

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001461.D
 Acq On : 31 Jan 2020 17:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:52:58 AM

Quant Time: Jan 31 18:09:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	175425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	101527	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.74	113	94268	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	10.19	98	382047	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.49	95	145488	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	63366	45.804	ug/l	100
3) Chloromethane	2.12	50	92612	44.294	ug/l	99
4) Vinyl Chloride	2.26	62	97993	44.948	ug/l	97
5) Bromomethane	2.66	94	67379	45.889	ug/l	97
6) Chloroethane	2.80	64	64420	46.242	ug/l	98
7) Trichlorofluoromethane	3.14	101	135388	48.536	ug/l	98
8) Diethyl Ether	3.55	74	54515	46.296	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	88115	49.603	ug/l	100
10) Methyl Iodide	4.11	142	101051	43.130	ug/l	99
11) Tert butyl alcohol	4.98	59	49678	203.393	ug/l	100
12) 1,1-Dichloroethene	3.89	96	86703	46.550	ug/l	88
13) Acrolein	3.76	56	37112	262.786	ug/l	97
14) Allyl chloride	4.50	41	159263	47.948	ug/l	99
15) Acrylonitrile	5.19	53	145694	241.715	ug/l	99
16) Acetone	3.97	43	136718	272.570	ug/l	96
17) Carbon Disulfide	4.21	76	248456	42.414	ug/l	100
18) Methyl Acetate	4.50	43	74650	46.374	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	257854	47.281	ug/l	99
20) Methylene Chloride	4.74	84	104998	44.038	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	100785	46.583	ug/l	98
22) Diisopropyl ether	6.14	45	341328	48.393	ug/l	95
23) Vinyl Acetate	6.08	43	1103382	240.964	ug/l	99
24) 1,1-Dichloroethane	6.04	63	177984	47.874	ug/l	98
25) 2-Butanone	7.01	43	201455	242.470	ug/l	98
26) 2,2-Dichloropropane	7.01	77	152712	46.115	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	114436	47.327	ug/l	98
28) Bromochloromethane	7.36	49	85379	55.687	ug/l	97
29) Tetrahydrofuran	7.37	42	127982	236.768	ug/l	98
30) Chloroform	7.53	83	174315	47.836	ug/l	97
31) Cyclohexane	7.80	56	167175	45.290	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	148661	48.316	ug/l	100
36) 1,1-Dichloropropene	7.94	75	139540	47.874	ug/l	100
37) Ethyl Acetate	7.10	43	87378	49.066	ug/l	98
38) Carbon Tetrachloride	7.92	117	125927	48.477	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	179640	48.110	ug/l	99
40) Benzene	8.18	78	421792	48.262	ug/l	99
41) Methacrylonitrile	7.34	41	46939m	51.078	ug/l	
42) 1,2-Dichloroethane	8.26	62	116594	47.745	ug/l	100
43) Isopropyl Acetate	8.29	43	171087	49.408	ug/l	99
44) Trichloroethene	8.96	130	106400	47.443	ug/l	98
45) 1,2-Dichloropropane	9.24	63	110413	49.976	ug/l	97
46) Dibromomethane	9.32	93	56742	47.840	ug/l	98
47) Bromodichloromethane	9.51	83	138853	48.972	ug/l	96
48) Methyl methacrylate	9.31	41	76123	48.357	ug/l	97
49) 1,4-Dioxane	9.32	88	15912	951.328	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	437959	245.592	ug/l	100
52) Toluene	10.26	92	264049	47.662	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	152451	48.509	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	174154	48.280	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	85256	48.700	ug/l	98
56) Ethyl methacrylate	10.52	69	130609	49.362	ug/l	99
57) 1,3-Dichloropropane	10.80	76	150335	49.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	230473	251.720	ug/l	99
59) 2-Hexanone	10.85	43	317064	255.395	ug/l	100
60) Dibromochloromethane	11.00	129	94208	48.114	ug/l	98
61) 1,2-Dibromoethane	11.10	107	79357	47.951	ug/l	100
64) Tetrachloroethene	10.73	164	86412	48.711	ug/l	98
65) Chlorobenzene	11.53	112	280094	47.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	97675	48.893	ug/l	99
67) Ethyl Benzene	11.60	91	518547	48.067	ug/l	98
68) m/p-Xylenes	11.71	106	385860	95.765	ug/l	99
69) o-Xylene	12.04	106	186687	48.163	ug/l	99
70) Styrene	12.05	104	329607	48.466	ug/l	99
71) Bromoform	12.22	173	55668	46.681	ug/l #	99
73) Isopropylbenzene	12.34	105	502651	47.505	ug/l	99
74) N-amyl acetate	12.15	43	165714	47.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	107555	47.463	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	84997m	52.602	ug/l	
77) Bromobenzene	12.62	156	109178	46.585	ug/l	98
78) n-propylbenzene	12.68	91	614091	48.217	ug/l	100
79) 2-Chlorotoluene	12.77	91	346846	47.671	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	420572	47.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	40186	47.064	ug/l	99
82) 4-Chlorotoluene	12.86	91	367926	47.341	ug/l	99
83) tert-Butylbenzene	13.08	119	352504	47.348	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	420322	47.401	ug/l	100
85) sec-Butylbenzene	13.26	105	518718	49.039	ug/l	100
86) p-Isopropyltoluene	13.38	119	447930	48.053	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	212695	47.123	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	216080	47.149	ug/l	99
89) n-Butylbenzene	13.70	91	460402	49.076	ug/l	98
90) Hexachloroethane	13.97	117	85334	48.296	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	197471	47.439	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18069	46.208	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	128379	45.952	ug/l	99
94) Hexachlorobutadiene	15.12	225	63309	46.539	ug/l	99
95) Naphthalene	15.24	128	303395	47.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	115176	46.996	ug/l	98

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

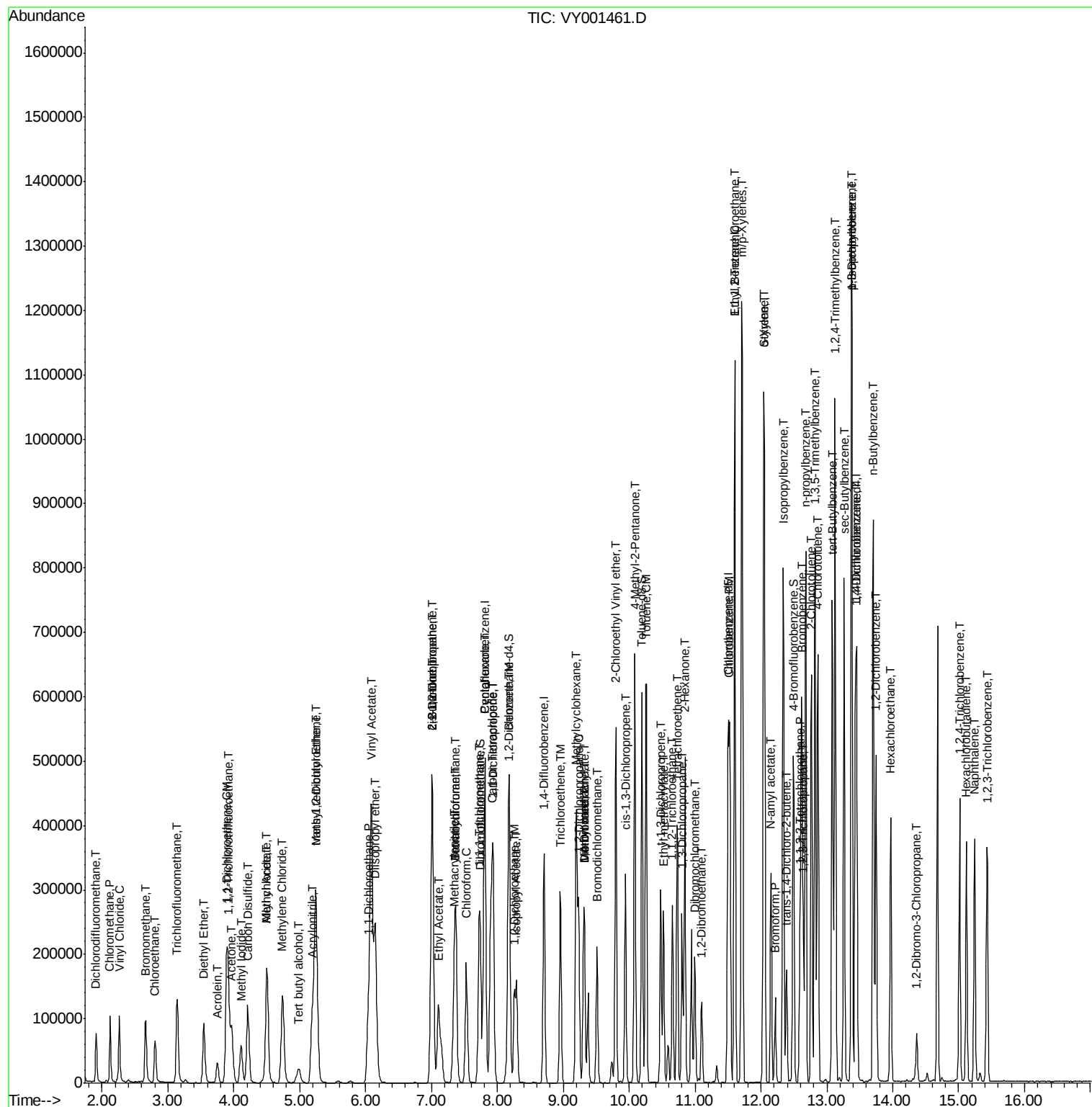
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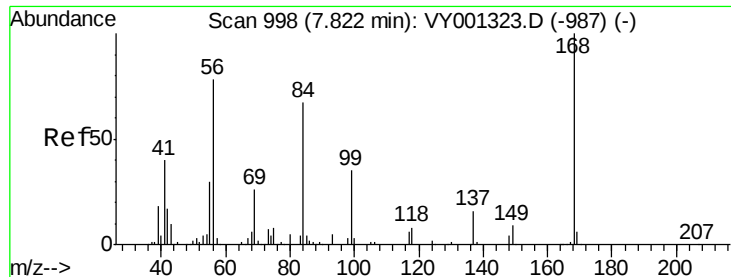
Instrument :
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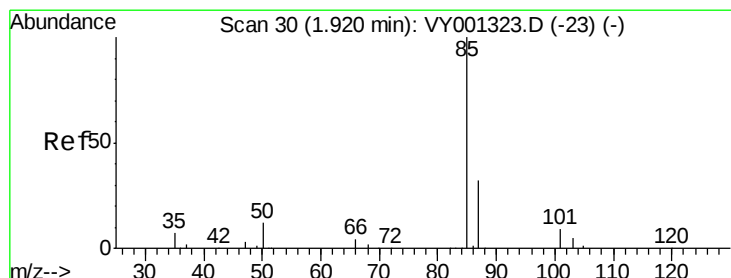
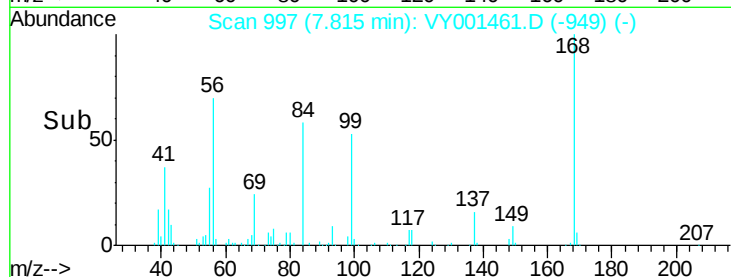
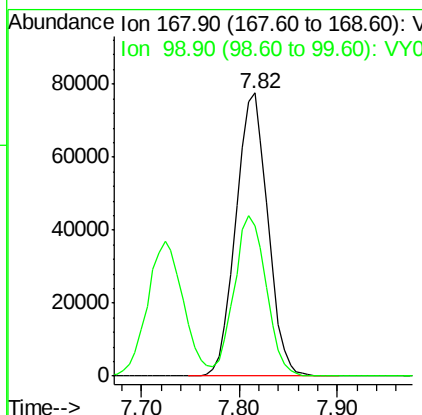
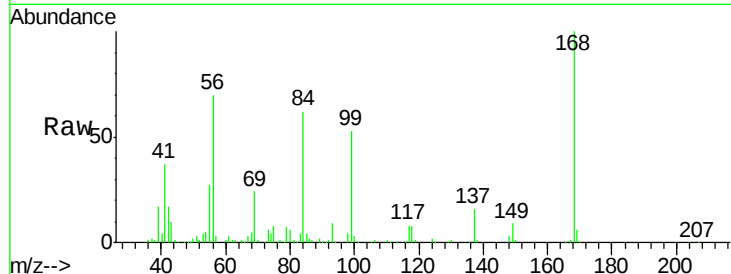
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.1	44.3	66.5

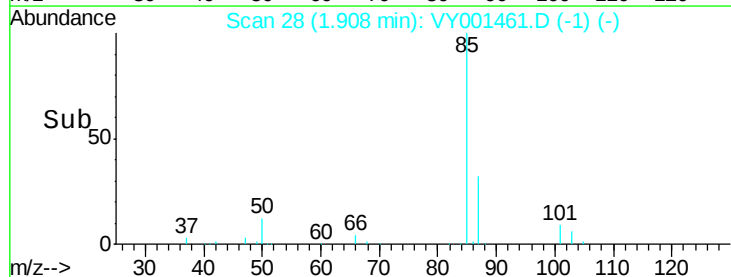
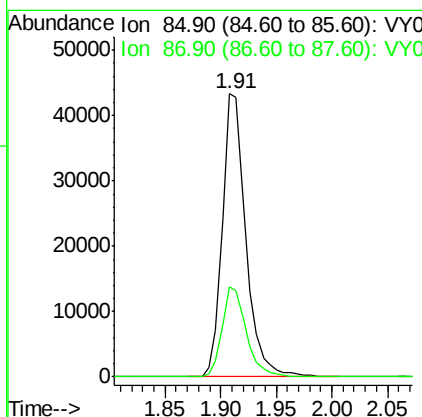
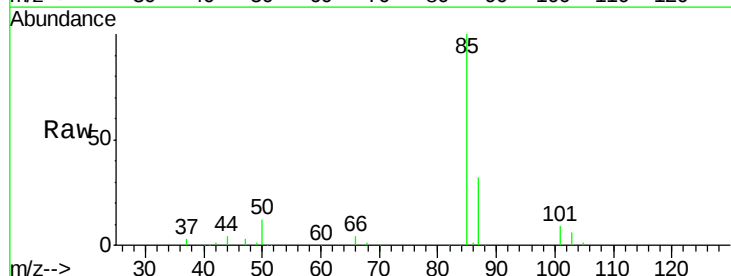
Manual Integrations
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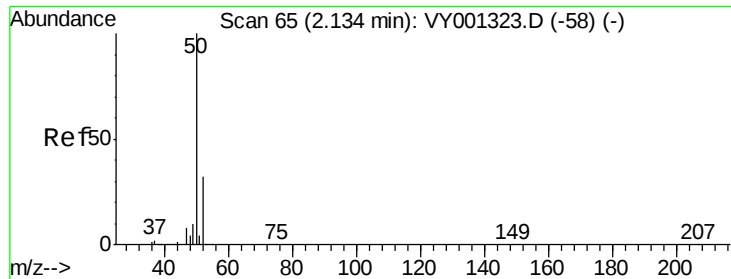
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#2
Dichlorodifluoromethane
Concen: 45.804 ug/l
RT: 1.91 min Scan# 28
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.0	48.0





#3

Chloromethane

Concen: 44.294 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 92612

Ion Ratio Lower Upper

50 100

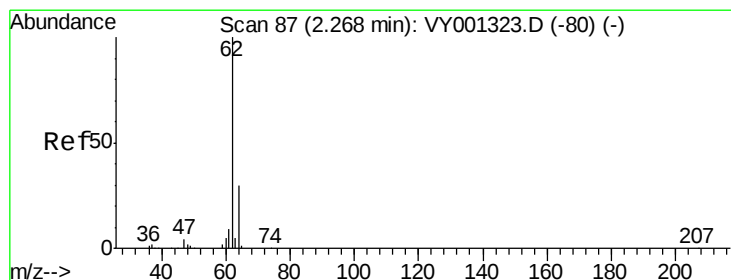
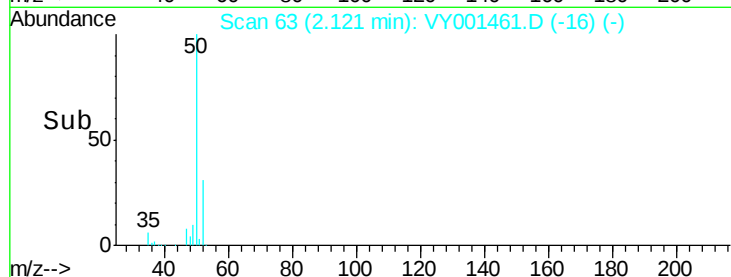
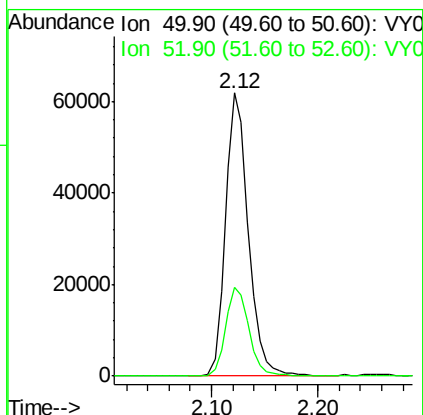
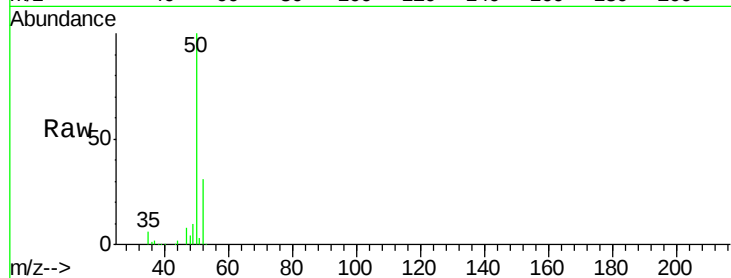
52 31.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.948 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001461.D

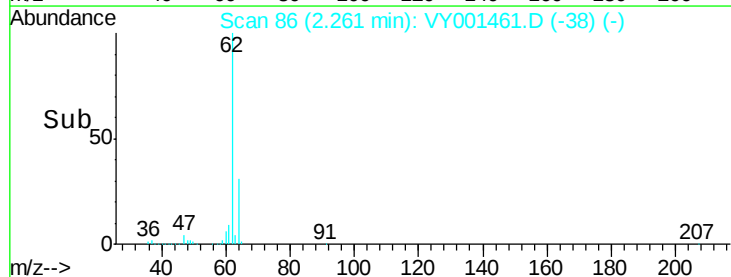
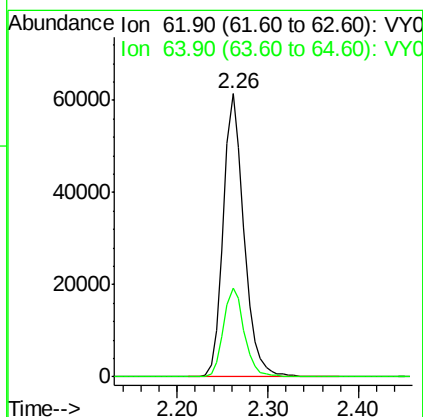
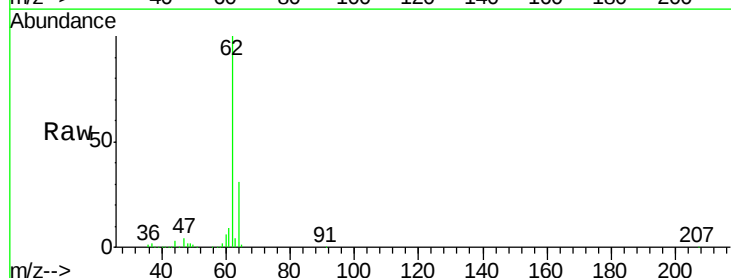
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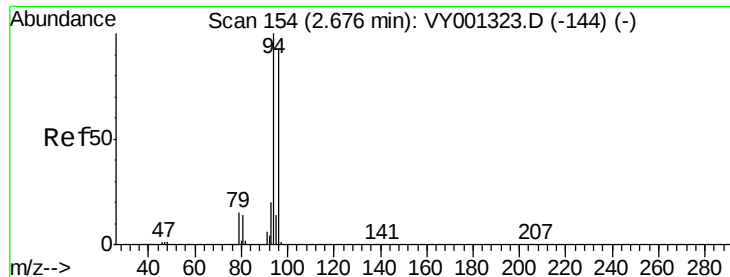
Tgt Ion: 62 Resp: 97993

Ion Ratio Lower Upper

62 100

64 31.4 23.9 35.9





#5

Bromomethane

Concen: 45.889 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 67379

Ion Ratio Lower Upper

94 100

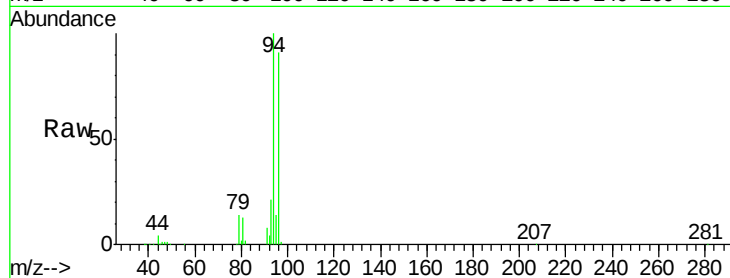
96 90.8 74.6 111.8

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

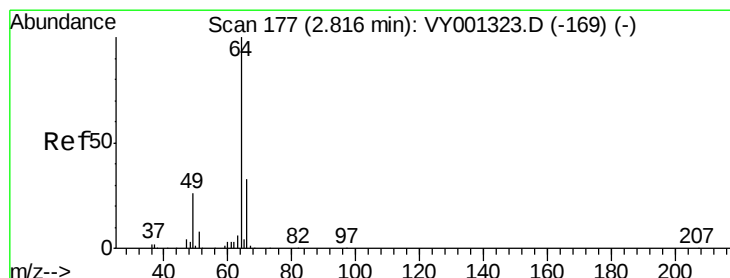
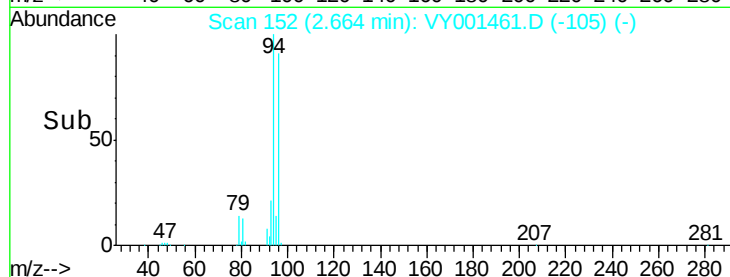
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 46.242 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001461.D

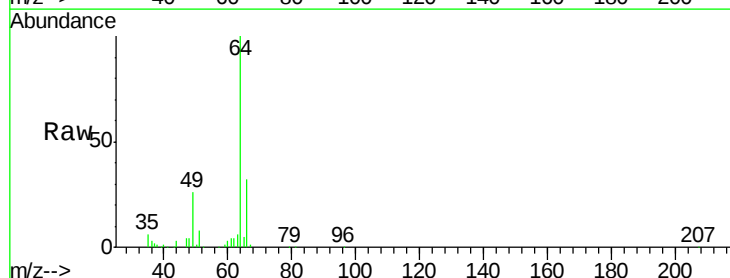
Acq: 31 Jan 2020 17:25

Tgt Ion: 64 Resp: 64420

Ion Ratio Lower Upper

64 100

66 32.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

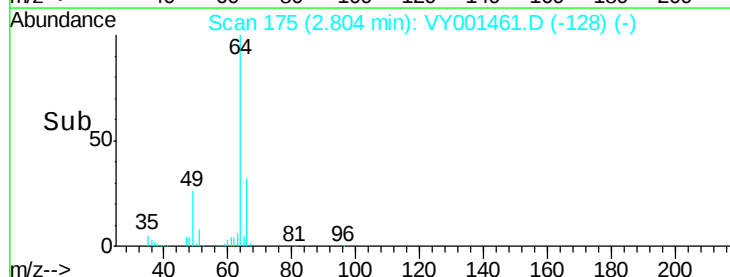
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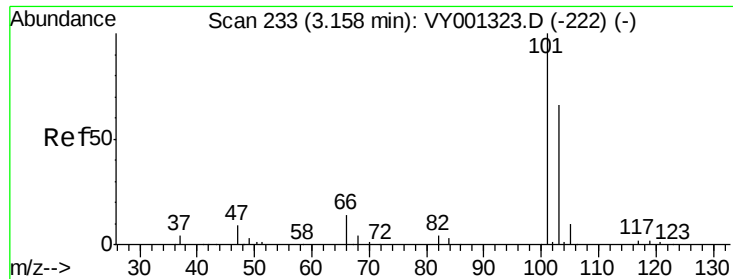
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#7

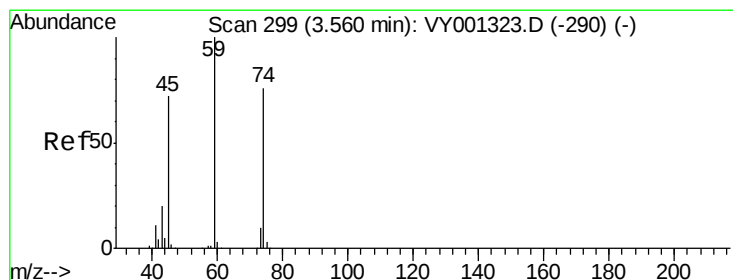
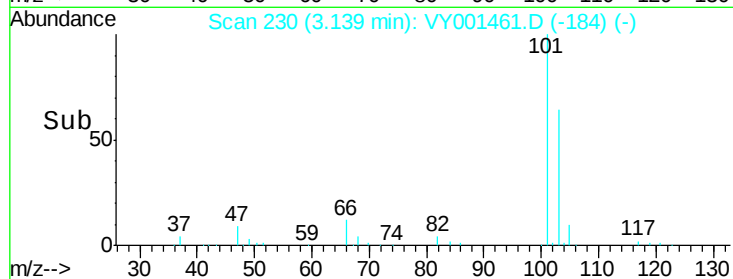
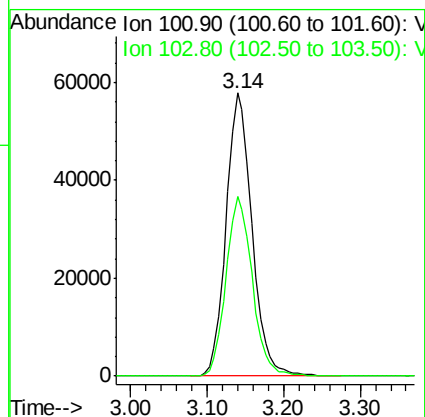
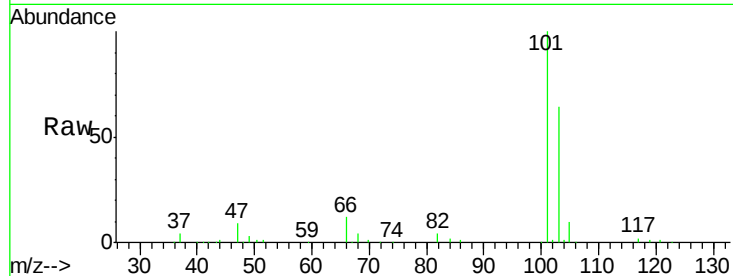
Trichlorofluoromethane
Concen: 48.536 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 135388
Ion Ratio Lower Upper
101 100
103 63.7 52.5 78.7

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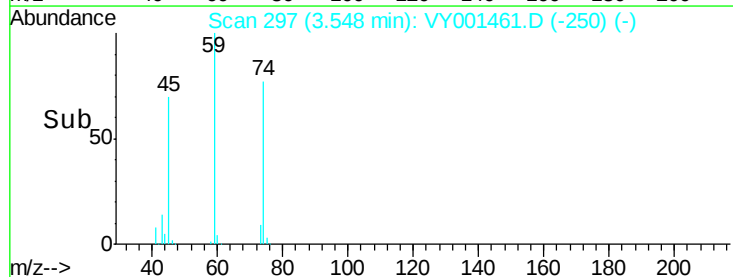
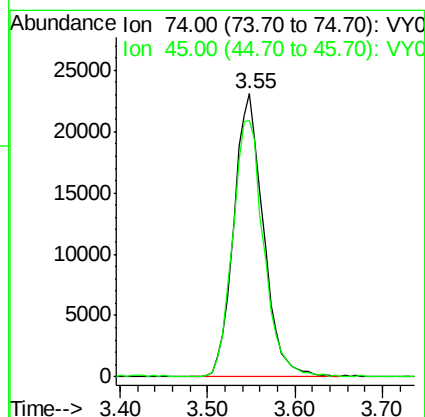
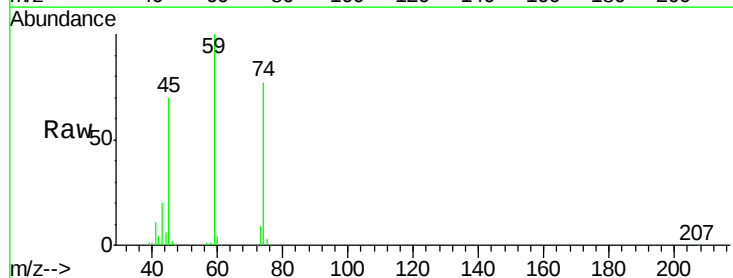
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#8

Diethyl Ether
Concen: 46.296 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion: 74 Resp: 54515
Ion Ratio Lower Upper
74 100
45 95.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.603 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

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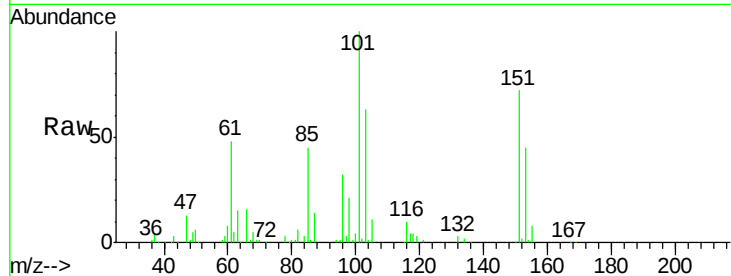
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VSTDCCC050EC

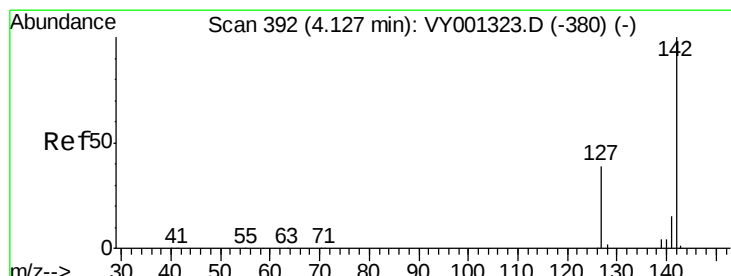
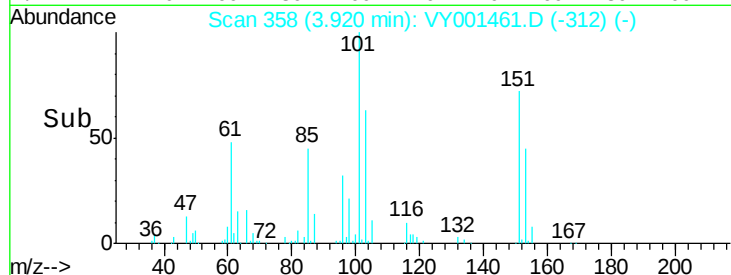
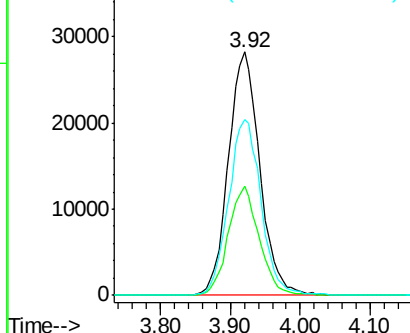
Tot Ion:	101	Resp:	88115
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.9	52.3
151	74.7	59.9	89.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.130 ug/l

