

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001317.D
 Acq On : 20 Jan 2020 23:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 10:59:42 AM

Quant Time: Jan 21 08:28:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	177409	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.73	114	321850	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.52	117	285074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	98175	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.77	113	89860	47.69	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	10.21	98	356288	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.50	95	131991	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	52679	38.664	ug/l	99
3) Chloromethane	2.13	50	82001	41.754	ug/l	99
4) Vinyl Chloride	2.27	62	88156	44.556	ug/l	98
5) Bromomethane	2.68	94	63301	59.563	ug/l	98
6) Chloroethane	2.82	64	58939	51.563	ug/l	98
7) Trichlorofluoromethane	3.16	101	118571	43.054	ug/l	99
8) Diethyl Ether	3.57	74	52837	49.375	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.94	101	75572	42.631	ug/l	99
10) Methyl Iodide	4.14	142	97305	40.102	ug/l	99
11) Tert butyl alcohol	5.01	59	56117	297.664	ug/l	99
12) 1,1-Dichloroethene	3.91	96	78278	43.161	ug/l	98
13) Acrolein	3.77	56	52916	311.785	ug/l	98
14) Allyl chloride	4.54	41	139723	45.647	ug/l	99
15) Acrylonitrile	5.22	53	140522	262.562	ug/l	99
16) Acetone	3.99	43	113089	259.877	ug/l	100
17) Carbon Disulfide	4.24	76	224166	38.189	ug/l	99
18) Methyl Acetate	4.53	43	72846	50.631	ug/l	97
19) Methyl tert-butyl Ether	5.28	73	255994	51.028	ug/l	98
20) Methylene Chloride	4.77	84	108658	54.025	ug/l	94
21) trans-1,2-Dichloroethene	5.28	96	93336	45.387	ug/l	97
22) Diisopropyl ether	6.18	45	318725	50.980	ug/l	97
23) Vinyl Acetate	6.11	43	1039231	259.911	ug/l	99
24) 1,1-Dichloroethane	6.08	63	168470	49.221	ug/l	99
25) 2-Butanone	7.04	43	189630	279.993	ug/l	100
26) 2,2-Dichloropropane	7.04	77	134493	42.731	ug/l	100
27) cis-1,2-Dichloroethene	7.04	96	111022	49.269	ug/l	98
28) Bromochloromethane	7.38	49	86297	61.400	ug/l	98
29) Tetrahydrofuran	7.39	42	124453	268.141	ug/l	96
30) Chloroform	7.55	83	166361	49.606	ug/l	99
31) Cyclohexane	7.83	56	144668	39.920	ug/l	99
32) 1,1,1-Trichloroethane	7.75	97	137497	46.208	ug/l	99
36) 1,1-Dichloropropene	7.96	75	123988	42.267	ug/l	99
37) Ethyl Acetate	7.13	43	82007	47.635	ug/l	98
38) Carbon Tetrachloride	7.94	117	116942	43.499	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.22	83	156050	39.238	ug/l	97
40) Benzene	8.21	78	393458	45.949	ug/l	99
41) Methacrylonitrile	7.36	41	44652m	55.215	ug/l	
42) 1,2-Dichloroethane	8.28	62	113861	47.487	ug/l	99
43) Isopropyl Acetate	8.31	43	163010	49.517	ug/l	98
44) Trichloroethene	8.97	130	99817	44.736	ug/l	100
45) 1,2-Dichloropropane	9.25	63	103590	48.934	ug/l	97
46) Dibromomethane	9.34	93	55334	47.907	ug/l	98
47) Bromodichloromethane	9.53	83	134210	47.678	ug/l	100
48) Methyl methacrylate	9.32	41	73324	48.132	ug/l	98
49) 1,4-Dioxane	9.33	88	15895	1130.005	ug/l	95
51) 4-Methyl-2-Pentanone	10.10	43	420068	251.478	ug/l	99
52) Toluene	10.27	92	246796	45.188	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	145117	46.070	ug/l	98
54) cis-1,3-Dichloropropene	9.96	75	164621	46.354	ug/l	98
55) 1,1,2-Trichloroethane	10.67	97	82137	47.968	ug/l	98
56) Ethyl methacrylate	10.53	69	125765	48.014	ug/l	97
57) 1,3-Dichloropropane	10.81	76	143941	48.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	209664	227.588	ug/l	99
59) 2-Hexanone	10.86	43	295313	252.260	ug/l	98
60) Dibromochloromethane	11.01	129	92795	47.067	ug/l	99
61) 1,2-Dibromoethane	11.11	107	78070	46.693	ug/l	99
64) Tetrachloroethene	10.74	164	77187	42.003	ug/l	99
65) Chlorobenzene	11.54	112	260522	45.736	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	93518	47.634	ug/l	99
67) Ethyl Benzene	11.61	91	476833	45.760	ug/l	100
68) m/p-Xylenes	11.72	106	359027	91.336	ug/l	99
69) o-Xylene	12.05	106	171713	45.562	ug/l	99
70) Styrene	12.06	104	308148	46.599	ug/l	98
71) Bromoform	12.23	173	56261	46.469	ug/l #	99
73) Isopropylbenzene	12.35	105	458733	45.987	ug/l	100
74) N-amyl acetate	12.16	43	186763	59.993	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.60	83	105479	50.259	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	75146m	52.903	ug/l	
77) Bromobenzene	12.63	156	103544	46.976	ug/l	98
78) n-propylbenzene	12.69	91	548964	45.752	ug/l	100
79) 2-Chlorotoluene	12.78	91	318858	46.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	387035	46.501	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	36988	44.157	ug/l #	99
82) 4-Chlorotoluene	12.88	91	334185	45.427	ug/l	98
83) tert-Butylbenzene	13.09	119	329819	47.160	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	386718	46.787	ug/l	99
85) sec-Butylbenzene	13.27	105	463787	46.097	ug/l	100
86) p-Isopropyltoluene	13.39	119	406451	46.529	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	201301	48.291	ug/l	99
88) 1,4-Dichlorobenzene	13.47	146	200021	46.622	ug/l	99
89) n-Butylbenzene	13.71	91	396557	45.073	ug/l	99
90) Hexachloroethane	13.98	117	78908	46.230	ug/l	98
91) 1,2-Dichlorobenzene	13.76	146	184451	47.611	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	17187	45.398	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	116547	45.659	ug/l	99
94) Hexachlorobutadiene	15.13	225	55828	43.415	ug/l	97
95) Naphthalene	15.25	128	281137	47.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	104798	46.585	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

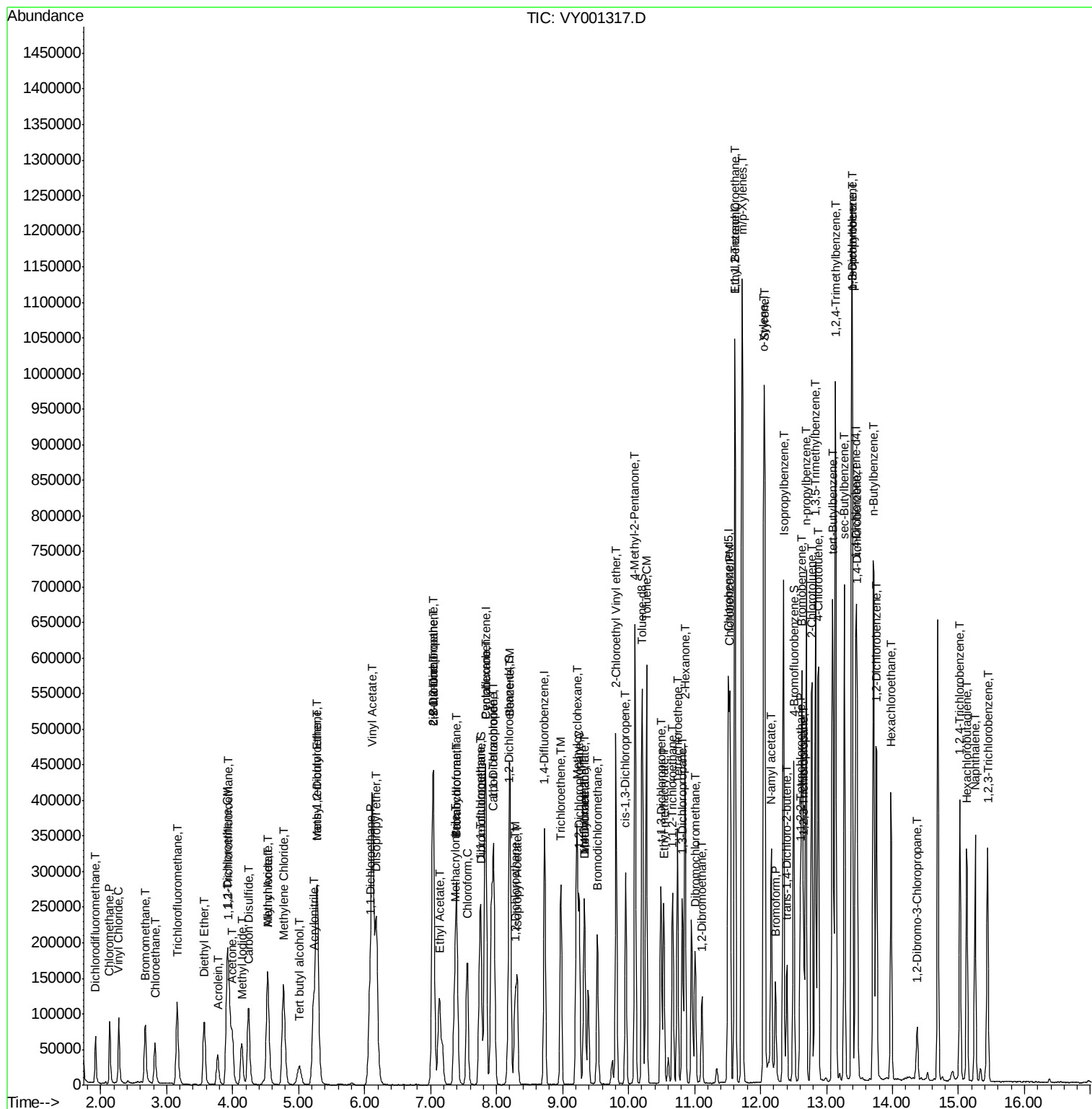
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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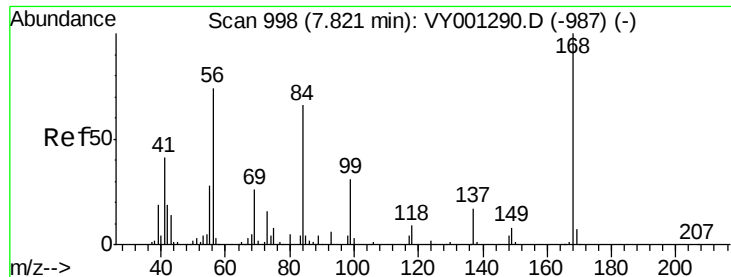
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 177409

Ion Ratio Lower Upper

168 100

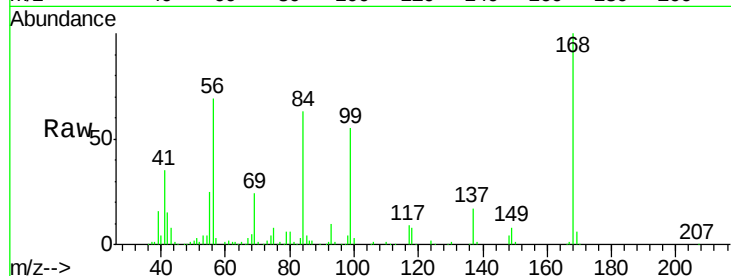
99 55.2 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.83

80000

60000

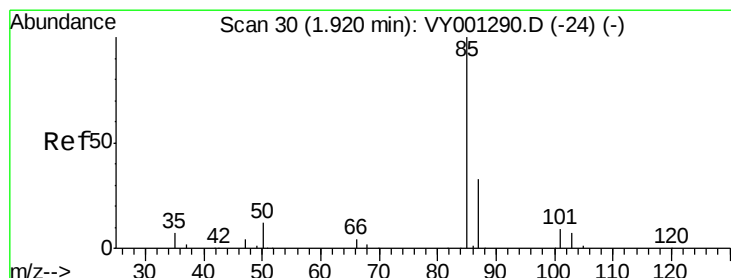
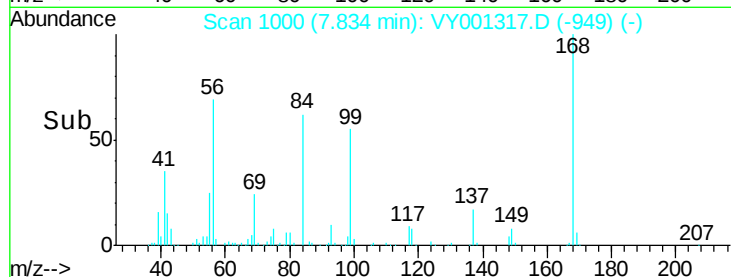
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.664 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001317.D

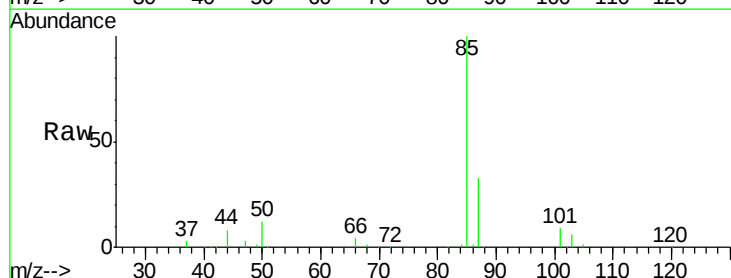
Acq: 20 Jan 2020 23:17

Tgt Ion: 85 Resp: 52679

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001290.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VY001290.D (-24) (-)

1.92

40000

30000

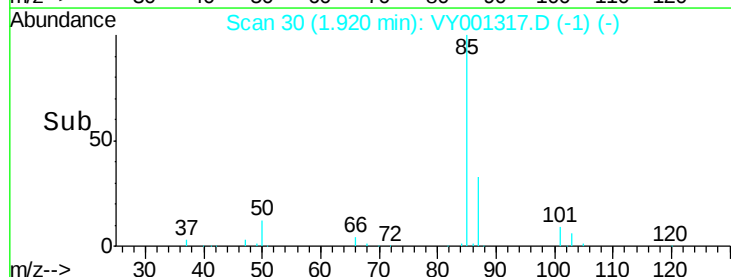
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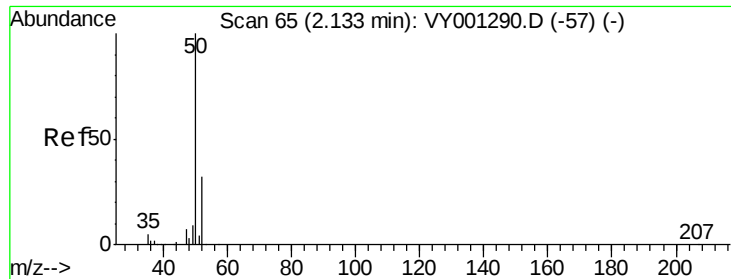
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.754 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 82001

Ion Ratio Lower Upper

50 100

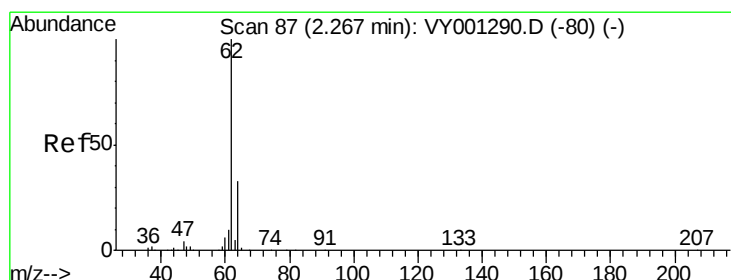
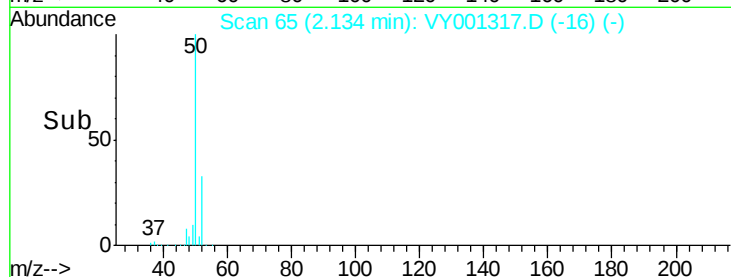
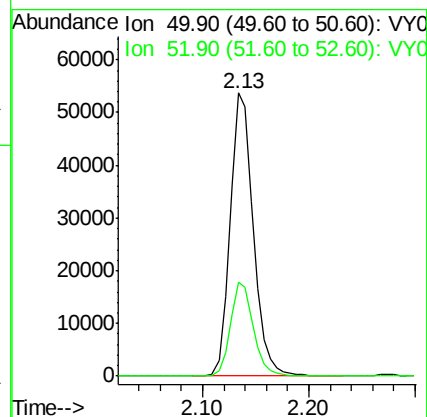
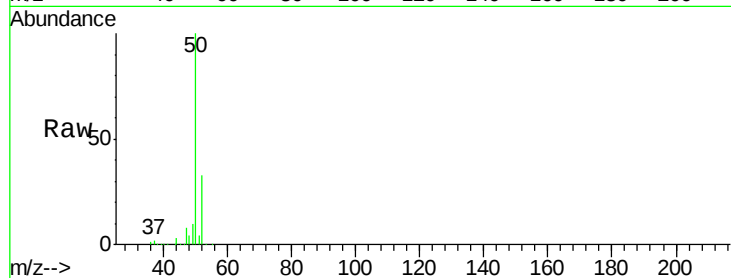
52 33.0 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.556 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001317.D

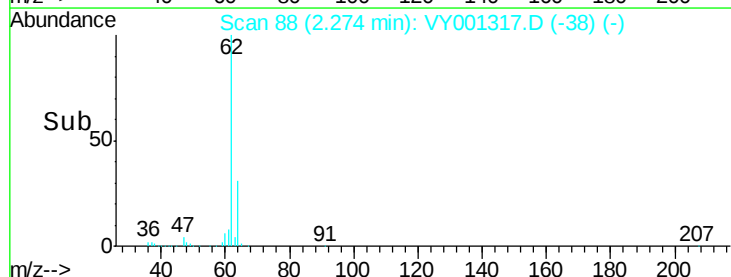
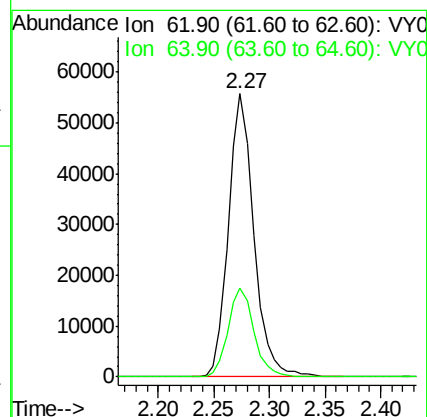
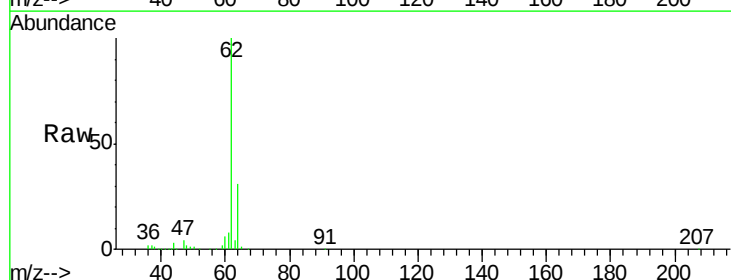
Acq: 20 Jan 2020 23:17

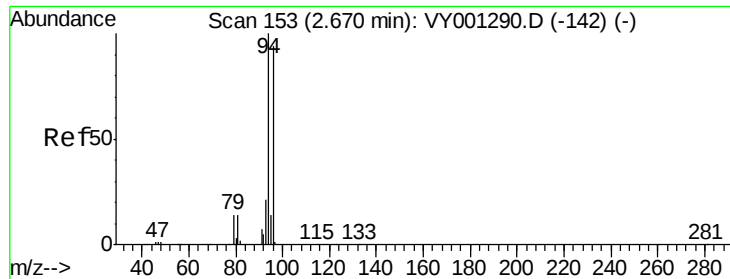
Tgt Ion: 62 Resp: 88156

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 59.563 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

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ClientSampleId :

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Tot Ion: 94 Resp: 63301

Ion Ratio Lower Upper

94 100

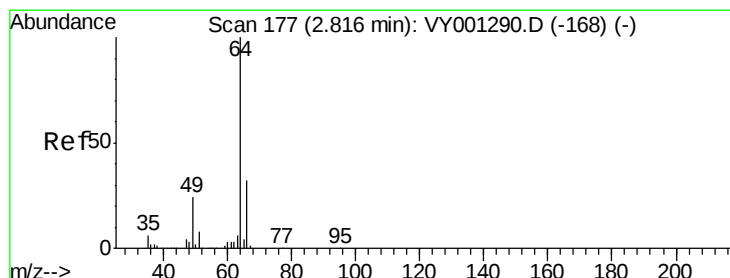
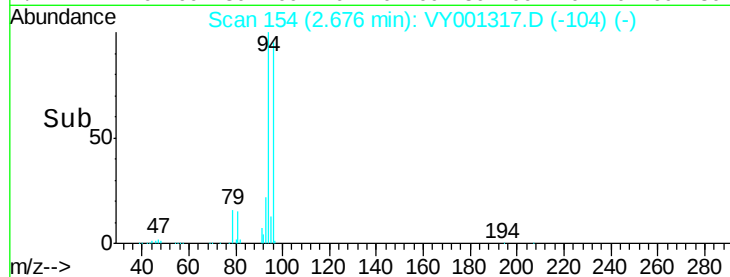
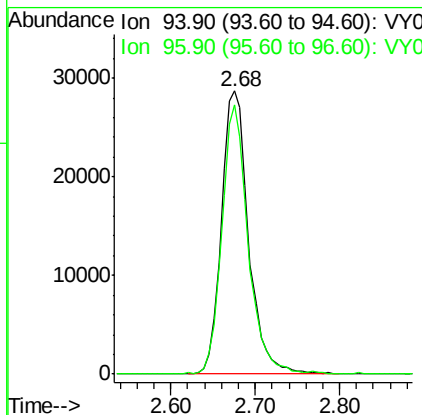
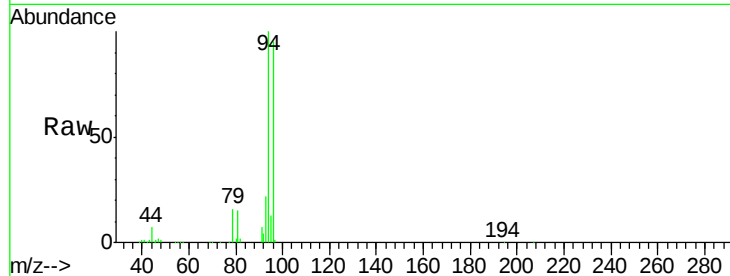
96 95.0 77.3 115.9

Manual Integrations

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#6

Chloroethane

Concen: 51.563 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001317.D

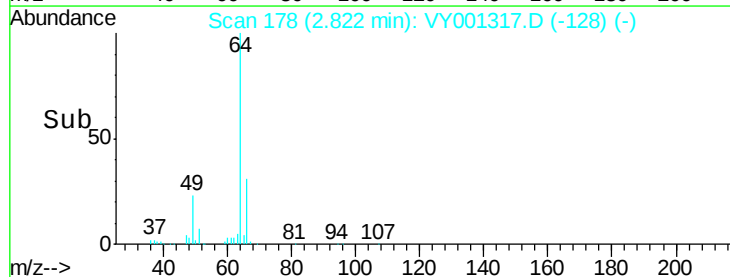
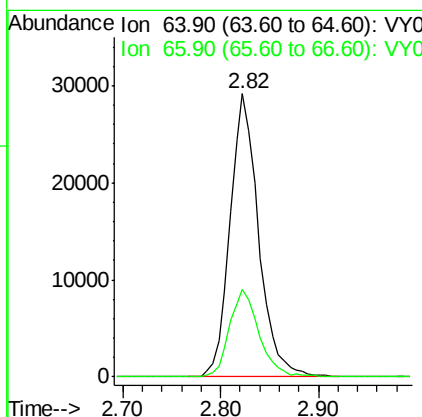
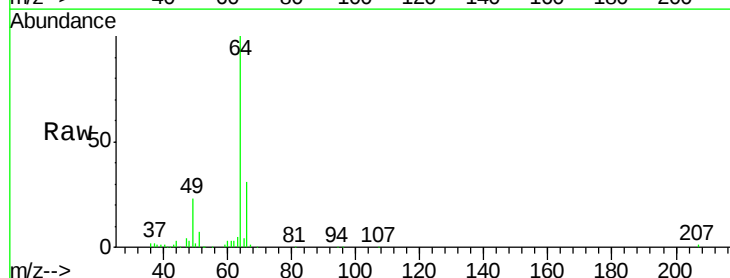
Acq: 20 Jan 2020 23:17

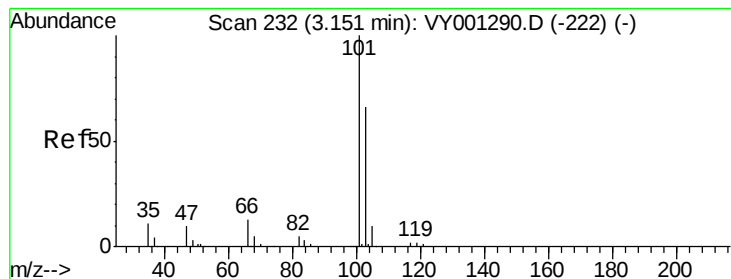
Tgt Ion: 64 Resp: 58939

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3





#7

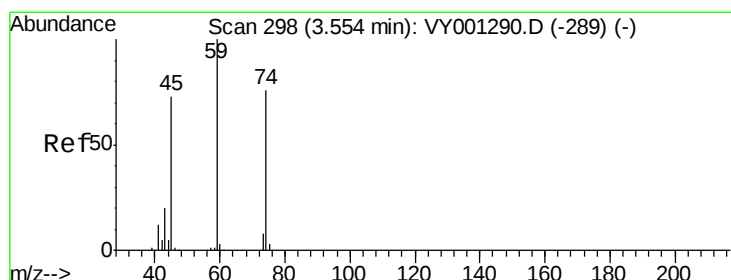
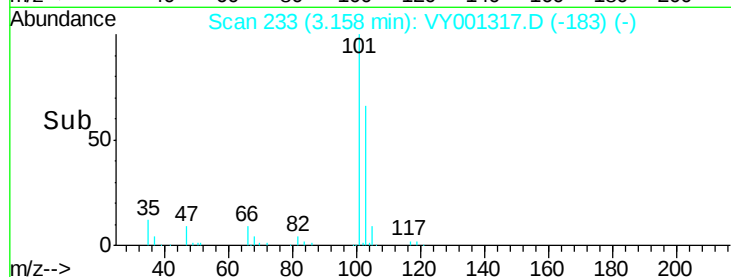
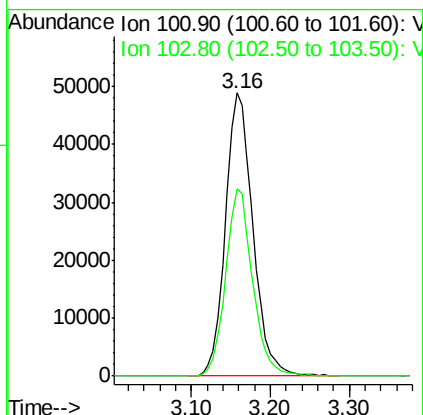
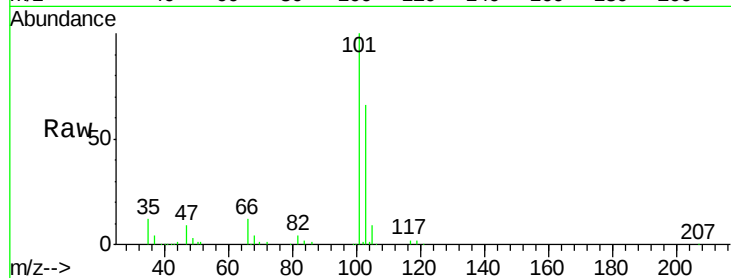
Trichlorofluoromethane
Concen: 43.054 ug/l
RT: 3.16 min Scan# 233
Delta R.T. 0.01 min
Lab File: VY001317.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.6	79.0

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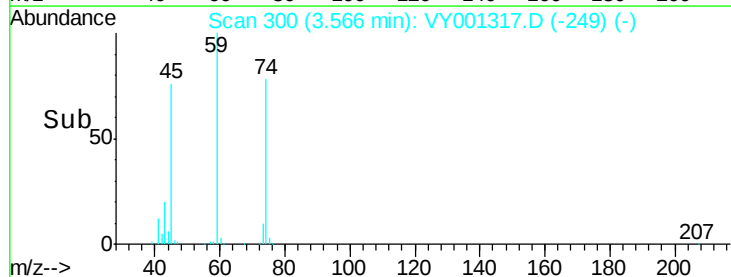
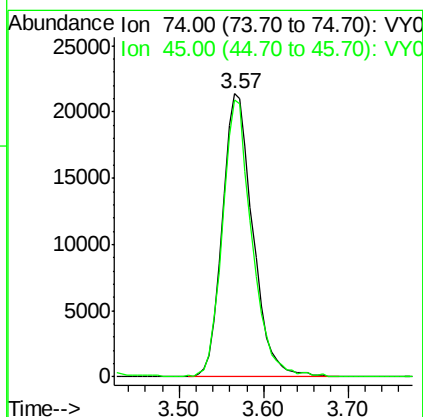
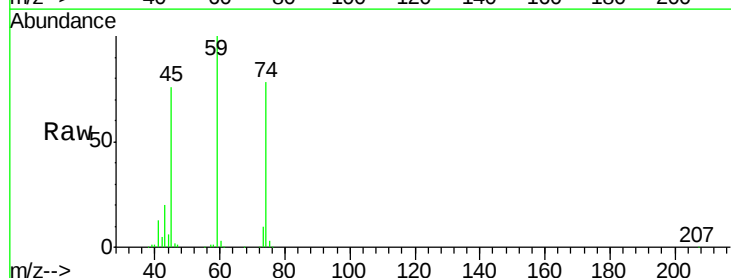
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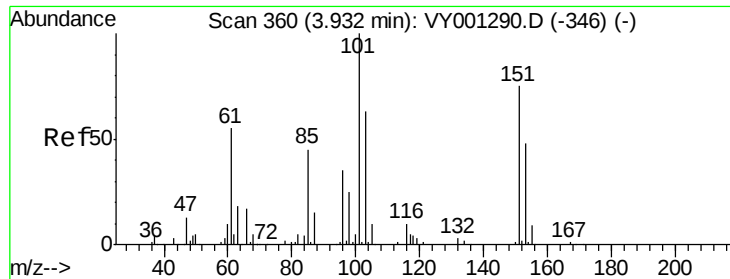


#8

Diethyl Ether
Concen: 49.375 ug/l
RT: 3.57 min Scan# 300
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.631 ug/l

RT: 3.94 min Scan# 362

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

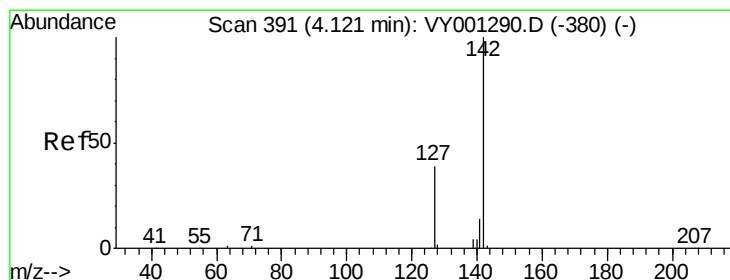
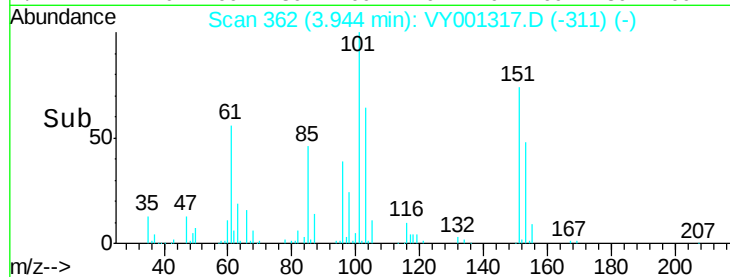
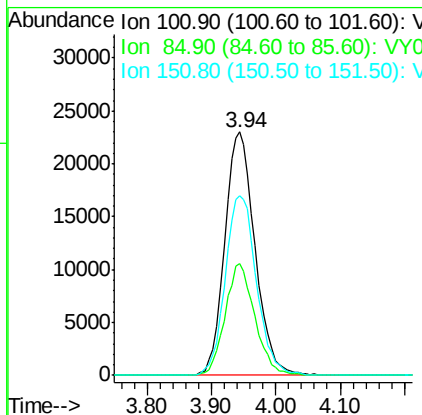
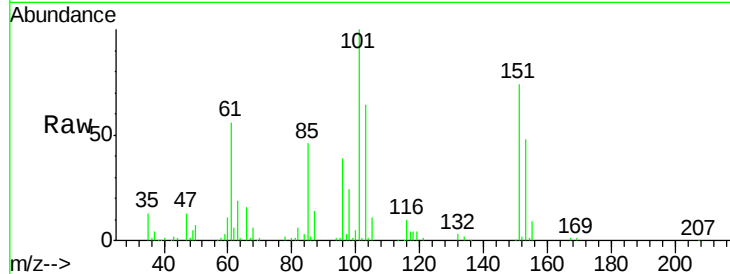
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	75572
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.2	52.8
151	76.3	61.4	92.2

