

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001141.D
 Acq On : 02 Jan 2020 17:53
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:13:35 AM

Quant Time: Jan 02 23:48:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	364958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	601552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	151181	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.73	113	165402	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.18	98	672665	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.48	95	226581	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46124	17.162	ug/l	93
3) Chloromethane	2.12	50	28767	15.421	ug/l	90
4) Vinyl Chloride	2.25	62	34711	18.302	ug/l	97
5) Bromomethane	2.65	94	26977	19.583	ug/l	95
6) Chloroethane	2.79	64	23241	18.057	ug/l	98
7) Trichlorofluoromethane	3.13	101	75773	14.844	ug/l	95
8) Diethyl Ether	3.54	74	27853	17.730	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62604	19.508	ug/l	97
10) Methyl Iodide	4.10	142	86337	17.753	ug/l	98
11) Tert butyl alcohol	4.98	59	25314	88.433	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	63199	19.086	ug/l	96
13) Acrolein	3.74	56	34622	132.053	ug/l	99
14) Allyl chloride	4.49	41	68523	18.501	ug/l	99
15) Acrylonitrile	5.18	53	77881	95.454	ug/l	99
16) Acetone	3.96	43	48878	99.043	ug/l	91
17) Carbon Disulfide	4.20	76	187862	19.119	ug/l	99
18) Methyl Acetate	4.49	43	34021	19.360	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	152295	18.450	ug/l	96
20) Methylene Chloride	4.73	84	81074	20.273	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	70970	18.666	ug/l	98
22) Diisopropyl ether	6.13	45	145766	19.447	ug/l	95
23) Vinyl Acetate	6.07	43	452170	93.277	ug/l	99
24) 1,1-Dichloroethane	6.03	63	98938	19.095	ug/l	95
25) 2-Butanone	7.00	43	81976	85.662	ug/l	96
26) 2,2-Dichloropropane	7.00	77	94168	16.846	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	86899	19.454	ug/l	99
28) Bromochloromethane	7.35	49	38600	19.875	ug/l	99
29) Tetrahydrofuran	7.36	42	53635	83.340	ug/l	99
30) Chloroform	7.52	83	105752	16.721	ug/l	100
31) Cyclohexane	7.79	56	98841	16.452	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	95027	16.095	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84917	16.180	ug/l	99
37) Ethyl Acetate	7.08	43	37607	17.227	ug/l	98
38) Carbon Tetrachloride	7.91	117	85591	15.696	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	119290	16.406	ug/l	96
40) Benzene	8.17	78	264506	16.370	ug/l	100
41) Methacrylonitrile	7.33	41	17391m	18.303	ug/l	
42) 1,2-Dichloroethane	8.25	62	62162	16.165	ug/l	97
43) Isopropyl Acetate	8.28	43	68939	16.072	ug/l	99
44) Trichloroethene	8.94	130	81427	16.843	ug/l	95