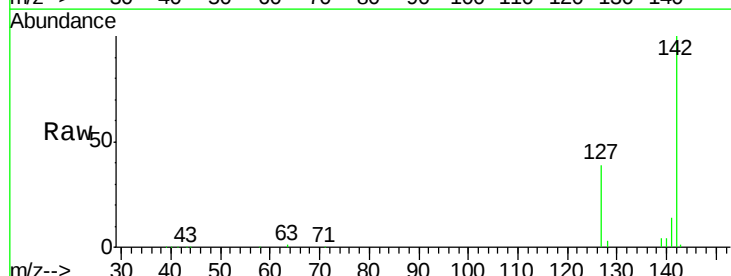
RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

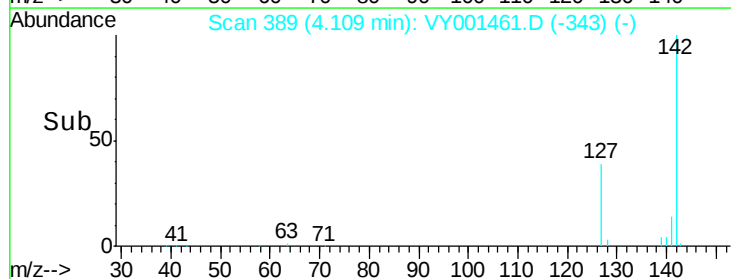
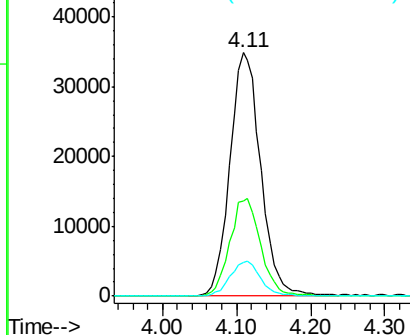
Lab File: VY001461.D

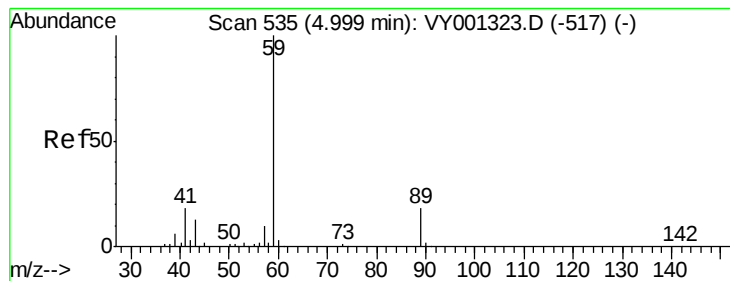
Acq: 31 Jan 2020 17:25

Tgt Ion:	142	Resp:	101051
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.6	47.4
141	14.1	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

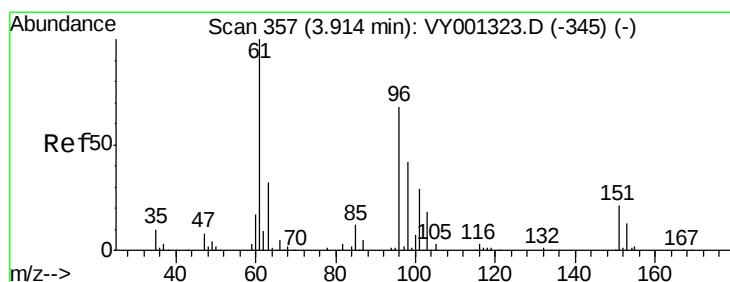
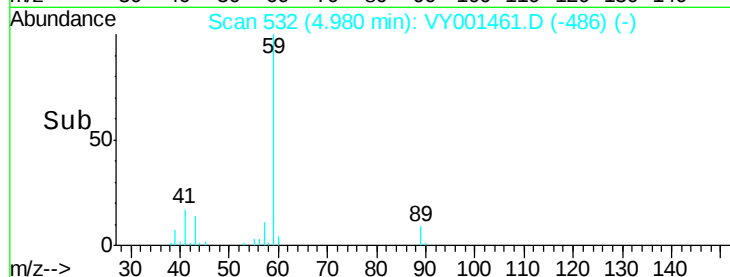
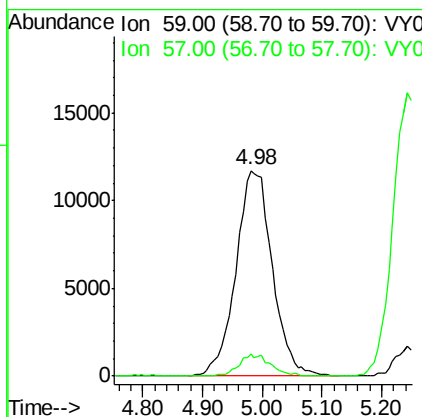
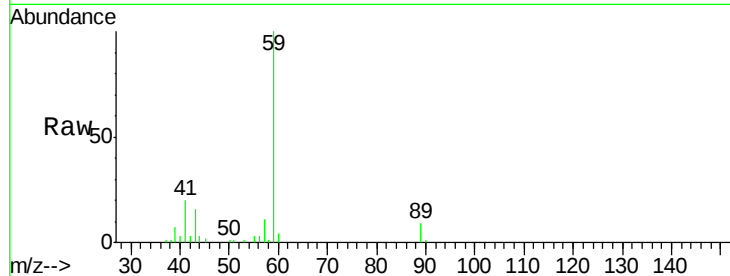
Tert butyl alcohol
 Concen: 203.393 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	49678
Ion Ratio	100	Lower	Upper
57	9.2	7.4	11.2

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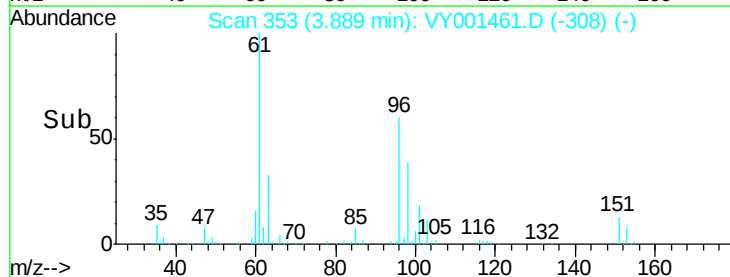
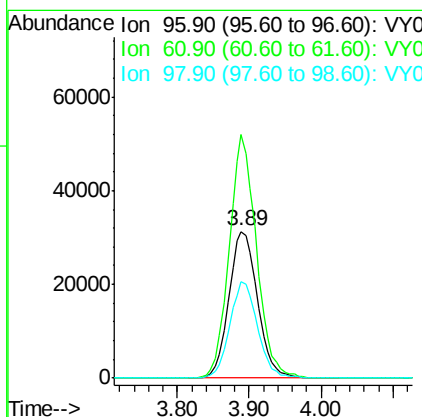
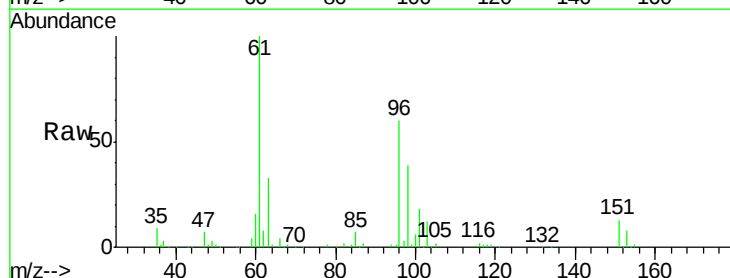
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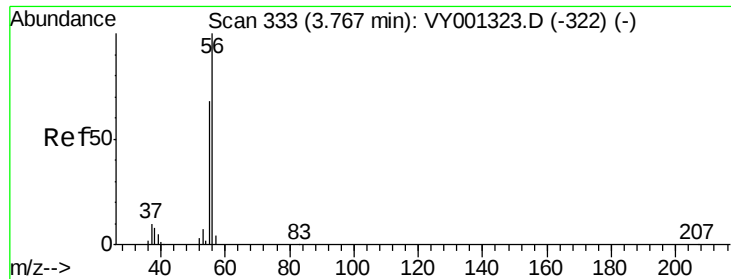


#12

1,1-Dichloroethene
 Concen: 46.550 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	96	Resp	86703
Ion Ratio	100	Lower	Upper
61	166.3	118.0	177.0
98	65.6	49.4	74.2





#13

Acrolein

Concen: 262.786 ug/l

RT: 3.76 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37112

Ion Ratio Lower Upper

56 100

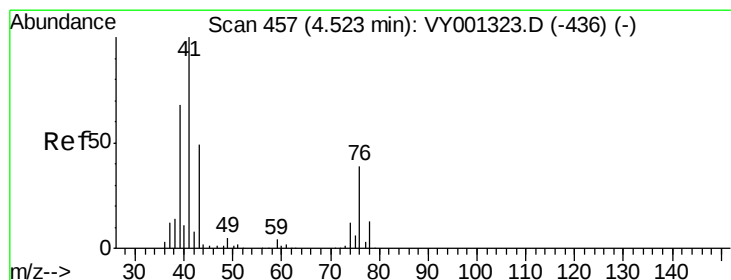
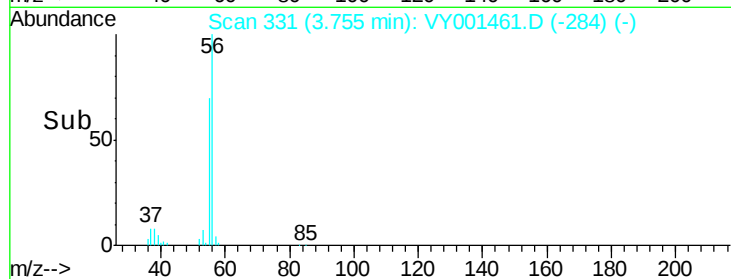
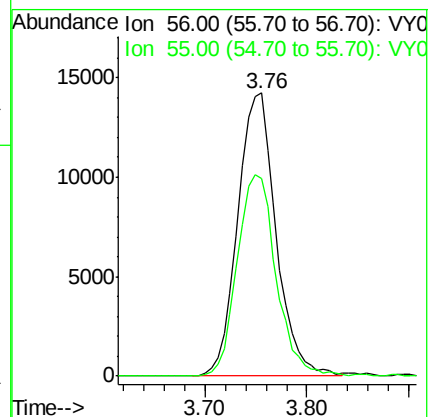
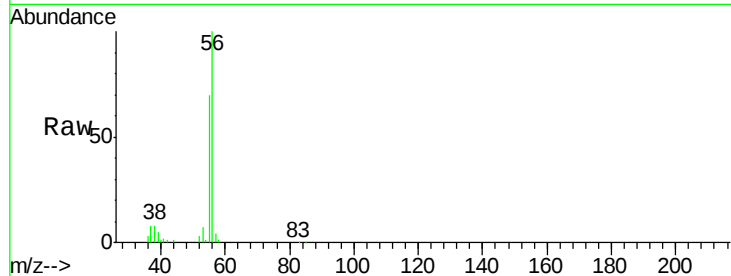
55 72.1 55.9 83.9

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#14

Allyl chloride

Concen: 47.948 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

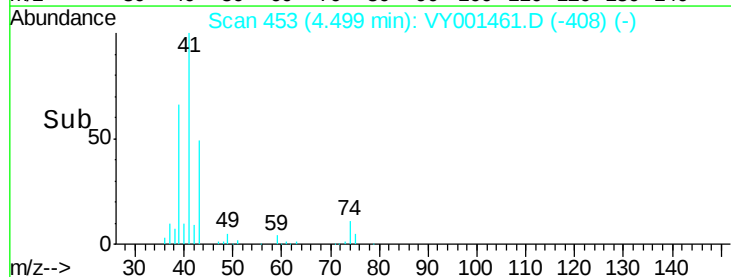
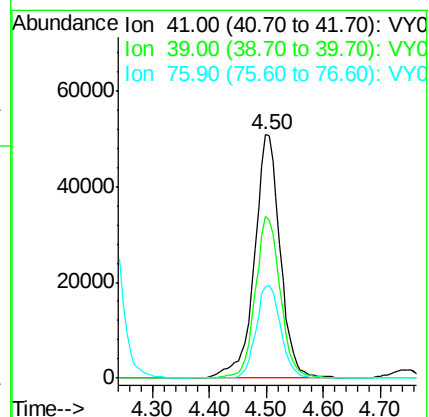
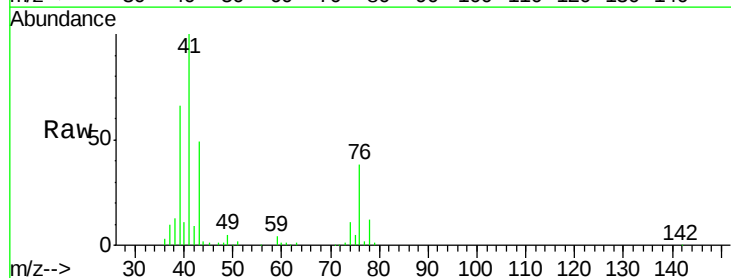
Tgt Ion: 41 Resp: 159263

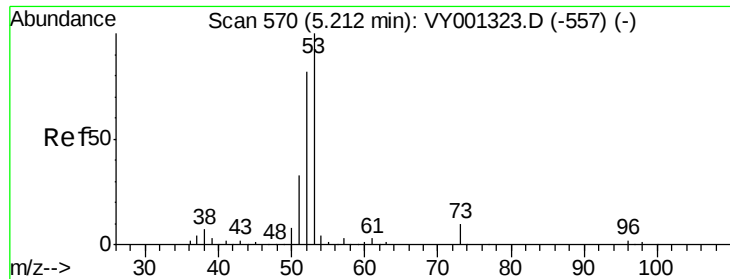
Ion Ratio Lower Upper

41 100

39 64.5 52.2 78.4

76 36.5 29.1 43.7





#15

Acrylonitrile

Concen: 241.715 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

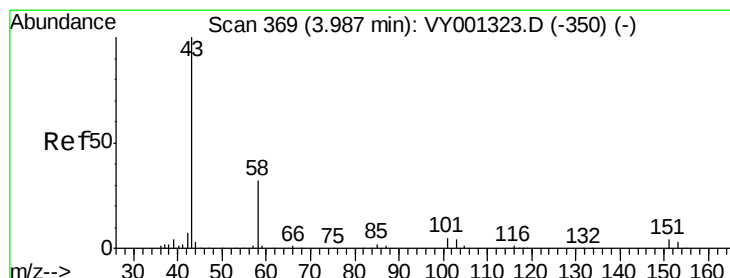
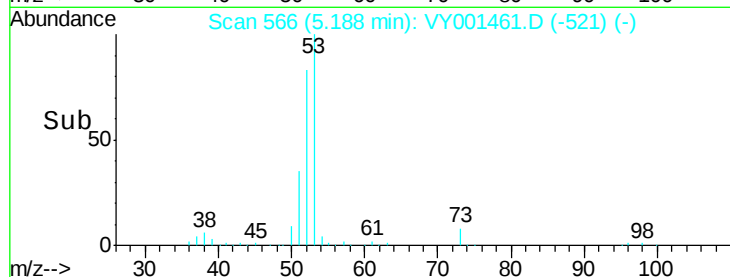
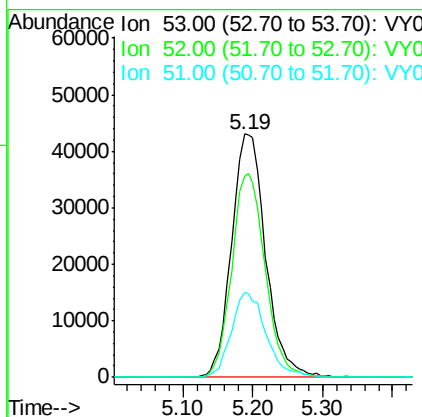
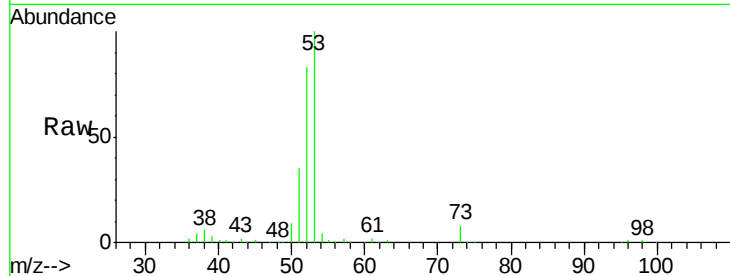
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	145694
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.3	97.9
51	35.6	28.4	42.6

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#16

Acetone

Concen: 272.570 ug/l

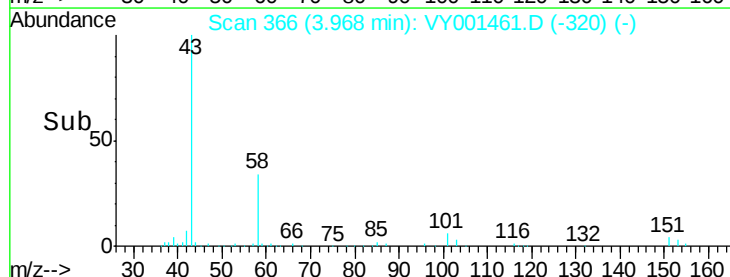
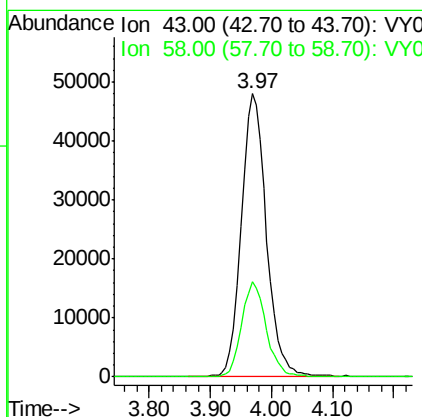
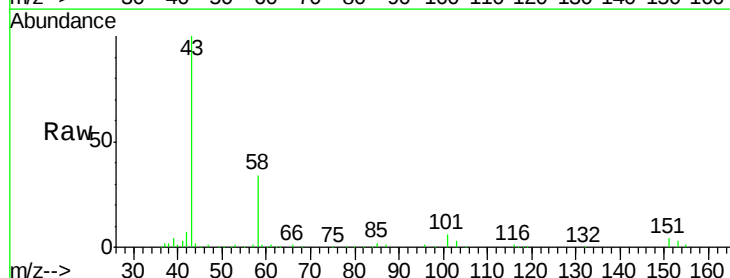
RT: 3.97 min Scan# 366

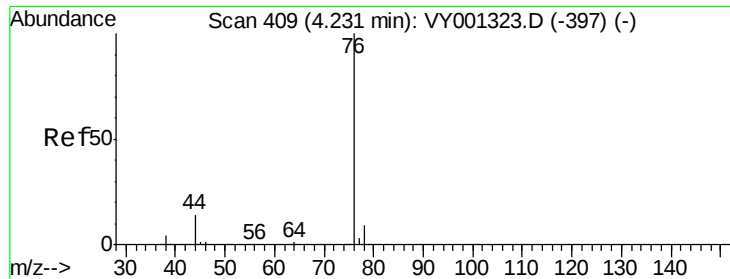
Delta R.T. -0.02 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion:	43	Resp:	136718
Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.4	38.0





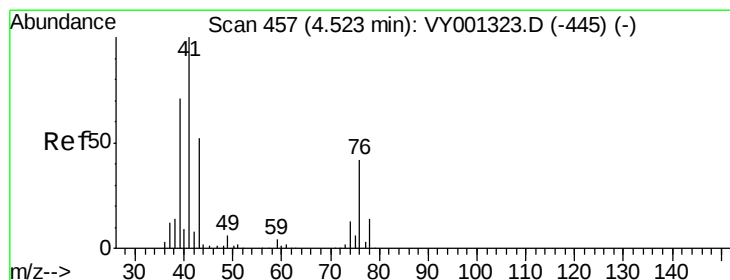
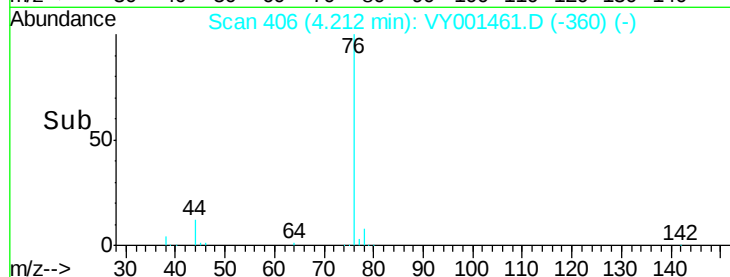
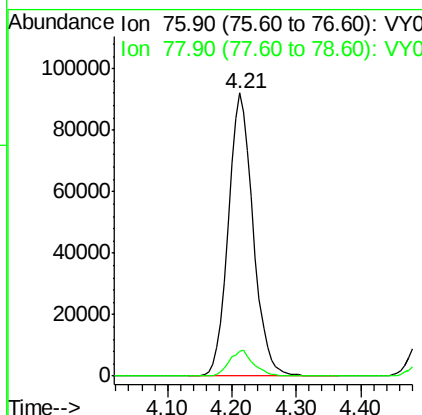
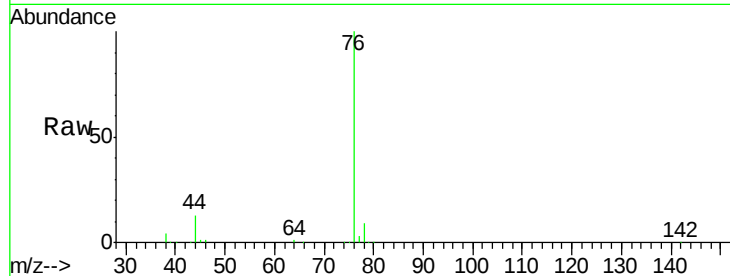
#17
Carbon Disulfide
Concen: 42.414 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

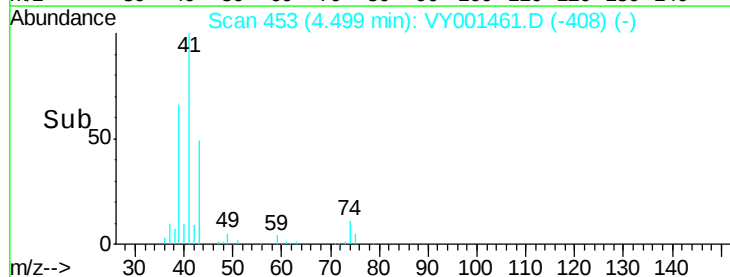
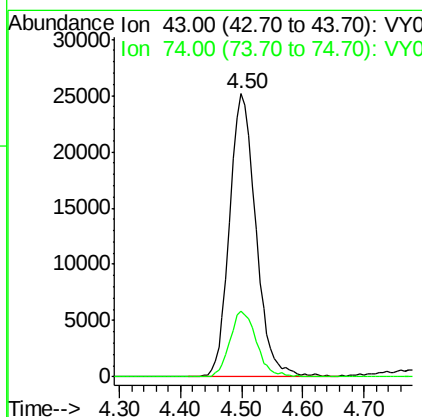
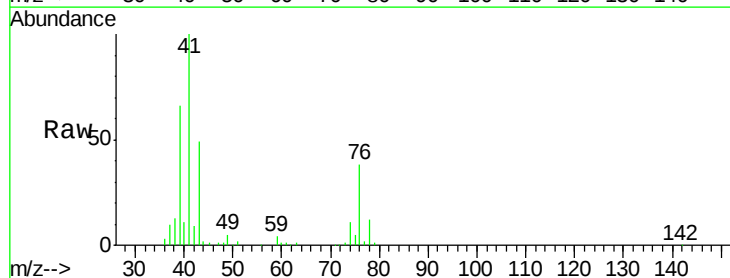
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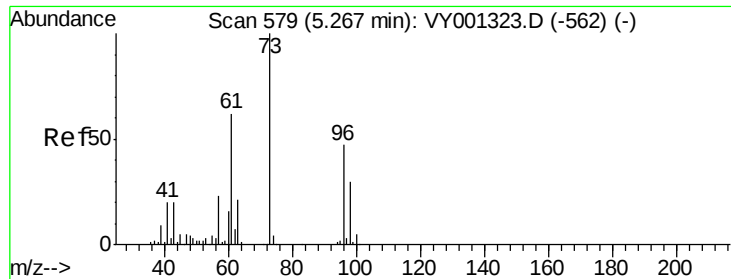
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#18
Methyl Acetate
Concen: 46.374 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





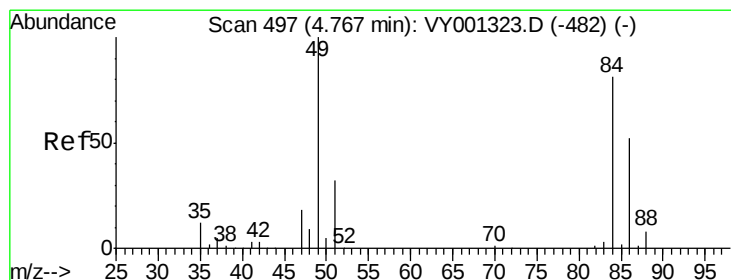
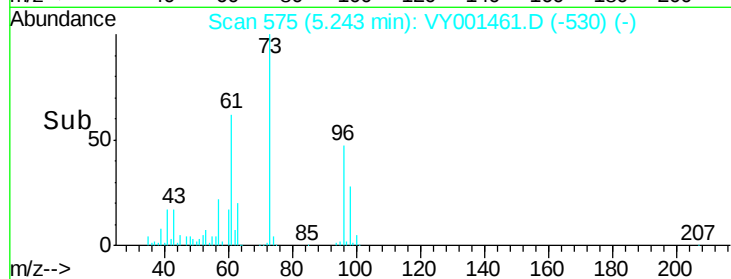
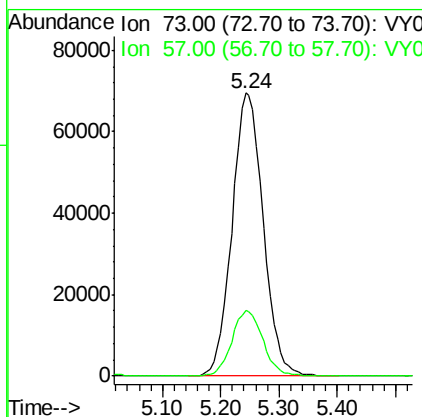
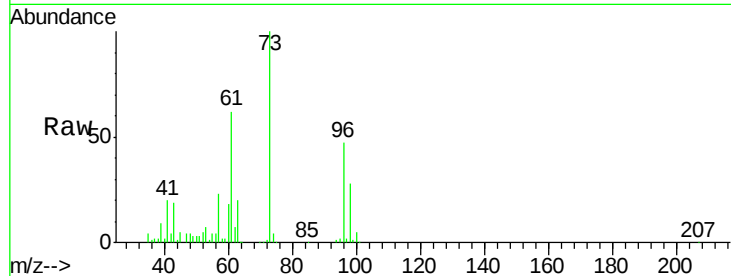
#19
Methvl tert-butvl Ether
Concen: 47.281 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.02 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 257854
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.2

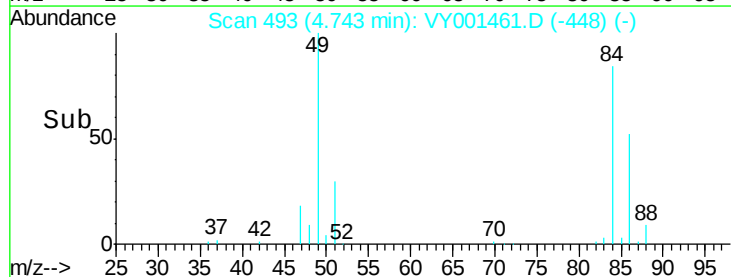
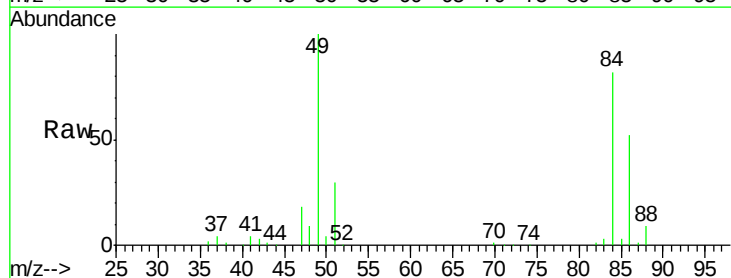
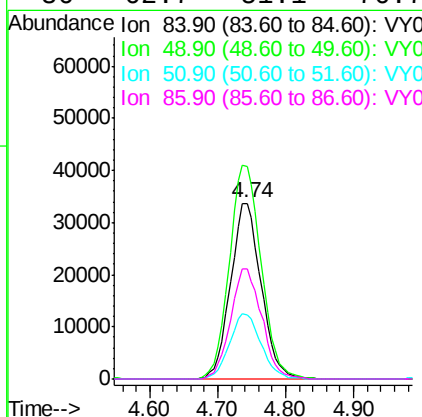
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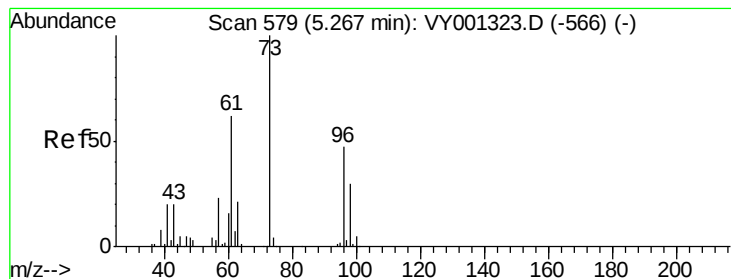
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#20
Methylene Chloride
Concen: 44.038 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion: 84 Resp: 104998
Ion Ratio Lower Upper
84 100
49 121.4 98.3 147.5
51 36.2 31.6 47.4
86 62.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.583 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

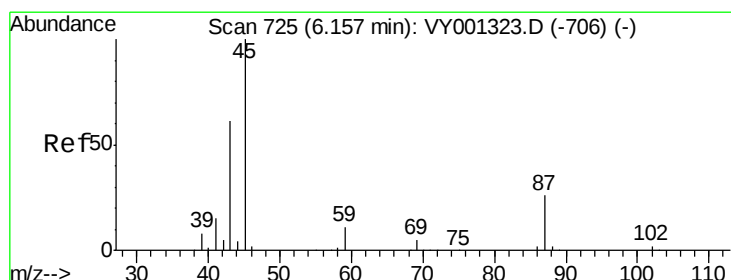
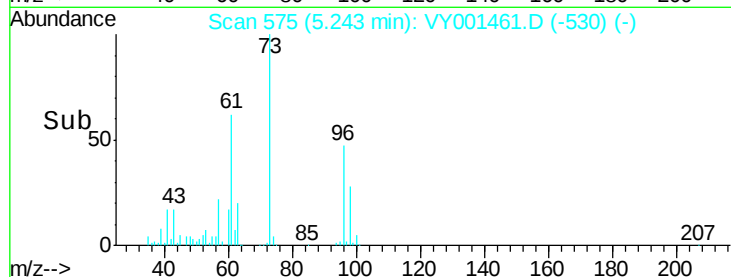
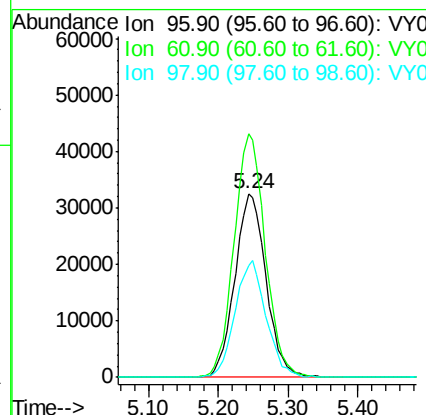
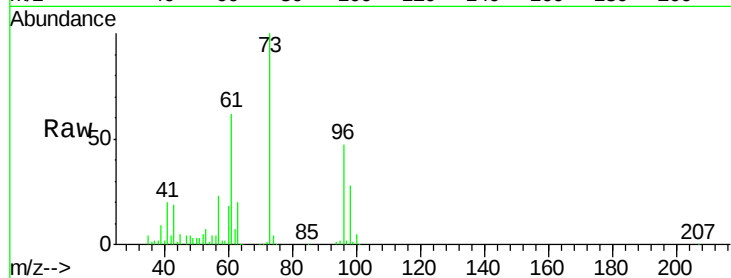
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	100785
Ion	Ratio	Lower	Upper
96	100		
61	132.6	106.8	160.2
98	60.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 48.393 ug/l