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#10

Methyl Iodide

Concen: 40.102 ug/l

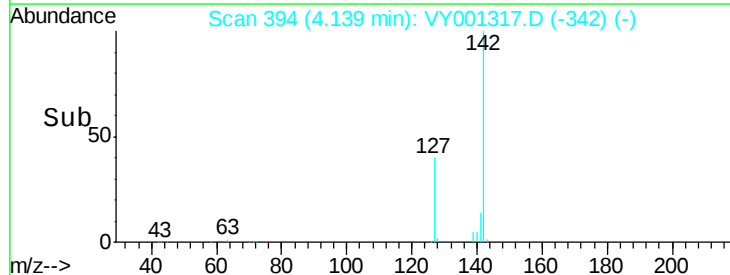
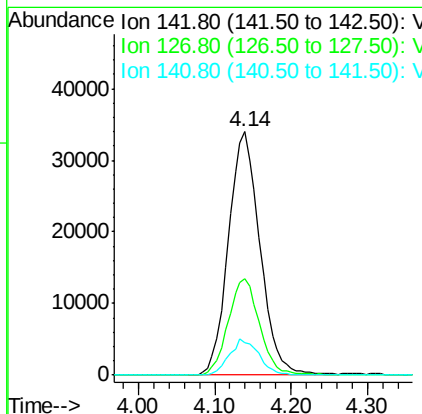
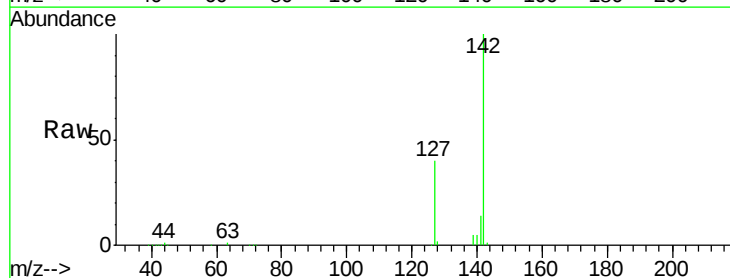
RT: 4.14 min Scan# 394

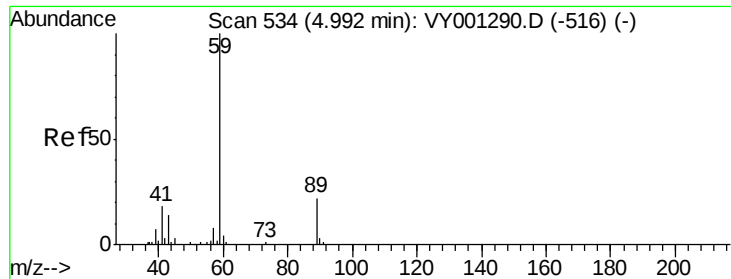
Delta R.T. 0.02 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion:	142	Resp:	97305
Ion Ratio	Lower	Upper	
142	100		
127	39.4	30.8	46.2
141	13.8	11.0	16.4





#11

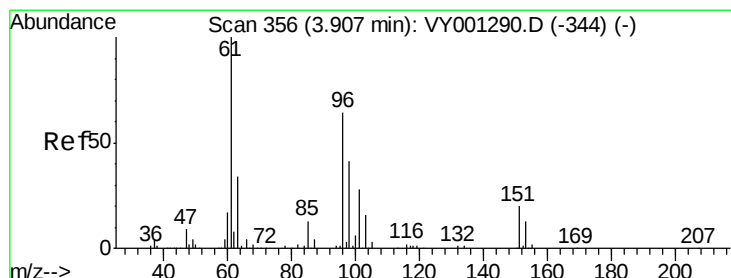
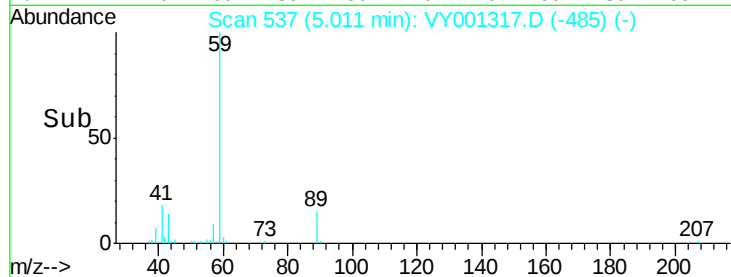
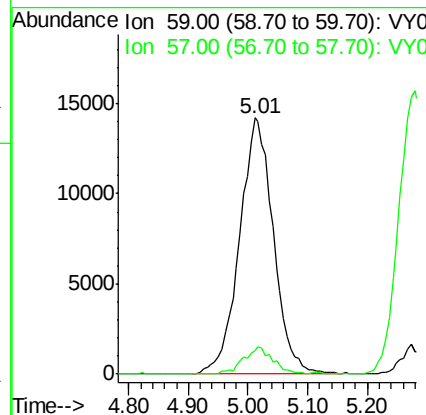
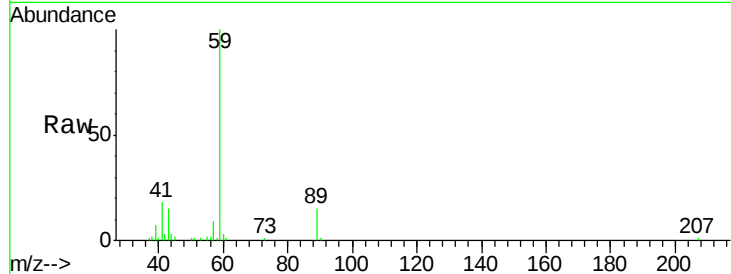
Tert butyl alcohol
Concen: 297.664 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.02 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	56117
Ion Ratio	100	Lower	Upper
57	9.3	7.8	11.8

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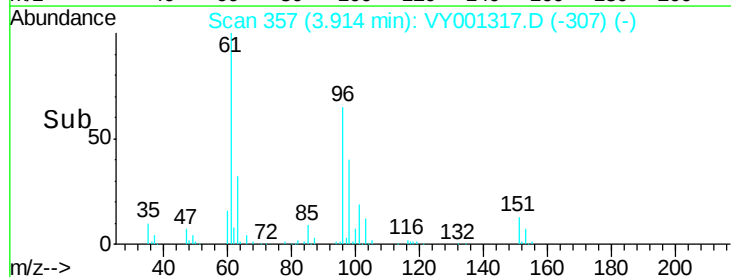
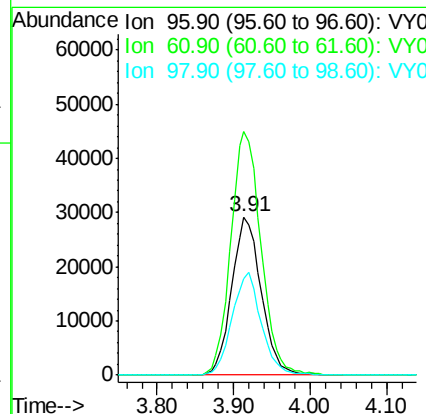
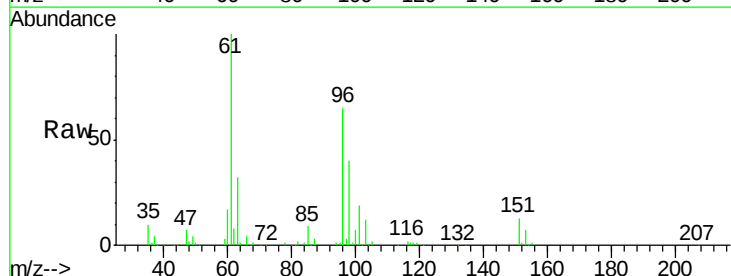
MMDadoda
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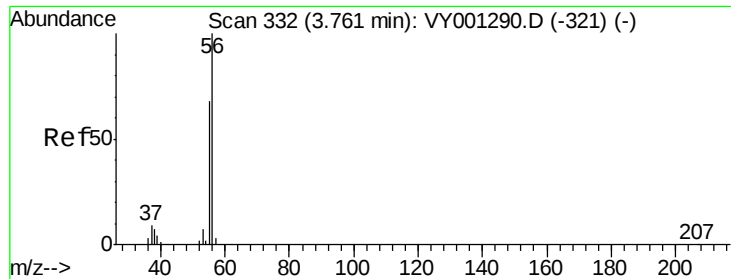


#12

1,1-Dichloroethene
Concen: 43.161 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	96	Resp	78278
Ion Ratio	100	Lower	Upper
61	153.9	122.1	183.1
98	60.8	51.0	76.6





#13

Acrolein

Concen: 311.785 ug/l

RT: 3.77 min Scan# 334

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52916

Ion Ratio Lower Upper

56 100

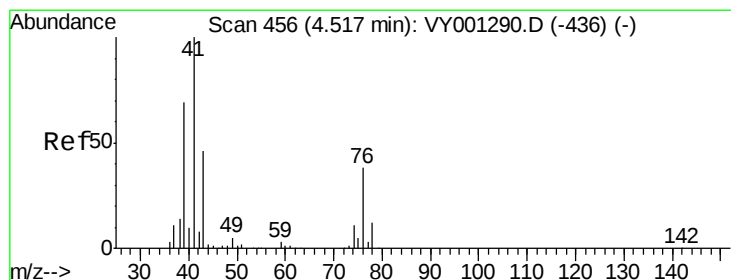
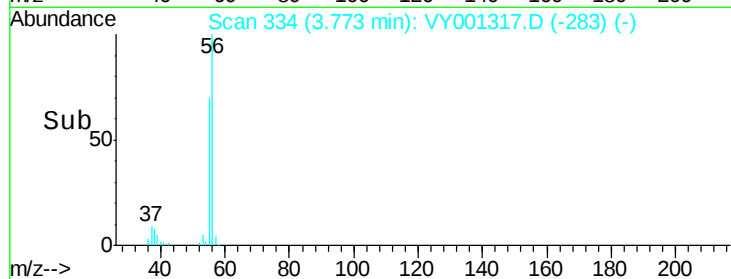
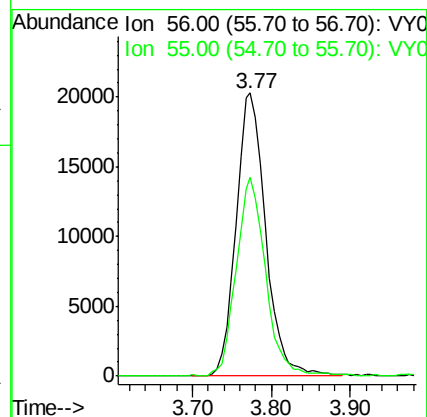
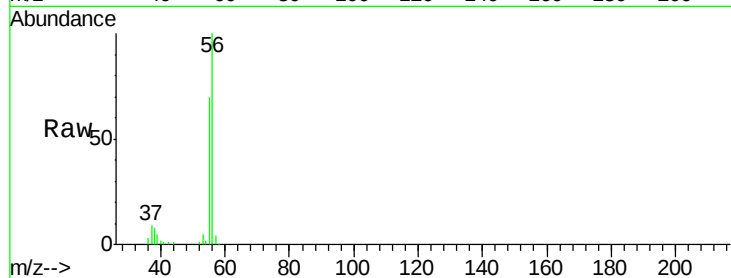
55 69.1 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 45.647 ug/l

RT: 4.54 min Scan# 459

Delta R.T. 0.02 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

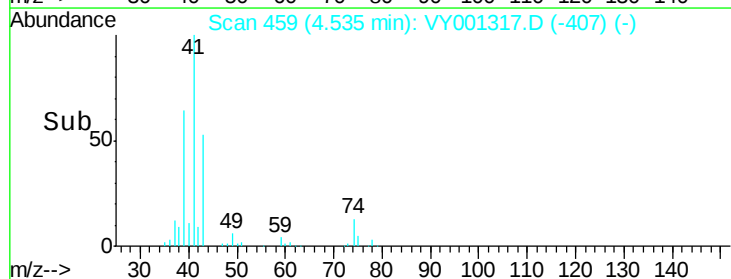
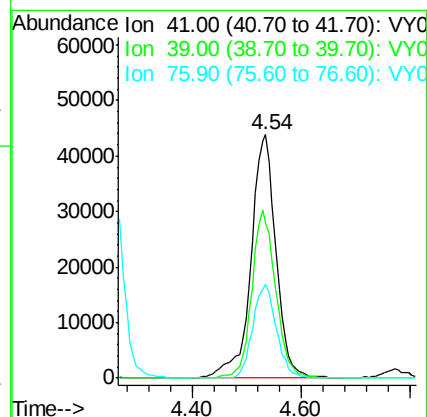
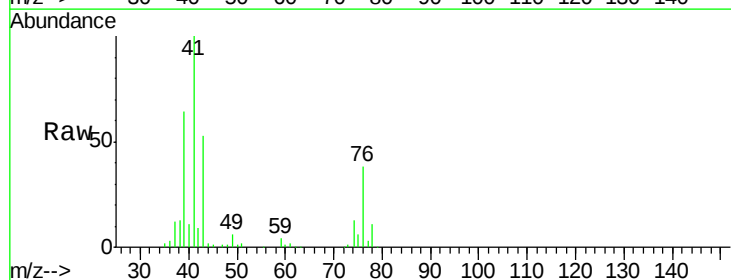
Tgt Ion: 41 Resp: 139723

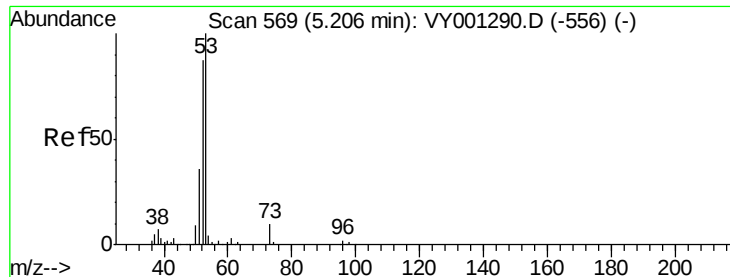
Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

76 36.3 30.2 45.2





#15

Acrylonitrile

Concen: 262.562 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.02 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

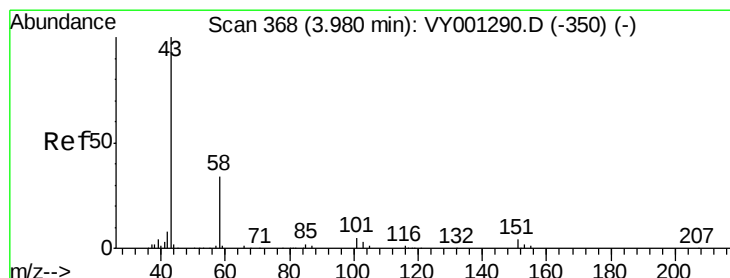
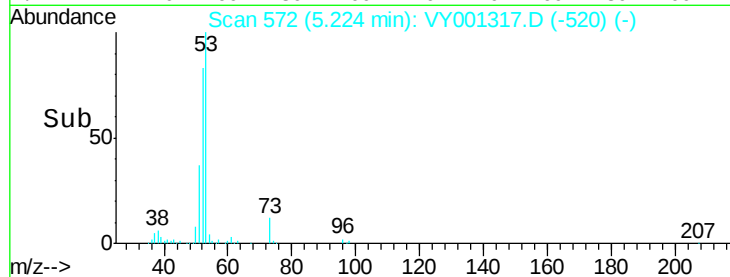
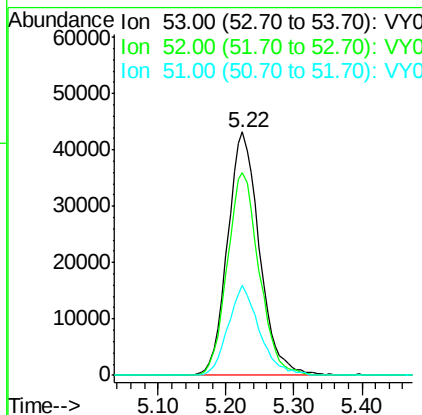
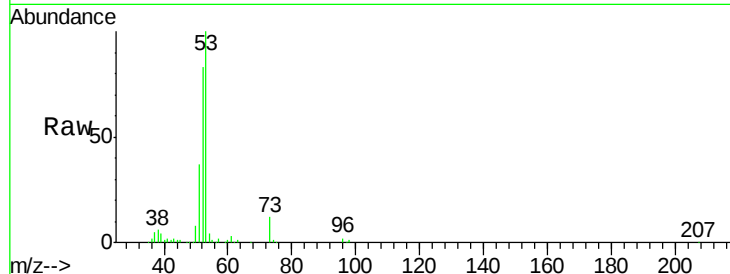
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	140522
Ion Ratio		Lower	Upper
53	100		
52	82.8	65.7	98.5
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 259.877 ug/l

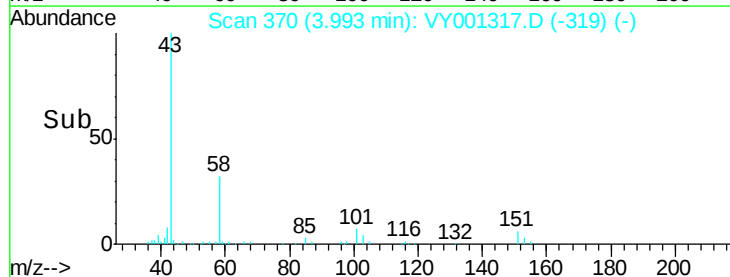
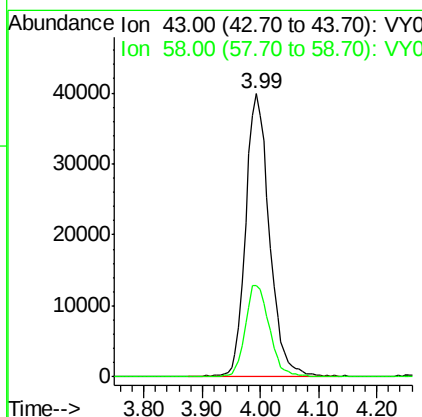
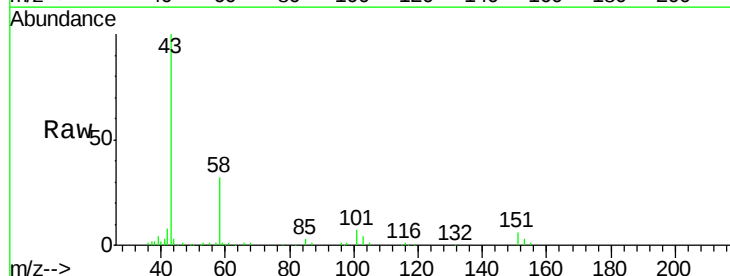
RT: 3.99 min Scan# 370

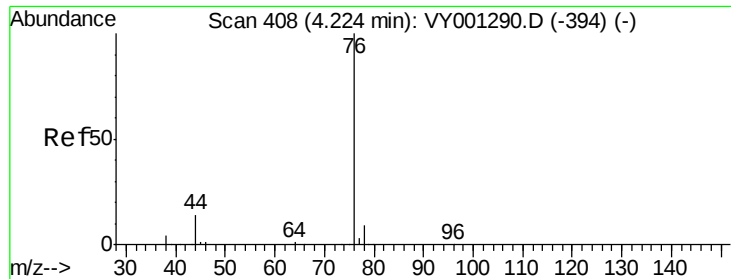
Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion:	43	Resp:	113089
Ion Ratio		Lower	Upper
43	100		
58	32.1	25.8	38.6





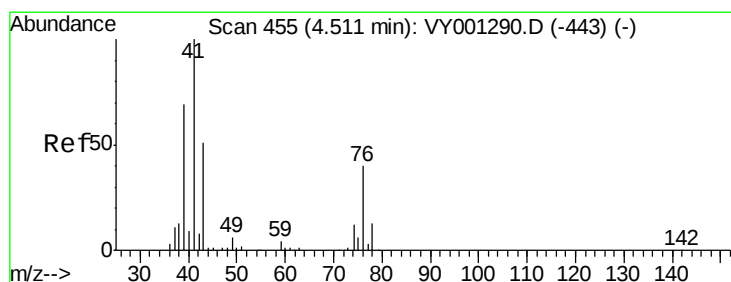
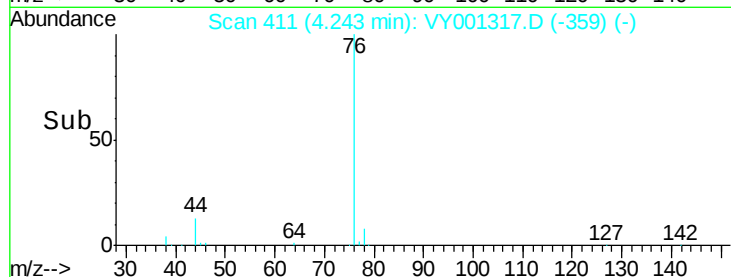
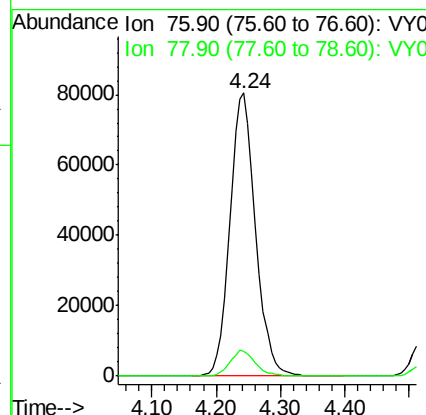
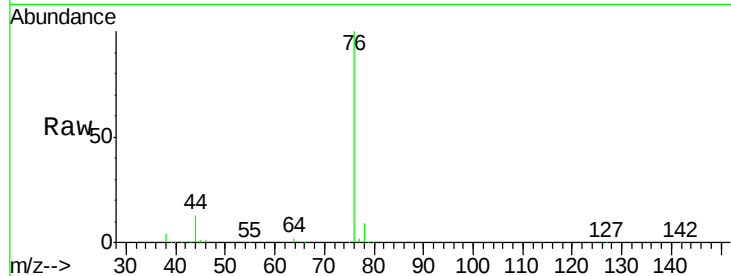
#17
Carbon Disulfide
Concen: 38.189 ug/l
RT: 4.24 min Scan# 411
Delta R.T. 0.02 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

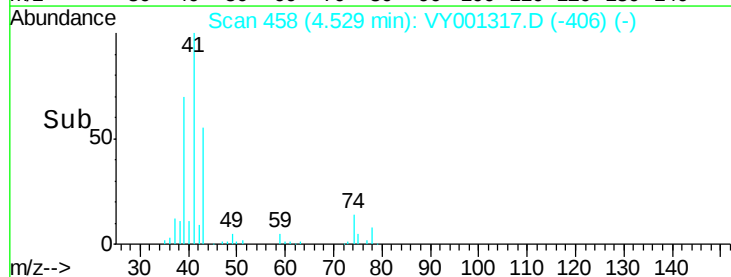
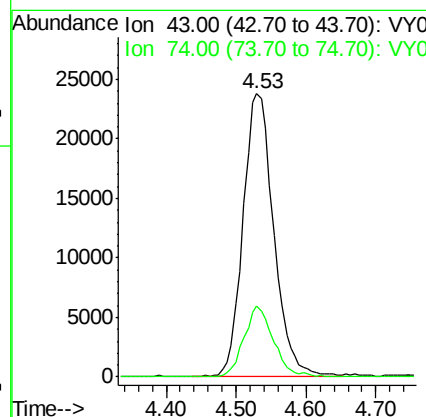
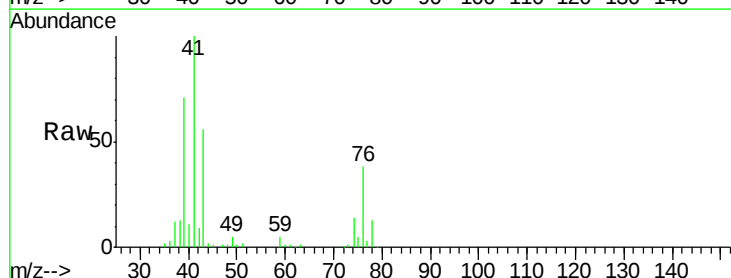
Manual Integrations
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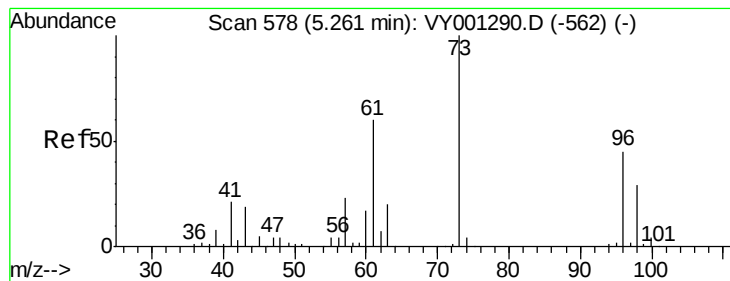
MMDadoda
1/21/2020 10:59:42 AM



#18
Methyl Acetate
Concen: 50.631 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.02 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	20.2	30.2





#19

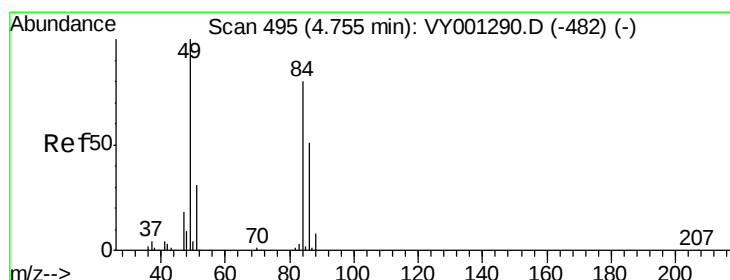
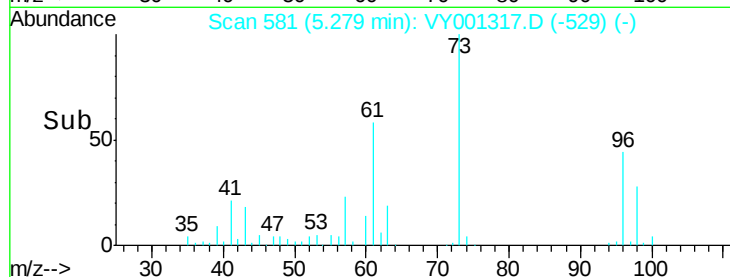
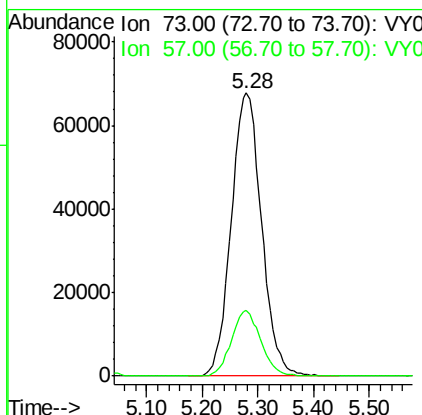
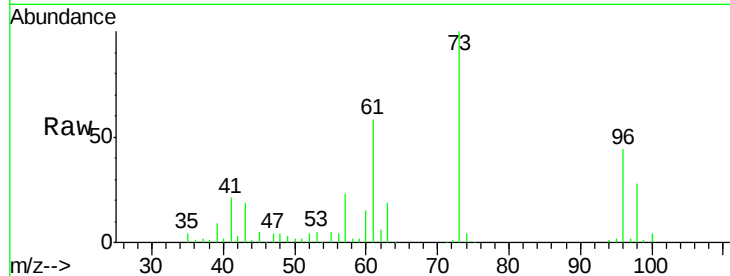
Methyl tert-butyl Ether
 Concen: 51.028 ug/l
 RT: 5.28 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.8	26.6

Manual Integrations
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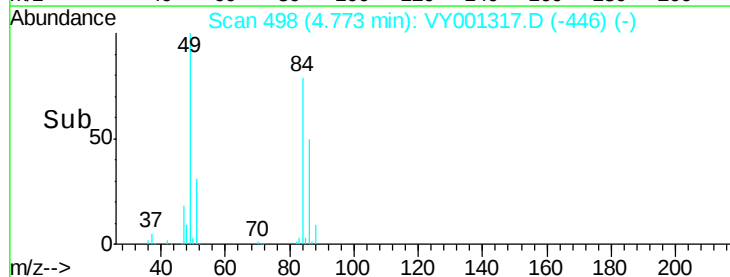
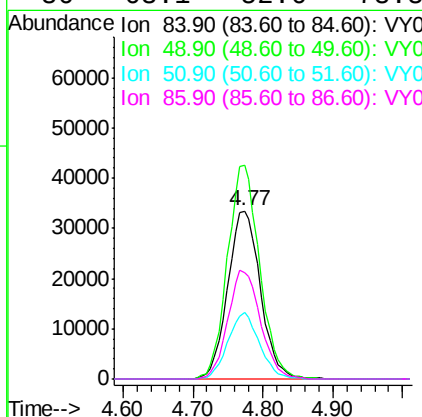
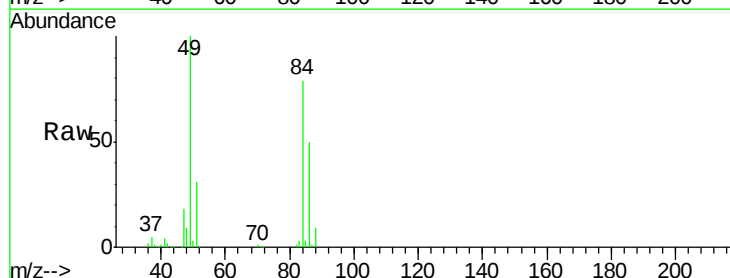
MMDadoda
 1/21/2020 10:59:42 AM

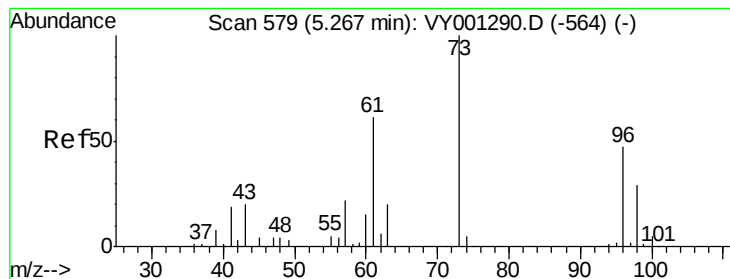


#20

Methylene Chloride
 Concen: 54.025 ug/l
 RT: 4.77 min Scan# 498
 Delta R.T. 0.02 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	93.8	140.6
51	39.3	29.9	44.9
86	63.1	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 45.387 ug/l

RT: 5.28 min Scan# 581

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 93336

Ion Ratio Lower Upper

96 100

61 131.4 107.6 161.4

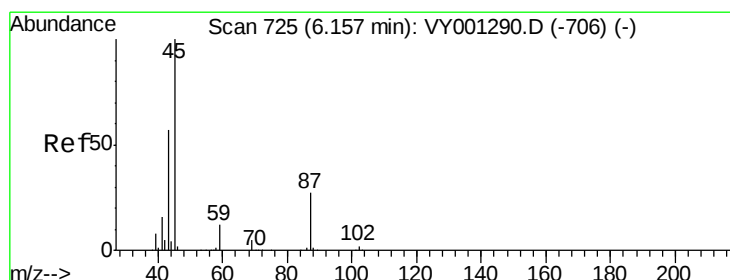
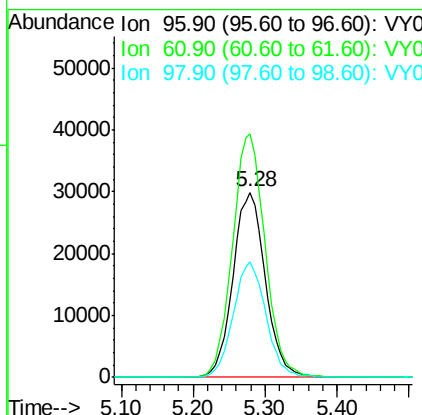
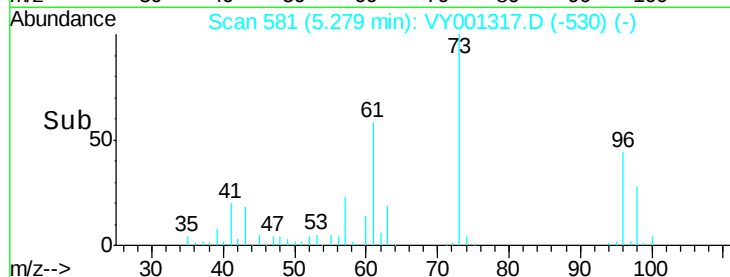
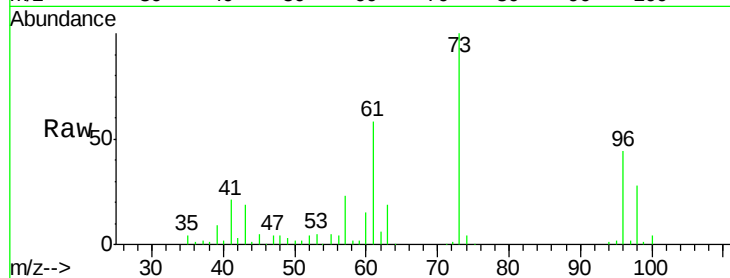
98 62.2 47.6 71.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.980 ug/l