45) 1,2-Dichloropropane	9.22	63	60369	16.822	ug/l	96
46) Dibromomethane	9.31	93	35094	16.603	ug/l	98
47) Bromodichloromethane	9.50	83	79401	16.696	ug/l	95
48) Methyl methacrylate	9.30	41	29864	16.344	ug/l	98
49) 1,4-Dioxane	9.30	88	9630	302.896	ug/l #	96
51) 4-Methyl-2-Pentanone	10.07	43	179253	88.617	ug/l	99
52) Toluene	10.24	92	167869	17.059	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	84371	16.984	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	100592	17.237	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	51566	16.876	ug/l	96
56) Ethyl methacrylate	10.51	69	70196	17.925	ug/l	99
57) 1,3-Dichloropropane	10.79	76	85768	17.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	156149	111.254	ug/l	97
59) 2-Hexanone	10.83	43	122587	89.702	ug/l	100
60) Dibromochloromethane	10.99	129	59101	16.892	ug/l	99
61) 1,2-Dibromoethane	11.09	107	51363	17.288	ug/l	95
64) Tetrachloroethene	10.72	164	85431	17.088	ug/l	99
65) Chlorobenzene	11.52	112	210191	18.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	63539	15.911	ug/l	99
67) Ethyl Benzene	11.59	91	323414	16.381	ug/l	99
68) m/p-Xylenes	11.70	106	253517	32.475	ug/l	98
69) o-Xylene	12.03	106	119441	16.115	ug/l	99
70) Styrene	12.04	104	202068	16.108	ug/l	99
71) Bromoform	12.20	173	36099	15.353	ug/l #	97
73) Isopropylbenzene	12.33	105	311152	16.288	ug/l	99
74) N-amyl acetate	12.14	43	60433	16.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	54871	16.252	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	39249m	14.647	ug/l	
77) Bromobenzene	12.61	156	74935	16.225	ug/l	99
78) n-propylbenzene	12.67	91	368398	16.311	ug/l	99
79) 2-Chlorotoluene	12.75	91	205900	16.472	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	264778	16.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20786	16.080	ug/l	96
82) 4-Chlorotoluene	12.85	91	211083	16.428	ug/l	99
83) tert-Butylbenzene	13.07	119	223830	16.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	266005	16.440	ug/l	99
85) sec-Butylbenzene	13.25	105	311379	16.146	ug/l	98
86) p-Isopropyltoluene	13.37	119	288541	16.614	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	147707	17.087	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	167858	19.287	ug/l	99
89) n-Butylbenzene	13.69	91	270009	16.563	ug/l	100
90) Hexachloroethane	13.96	117	50868	15.812	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	175836	22.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9172	15.400	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	95888	17.560	ug/l	98
94) Hexachlorobutadiene	15.11	225	46061	16.655	ug/l	96
95) Naphthalene	15.23	128	223246	17.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	84623	17.317	ug/l	97

