

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001233.D
 Acq On : 15 Jan 2020 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:35 AM

Quant Time: Jan 16 06:36:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	386298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	337972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155796	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	112045	50.55	ug/l	0.00
Spiked Amount						
			Recovery	=	101.10%	
35) Dibromofluoromethane	7.73	113	106365	47.03	ug/l	0.00
Spiked Amount						
			Recovery	=	94.06%	
50) Toluene-d8	10.18	98	427055	49.00	ug/l	0.00
Spiked Amount						
			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.48	95	162905	45.72	ug/l	0.00
Spiked Amount						
			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	89292	55.405	ug/l	99
3) Chloromethane	2.12	50	101690	43.775	ug/l	99
4) Vinyl Chloride	2.26	62	105539	45.096	ug/l	98
5) Bromomethane	2.65	94	71142	56.592	ug/l	96
6) Chloroethane	2.80	64	65713	48.602	ug/l	98
7) Trichlorofluoromethane	3.13	101	174892	53.688	ug/l	96
8) Diethyl Ether	3.54	74	75187	59.399	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	114112	54.421	ug/l	98
10) Methyl Iodide	4.10	142	156094	54.386	ug/l	99
11) Tert butyl alcohol	4.97	59	63956	286.802	ug/l	99
12) 1,1-Dichloroethene	3.88	96	120514	56.177	ug/l	95
13) Acrolein	3.74	56	56986	283.861	ug/l	97
14) Allyl chloride	4.49	41	192695	53.221	ug/l	95
15) Acrylonitrile	5.18	53	177712	280.720	ug/l	99
16) Acetone	3.96	43	137895	267.895	ug/l	91
17) Carbon Disulfide	4.20	76	381880	55.000	ug/l	100
18) Methyl Acetate	4.49	43	89785	52.758	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	338956	57.121	ug/l	100
20) Methylene Chloride	4.73	84	152879	65.438	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	138565	56.964	ug/l	96
22) Diisopropyl ether	6.13	45	405644	54.853	ug/l	95
23) Vinyl Acetate	6.07	43	1282203	271.105	ug/l	97
24) 1,1-Dichloroethane	6.04	63	230064	56.826	ug/l	99
25) 2-Butanone	7.00	43	223876	279.458	ug/l	98
26) 2,2-Dichloropropane	7.00	77	185199	49.745	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	155561	58.363	ug/l	97
28) Bromochloromethane	7.35	49	104564	62.896	ug/l	97
29) Tetrahydrofuran	7.36	42	149550	272.404	ug/l	98
30) Chloroform	7.52	83	225335	56.804	ug/l	99
31) Cyclohexane	7.79	56	211583	49.359	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	186964	53.119	ug/l	99
36) 1,1-Dichloropropene	7.93	75	174987	49.700	ug/l	99
37) Ethyl Acetate	7.09	43	102001	49.364	ug/l	99
38) Carbon Tetrachloride	7.91	117	154966	48.026	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	227428	47.646	ug/l	99
40) Benzene	8.17	78	543991	52.929	ug/l	99
41) Methacrylonitrile	7.34	41	63436m	65.356	ug/l	
42) 1,2-Dichloroethane	8.25	62	148226	51.506	ug/l	98
43) Isopropyl Acetate	8.28	43	200721	50.800	ug/l	100
44) Trichloroethene	8.94	130	133544	49.866	ug/l	96
45) 1,2-Dichloropropane	9.22	63	136611	53.766	ug/l	98
46) Dibromomethane	9.31	93	72772	52.493	ug/l	98
47) Bromodichloromethane	9.50	83	174774	51.730	ug/l	96
48) Methyl methacrylate	9.30	41	88475	48.388	ug/l	94
49) 1,4-Dioxane	9.30	88	19816	1173.726	ug/l #	80
51) 4-Methyl-2-Pentanone	10.07	43	493832	246.315	ug/l	98
52) Toluene	10.25	92	337329	51.460	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	190187	50.305	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	221396	51.940	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	107368	52.241	ug/l	99
56) Ethyl methacrylate	10.51	69	162032	51.540	ug/l	94
57) 1,3-Dichloropropane	10.79	76	187540	53.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	279766	253.018	ug/l	99
59) 2-Hexanone	10.83	43	346401	246.534	ug/l	97
60) Dibromochloromethane	10.99	129	120214	50.802	ug/l	99
61) 1,2-Dibromoethane	11.09	107	101624	50.640	ug/l	99
64) Tetrachloroethene	10.72	164	104806	48.106	ug/l	96
65) Chlorobenzene	11.52	112	345791	51.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	117985	50.691	ug/l	98
67) Ethyl Benzene	11.59	91	631665	51.131	ug/l	98
68) m/p-Xylenes	11.70	106	476912	102.337	ug/l	100
69) o-Xylene	12.03	106	232058	51.937	ug/l	99
70) Styrene	12.04	104	407655	51.998	ug/l	99
71) Bromoform	12.20	173	70550	49.150	ug/l #	98
73) Isopropylbenzene	12.33	105	607327	51.854	ug/l	100
74) N-amyl acetate	12.14	43	182969	50.057	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	130680	53.032	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	87392m	52.399	ug/l	
77) Bromobenzene	12.61	156	144020	55.649	ug/l	92
78) n-propylbenzene	12.67	91	744896	52.874	ug/l	100
79) 2-Chlorotoluene	12.75	91	422182	52.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	509304	52.116	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	48391	49.203	ug/l #	92
82) 4-Chlorotoluene	12.85	91	440786	51.031	ug/l	99
83) tert-Butylbenzene	13.07	119	417502	50.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	503897	51.923	ug/l	99
85) sec-Butylbenzene	13.25	105	608482	51.509	ug/l	100
86) p-Isopropyltoluene	13.37	119	522784	50.970	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	254751	52.049	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	258505	51.318	ug/l	99
89) n-Butylbenzene	13.69	91	532273	51.526	ug/l	99
90) Hexachloroethane	13.96	117	106845	53.313	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	235803	51.839	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21047	47.349	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	148582	49.577	ug/l	99
94) Hexachlorobutadiene	15.11	225	70966	47.002	ug/l	99
95) Naphthalene	15.23	128	351932	50.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	130238	49.308	ug/l	98

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

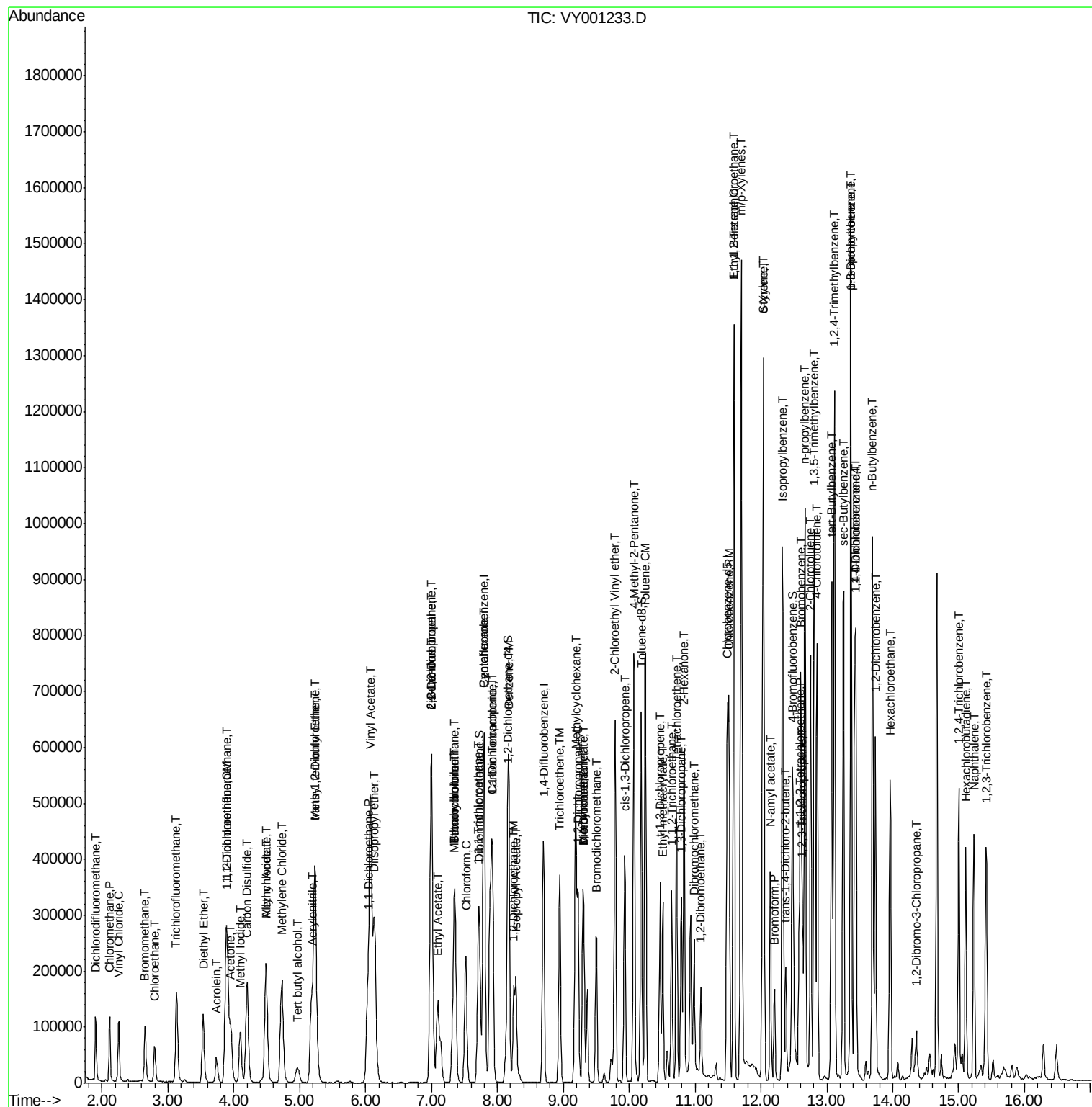
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
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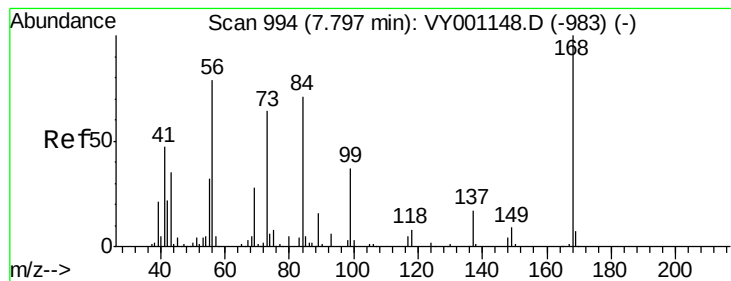
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 209849

Ion Ratio Lower Upper

168 100

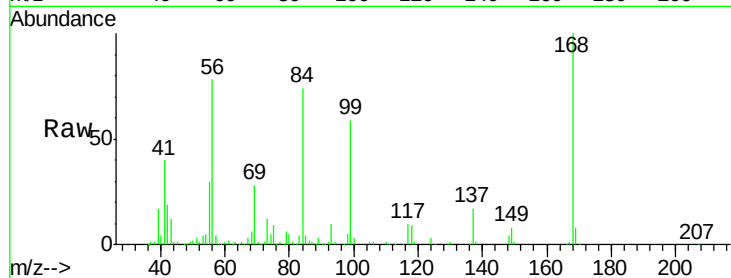
99 59.3 47.9 71.9

Manual Integrations

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1/16/2020 9:36:35 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

100000

80000

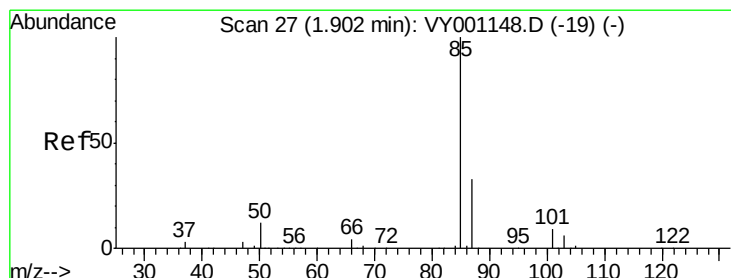
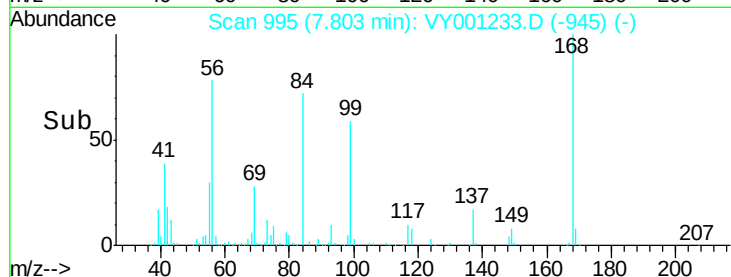
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.405 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001233.D

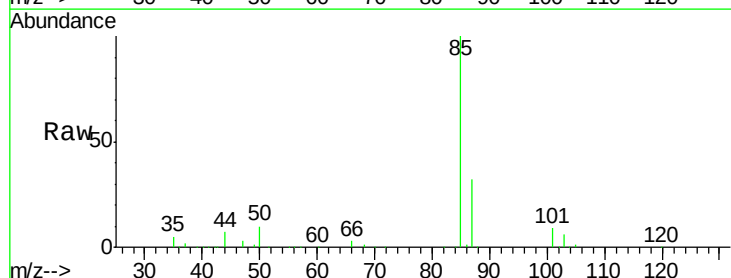
Acq: 15 Jan 2020 20:49

Tgt Ion: 85 Resp: 89292

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

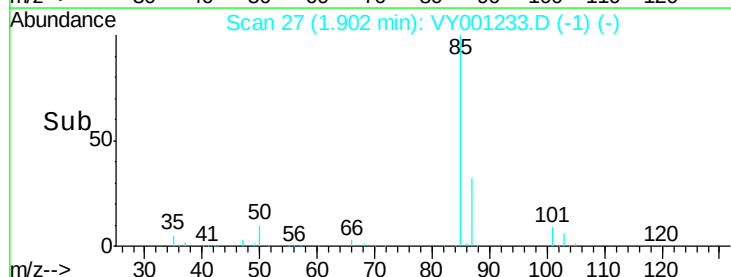
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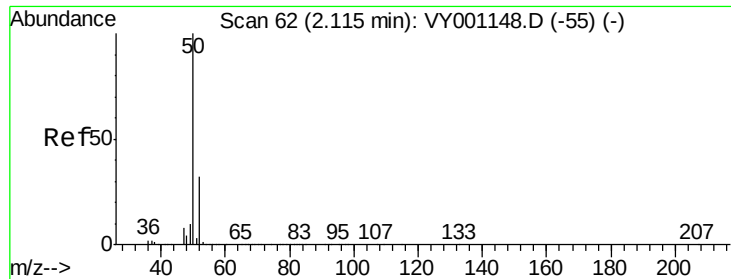
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Time-->





#3

Chloromethane

Concen: 43.775 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 101690

Ion Ratio Lower Upper

50 100

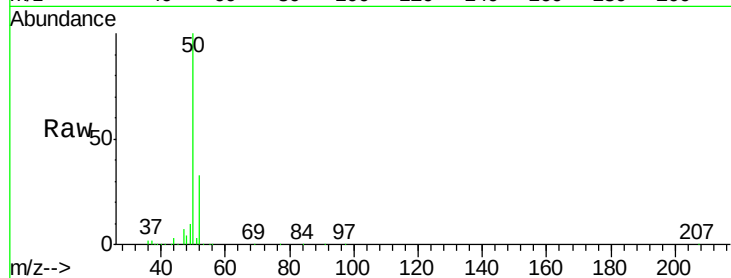
52 32.7 25.8 38.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

80000

60000

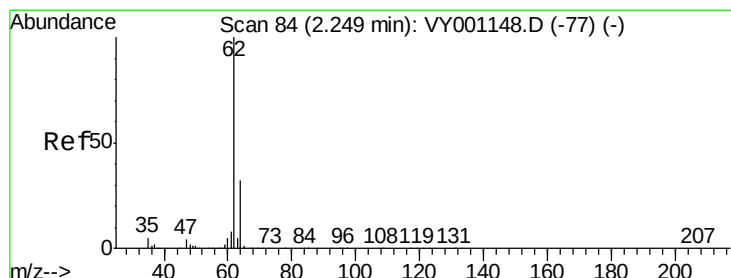
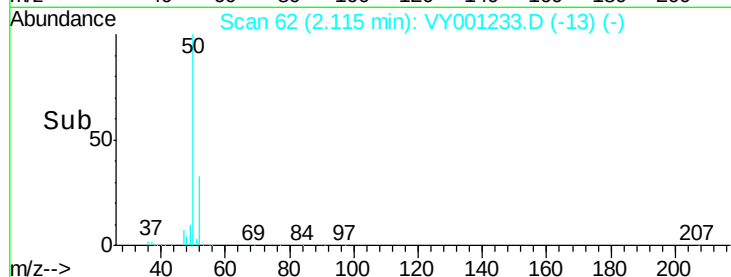
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20000

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Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 45.096 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001233.D

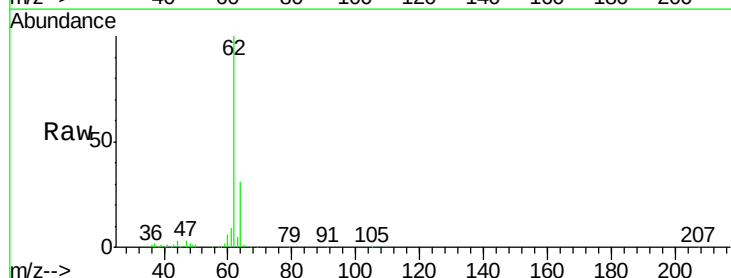
Acq: 15 Jan 2020 20:49

Tgt Ion: 62 Resp: 105539

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

60000

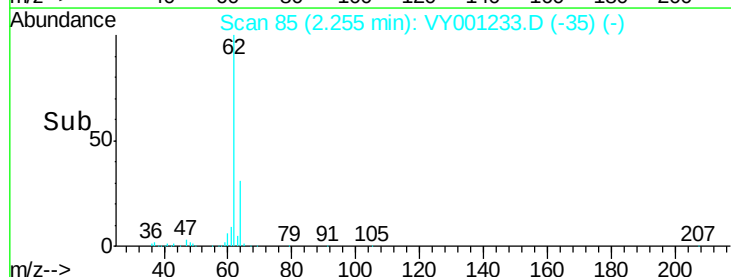
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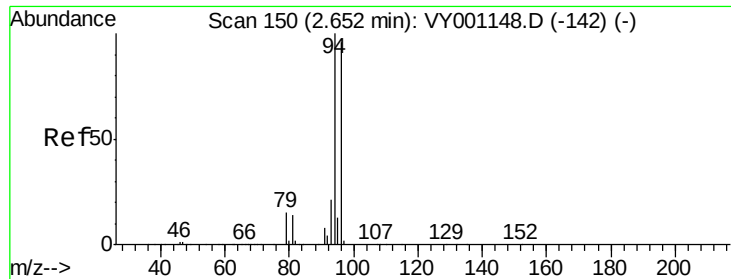
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Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 56.592 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 71142

Ion Ratio Lower Upper

94 100

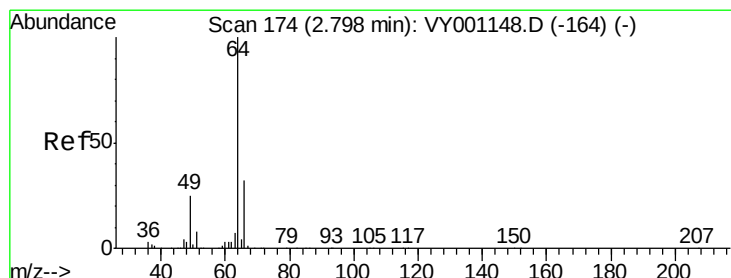
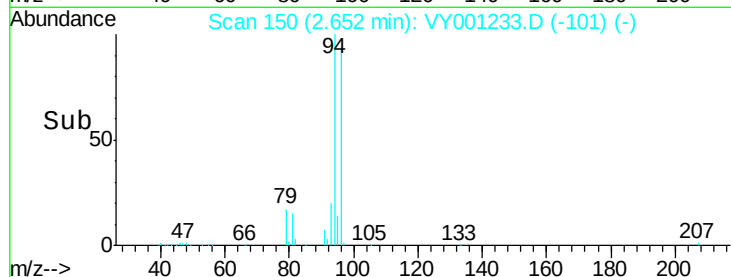
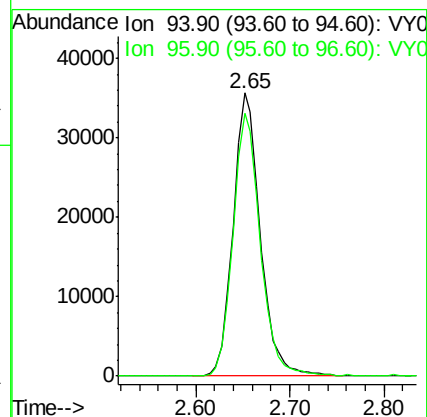
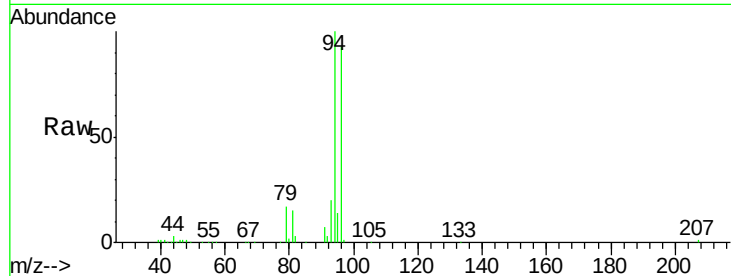
96 92.8 77.3 115.9

Manual Integrations

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#6

Chloroethane

Concen: 48.602 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001233.D

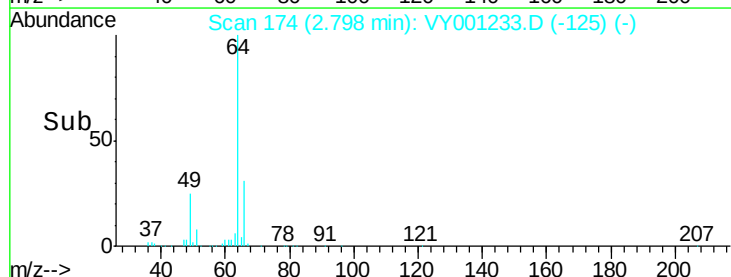
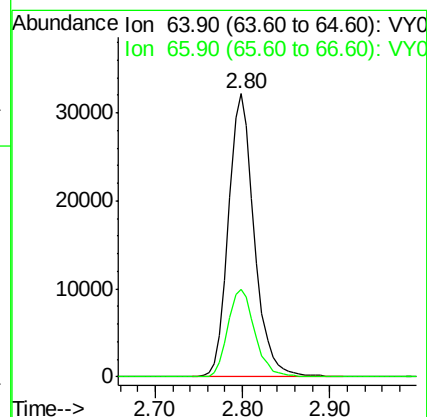
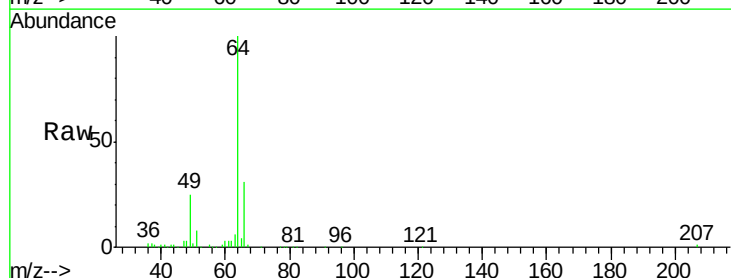
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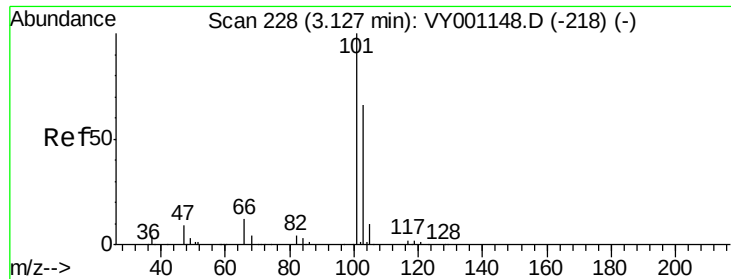
Tgt Ion: 64 Resp: 65713

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

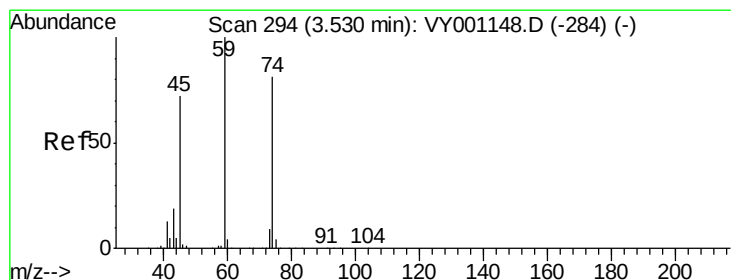
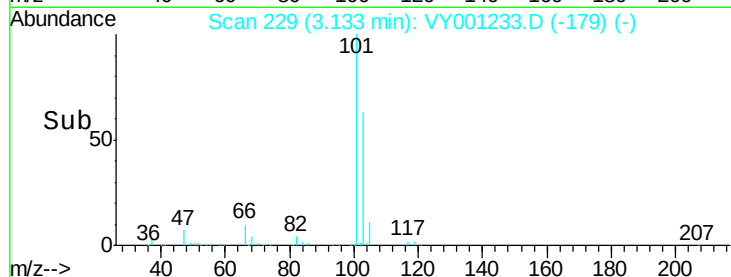
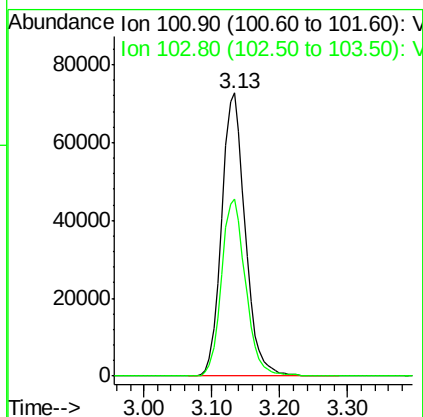
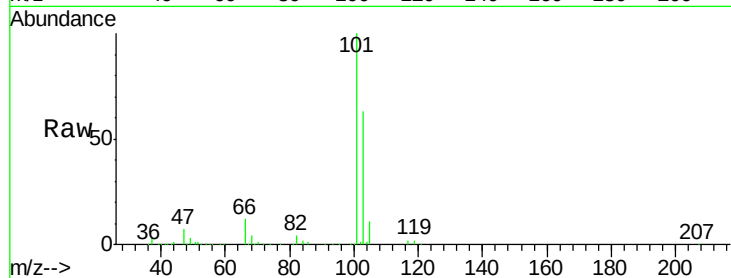
Trichlorofluoromethane
Concen: 53.688 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	52.6	79.0

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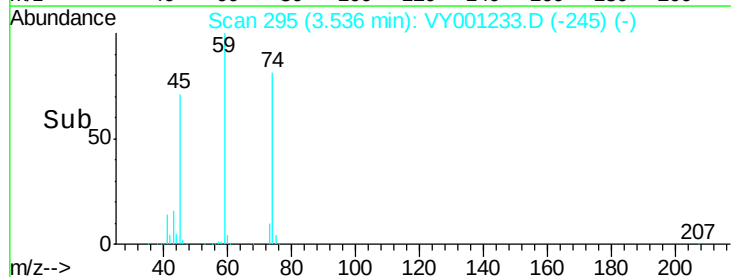
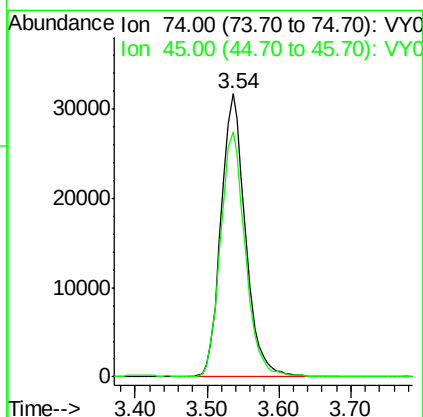
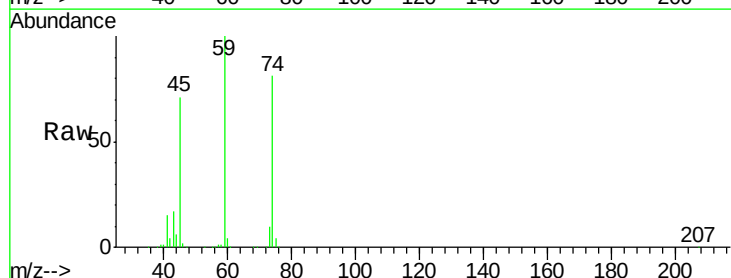
MMDadoda
1/16/2020 9:36:35 AM

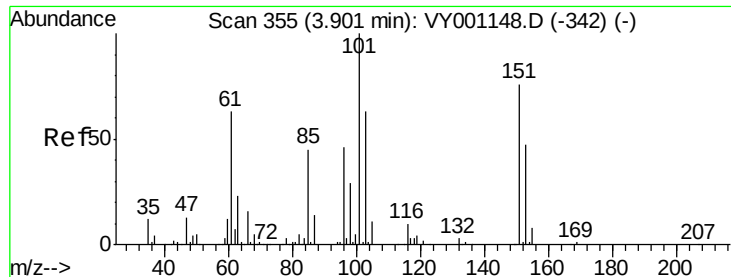


#8

Diethyl Ether
Concen: 59.399 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.421 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001233.D

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MSVOA_Y

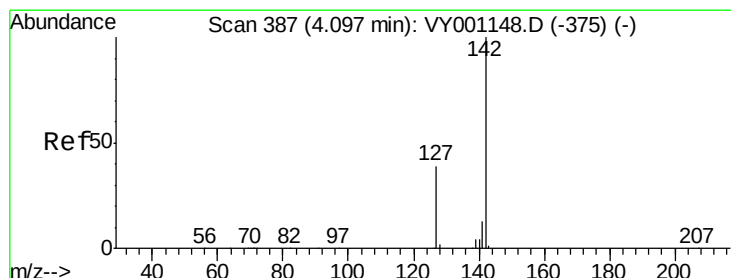
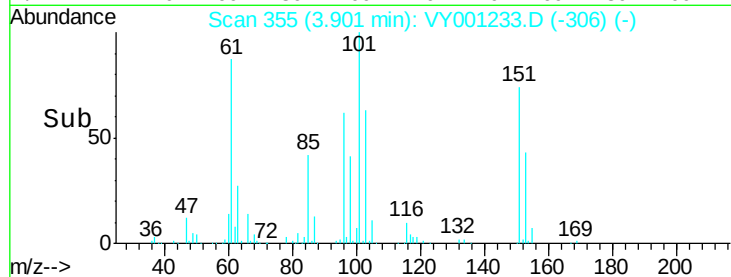
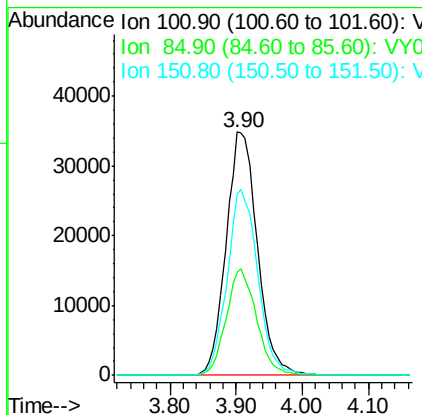
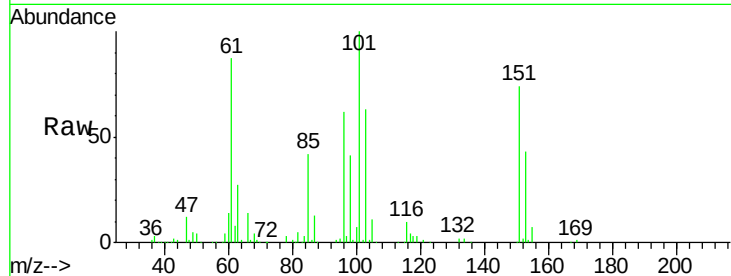
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	114112
Ion Ratio	Lower	Upper	
101	100		
85	42.4	35.2	52.8
151	75.0	61.4	92.2