RT: 6.18 min Scan# 728

Delta R.T. 0.02 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion: 45 Resp: 318725

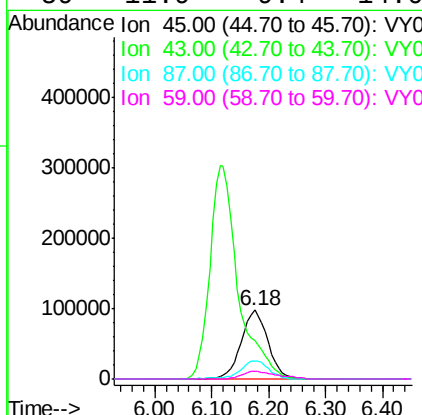
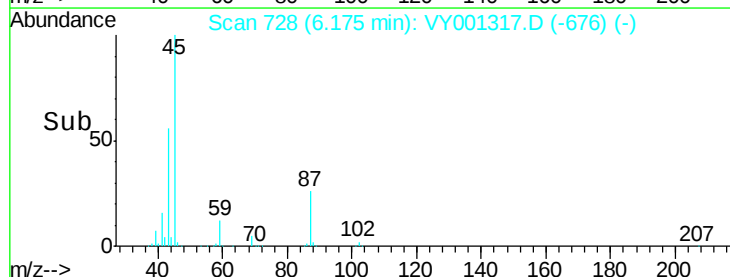
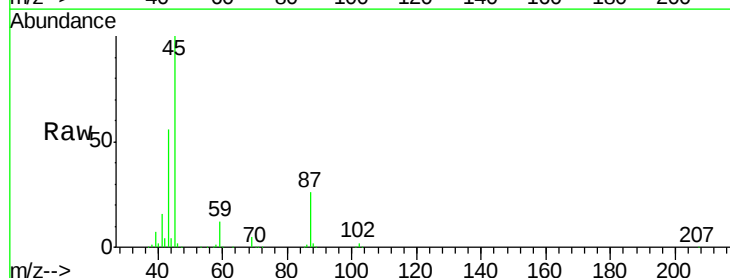
Ion Ratio Lower Upper

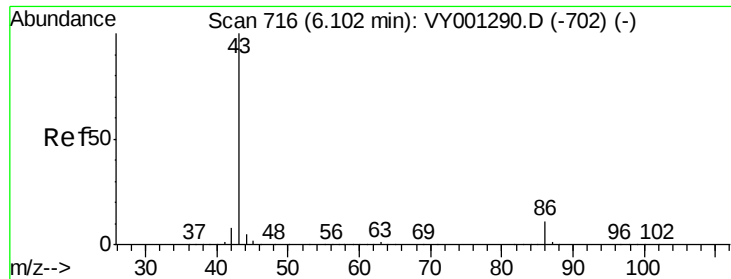
45 100

43 55.8 46.5 69.7

87 26.2 22.5 33.7

59 11.9 9.4 14.0





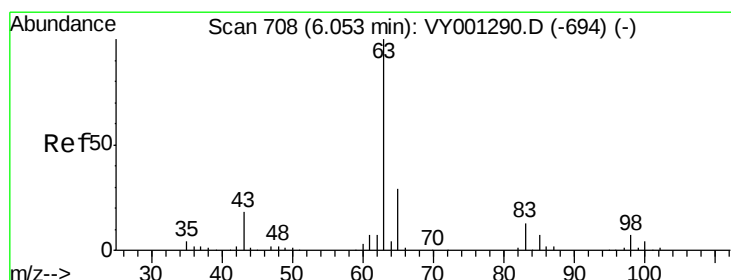
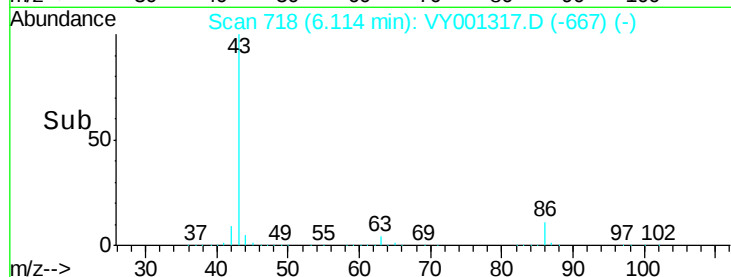
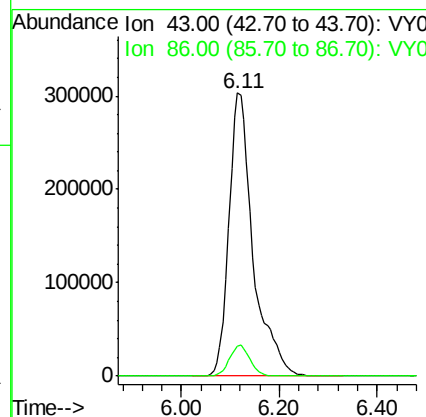
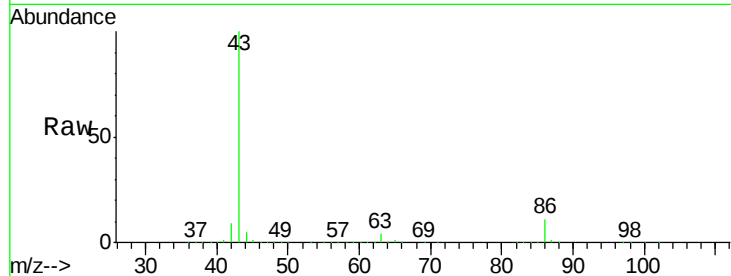
#23
 Vinyl Acetate
 Concen: 259.911 ug/l
 RT: 6.11 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1039231
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4

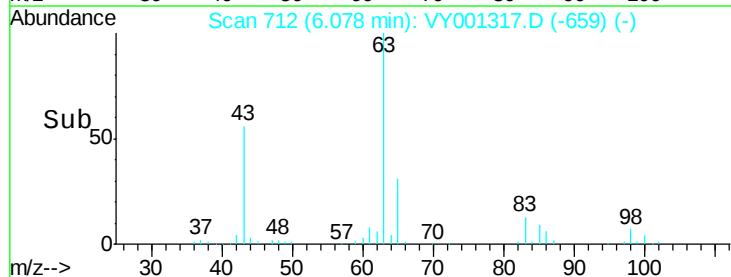
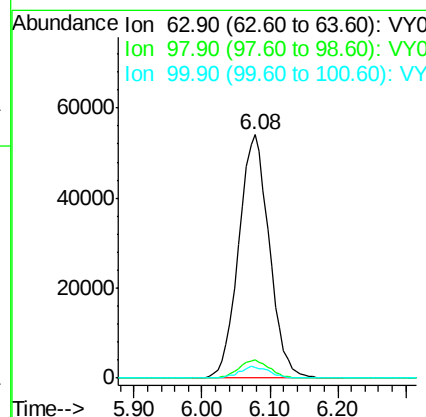
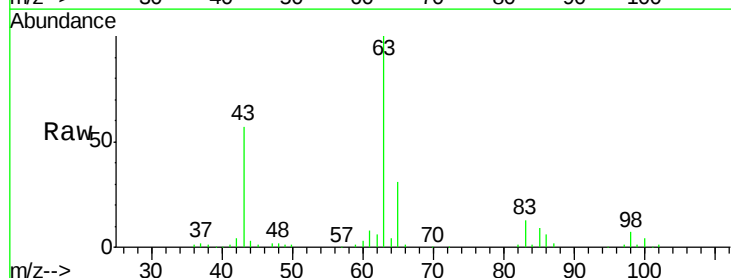
Manual Integrations
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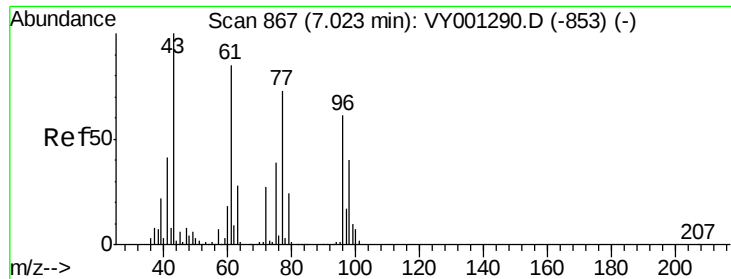
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 49.221 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. 0.02 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion: 63 Resp: 168470
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.3 2.4 7.2





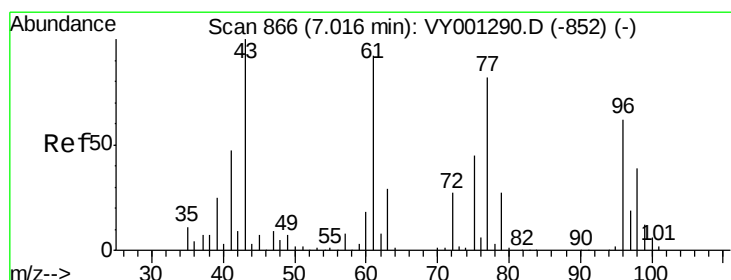
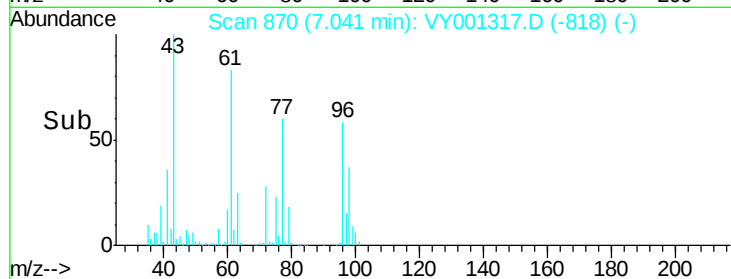
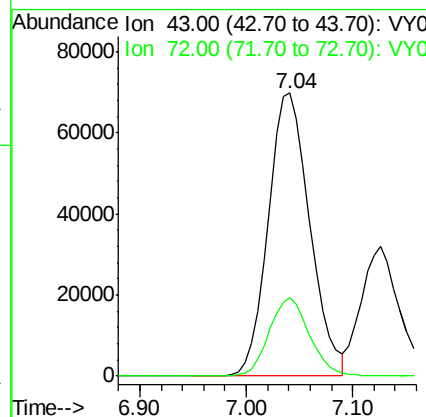
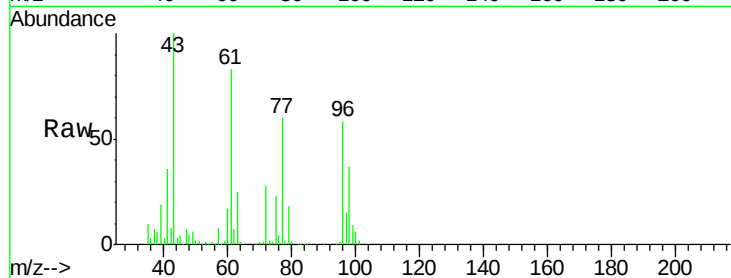
#25
2-Butanone
Concen: 279.993 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.02 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 189630
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2

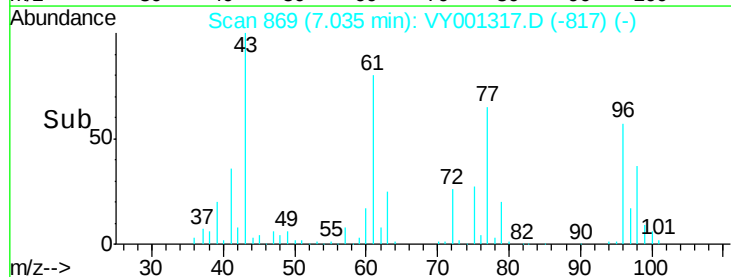
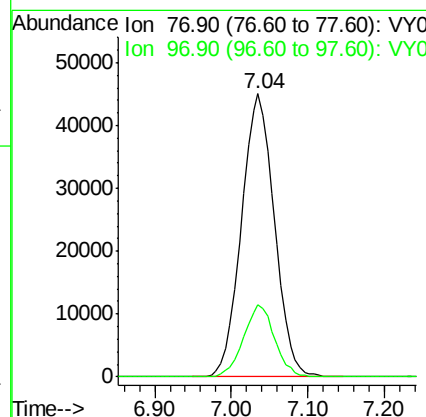
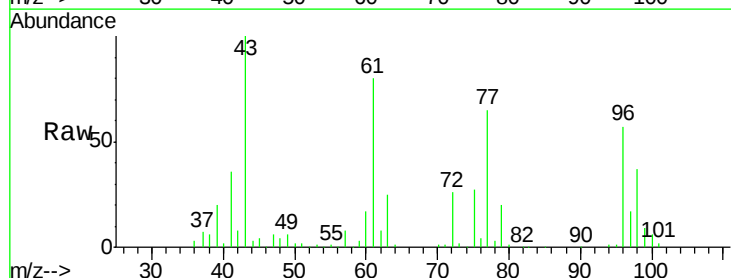
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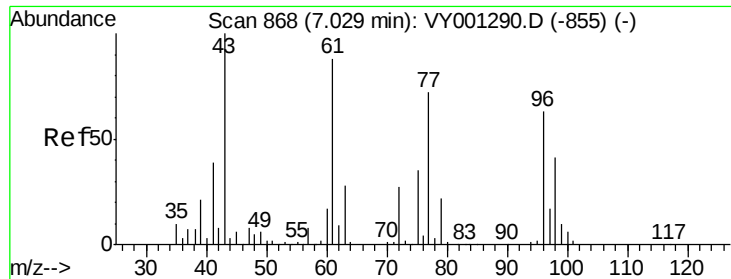
MMDadoda
1/21/2020 10:59:42 AM



#26
2,2-Dichloropropane
Concen: 42.731 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion: 77 Resp: 134493
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.7





#27

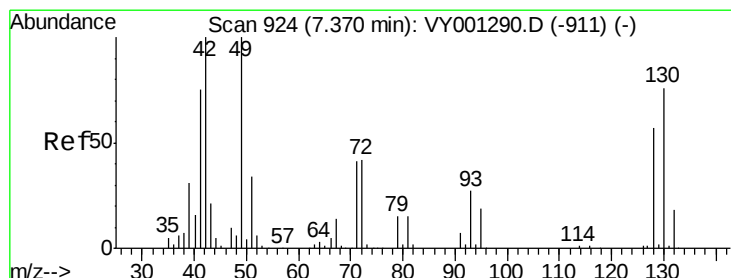
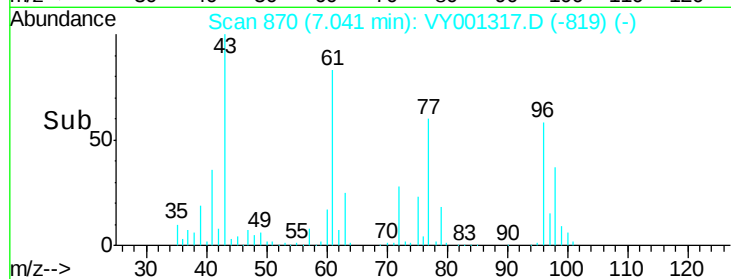
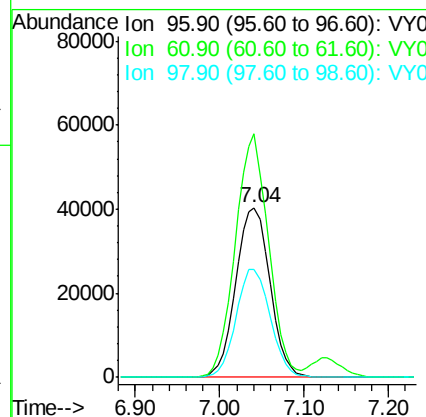
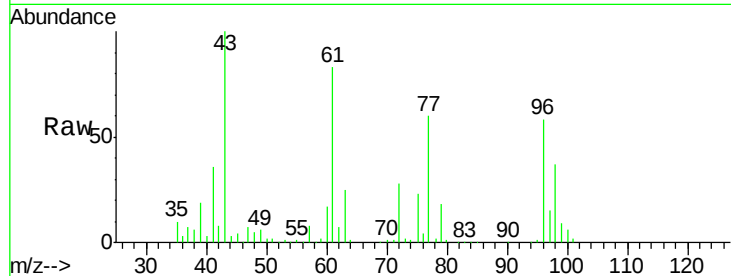
cis-1,2-Dichloroethene
Concen: 49.269 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	284.0
98	63.3	0.0	130.2

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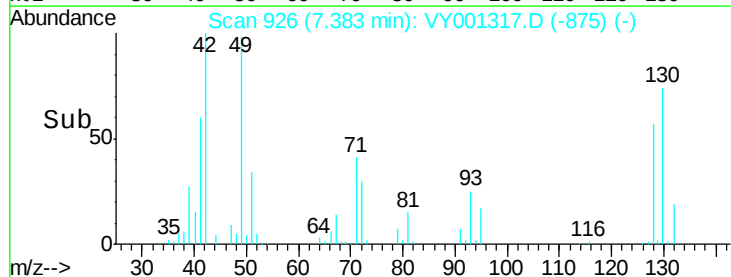
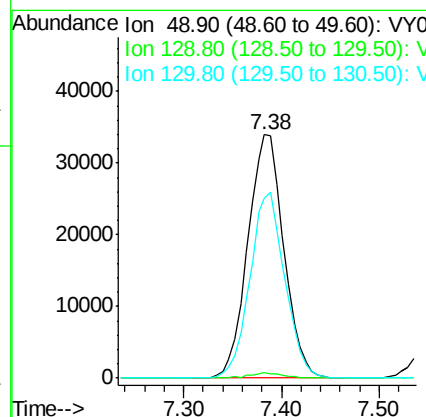
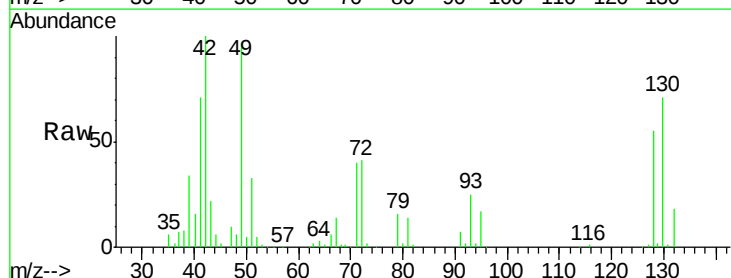
MMDadoda
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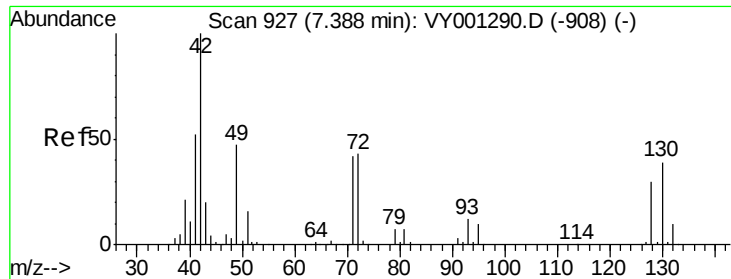


#28

Bromochloromethane
Concen: 61.400 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	74.3	61.2	91.8





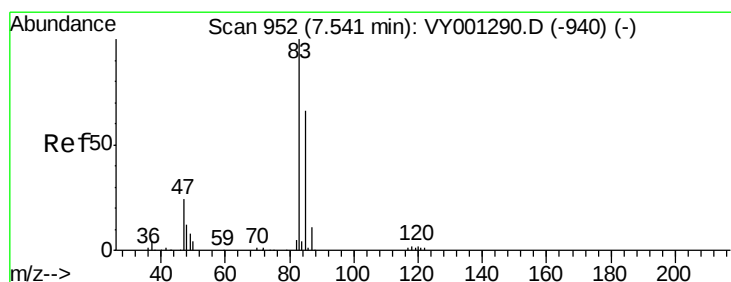
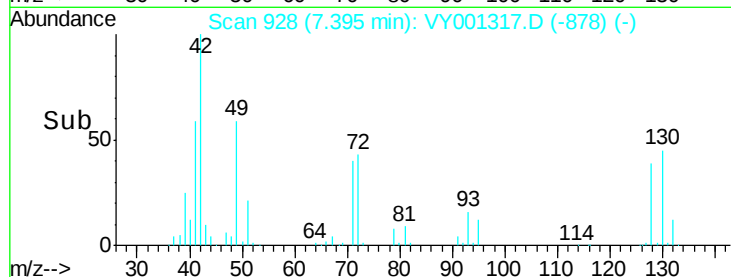
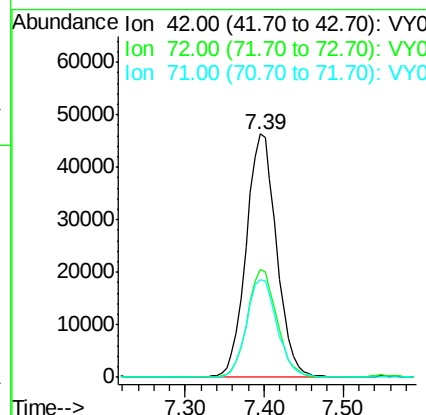
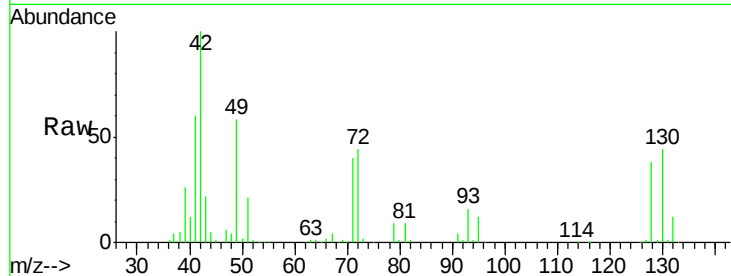
#29
Tetrahydrofuran
Concen: 268.141 ug/l
RT: 7.39 min Scan# 928
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	36.9	55.3
71	40.5	34.0	51.0

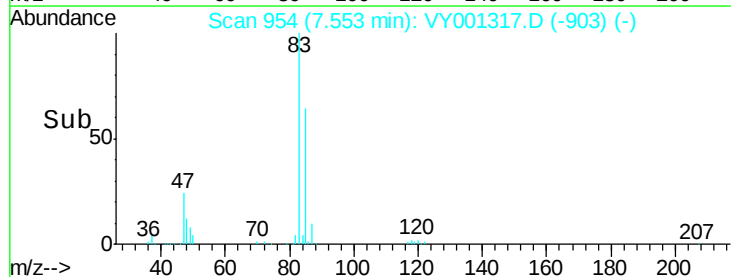
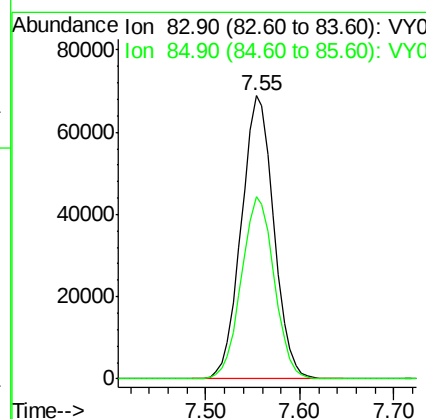
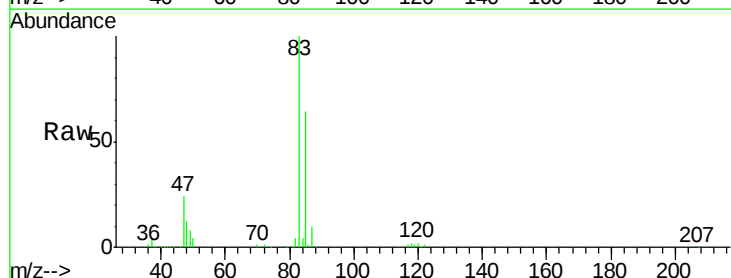
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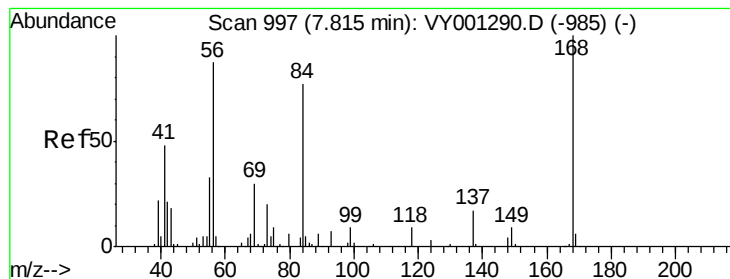
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#30
Chloroform
Concen: 49.606 ug/l
RT: 7.55 min Scan# 954
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9





#31

Cyclohexane

Concen: 39.920 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

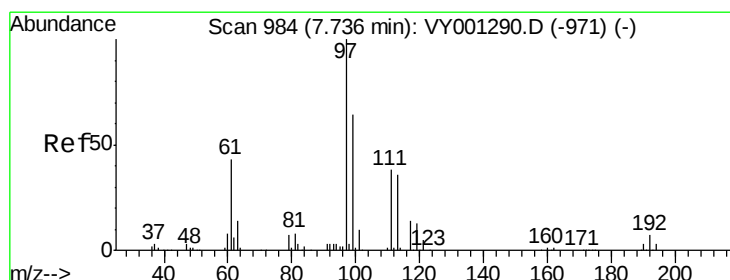
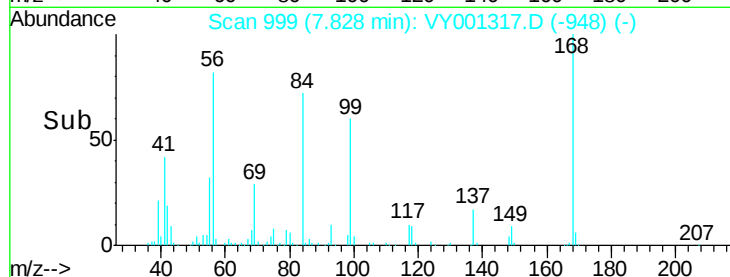
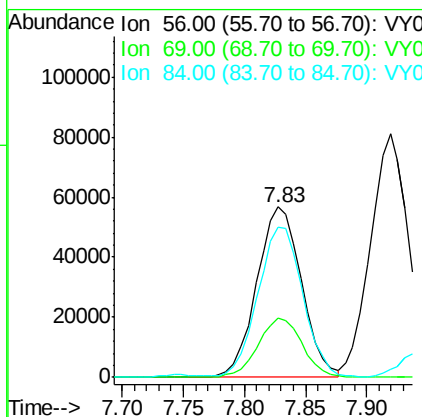
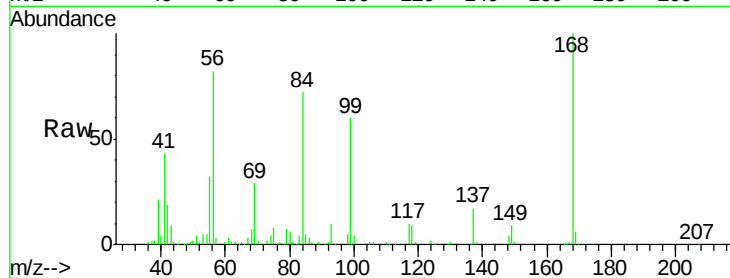
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	144668
Ion Ratio	Lower	Upper	
56	100		
69	35.0	27.8	41.8
84	87.2	68.9	103.3

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#32

1,1,1-Trichloroethane

Concen: 46.208 ug/l

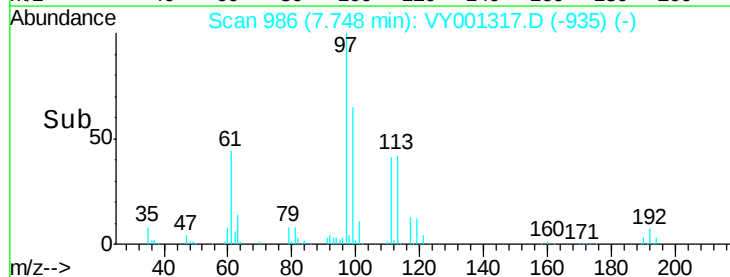
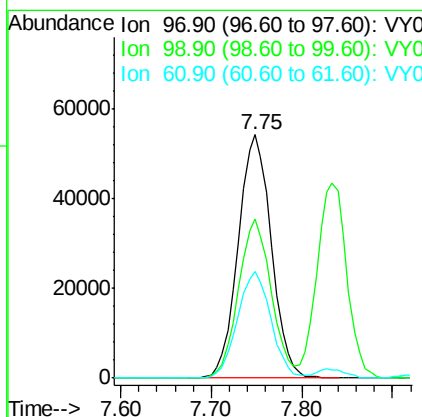
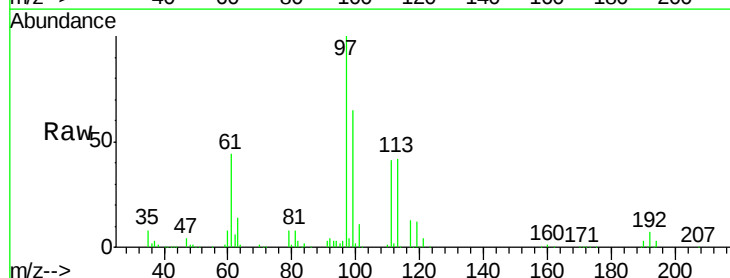
RT: 7.75 min Scan# 986

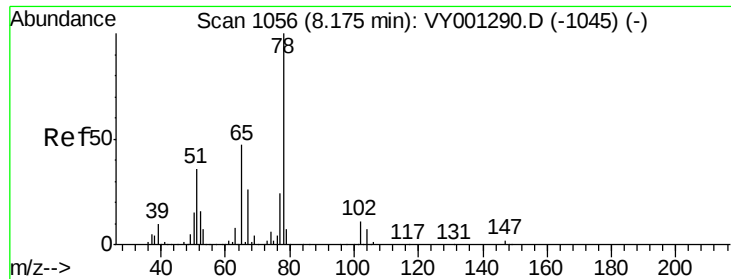
Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion:	97	Resp:	137497
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.3	76.9
61	44.4	34.6	52.0





#33

1,2-Dichloroethane-d4

Concen: 52.395 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 98175

Ion Ratio Lower Upper

65 100

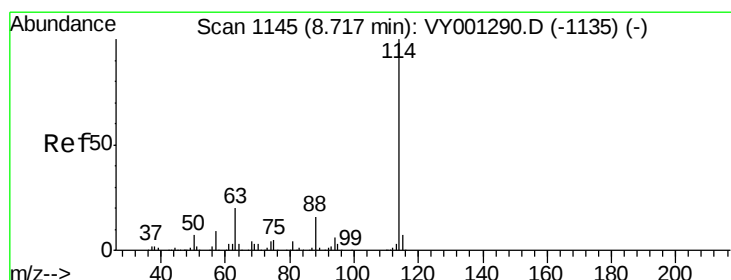
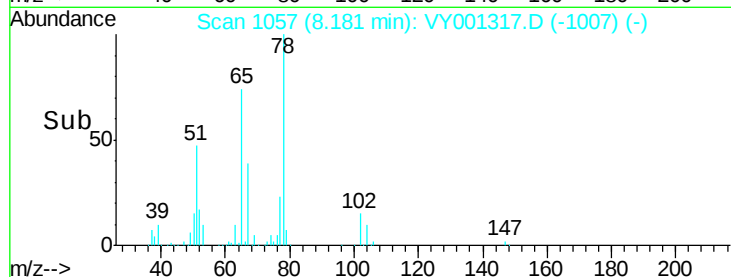
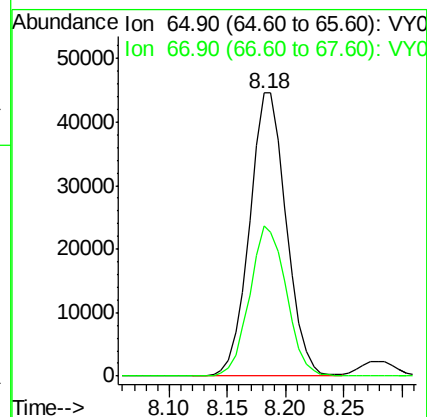
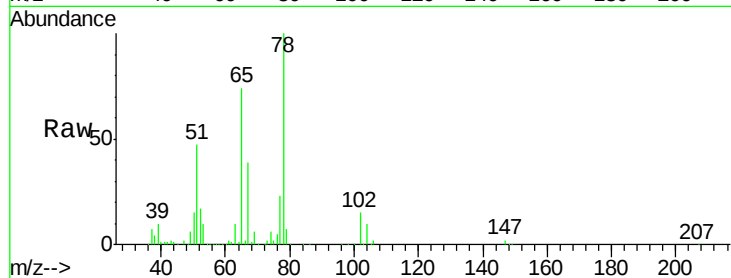
67 52.9 0.0 105.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.73 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