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

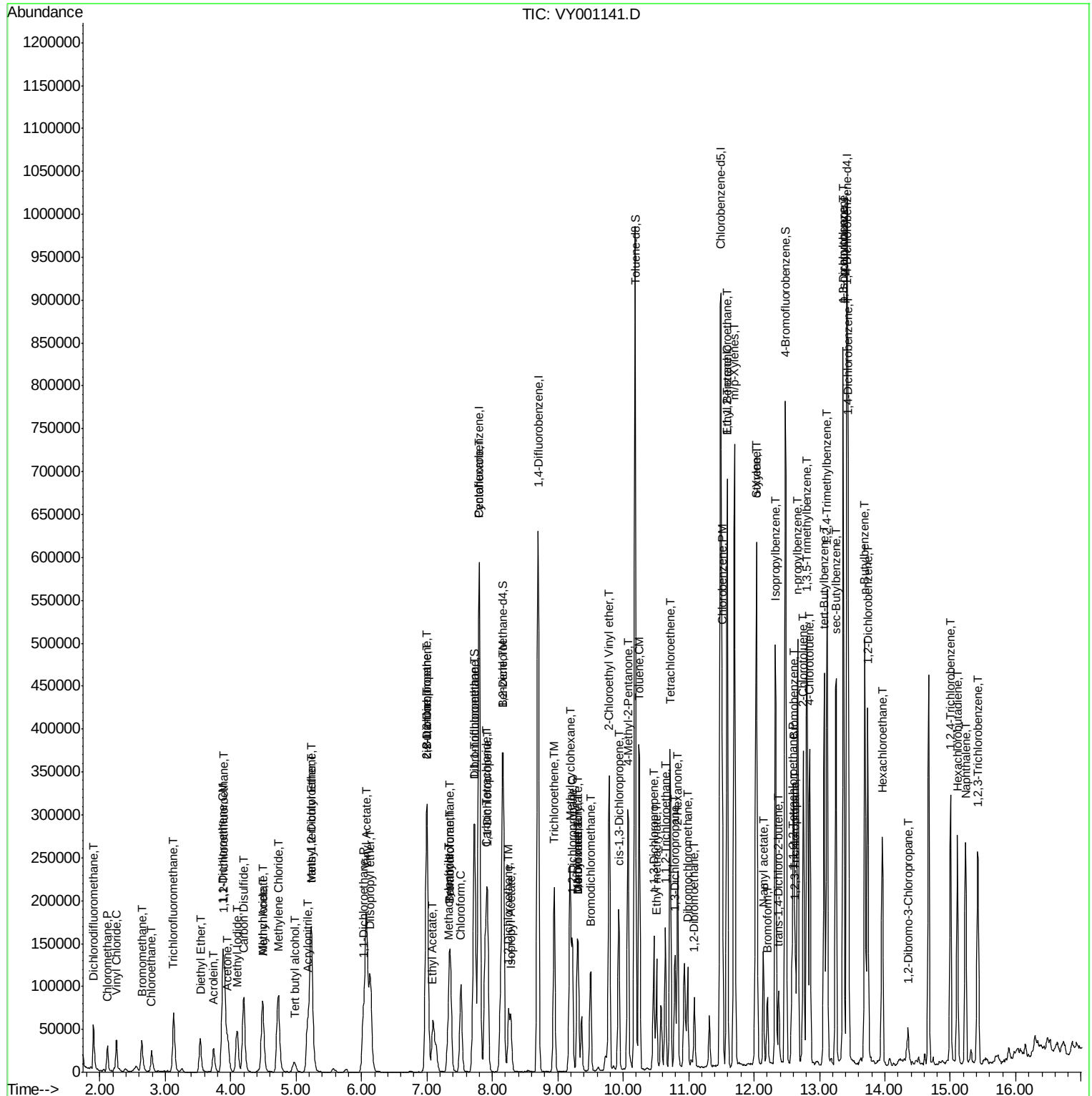
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 Data File : VY001141.D
 Acq On : 02 Jan 2020 17:53
 Operator : SY/MD
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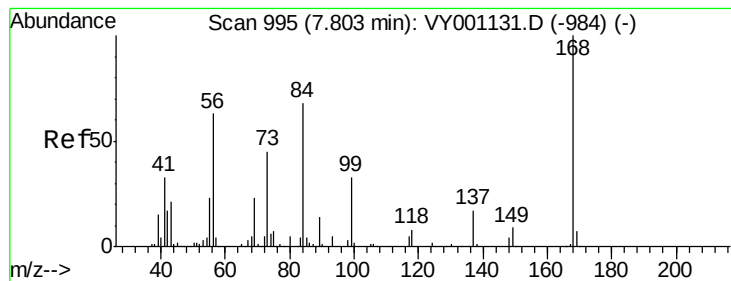
Instrument :
 MSVOA_Y
 Client Sample Id :
 VY0102SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampled :

VY0102SBS01

Tot Ion:168 Resp: 364958

Ion Ratio Lower Upper

168 100

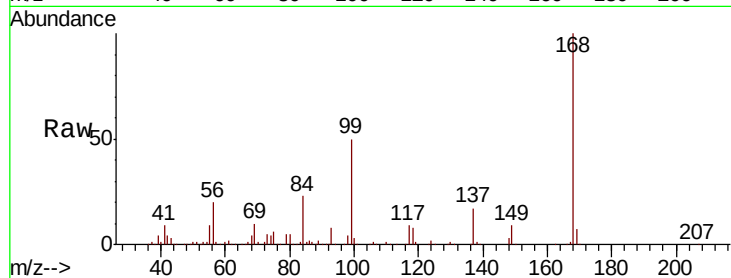
99 49.8 42.5 63.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)