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#10

Methyl Iodide

Concen: 54.386 ug/l

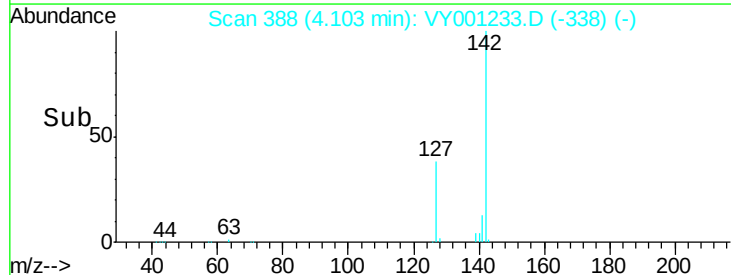
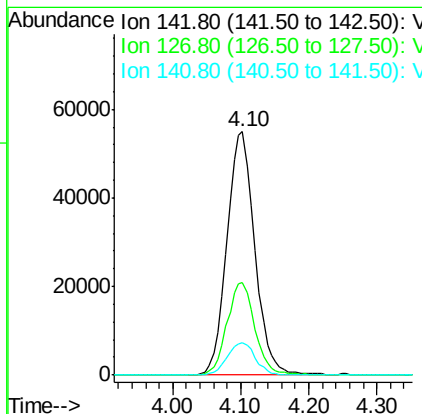
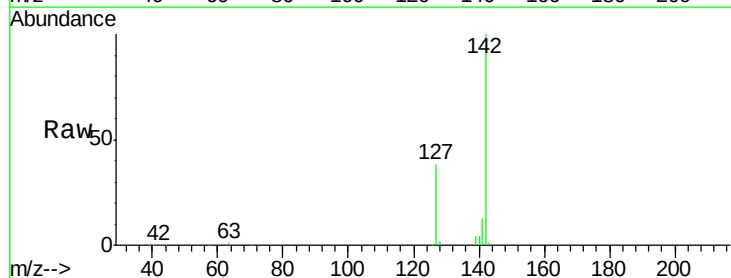
RT: 4.10 min Scan# 388

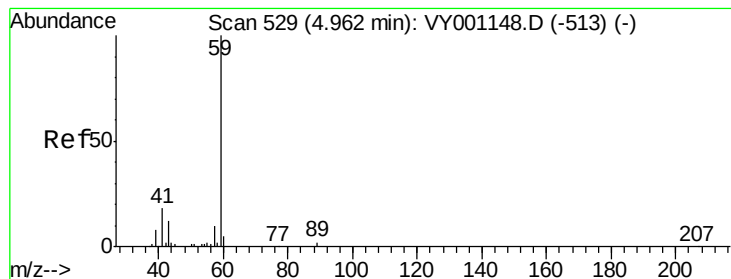
Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	142	Resp:	156094
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.8	46.2
141	13.7	11.0	16.4





#11

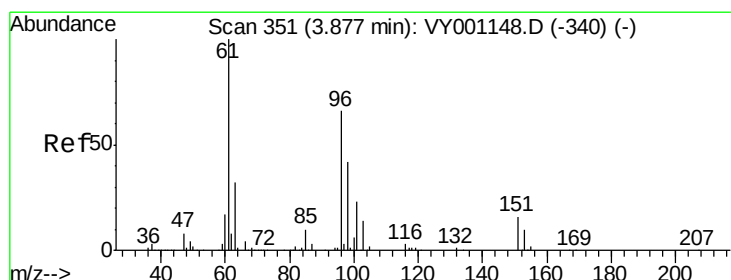
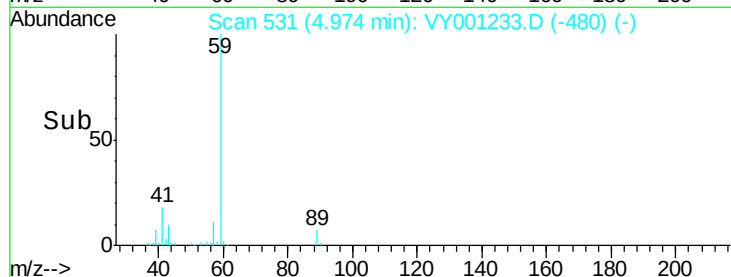
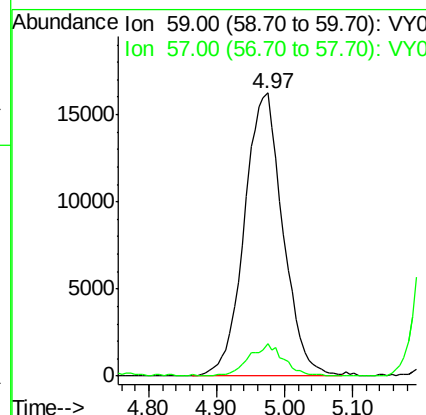
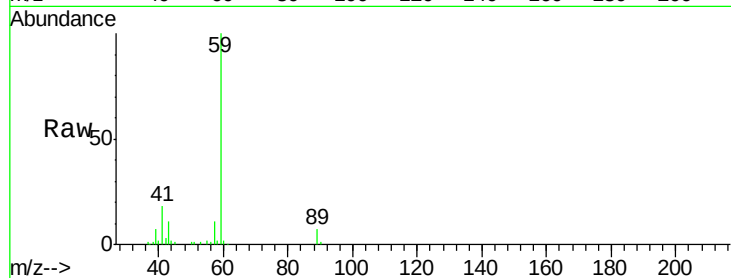
Tert butyl alcohol
 Concen: 286.802 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.8

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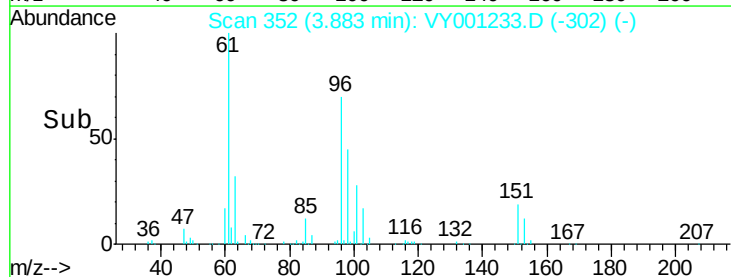
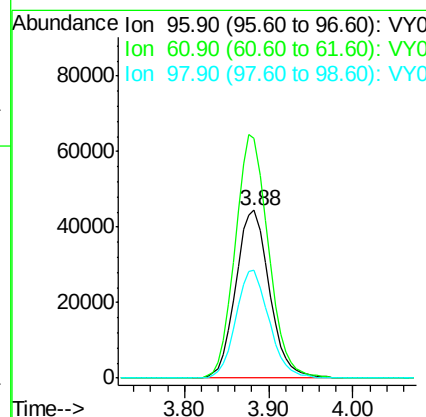
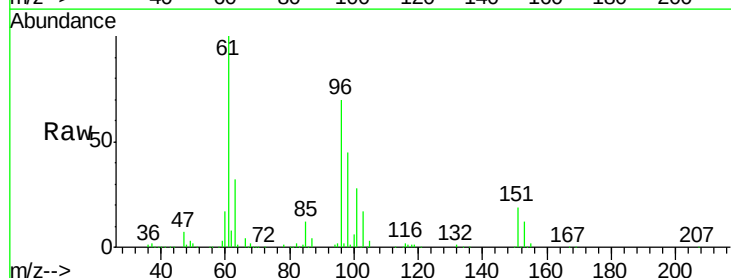
MMDadoda
 1/16/2020 9:36:35 AM

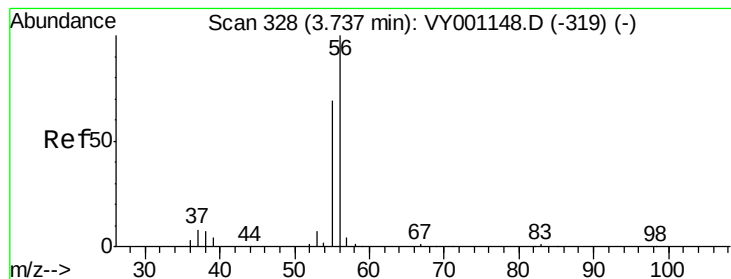


#12

1,1-Dichloroethene
 Concen: 56.177 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.0	122.1	183.1
98	64.2	51.0	76.6





#13

Acrolein

Concen: 283.861 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56986

Ion Ratio Lower Upper

56 100

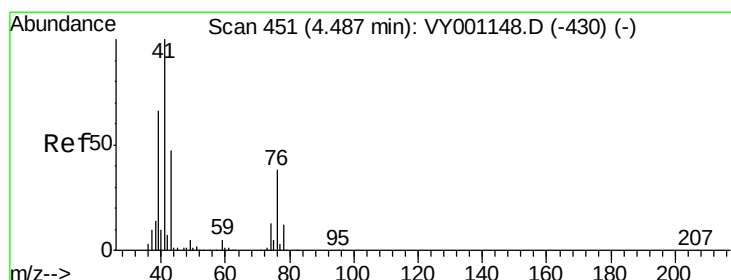
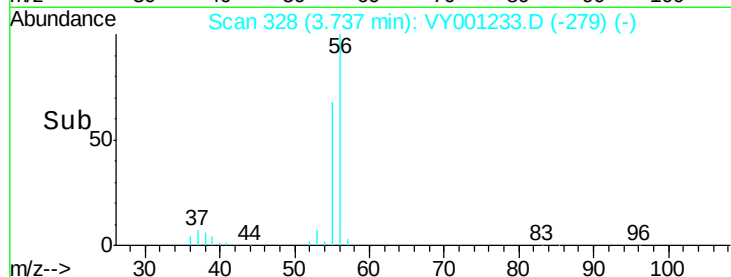
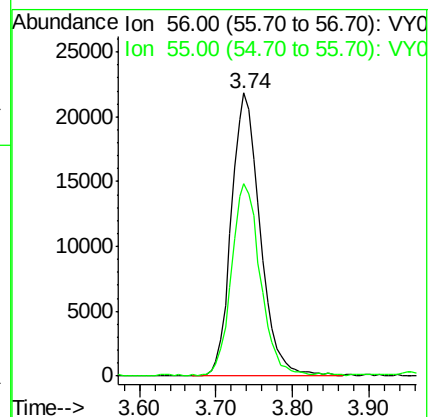
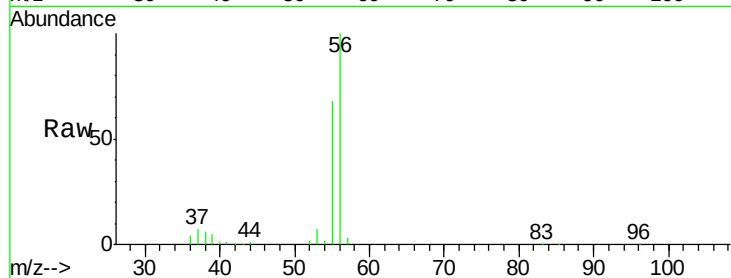
55 68.3 56.7 85.1

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#14

Allyl chloride

Concen: 53.221 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

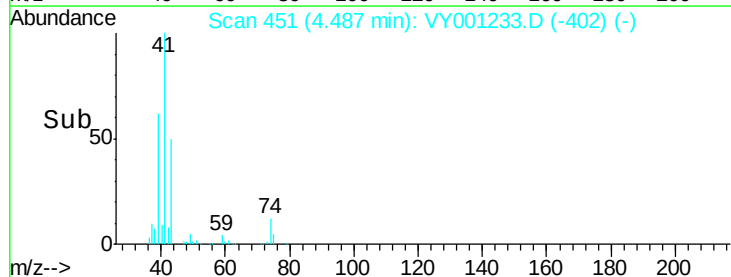
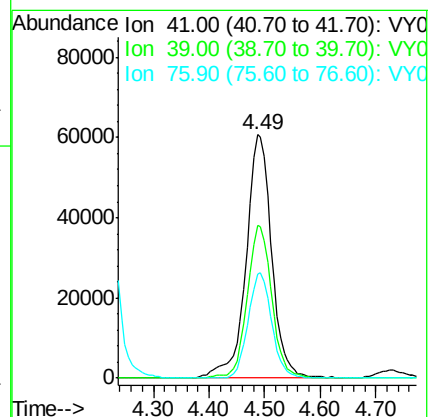
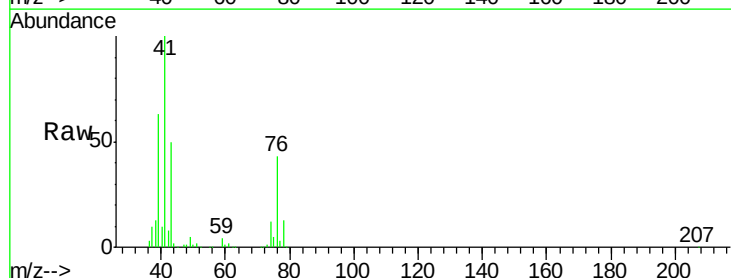
Tgt Ion: 41 Resp: 192695

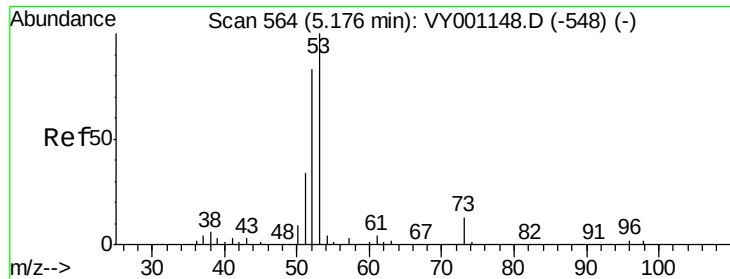
Ion Ratio Lower Upper

41 100

39 60.8 52.6 78.8

76 40.2 30.2 45.2





#15

Acrylonitrile

Concen: 280.720 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

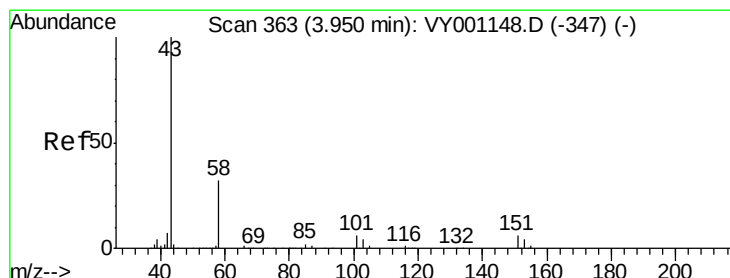
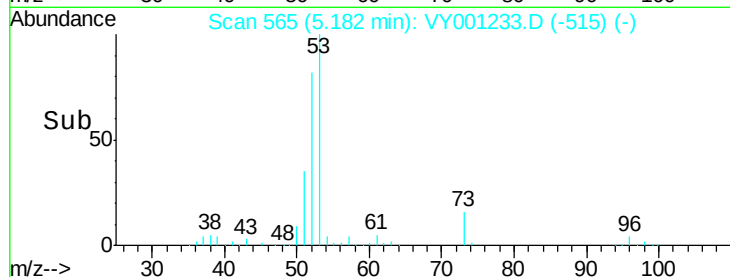
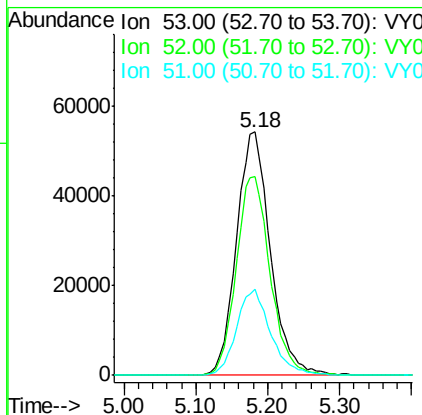
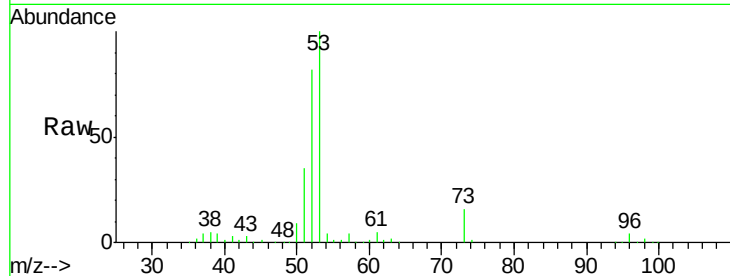
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	177712
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	35.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 267.895 ug/l

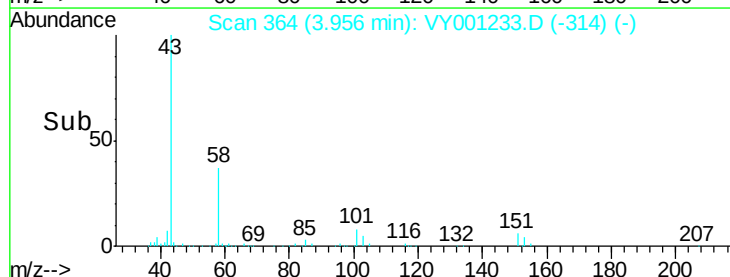
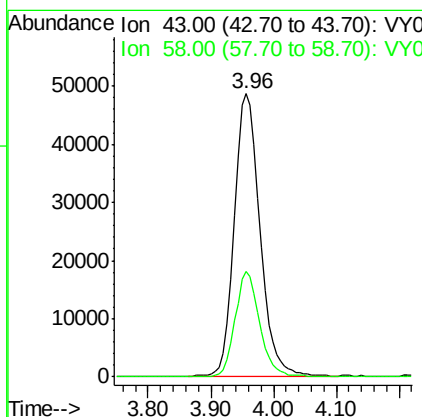
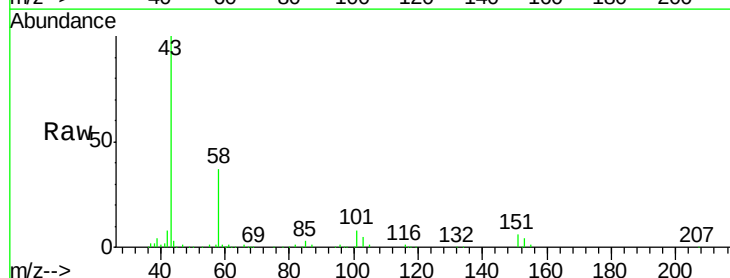
RT: 3.96 min Scan# 364

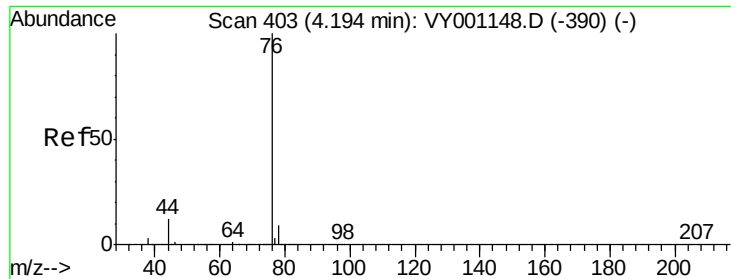
Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	43	Resp:	137895
Ion	Ratio	Lower	Upper
43	100		
58	37.3	25.8	38.6





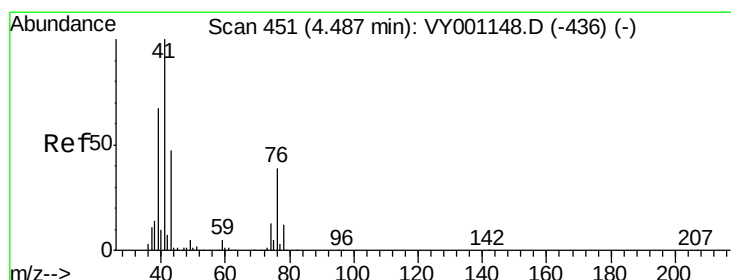
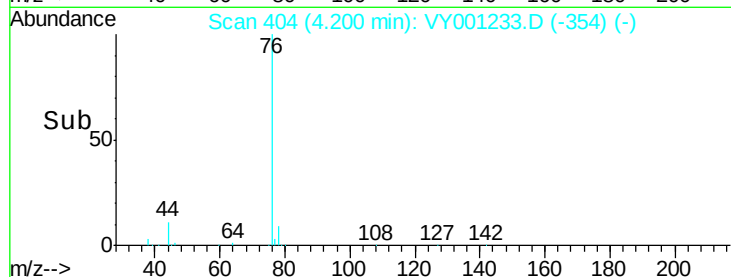
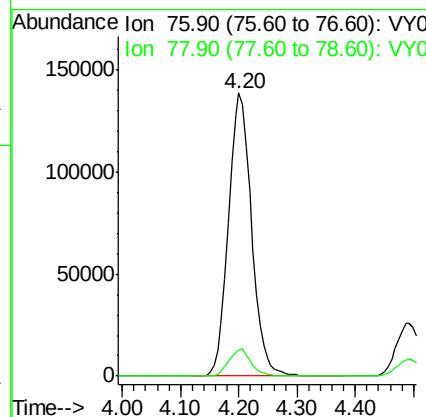
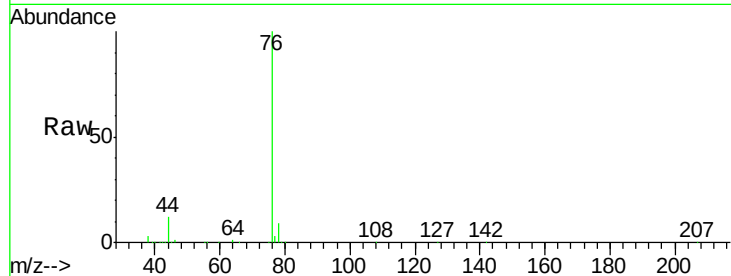
#17
Carbon Disulfide
Concen: 55.000 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

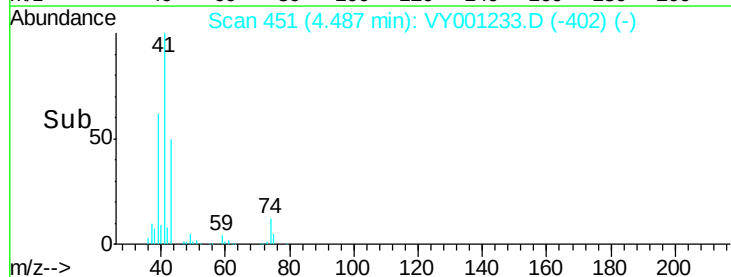
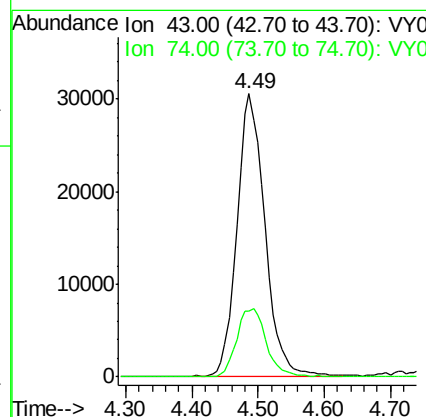
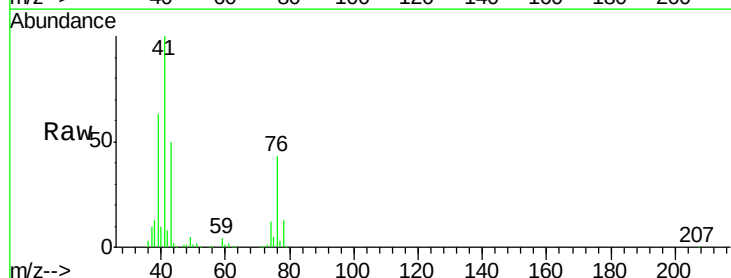
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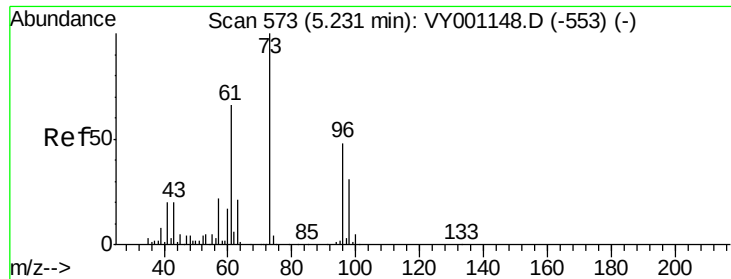
MMDadoda
1/16/2020 9:36:35 AM



#18
Methyl Acetate
Concen: 52.758 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.2





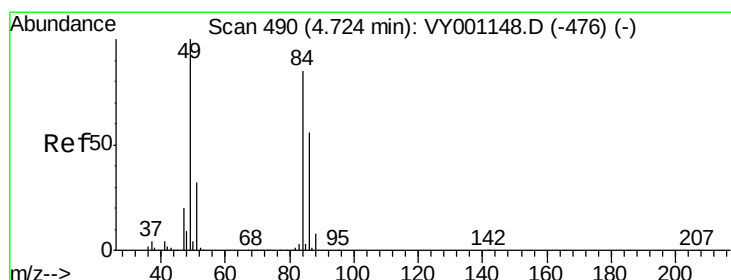
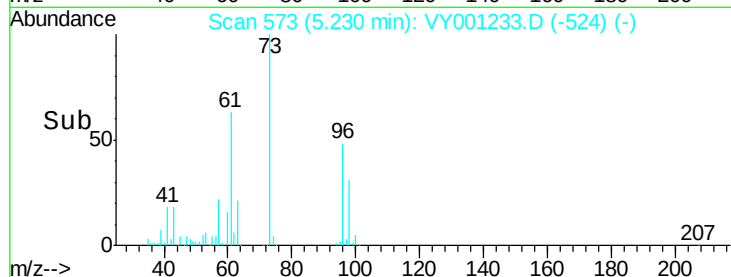
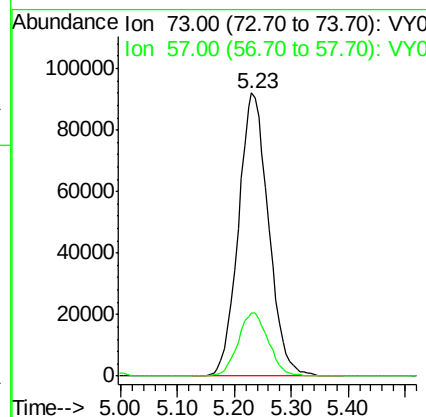
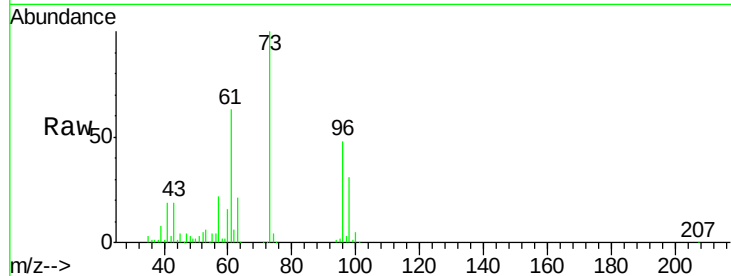
#19
Methyl tert-butyl Ether
Concen: 57.121 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.6

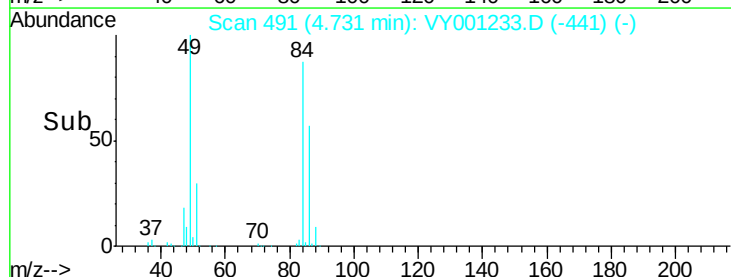
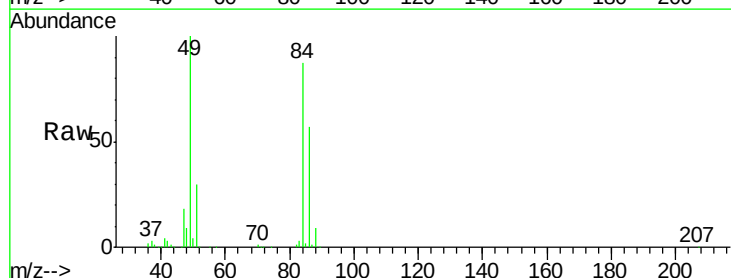
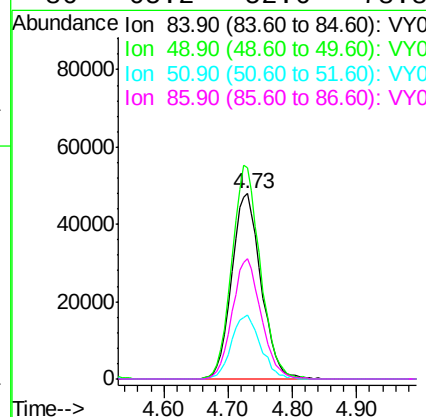
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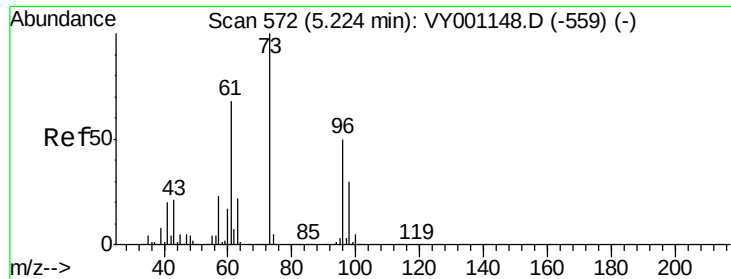
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#20
Methylene Chloride
Concen: 65.438 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.3	93.8	140.6
51	34.7	29.9	44.9
86	65.2	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 56.964 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

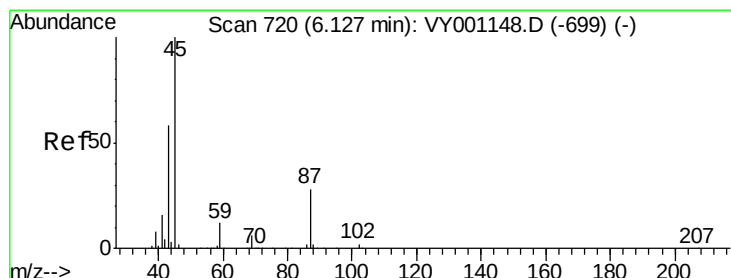
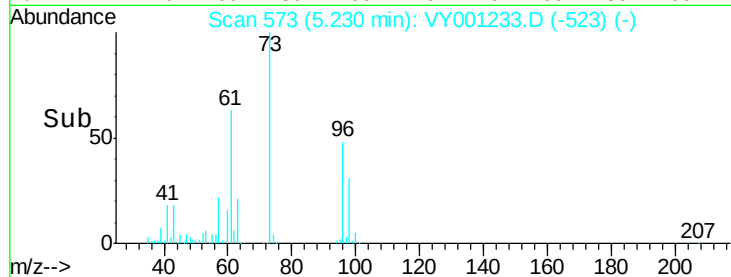
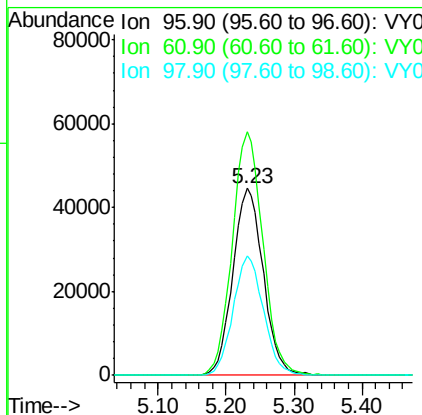
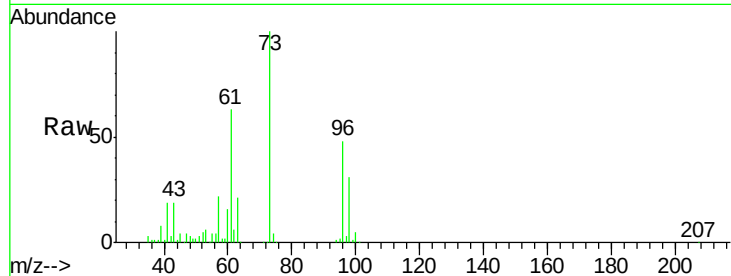
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	138565
Ion	Ratio	Lower	Upper
96	100		
61	130.3	107.6	161.4
98	63.8	47.6	71.4

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#22

Diisopropyl ether

Concen: 54.853 ug/l

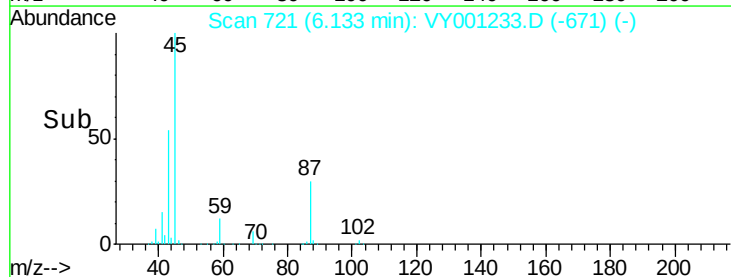
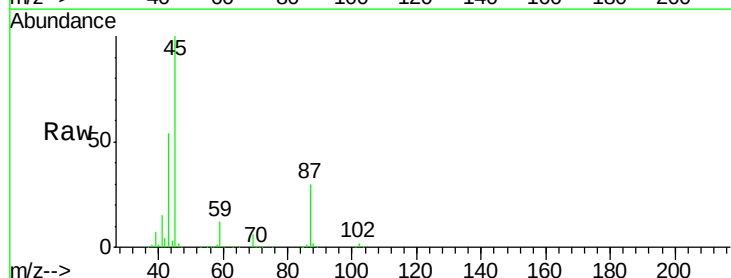
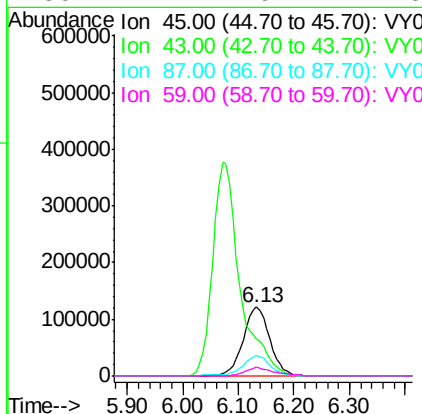
RT: 6.13 min Scan# 721