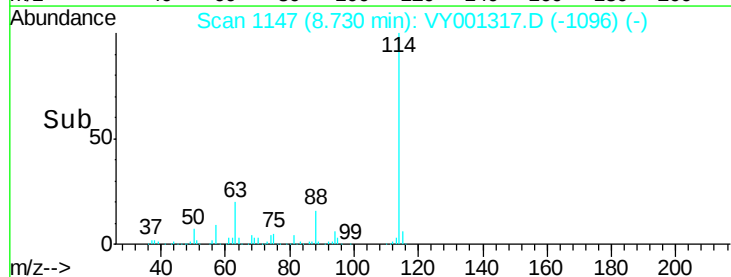
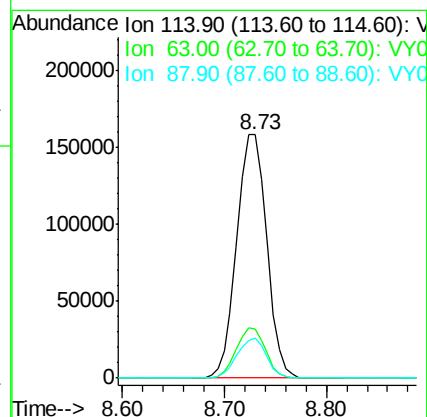
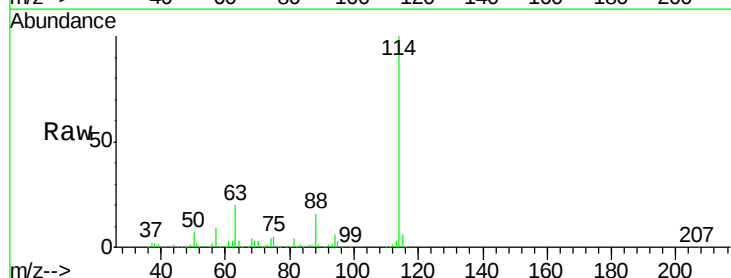
Tgt Ion: 114 Resp: 321850

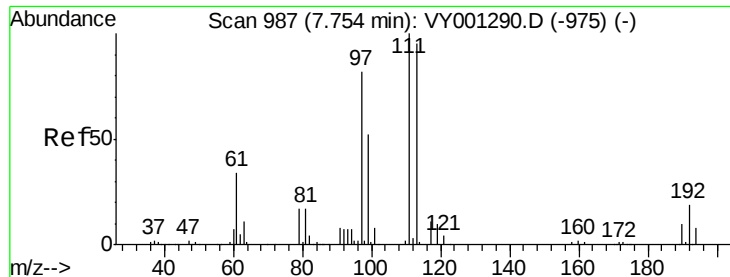
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.2 0.0 32.4





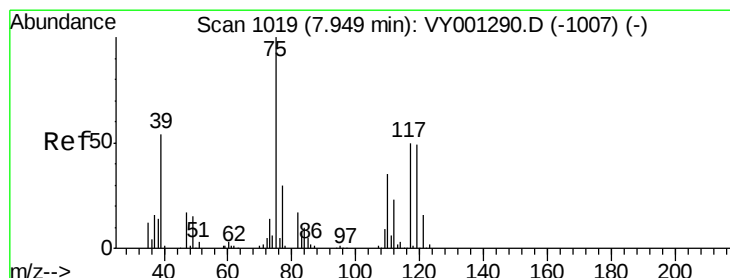
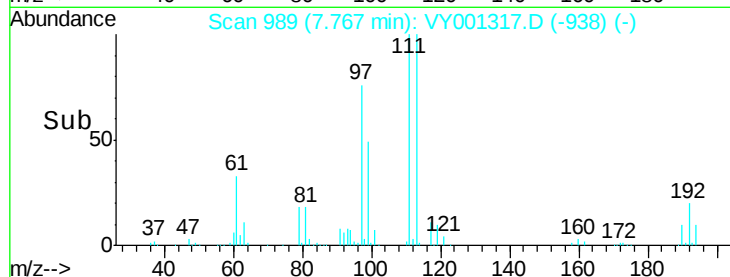
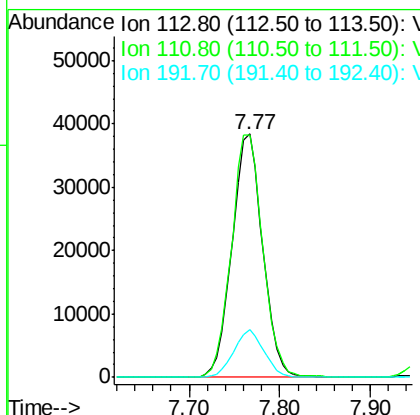
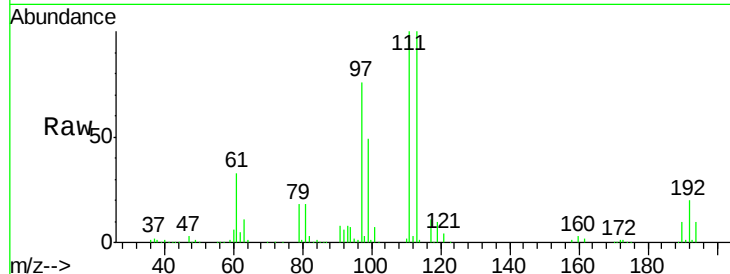
#35
 Dibromofluoromethane
 Concen: 47.686 ug/l
 RT: 7.77 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89860		
111	102.5	82.9	124.3	
192	19.3	15.4	23.2	

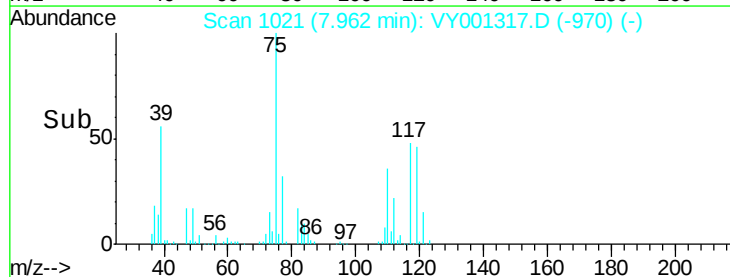
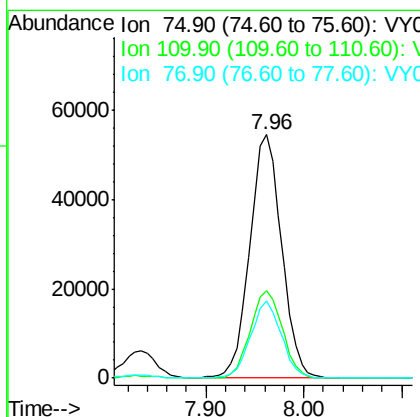
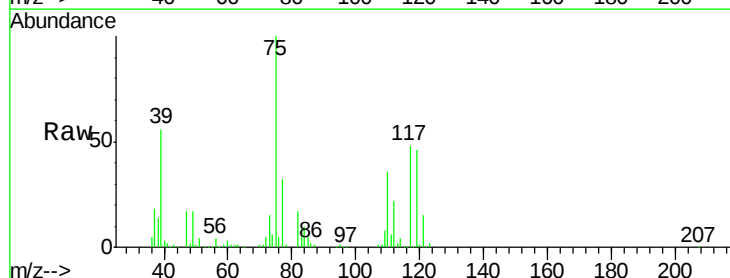
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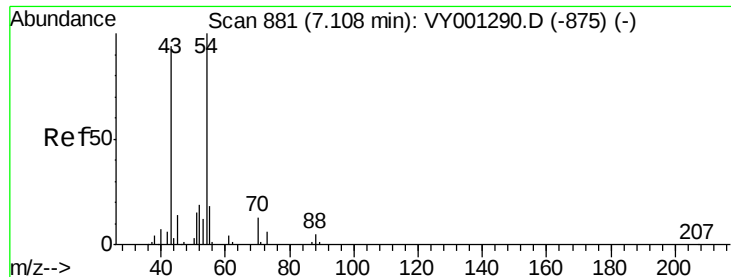
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#36
 1,1-Dichloropropene
 Concen: 42.267 ug/l
 RT: 7.96 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123988		
110	35.9	18.3	54.8	
77	30.8	25.1	37.7	





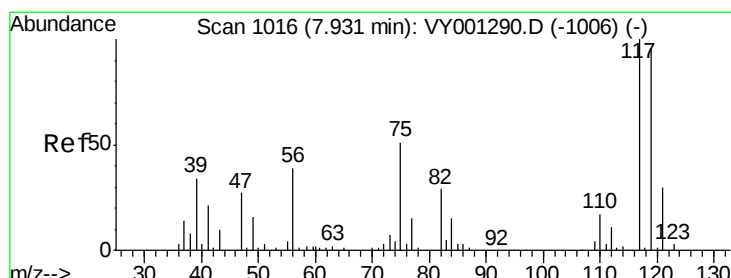
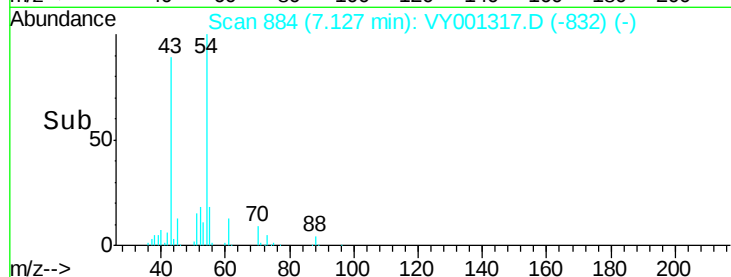
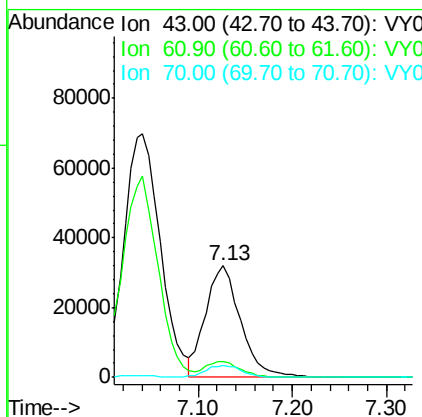
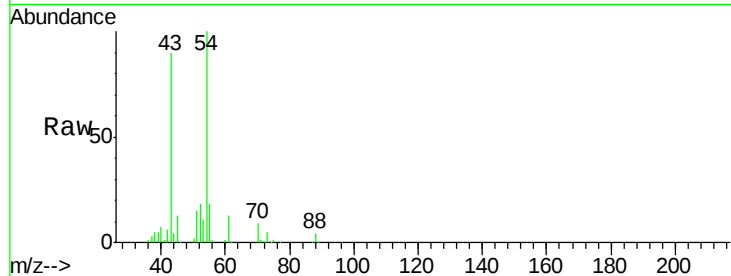
#37
Ethyl Acetate
Concen: 47.635 ug/l
RT: 7.13 min Scan# 884
Delta R.T. 0.02 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.9	9.7	14.5

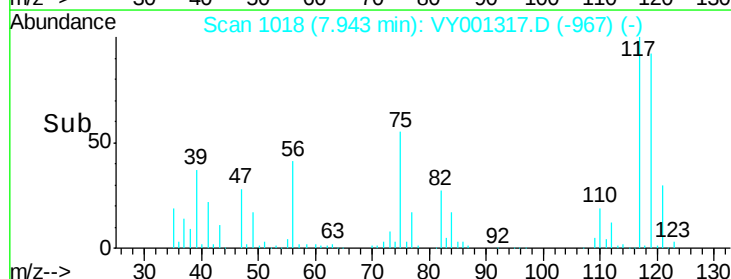
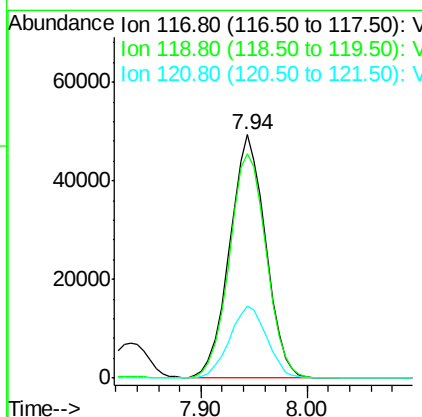
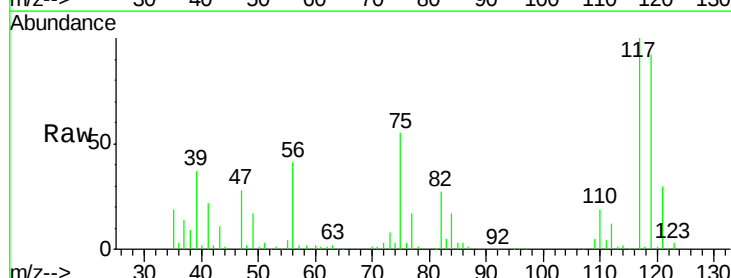
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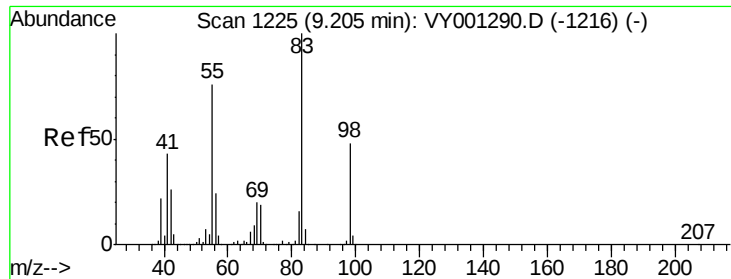
MMDadoda
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#38
Carbon Tetrachloride
Concen: 43.499 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	78.3	117.5
121	29.8	23.5	35.3





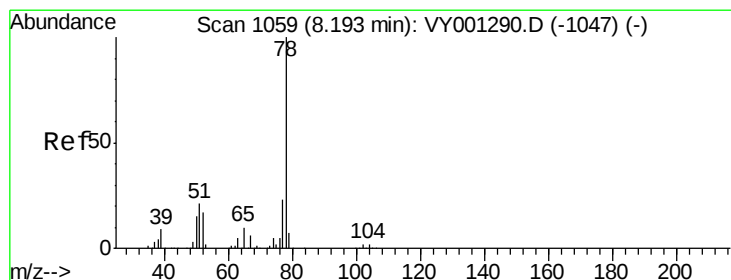
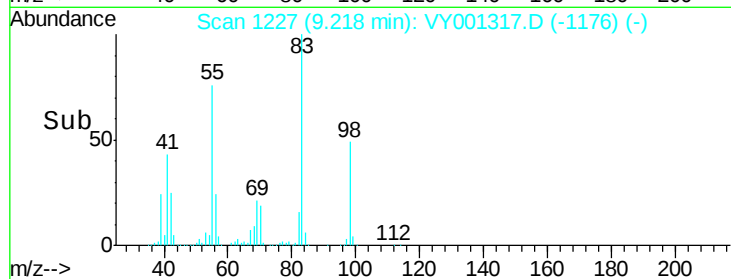
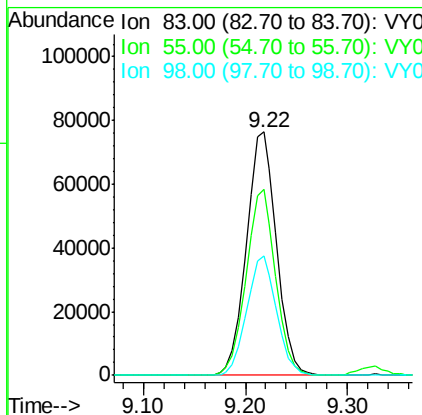
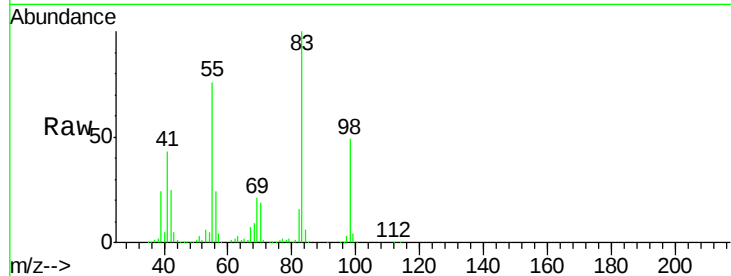
#39
Methvlcvclohexane
Concen: 39.238 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	156050		
55	76.2		58.9	88.3
98	49.3		38.4	57.6

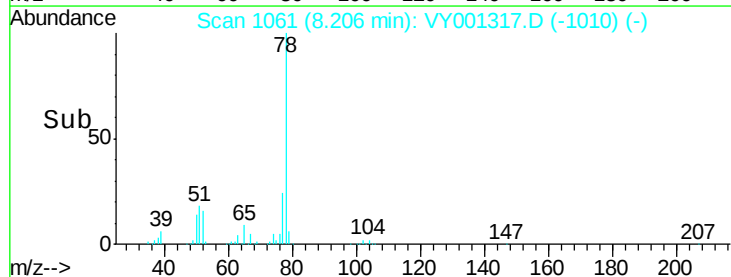
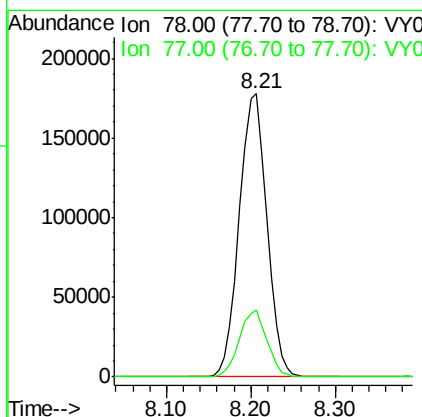
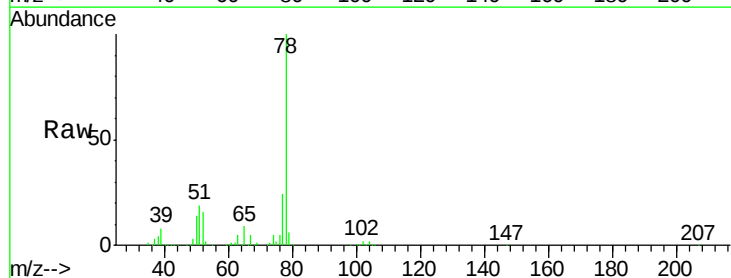
Manual Integrations
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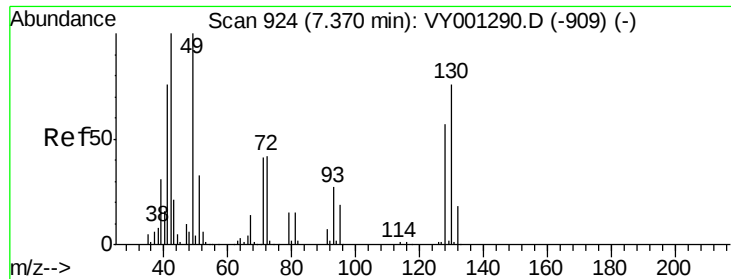
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#40
Benzene
Concen: 45.949 ug/l
RT: 8.21 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	393458		
77	23.9		18.8	28.2





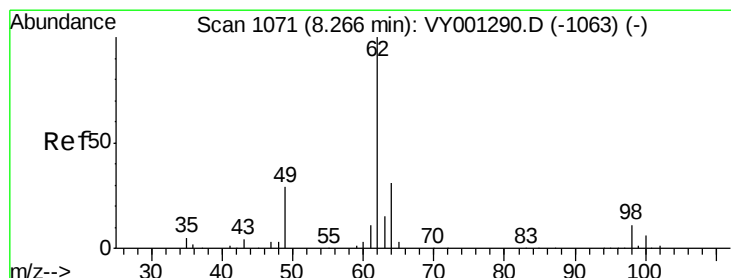
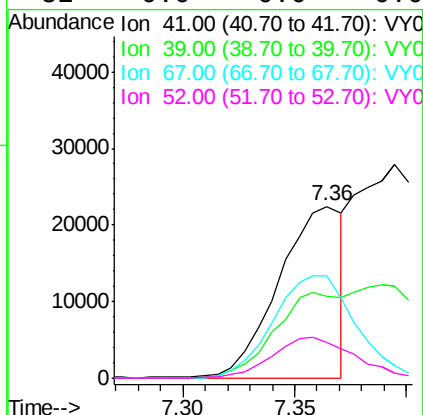
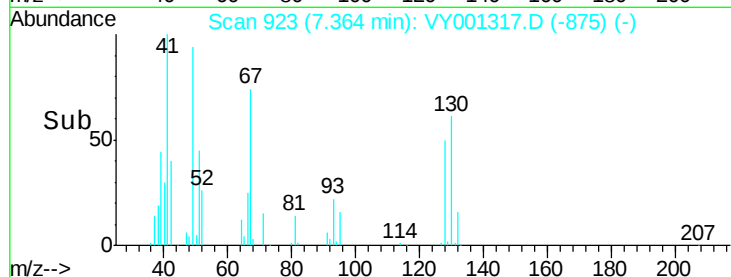
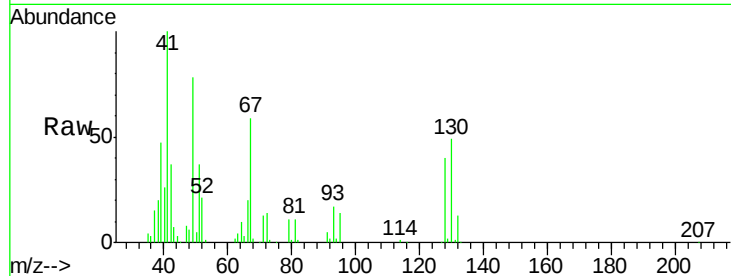
#41
Methacrylonitrile
Concen: 55.215 ug/l m
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

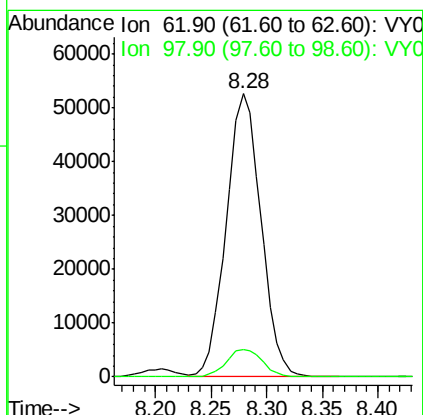
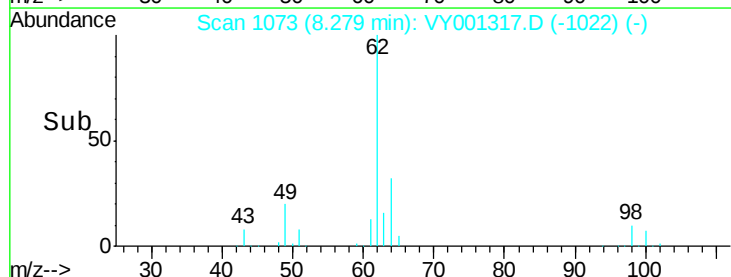
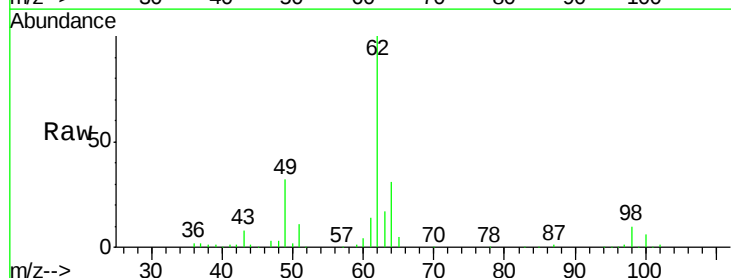
Manual Integrations
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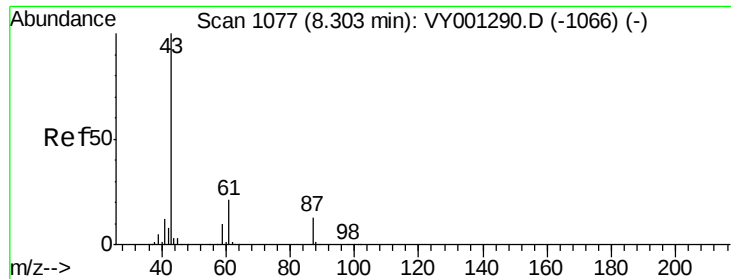
MMDadoda
1/21/2020 10:59:42 AM



#42
1,2-Dichloroethane
Concen: 47.487 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





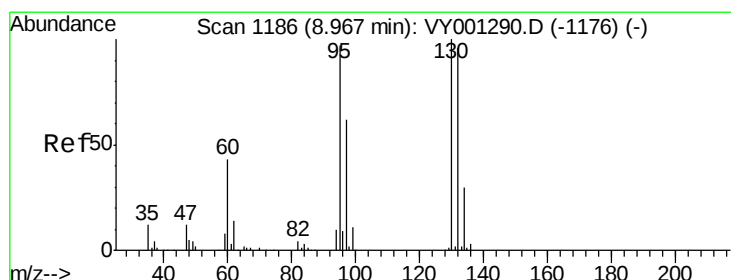
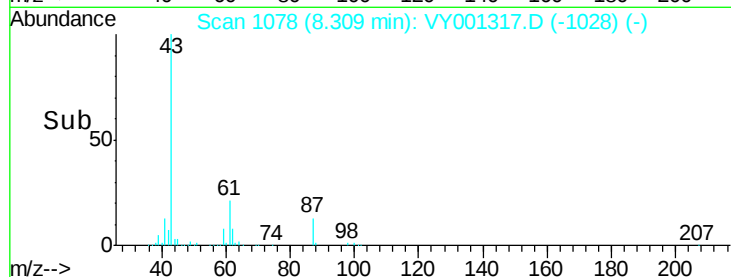
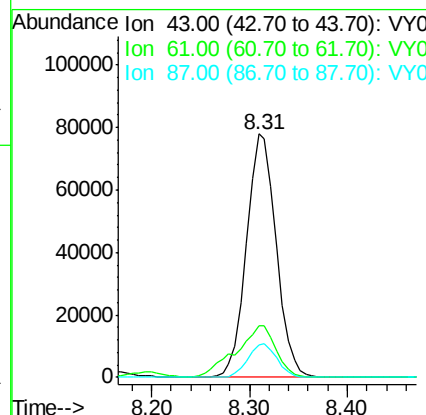
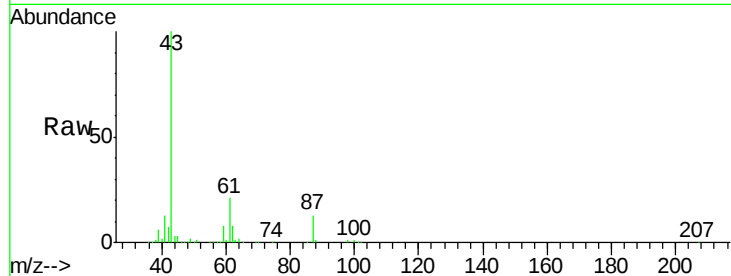
#43
Isopropyl Acetate
Concen: 49.517 ug/l
RT: 8.31 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.9	35.9
87	13.5	11.4	17.2

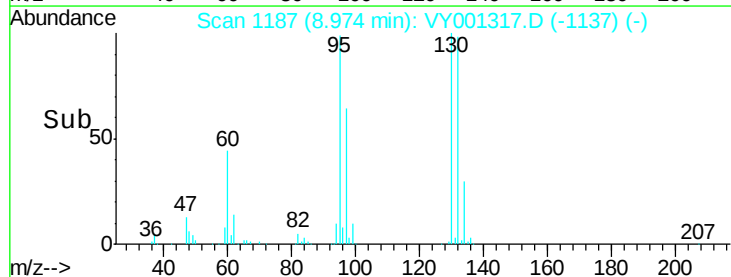
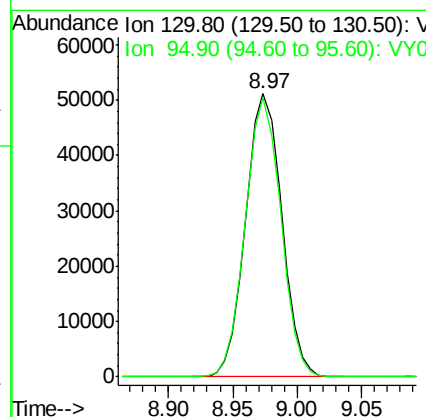
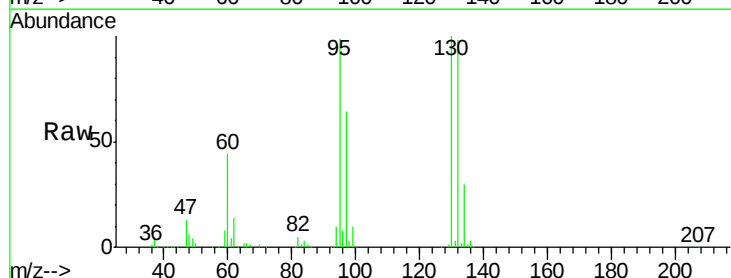
Manual Integrations
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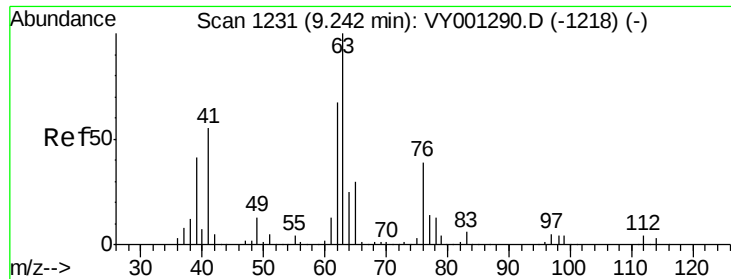
MMDadoda
1/21/2020 10:59:42 AM



#44
Trichloroethene
Concen: 44.736 ug/l
RT: 8.97 min Scan# 1187
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	197.6





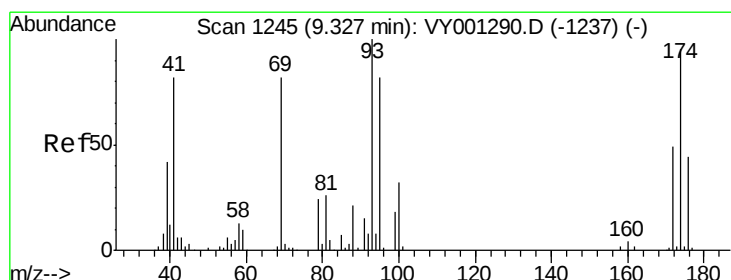
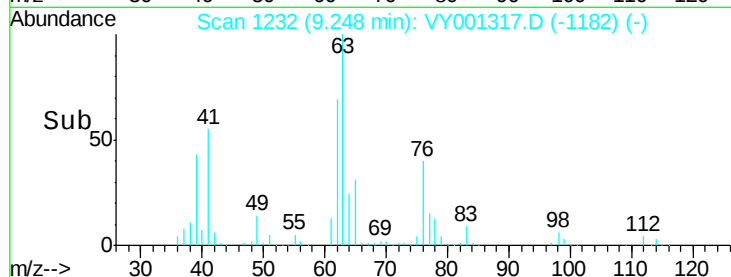
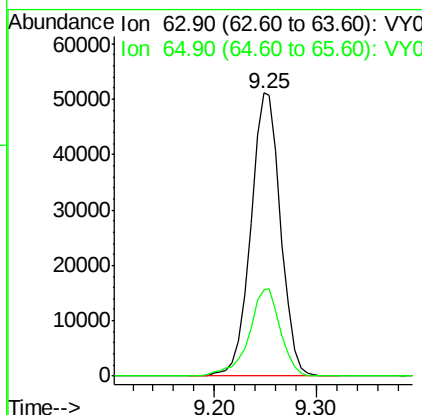
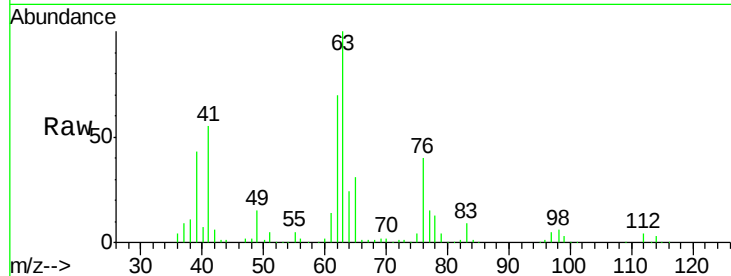
#45
 1,2-Dichloropropane
 Concen: 48.934 ug/l
 RT: 9.25 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 103590
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8