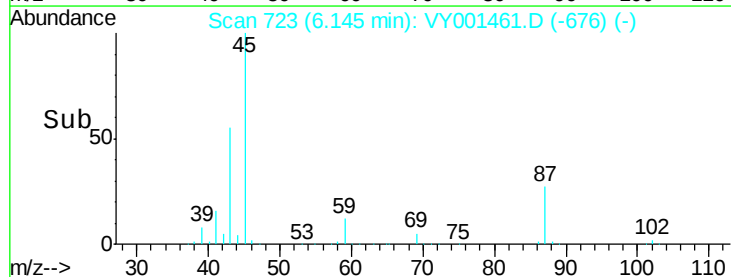
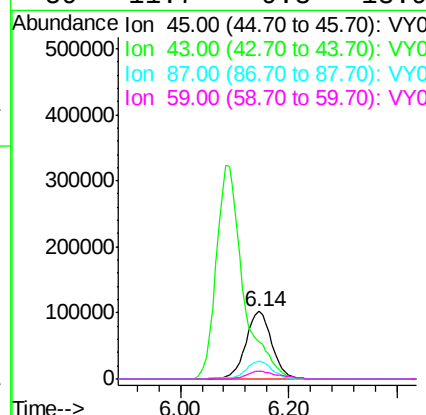
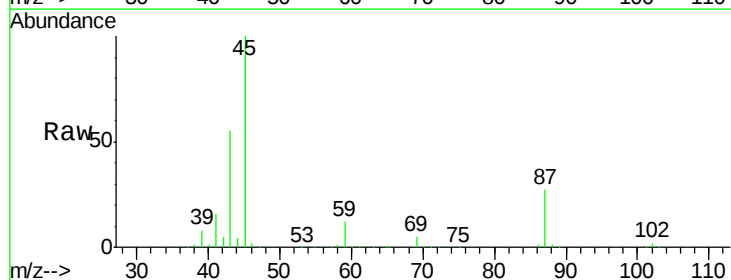
RT: 6.14 min Scan# 723

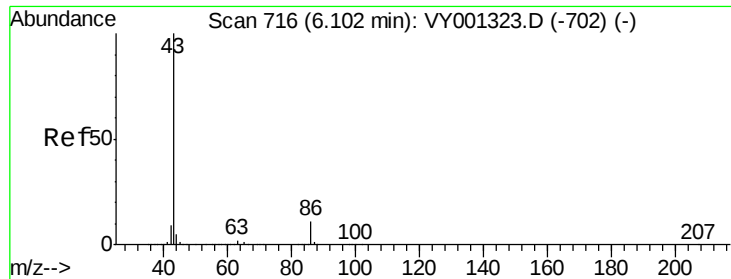
Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion:	45	Resp:	341328
Ion	Ratio	Lower	Upper
45	100		
43	55.1	49.2	73.8
87	26.7	21.4	32.2
59	11.7	9.3	13.9





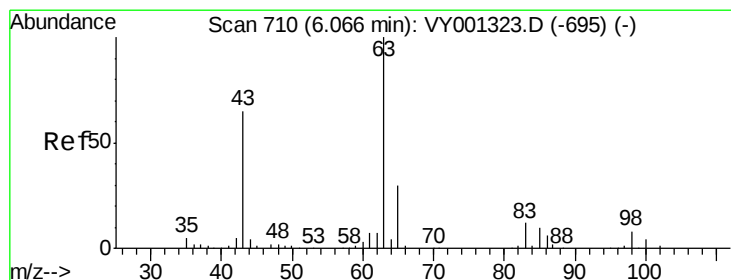
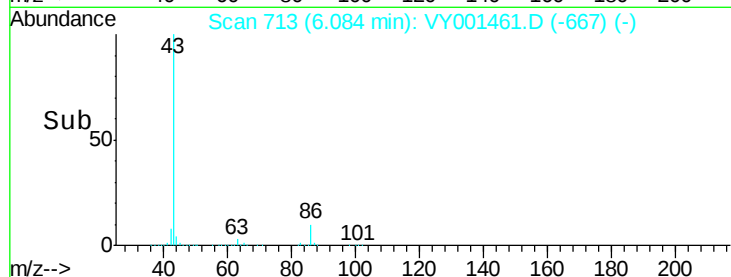
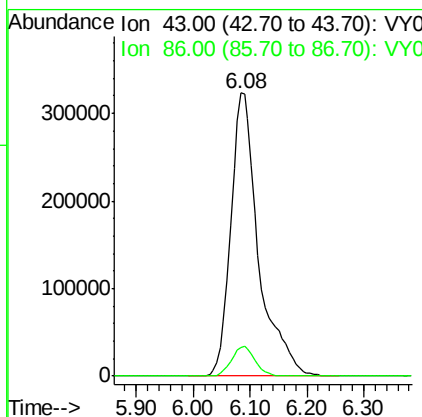
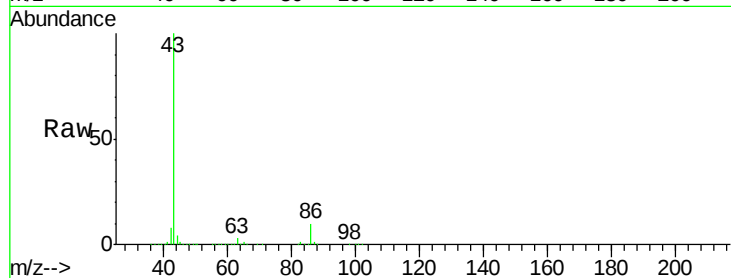
#23
 Vinyl Acetate
 Concen: 240.964 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1103382
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0

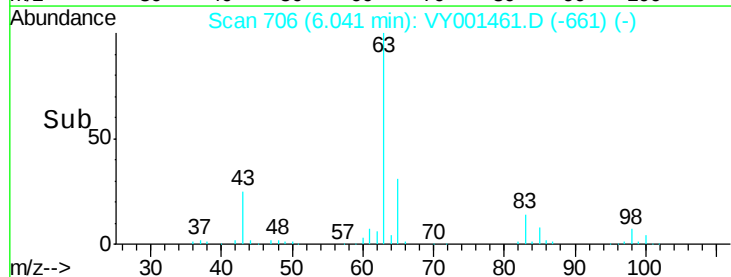
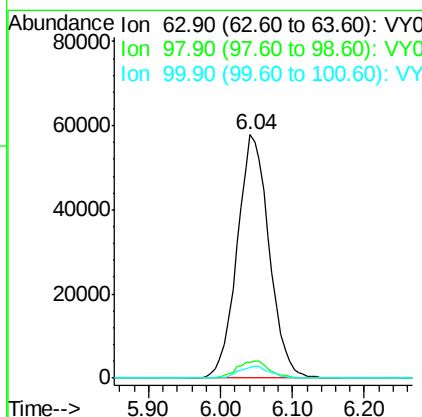
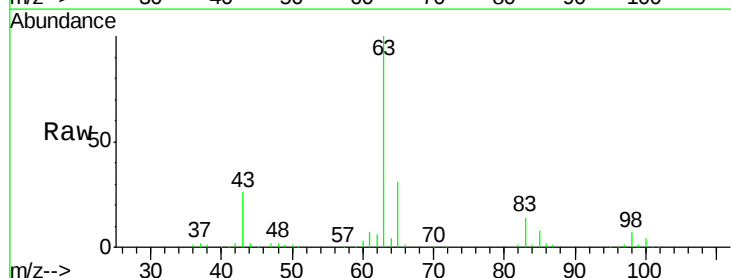
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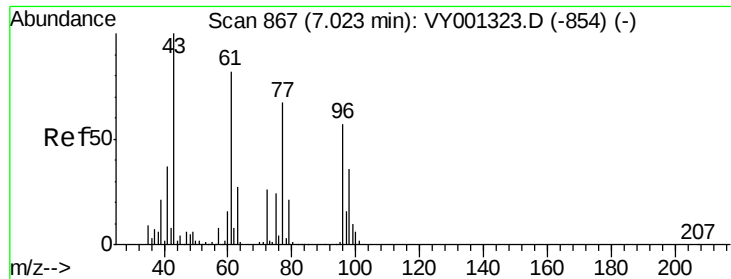
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#24
 1,1-Dichloroethane
 Concen: 47.874 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion: 63 Resp: 177984
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.0
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 242.470 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 201455

Ion Ratio Lower Upper

43 100

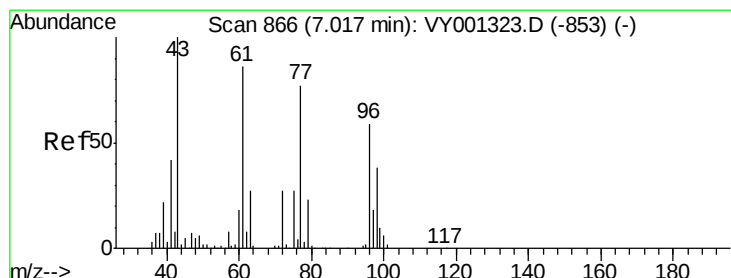
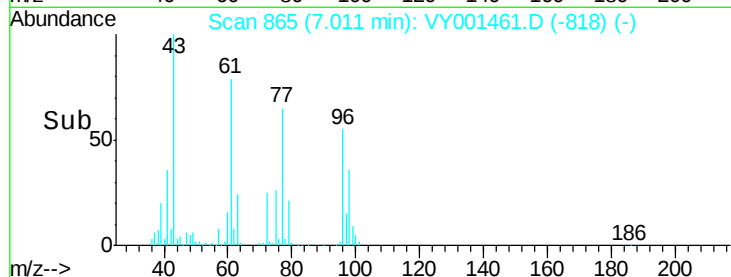
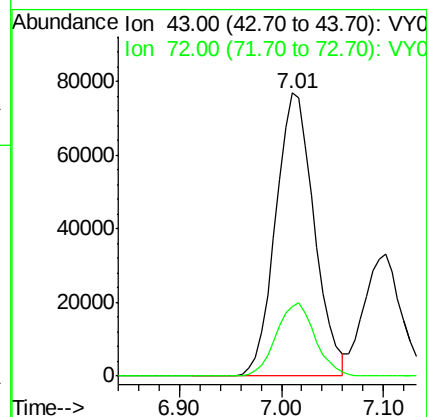
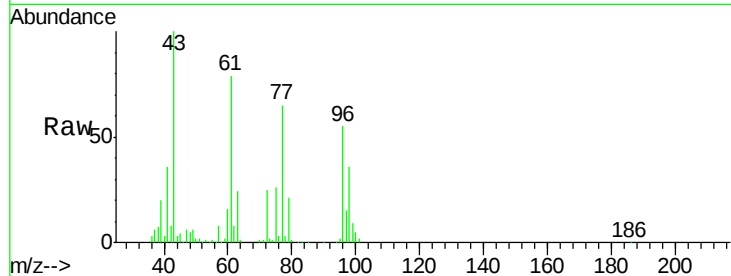
72 24.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.115 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001461.D

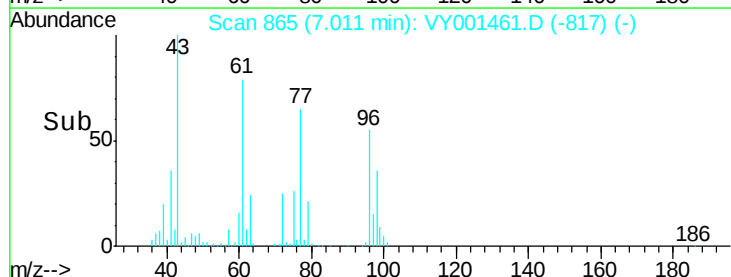
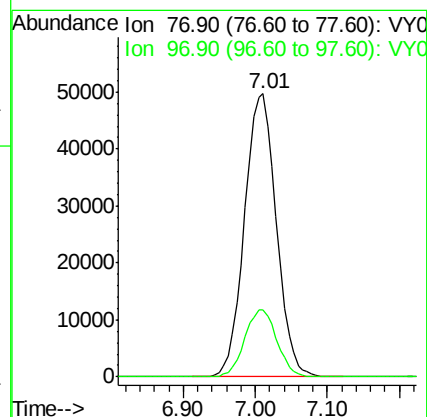
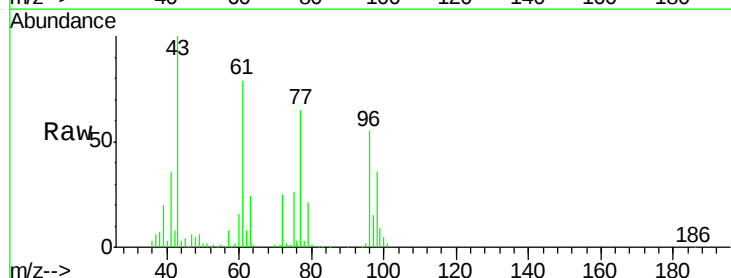
Acq: 31 Jan 2020 17:25

Tgt Ion: 77 Resp: 152712

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5





#27

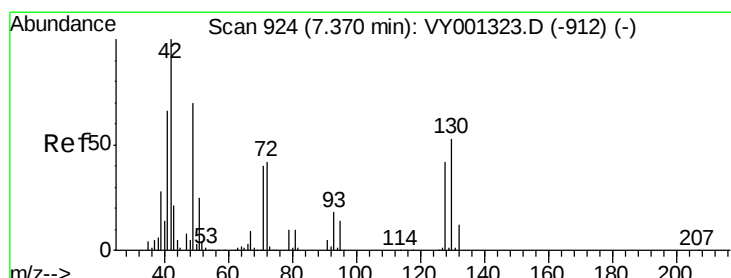
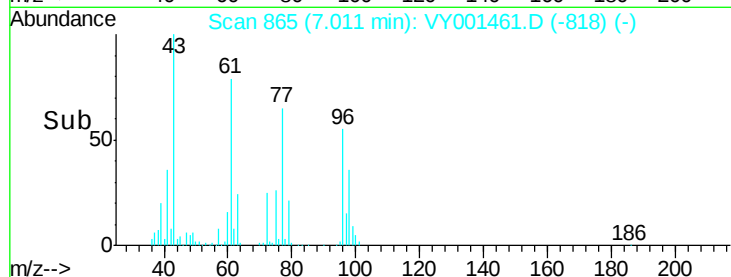
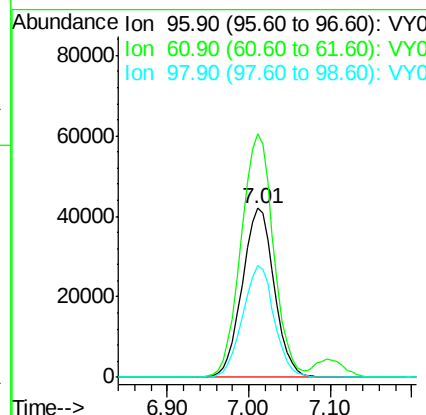
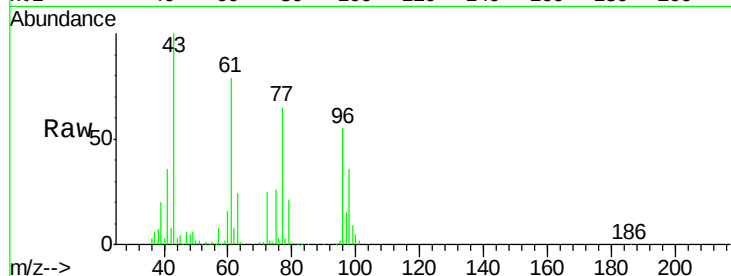
cis-1,2-Dichloroethene
Concen: 47.327 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.8	0.0	284.8	
98	65.1	0.0	128.4	

Manual Integrations
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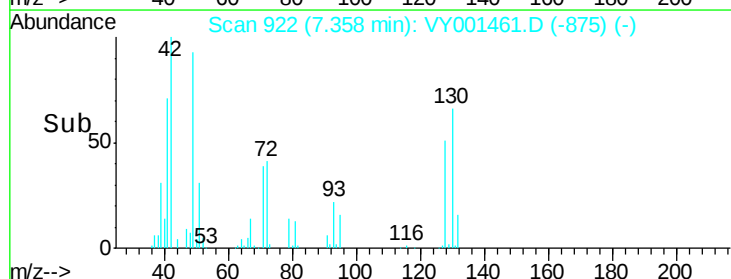
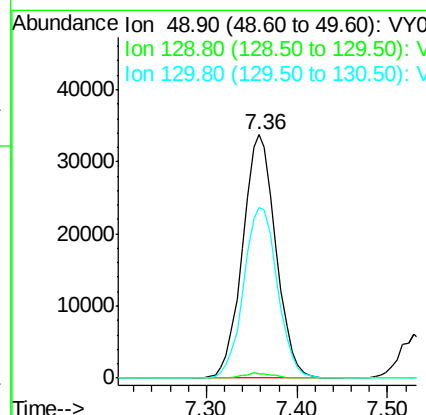
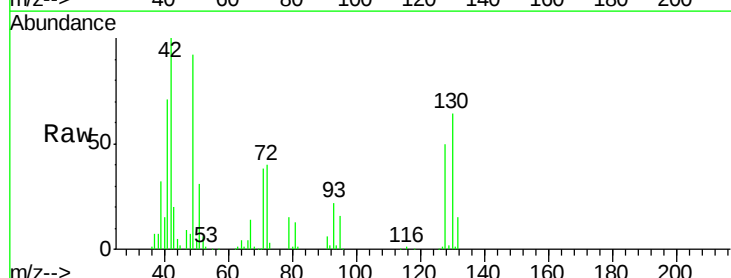
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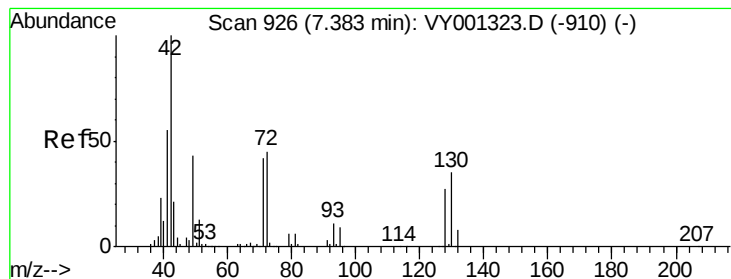


#28

Bromochloromethane
Concen: 55.687 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	4.0	
130	71.4	58.9	88.3	





#29

Tetrahydrofuran

Concen: 236.768 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

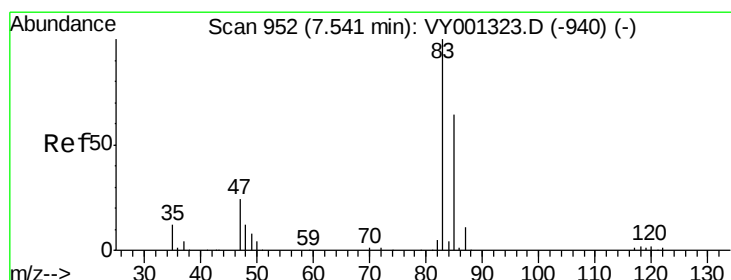
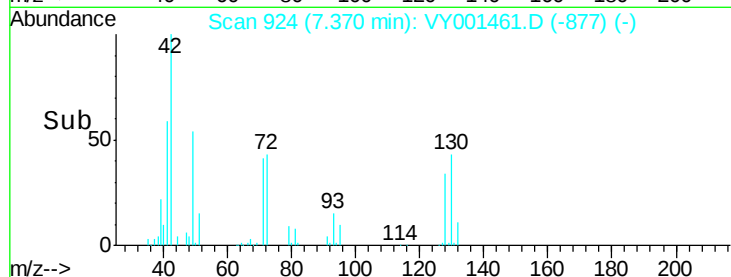
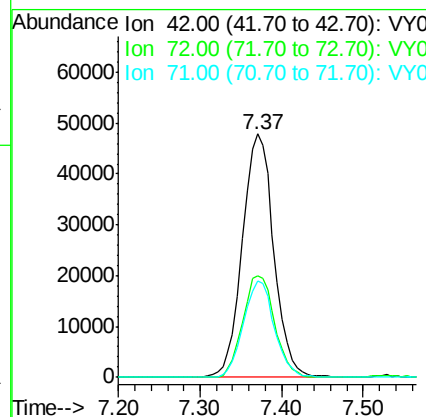
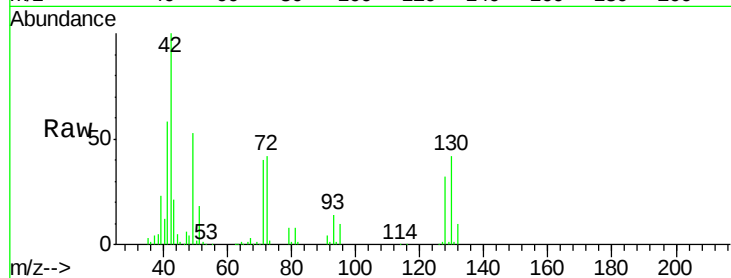
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	127982
Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	51.8
71	39.1	32.6	48.8

Manual Integrations
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#30

Chloroform

Concen: 47.836 ug/l

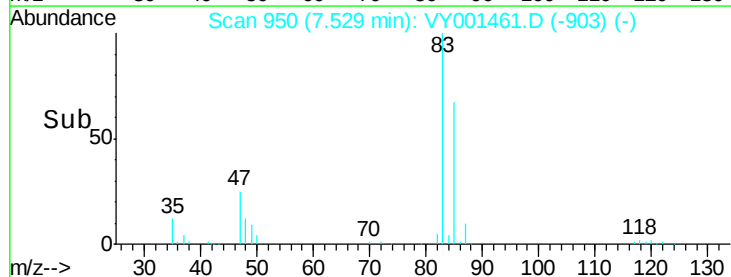
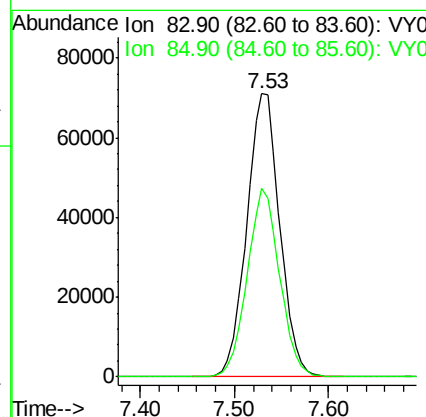
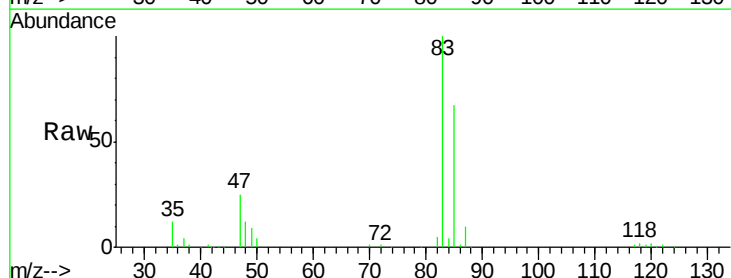
RT: 7.53 min Scan# 950

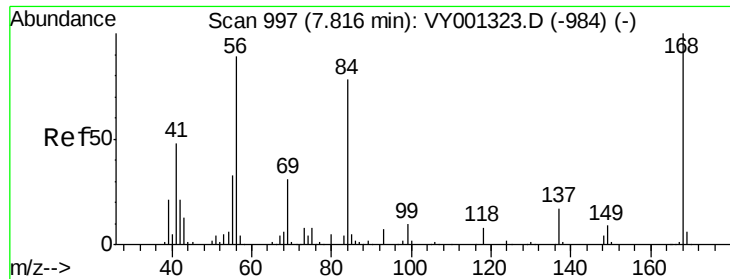
Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion:	83	Resp:	174315
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.5	77.3





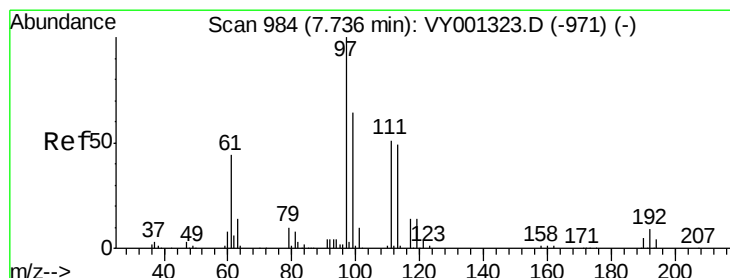
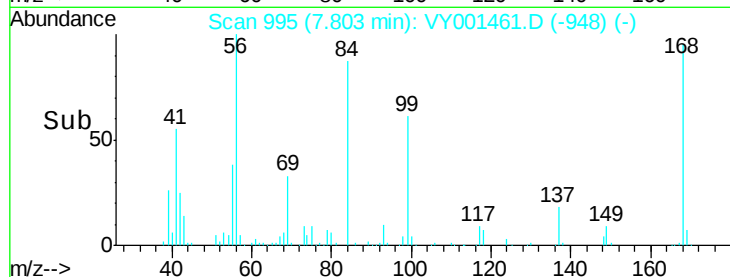
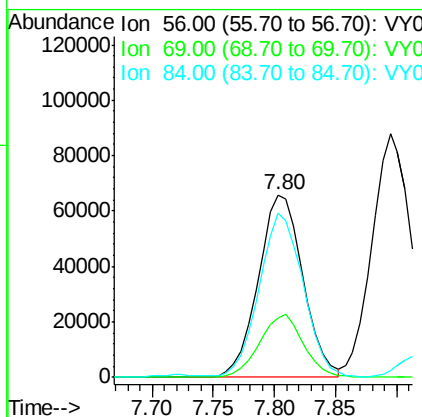
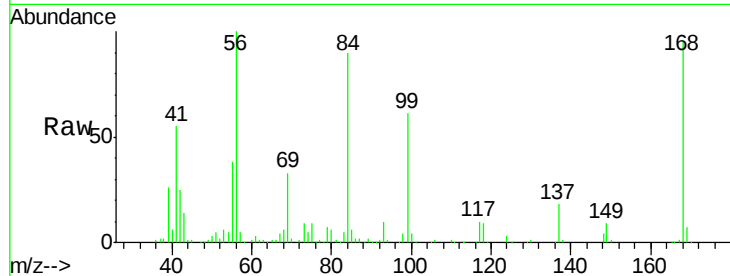
#31
Cyclohexane
Concen: 45.290 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	27.6	41.4
84	88.9	69.7	104.5

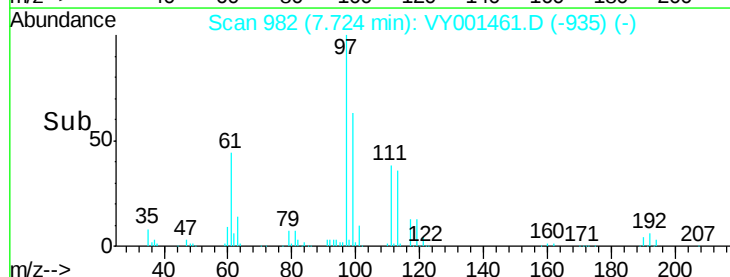
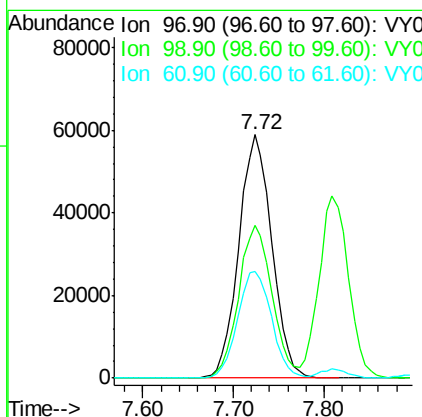
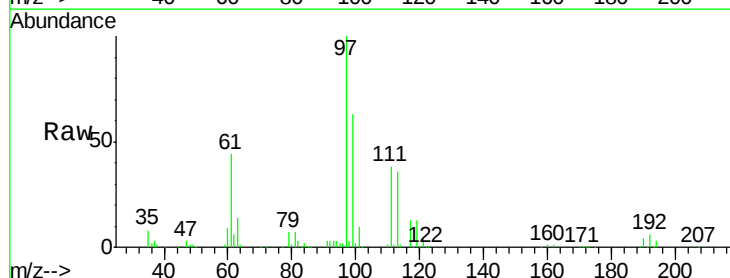
Manual Integrations
APPROVED

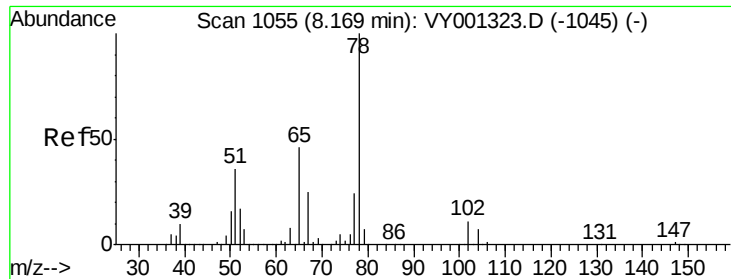
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#32
1,1,1-Trichloroethane
Concen: 48.316 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	45.0	35.9	53.9





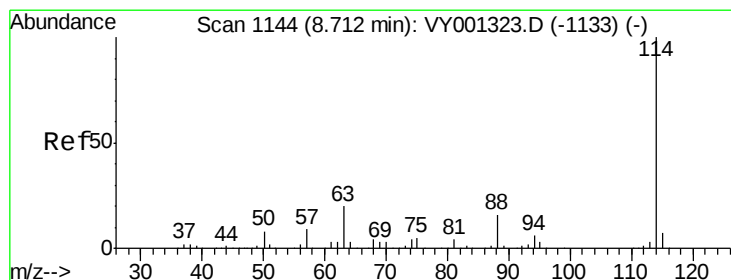
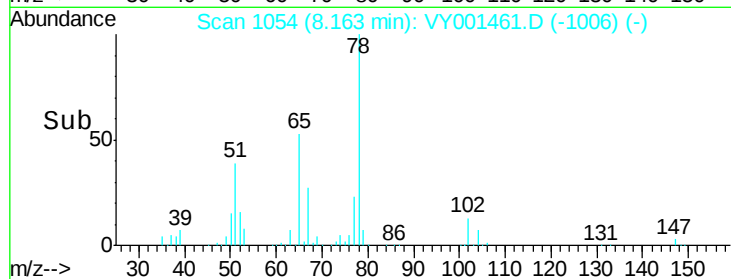
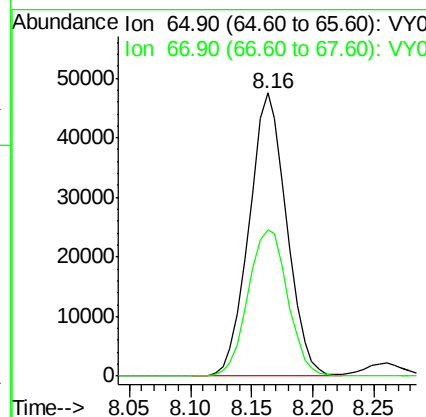
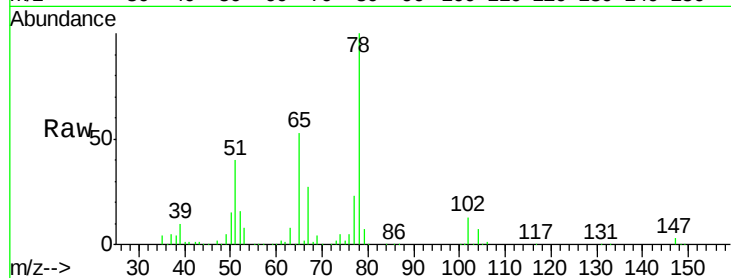
#33
 1,2-Dichloroethane-d4
 Concen: 53.187 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.6