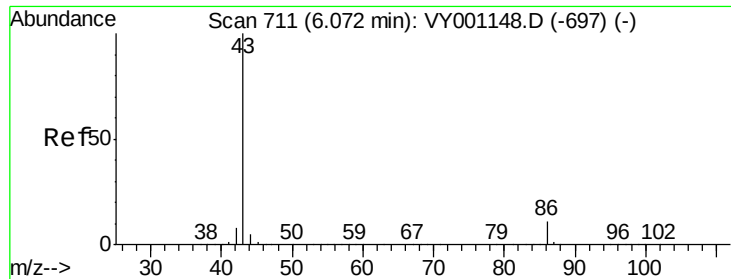
Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	45	Resp:	405644
Ion	Ratio	Lower	Upper
45	100		
43	53.6	46.5	69.7
87	29.7	22.5	33.7
59	12.2	9.4	14.0





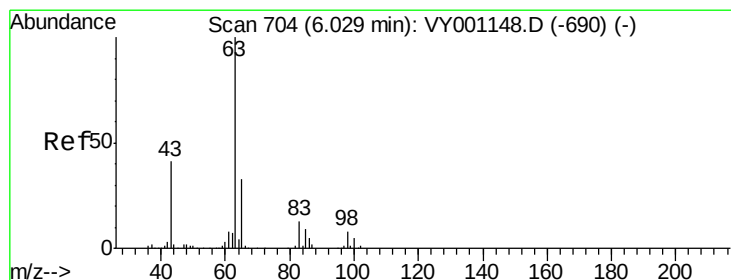
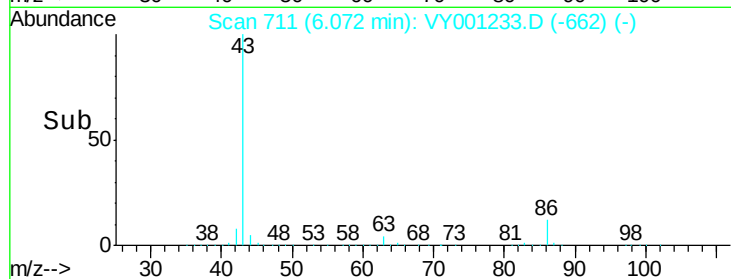
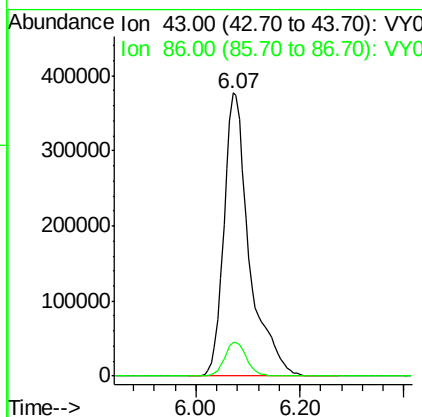
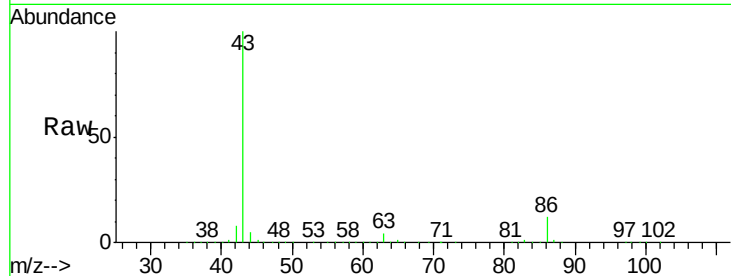
#23
 Vinyl Acetate
 Concen: 271.105 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1282203
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.0 13.4

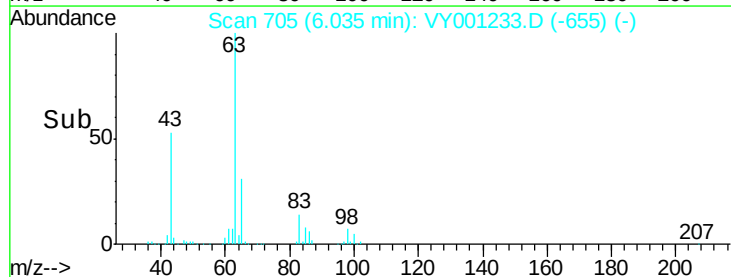
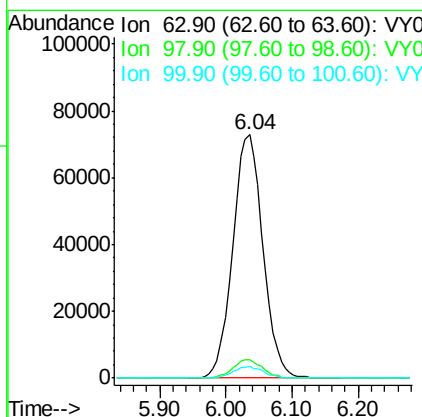
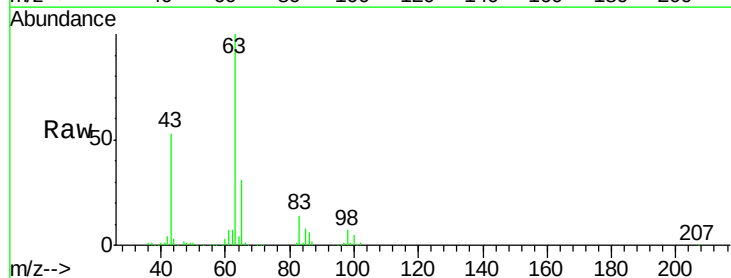
Manual Integrations
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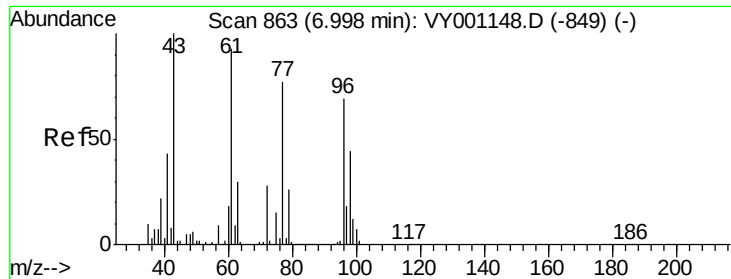
MMDadoda
 1/16/2020 9:36:35 AM



#24
 1,1-Dichloroethane
 Concen: 56.826 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 63 Resp: 230064
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 279.458 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 223876

Ion Ratio Lower Upper

43 100

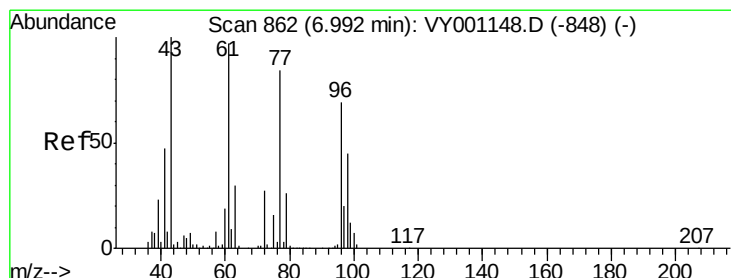
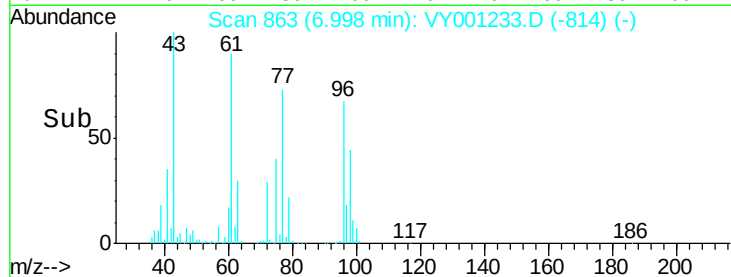
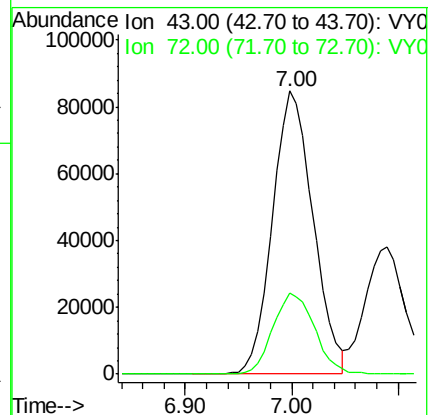
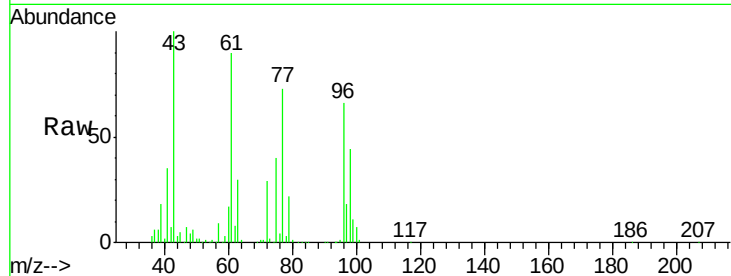
72 28.8 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.745 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001233.D

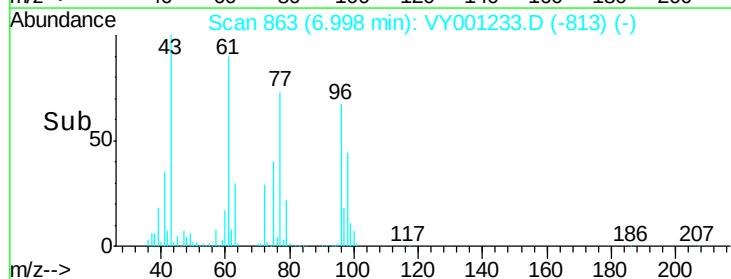
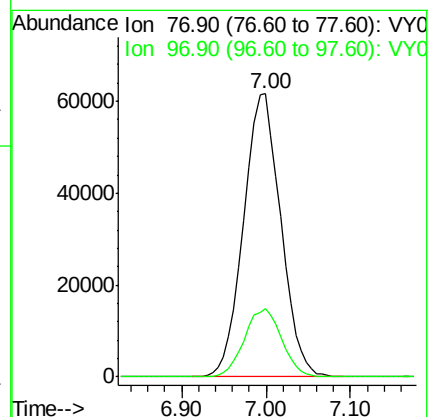
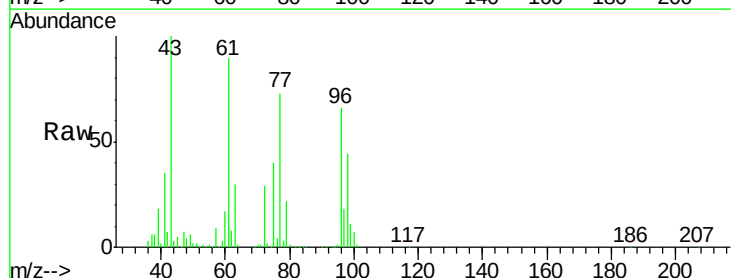
Acq: 15 Jan 2020 20:49

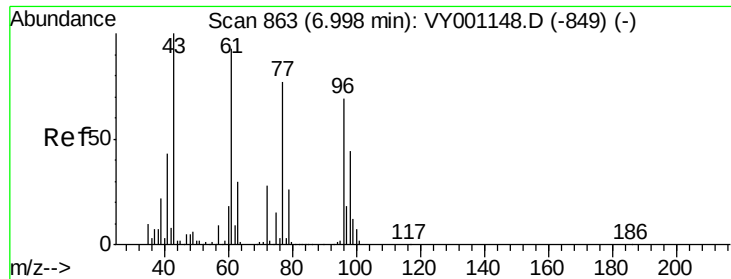
Tgt Ion: 77 Resp: 185199

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.7





#27

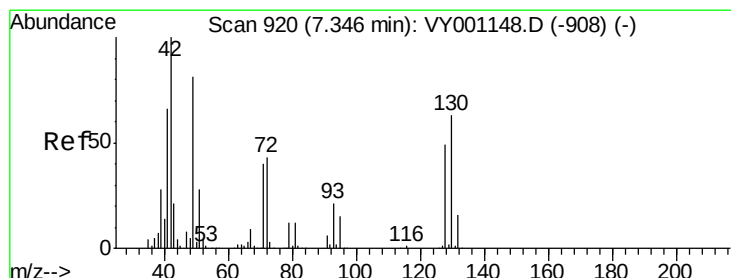
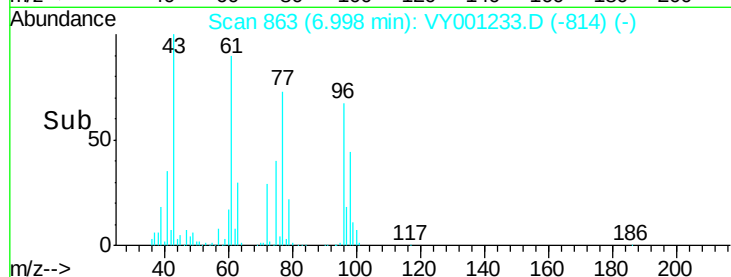
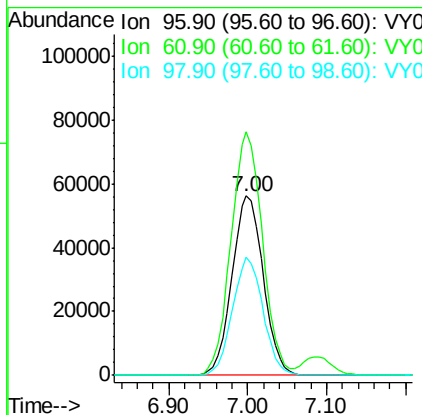
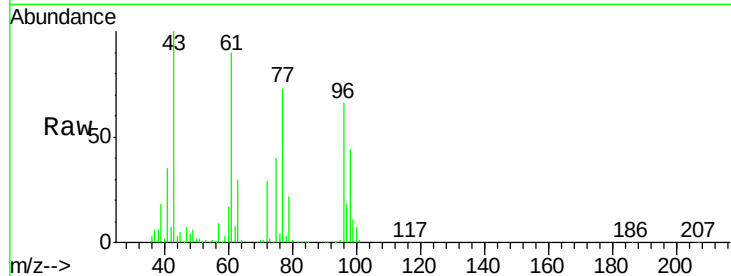
cis-1,2-Dichloroethene
Concen: 58.363 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	284.0
98	64.1	0.0	130.2

Manual Integrations
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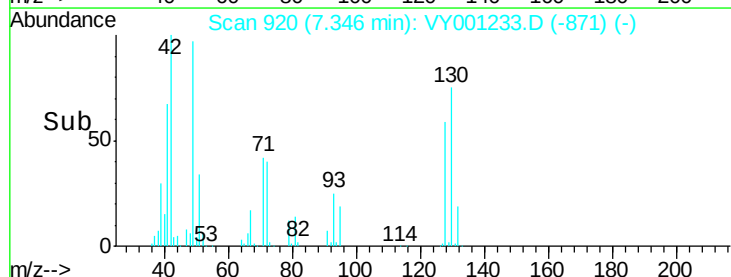
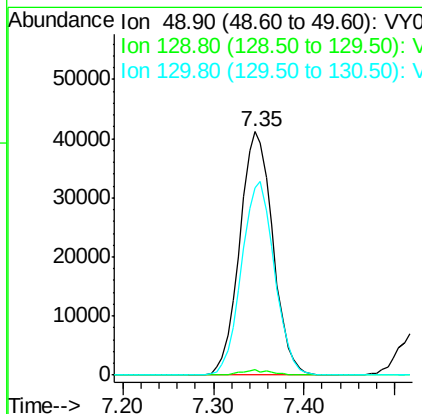
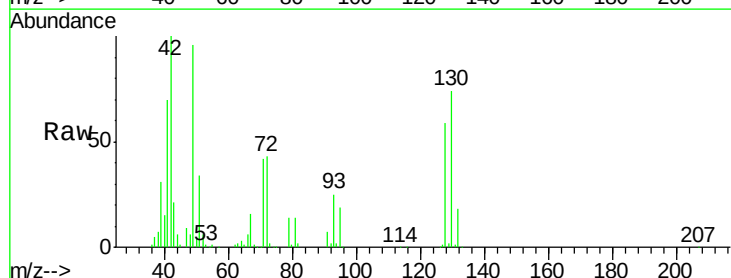
MMDadoda
1/16/2020 9:36:35 AM

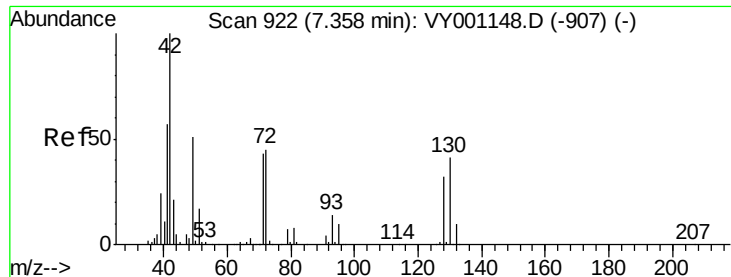


#28

Bromochloromethane
Concen: 62.896 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	79.0	61.2	91.8





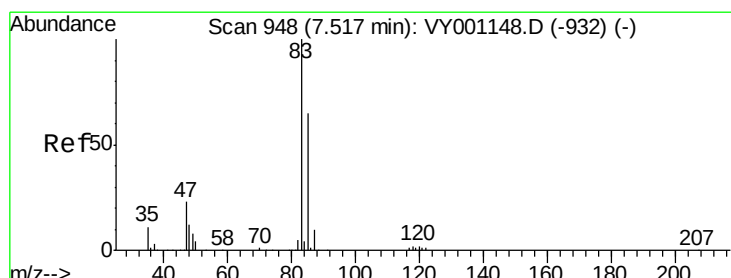
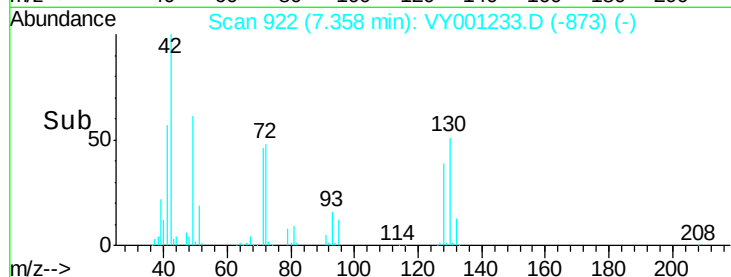
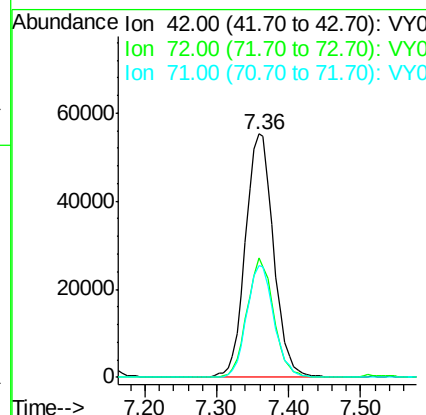
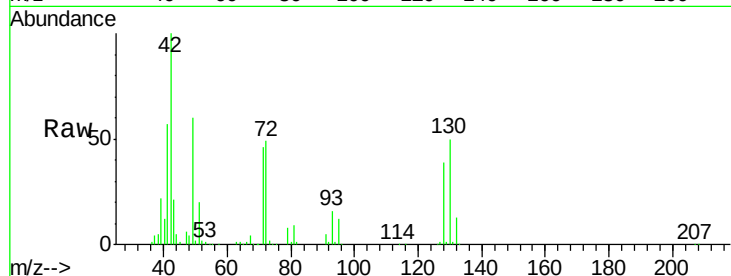
#29
Tetrahydrofuran
Concen: 272.404 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.9	55.3
71	44.4	34.0	51.0

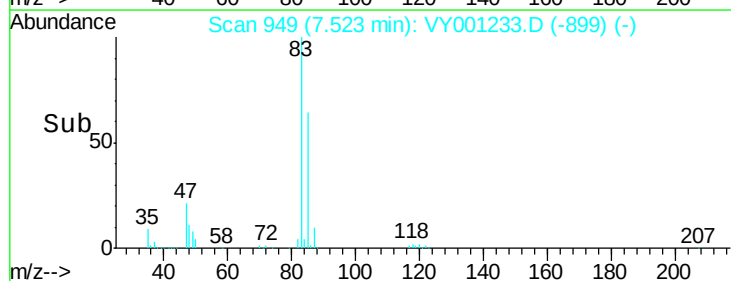
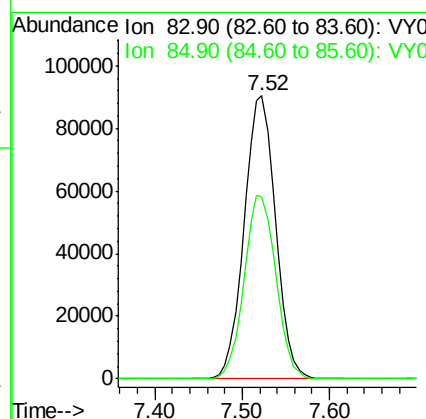
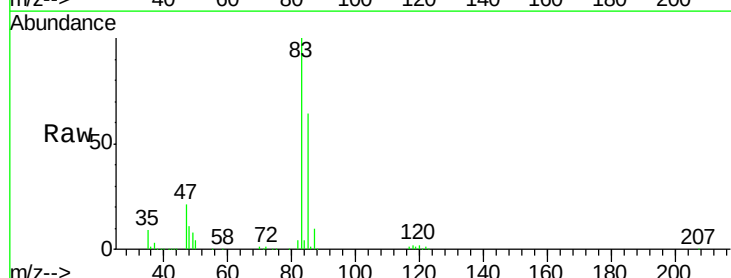
Manual Integrations
APPROVED

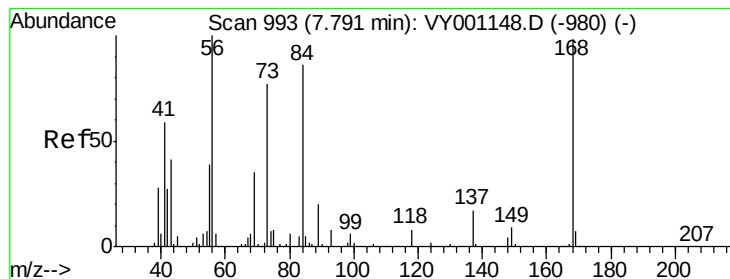
MMDadoda
1/16/2020 9:36:35 AM



#30
Chloroform
Concen: 56.804 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.9	77.9





#31

Cyclohexane

Concen: 49.359 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

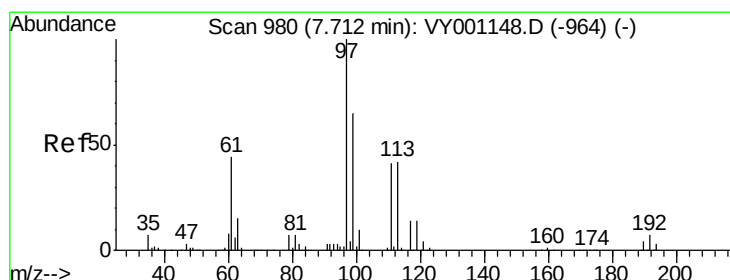
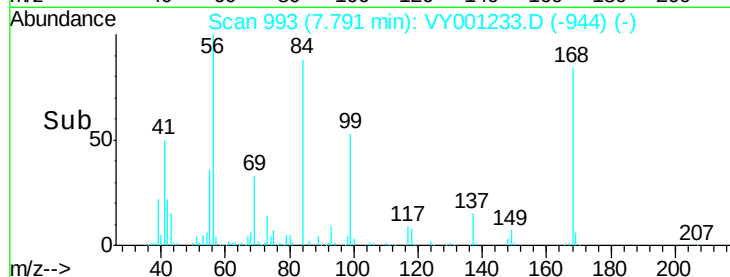
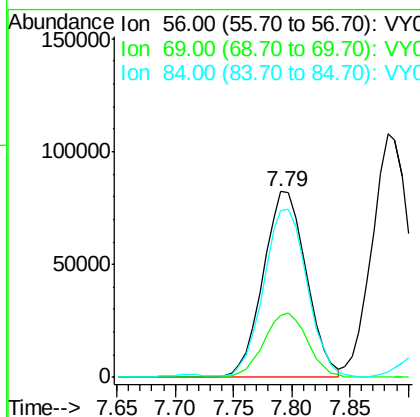
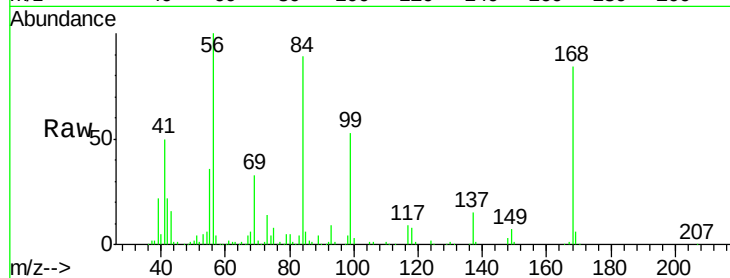
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	211583
Ion Ratio	Lower	Upper	
56	100		
69	33.2	27.8	41.8
84	88.0	68.9	103.3

Manual Integrations
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1/16/2020 9:36:35 AM



#32

1,1,1-Trichloroethane

Concen: 53.119 ug/l

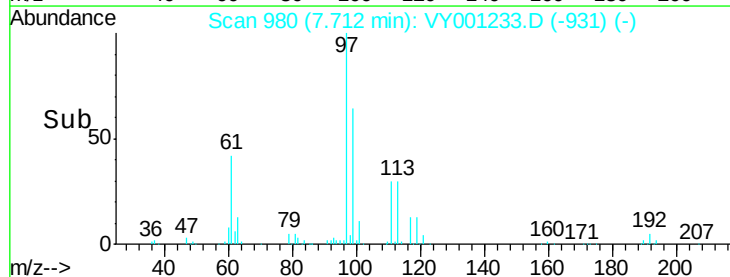
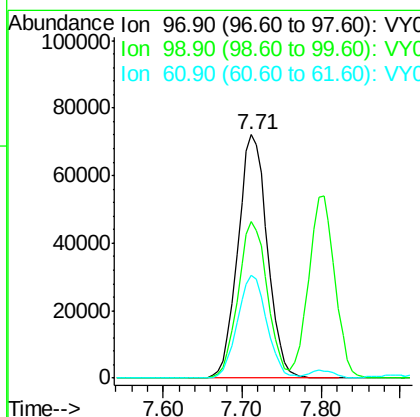
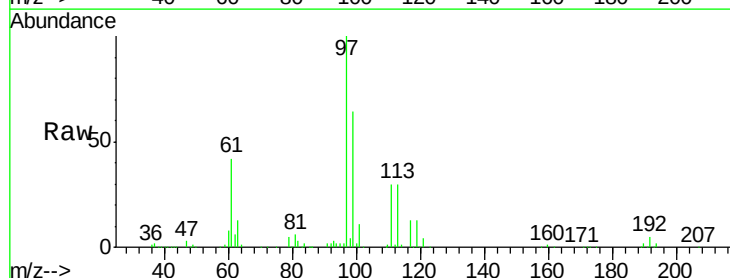
RT: 7.71 min Scan# 980

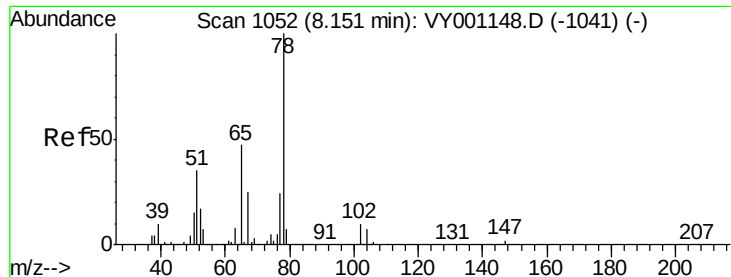
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	97	Resp:	186964
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.3	76.9
61	42.2	34.6	52.0





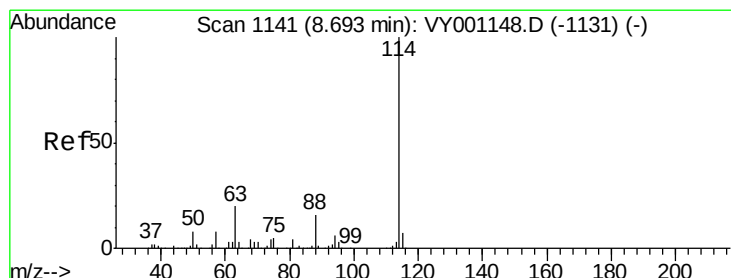
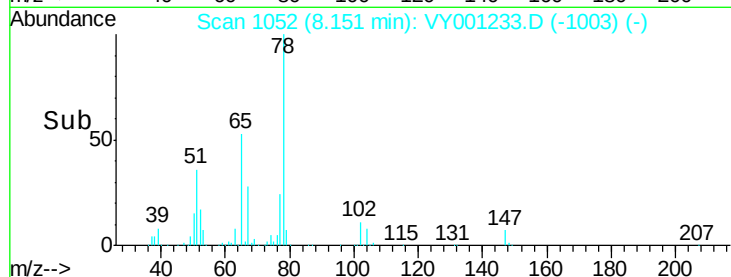
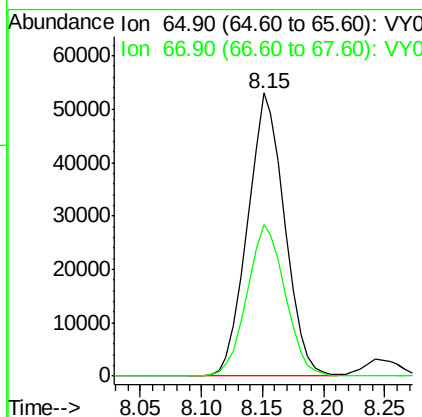
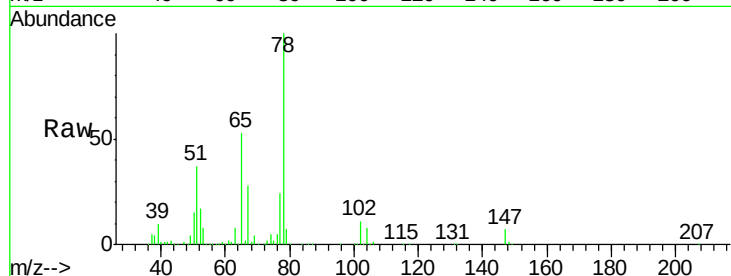
#33
 1,2-Dichloroethane-d4
 Concen: 50.553 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112045		
67	54.9	0.0	105.2	

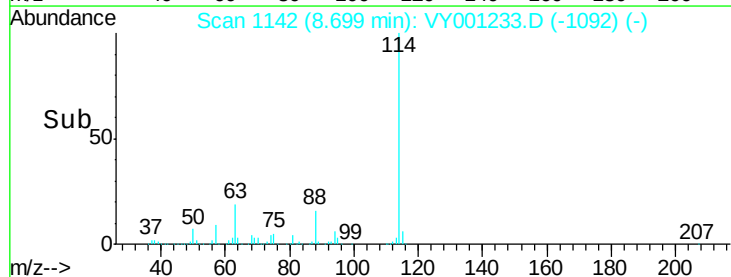
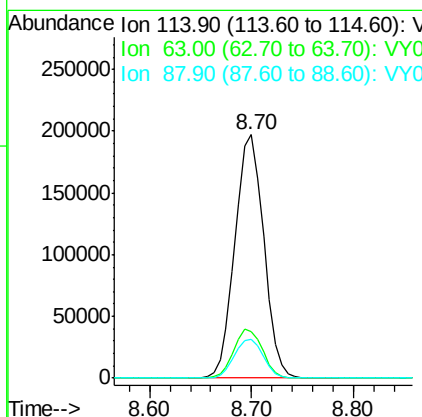
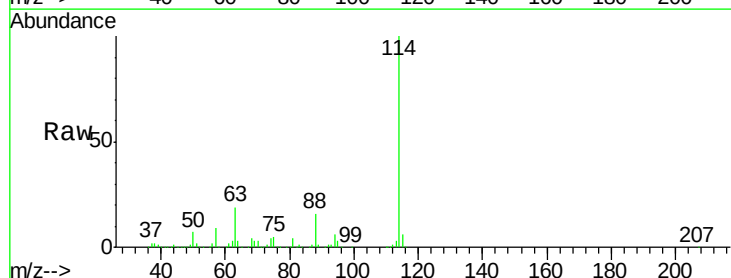
Manual Integrations
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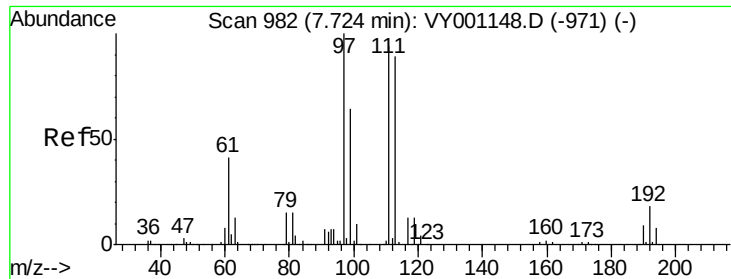
MMDadoda
 1/16/2020 9:36:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	386298		
63	19.1	0.0	40.8	
88	15.8	0.0	32.4	