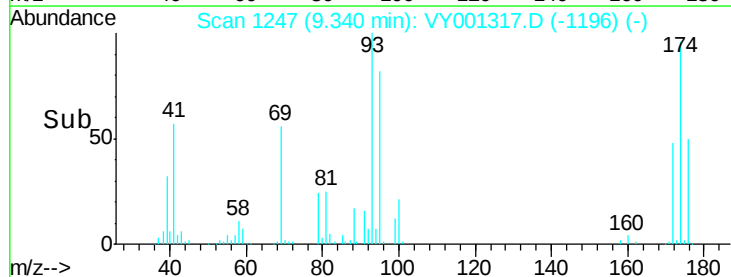
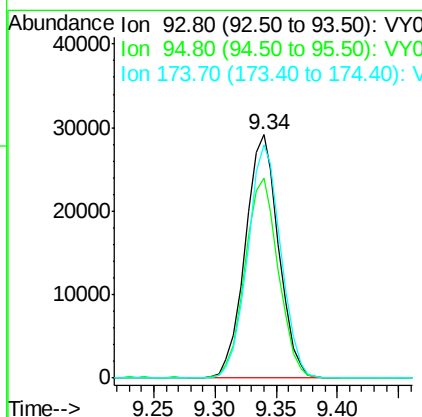
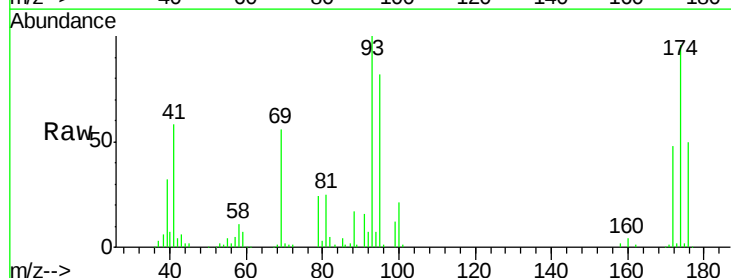
Manual Integrations
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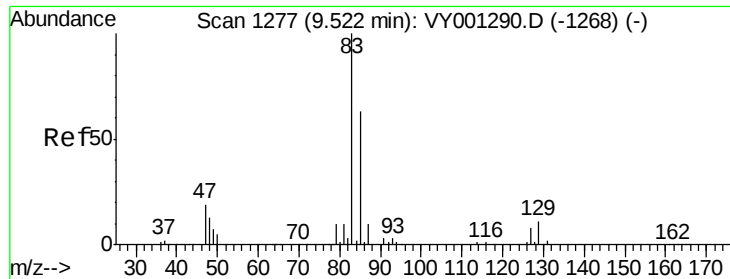
MMDadoda
 1/21/2020 10:59:42 AM



#46
 Dibromomethane
 Concen: 47.907 ug/l
 RT: 9.34 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion: 93 Resp: 55334
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.8 100.2
 174 95.4 78.4 117.6





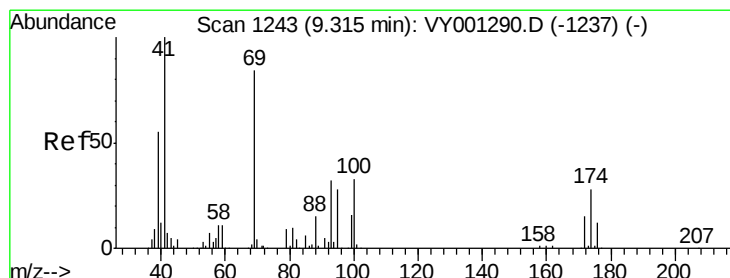
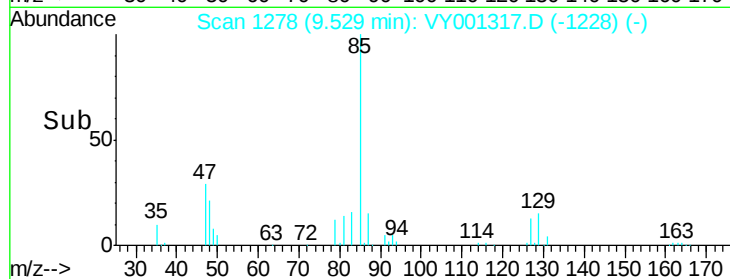
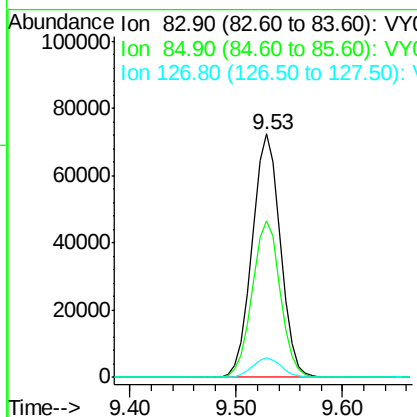
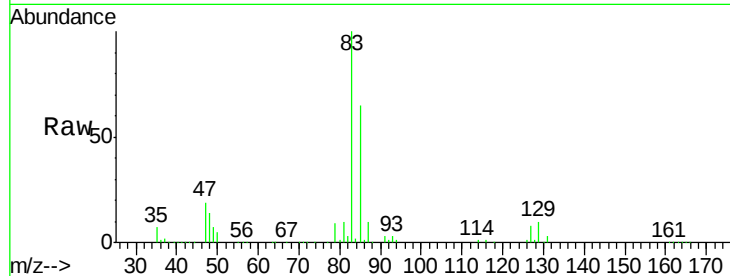
#47
Bromodichloromethane
Concen: 47.678 ug/l
RT: 9.53 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	134210		
85	64.6	51.5	77.3	
127	8.3	6.3	9.5	

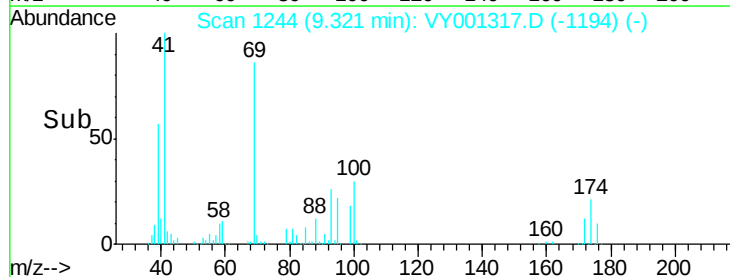
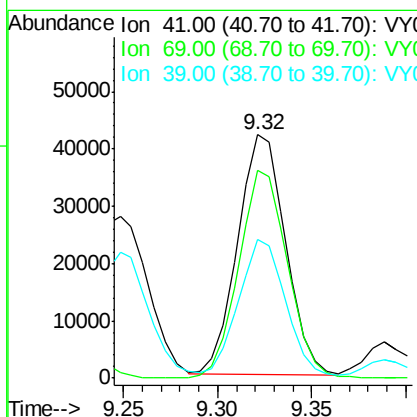
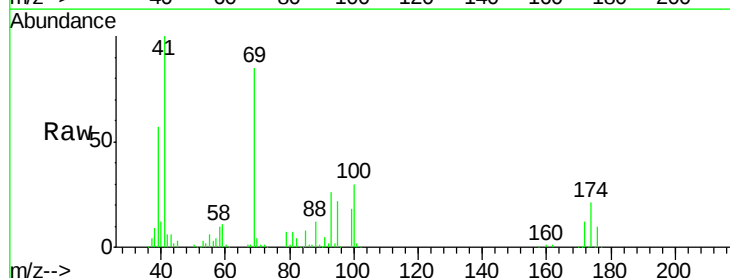
Manual Integrations
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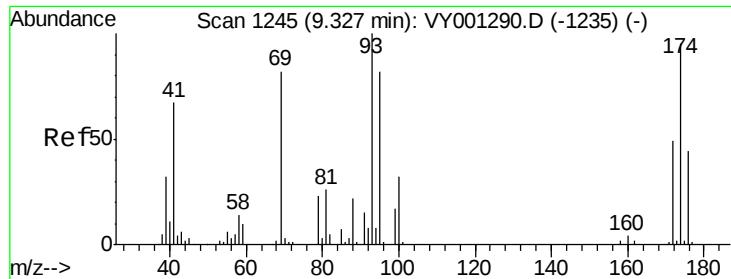
MMDadoda
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#48
Methyl methacrylate
Concen: 48.132 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	73324		
69	89.0	69.8	104.8	
39	57.7	45.2	67.8	





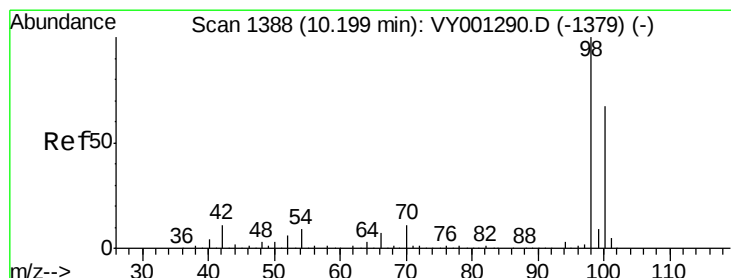
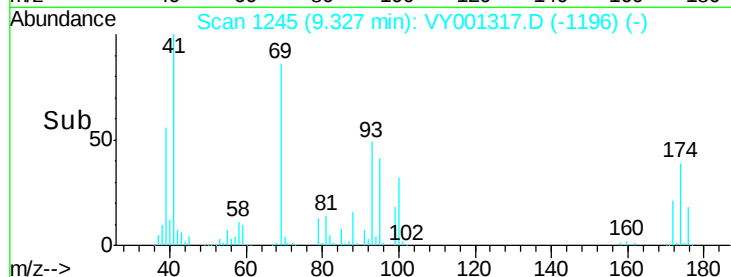
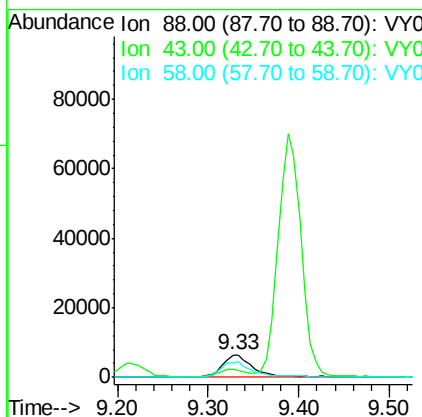
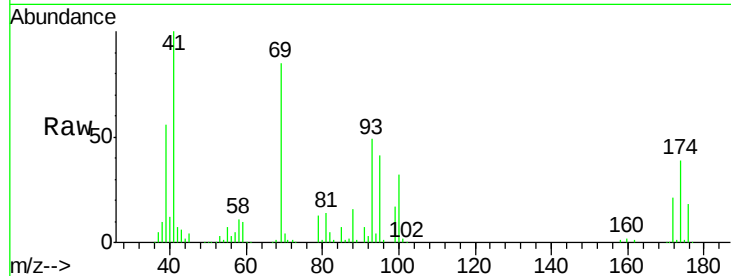
#49
 1,4-Dioxane
 Concen: 1130.005 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	22.4	33.6
58	75.7	58.0	87.0

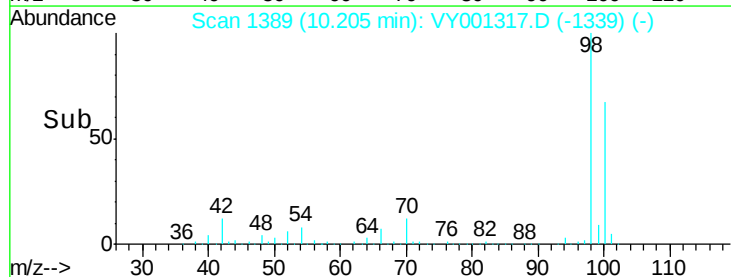
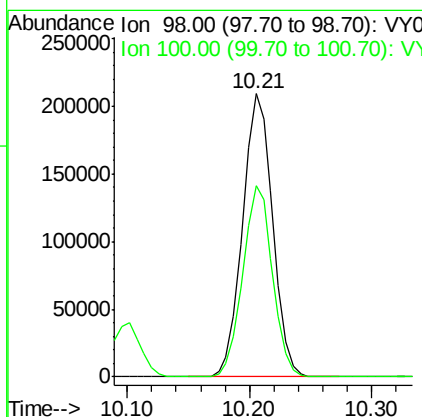
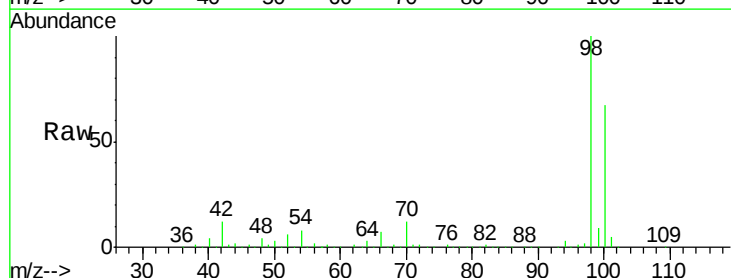
Manual Integrations
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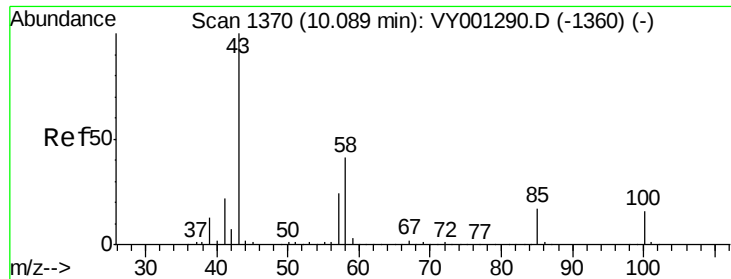
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#50
 Toluene-d8
 Concen: 49.069 ug/l
 RT: 10.21 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7





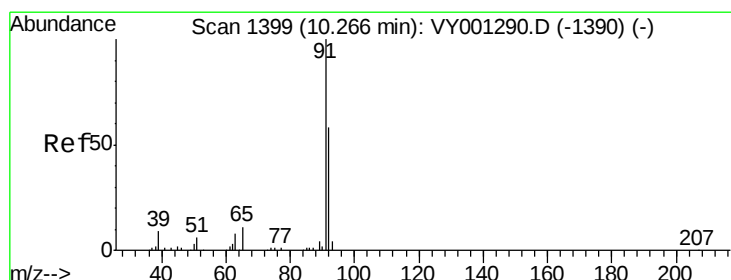
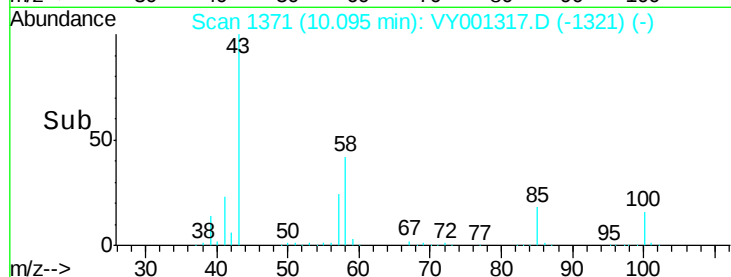
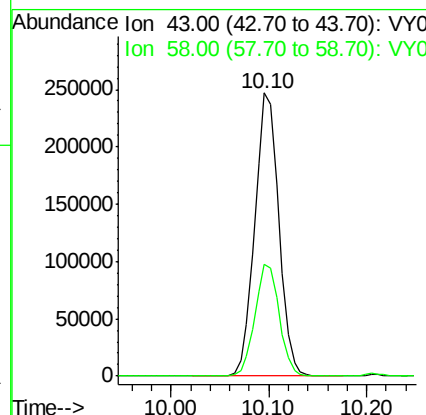
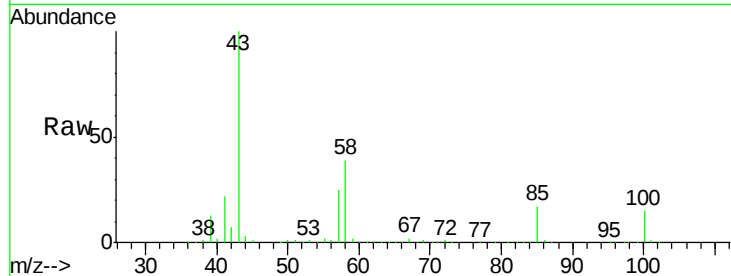
#51
4-Methyl-2-Pentanone
Concen: 251.478 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	39.8		32.3	48.5	

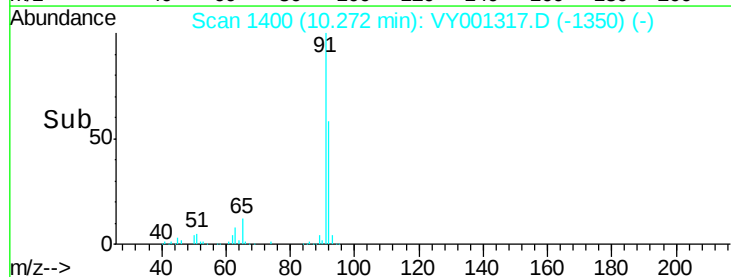
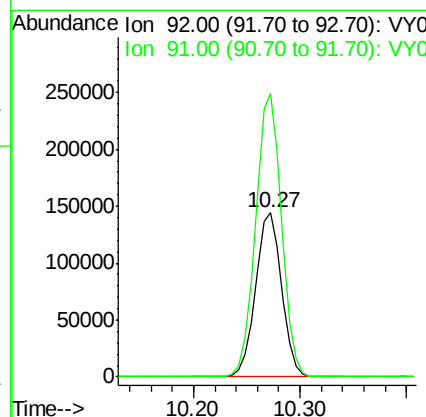
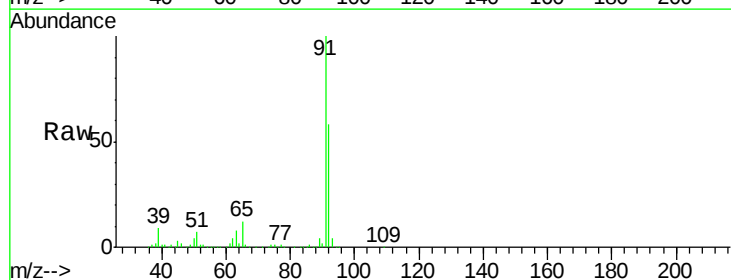
Manual Integrations
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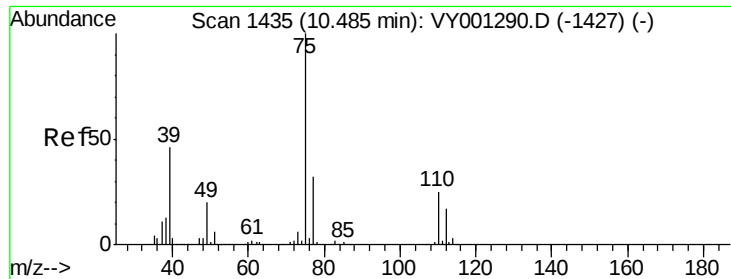
MMDadoda
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#52
Toluene
Concen: 45.188 ug/l
RT: 10.27 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	171.6		136.6	204.8	





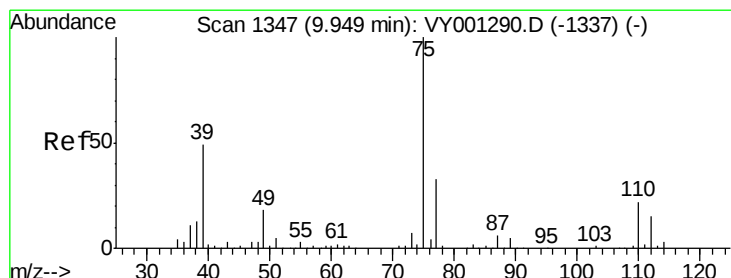
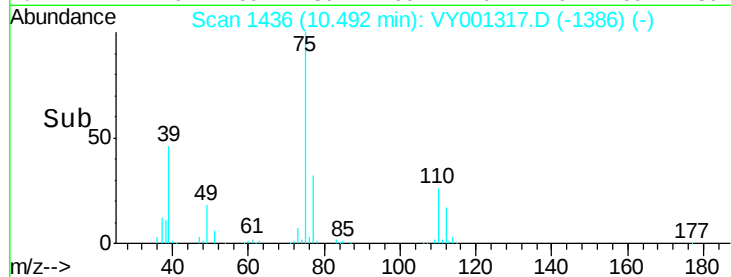
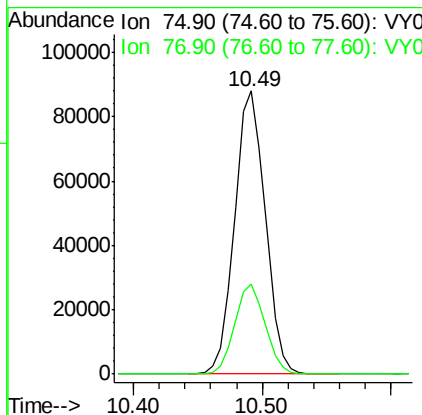
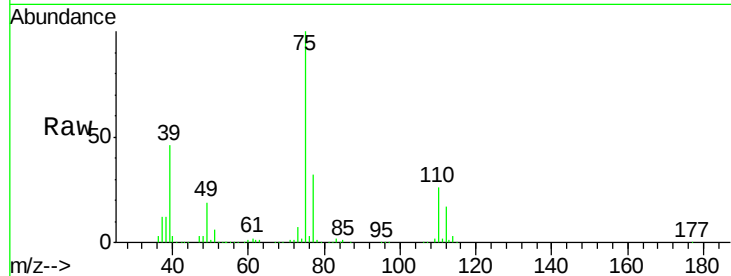
#53
t-1,3-Dichloropropene
Concen: 46.070 ug/l
RT: 10.49 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 145117
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2

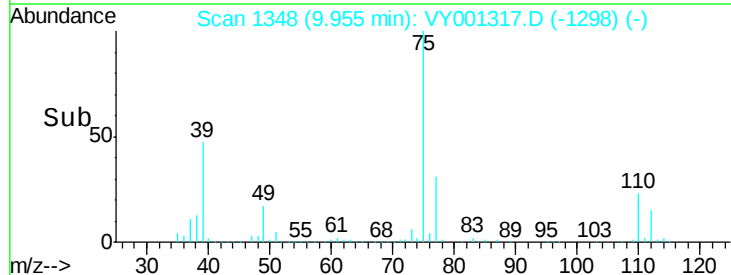
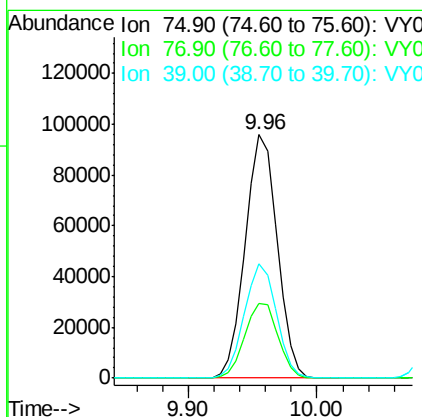
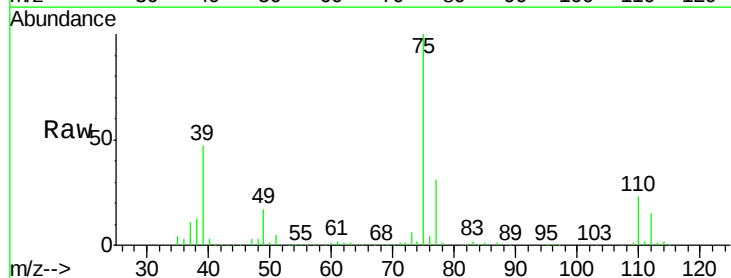
Manual Integrations
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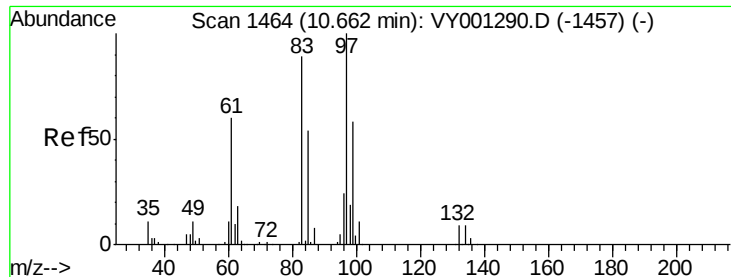
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#54
cis-1,3-Dichloropropene
Concen: 46.354 ug/l
RT: 9.96 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion: 75 Resp: 164621
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 46.8 39.1 58.7





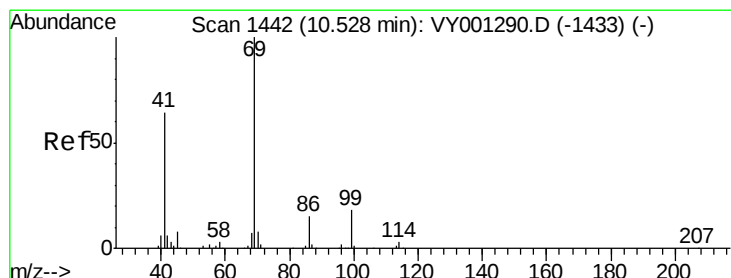
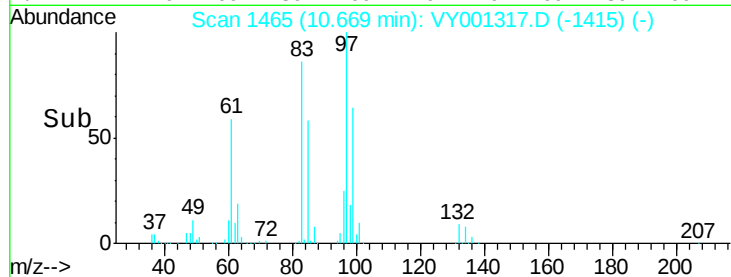
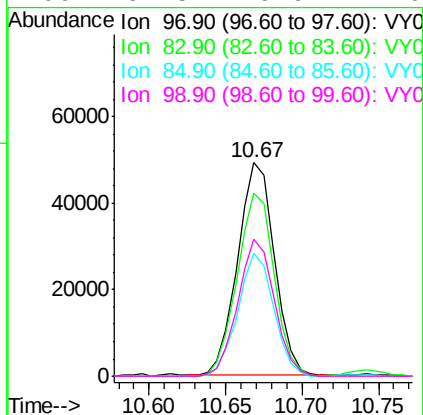
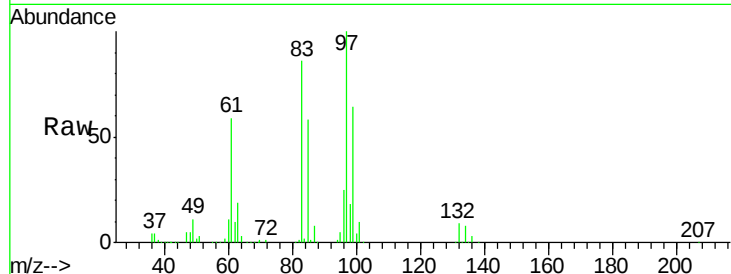
#55
 1,1,2-Trichloroethane
 Concen: 47.968 ug/l
 RT: 10.67 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	82137
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.2	100.8
85	57.8	44.9	67.3
99	64.5	49.9	74.9

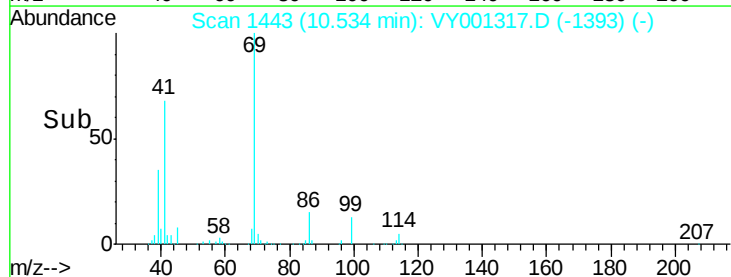
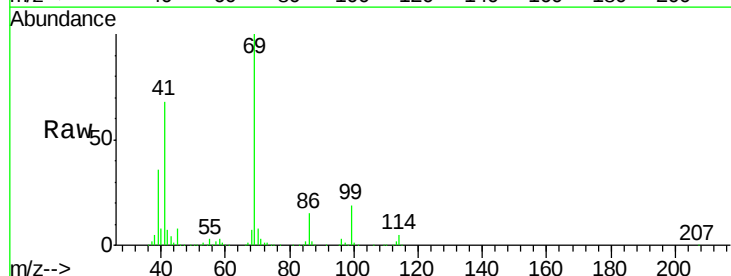
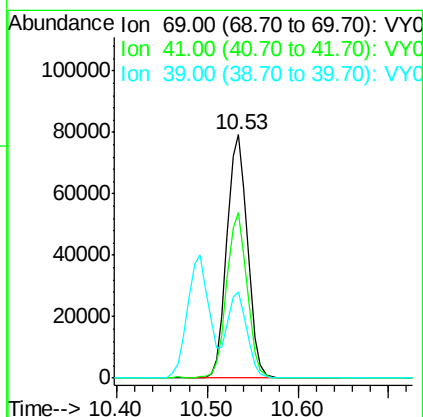
Manual Integrations
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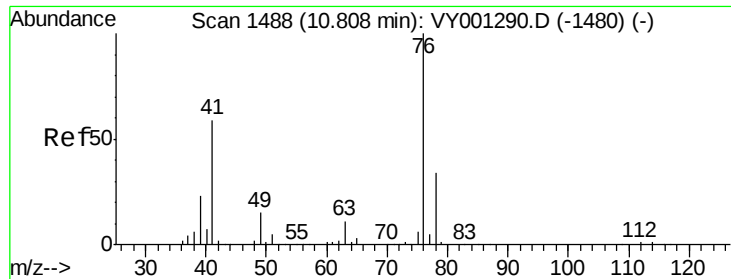
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#56
 Ethyl methacrylate
 Concen: 48.014 ug/l
 RT: 10.53 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion:	69	Resp:	125765
Ion	Ratio	Lower	Upper
69	100		
41	65.9	51.4	77.2
39	35.0	26.3	39.5





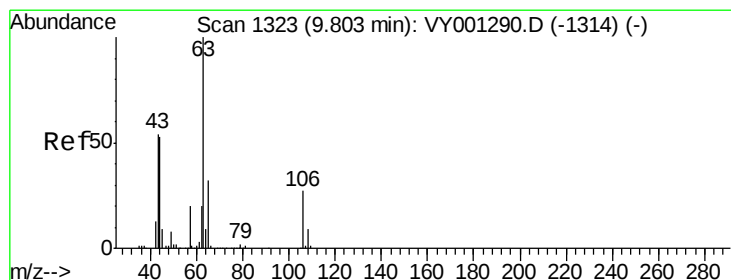
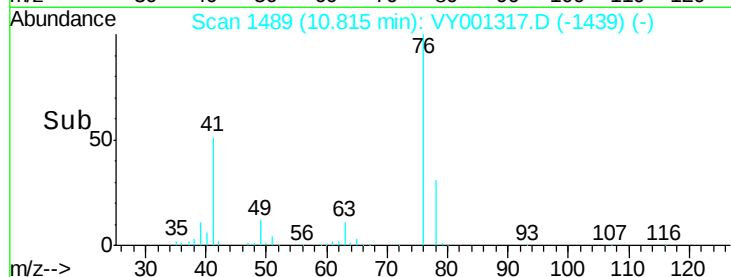
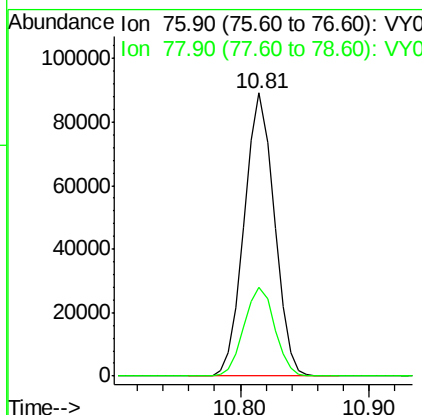
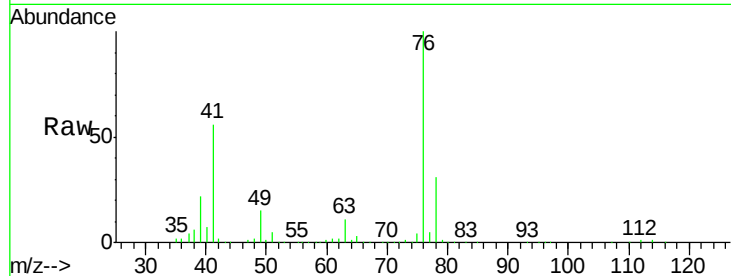
#57
 1,3-Dichloropropane
 Concen: 48.966 ug/l
 RT: 10.81 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

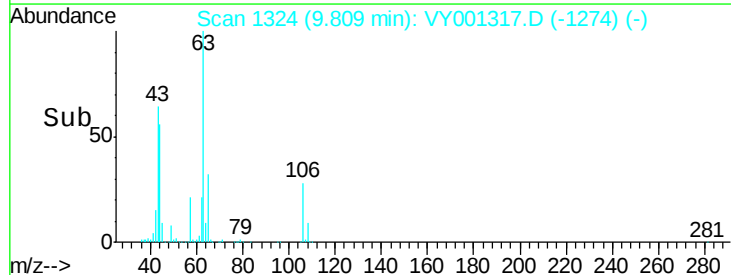
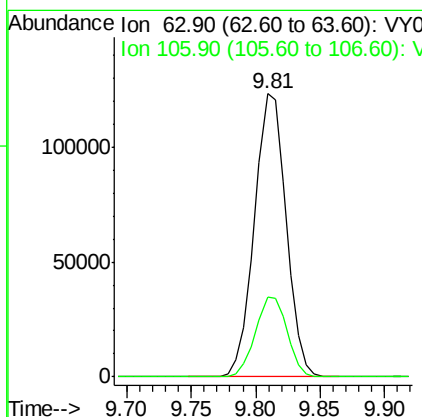
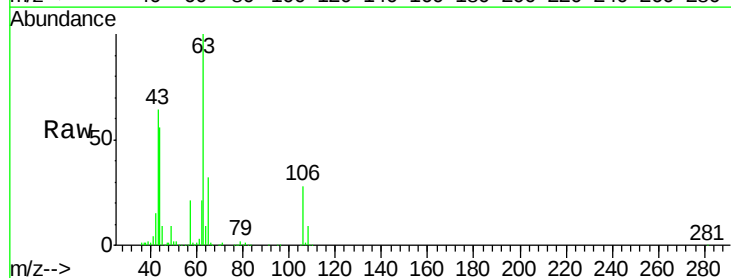
Manual Integrations
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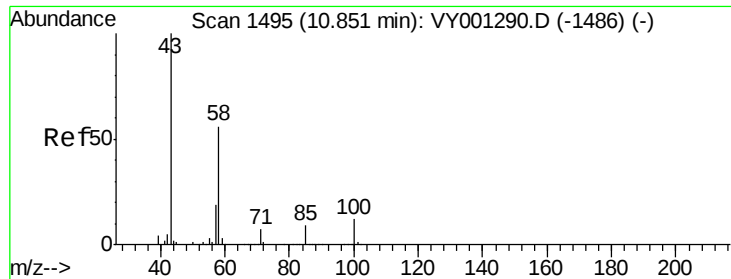
MMDadoda
 1/21/2020 10:59:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.588 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.0	34.6