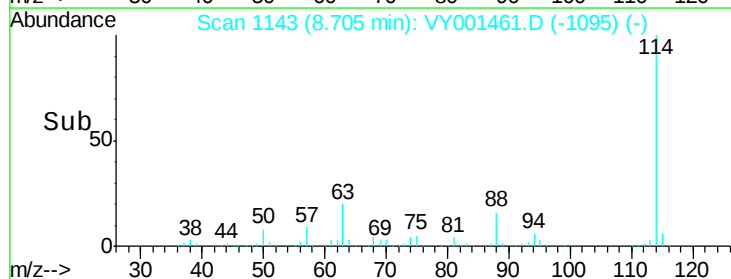
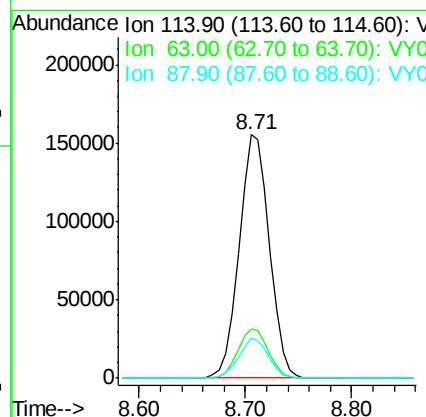
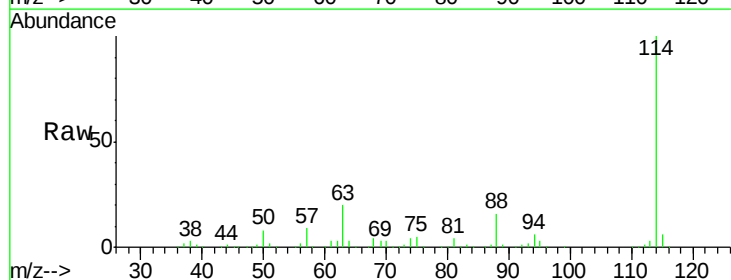
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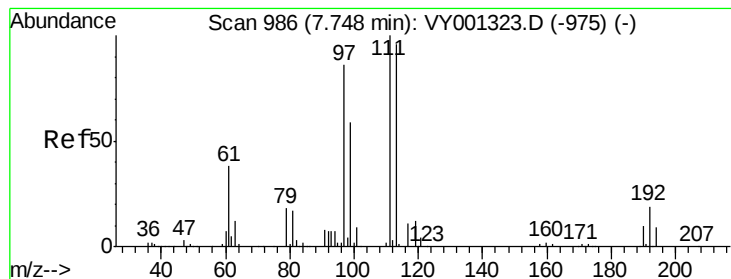
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.3	0.0	31.0





#35

Dibromofluoromethane

Concen: 52.061 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 94268

Ion Ratio Lower Upper

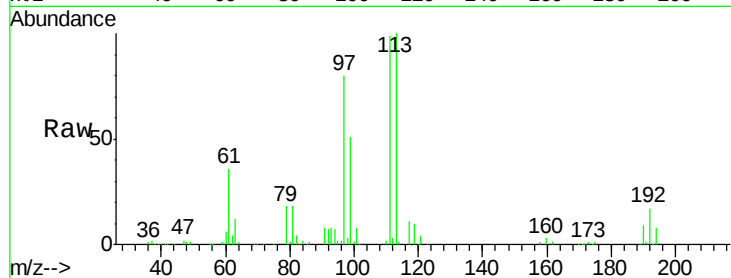
113 100

111 103.0 82.8 124.2

192 18.7 15.5 23.3

Manual Integrations
APPROVED

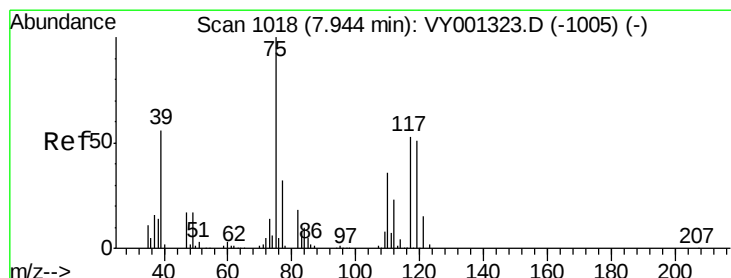
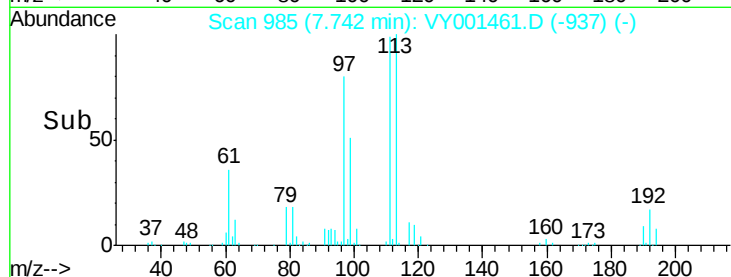
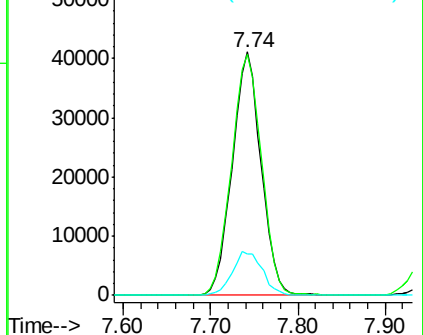
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.874 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

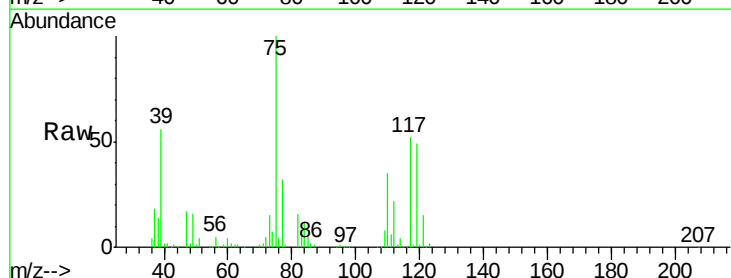
Tgt Ion: 75 Resp: 139540

Ion Ratio Lower Upper

75 100

110 35.4 17.6 52.8

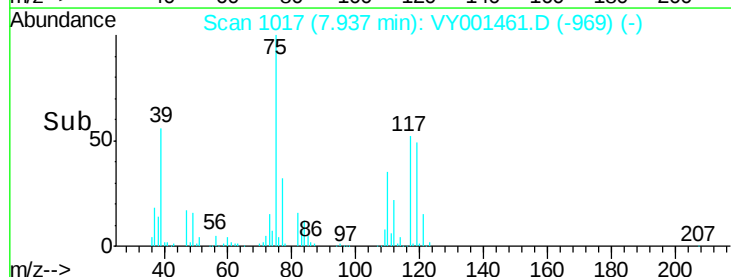
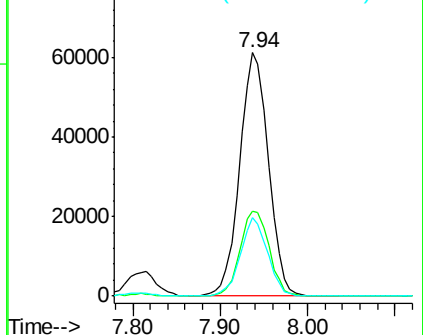
77 30.7 24.7 37.1

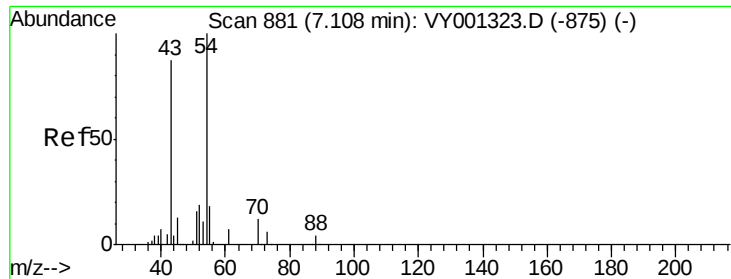


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





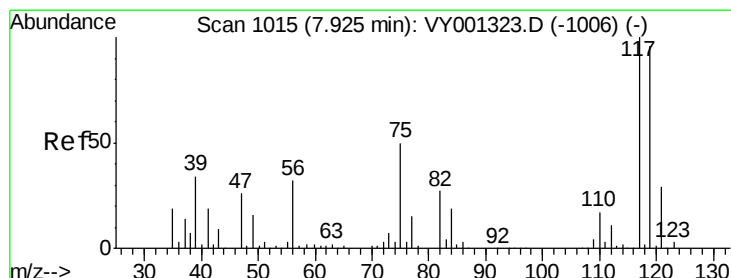
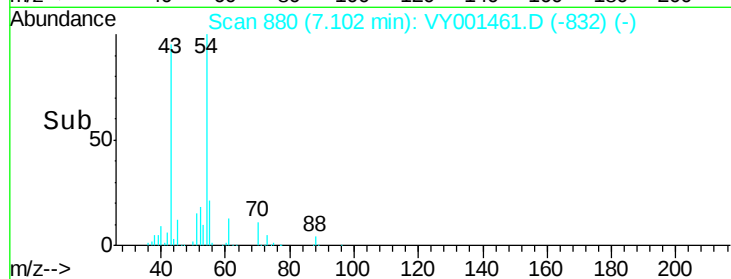
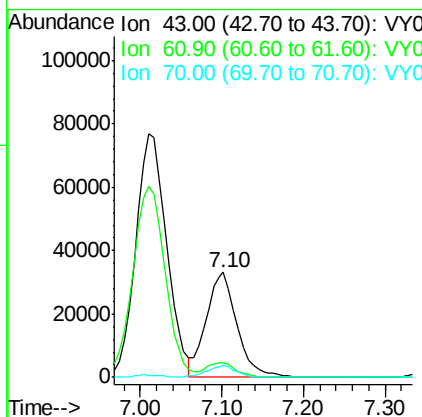
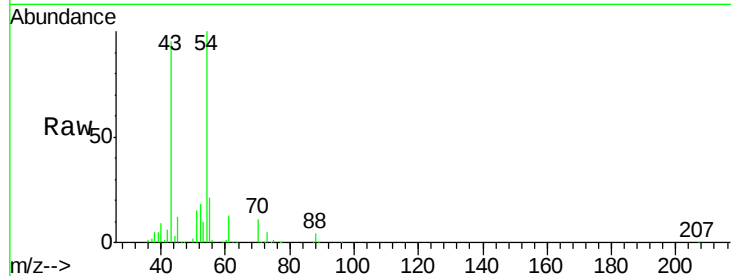
#37
Ethyl Acetate
Concen: 49.066 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	10.6	8.7	13.1

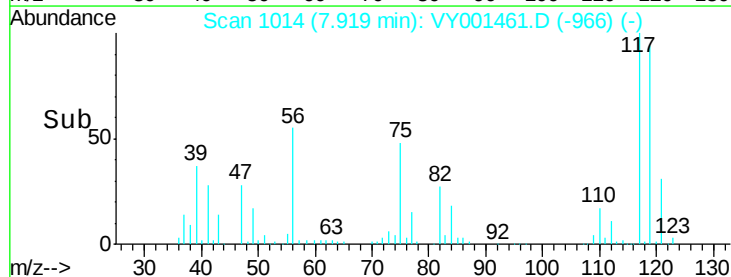
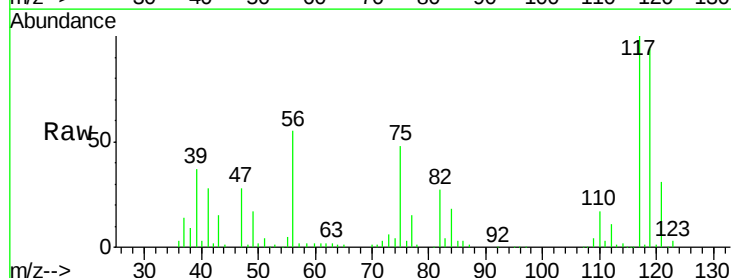
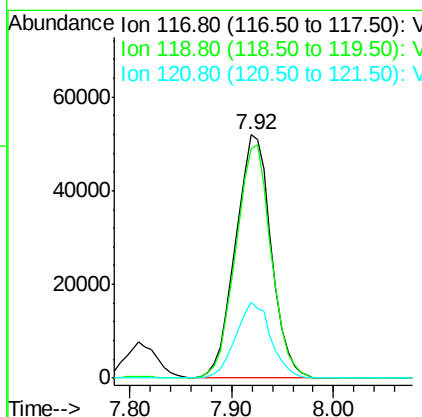
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.477 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.3	114.5
121	30.9	23.5	35.3





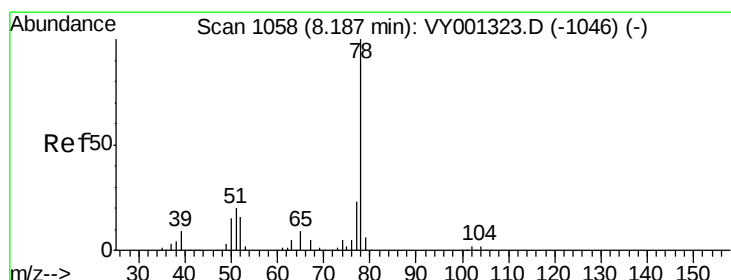
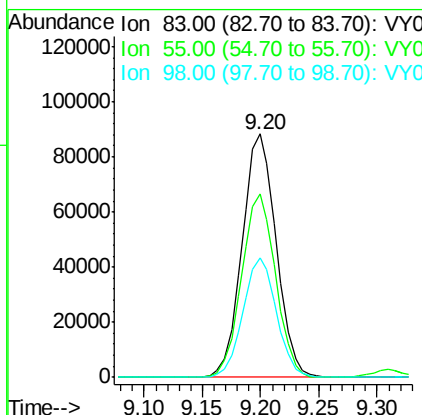
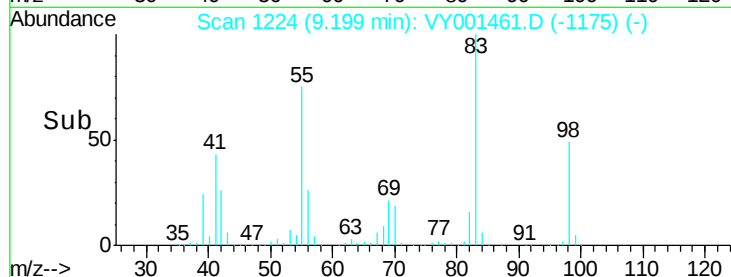
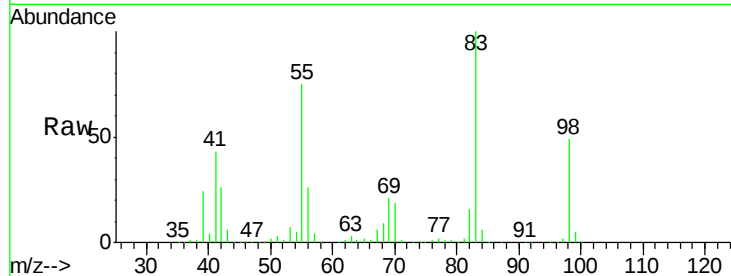
#39
Methvlcvclohexane
Concen: 48.110 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	179640
Ion Ratio	100	Lower	Upper
83	100		
55	75.3	60.7	91.1
98	48.9	37.8	56.8

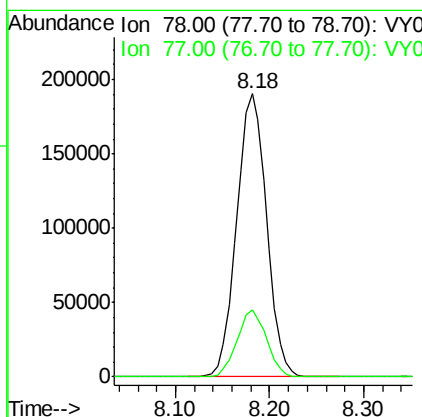
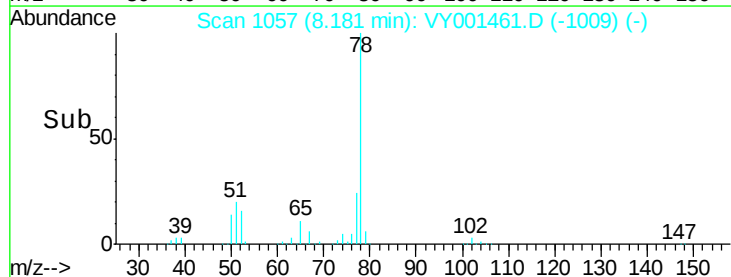
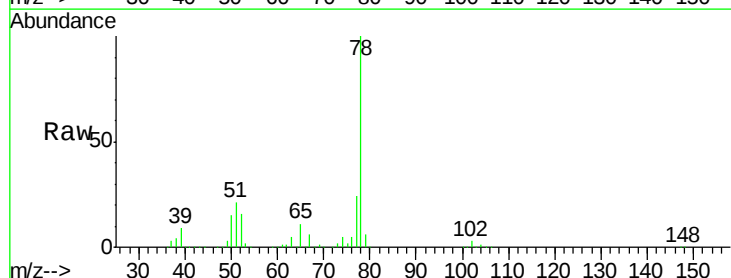
Manual Integrations
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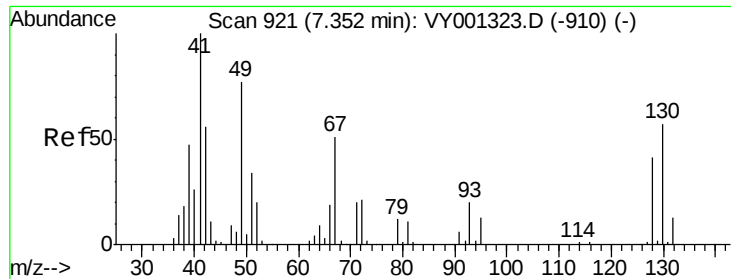
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#40
Benzene
Concen: 48.262 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	78	Resp	421792
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	18.6	27.8





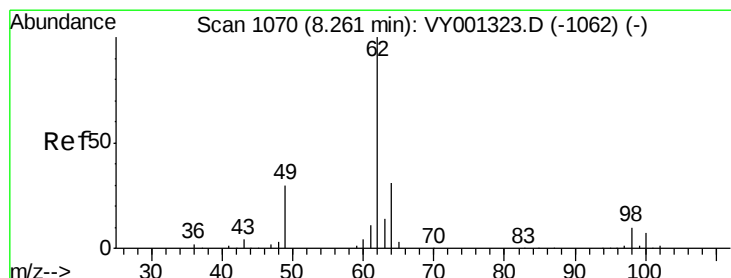
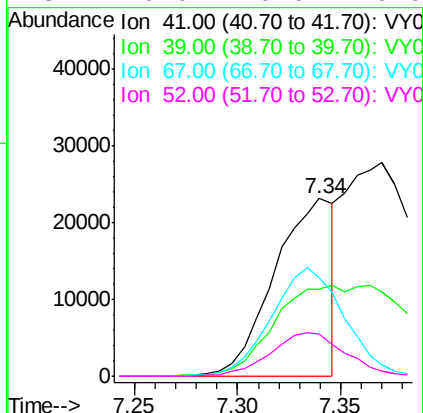
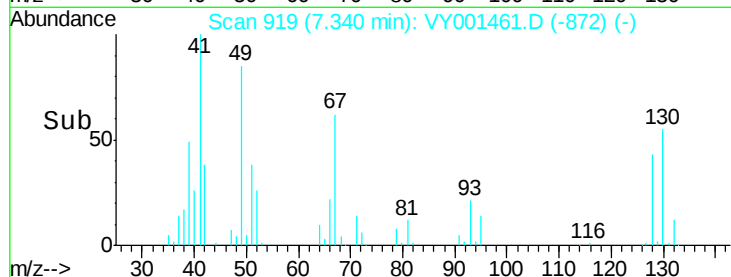
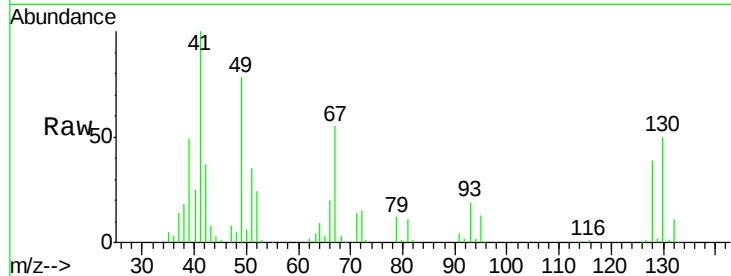
#41
Methacrylonitrile
Concen: 51.078 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	46939
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

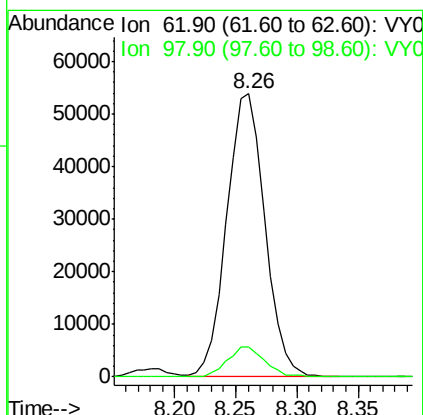
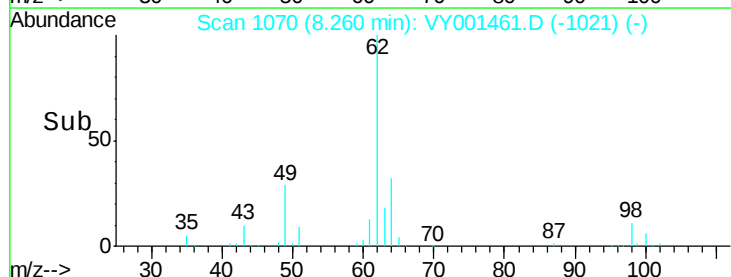
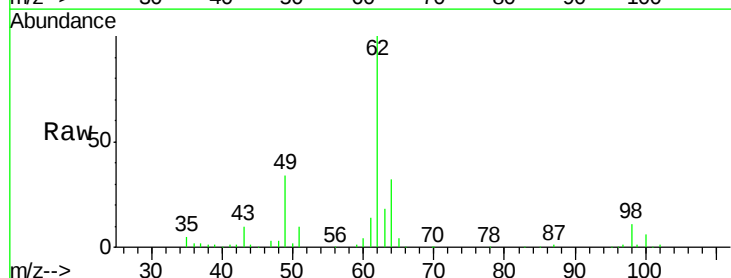
Manual Integrations
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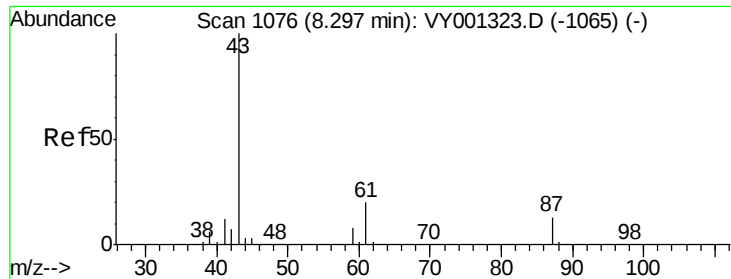
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.745 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	62	Resp	116594
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8





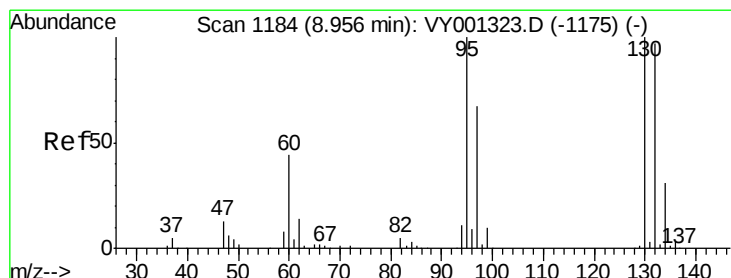
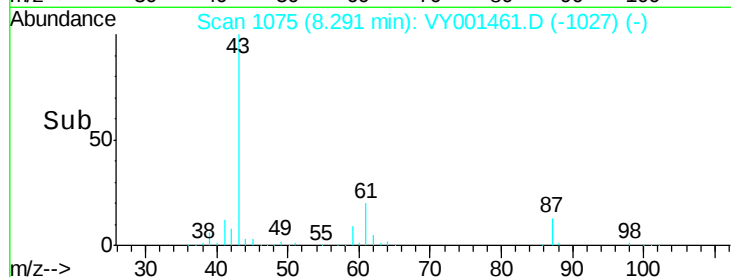
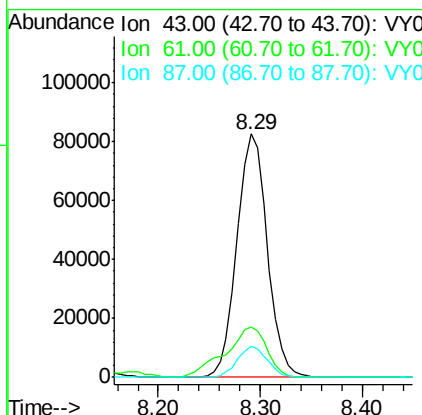
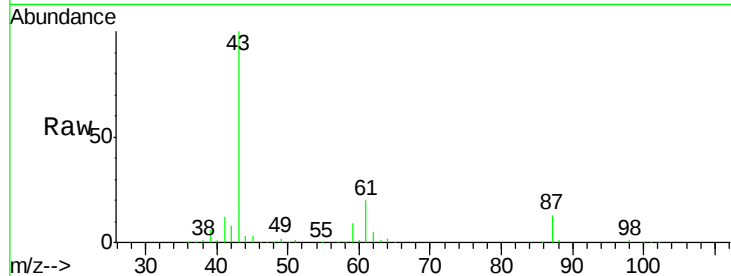
#43
Isopropyl Acetate
Concen: 49.408 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	87
Resp	171087		
Ratio	100	28.4	12.6
Lower		22.7	11.0
Upper		34.1	16.4

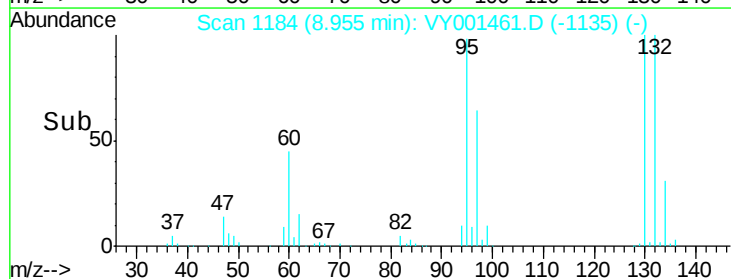
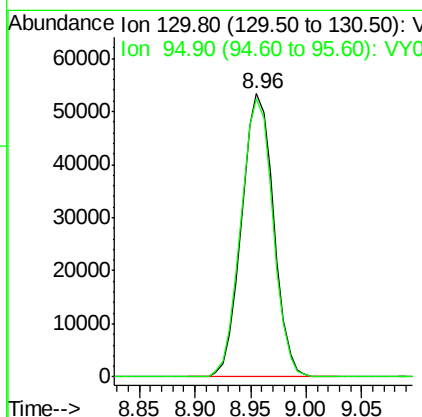
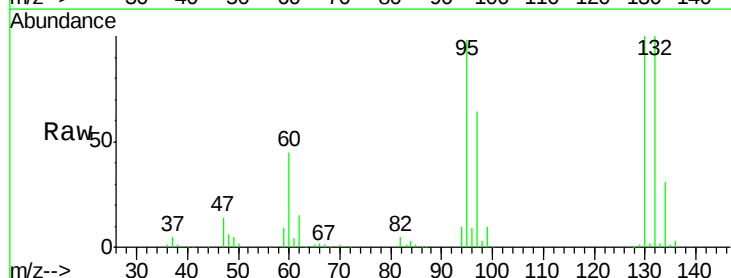
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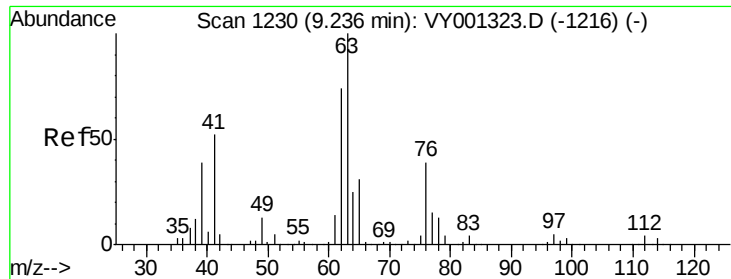
MMDadoda
2/3/2020 10:52:58 AM



#44
Trichloroethene
Concen: 47.443 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	130	95
Resp	106400	
Ratio	100	98.1
Lower		0.0
Upper		200.0





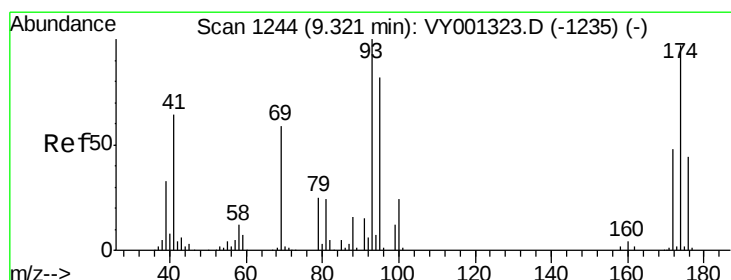
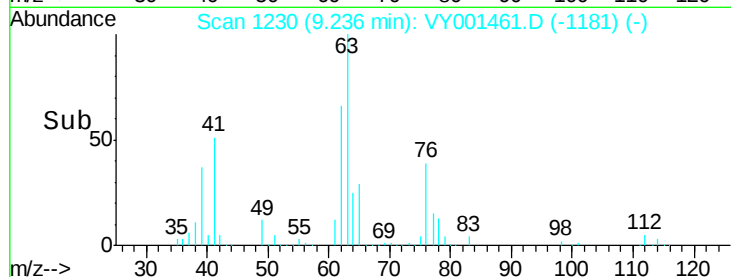
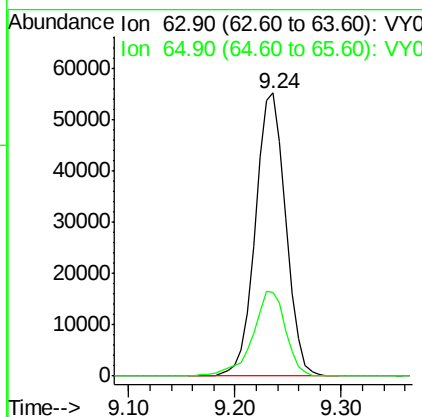
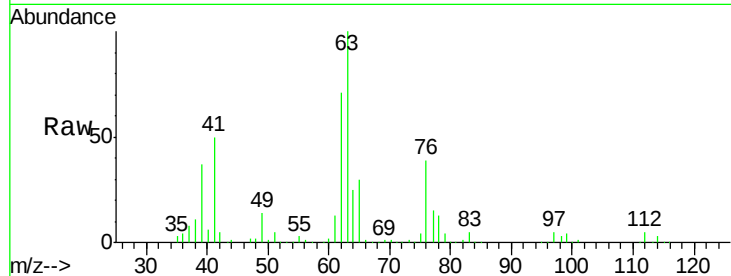
#45
 1,2-Dichloropropane
 Concen: 49.976 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 110413
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.9 37.3

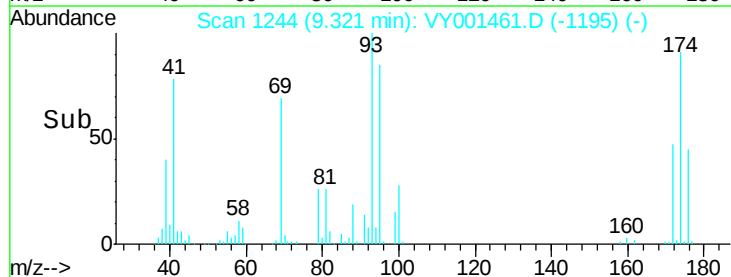
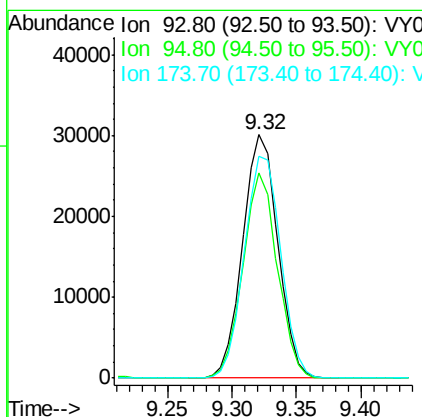
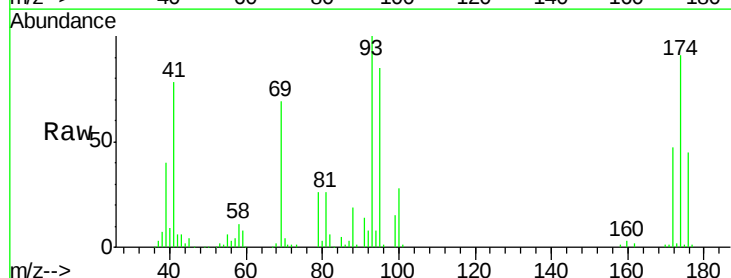
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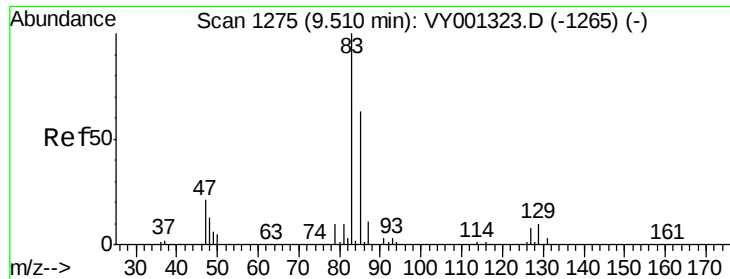
MMDadoda
 2/3/2020 10:52:58 AM