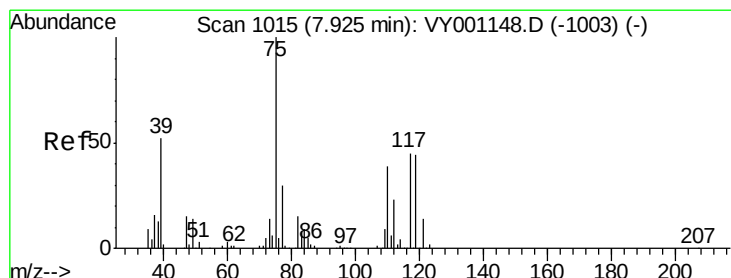
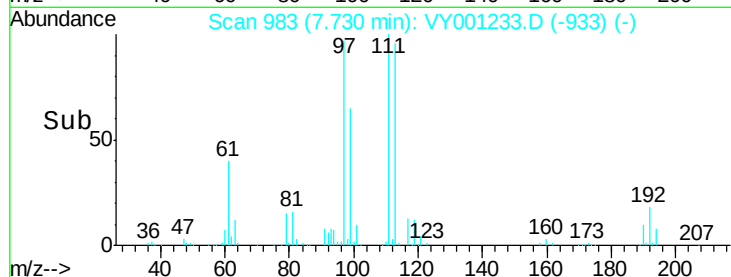
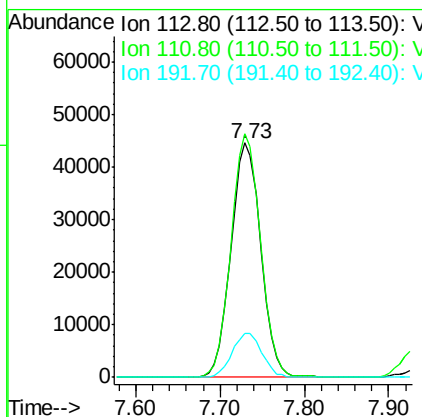
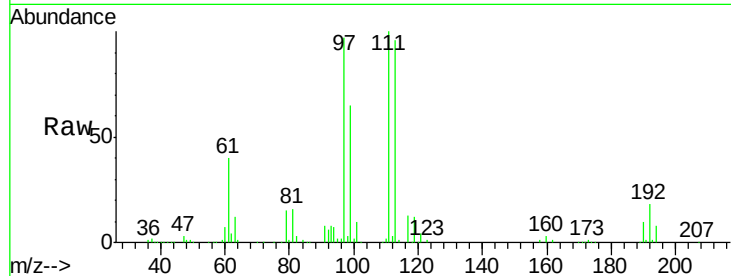
#35
Dibromofluoromethane
Concen: 47.027 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106365		
111	102.9	82.9	124.3	
192	19.0	15.4	23.2	

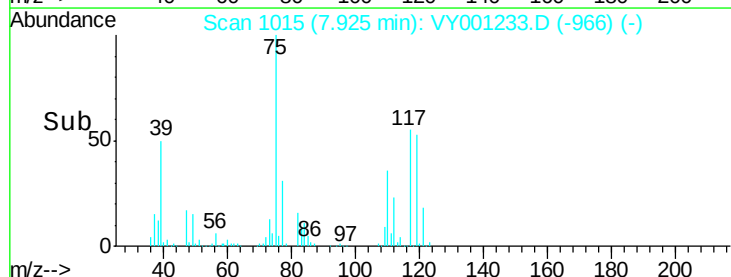
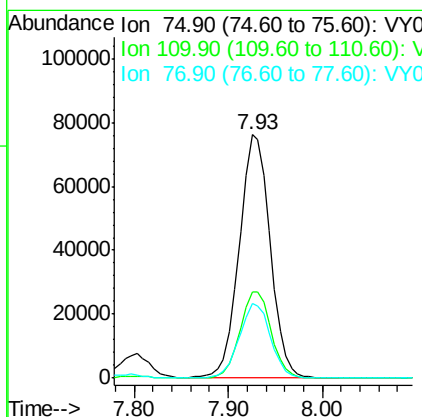
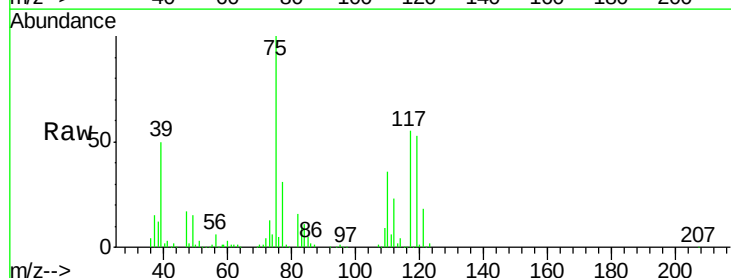
Manual Integrations
APPROVED

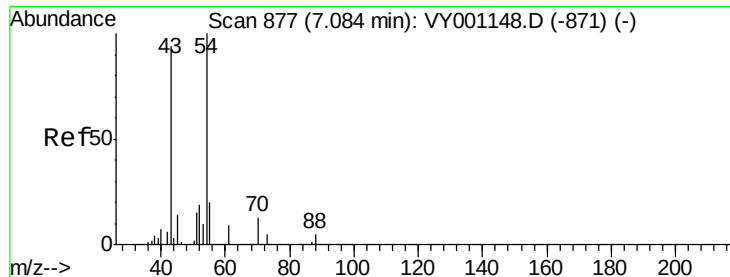
MMDadoda
1/16/2020 9:36:35 AM



#36
1,1-Dichloropropene
Concen: 49.700 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	174987		
110	35.8	18.3	54.8	
77	31.1	25.1	37.7	





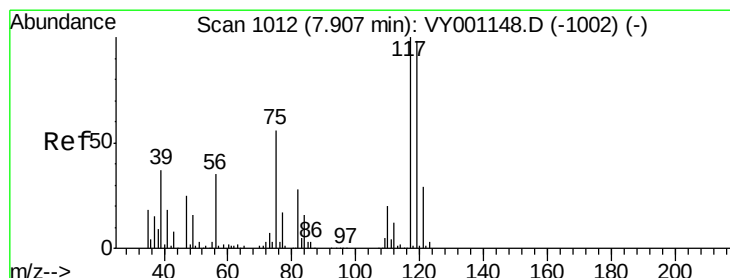
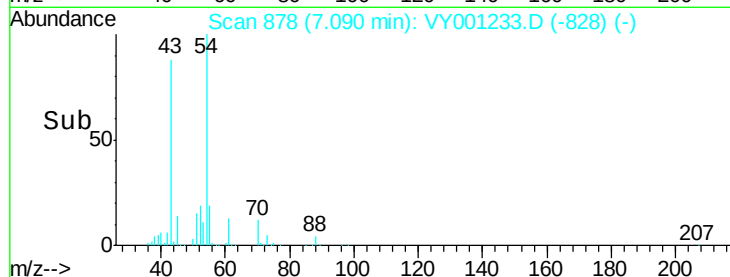
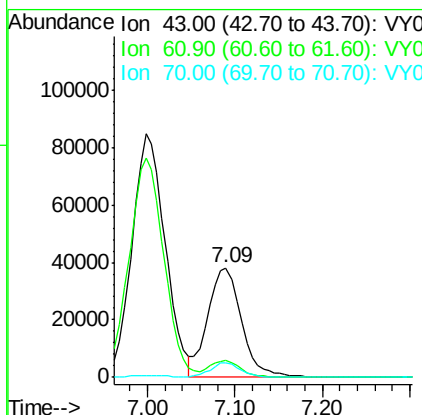
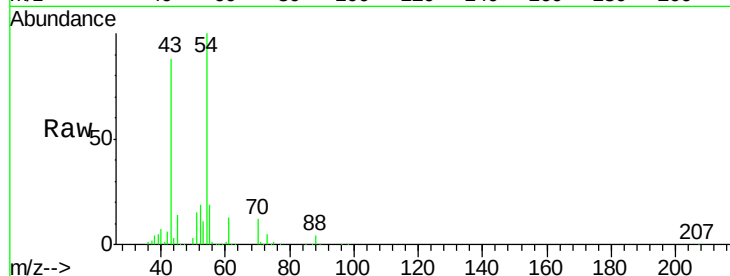
#37
Ethyl Acetate
Concen: 49.364 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	12.4	9.7	14.5

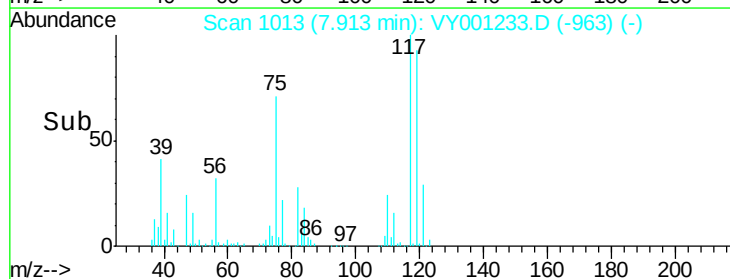
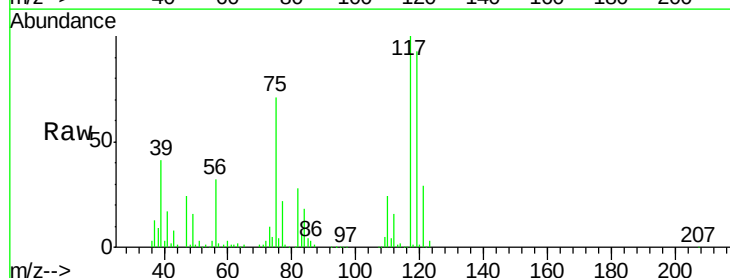
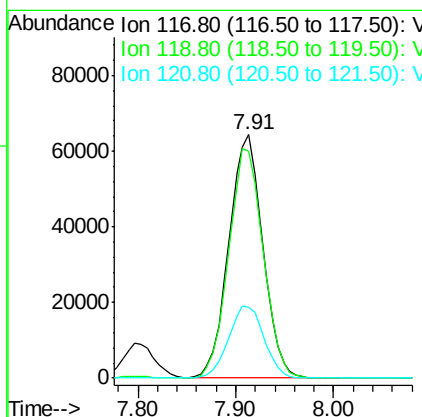
Manual Integrations
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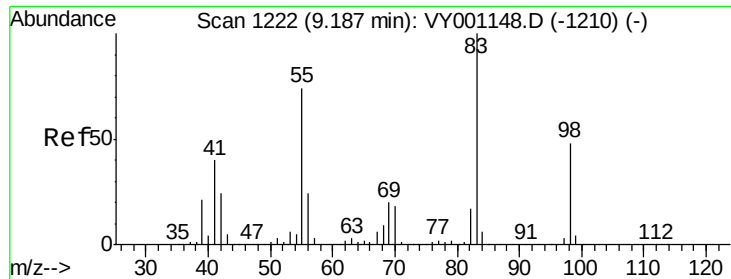
MMDadoda
1/16/2020 9:36:35 AM



#38
Carbon Tetrachloride
Concen: 48.026 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.3	117.5
121	29.0	23.5	35.3





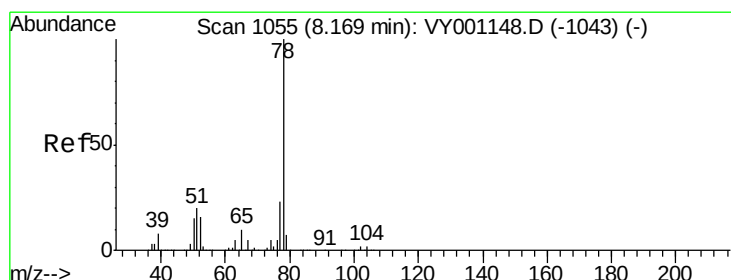
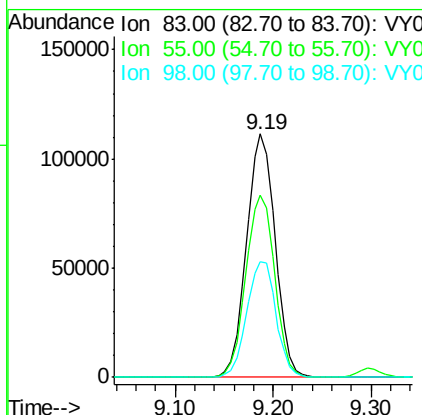
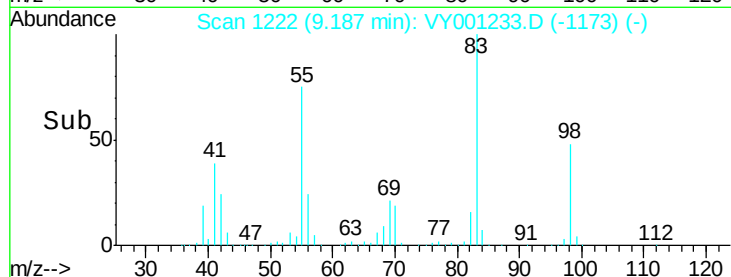
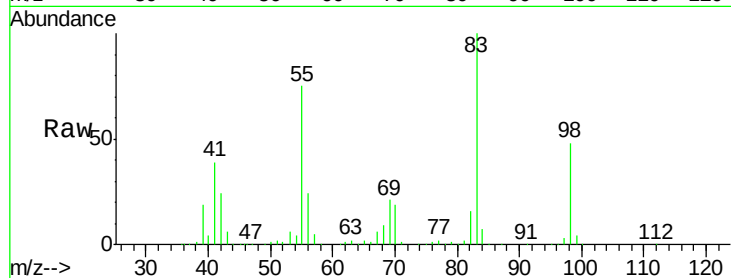
#39
Methylvlcyclohexane
Concen: 47.646 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	58.9	88.3
98	47.6	38.4	57.6

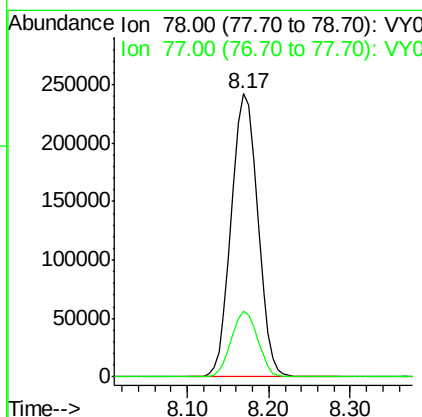
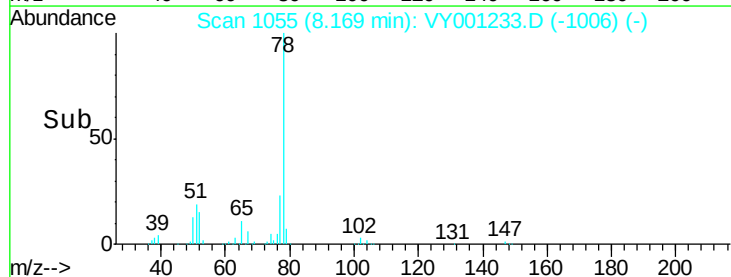
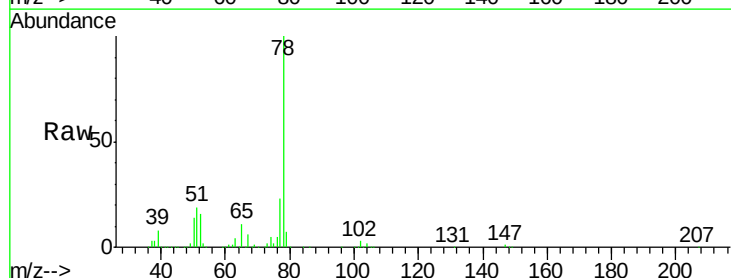
Manual Integrations
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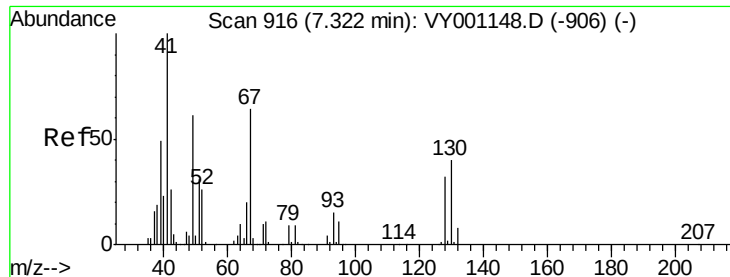
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#40
Benzene
Concen: 52.929 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





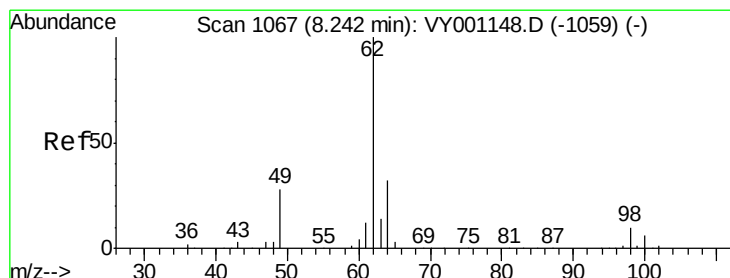
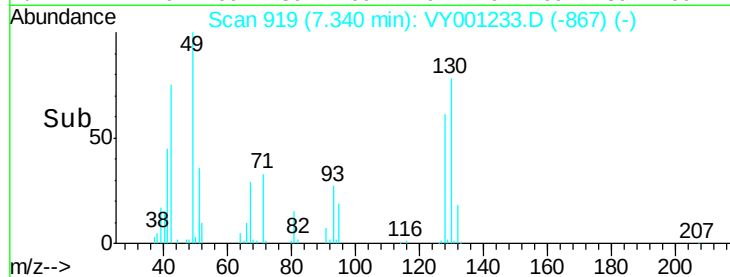
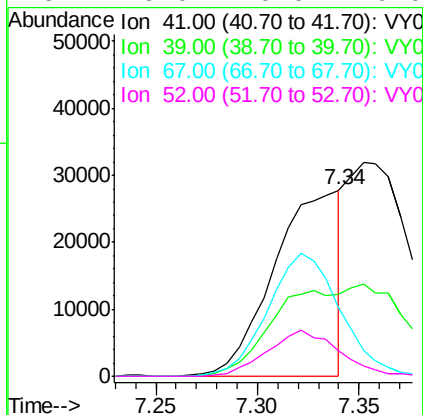
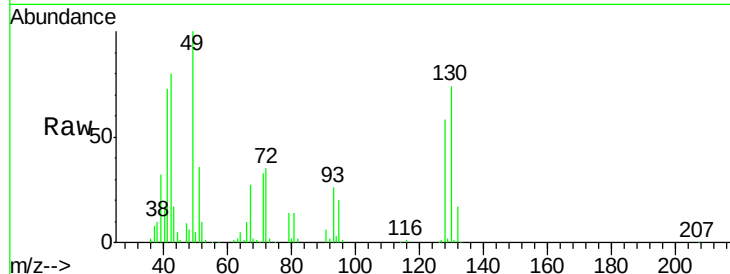
#41
Methacrylonitrile
Concen: 65.356 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.02 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	63436
Ion	Ratio	Lower	Upper
41	100		
39	0.0	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

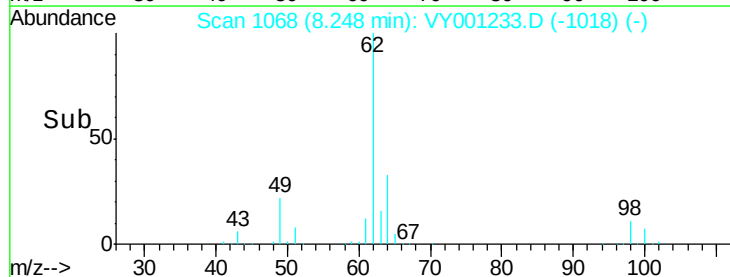
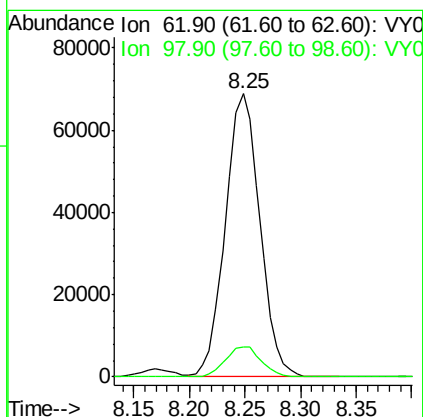
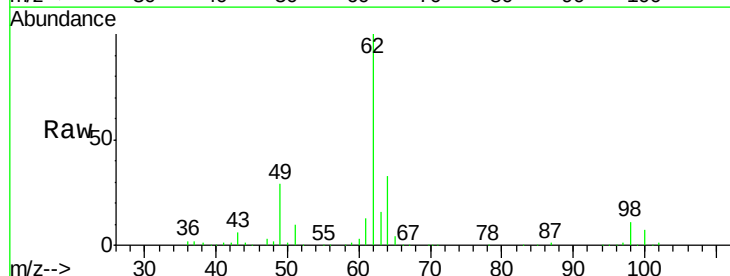
Manual Integrations
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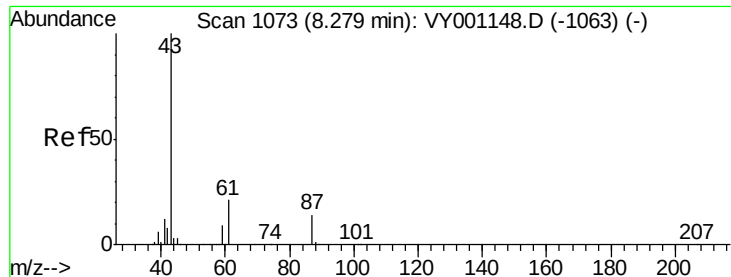
MMDadoda
1/16/2020 9:36:35 AM



#42
1,2-Dichloroethane
Concen: 51.506 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	62	Resp	148226
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 50.800 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

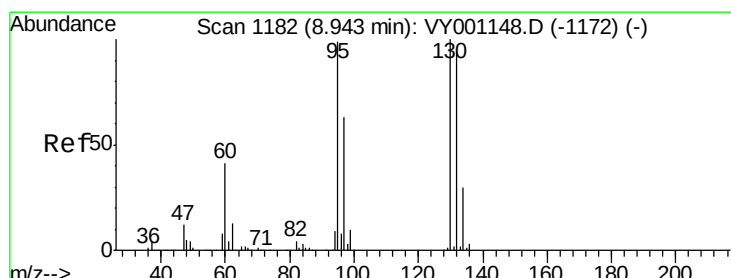
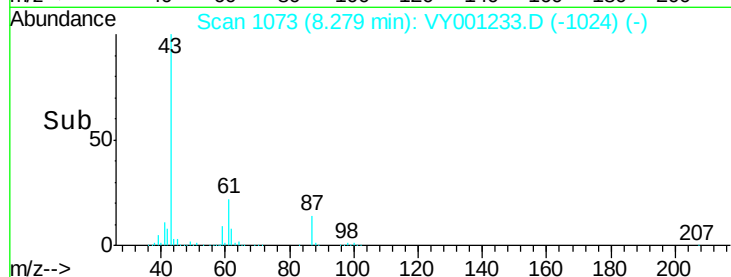
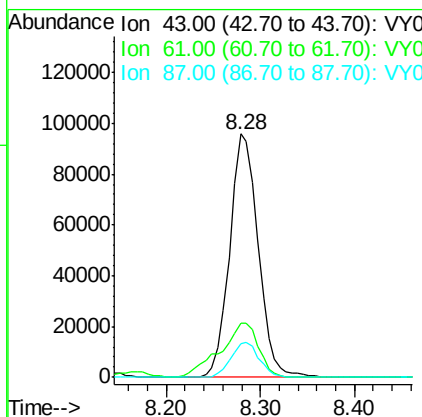
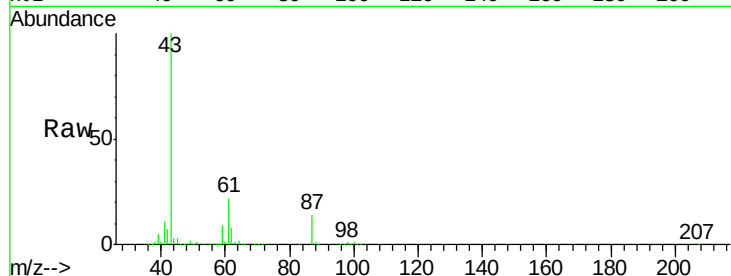
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	200721
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.9	35.9
87	14.4	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.866 ug/l

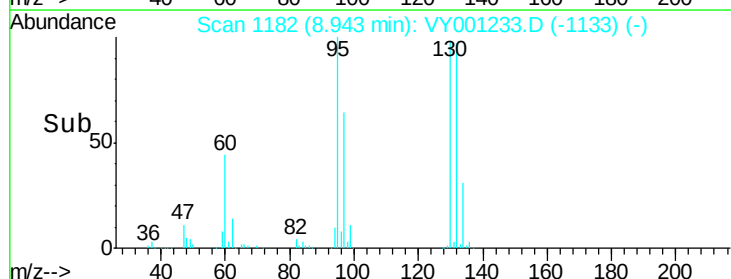
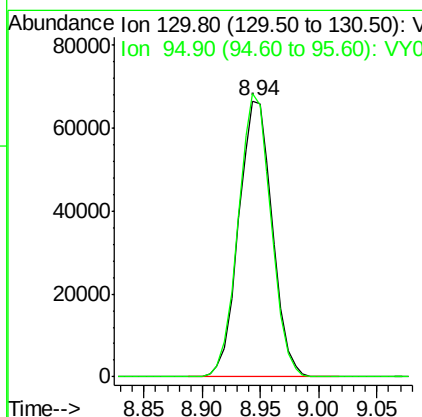
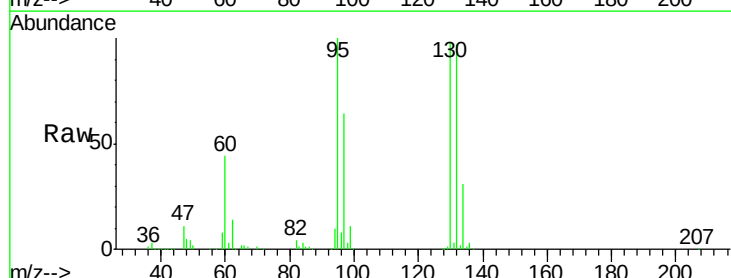
RT: 8.94 min Scan# 1182

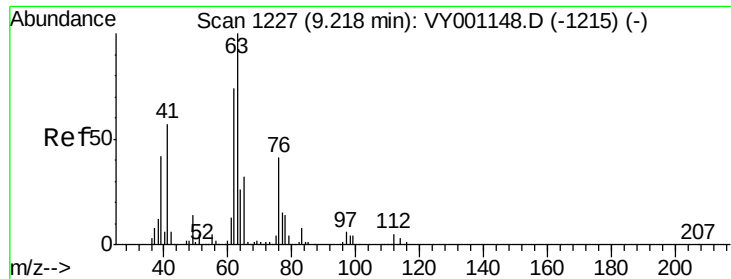
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	130	Resp:	133544
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	197.6





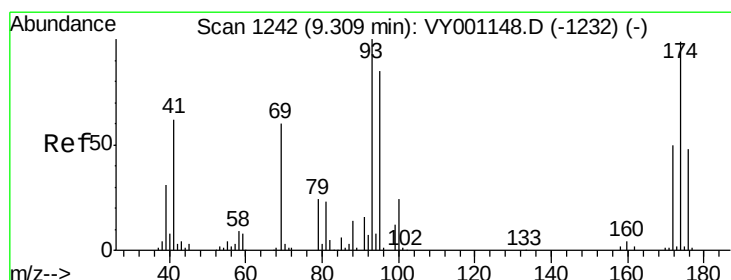
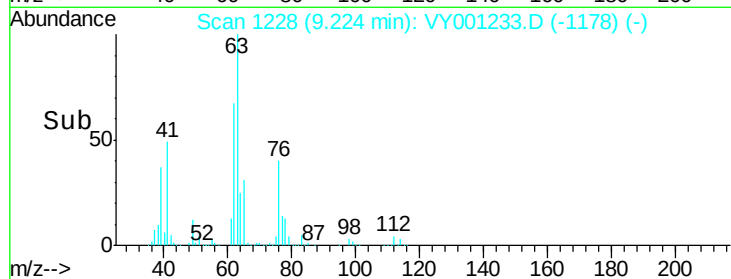
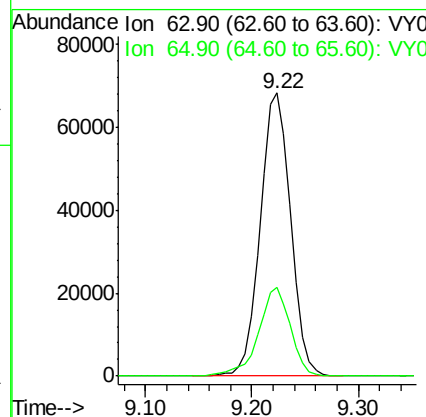
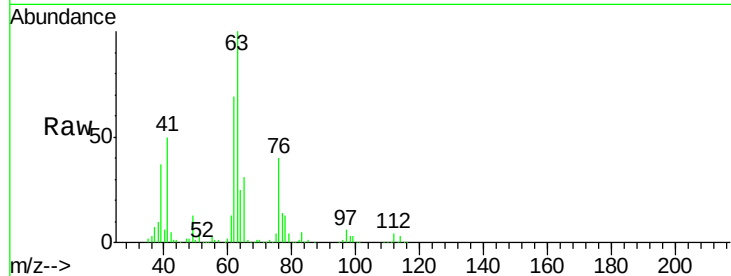
#45
 1,2-Dichloropropane
 Concen: 53.766 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.8	38.8

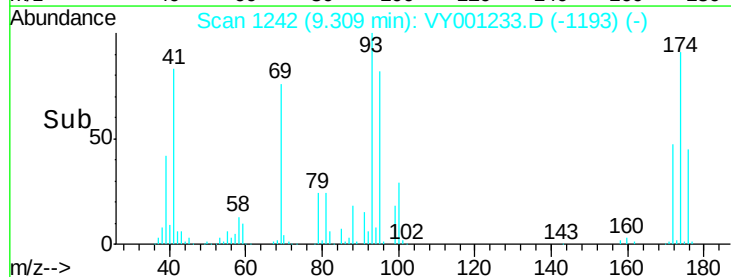
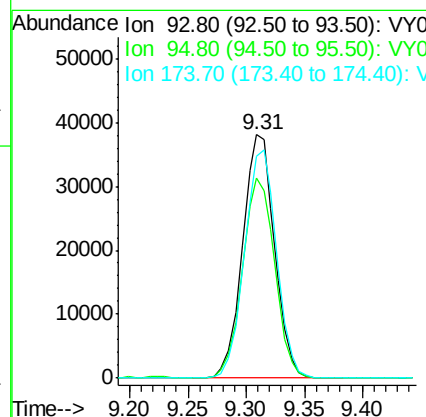
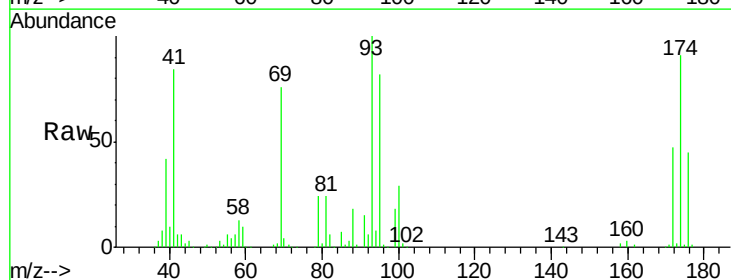
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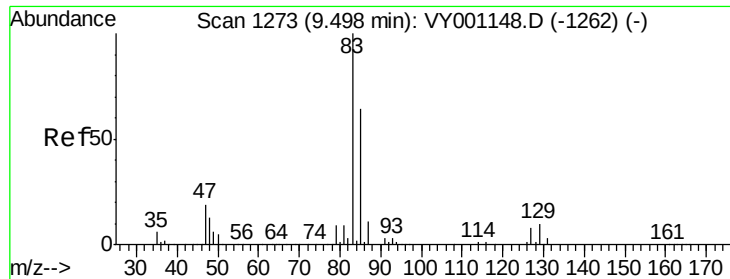
MMDadoda
 1/16/2020 9:36:35 AM