7.80

150000

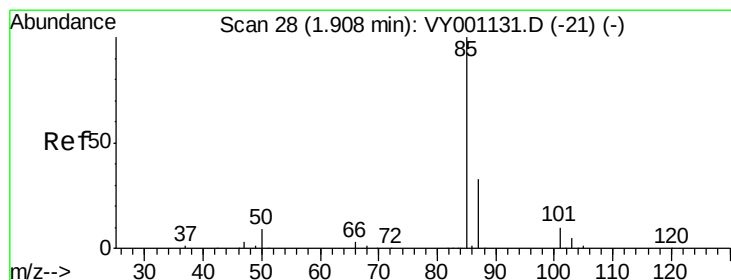
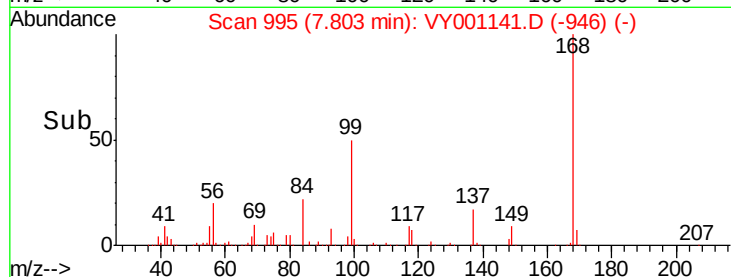
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.162 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001141.D

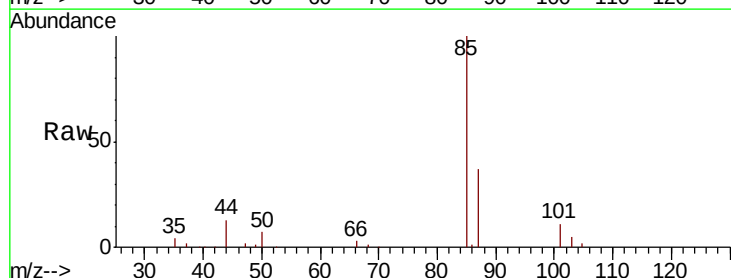
Acq: 02 Jan 2020 17:53

Tgt Ion: 85 Resp: 46124

Ion Ratio Lower Upper

85 100

87 36.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001131.D (-21) (-)

1.90

30000

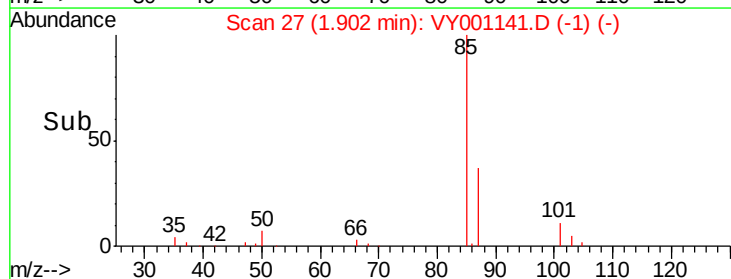
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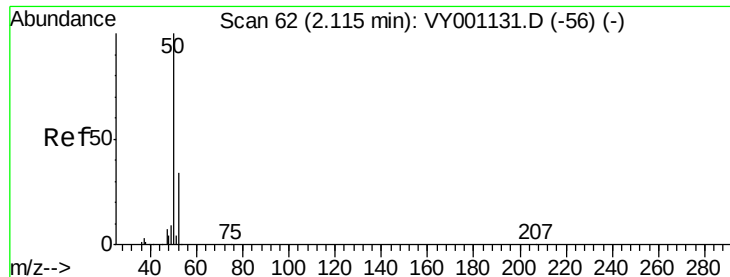
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 15.421 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 50 Resp: 28767