#46
 Dibromomethane
 Concen: 47.840 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion: 93 Resp: 56742
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 94.9 77.9 116.9





#47

Bromodichloromethane

Concen: 48.972 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

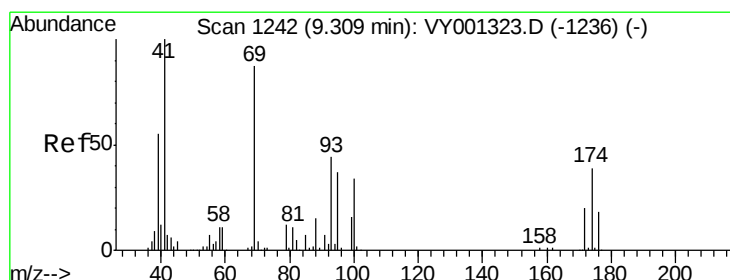
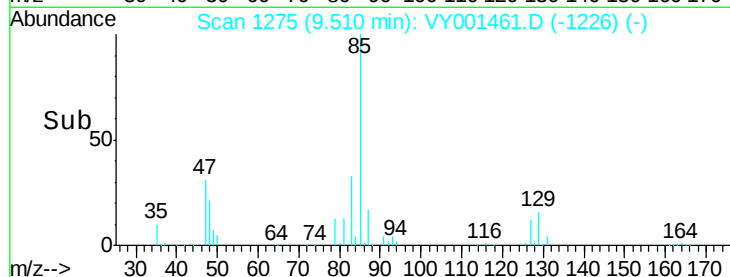
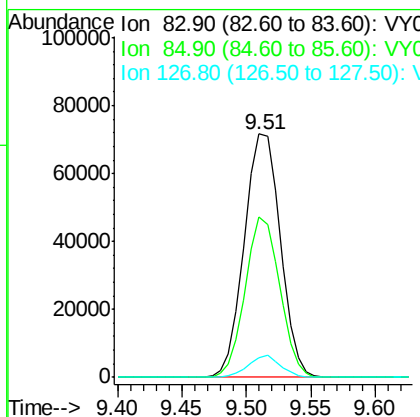
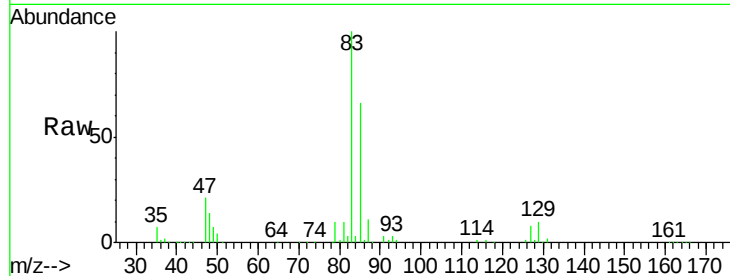
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	138853
Ion Ratio	Lower	Upper	
83	100		
85	65.9	50.2	75.2
127	8.2	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.357 ug/l

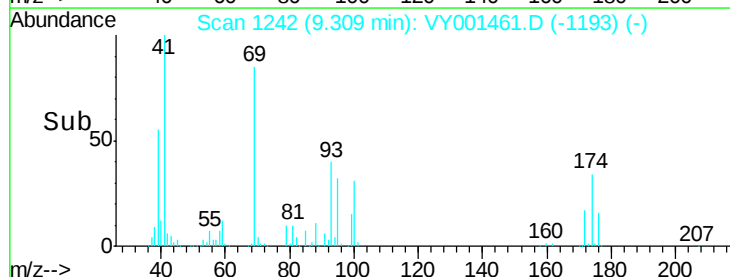
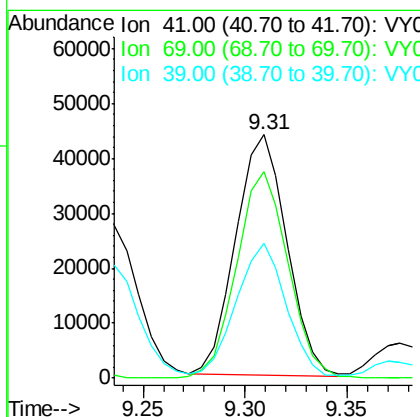
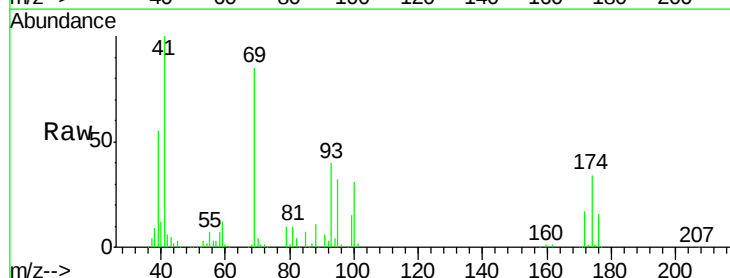
RT: 9.31 min Scan# 1242

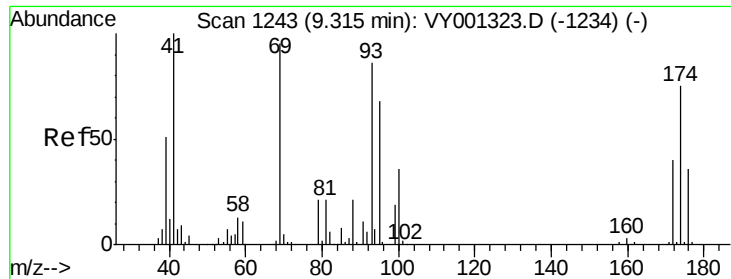
Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion:	41	Resp:	76123
Ion Ratio	Lower	Upper	
41	100		
69	86.7	70.2	105.4
39	53.1	45.7	68.5





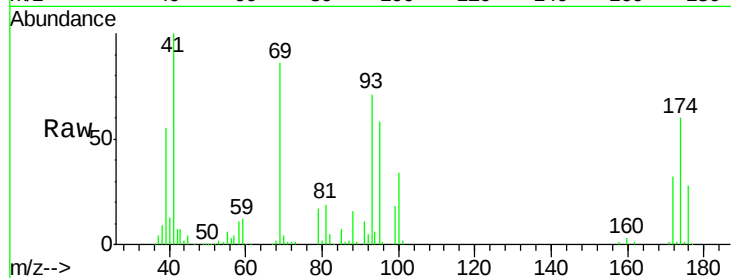
#49
 1,4-Dioxane
 Concen: 951.328 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	28.2	42.2
58	67.1	55.6	83.4

Manual Integrations
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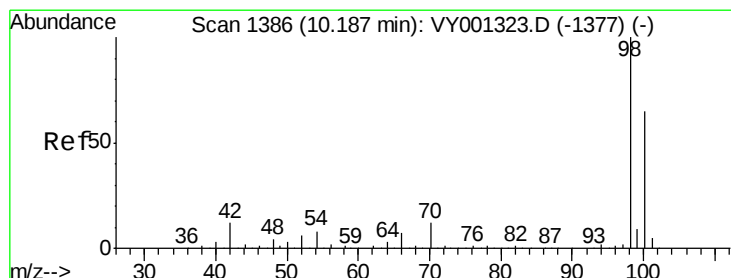
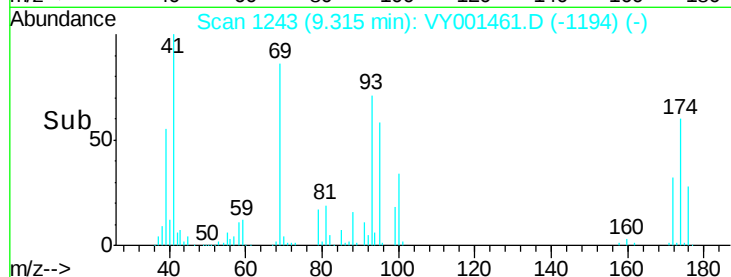
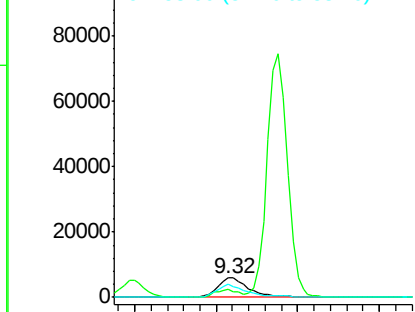


Abundance

Ion 88.00 (87.70 to 88.70): VY0

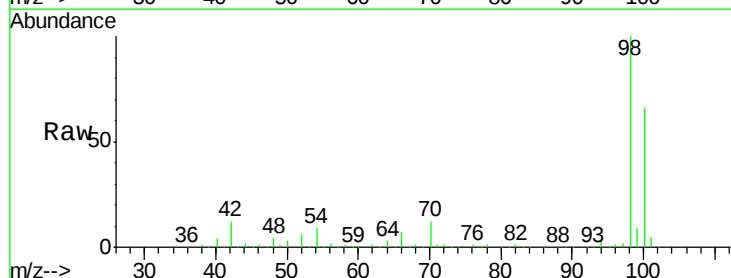
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
 Toluene-d8
 Concen: 54.306 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

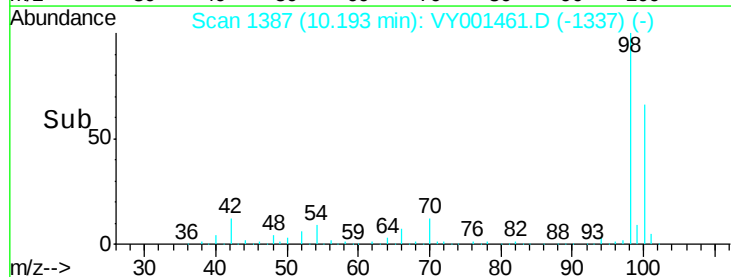
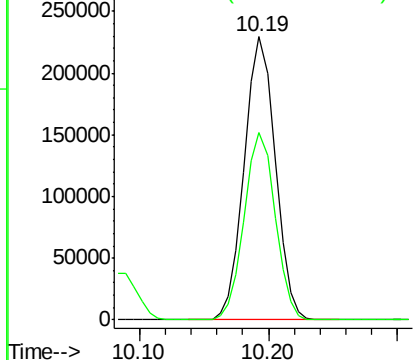
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	79.0

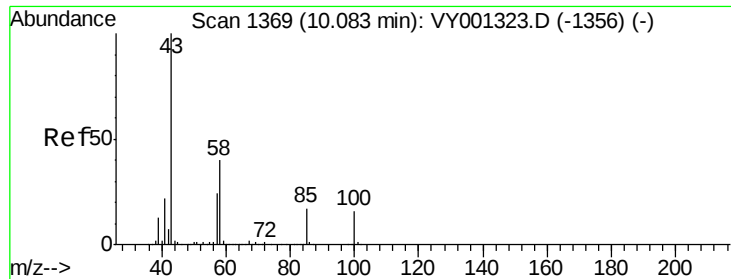


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





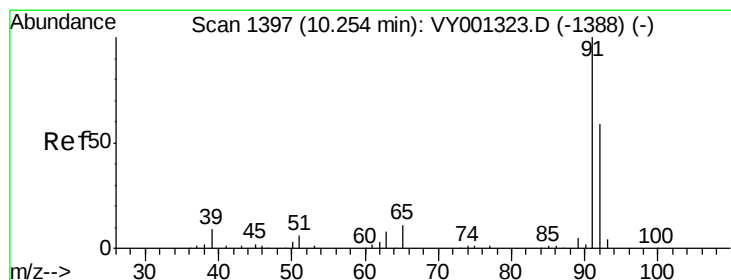
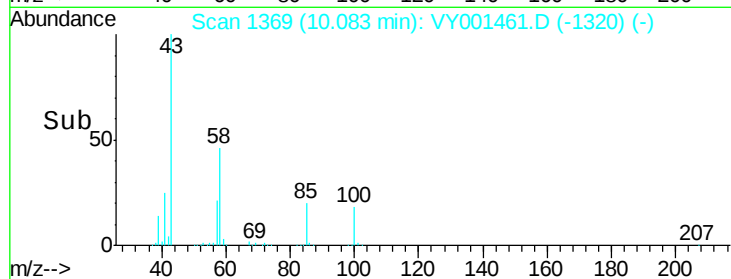
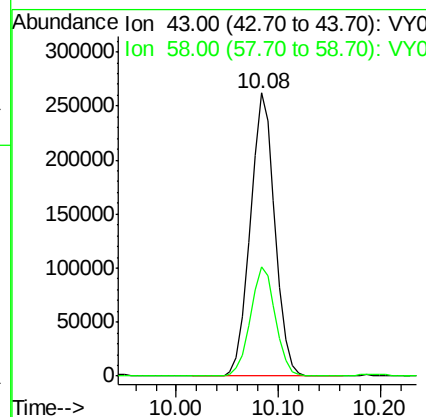
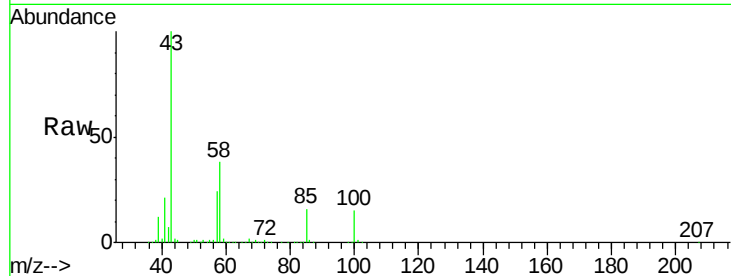
#51
4-Methyl-2-Pentanone
Concen: 245.592 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 437959
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3

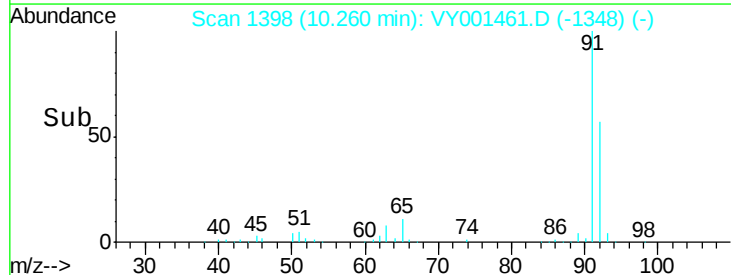
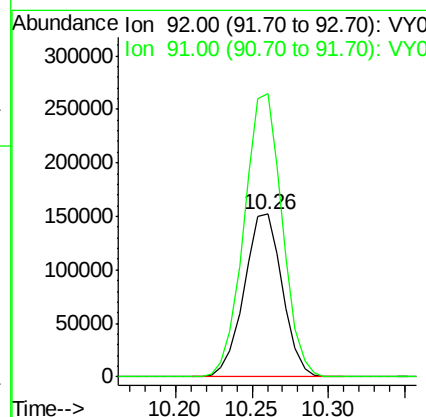
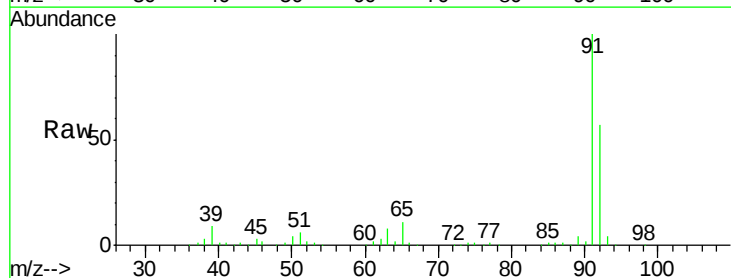
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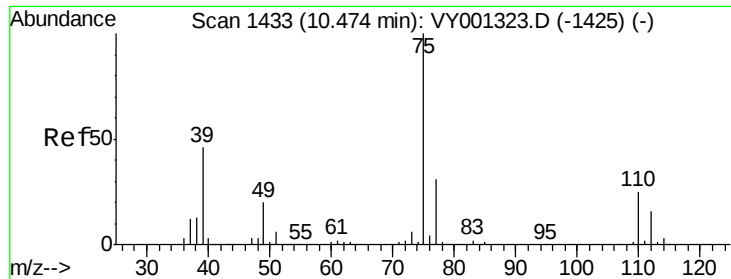
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#52
Toluene
Concen: 47.662 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion: 92 Resp: 264049
Ion Ratio Lower Upper
92 100
91 173.4 136.4 204.6





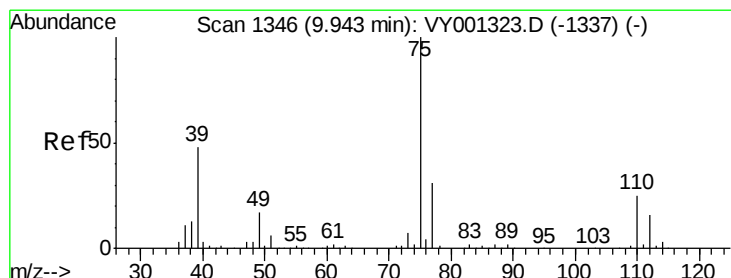
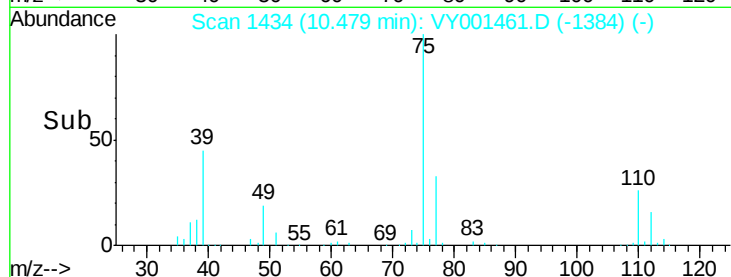
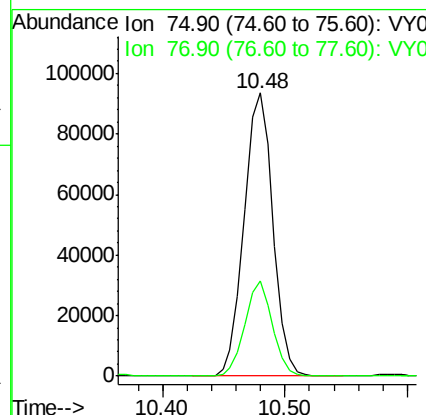
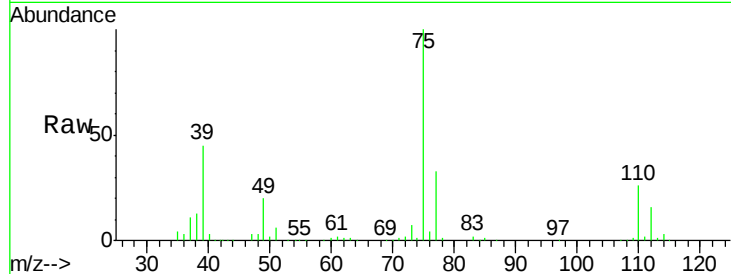
#53
t-1,3-Dichloropropene
Concen: 48.509 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 152451
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8

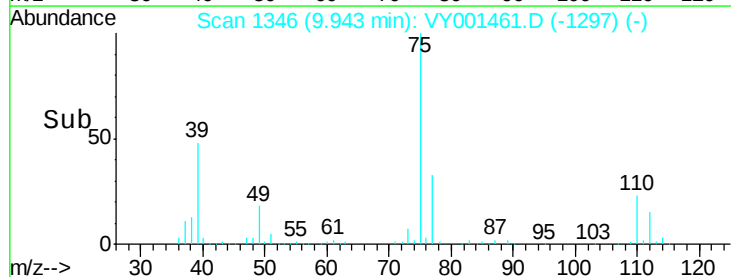
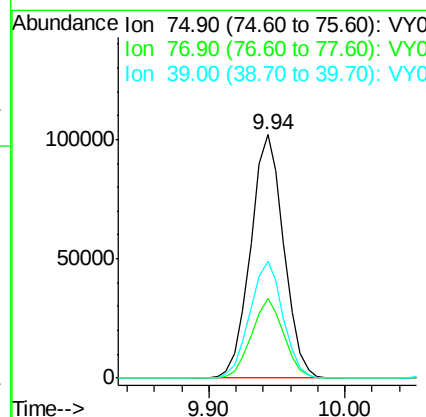
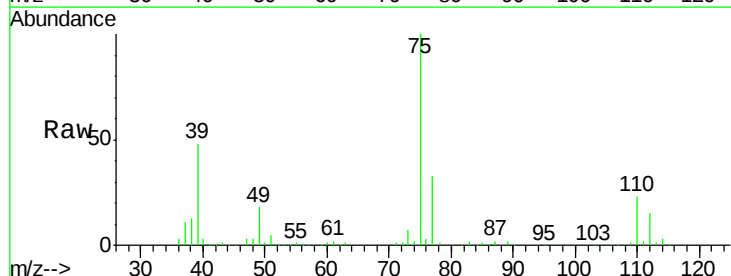
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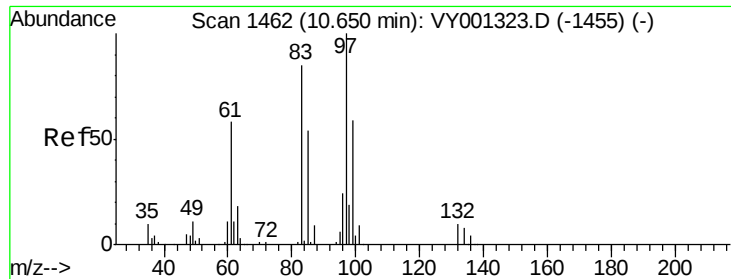
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.280 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion: 75 Resp: 174154
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 47.9 38.2 57.4





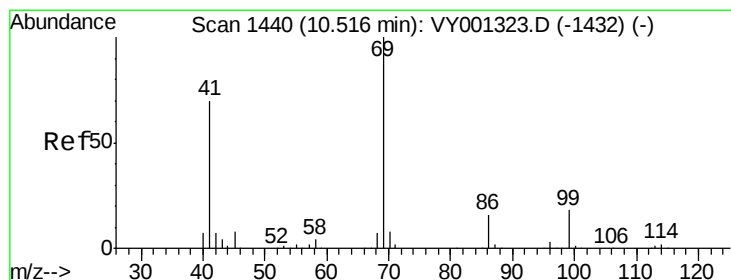
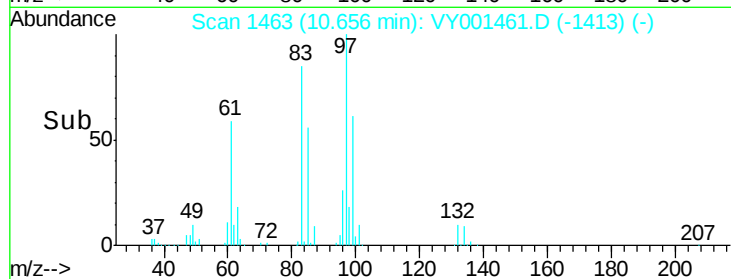
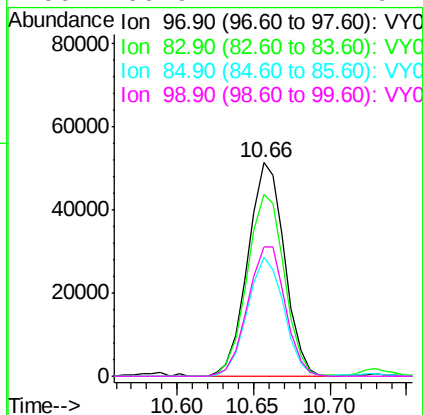
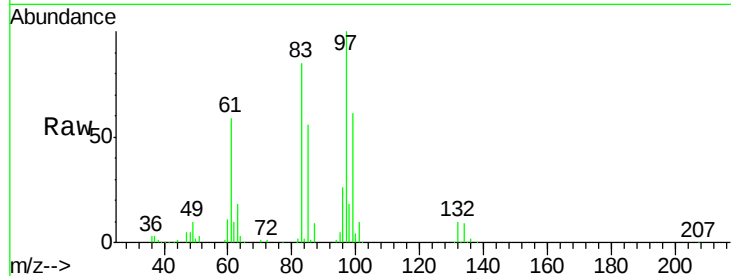
#55
 1,1,2-Trichloroethane
 Concen: 48.700 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.0	102.0
85	55.9	43.6	65.4
99	60.9	47.1	70.7

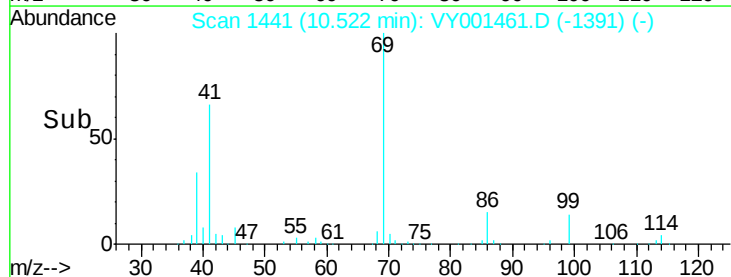
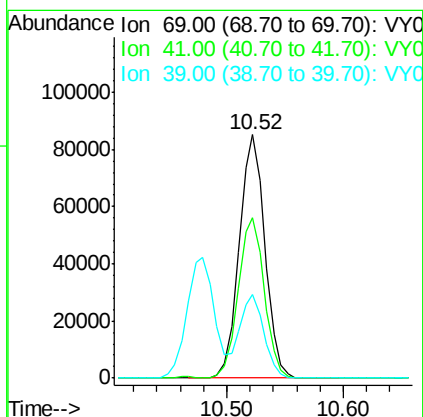
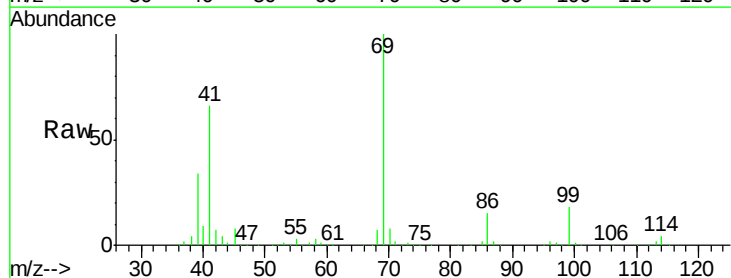
Manual Integrations
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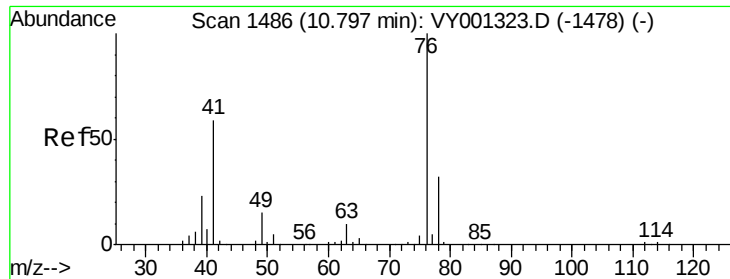
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#56
 Ethyl methacrylate
 Concen: 49.362 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.1	81.1
39	33.6	26.8	40.2





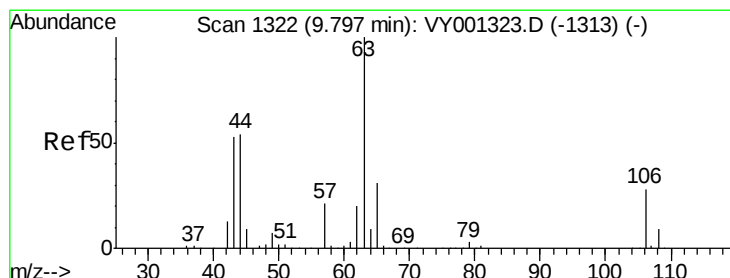
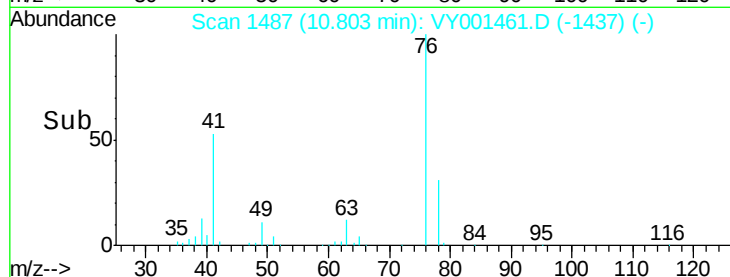
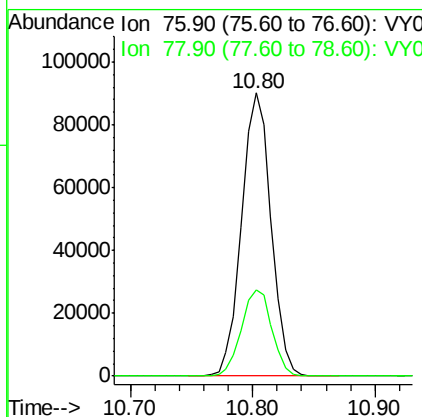
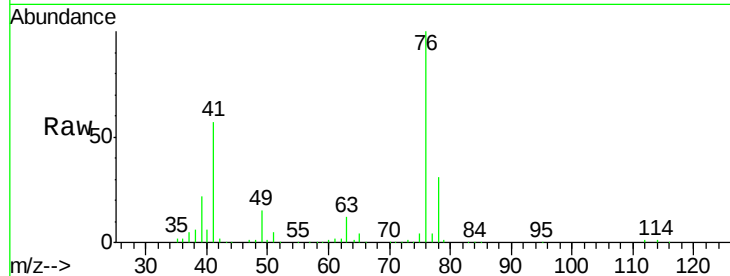
#57
 1,3-Dichloropropane
 Concen: 49.297 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.8

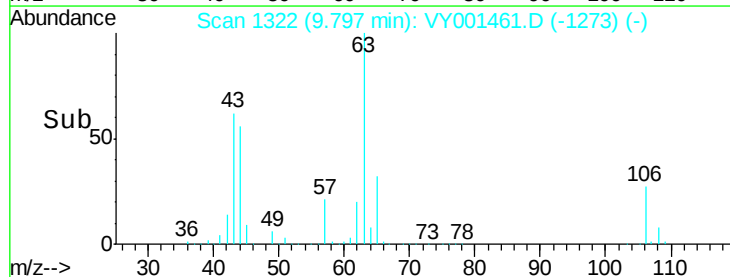
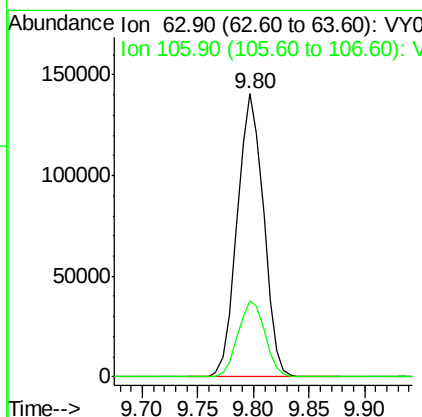
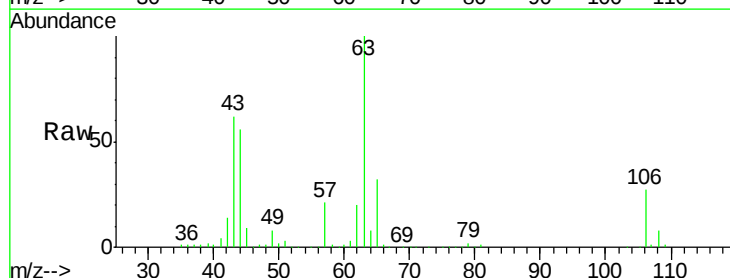
Manual Integrations
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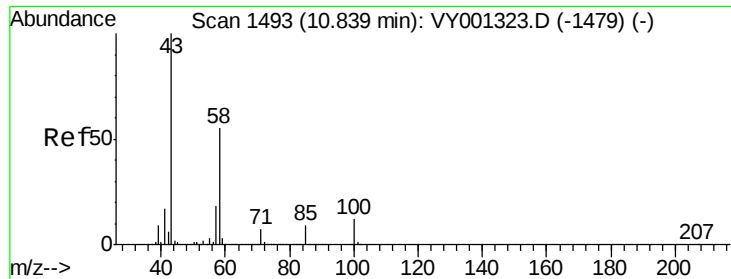
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 251.720 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.5	33.7