#46
 Dibromomethane
 Concen: 52.493 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.8	100.2
174	94.2	78.4	117.6





#47

Bromodichloromethane

Concen: 51.730 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

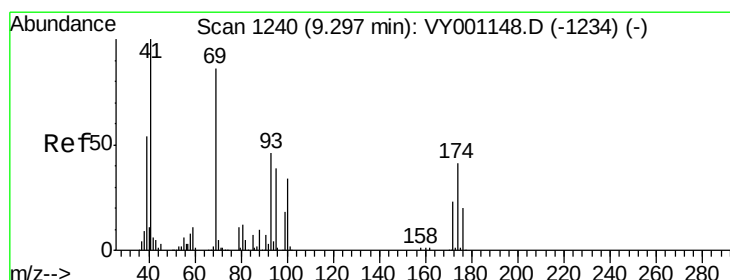
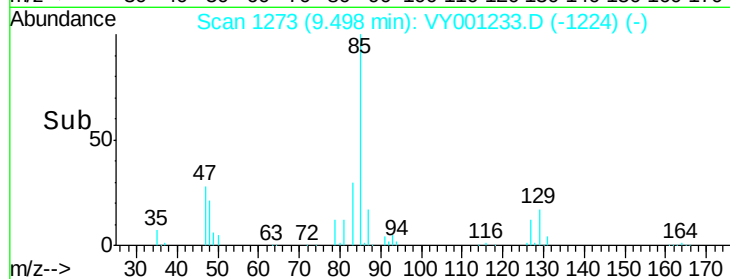
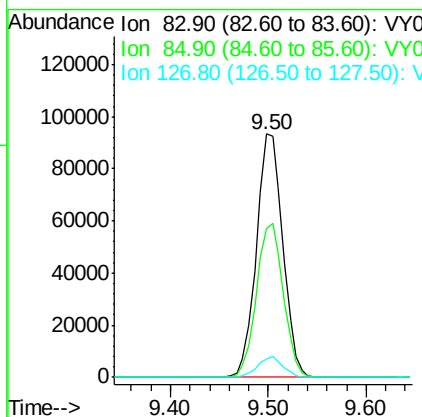
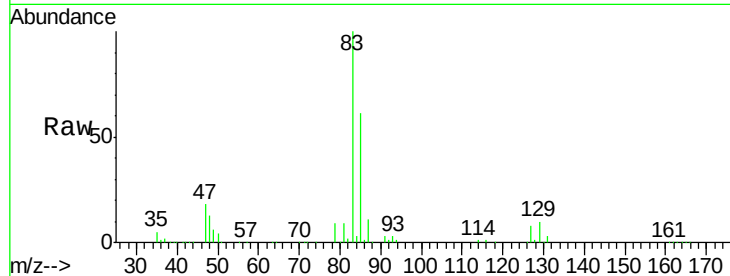
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	174774
Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.5	77.3
127	7.5	6.3	9.5

Manual Integrations
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MMDadoda
1/16/2020 9:36:35 AM



#48

Methyl methacrylate

Concen: 48.388 ug/l

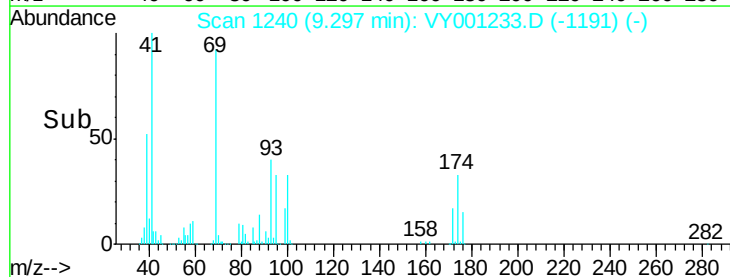
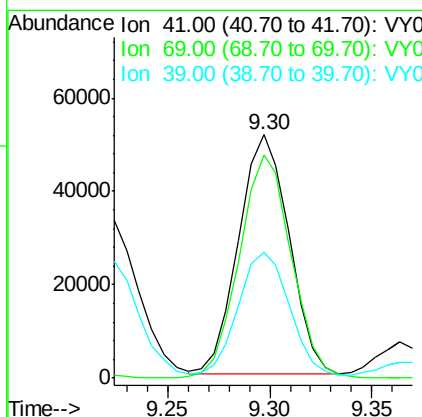
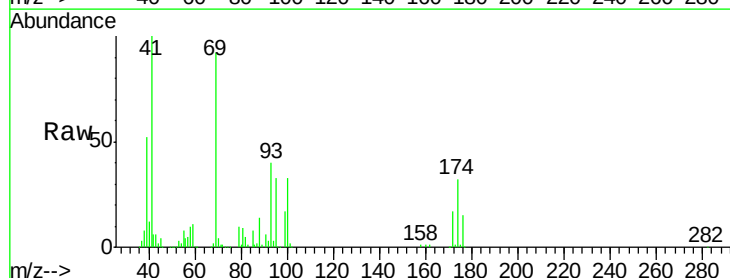
RT: 9.30 min Scan# 1240

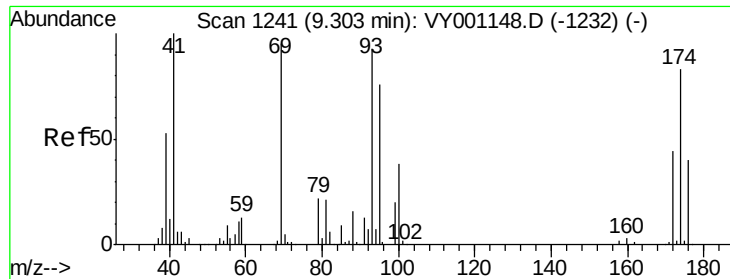
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	41	Resp:	88475
Ion	Ratio	Lower	Upper
41	100		
69	95.1	69.8	104.8
39	54.2	45.2	67.8





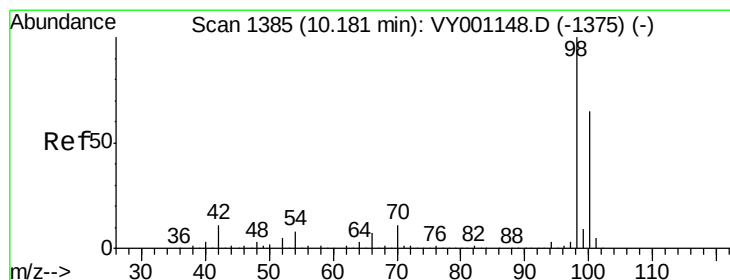
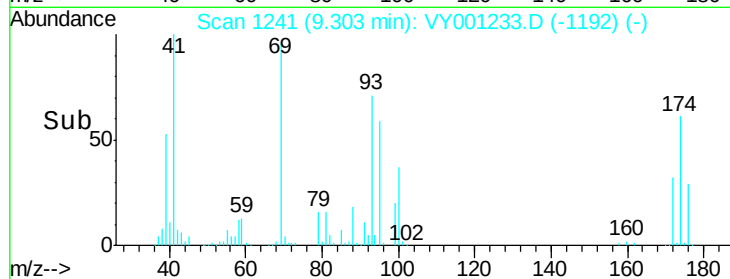
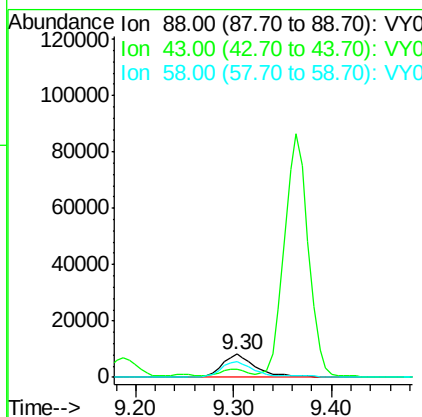
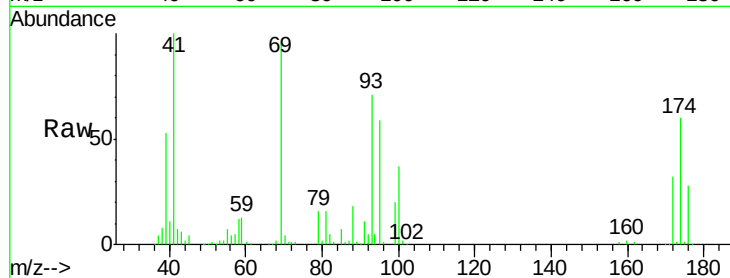
#49
 1,4-Dioxane
 Concen: 1173.726 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	19816
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.4	33.6#
58	66.1	58.0	87.0

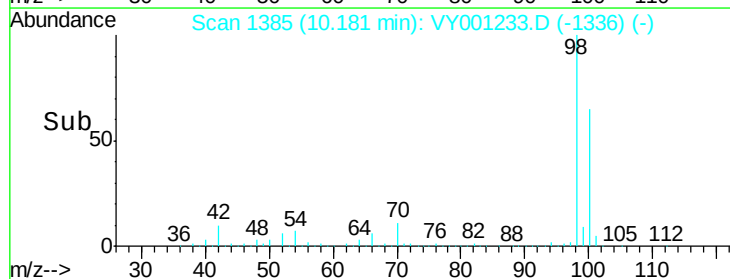
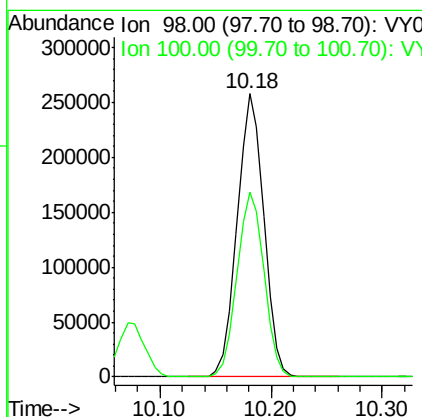
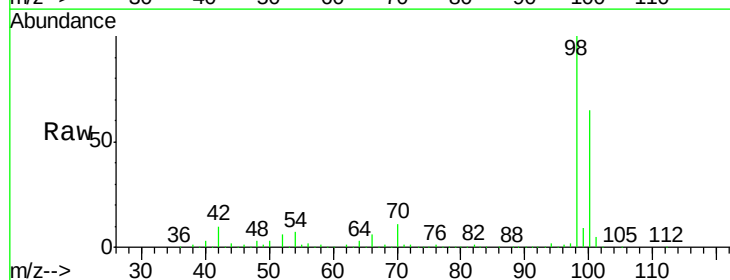
Manual Integrations
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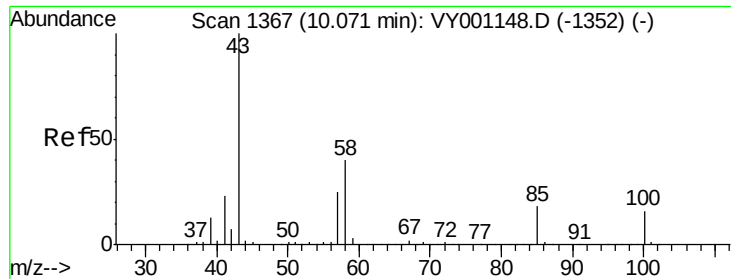
MMDadoda
 1/16/2020 9:36:35 AM



#50
 Toluene-d8
 Concen: 49.003 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	98	Resp	427055
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 246.315 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 493832

Ion Ratio Lower Upper

43 100

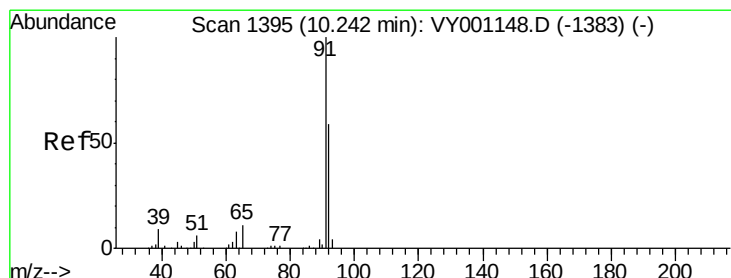
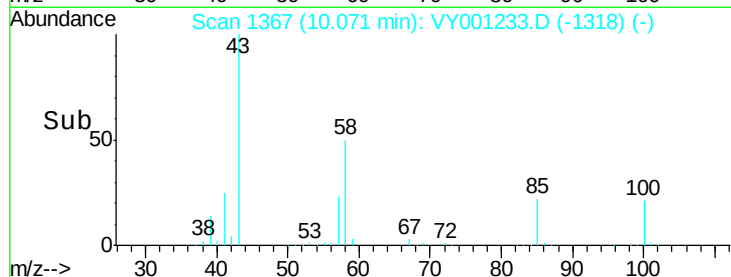
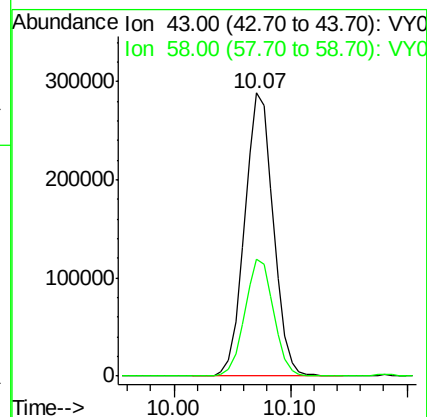
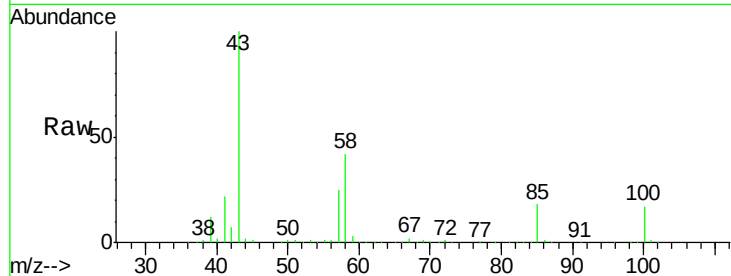
58 41.7 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 51.460 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY001233.D

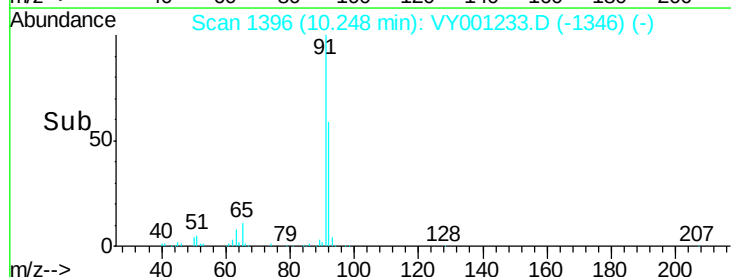
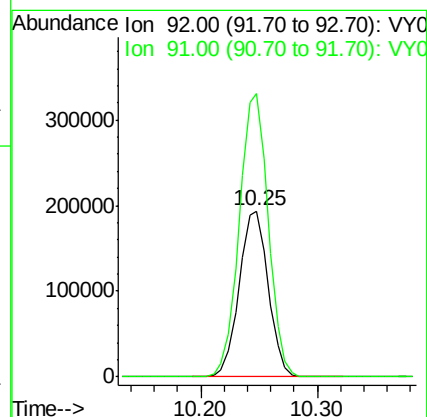
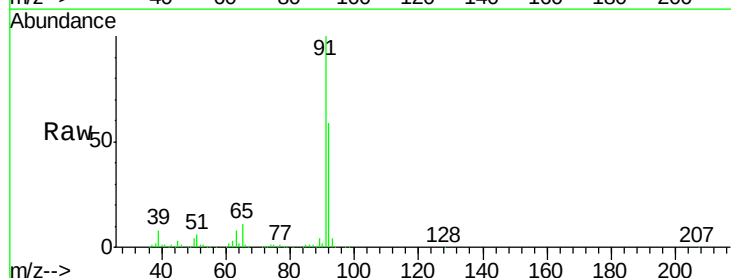
Acq: 15 Jan 2020 20:49

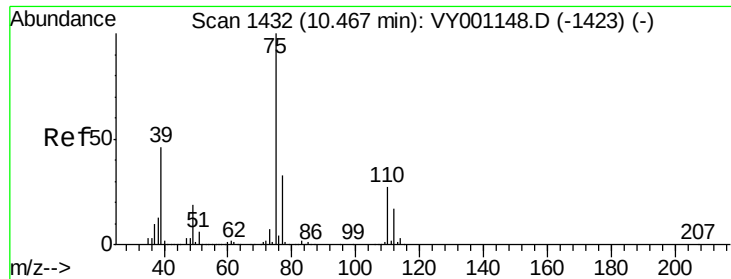
Tgt Ion: 92 Resp: 337329

Ion Ratio Lower Upper

92 100

91 169.8 136.6 204.8





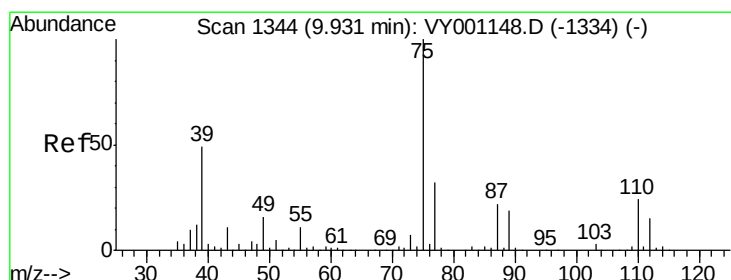
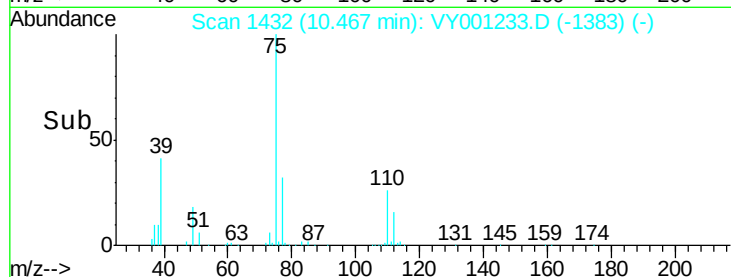
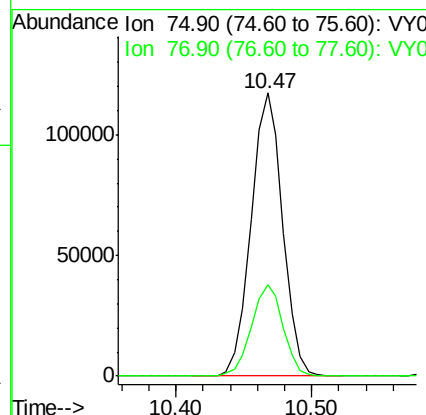
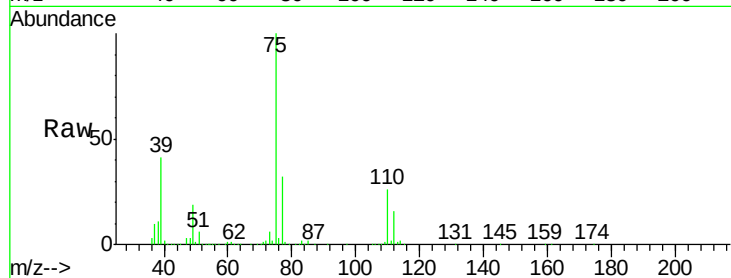
#53
t-1,3-Dichloropropene
Concen: 50.305 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.2

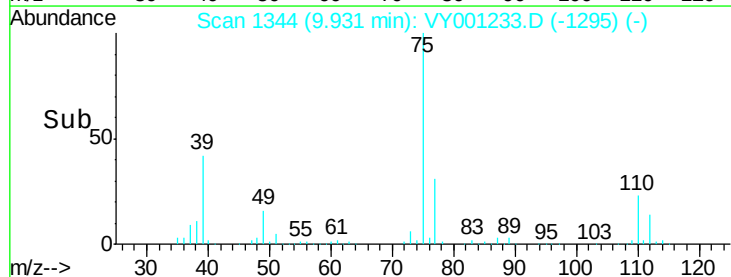
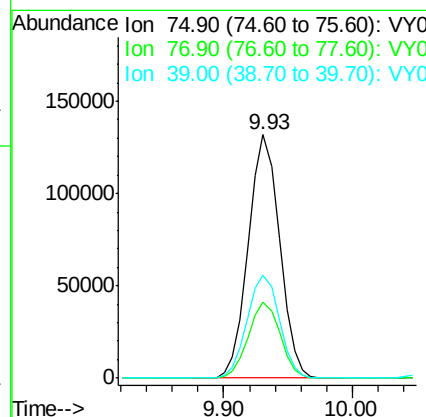
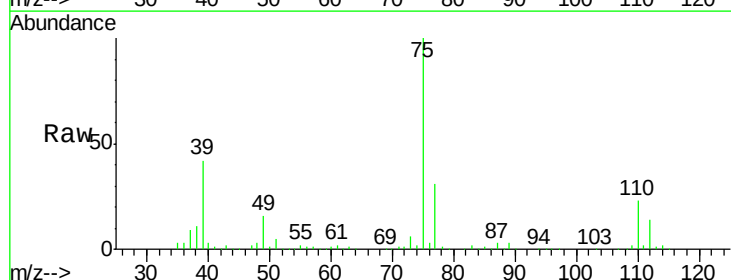
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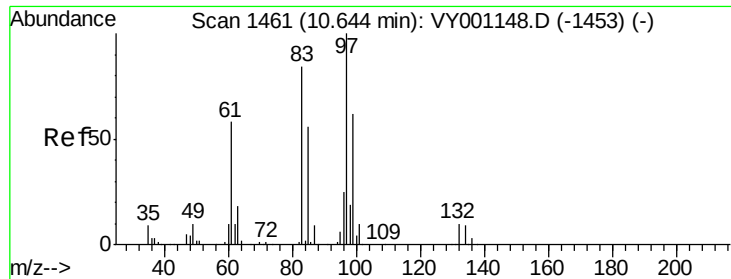
MMDadoda
1/16/2020 9:36:35 AM



#54
cis-1,3-Dichloropropene
Concen: 51.940 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	42.3	39.1	58.7





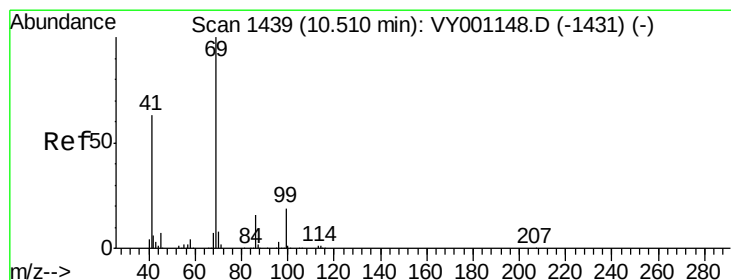
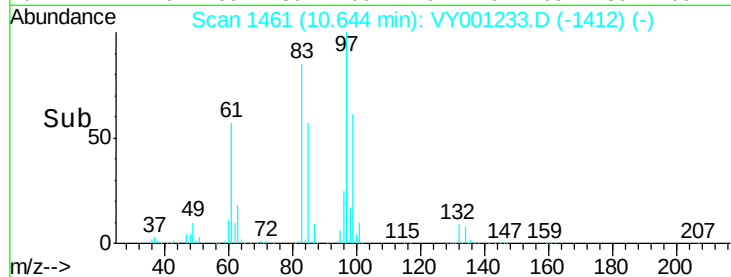
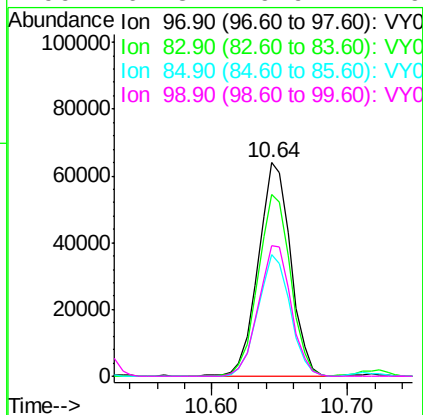
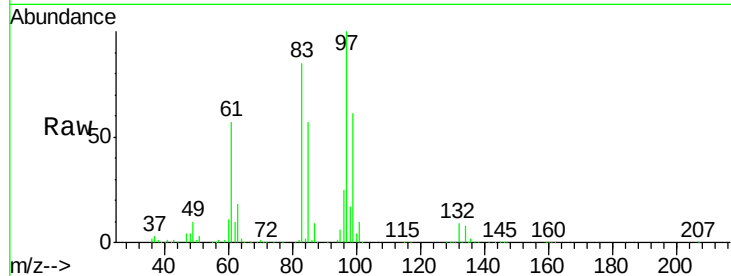
#55
 1,1,2-Trichloroethane
 Concen: 52.241 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	107368
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.2	100.8
85	57.0	44.9	67.3
99	61.3	49.9	74.9

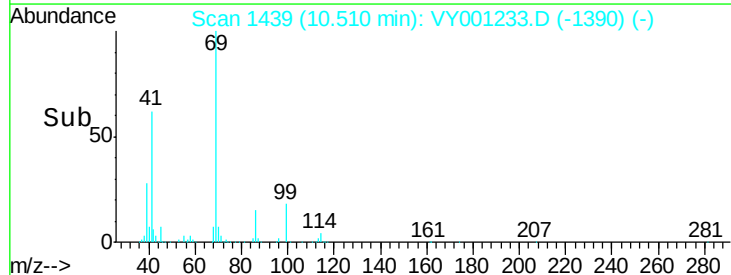
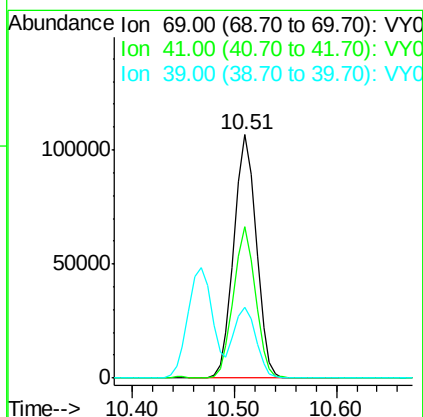
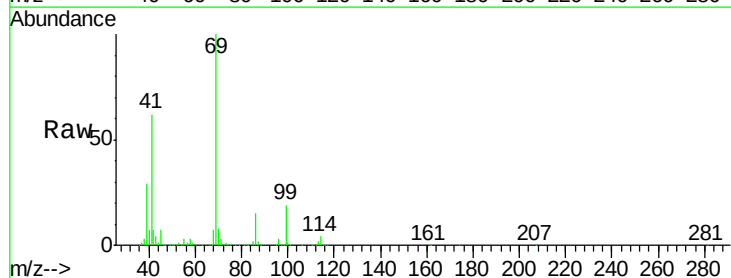
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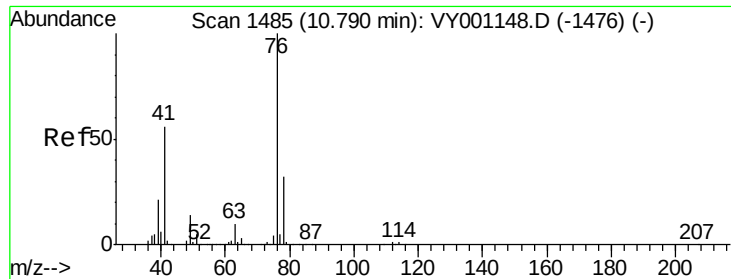
MMDadoda
 1/16/2020 9:36:35 AM



#56
 Ethyl methacrylate
 Concen: 51.540 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion:	69	Resp:	162032
Ion	Ratio	Lower	Upper
69	100		
41	60.6	51.4	77.2
39	27.8	26.3	39.5





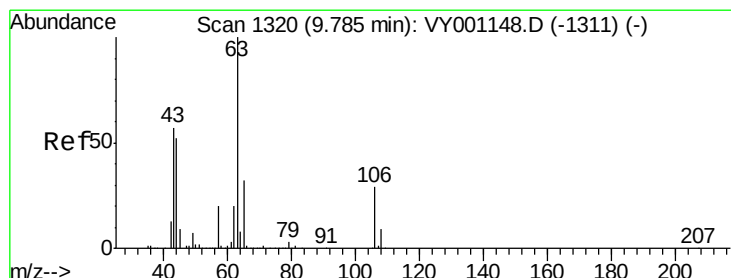
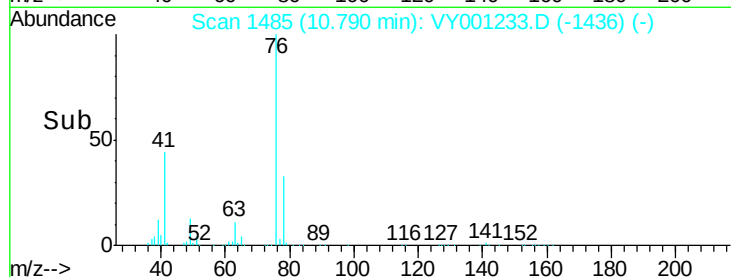
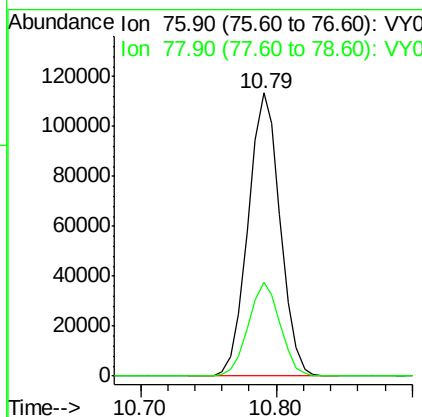
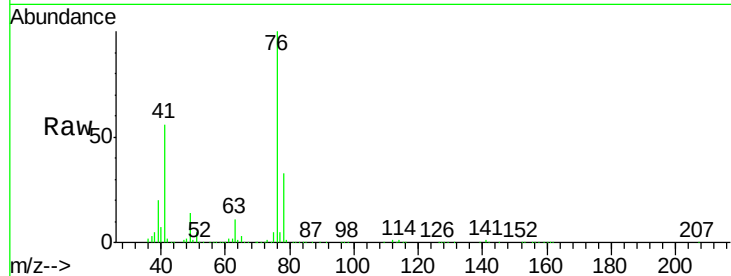
#57
 1,3-Dichloropropane
 Concen: 53.154 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.1	39.1

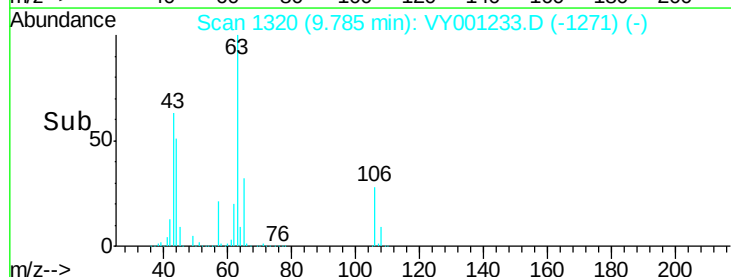
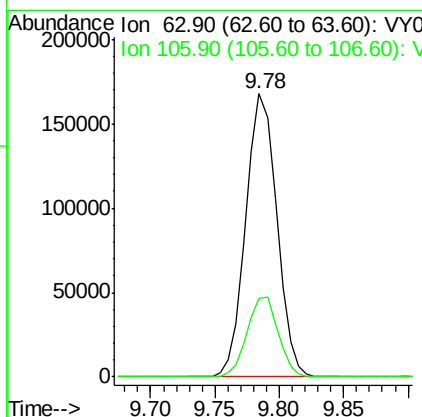
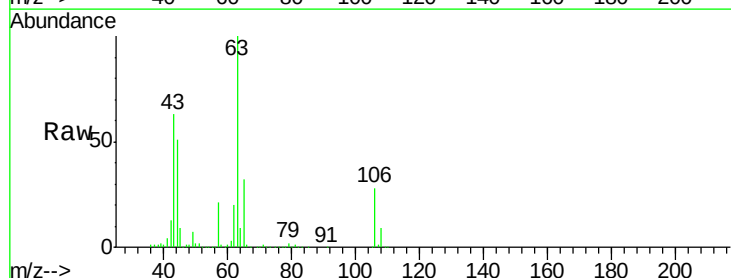
Manual Integrations
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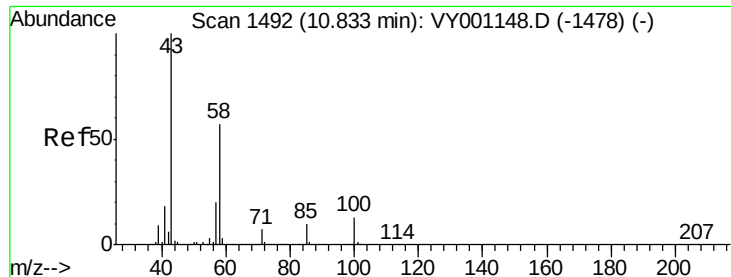
MMDadoda
 1/16/2020 9:36:35 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.018 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.0	34.6