Ion Ratio Lower Upper

50 100

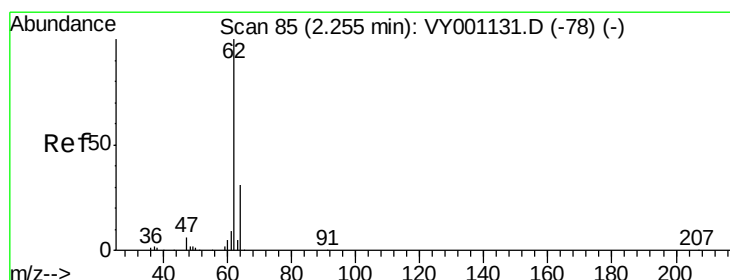
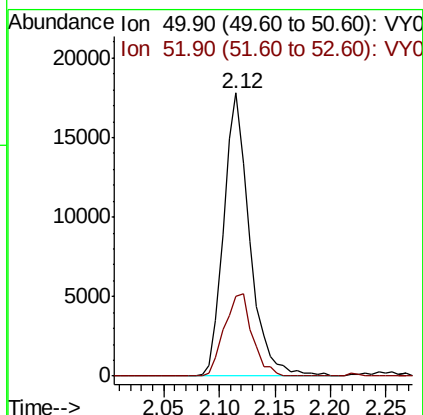
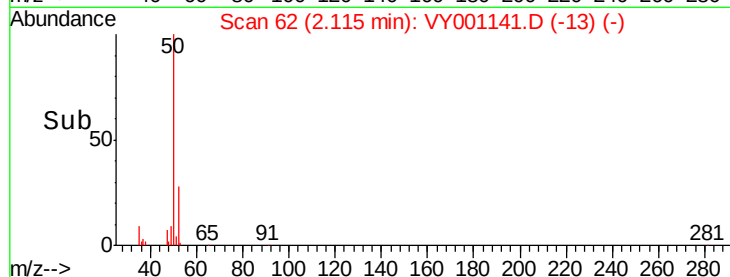
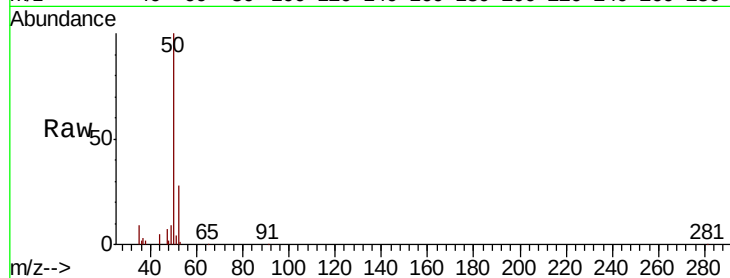
52 28.1 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.302 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001141.D

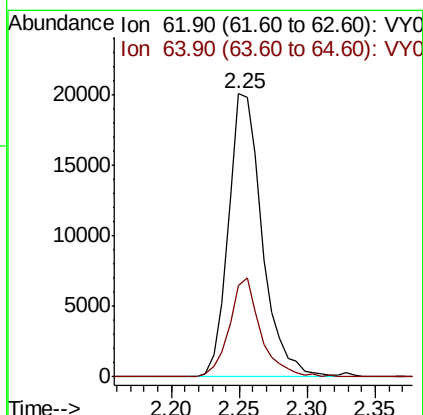
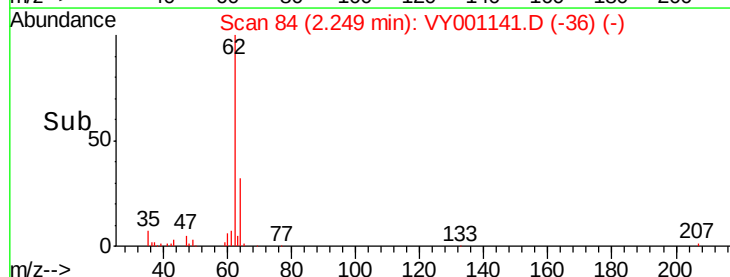
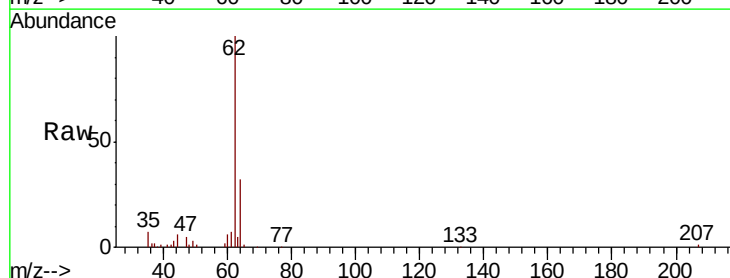
Acq: 02 Jan 2020 17:53