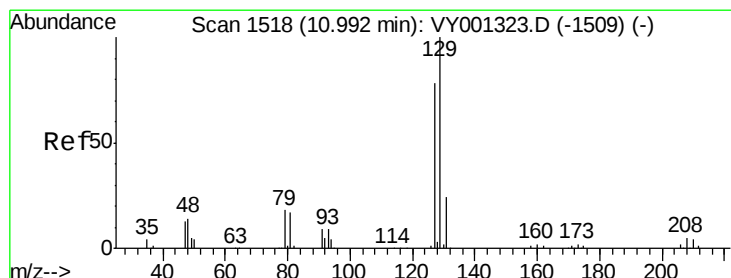
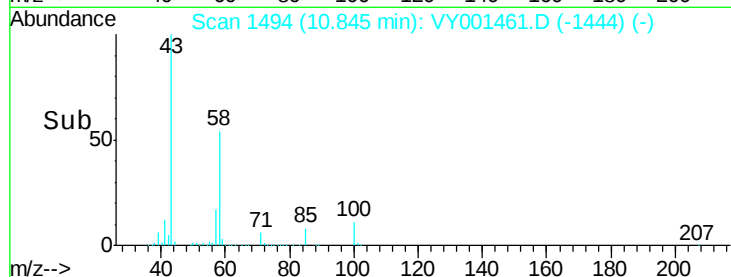
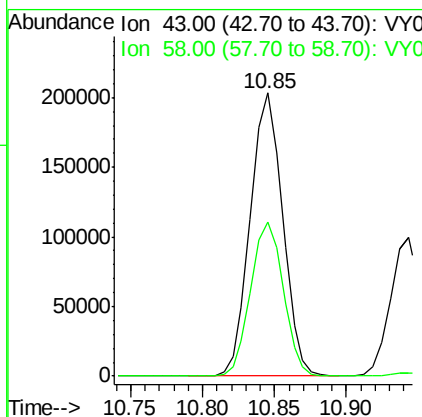
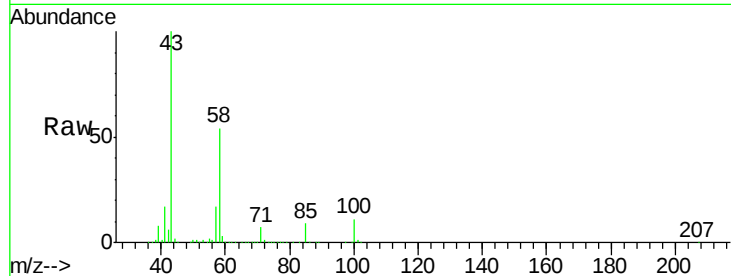
#59
2-Hexanone
Concen: 255.395 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 317064
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.8

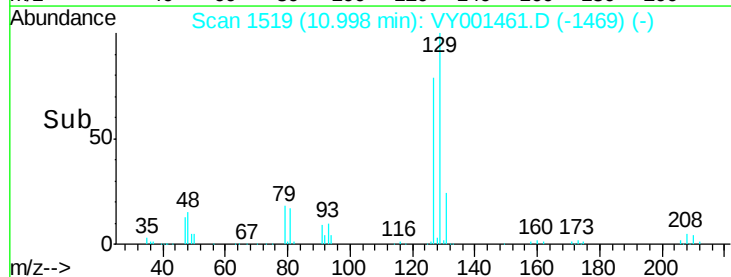
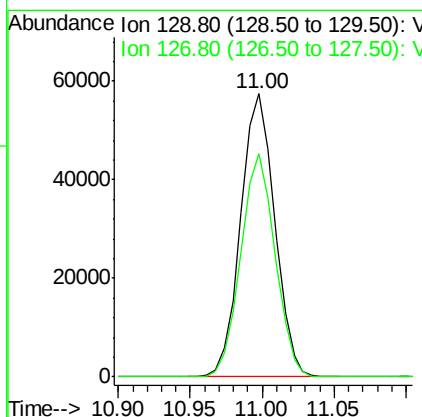
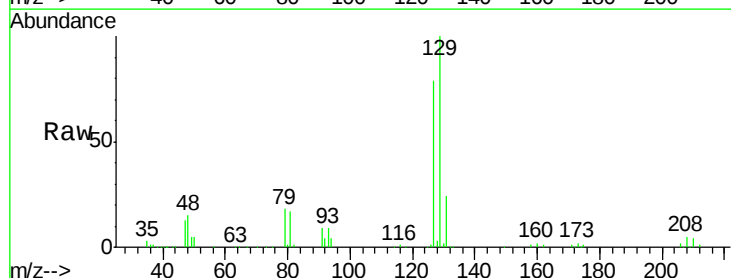
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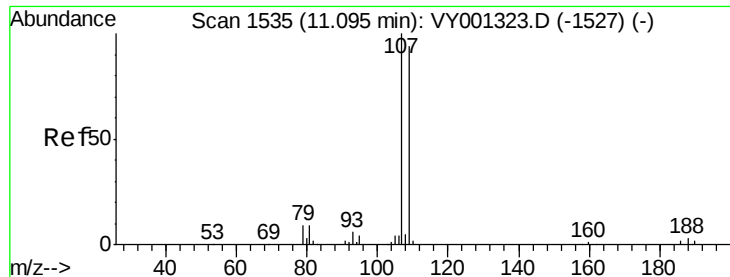
MMDadoda
2/3/2020 10:52:58 AM



#60
Dibromochloromethane
Concen: 48.114 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion: 129 Resp: 94208
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4





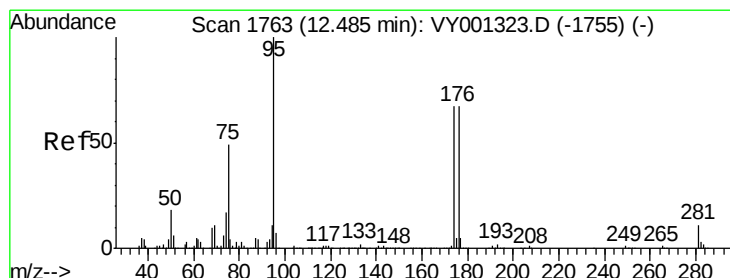
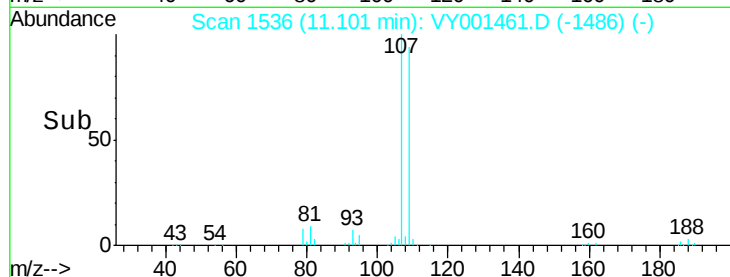
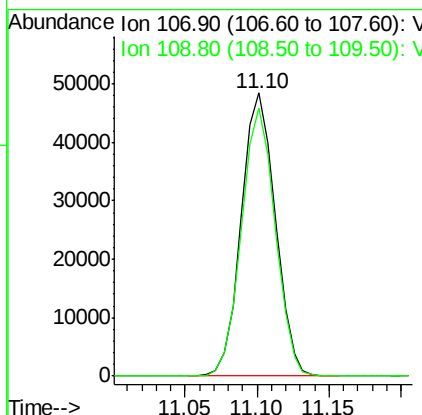
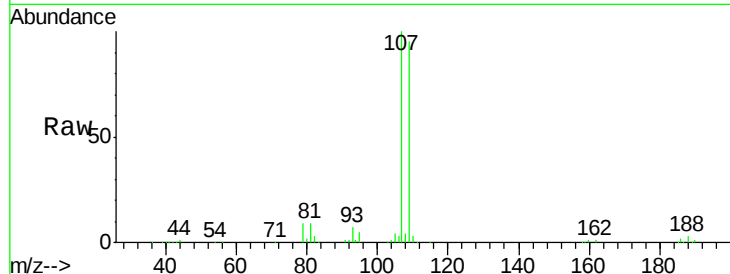
#61
 1,2-Dibromoethane
 Concen: 47.951 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.0	112.6

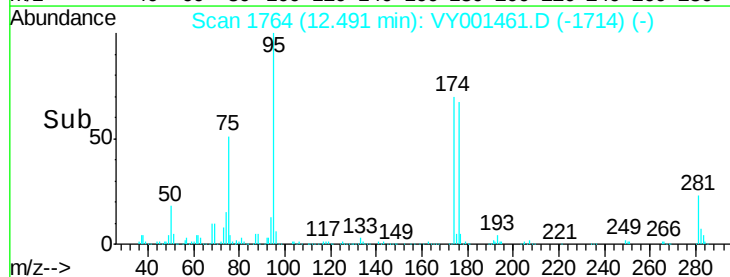
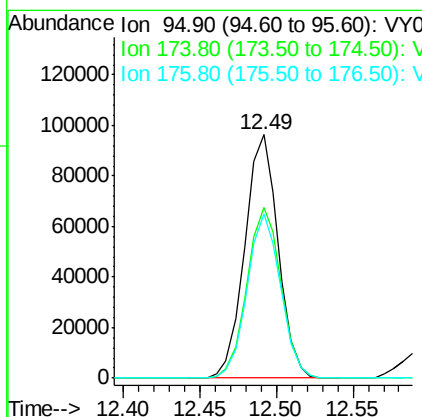
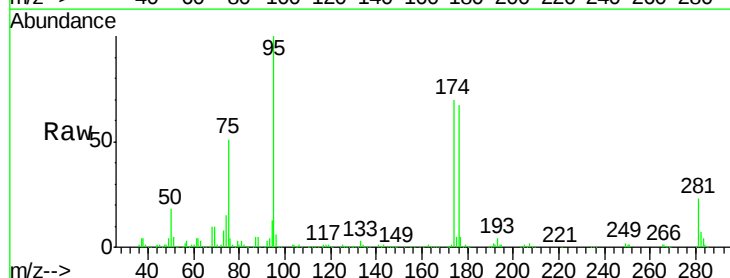
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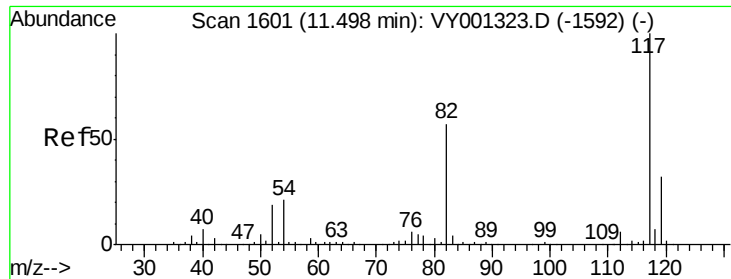
MMDadoda
 2/3/2020 10:52:58 AM



#62
 4-Bromofluorobenzene
 Concen: 51.930 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	142.0
176	67.8	0.0	138.6





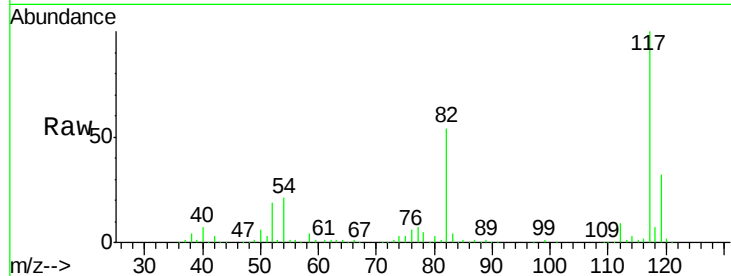
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.5	68.3
119	31.6	25.8	38.6

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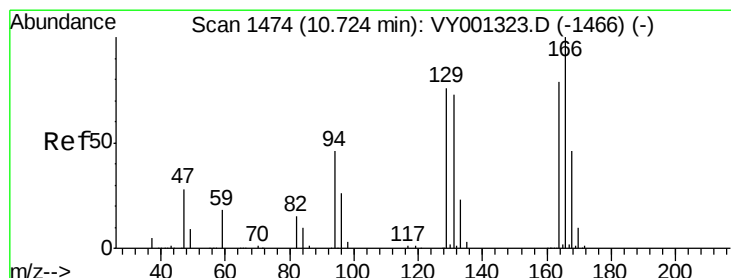
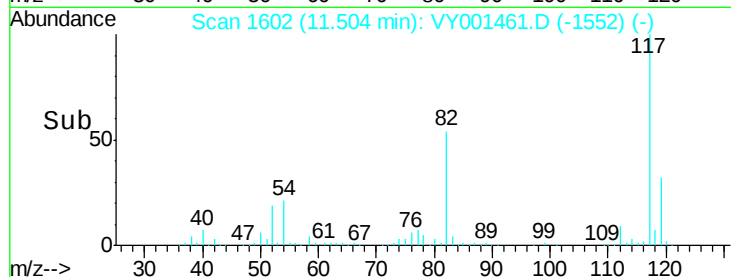
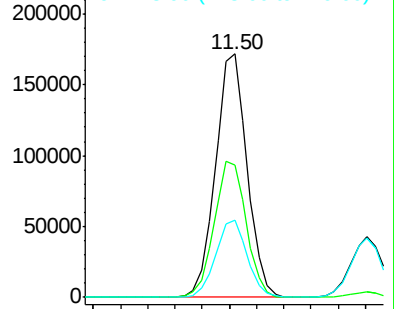


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.711 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	101.8	152.8
129	94.2	77.1	115.7
131	92.5	74.2	111.2

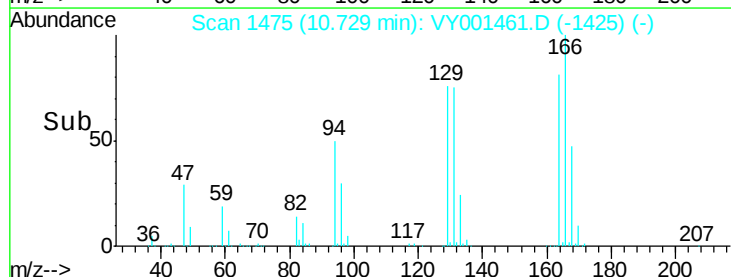
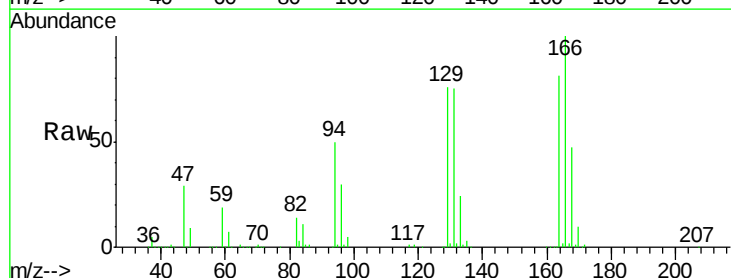
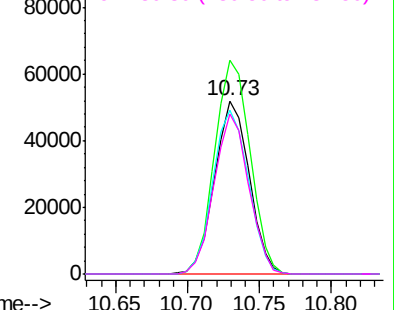
Abundance

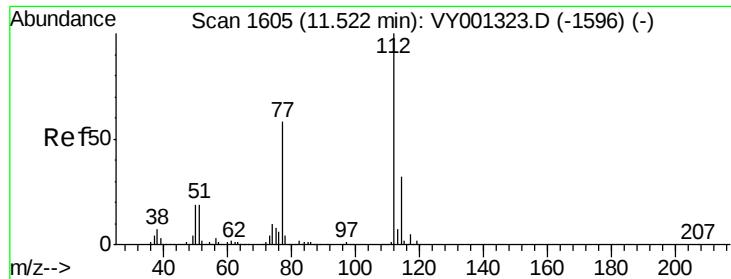
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





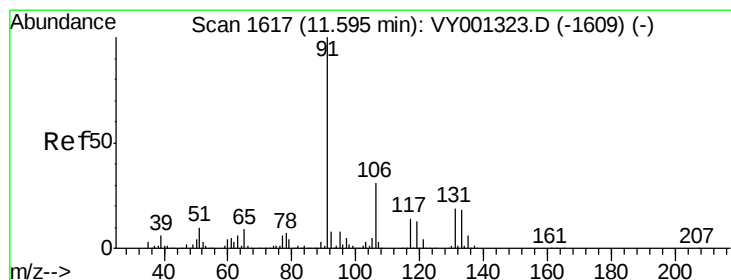
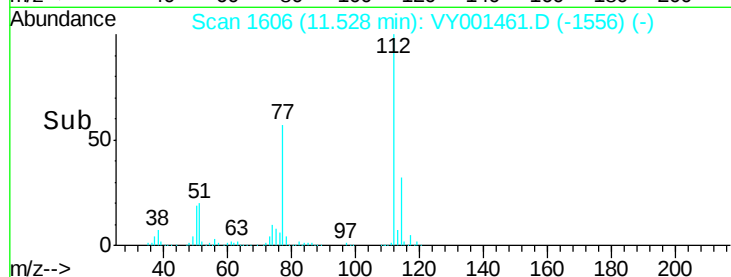
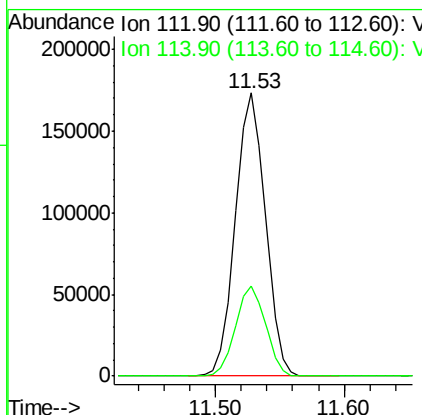
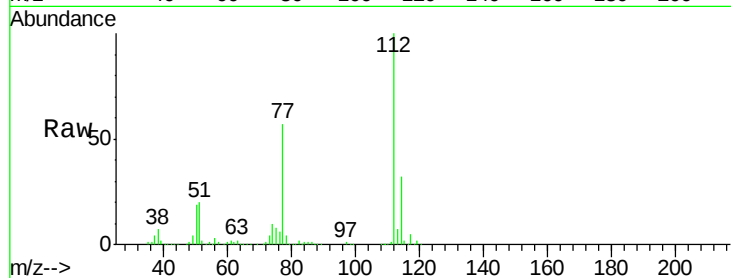
#65
Chlorobenzene
Concen: 47.847 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 280094
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

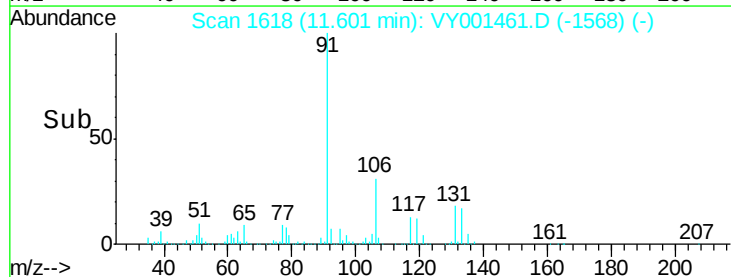
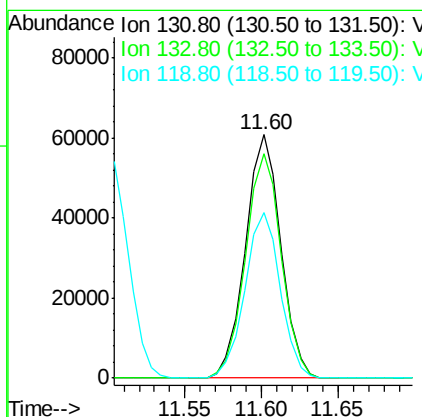
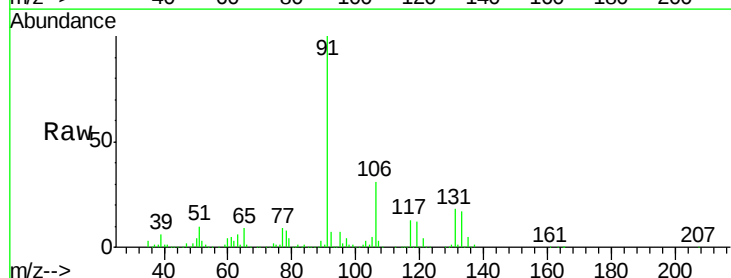
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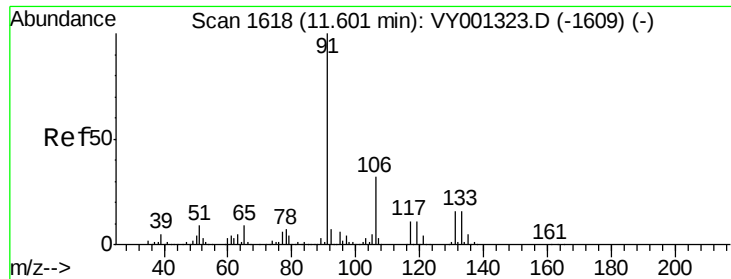
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.893 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion:131 Resp: 97675
Ion Ratio Lower Upper
131 100
133 93.1 47.1 141.3
119 68.3 34.1 102.2





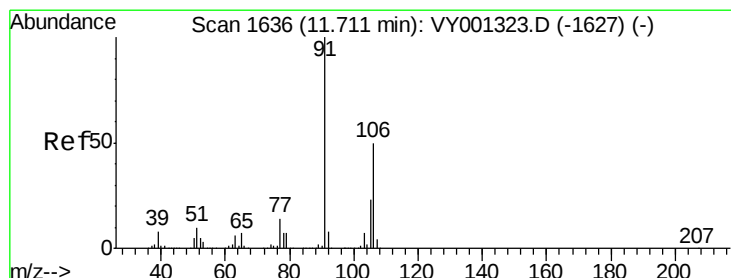
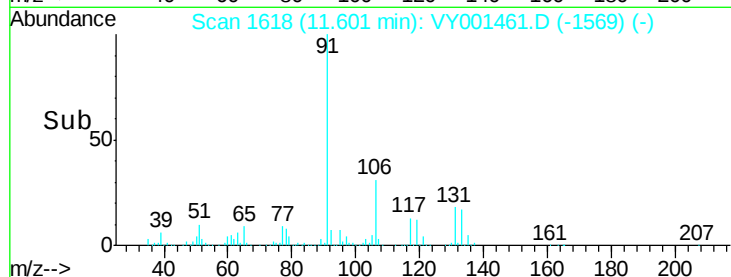
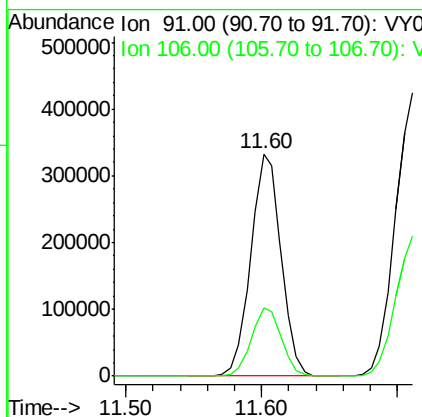
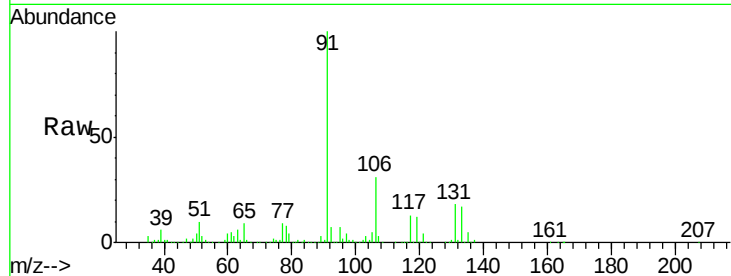
#67
Ethyl Benzene
Concen: 48.067 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 518547
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

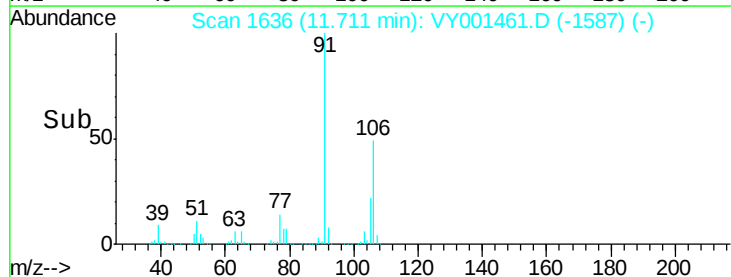
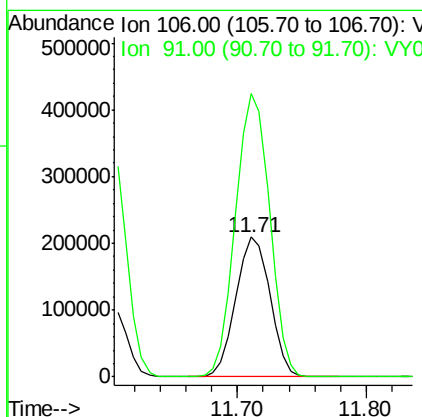
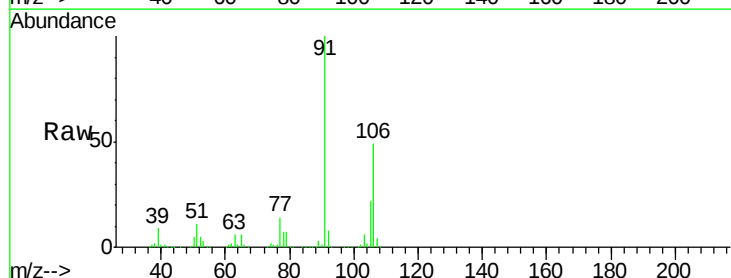
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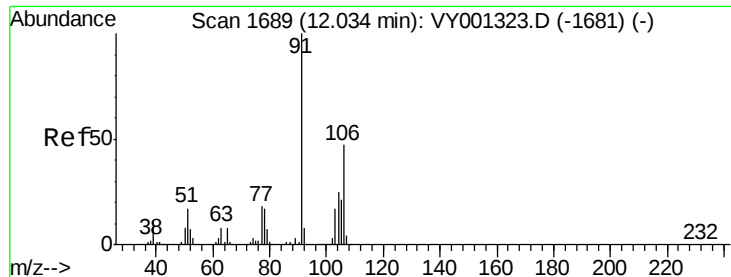
MMDadoda
2/3/2020 10:52:58 AM



#68
m/p-Xylenes
Concen: 95.765 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion: 106 Resp: 385860
Ion Ratio Lower Upper
106 100
91 202.1 162.8 244.2





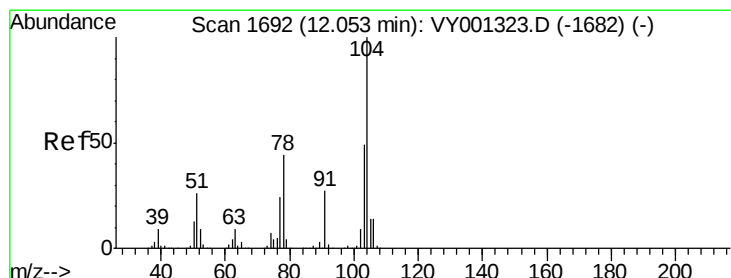
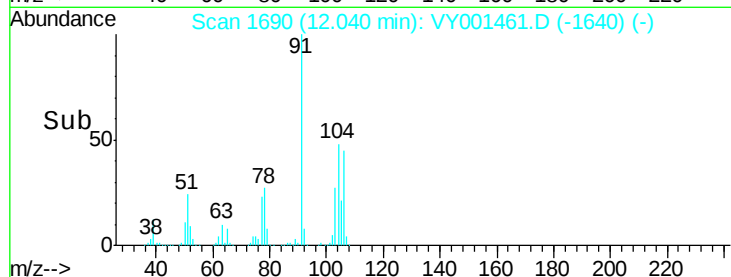
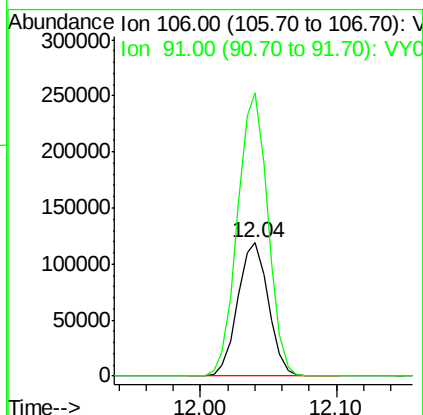
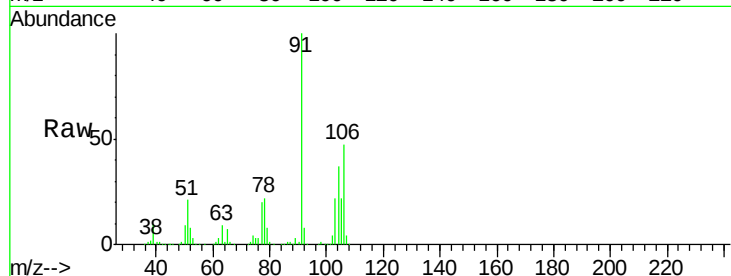
#69
o-Xylene
Concen: 48.163 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		186687		
91	210.4	106.3	319.0		

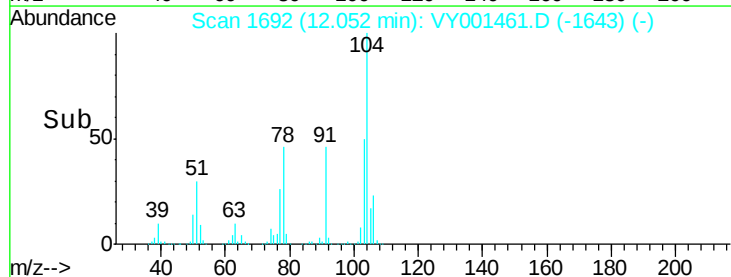
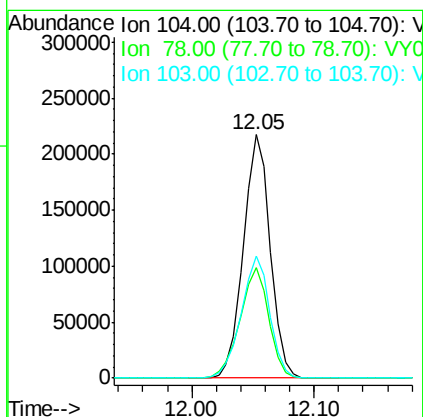
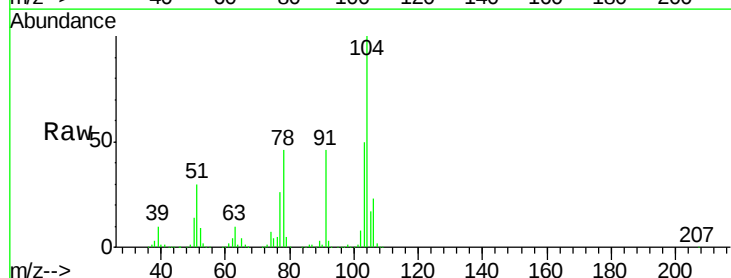
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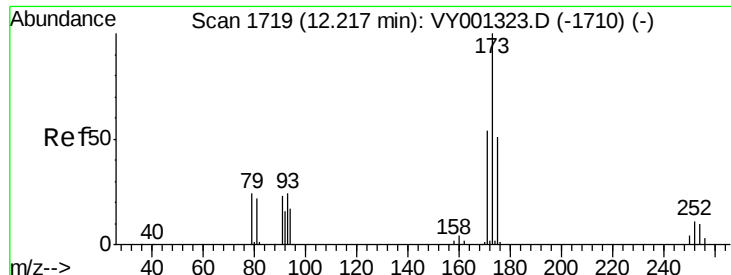
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#70
Styrene
Concen: 48.466 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		329607		
78	48.8	39.8	59.8		
103	53.5	43.2	64.8		