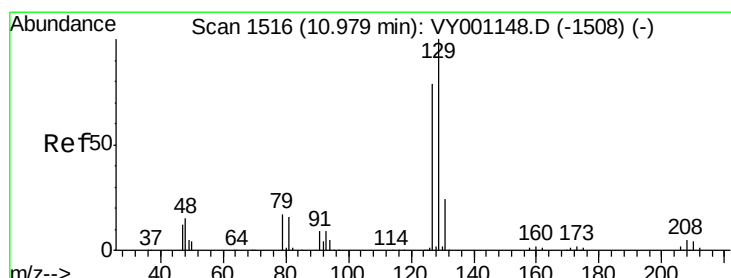
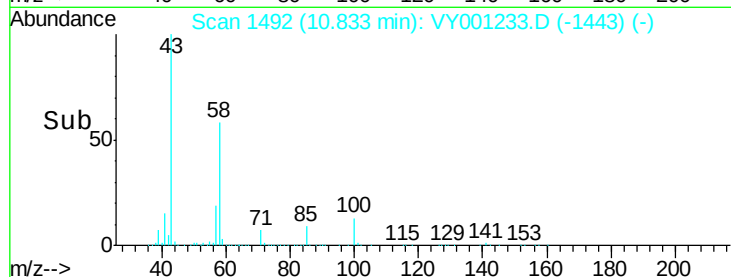
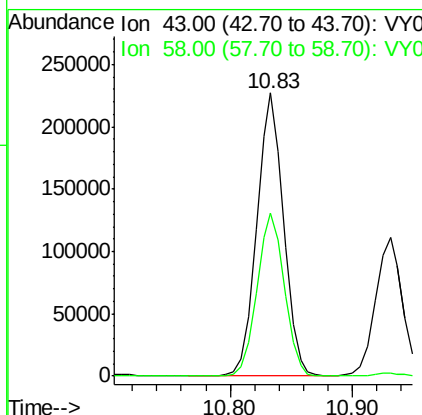
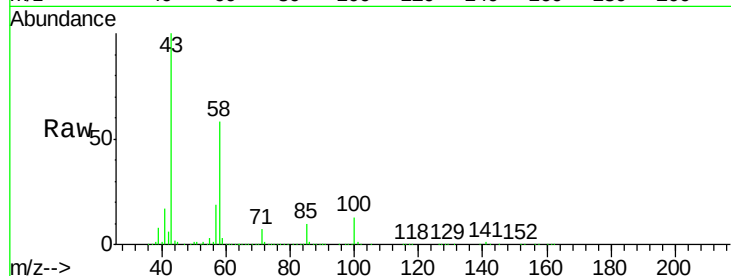
#59
2-Hexanone
Concen: 246.534 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	346401
Ion Ratio	100	Lower	Upper
43	100		
58	58.9	28.4	85.2

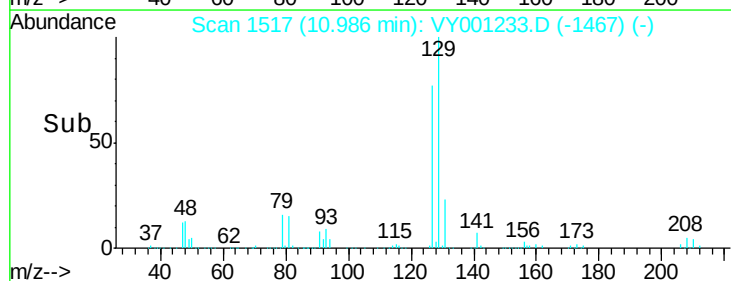
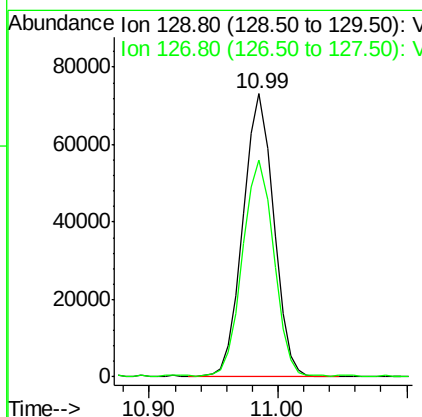
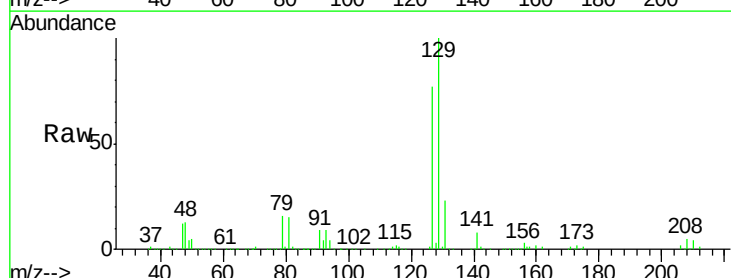
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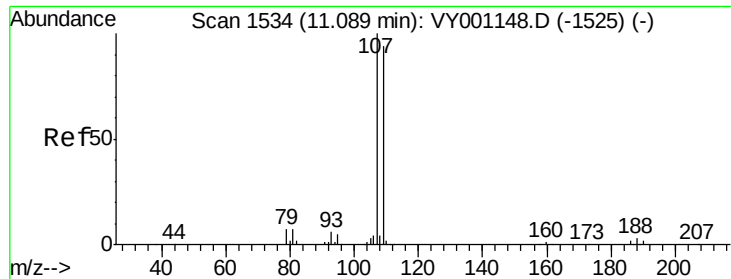
MMDadoda
1/16/2020 9:36:35 AM



#60
Dibromochloromethane
Concen: 50.802 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	129	Resp	120214
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	38.9	116.7





#61

1,2-Dibromoethane

Concen: 50.640 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 101624

Ion Ratio Lower Upper

107 100

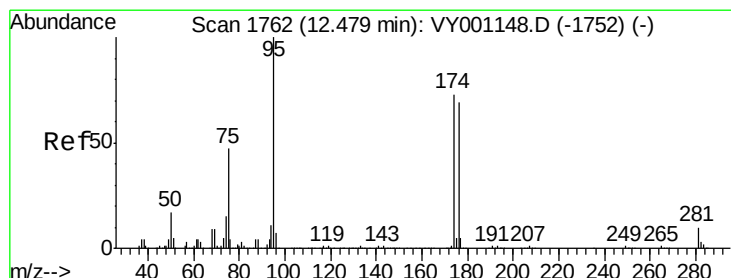
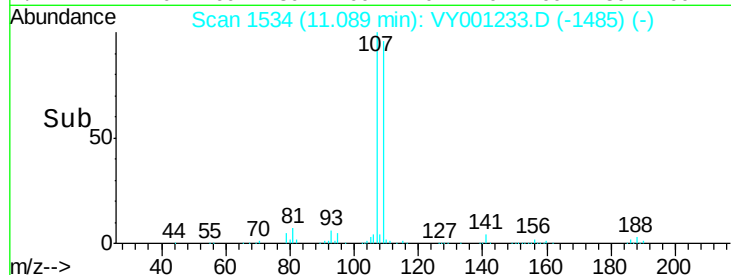
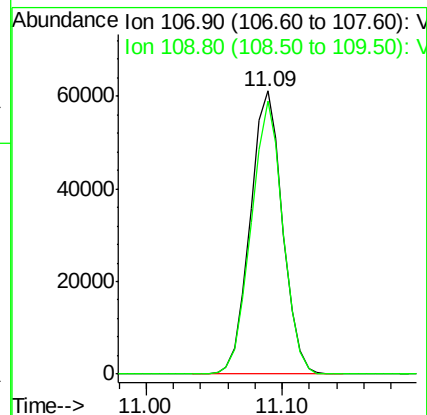
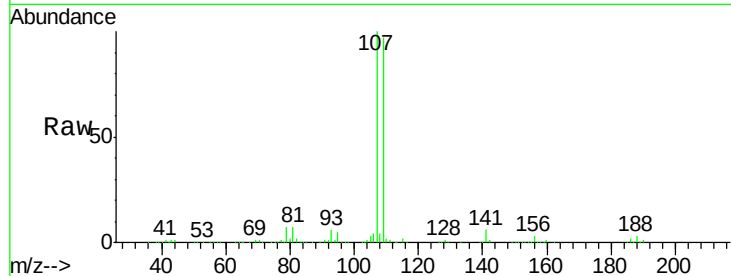
109 95.1 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.722 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

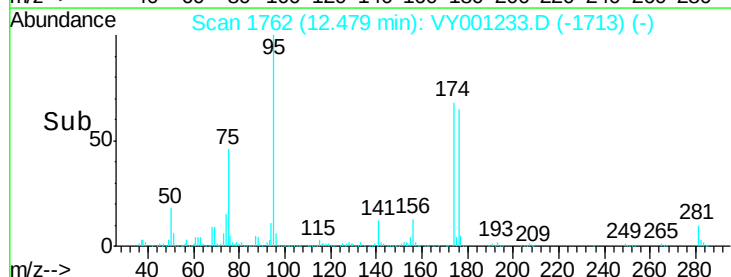
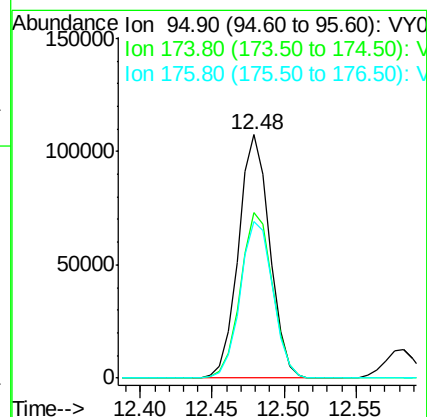
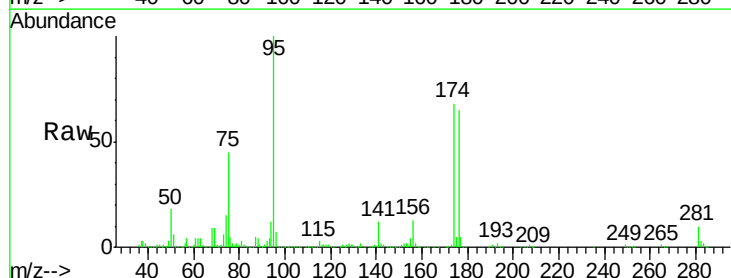
Tgt Ion: 95 Resp: 162905

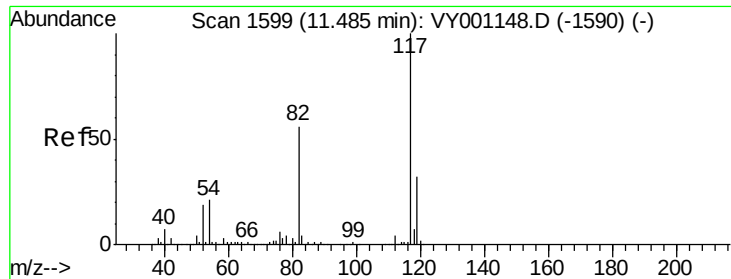
Ion Ratio Lower Upper

95 100

174 69.4 0.0 143.2

176 66.5 0.0 136.0





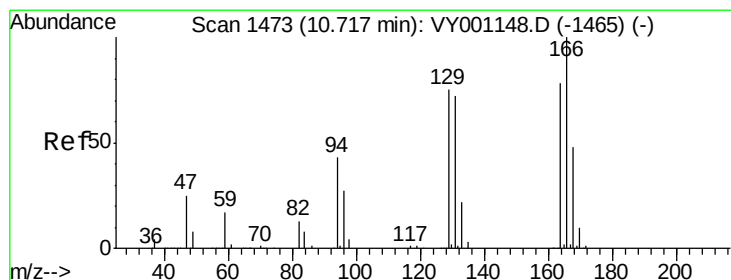
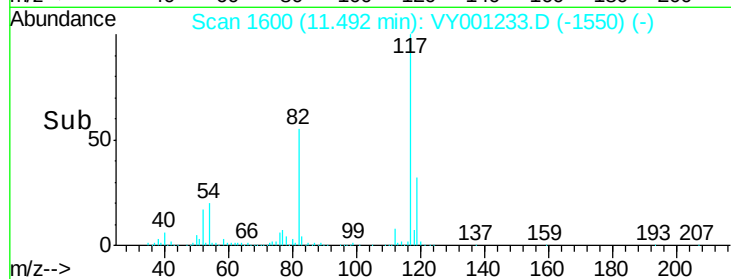
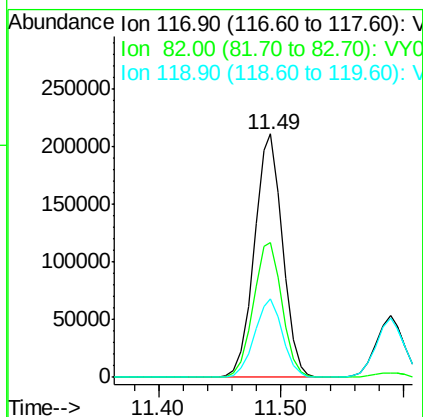
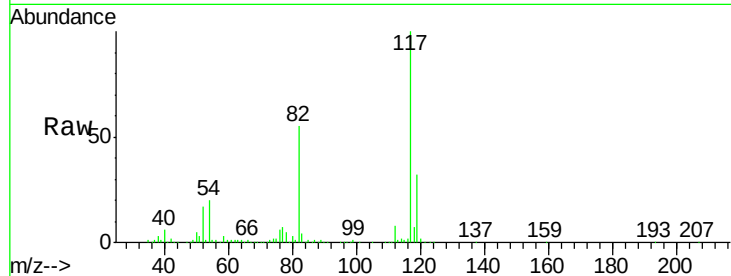
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	32.3	25.7	38.5

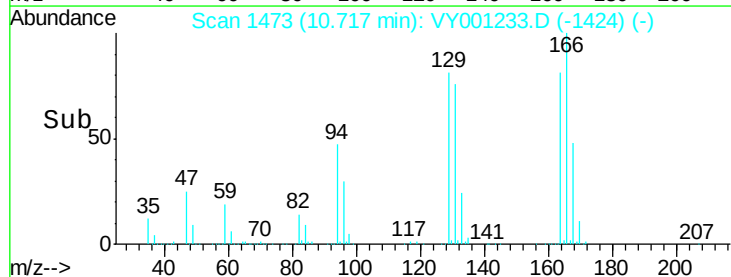
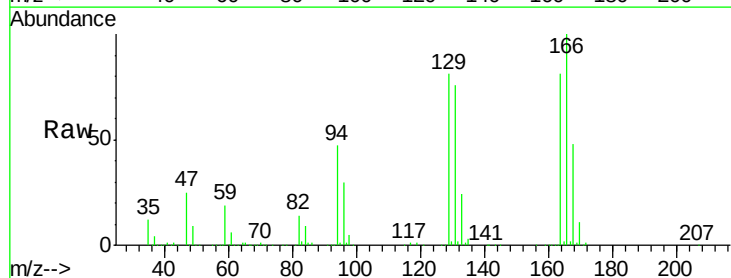
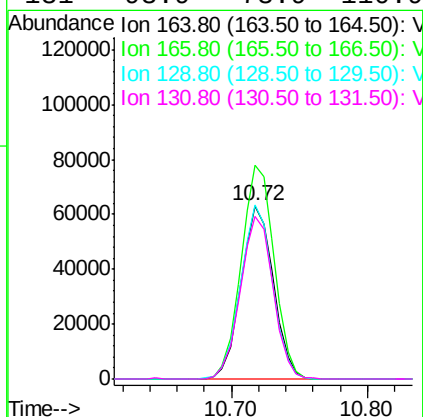
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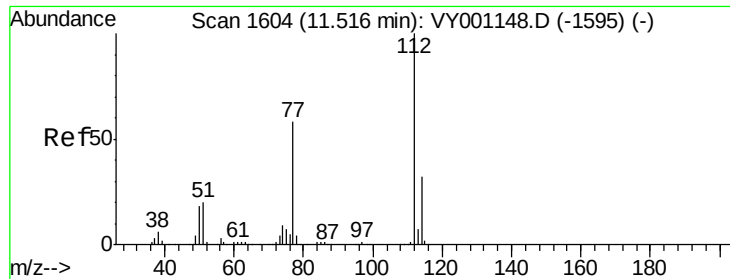
MMDadoda
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#64
Tetrachloroethene
Concen: 48.106 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.3	153.5
129	100.1	76.2	114.4
131	93.9	73.9	110.9





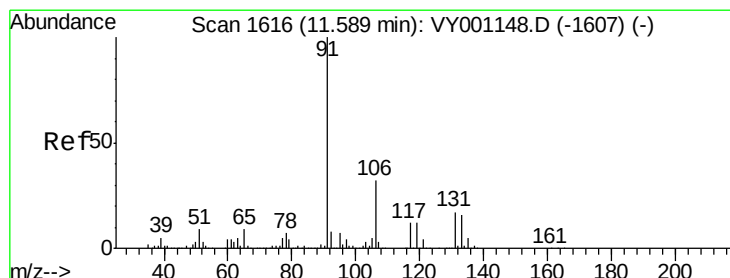
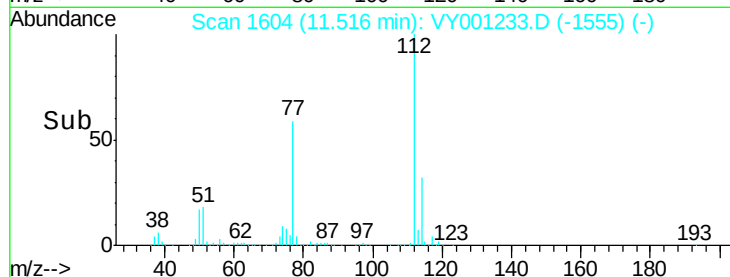
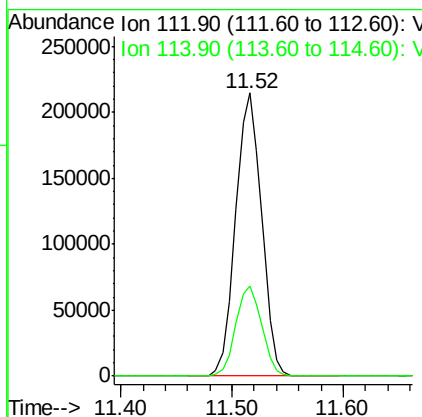
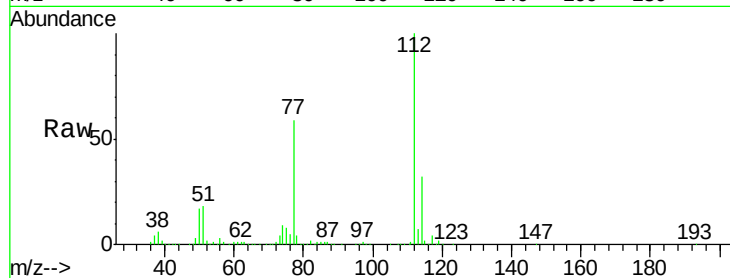
#65
Chlorobenzene
Concen: 51.204 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	345791		
114	31.7	25.9	38.9	

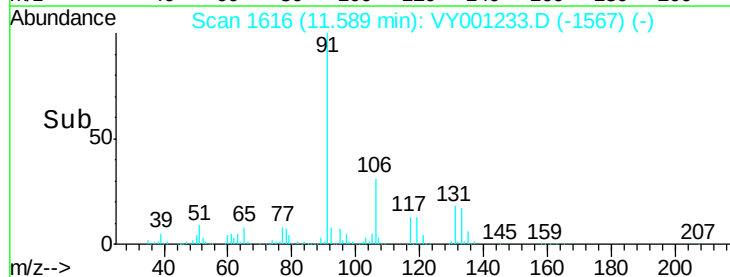
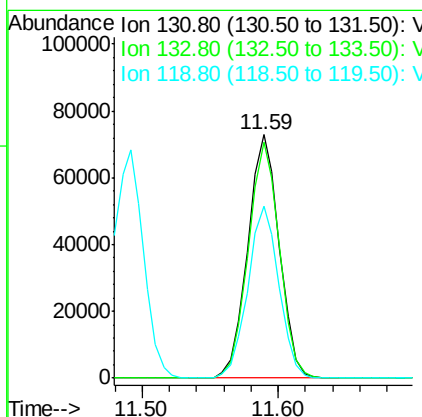
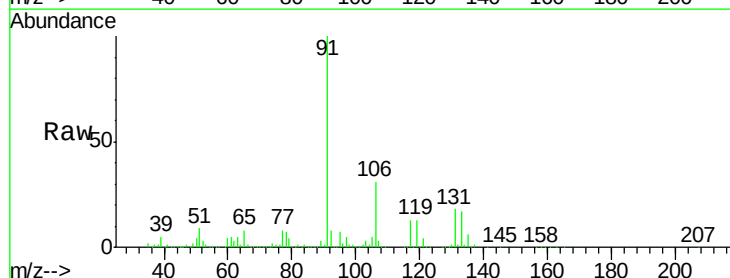
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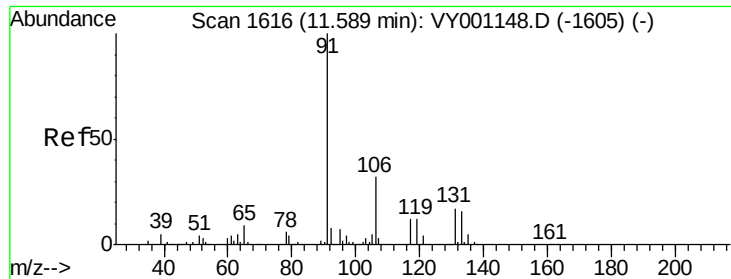
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.691 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	117985		
133	95.9	47.3	142.0	
119	69.8	33.6	100.8	





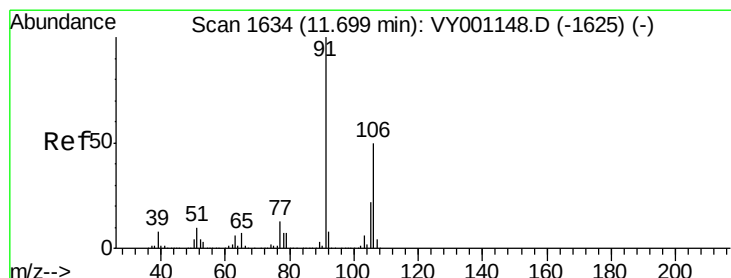
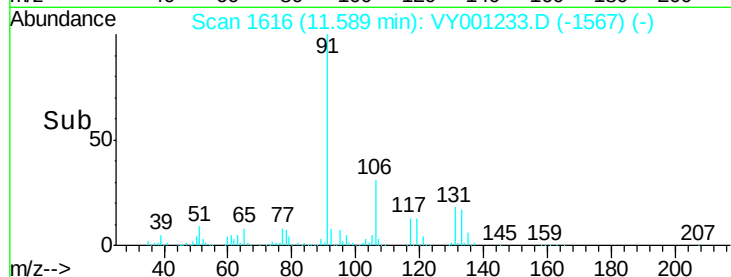
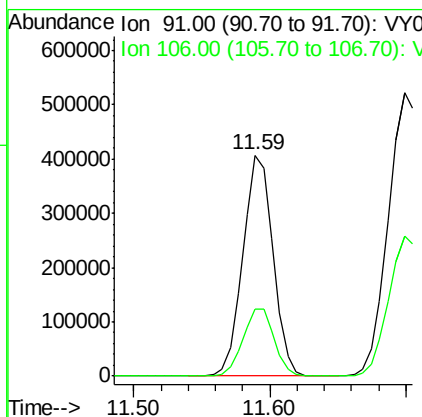
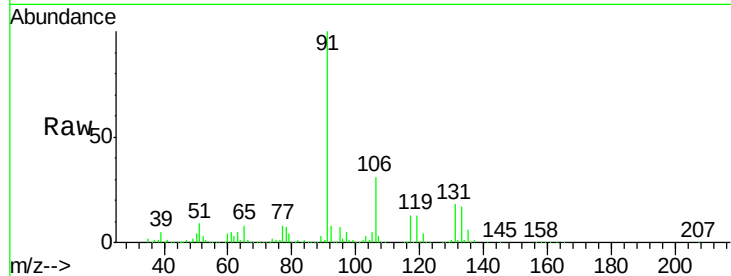
#67
Ethyl Benzene
Concen: 51.131 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 631665
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9

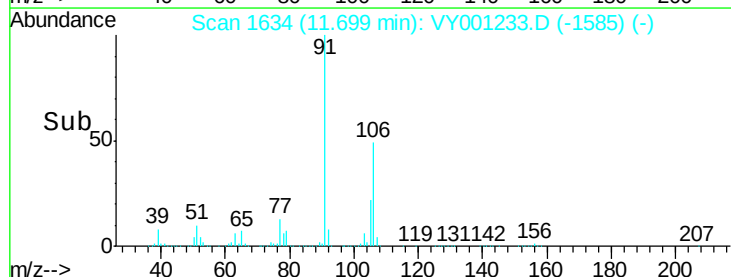
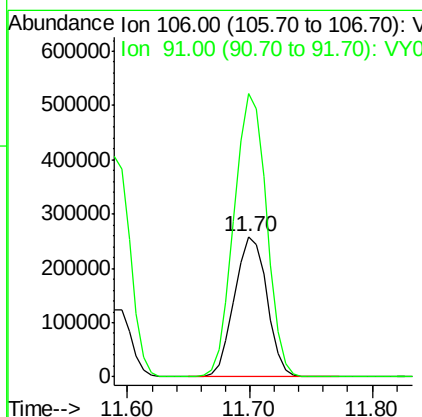
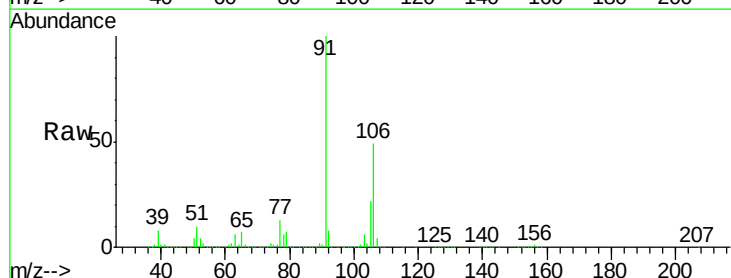
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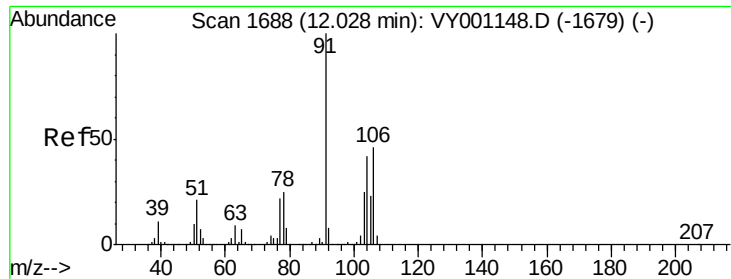
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1/16/2020 9:36:35 AM



#68
m/p-Xylenes
Concen: 102.337 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 106 Resp: 476912
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.2





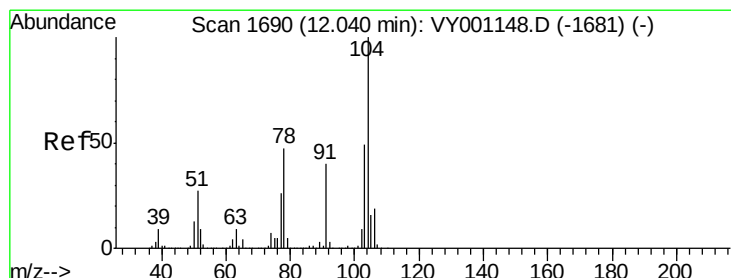
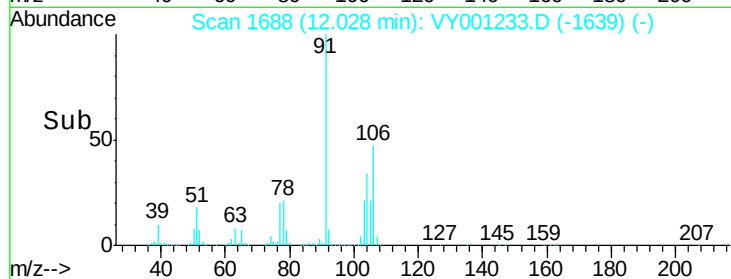
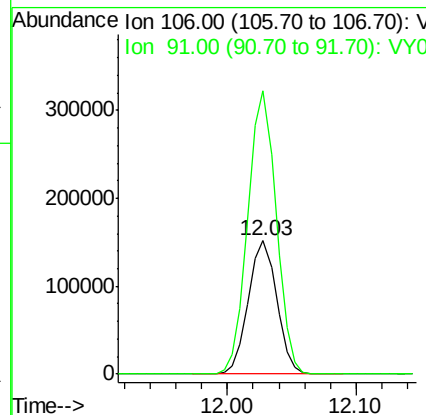
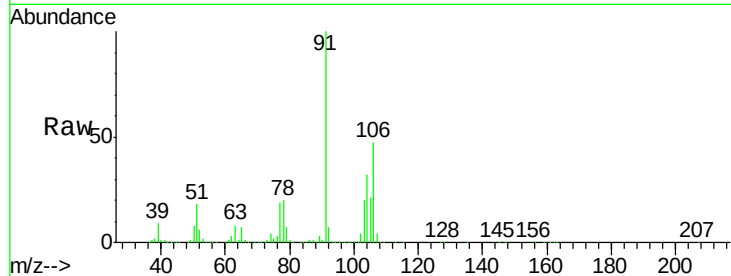
#69
o-Xylene
Concen: 51.937 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	106.3	318.8

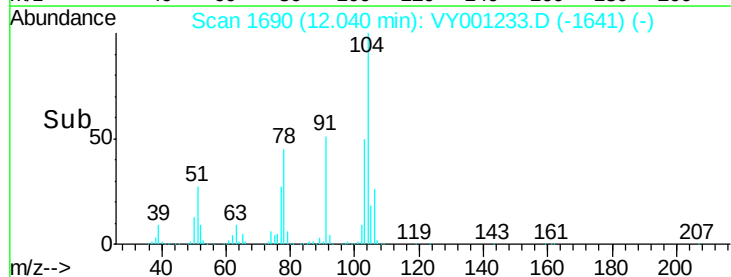
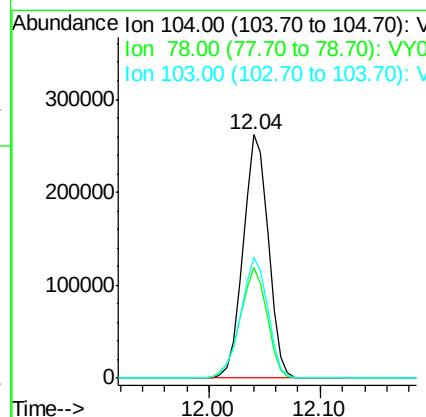
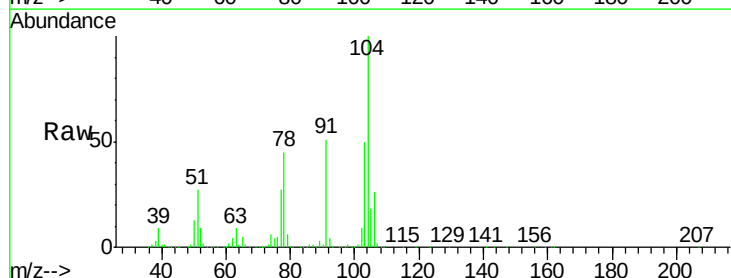
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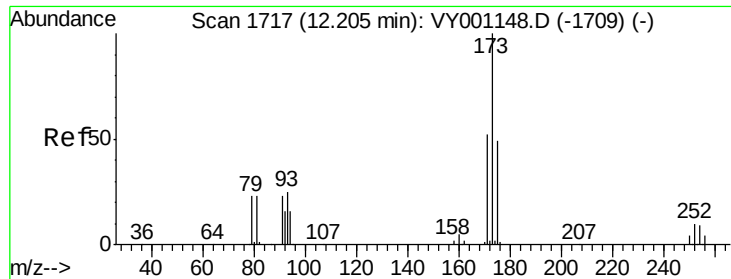
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#70
Styrene
Concen: 51.998 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	40.5	60.7
103	53.3	42.4	63.6





#71

Bromoform

Concen: 49.150 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

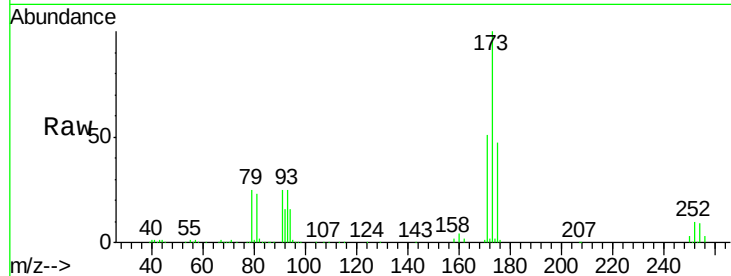
ClientSampleId :