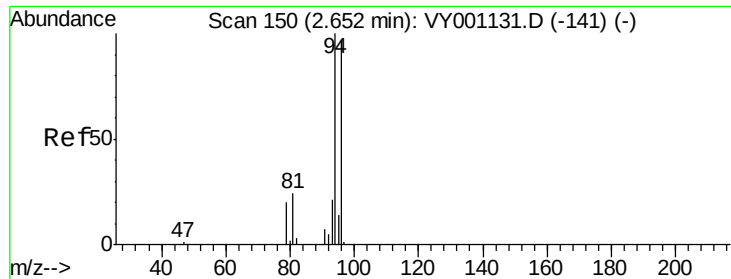
Tgt Ion: 62 Resp: 34711

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6





#5

Bromomethane

Concen: 19.583 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

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ClientSampleId :

VY0102SBS01

Tot Ion: 94 Resp: 26977

Ion Ratio Lower Upper

94 100

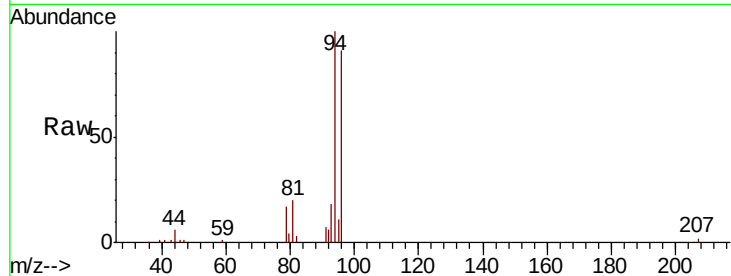
96 91.2 77.3 115.9

Manual Integrations

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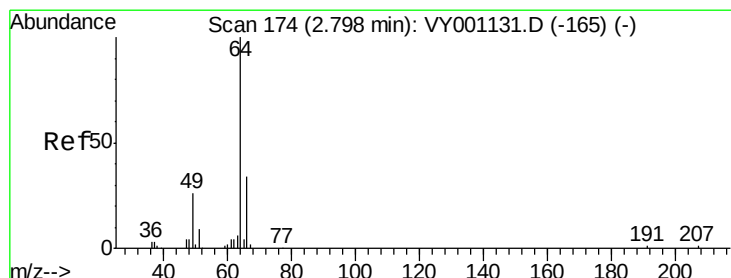
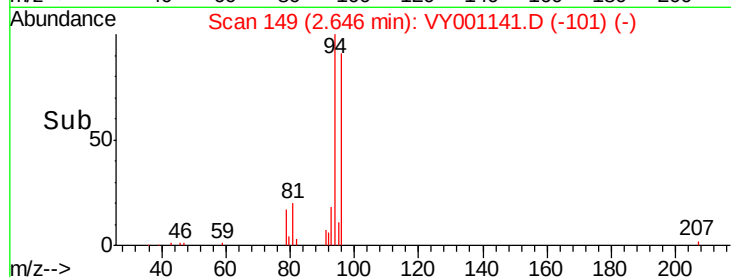
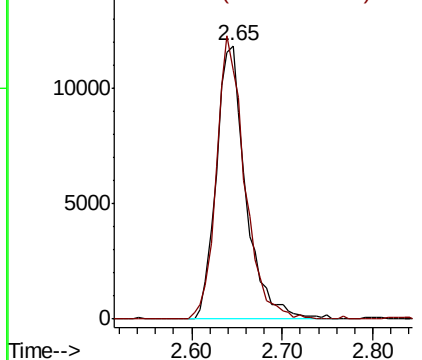
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.057 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001141.D