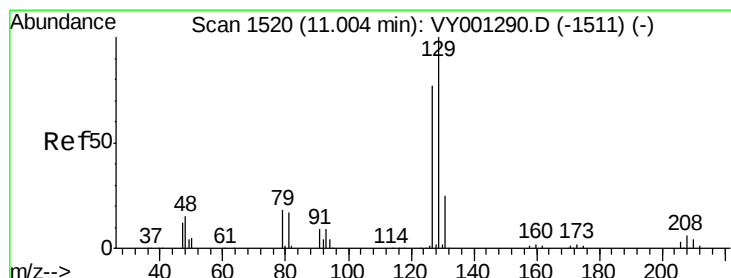
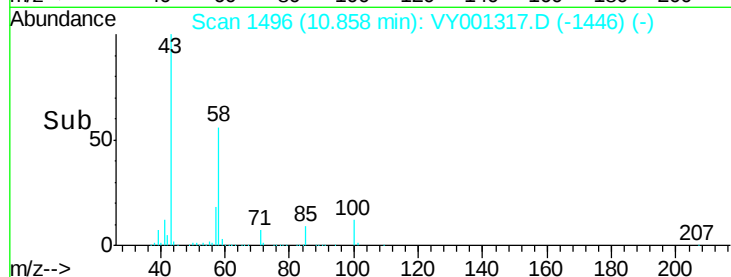
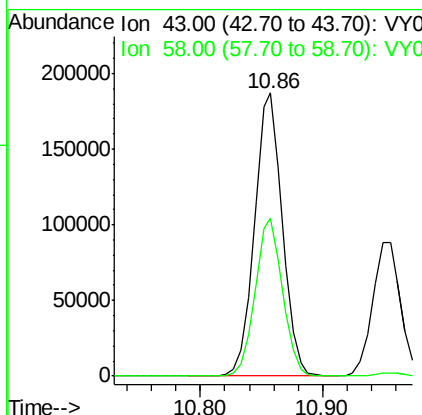
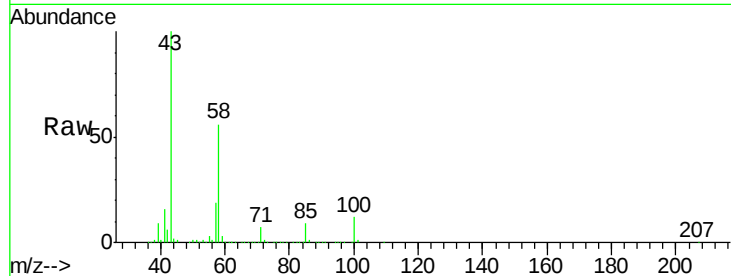
#59
2-Hexanone
Concen: 252.260 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 295313
Ion Ratio Lower Upper
43 100
58 55.3 28.4 85.2

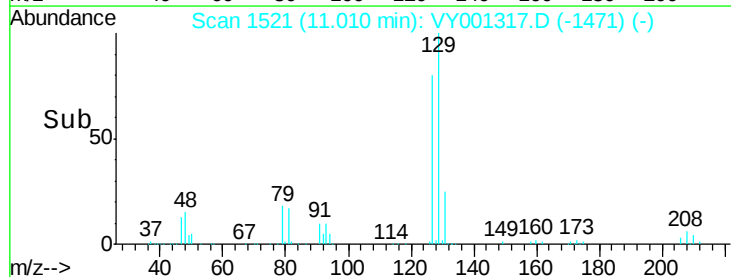
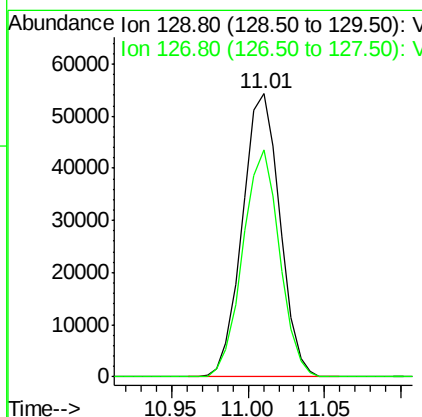
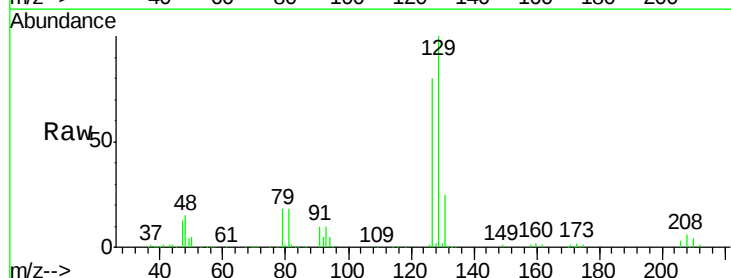
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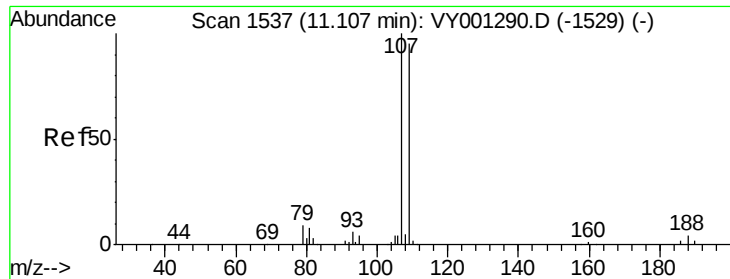
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#60
Dibromochloromethane
Concen: 47.067 ug/l
RT: 11.01 min Scan# 1521
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion: 129 Resp: 92795
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





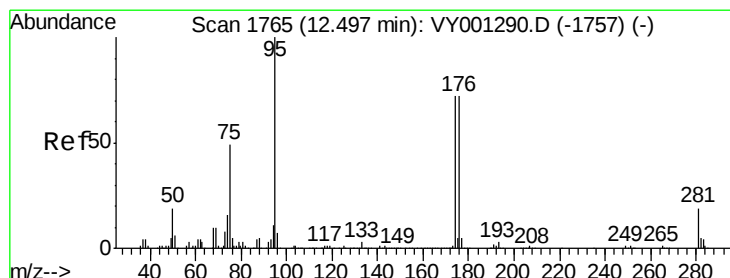
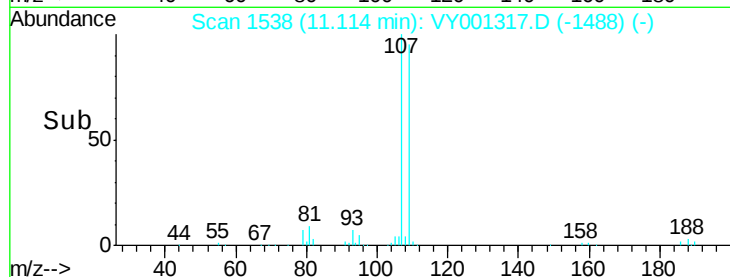
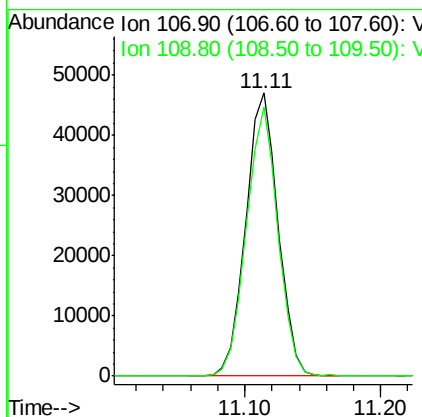
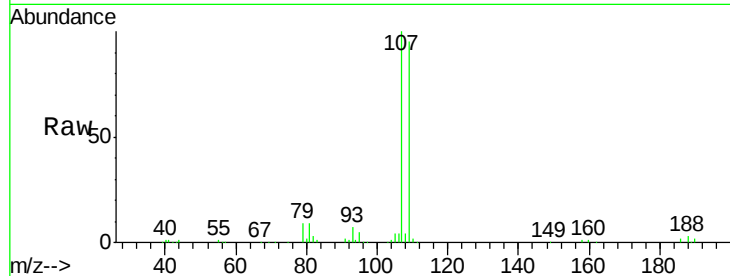
#61
 1,2-Dibromoethane
 Concen: 46.693 ug/l
 RT: 11.11 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 78070
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.0

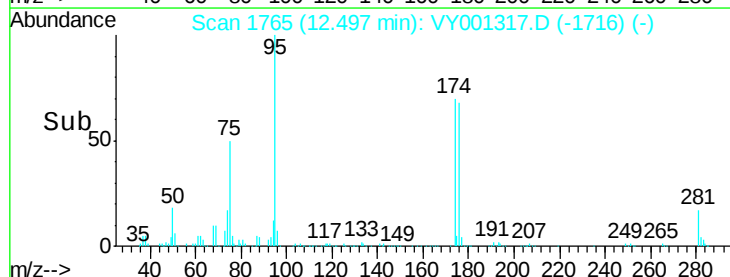
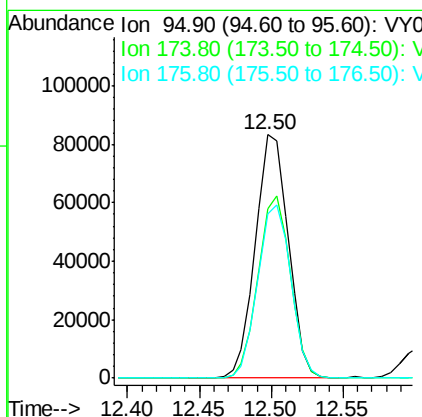
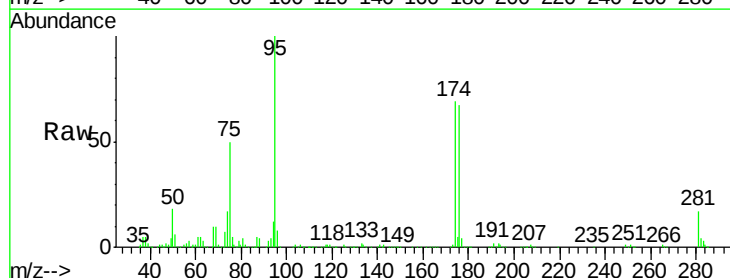
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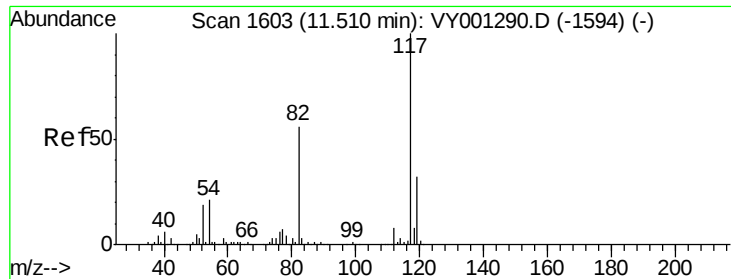
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#62
 4-Bromofluorobenzene
 Concen: 44.464 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion: 95 Resp: 131991
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 143.2
 176 71.5 0.0 136.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

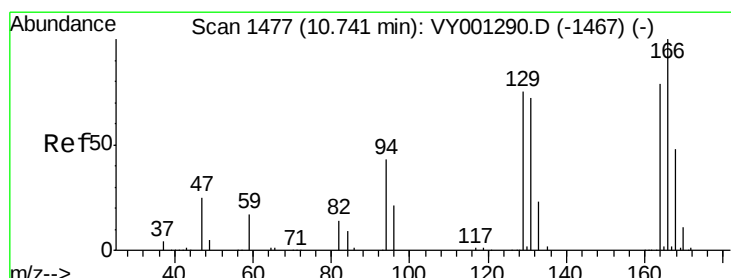
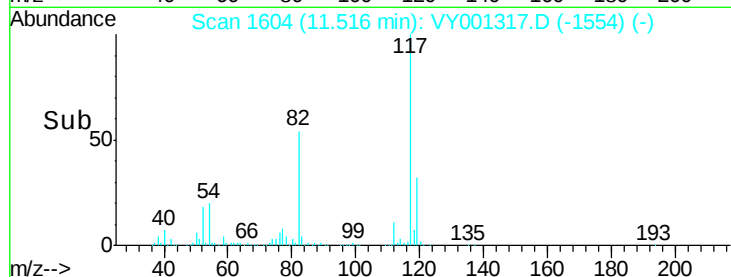
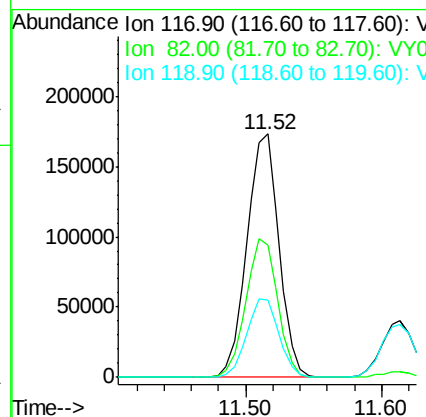
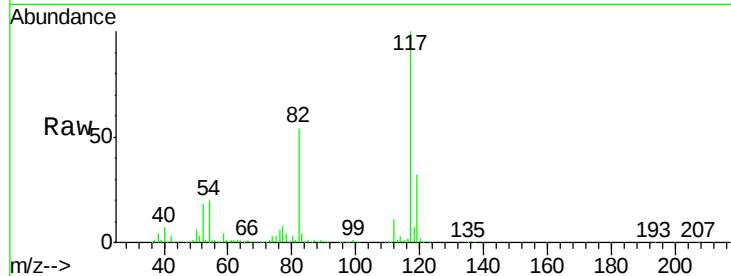
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	285074
Ion Ratio	Lower	Upper	
117	100		
82	54.4	44.9	67.3
119	31.6	25.7	38.5

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#64

Tetrachloroethene

Concen: 42.003 ug/l

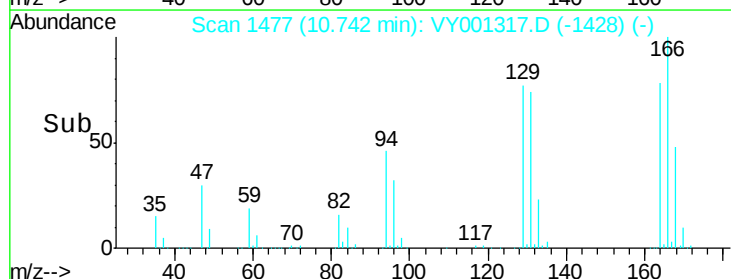
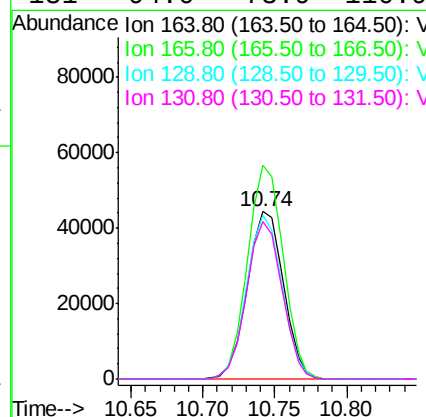
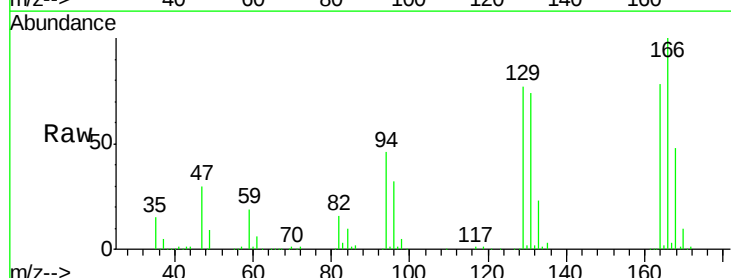
RT: 10.74 min Scan# 1477

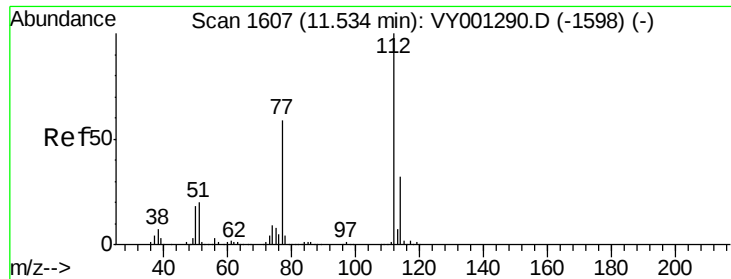
Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion:	164	Resp:	77187
Ion Ratio	Lower	Upper	
164	100		
166	127.7	102.3	153.5
129	98.0	76.2	114.4
131	94.0	73.9	110.9





#65

Chlorobenzene

Concen: 45.736 ug/l

RT: 11.54 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 260522

Ion Ratio Lower Upper

112 100

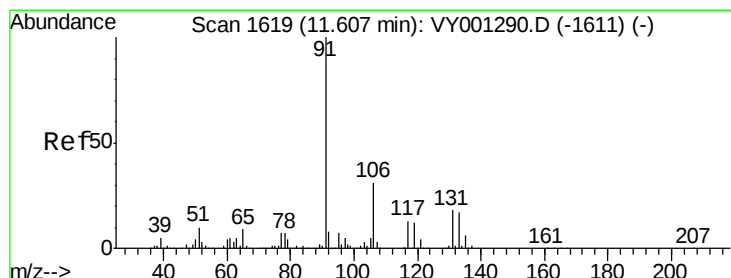
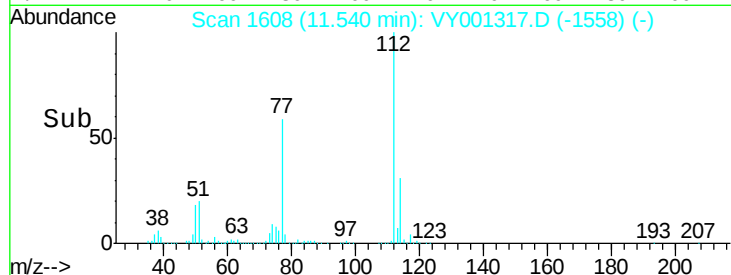
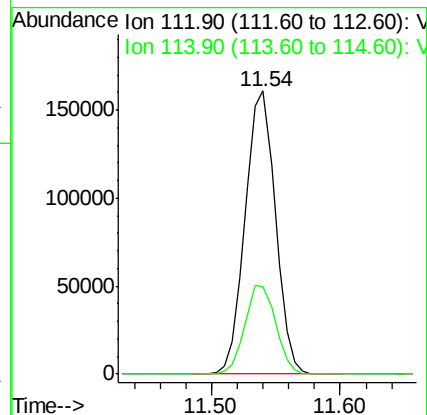
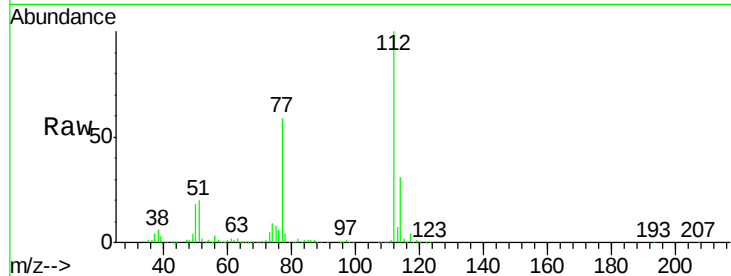
114 31.0 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 47.634 ug/l

RT: 11.61 min Scan# 1620

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

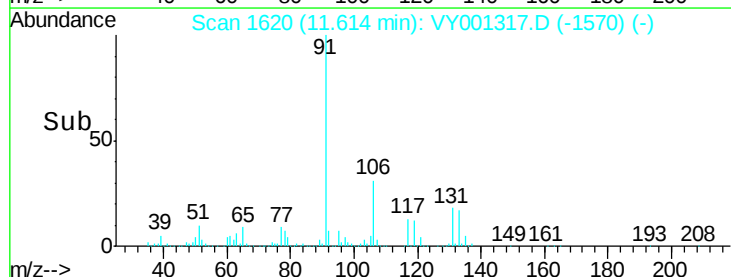
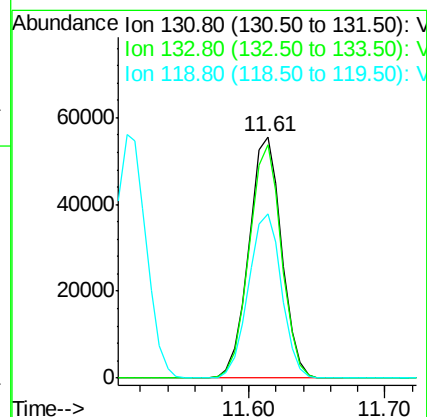
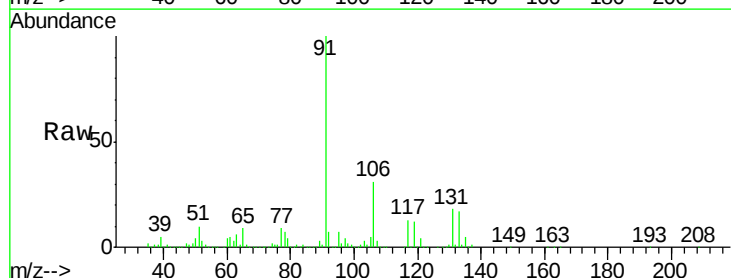
Tgt Ion:131 Resp: 93518

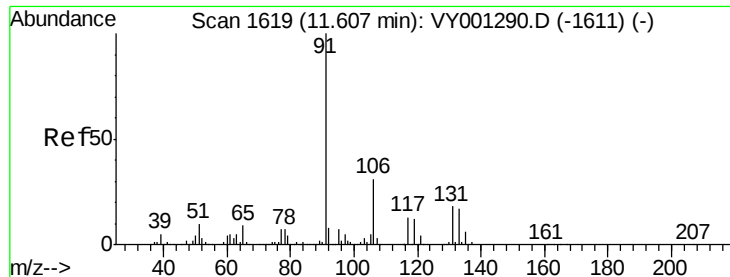
Ion Ratio Lower Upper

131 100

133 95.2 47.3 142.0

119 68.9 33.6 100.8





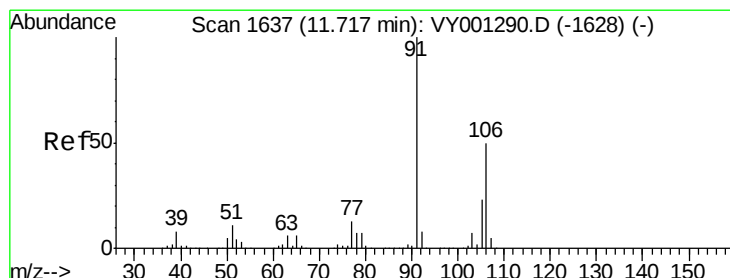
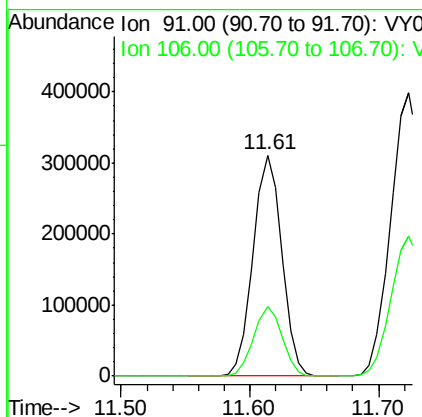
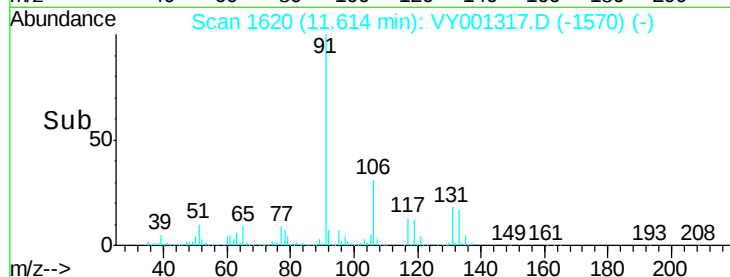
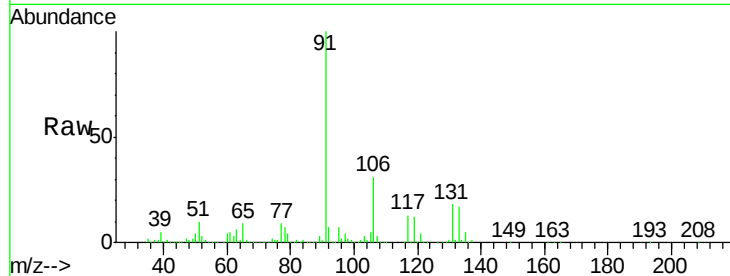
#67
Ethyl Benzene
Concen: 45.760 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 476833
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

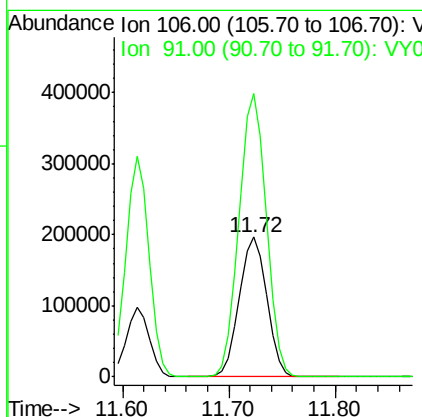
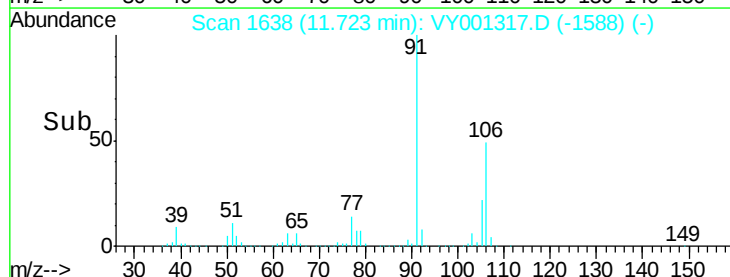
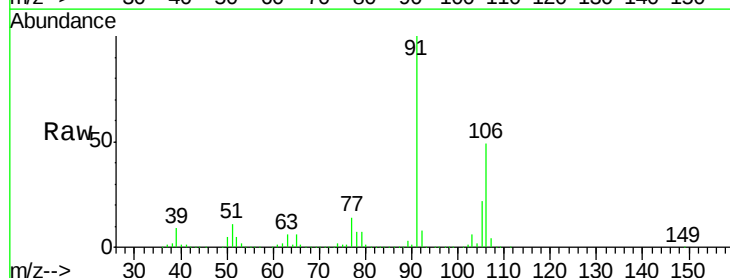
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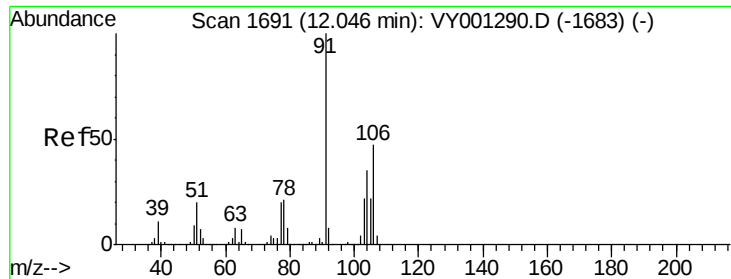
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#68
m/p-Xylenes
Concen: 91.336 ug/l
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion: 106 Resp: 359027
Ion Ratio Lower Upper
106 100
91 200.9 161.4 242.2





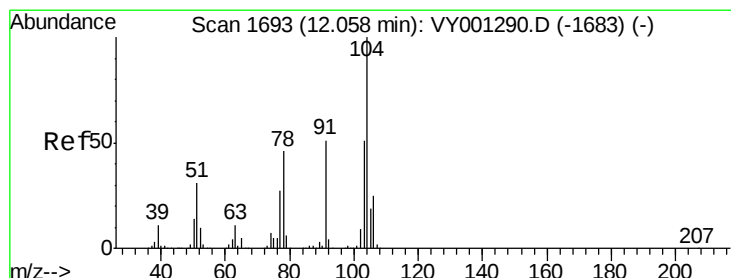
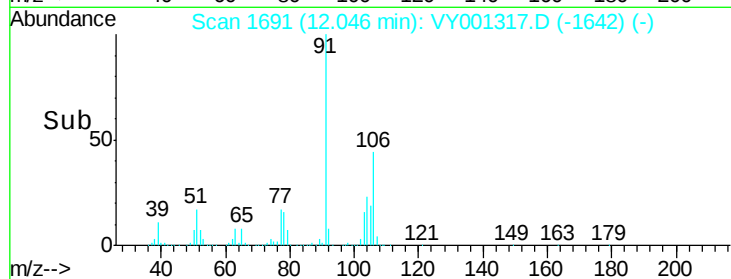
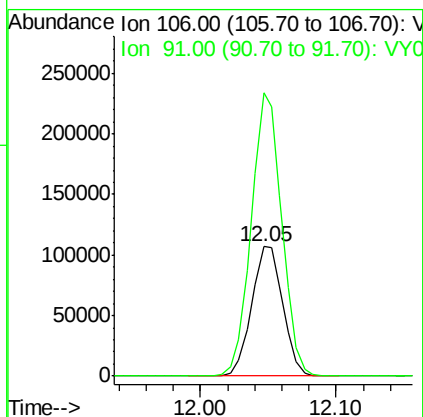
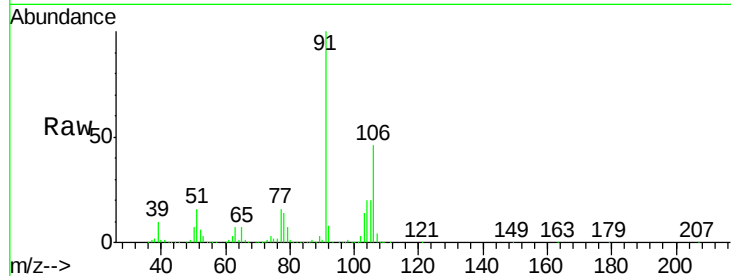
#69
o-Xylene
Concen: 45.562 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.9	106.3	171713	318.8	

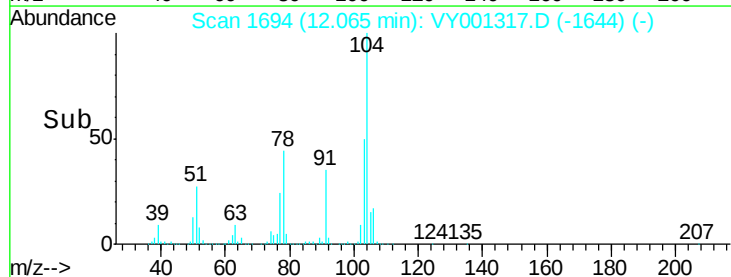
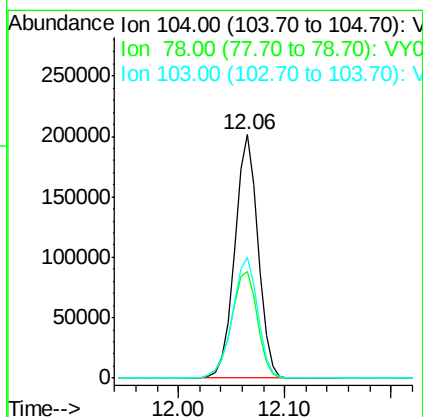
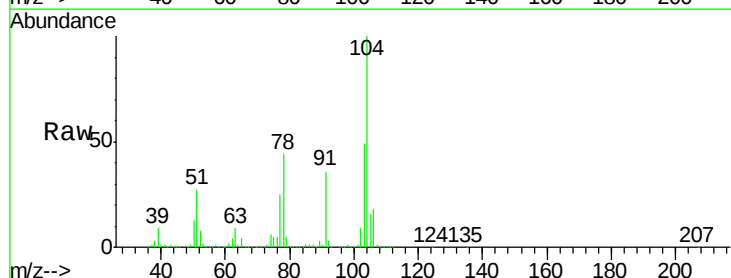
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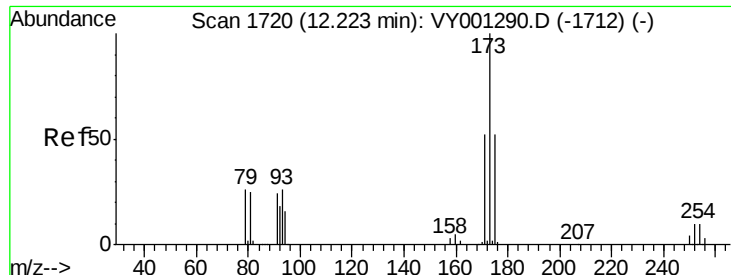
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#70
Styrene
Concen: 46.599 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.3	40.5	308148	60.7	
103	53.9	42.4	63.6		