VSTDCCC050EC

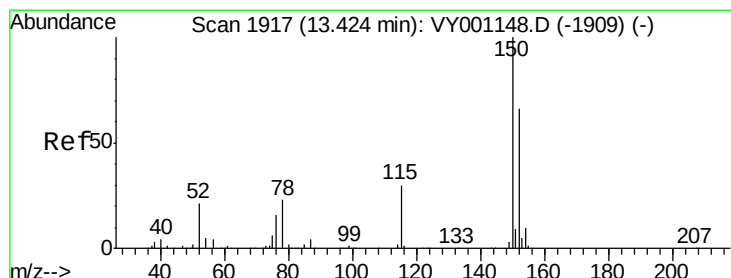
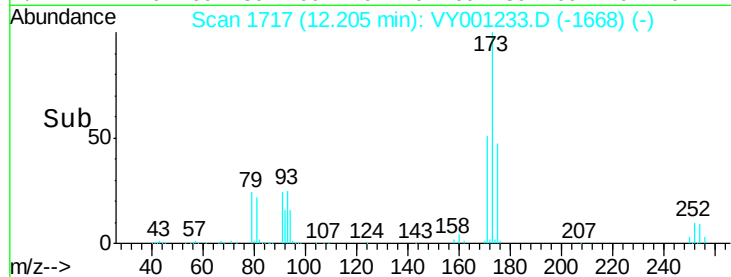
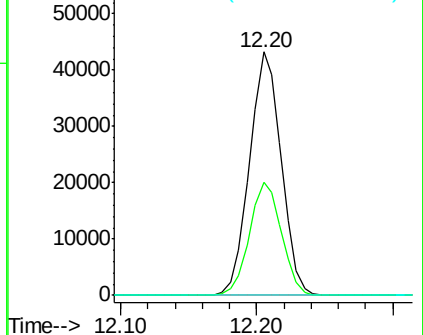
Tot Ion:	173	Resp:	70550
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.1	72.2
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

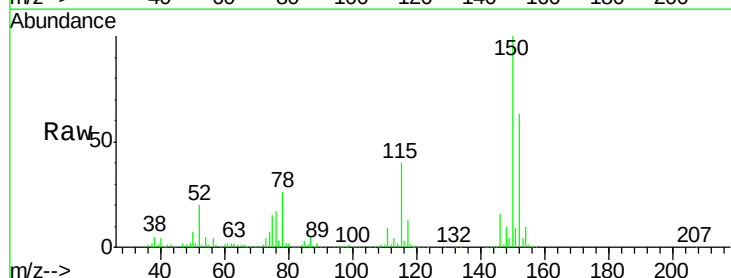
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

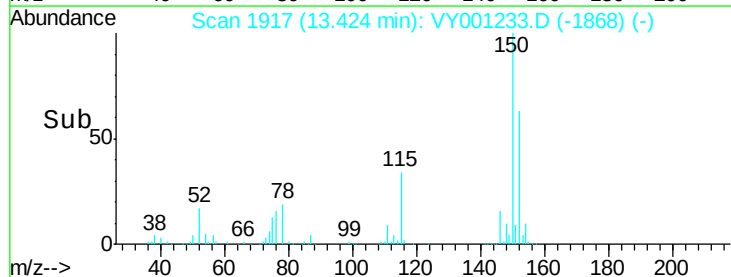
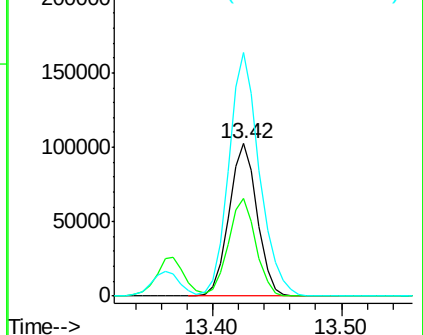
Lab File: VY001233.D

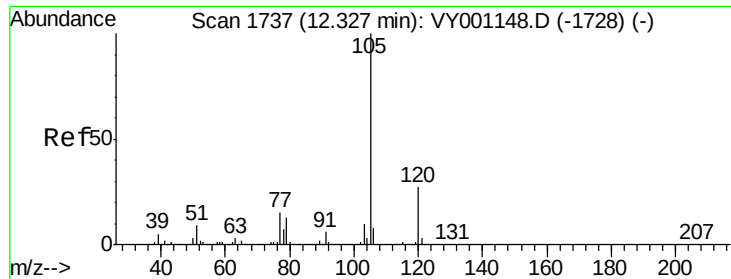
Acq: 15 Jan 2020 20:49

Tgt Ion:	152	Resp:	155796
Ion Ratio	Lower	Upper	
152	100		
115	62.6	30.9	92.5
150	173.8	0.0	346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.854 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 607327

Ion Ratio Lower Upper

105 100

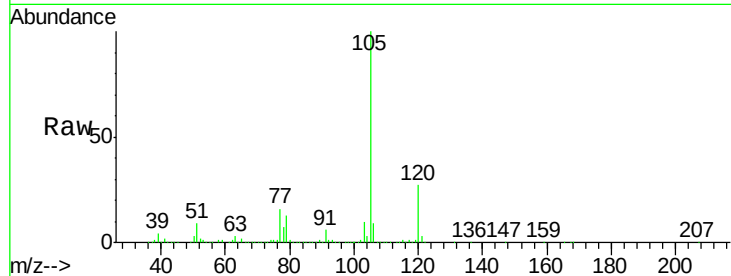
120 26.8 13.4 40.2

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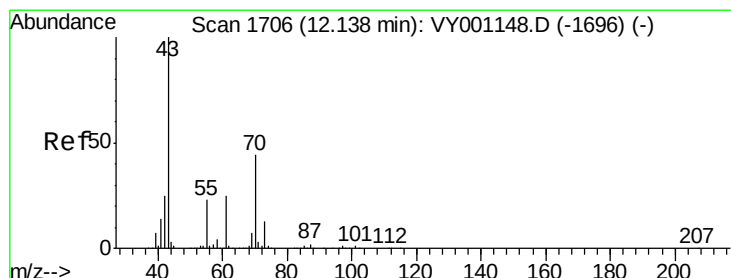
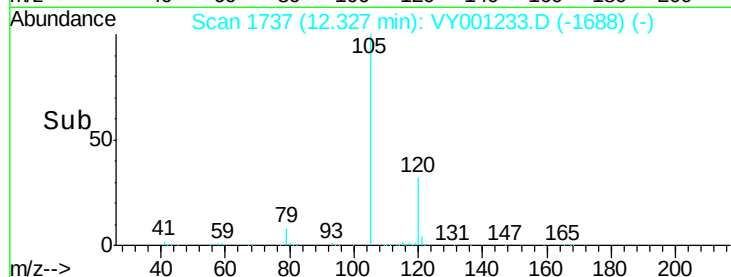
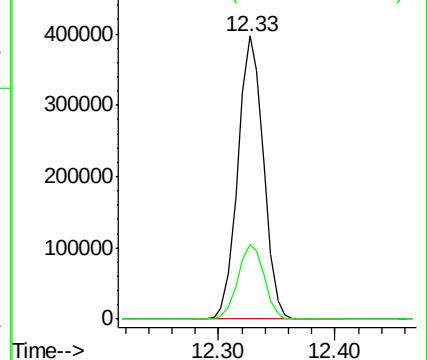
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.057 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion: 43 Resp: 182969

Ion Ratio Lower Upper

43 100

70 46.2 35.0 52.6

55 23.9 18.4 27.6

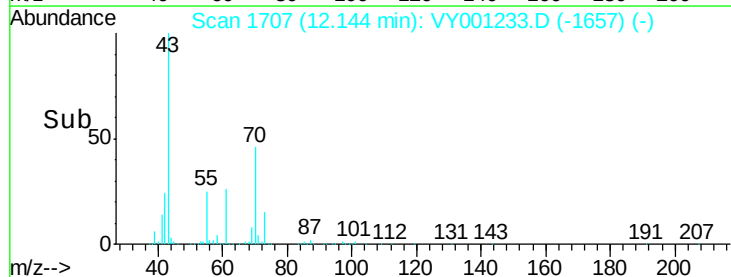
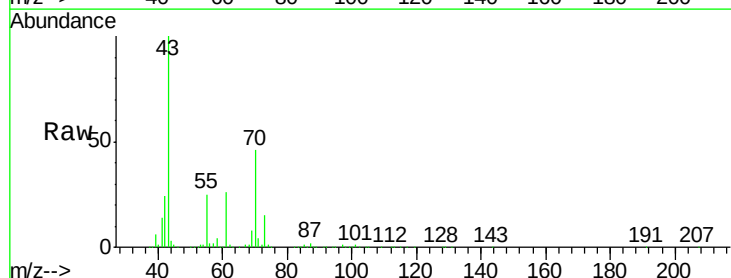
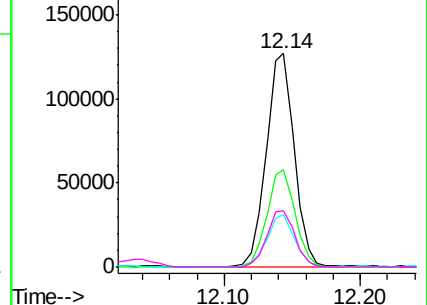
61 26.7 20.1 30.1

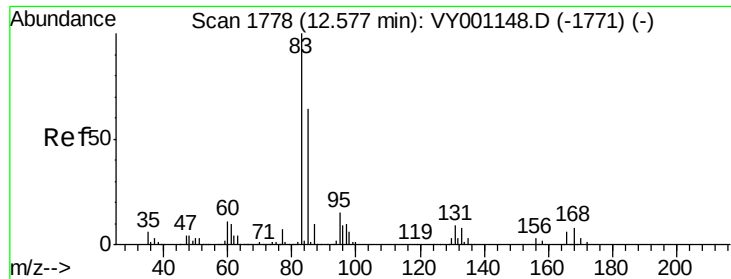
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.032 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

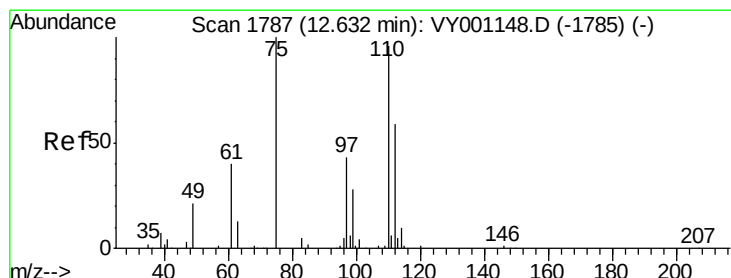
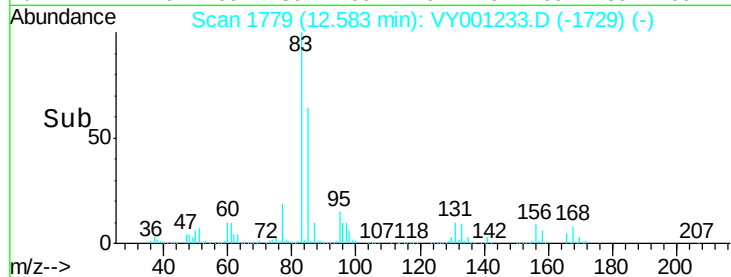
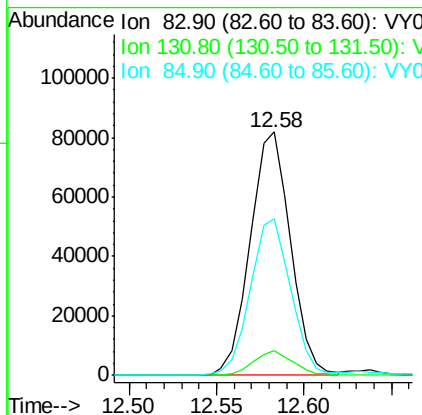
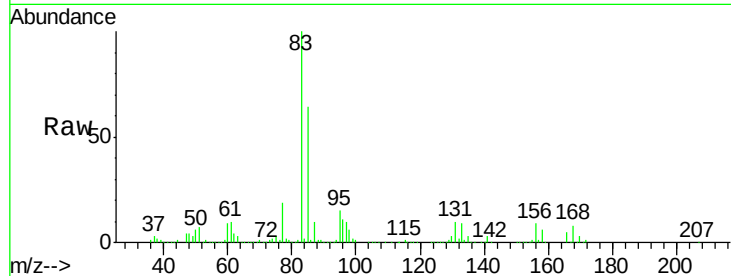
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	130680
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 52.399 ug/l m

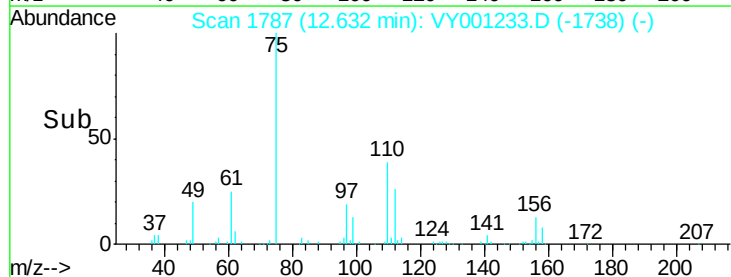
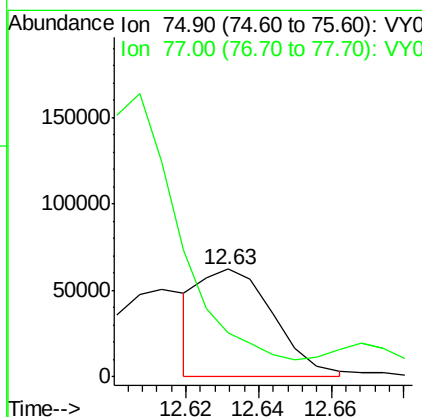
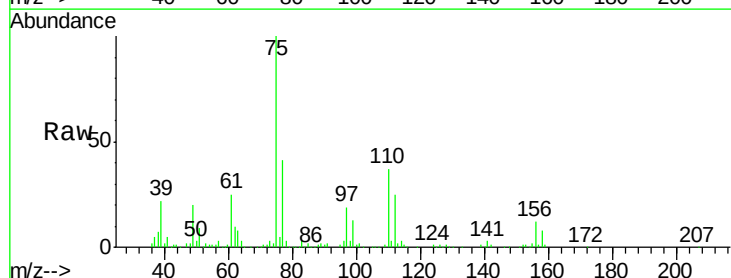
RT: 12.63 min Scan# 1787

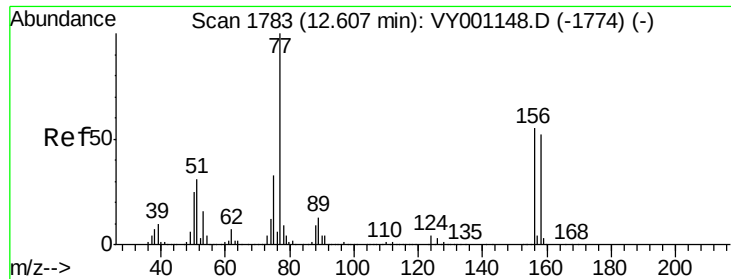
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	75	Resp:	87392
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.649 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

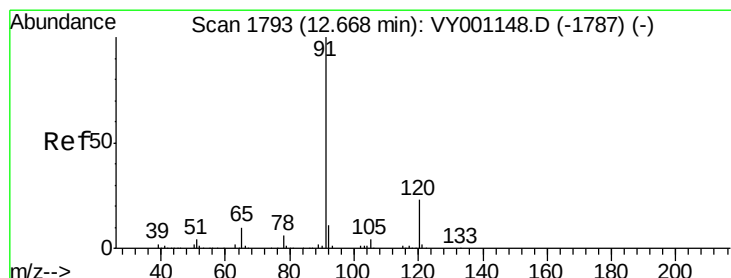
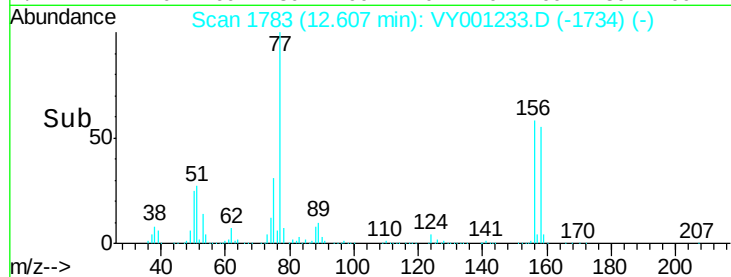
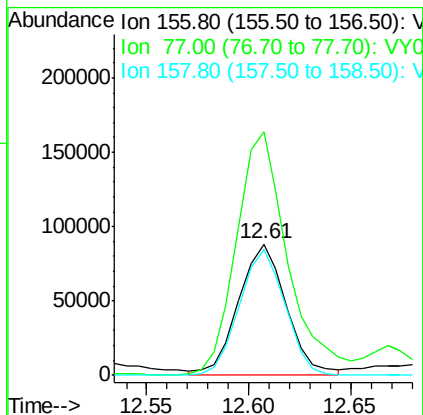
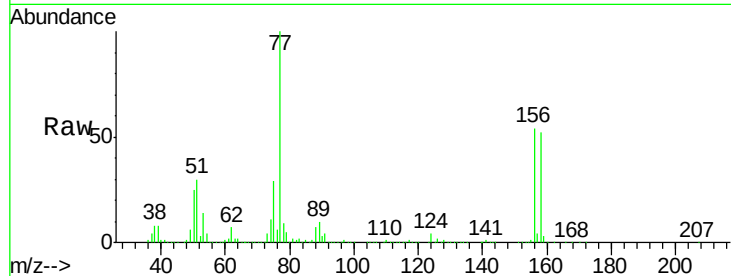
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	144020
Ion Ratio	Lower	Upper	
156	100		
77	198.0	106.7	320.1
158	91.3	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.874 ug/l

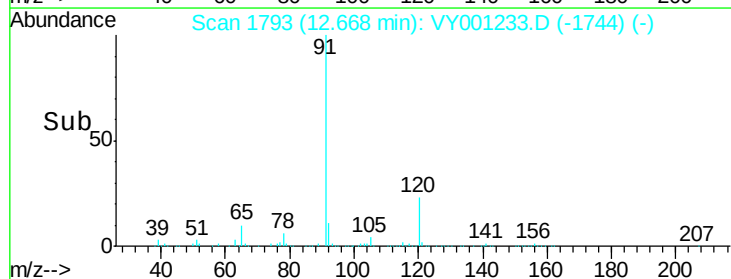
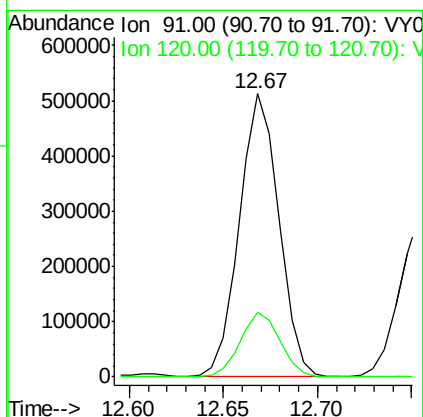
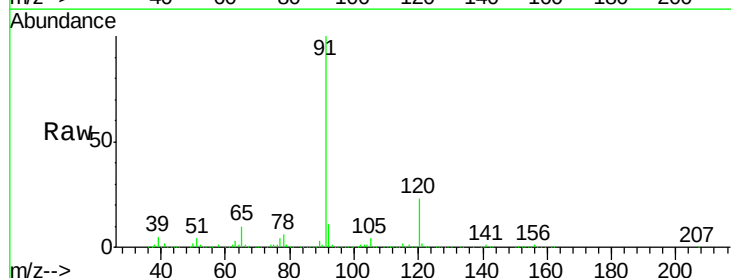
RT: 12.67 min Scan# 1793

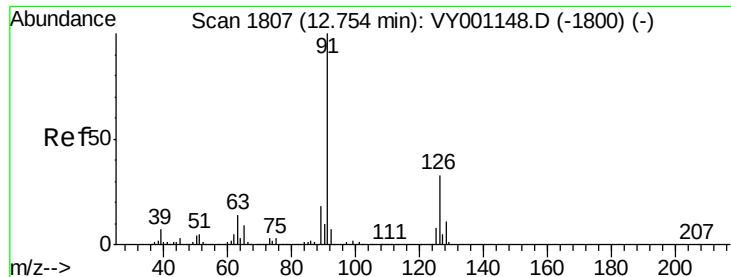
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	91	Resp:	744896
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.180 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 422182

Ion Ratio Lower Upper

91 100

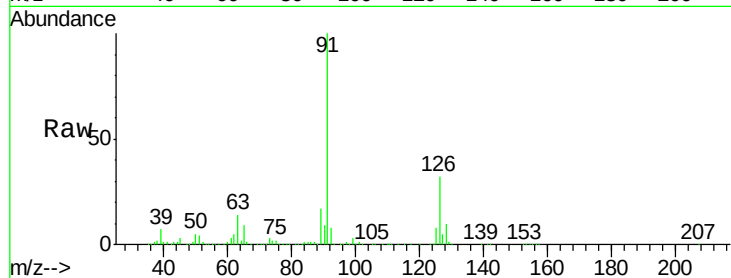
126 32.5 16.4 49.4

Manual Integrations

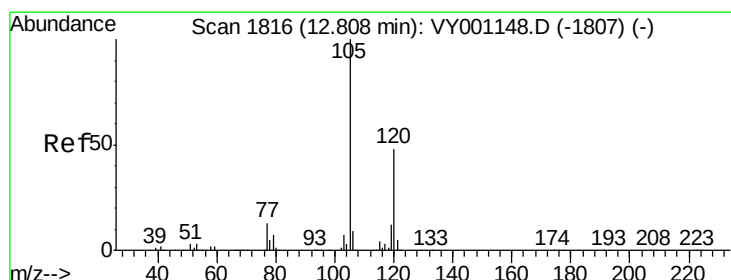
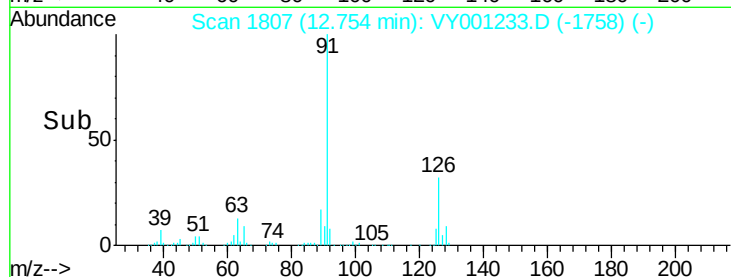
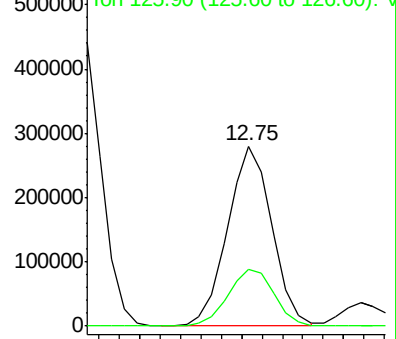
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Abundance Ion 91.00 (90.70 to 91.70): VY001233.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.116 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001233.D

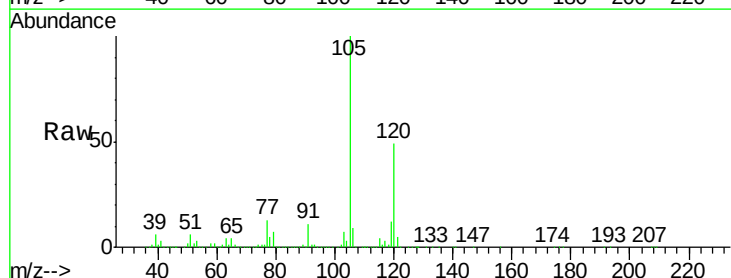
Acq: 15 Jan 2020 20:49

Tgt Ion: 105 Resp: 509304

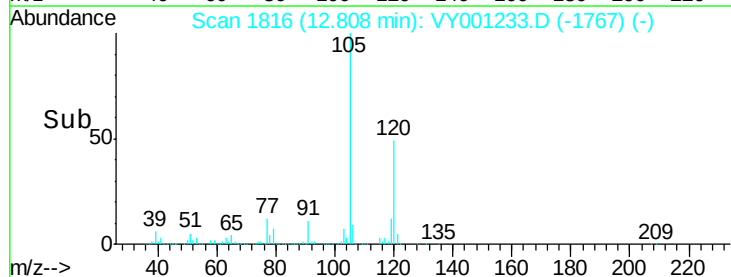
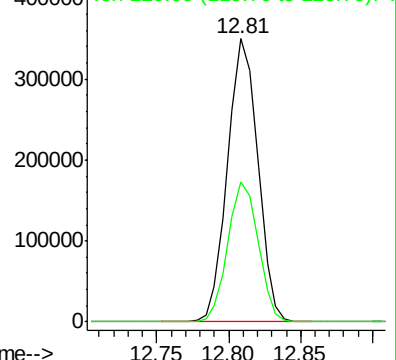
Ion Ratio Lower Upper

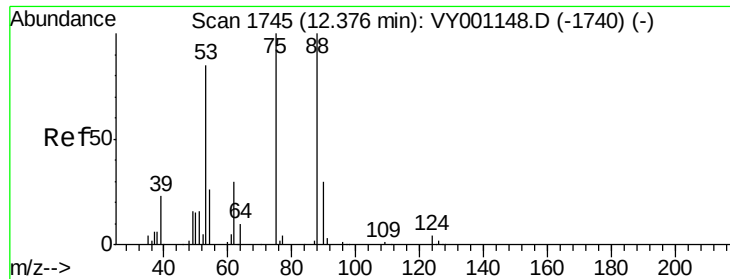
105 100

120 49.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001233.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.203 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

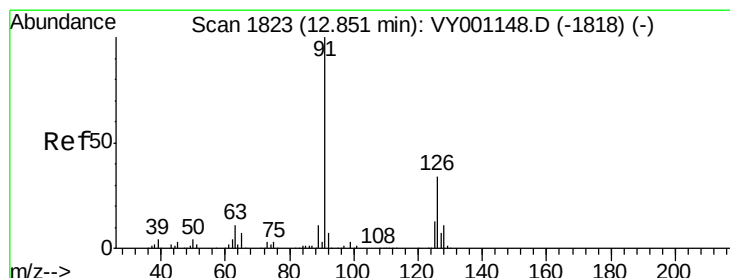
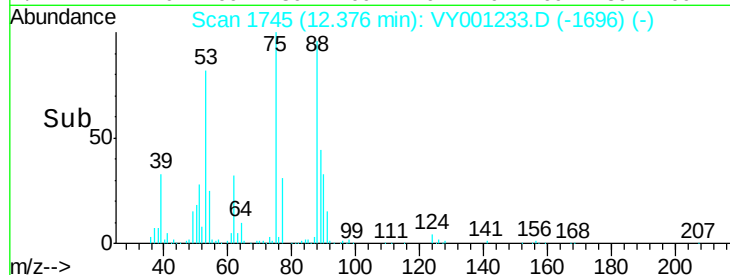
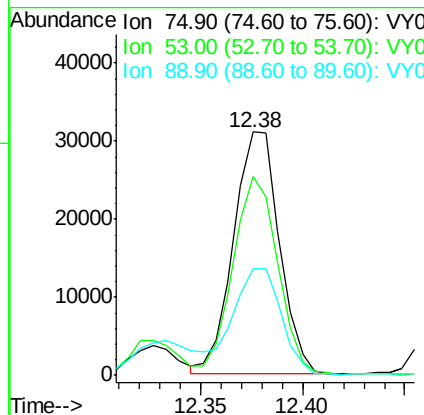
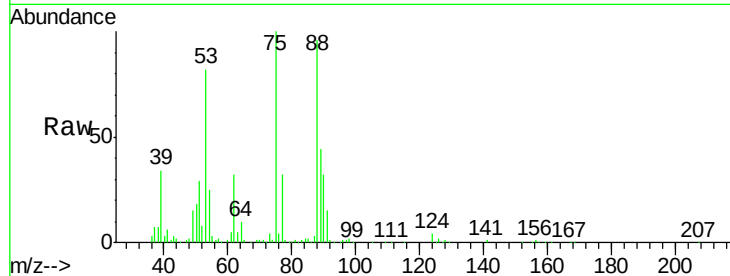
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	48391
Ion	Ratio	Lower	Upper
75	100		
53	79.7	69.4	104.2
89	46.4	0.0	0.0#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.031 ug/l

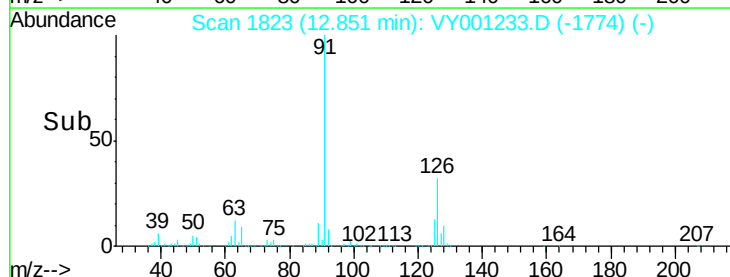
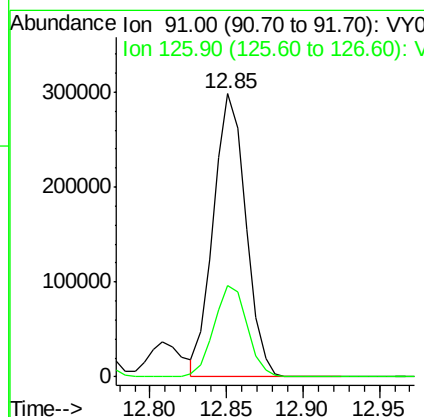
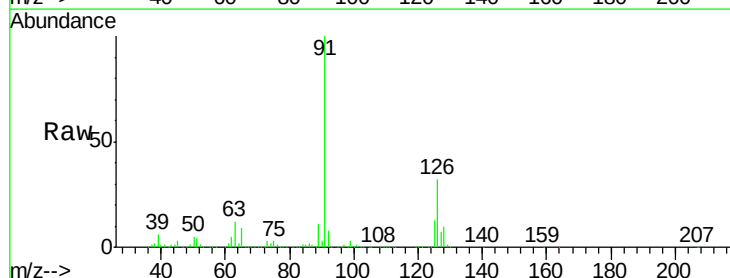
RT: 12.85 min Scan# 1823

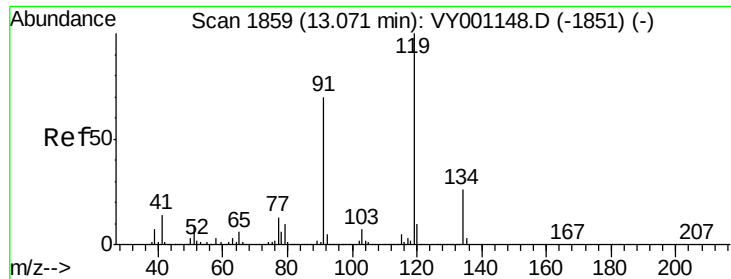
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	91	Resp:	440786
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.8





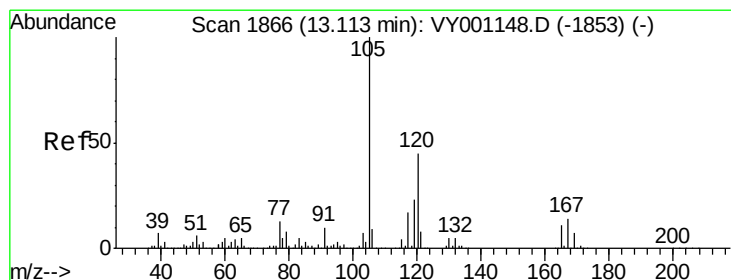
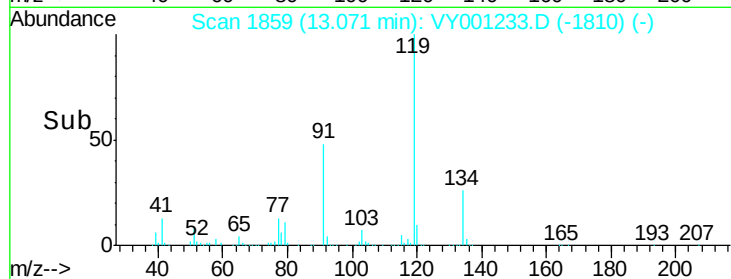
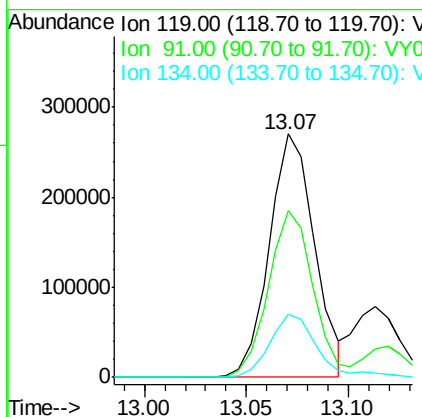
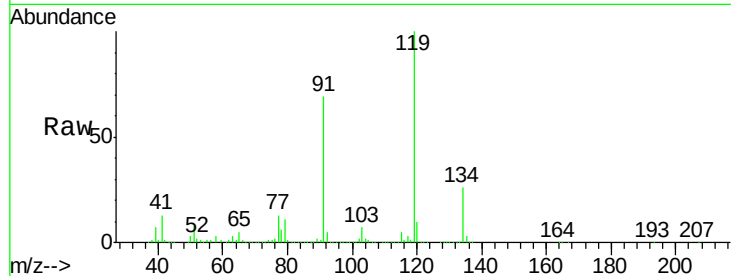
#83
 tert-Butylbenzene
 Concen: 50.844 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.9	101.7
134	27.3	13.5	40.4