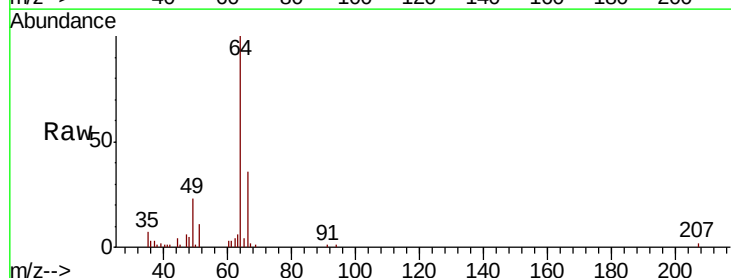
Acq: 02 Jan 2020 17:53

Tgt Ion: 64 Resp: 23241

Ion Ratio Lower Upper

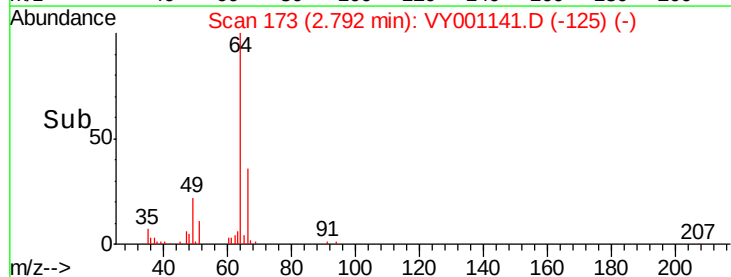
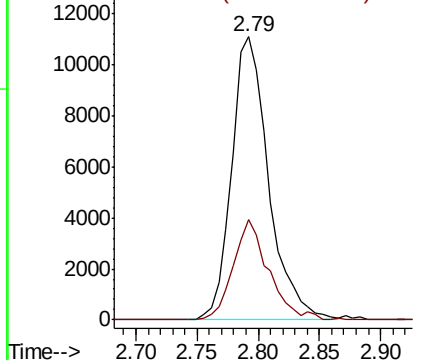
64 100

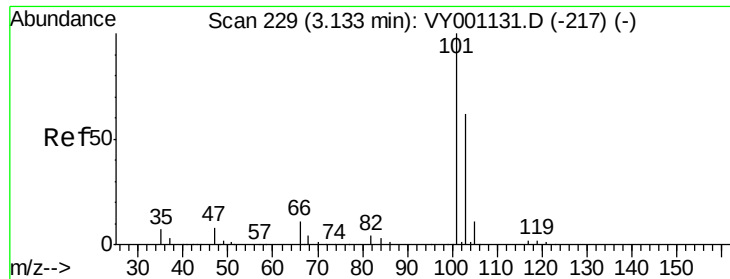
66 35.6 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