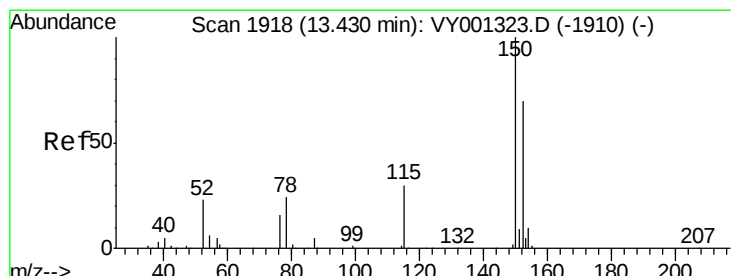
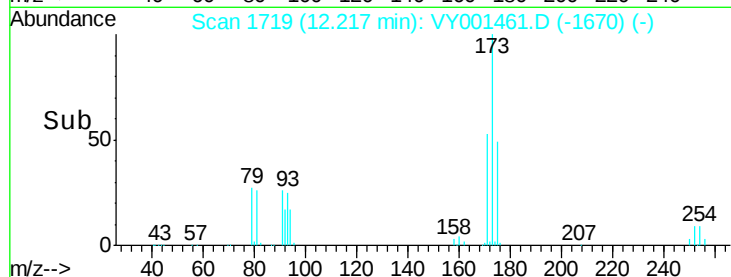
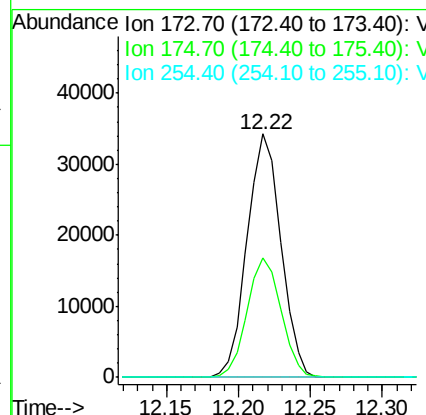
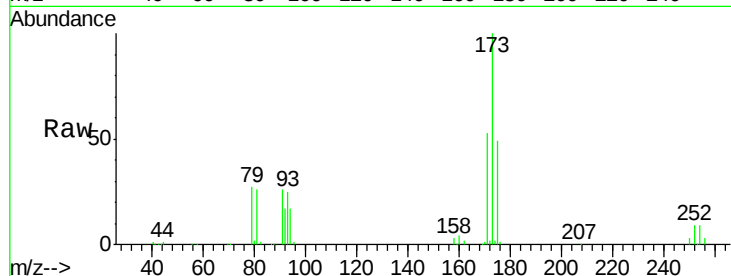
#71
Bromoform
Concen: 46.681 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.9
254	0.0	0.0	0.0

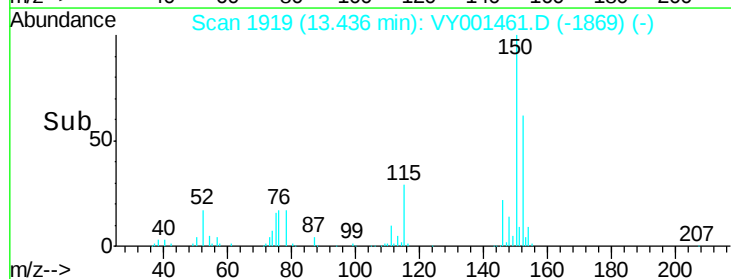
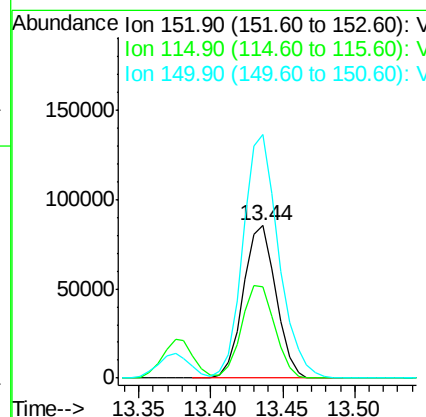
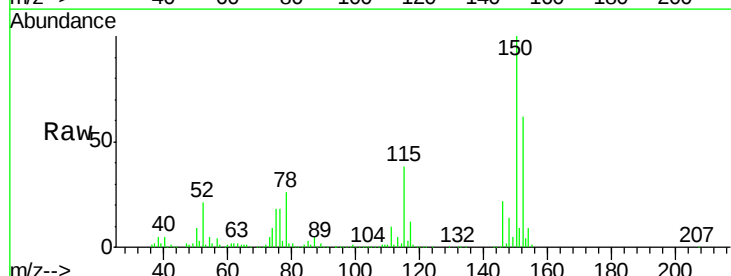
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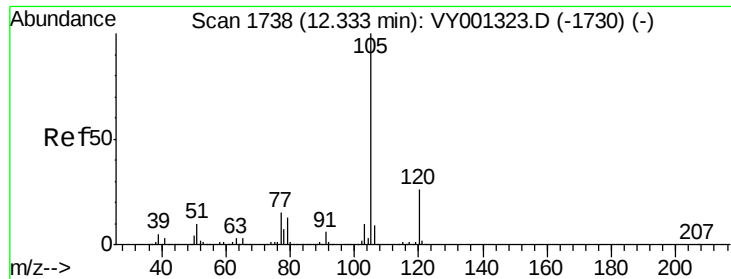
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.9	92.8
150	173.6	0.0	349.2





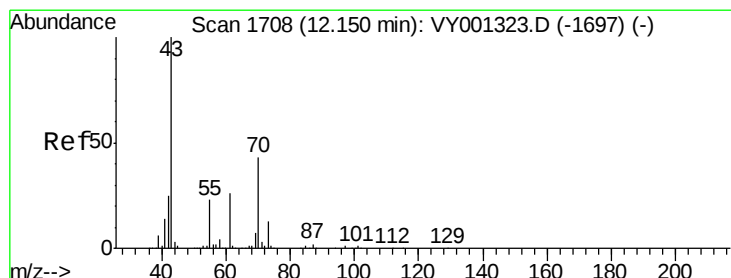
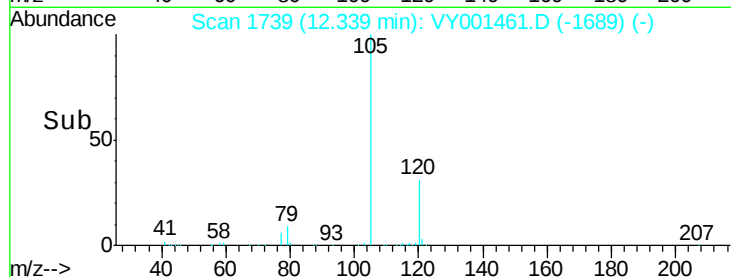
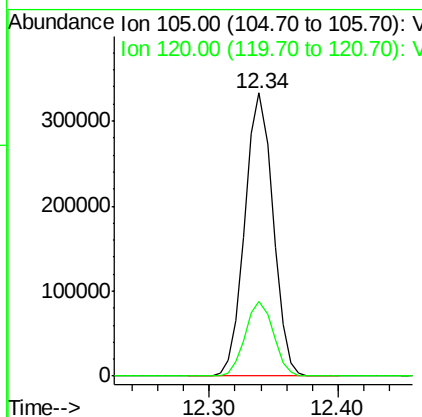
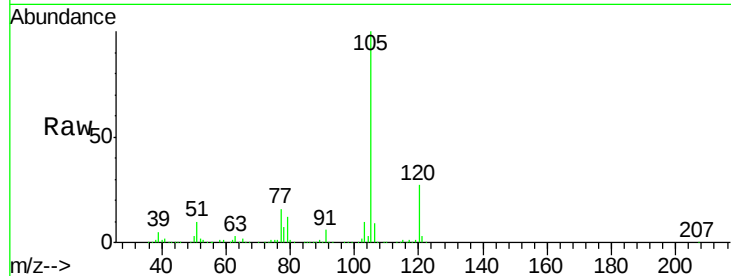
#73
Isopropylbenzene
Concen: 47.505 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	502651		
120	26.5	13.5	40.4	

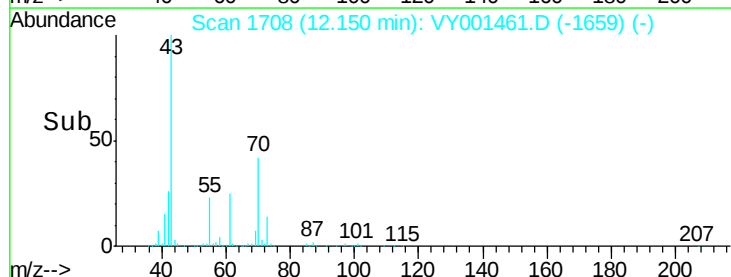
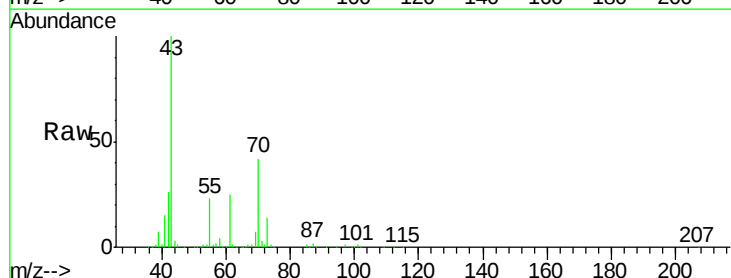
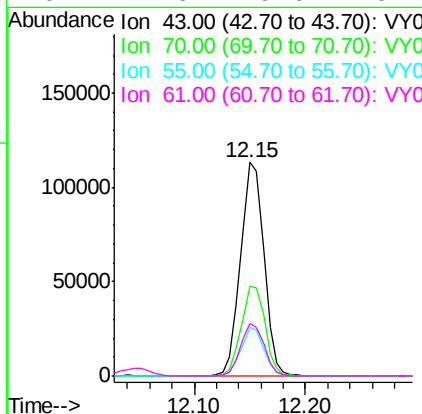
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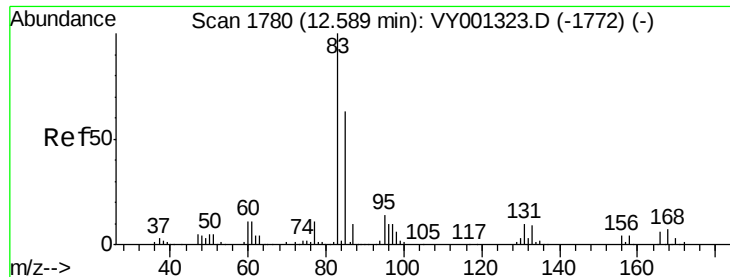
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#74
N-ethyl acetate
Concen: 47.845 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	165714		
70	42.8	33.5	50.3	
55	22.4	18.2	27.2	
61	24.6	19.6	29.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 47.463 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

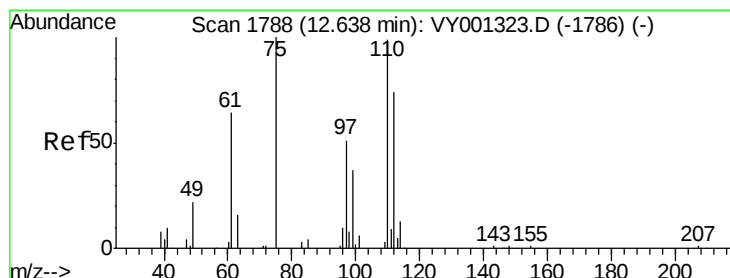
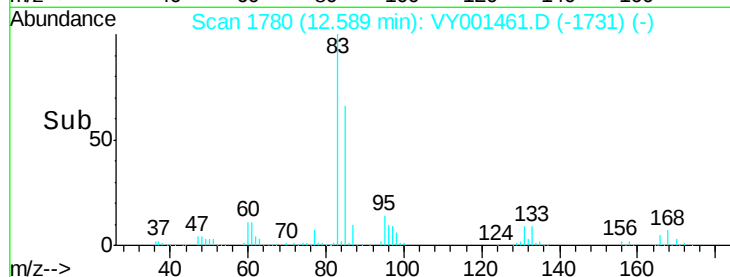
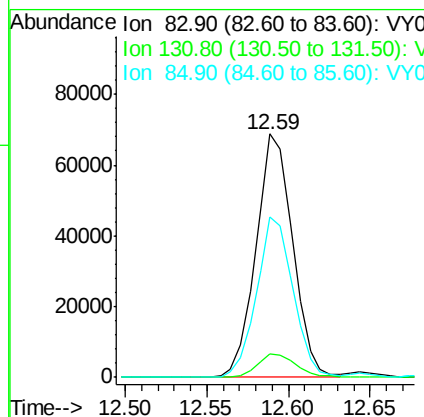
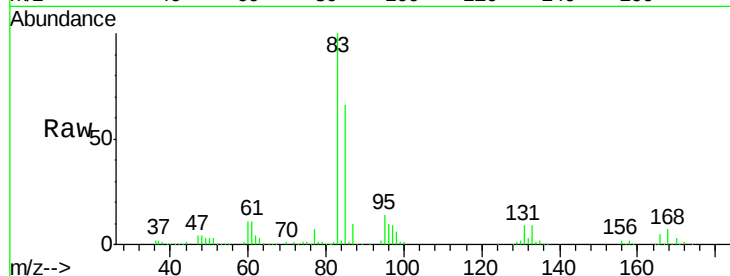
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	107555
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.6
85	65.4	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.602 ug/l m

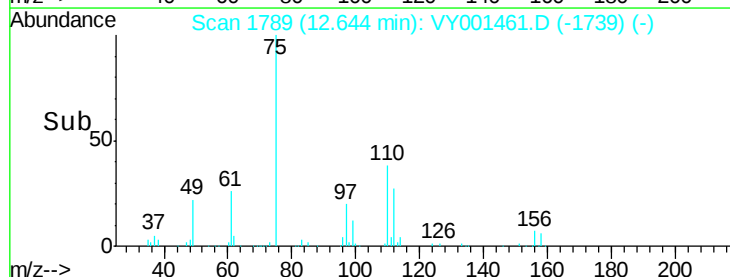
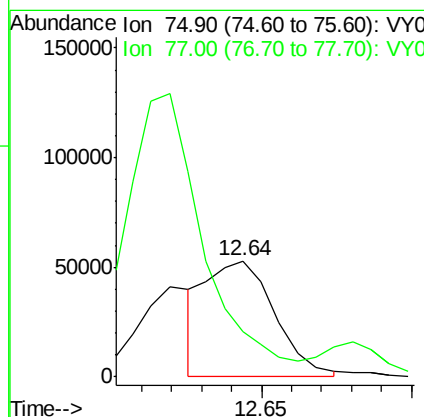
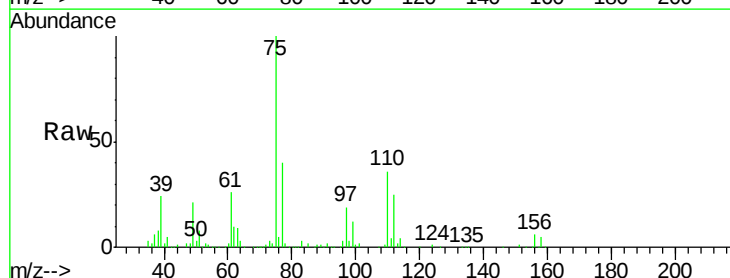
RT: 12.64 min Scan# 1789

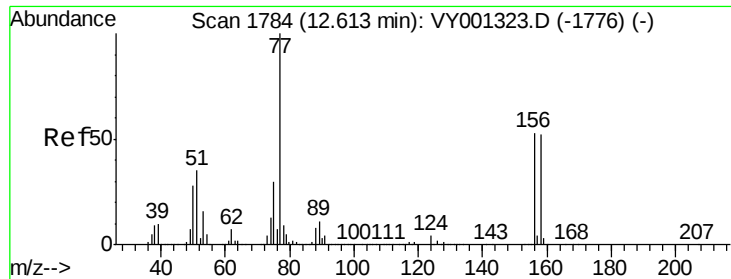
Delta R.T. 0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion:	75	Resp:	84997
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.585 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

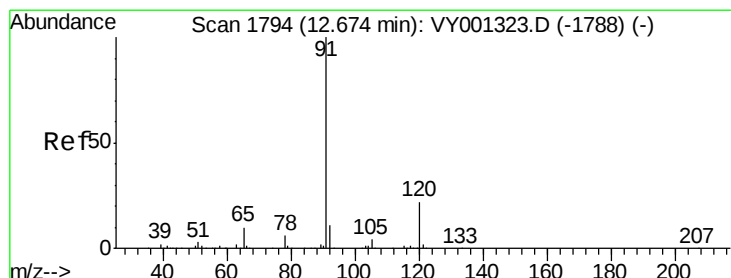
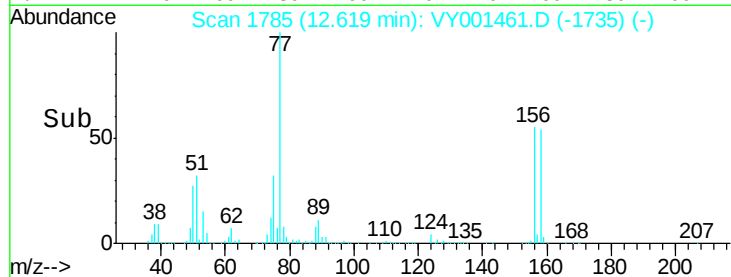
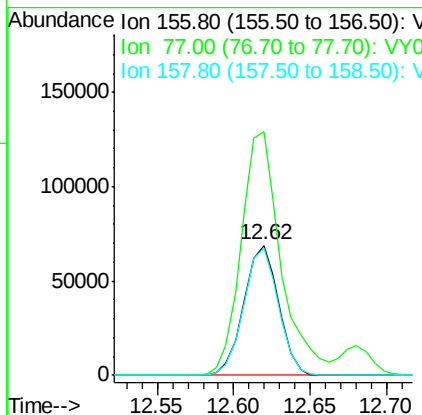
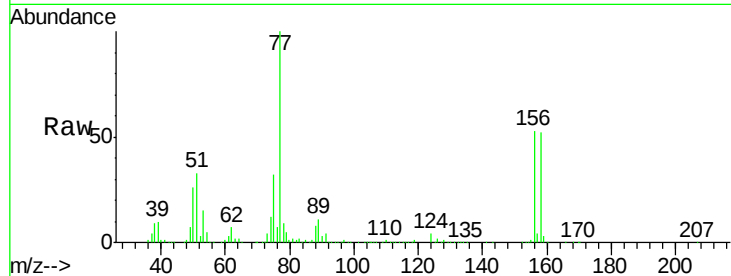
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	214.0	104.7	313.9
158	97.5	48.6	145.8

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#78

n-propylbenzene

Concen: 48.217 ug/l

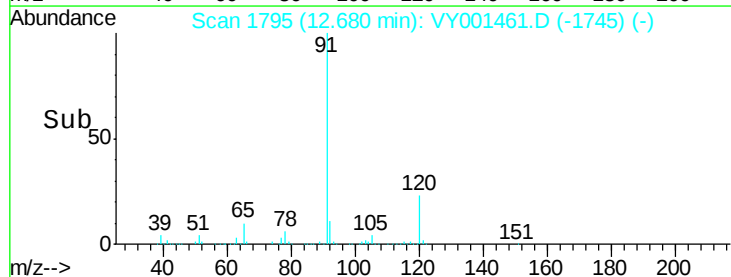
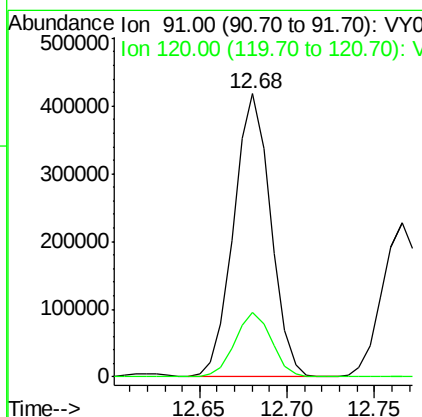
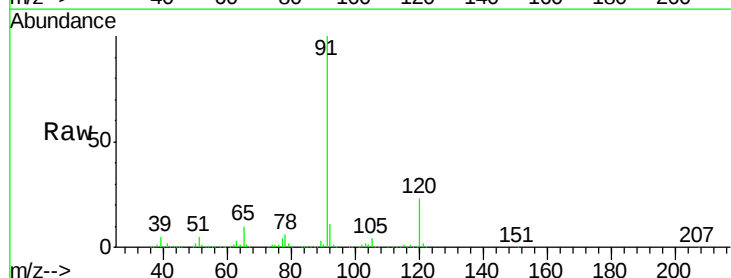
RT: 12.68 min Scan# 1795

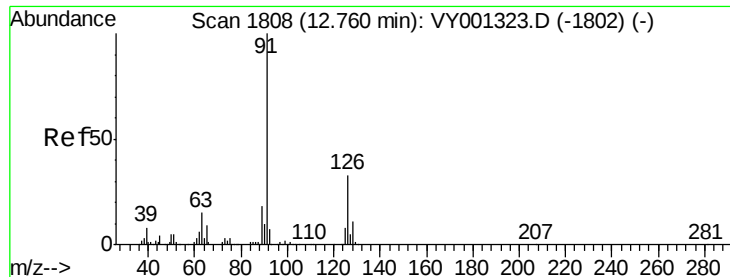
Delta R.T. 0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 47.671 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 346846

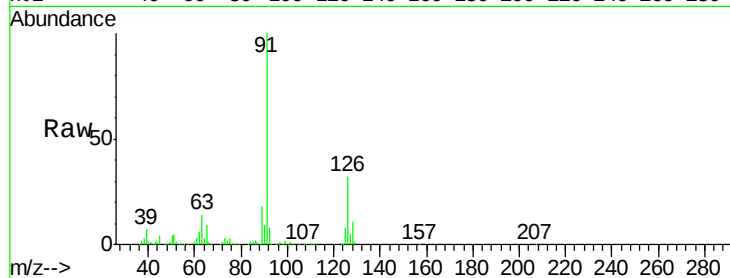
Ion Ratio Lower Upper

91 100

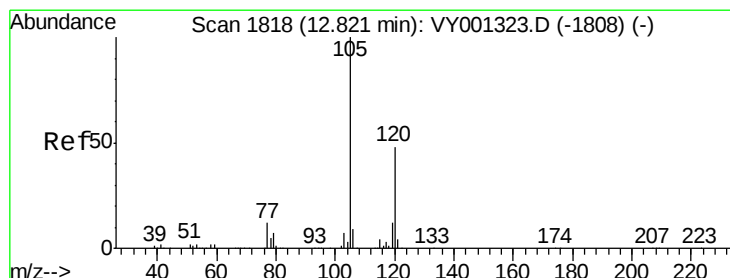
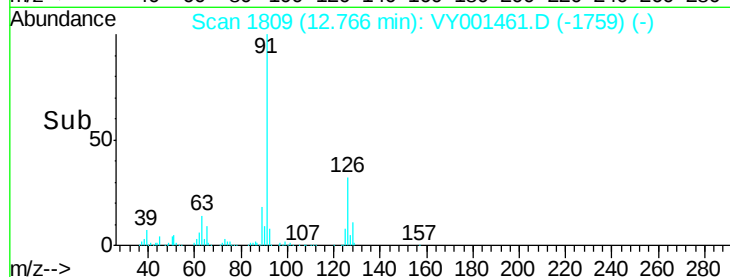
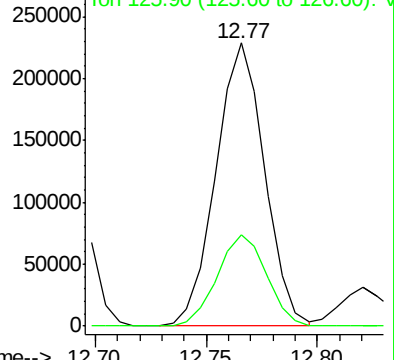
126 32.9 16.6 49.7

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Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.617 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001461.D

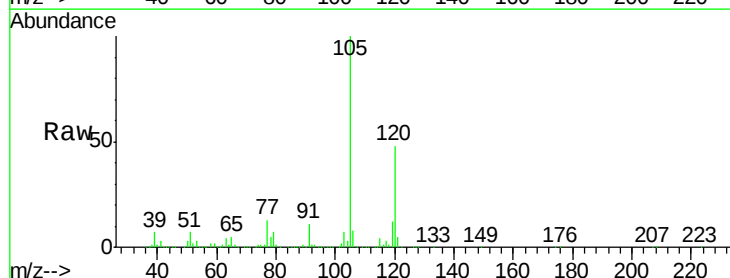
Acq: 31 Jan 2020 17:25

Tgt Ion: 105 Resp: 420572

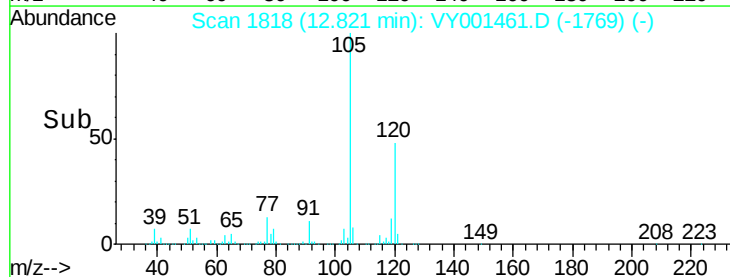
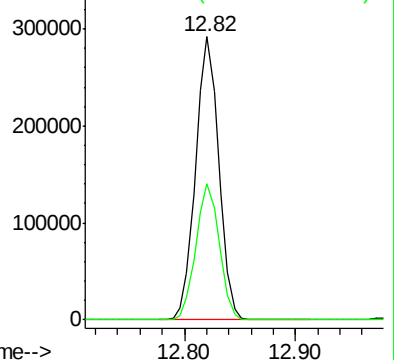
Ion Ratio Lower Upper

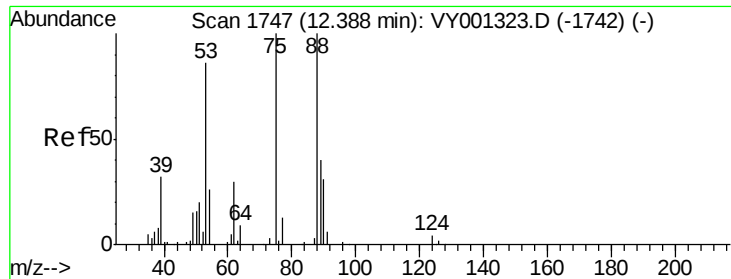
105 100

120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.064 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

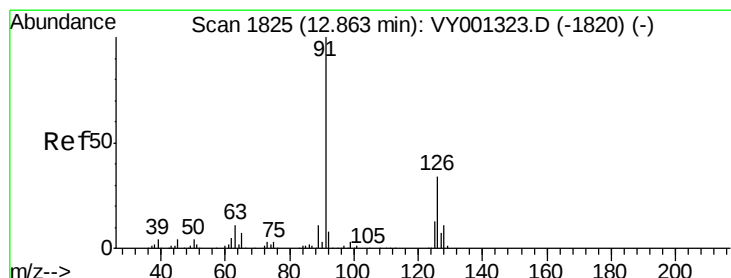
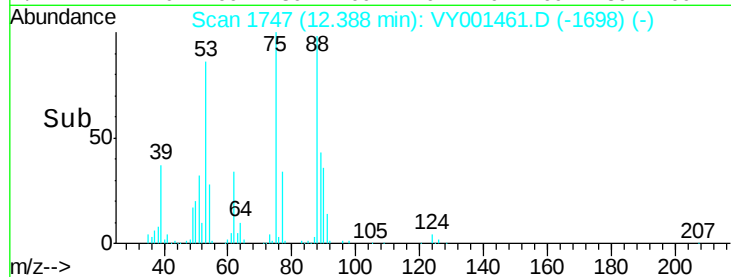
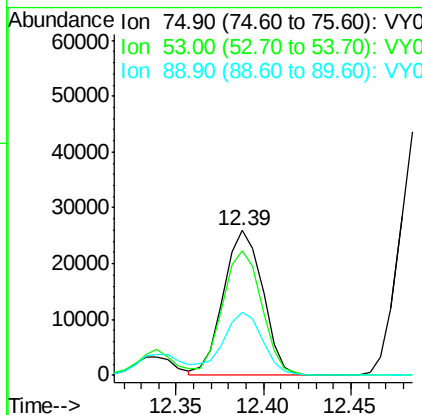
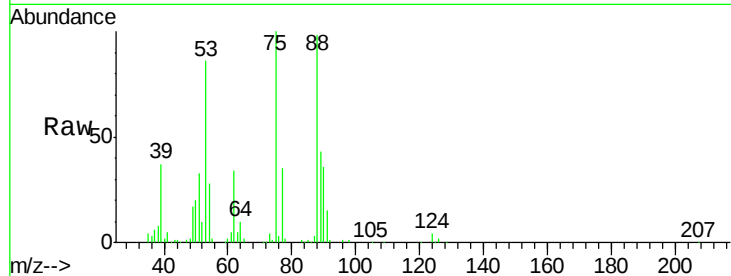
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	40186
Ion	Ratio	Lower	Upper
75	100		
53	86.5	69.9	104.9
89	45.5	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.341 ug/l

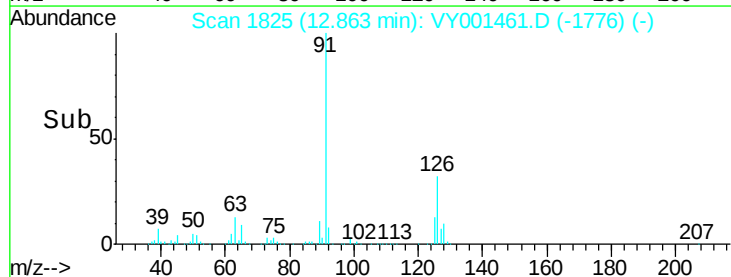
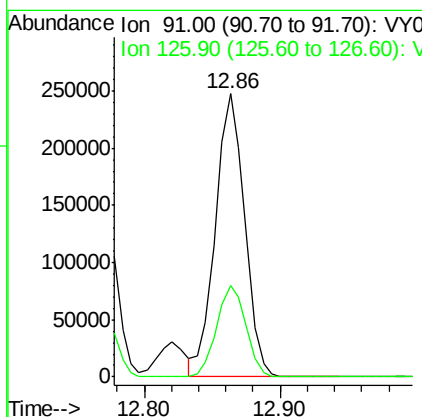
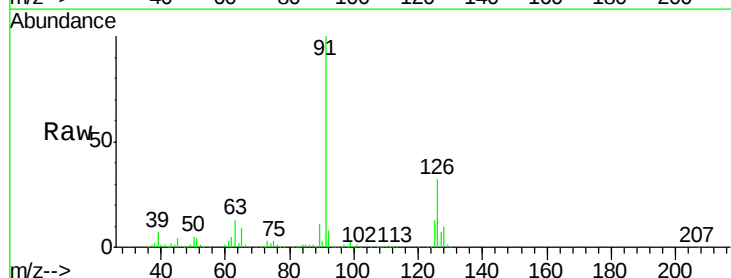
RT: 12.86 min Scan# 1825

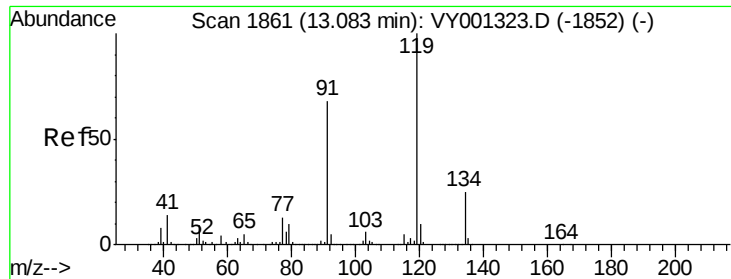
Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Tgt Ion:	91	Resp:	367926
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





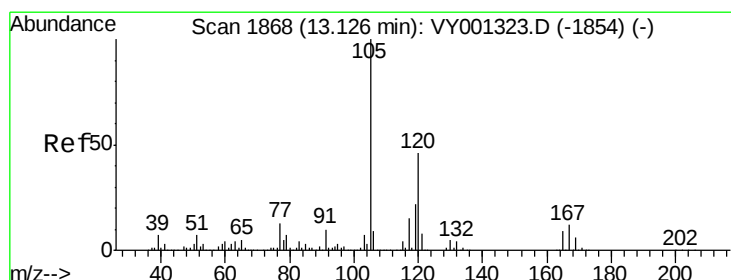
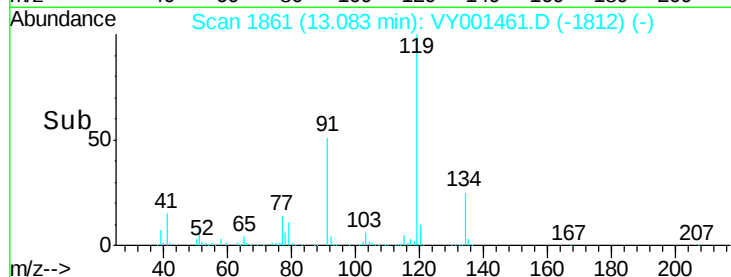
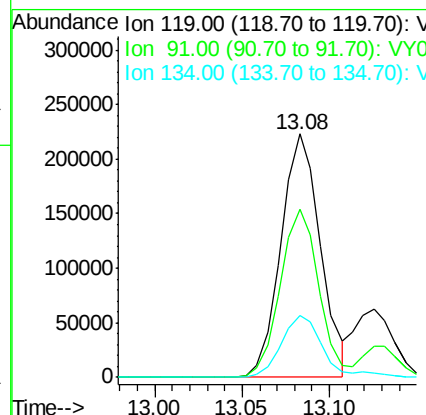
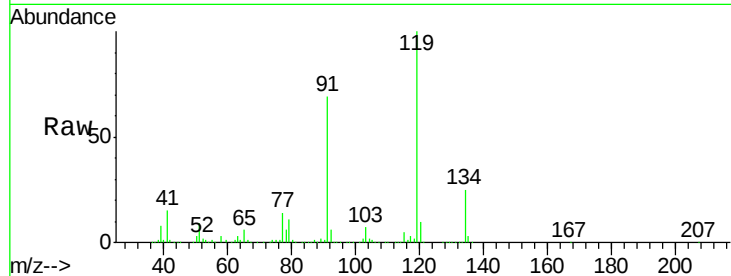
#83
tert-Butylbenzene
Concen: 47.348 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	33.0	99.0
134	26.9	13.3	39.9