#71

Bromoform

Concen: 46.469 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 56261

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

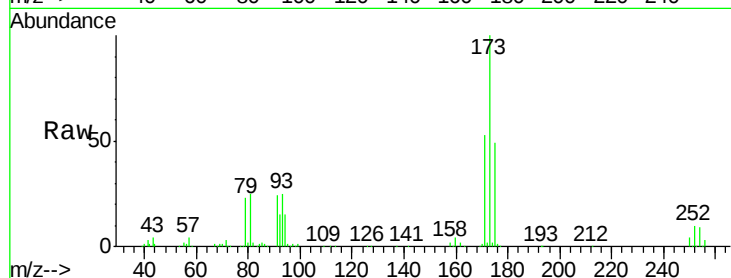
254 0.0 0.1 0.1#

Manual Integrations

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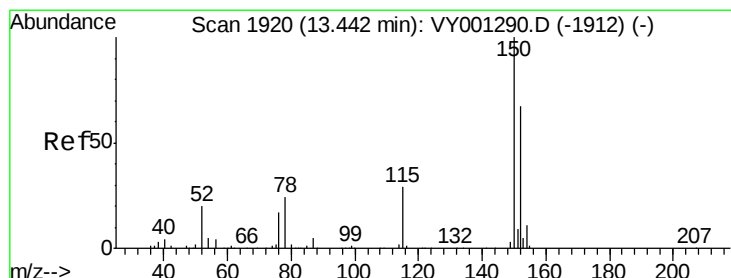
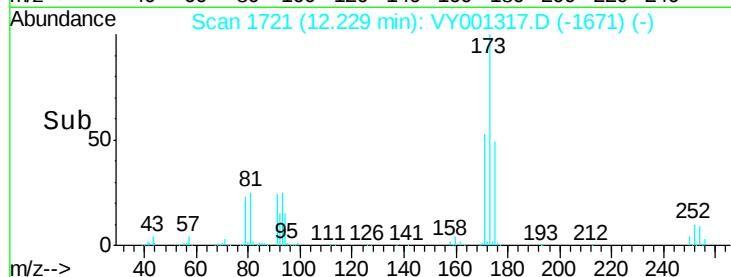
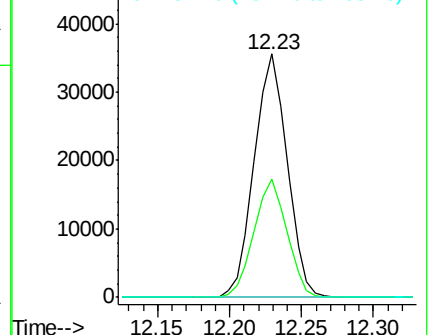
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

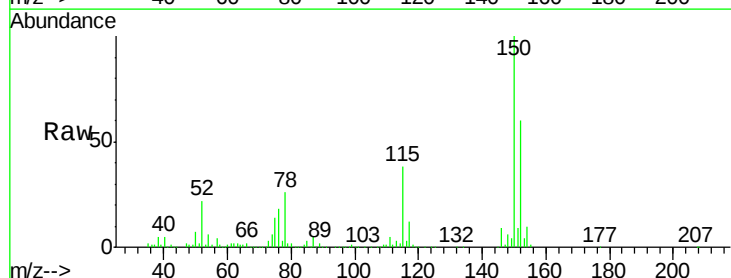
Tgt Ion:152 Resp: 132690

Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.5

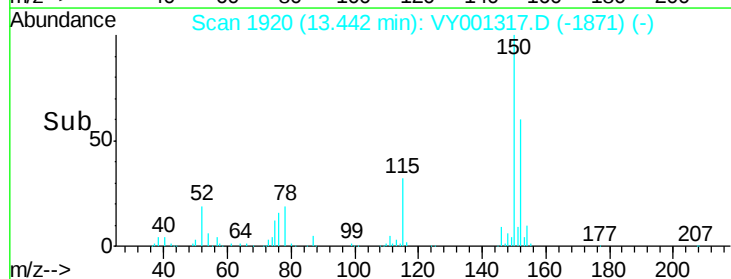
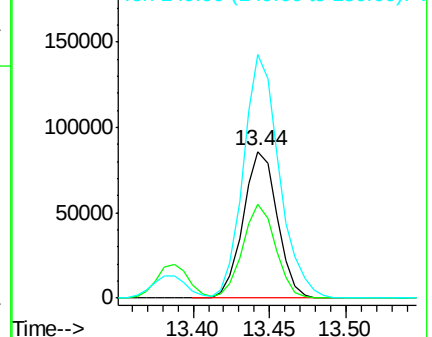
150 174.8 0.0 346.8

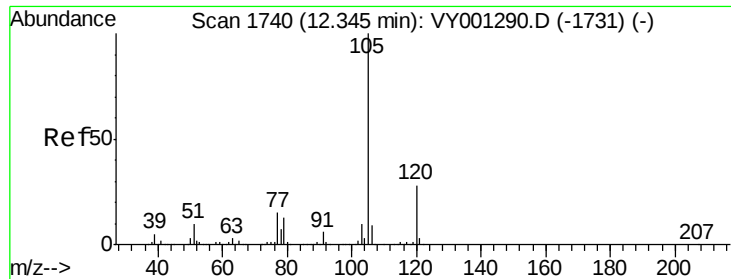


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.987 ug/l

RT: 12.35 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 458733

Ion Ratio Lower Upper

105 100

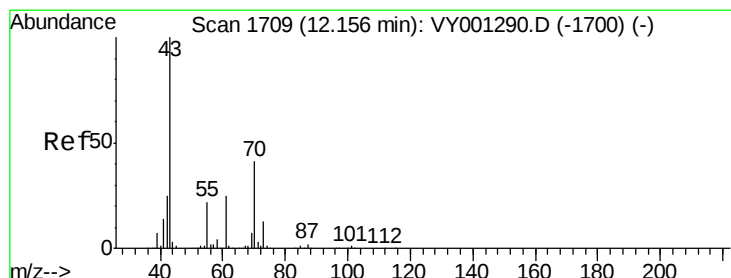
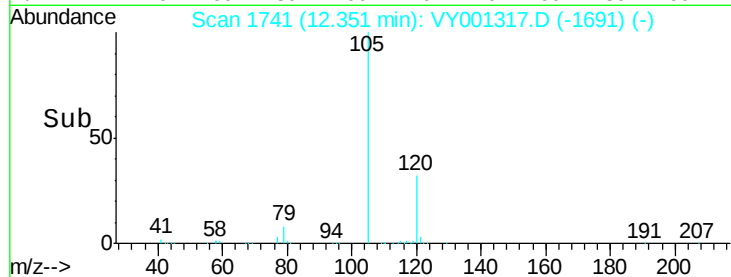
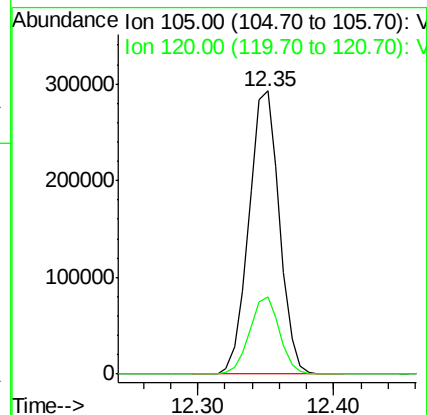
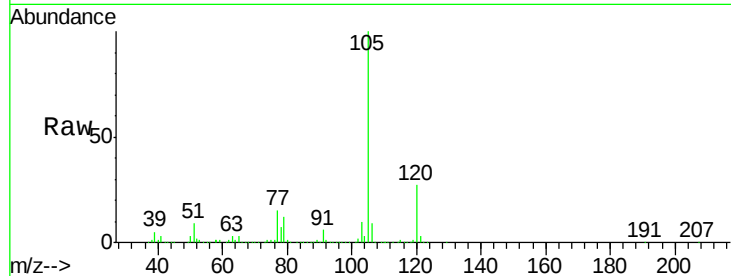
120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 59.993 ug/l

RT: 12.16 min Scan# 1710

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion: 43 Resp: 186763

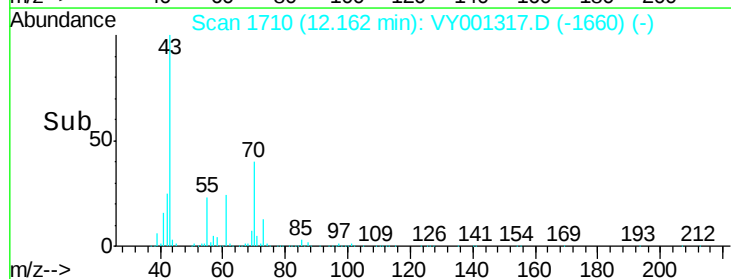
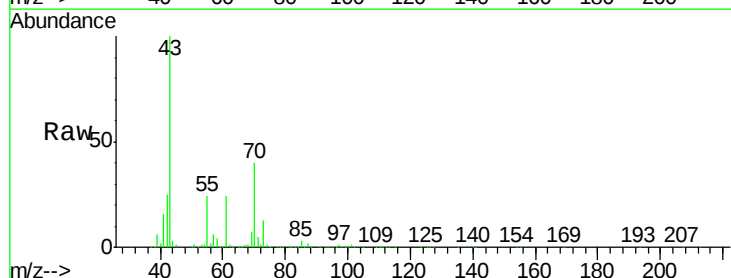
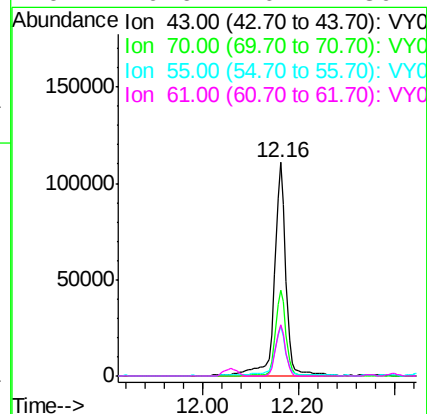
Ion Ratio Lower Upper

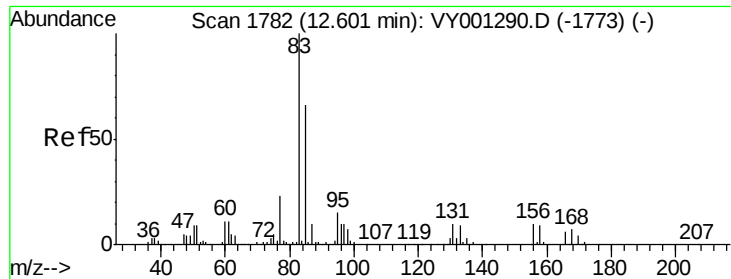
43 100

70 36.6 35.0 52.6

55 21.5 18.4 27.6

61 20.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.259 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

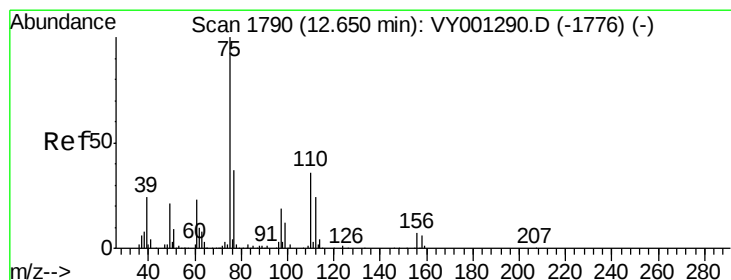
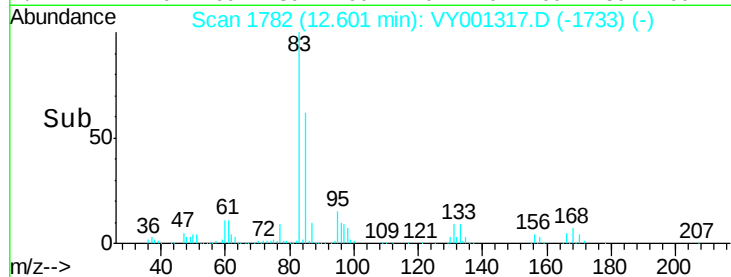
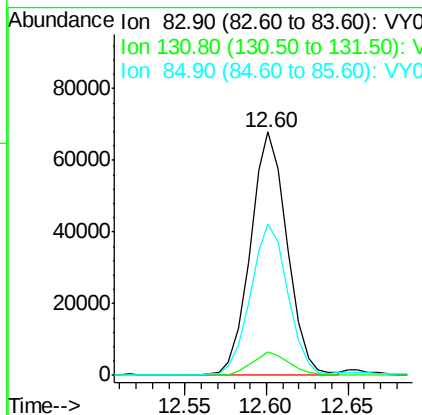
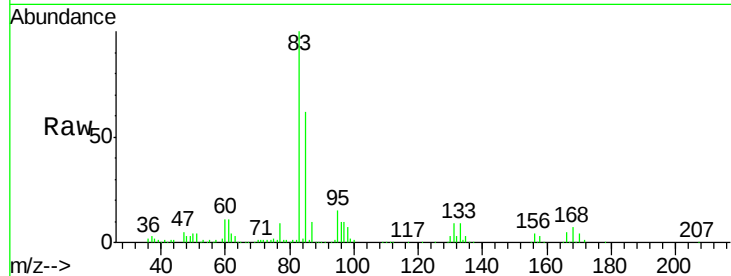
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	105479
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	62.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.903 ug/l m

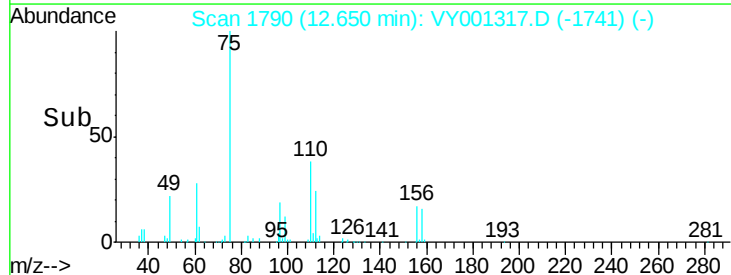
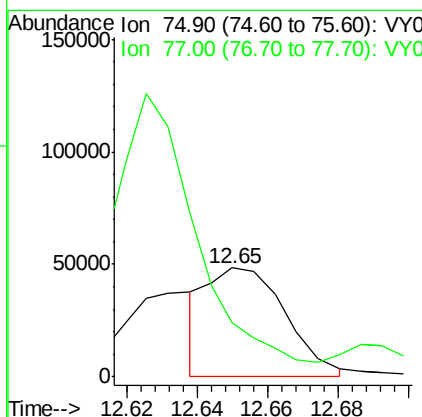
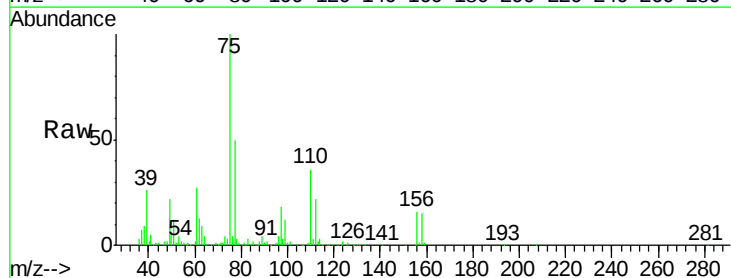
RT: 12.65 min Scan# 1790

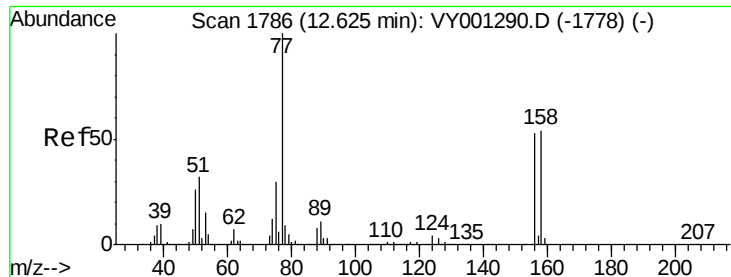
Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion:	75	Resp:	75146
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.976 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 103544

Ion Ratio Lower Upper

156 100

77 211.3 106.7 320.1

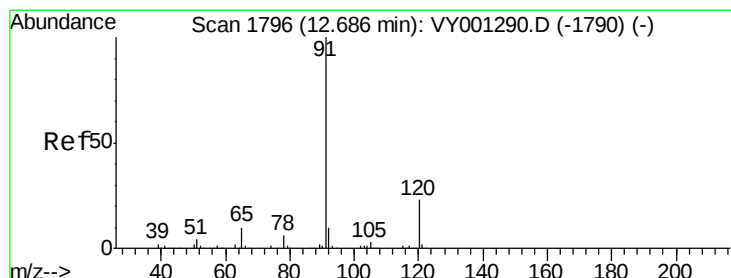
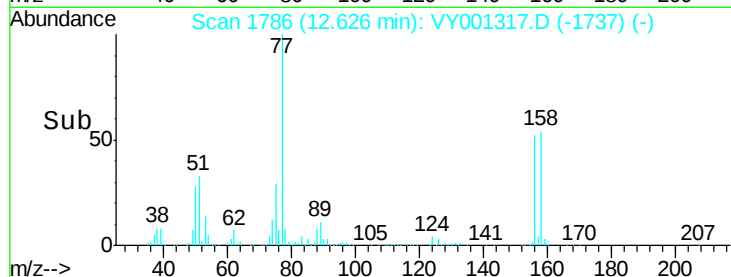
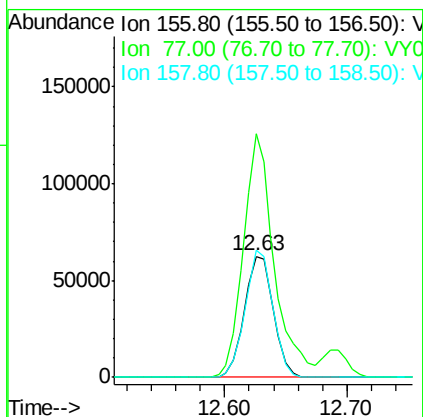
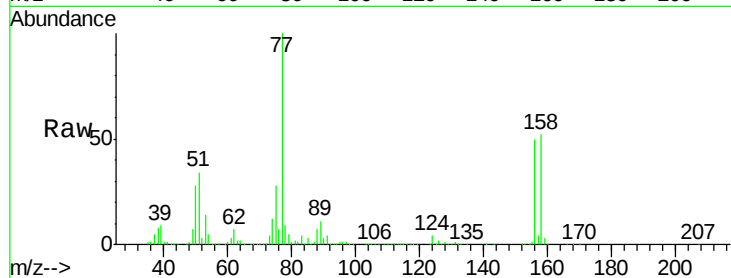
158 99.9 48.3 144.8

Manual Integrations

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#78

n-propylbenzene

Concen: 45.752 ug/l

RT: 12.69 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VY001317.D

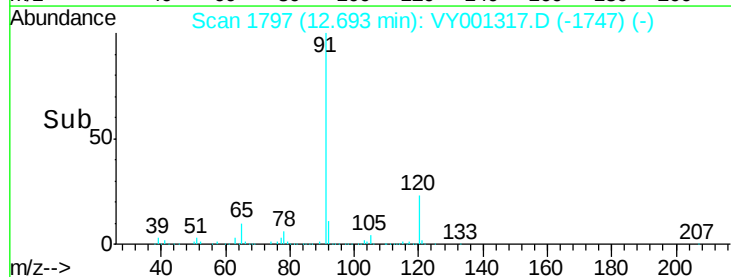
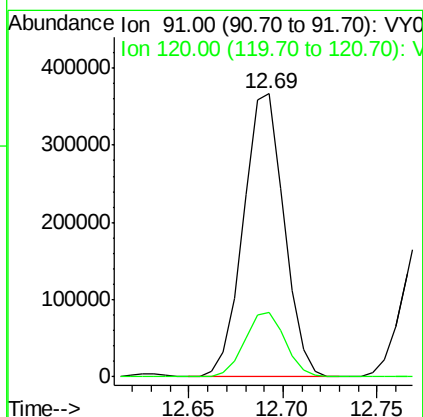
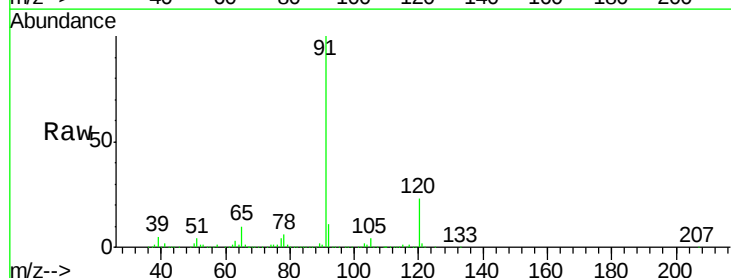
Acq: 20 Jan 2020 23:17

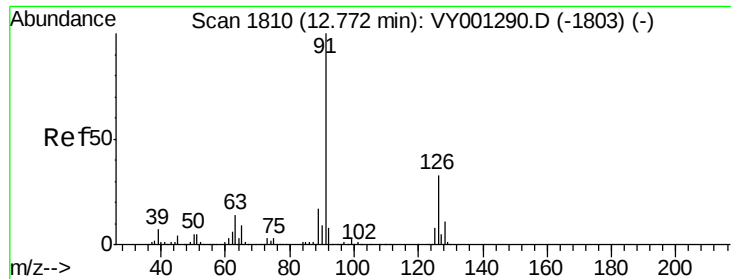
Tgt Ion: 91 Resp: 548964

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.272 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 318858

Ion Ratio Lower Upper

91 100

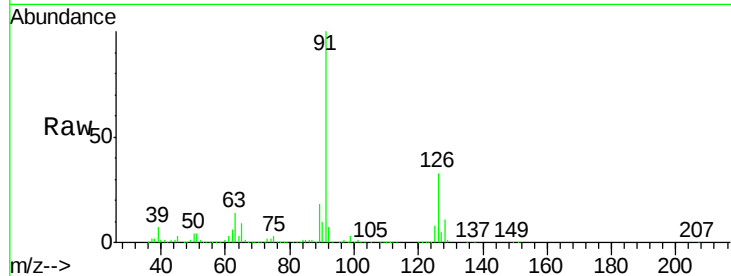
126 33.3 16.4 49.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001290.D (-1803) (-)

Ion 125.90 (125.60 to 126.60): VY001290.D (-1803) (-)

400000

300000

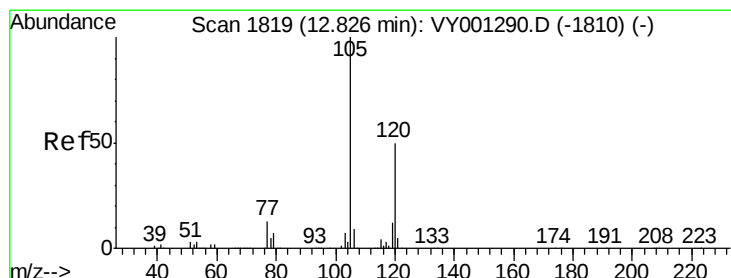
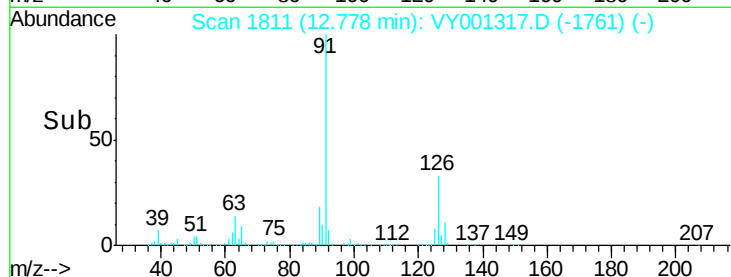
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.501 ug/l

RT: 12.83 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VY001317.D

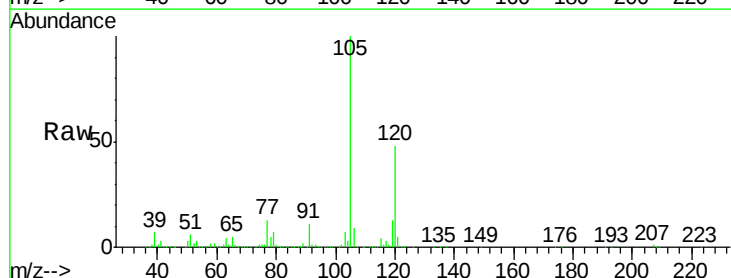
Acq: 20 Jan 2020 23:17

Tgt Ion: 105 Resp: 387035

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001290.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY001290.D (-1810) (-)

300000

250000

200000

150000

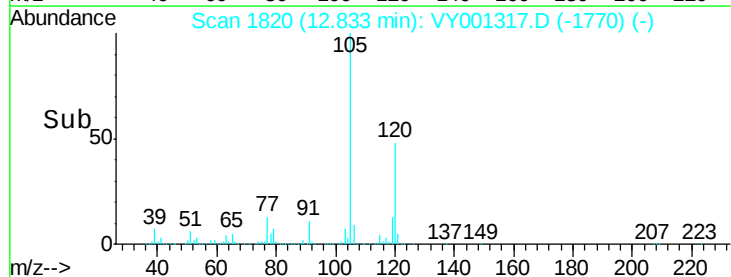
100000

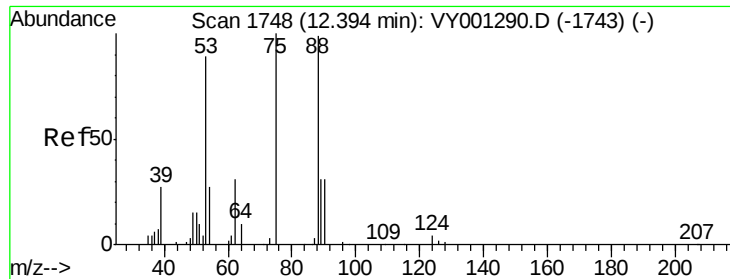
50000

0

12.80 12.83 12.86

Time-->





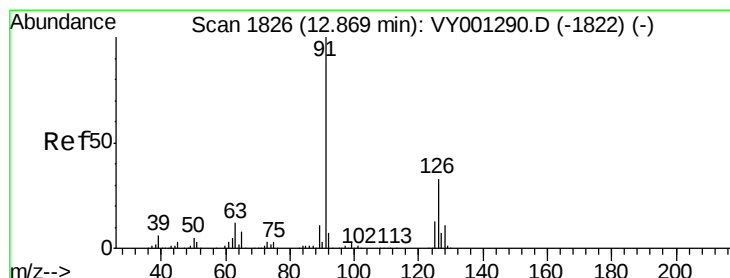
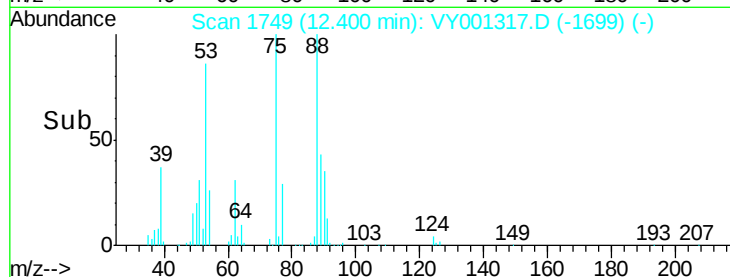
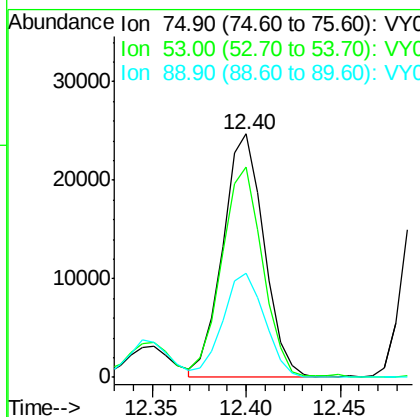
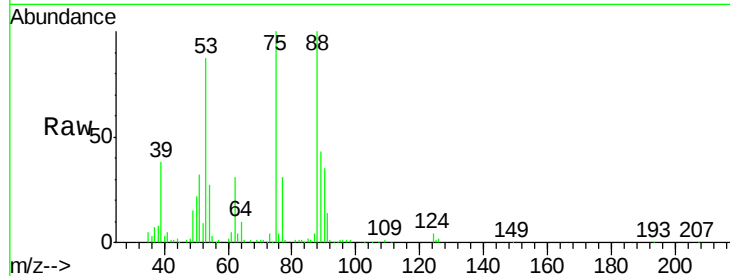
#81
trans-1,4-Dichloro-2-butene
Concen: 44.157 ug/l
RT: 12.40 min Scan# 1749
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.7	69.4	104.2
89	44.3	0.0	0.0#

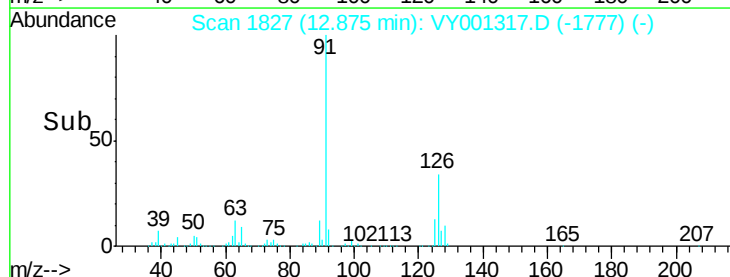
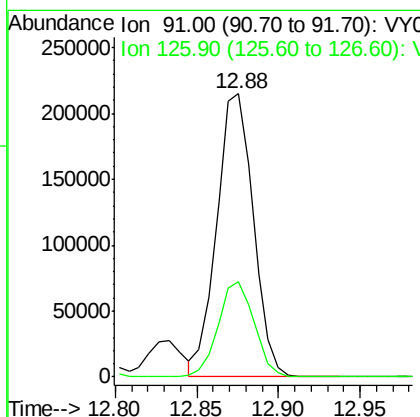
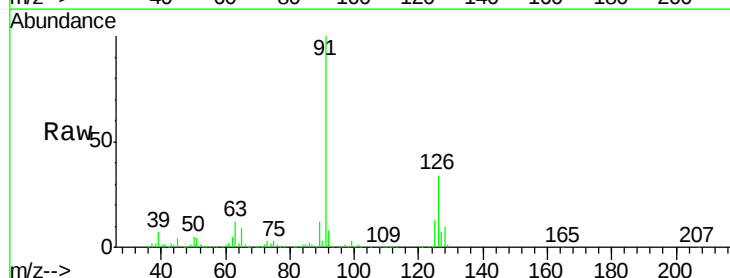
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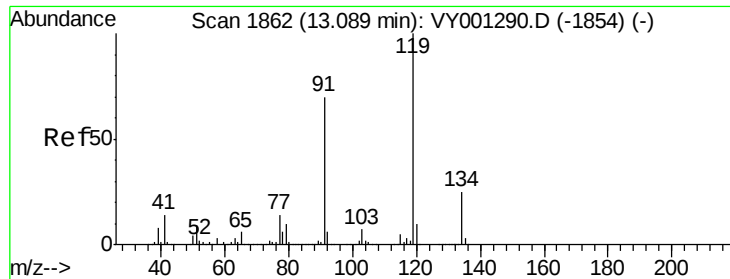
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#82
4-Chlorotoluene
Concen: 45.427 ug/l
RT: 12.88 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.3	48.8





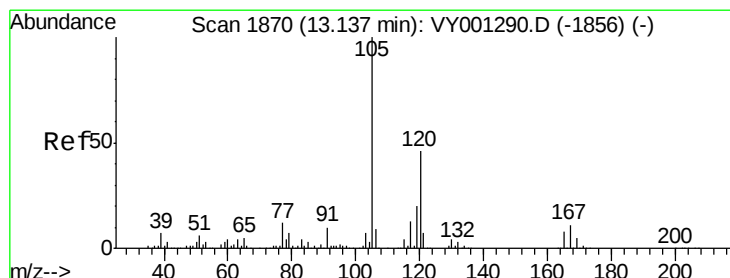
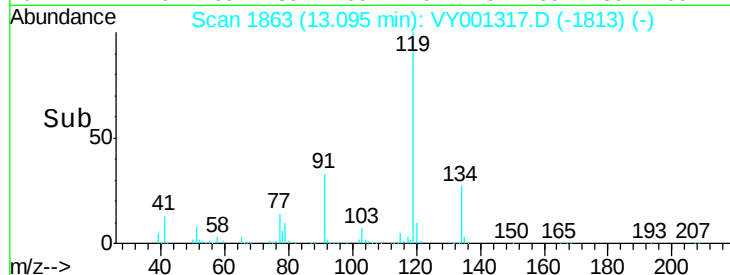
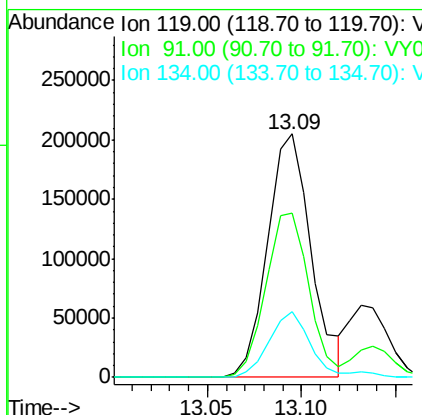
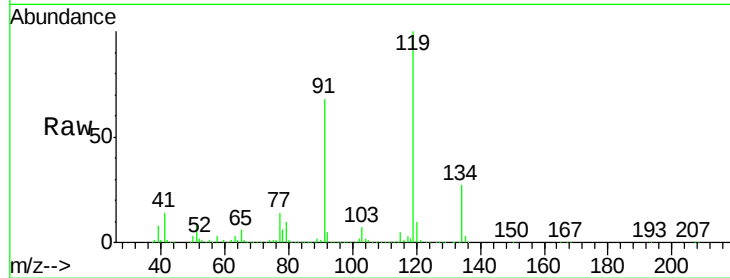
#83
tert-Butylbenzene
Concen: 47.160 ug/l
RT: 13.09 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	329819		
91	66.8	33.9	101.7	
134	26.7	13.5	40.4	