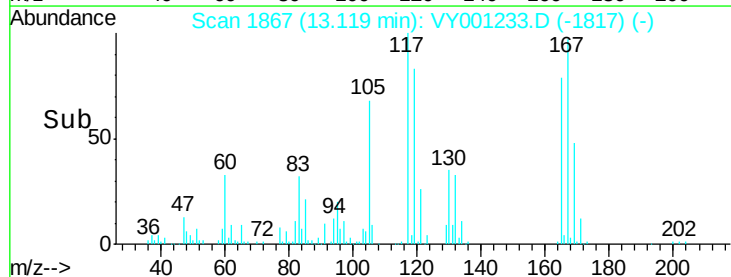
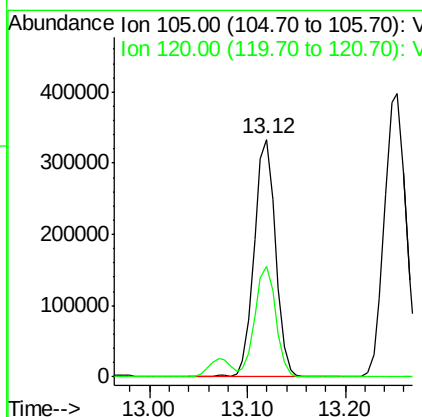
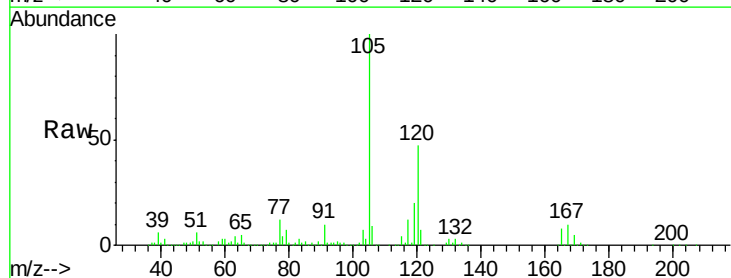
Manual Integrations
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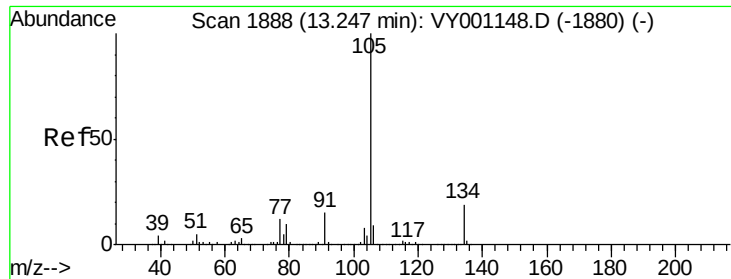
MMDadoda
 1/16/2020 9:36:35 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.923 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 51.509 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 608482

Ion Ratio Lower Upper

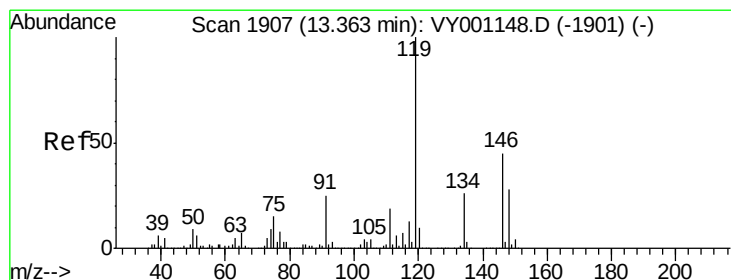
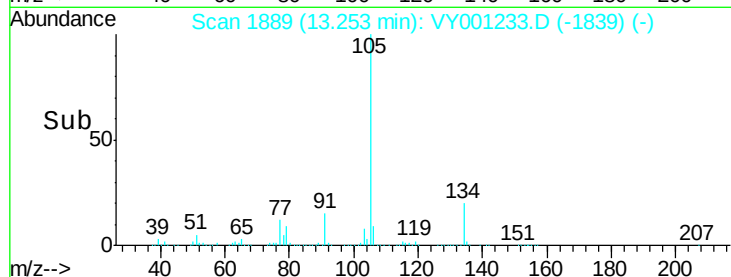
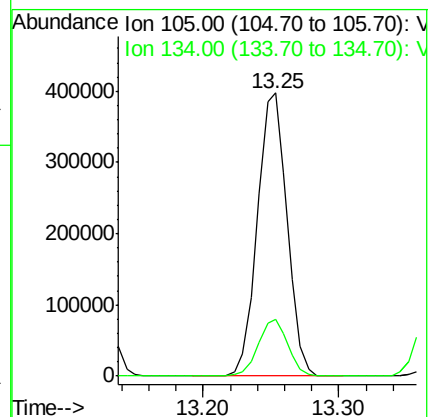
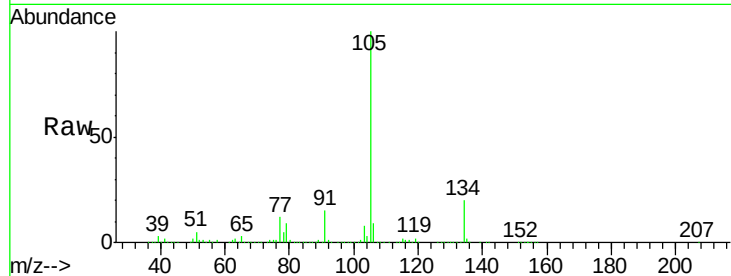
105 100

134 19.9 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 50.970 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

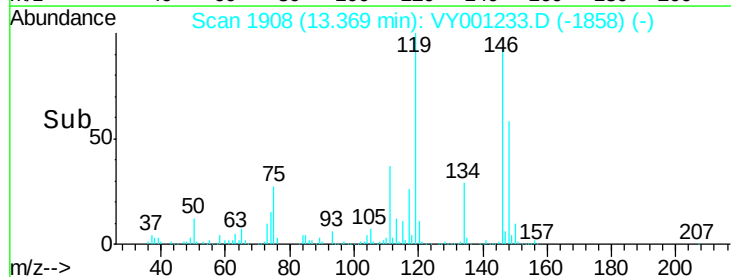
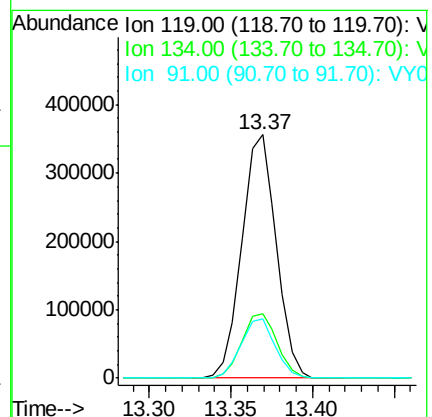
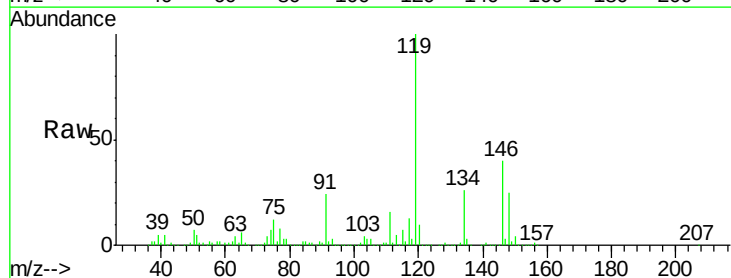
Tgt Ion:119 Resp: 522784

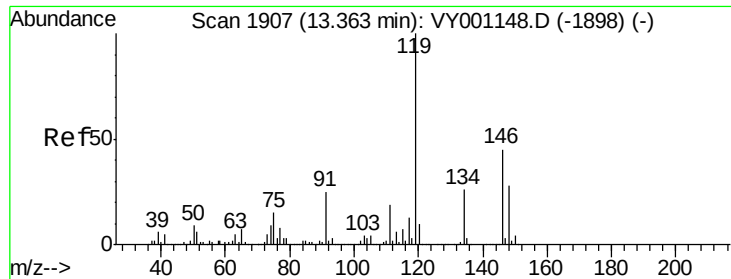
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.049 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

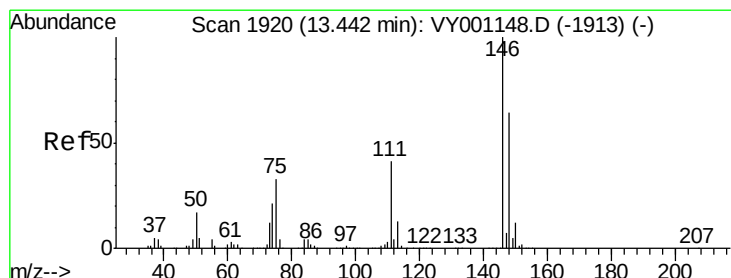
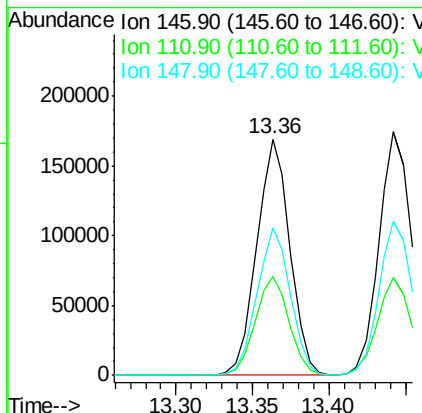
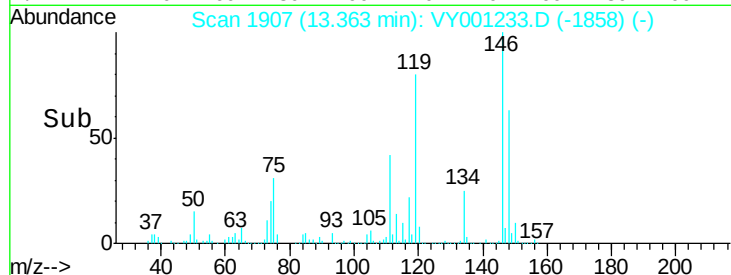
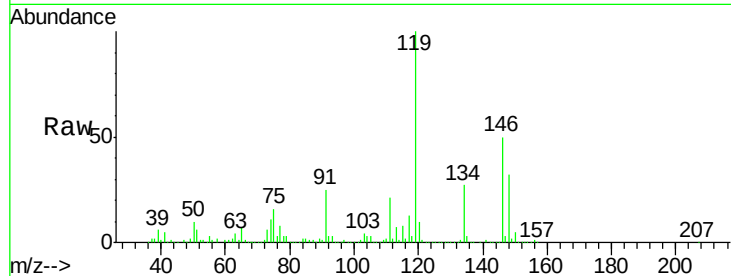
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	254751
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.3	64.0
148	62.9	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.318 ug/l

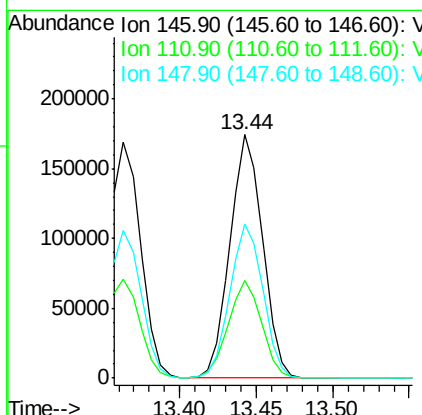
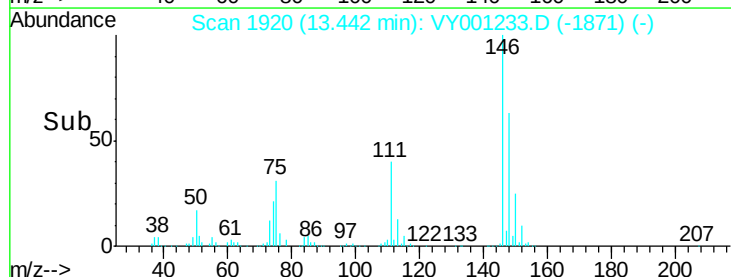
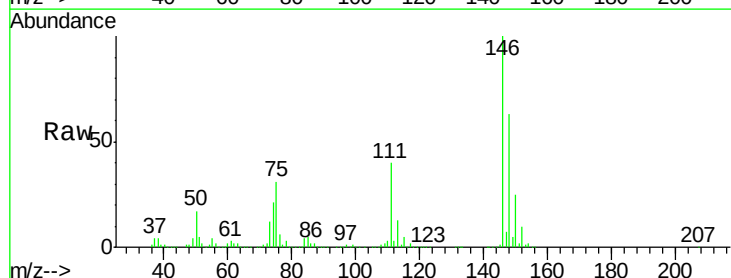
RT: 13.44 min Scan# 1920

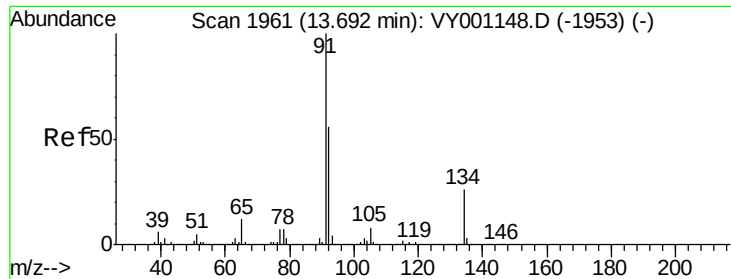
Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion:	146	Resp:	258505
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.8	62.5
148	63.8	32.0	96.2





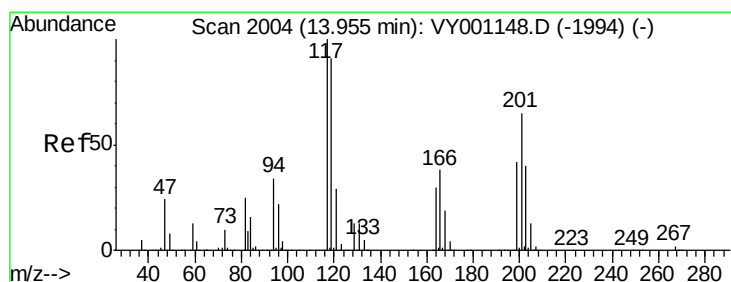
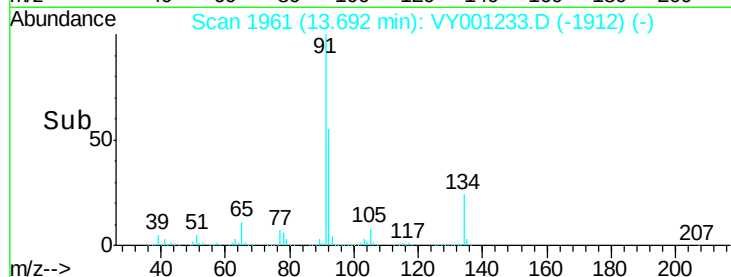
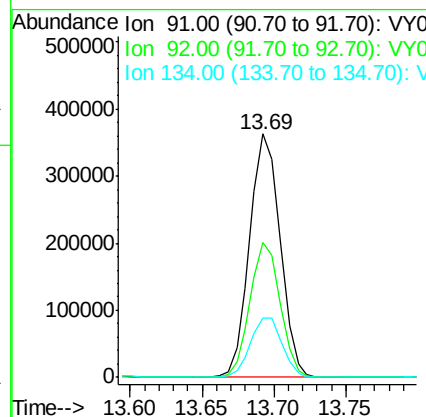
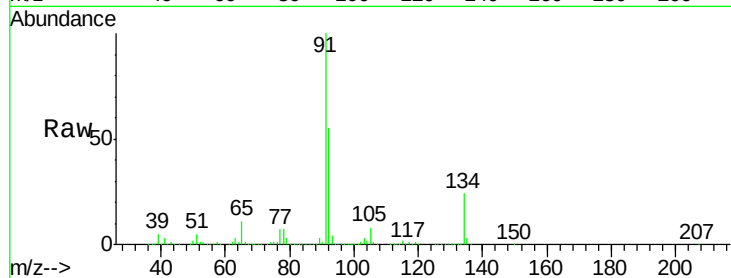
#89
n-Butylbenzene
Concen: 51.526 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.7	83.1
134	25.5	12.9	38.6

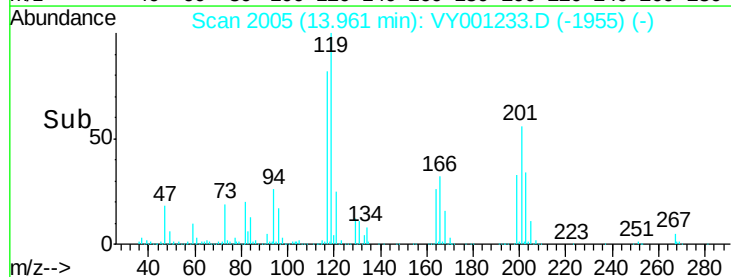
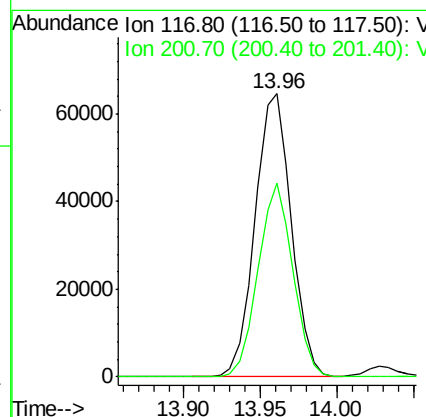
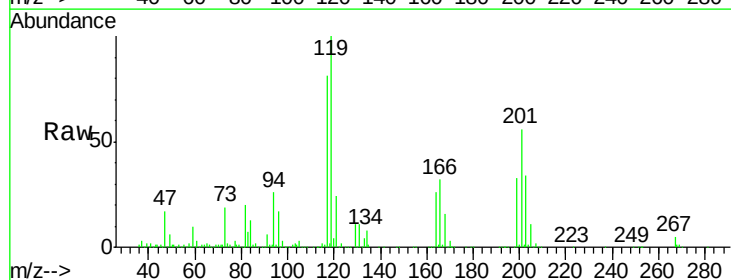
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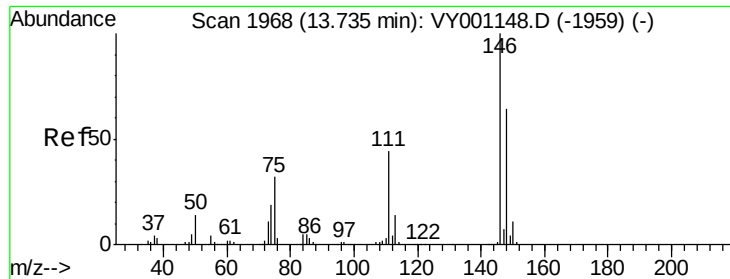
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#90
Hexachloroethane
Concen: 53.313 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.3	35.4	106.2





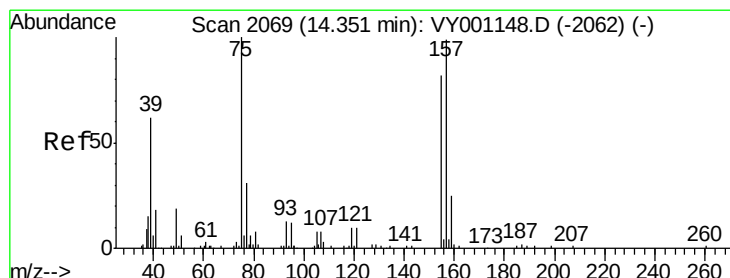
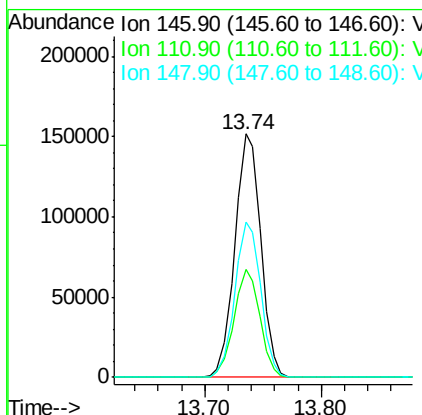
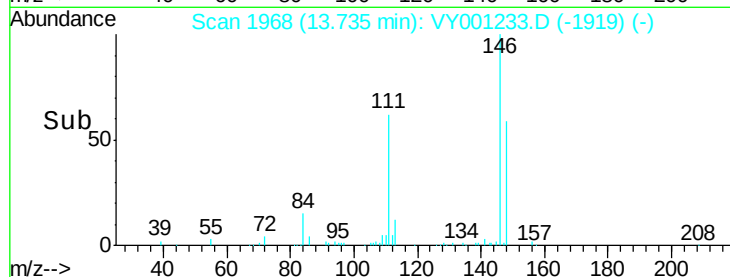
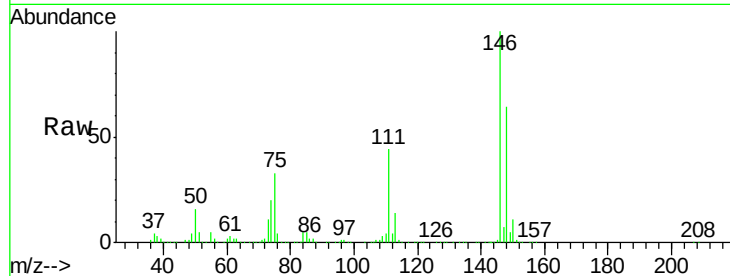
#91
 1,2-Dichlorobenzene
 Concen: 51.839 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.0	66.0
148	63.6	32.1	96.3

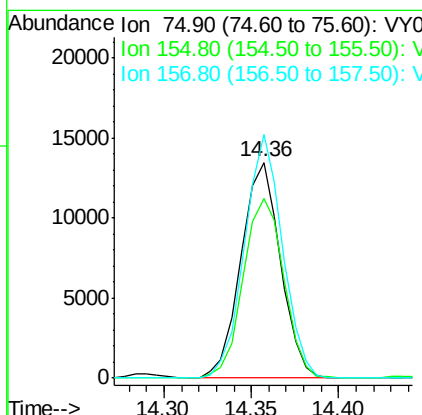
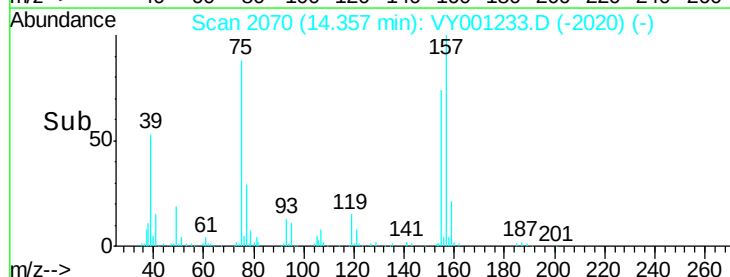
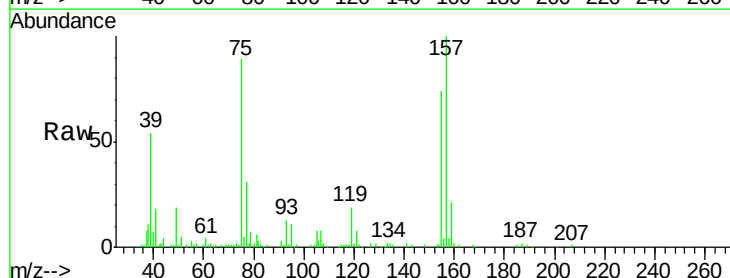
Manual Integrations
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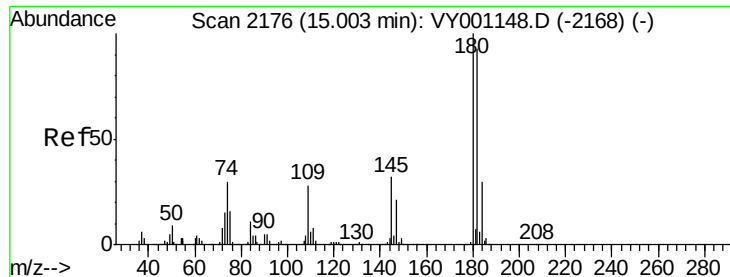
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.349 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.2	123.6
157	108.8	52.8	158.4





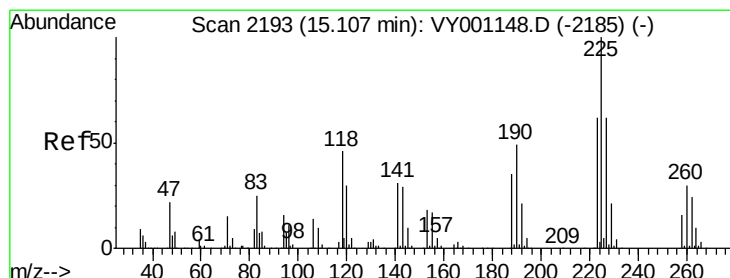
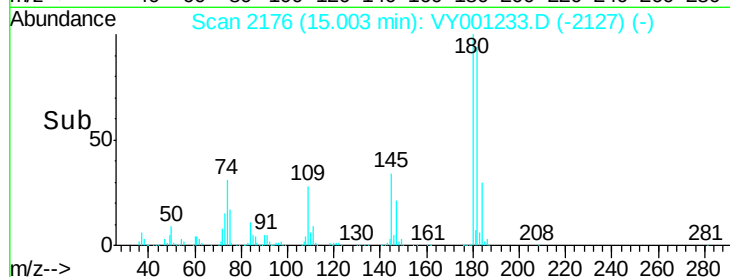
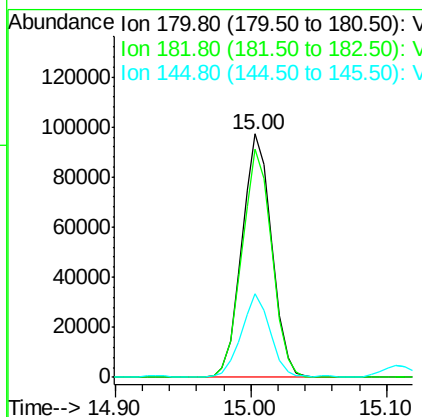
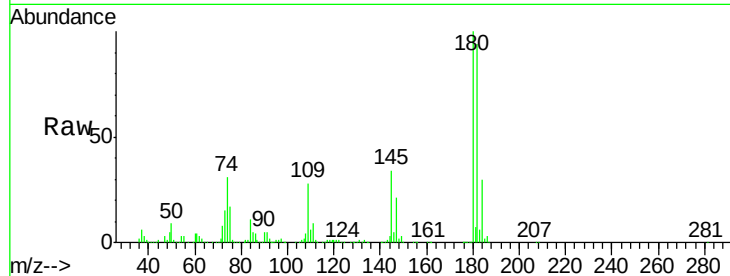
#93
 1,2,4-Trichlorobenzene
 Concen: 49.577 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148582		
182	94.1	46.9	140.8	
145	33.4	16.0	48.0	

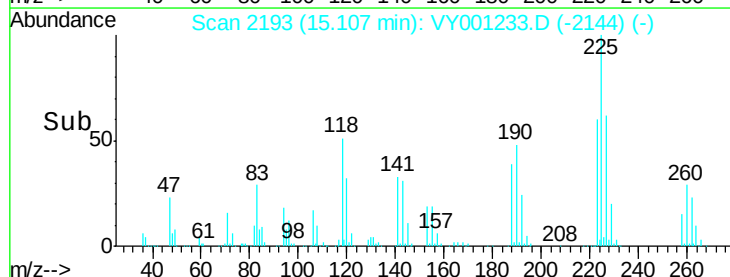
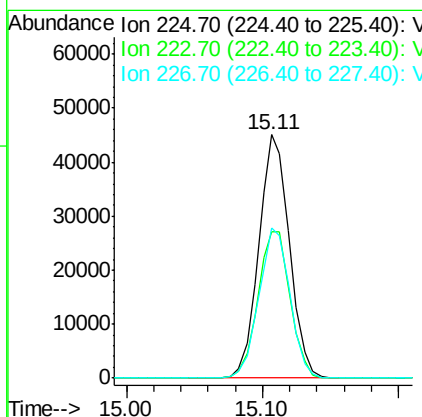
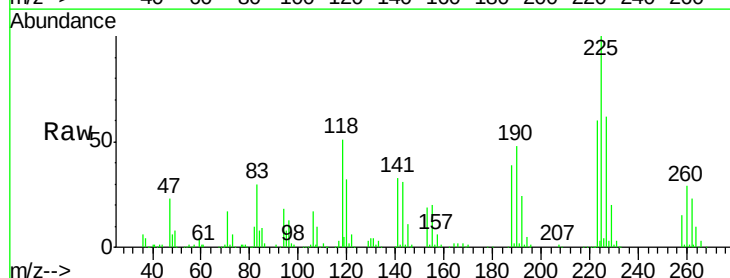
Manual Integrations
 APPROVED

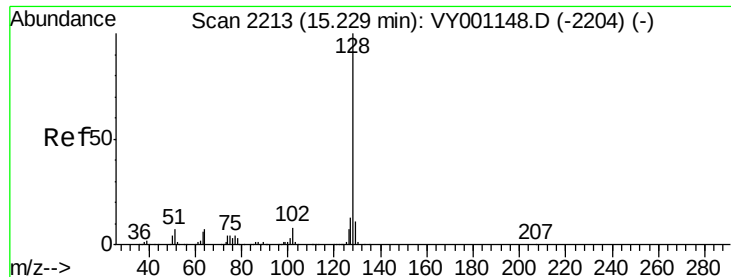
MMDadoda
 1/16/2020 9:36:35 AM



#94
 Hexachlorobutadiene
 Concen: 47.002 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70966		
223	63.3	31.1	93.3	
227	62.4	31.3	93.9	





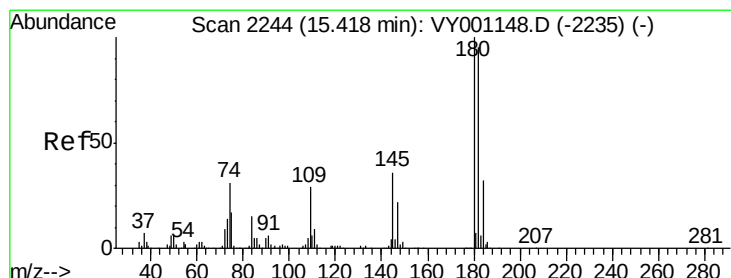
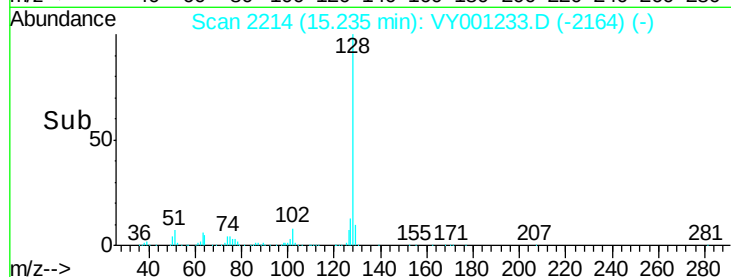
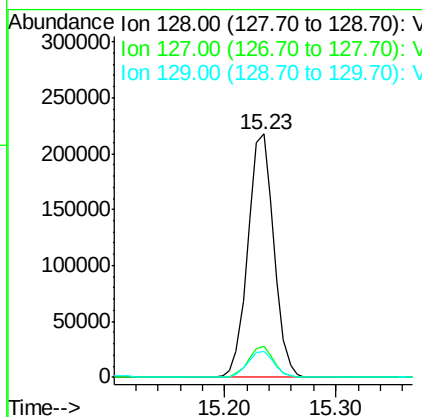
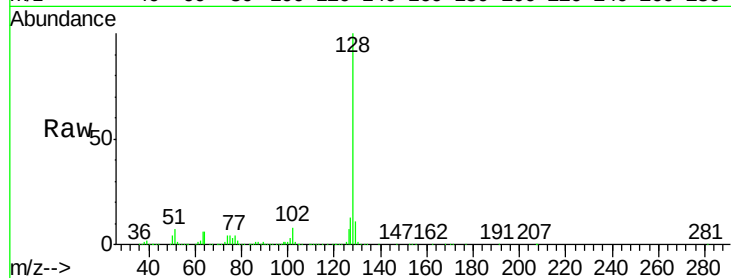
#95
Naphthalene
Concen: 50.440 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
1/16/2020 9:36:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.308 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.5
145	37.2	17.1	51.3