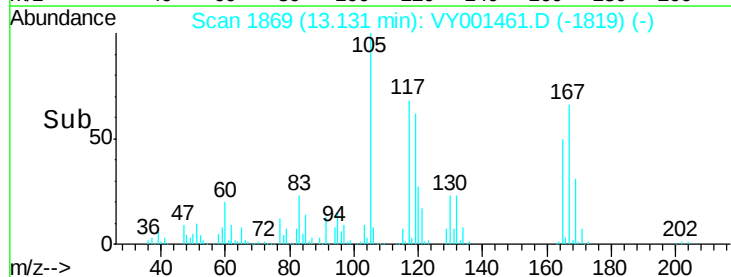
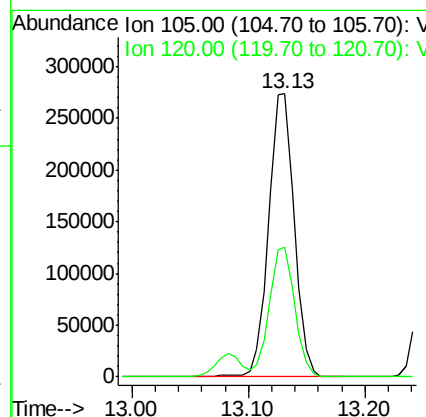
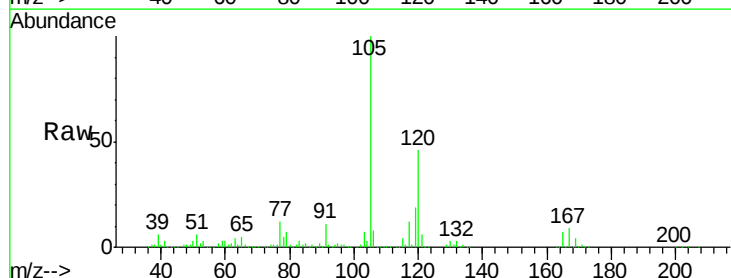
Manual Integrations
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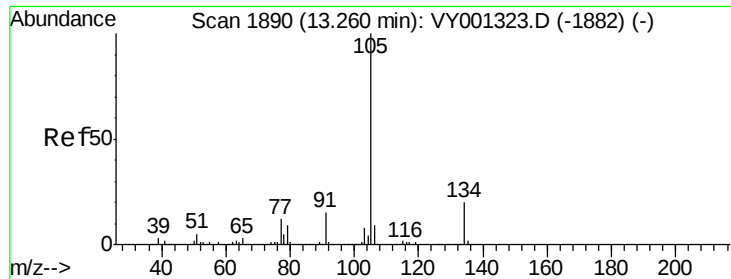
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#84
1,2,4-Trimethylbenzene
Concen: 47.401 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 49.039 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 518718

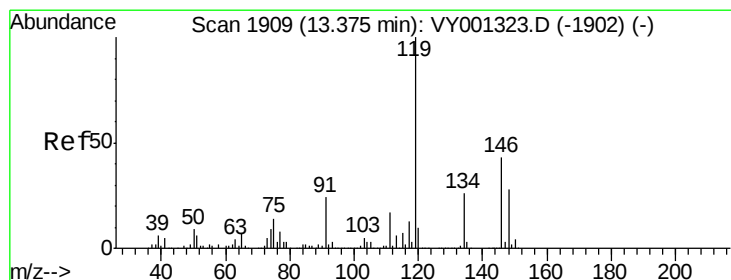
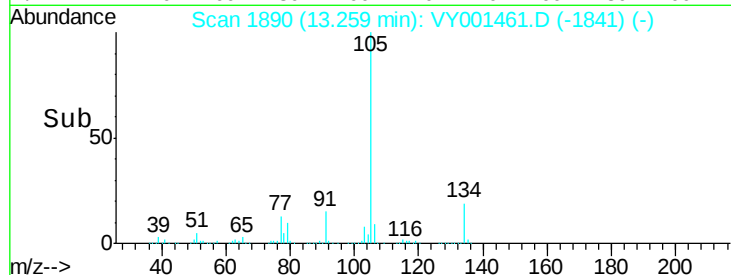
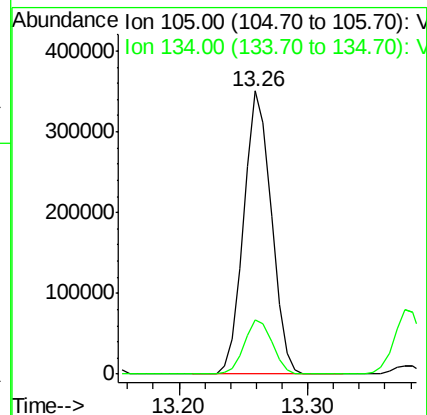
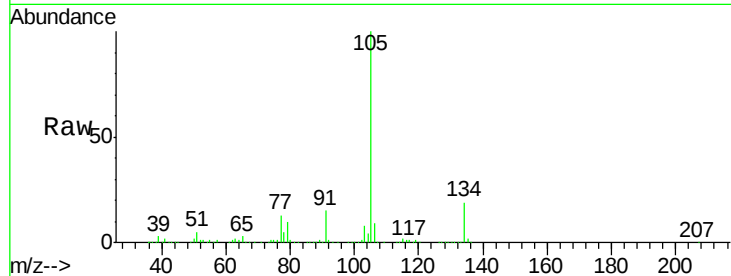
Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 48.053 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

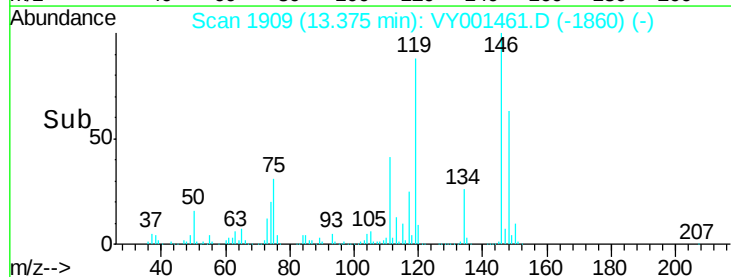
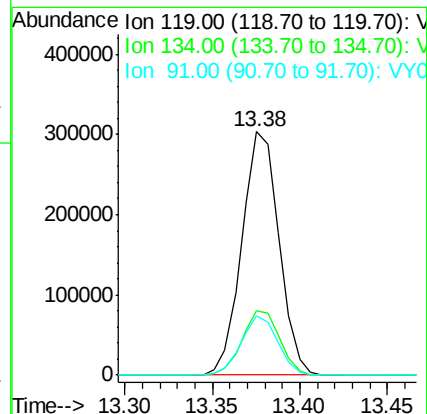
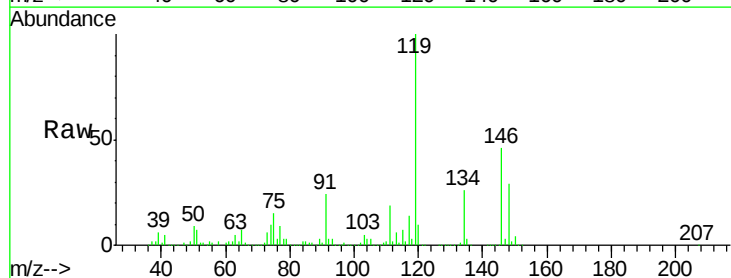
Tgt Ion:119 Resp: 447930

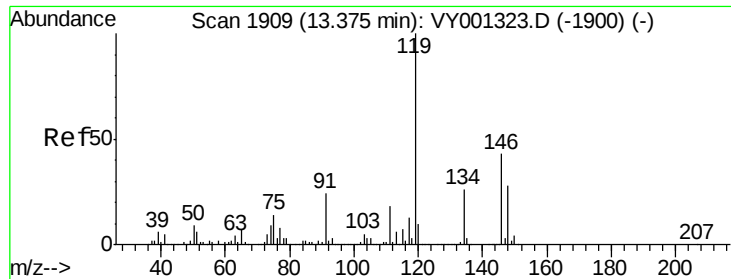
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.9 12.2 36.6





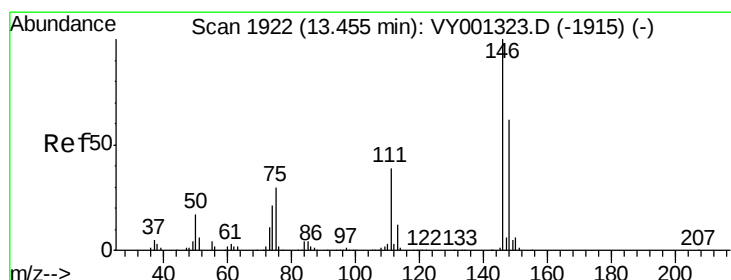
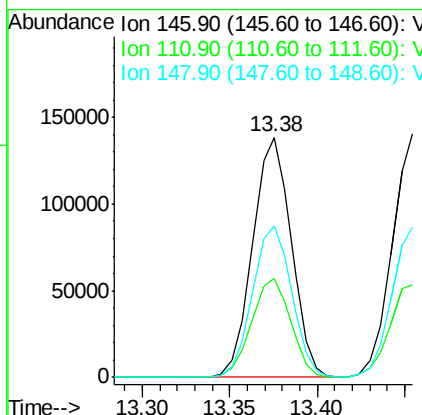
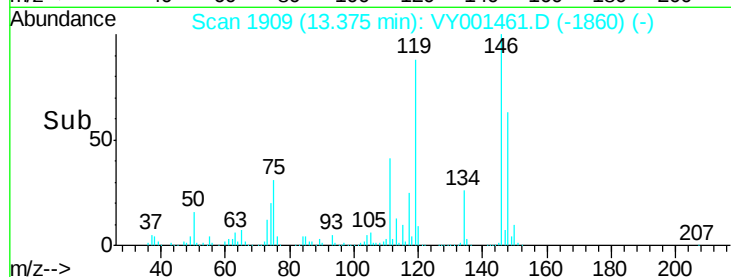
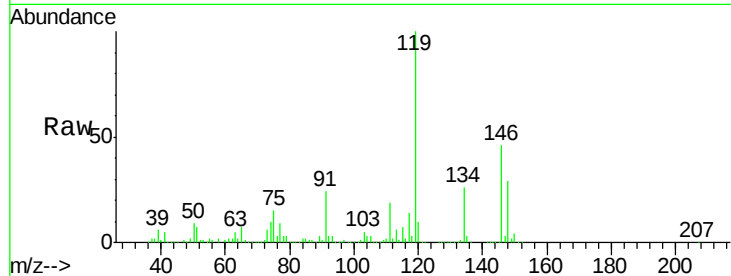
#87
 1,3-Dichlorobenzene
 Concen: 47.123 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	212695		
111	41.6	20.6	61.8	
148	63.8	31.6	95.0	

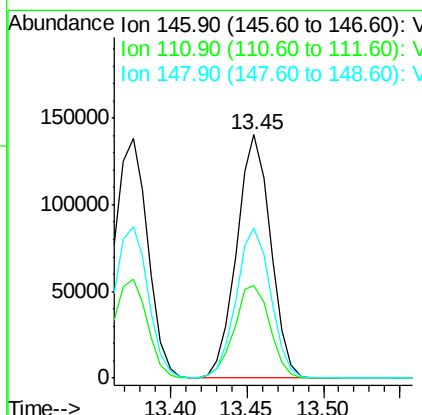
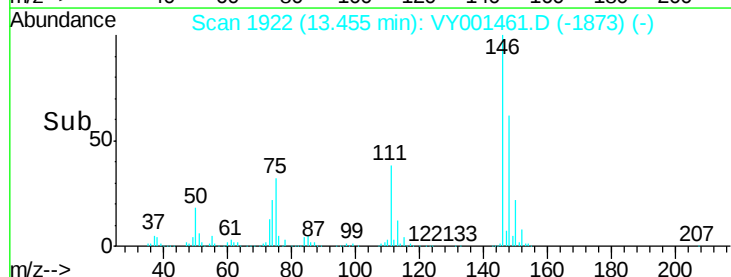
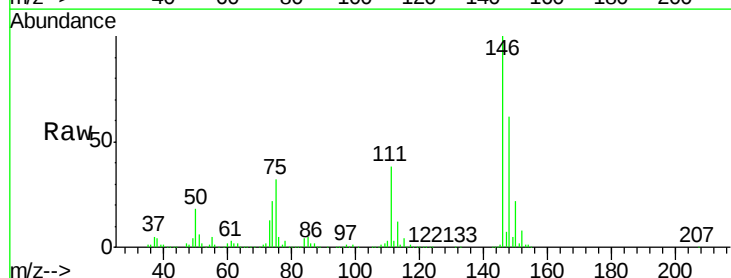
Manual Integrations
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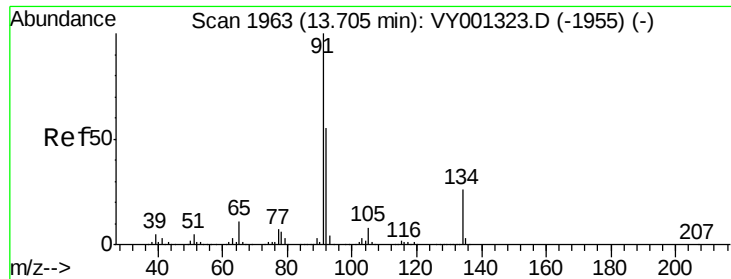
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#88
 1,4-Dichlorobenzene
 Concen: 47.149 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216080		
111	40.1	20.5	61.5	
148	62.7	31.6	95.0	





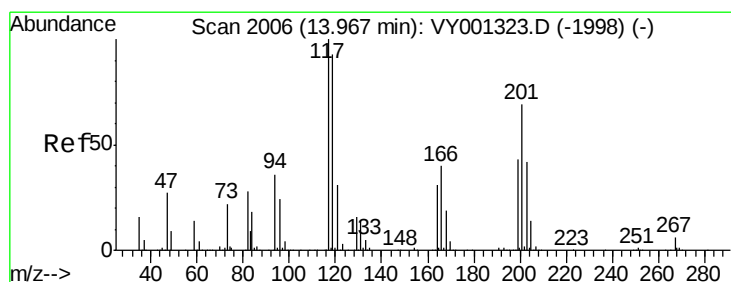
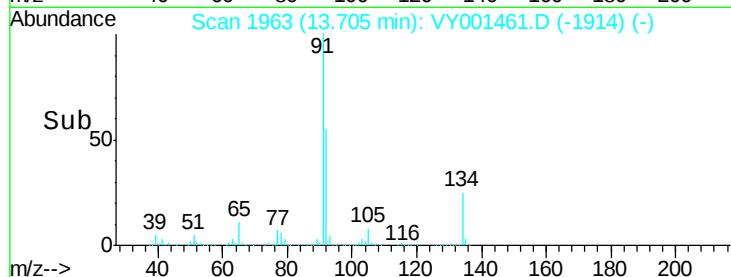
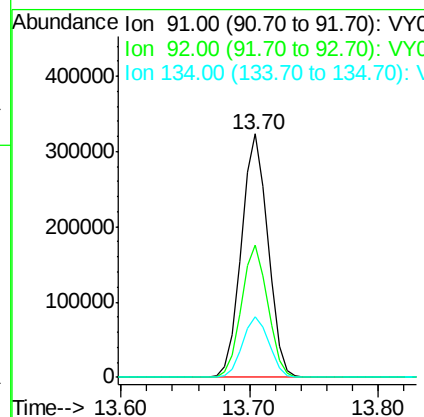
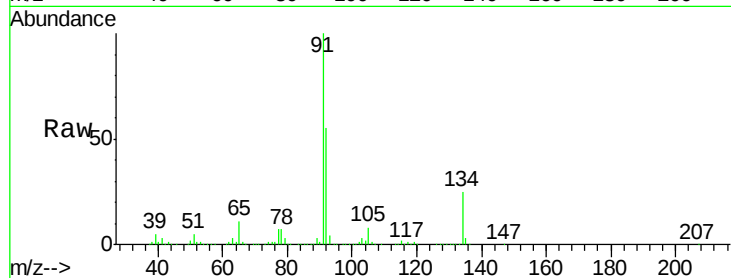
#89
n-Butylbenzene
Concen: 49.076 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.6	82.8
134	24.8	12.9	38.6

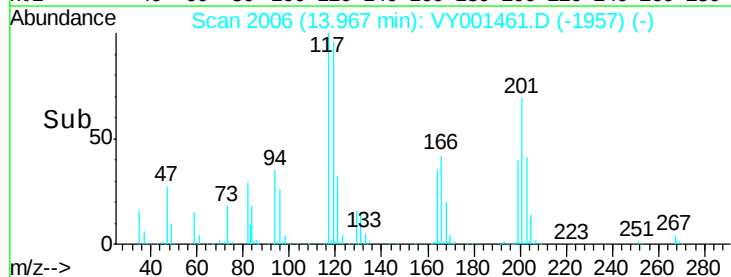
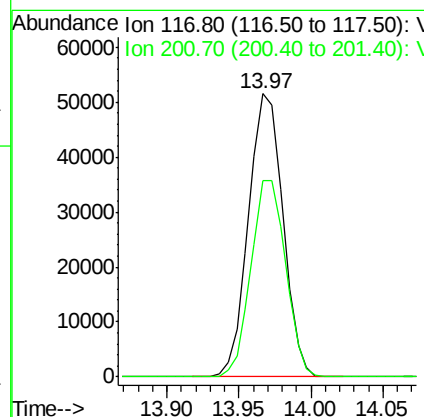
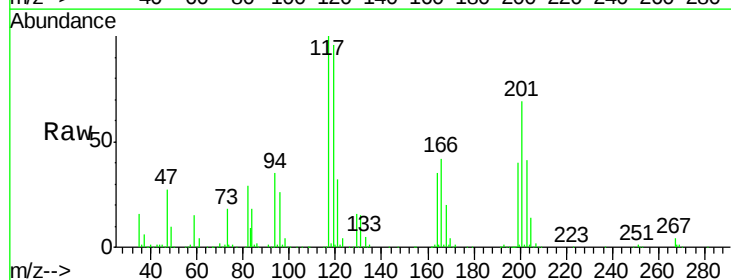
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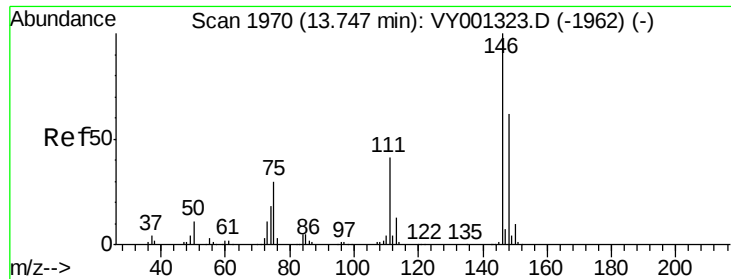
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#90
Hexachloroethane
Concen: 48.296 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.8	34.6	103.8





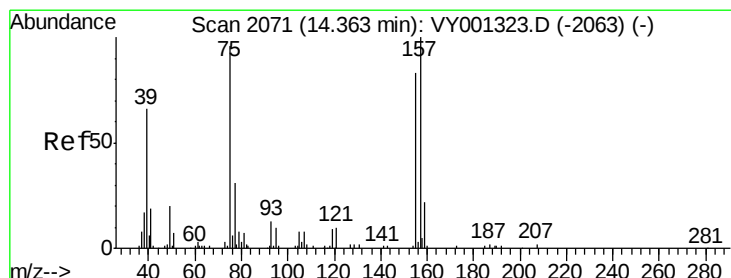
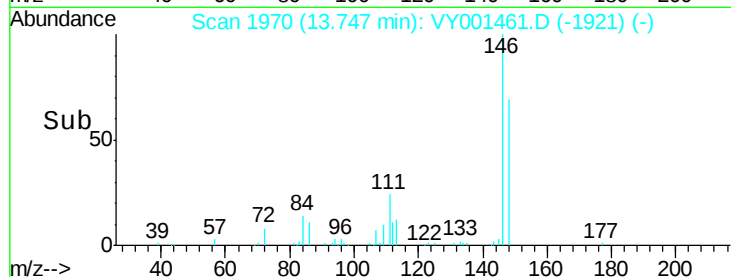
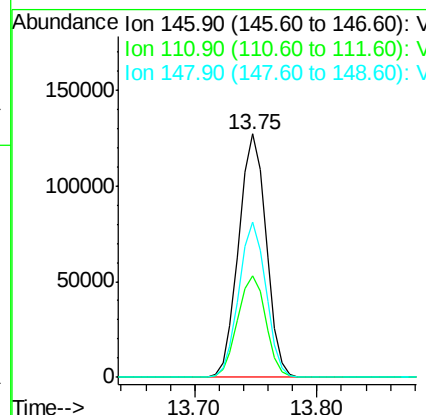
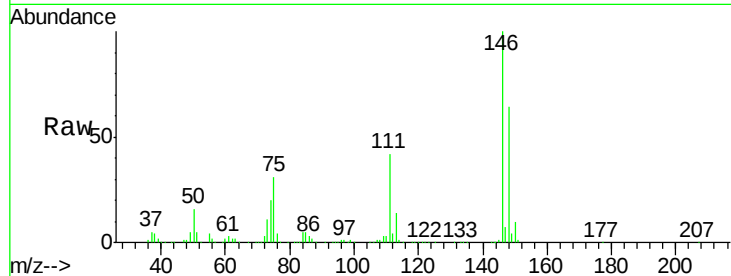
#91
 1,2-Dichlorobenzene
 Concen: 47.439 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	63.3	31.5	94.5

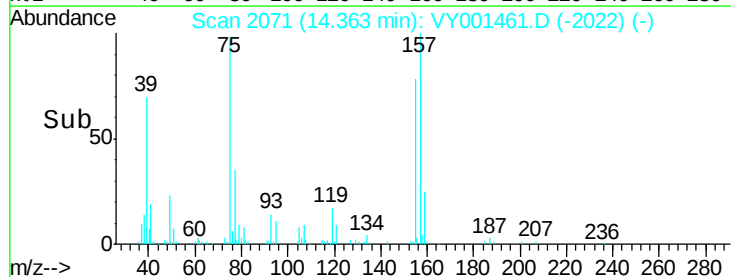
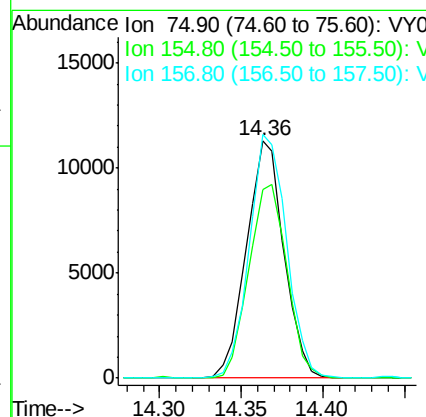
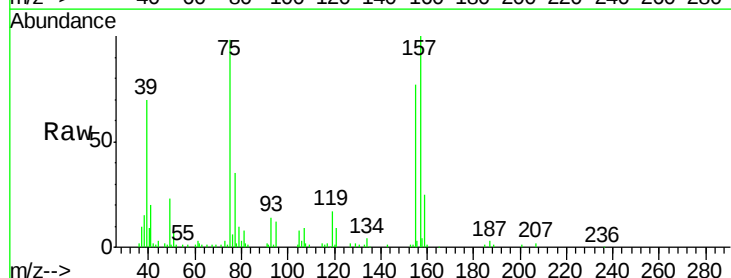
Manual Integrations
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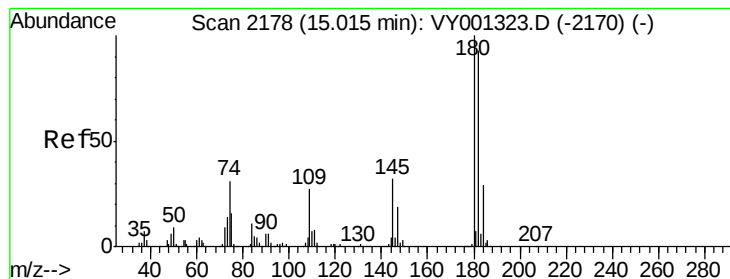
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 2/3/2020 10:52:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.208 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001461.D
 Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	43.0	129.2
157	102.4	53.3	160.0





#93

1,2,4-Trichlorobenzene

Concen: 45.952 ug/l

RT: 15.02 min Scan# 2178

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:180 Resp: 128379

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.8

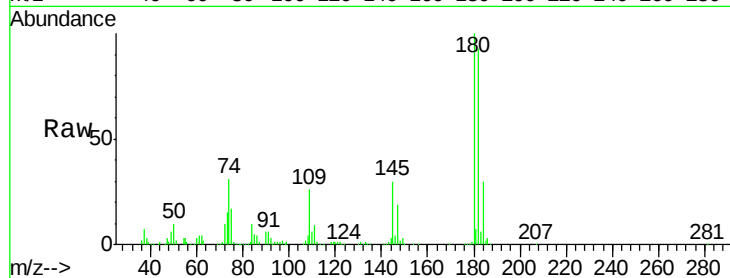
145 31.7 16.3 48.9

Manual Integrations

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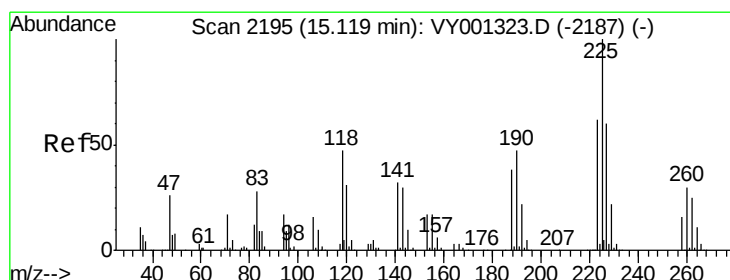
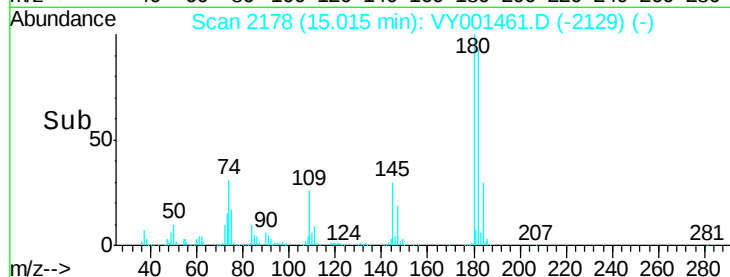
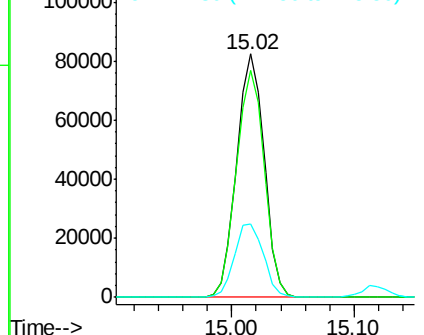
2/3/2020 10:52:58 AM



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: 46.539 ug/l

RT: 15.12 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VY001461.D

Acq: 31 Jan 2020 17:25

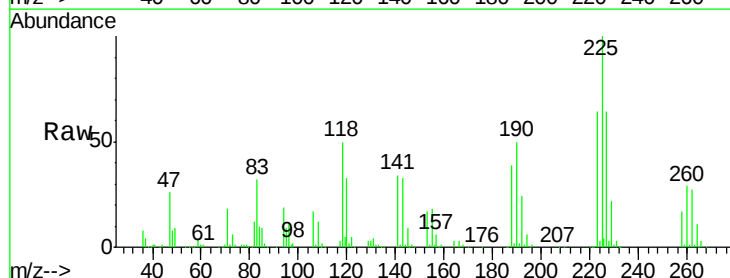
Tgt Ion:225 Resp: 63309

Ion Ratio Lower Upper

225 100

223 63.2 31.2 93.6

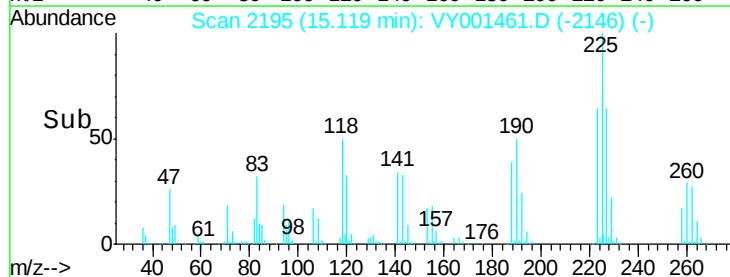
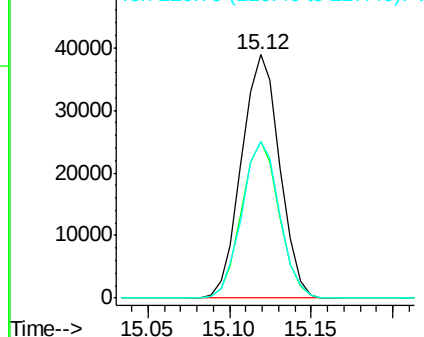
227 63.5 31.0 93.0



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





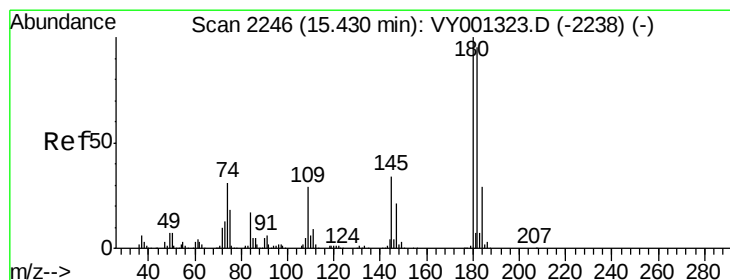
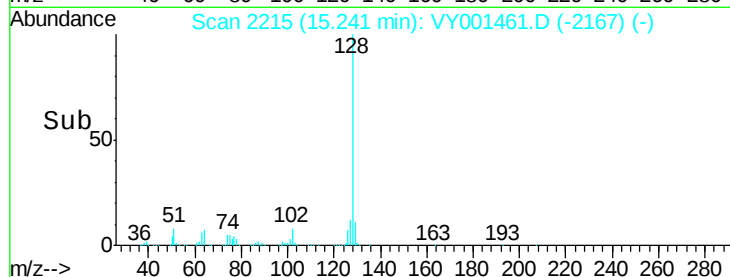
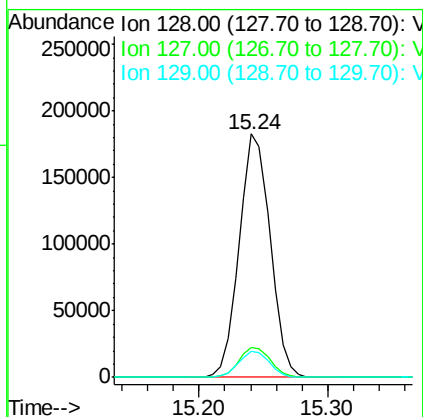
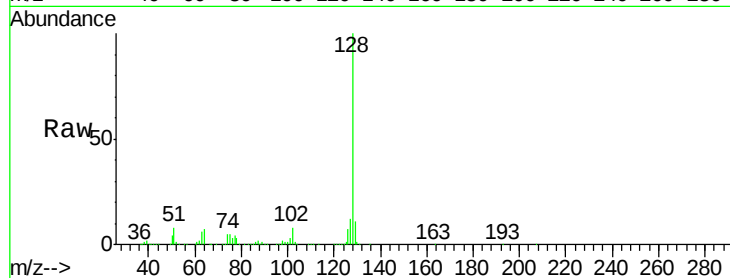
#95
Naphthalene
Concen: 47.493 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	303395		
127	12.5		10.2	15.2
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:52:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.996 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001461.D
Acq: 31 Jan 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115176		
182	91.4		47.3	141.8
145	33.6		16.8	50.3