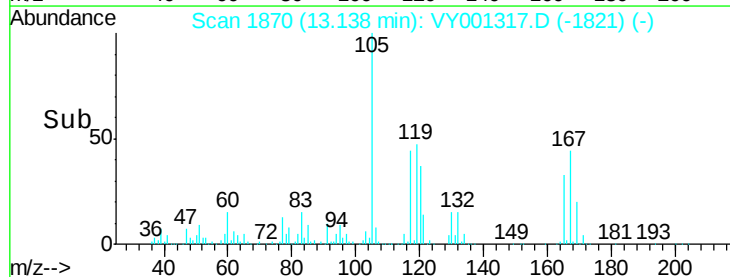
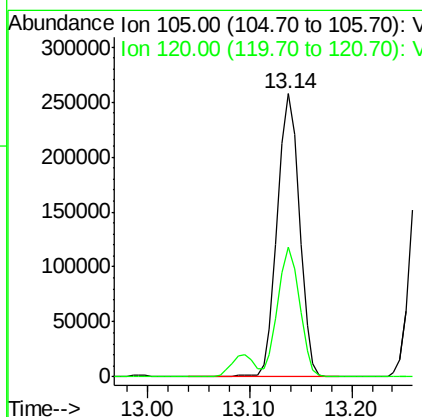
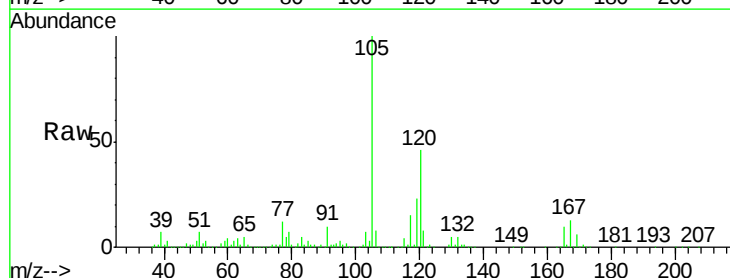
Manual Integrations
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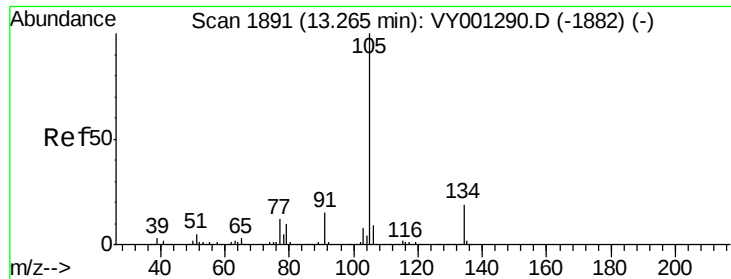
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#84
1,2,4-Trimethylbenzene
Concen: 46.787 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386718		
120	44.7	22.8	68.3	





#85

sec-Butylbenzene

Concen: 46.097 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 463787

Ion Ratio Lower Upper

105 100

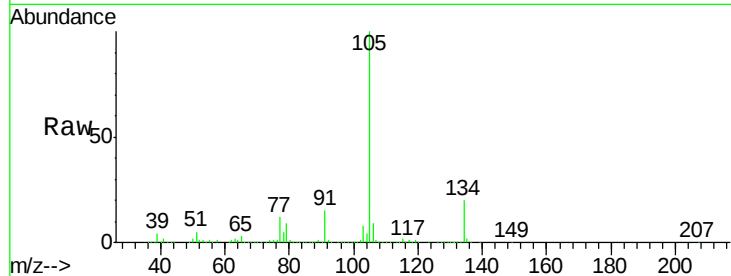
134 19.8 9.8 29.5

Manual Integrations

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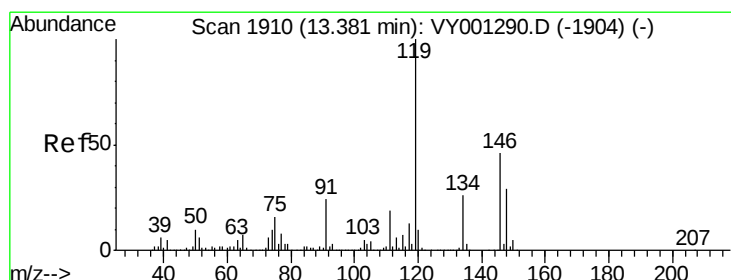
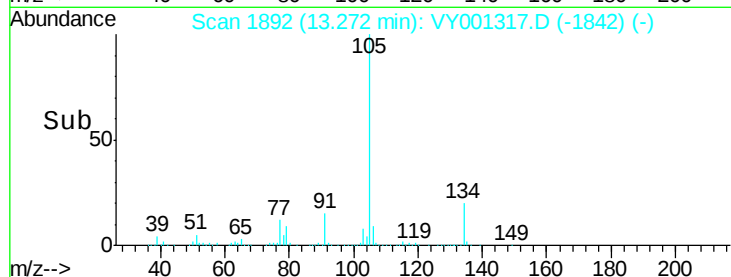
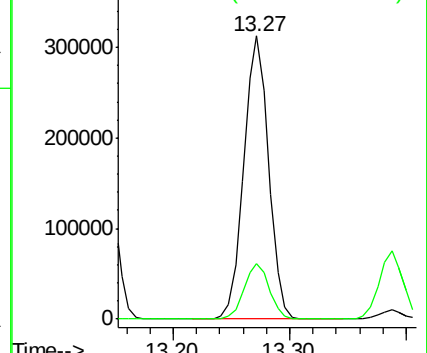
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.529 ug/l

RT: 13.39 min Scan# 1911

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

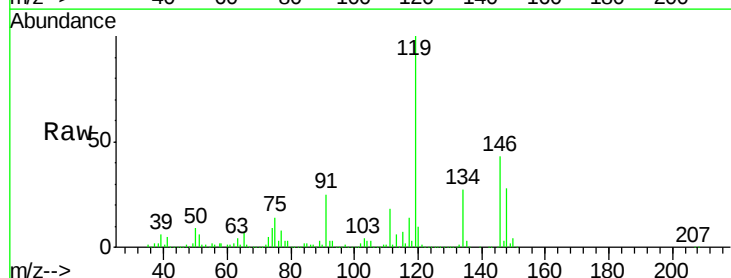
Tgt Ion:119 Resp: 406451

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

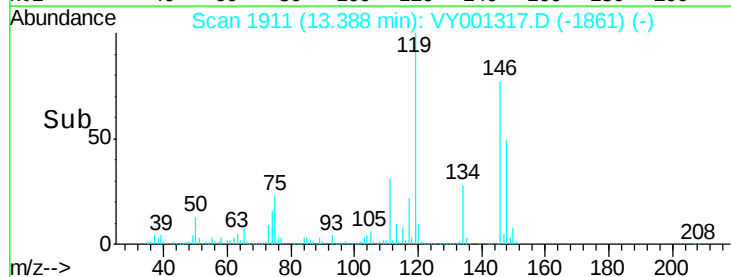
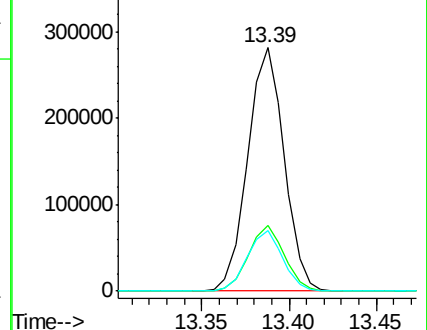
91 24.2 12.4 37.2

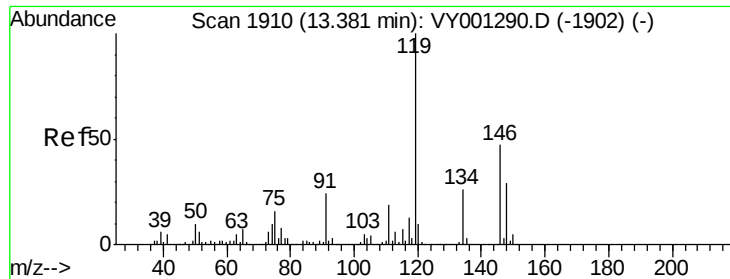


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





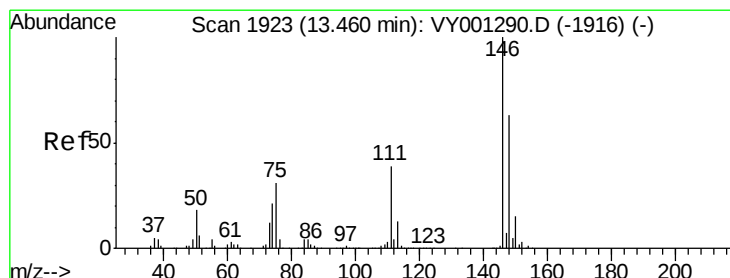
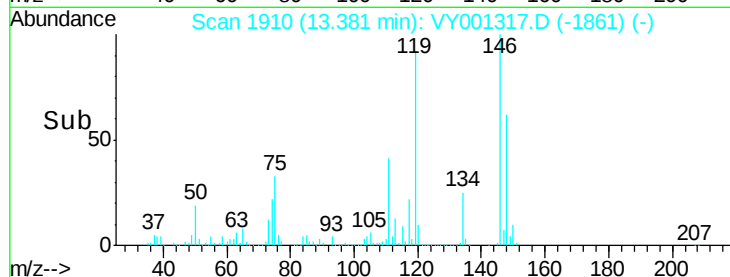
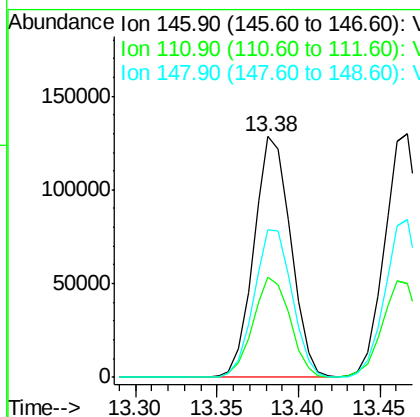
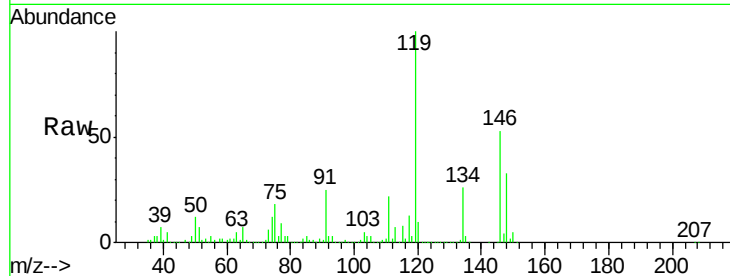
#87
 1,3-Dichlorobenzene
 Concen: 48.291 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	201301		
111	41.4		21.3	64.0
148	63.2		31.9	95.5

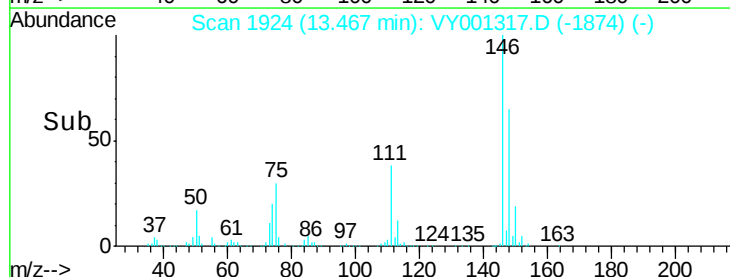
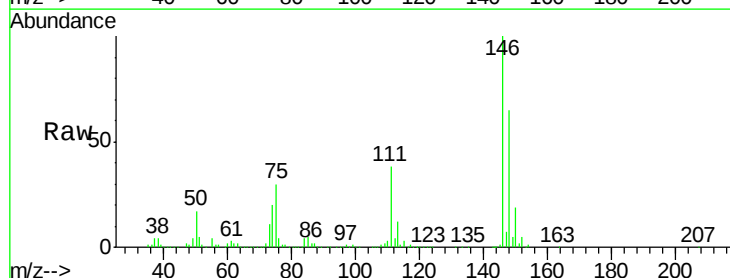
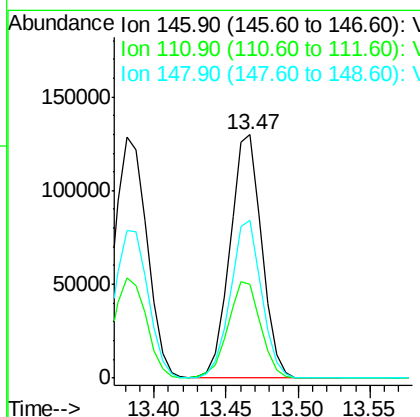
Manual Integrations
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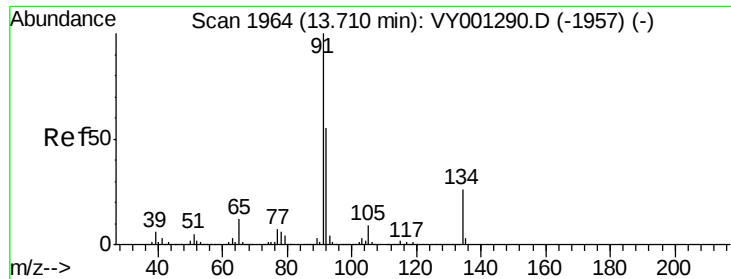
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#88
 1,4-Dichlorobenzene
 Concen: 46.622 ug/l
 RT: 13.47 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200021		
111	40.5		20.8	62.5
148	63.7		32.0	96.2





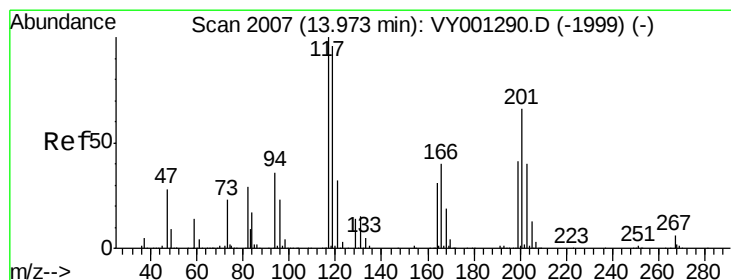
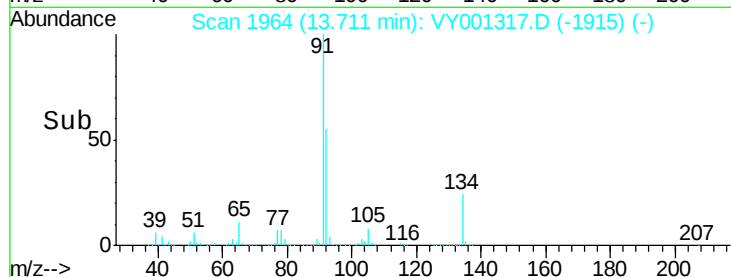
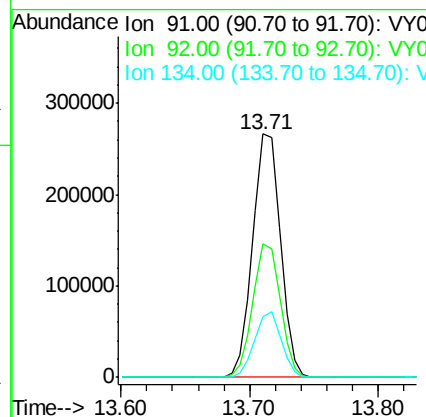
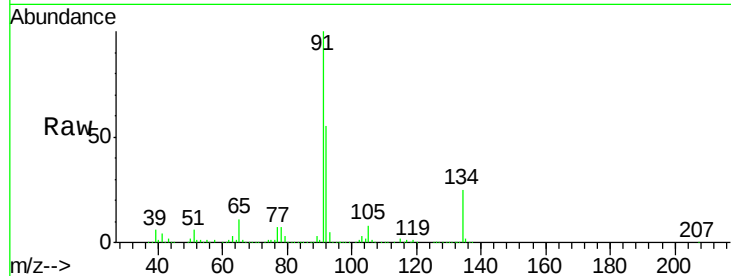
#89
n-Butylbenzene
Concen: 45.073 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.7	83.1
134	25.8	12.9	38.6

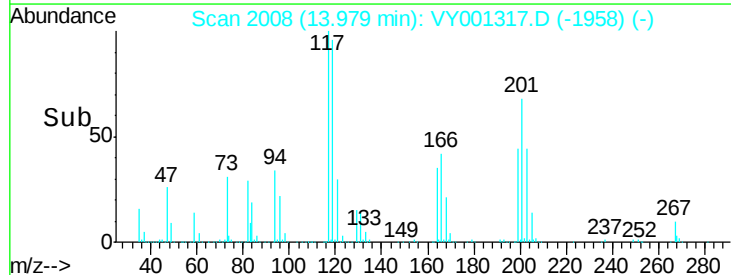
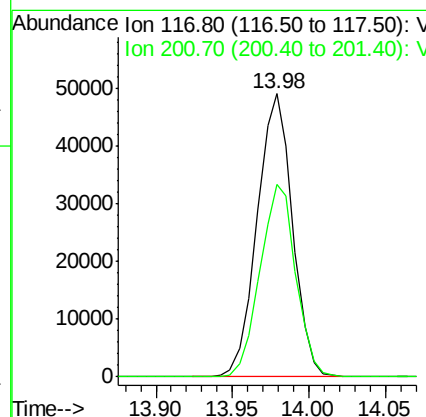
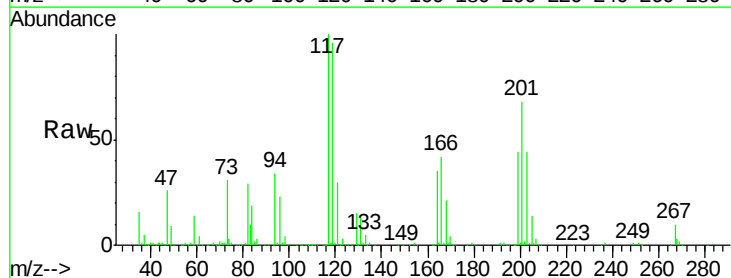
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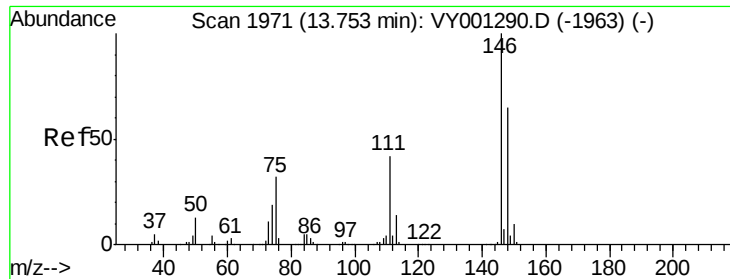
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#90
Hexachloroethane
Concen: 46.230 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	35.4	106.2





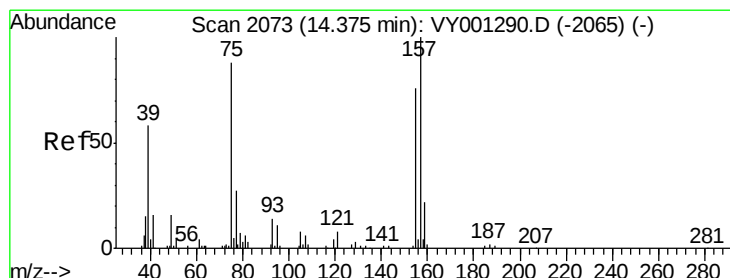
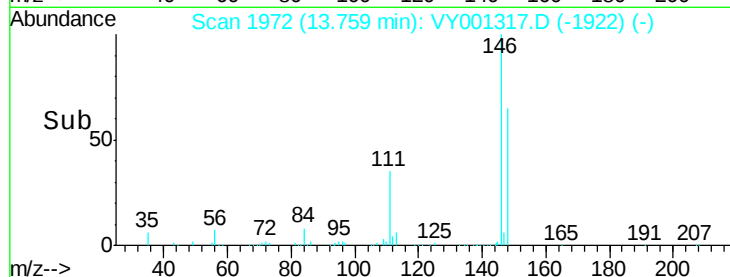
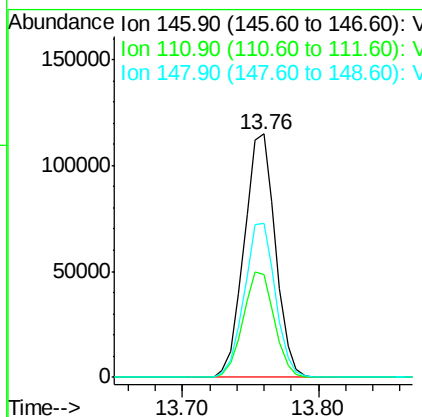
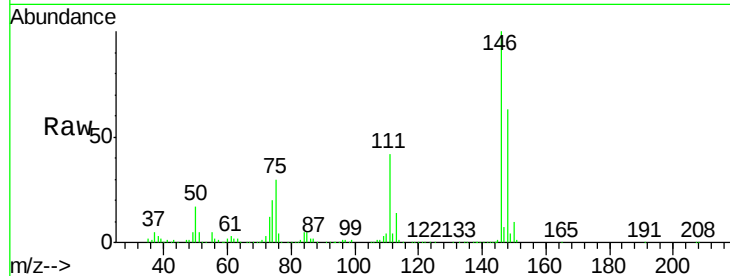
#91
 1,2-Dichlorobenzene
 Concen: 47.611 ug/l
 RT: 13.76 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.0	66.0
148	63.1	32.1	96.3

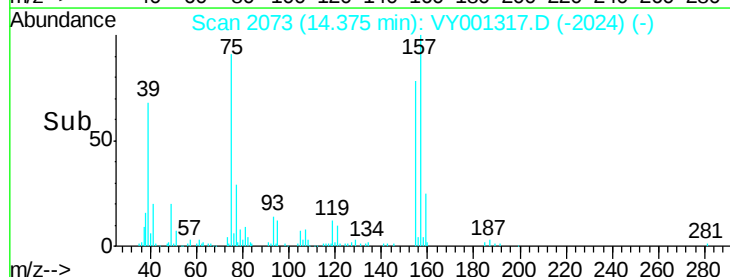
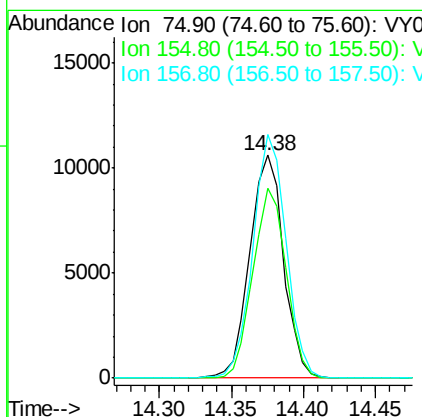
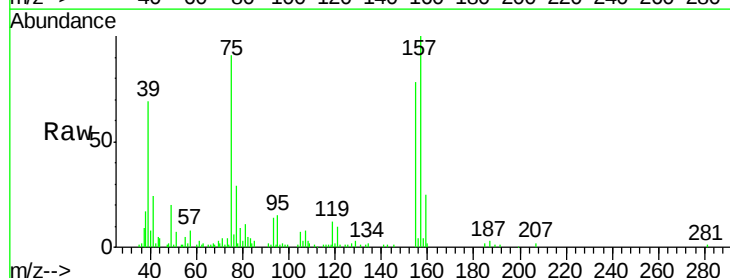
Manual Integrations
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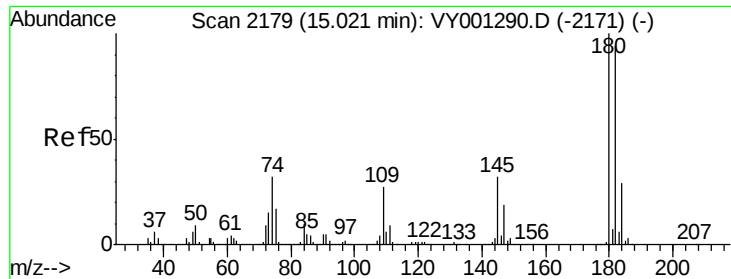
MMDadoda
 1/21/2020 10:59:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.398 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VY001317.D
 Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	41.2	123.6
157	106.9	52.8	158.4





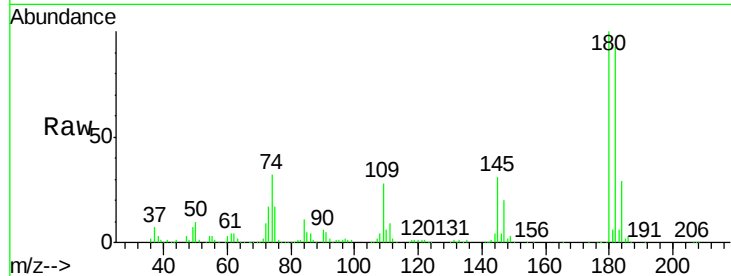
#93
1,2,4-Trichlorobenzene
Concen: 45.659 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

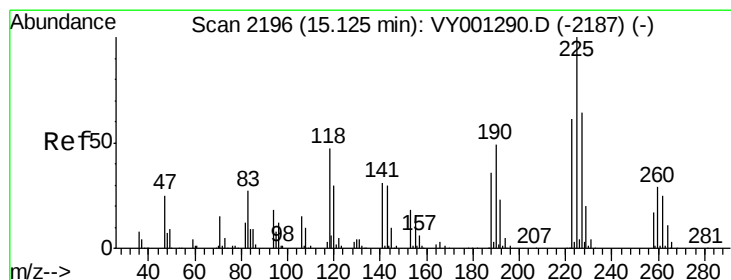
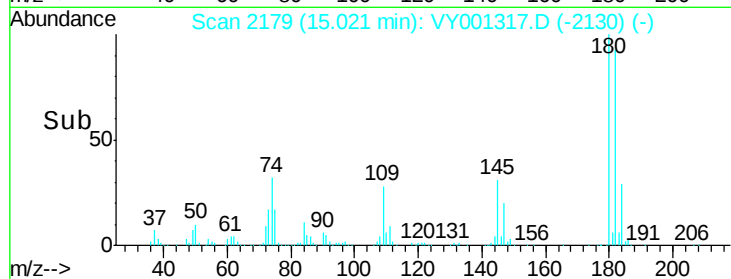
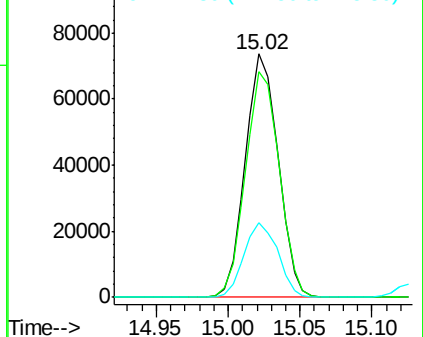
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.8
145	31.7	16.0	48.0

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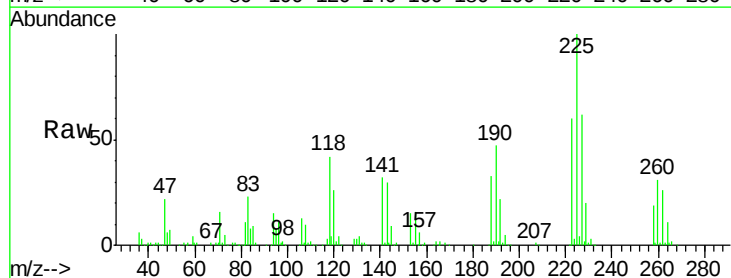


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

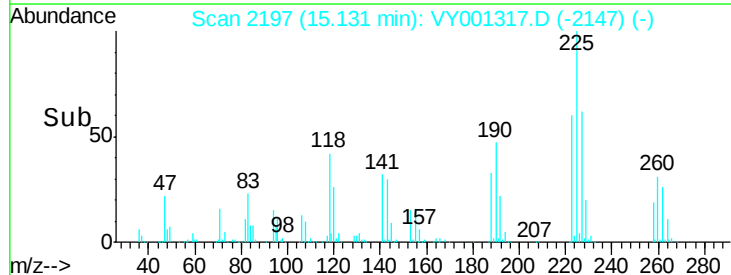
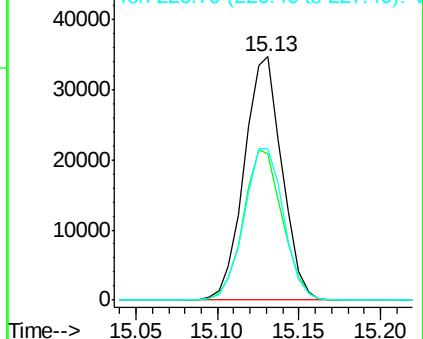


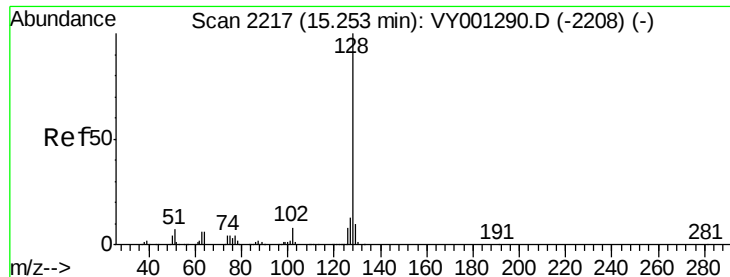
#94
Hexachlorobutadiene
Concen: 43.415 ug/l
RT: 15.13 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VY001317.D
Acq: 20 Jan 2020 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.3
227	65.0	31.3	93.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.310 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.00 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Instrument :

MSVOA_Y

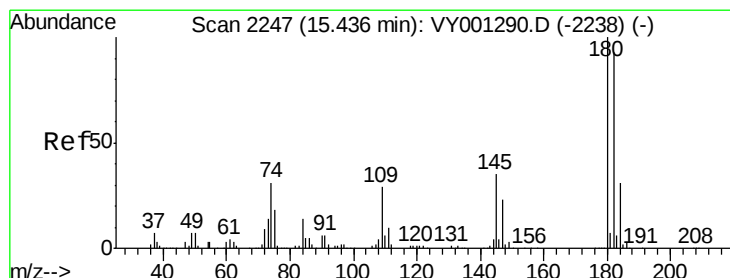
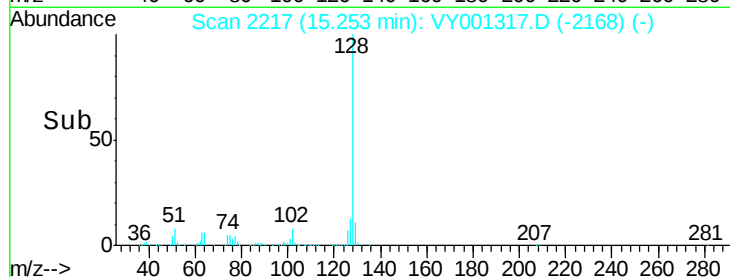
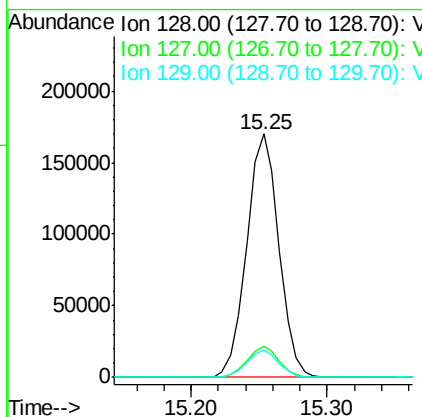
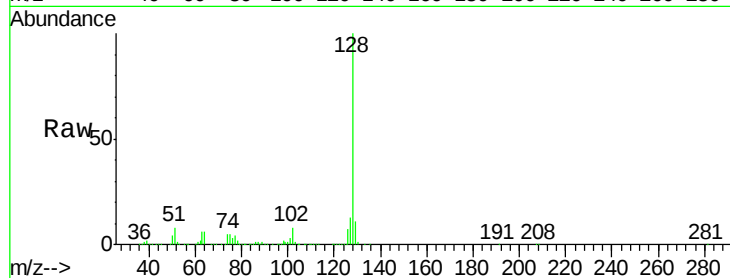
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	281137
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.5	12.7

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#96

1,2,3-Trichlorobenzene

Concen: 46.585 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001317.D

Acq: 20 Jan 2020 23:17

Tgt Ion:	180	Resp:	104798
Ion Ratio		Lower	Upper
180	100		
182	94.3	47.5	142.5
145	33.6	17.1	51.3