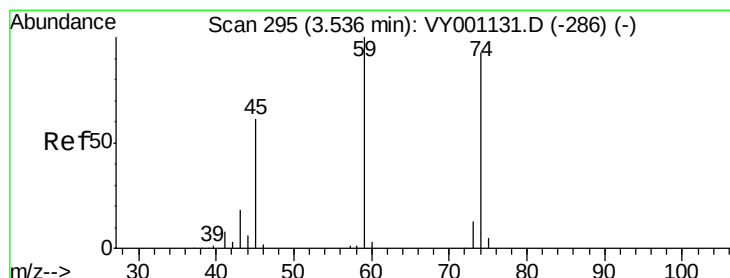
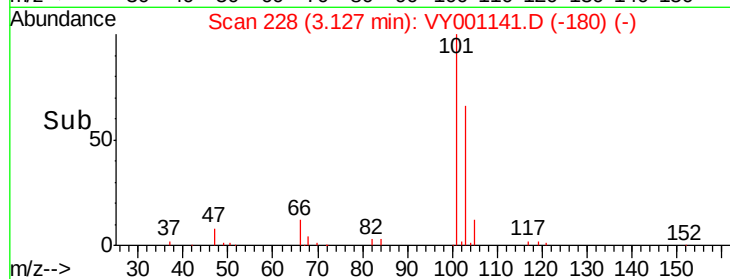
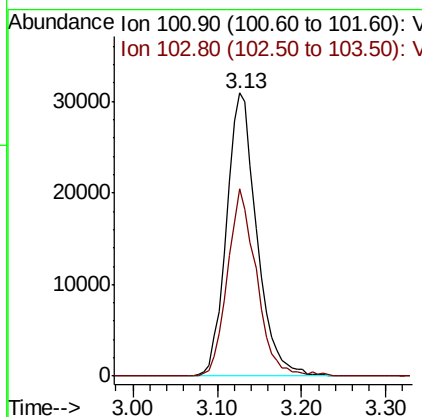
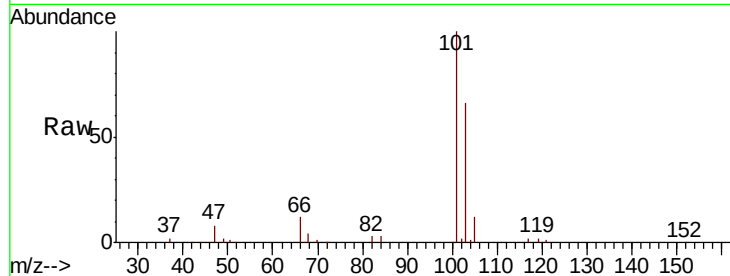
Trichlorofluoromethane
Concen: 14.844 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	49.7	74.5

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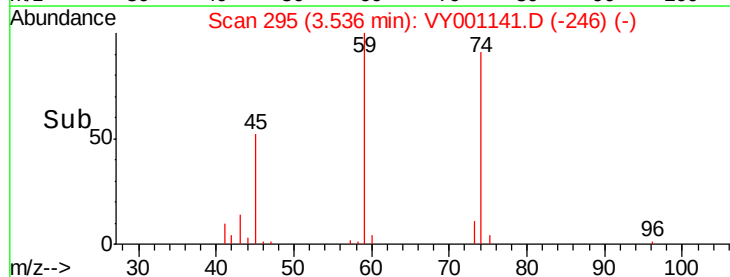
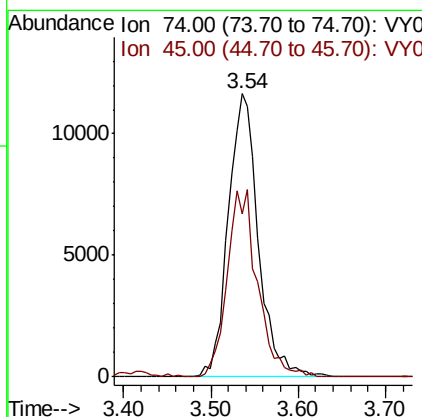
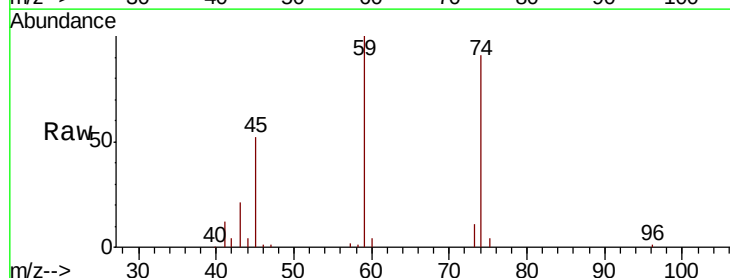
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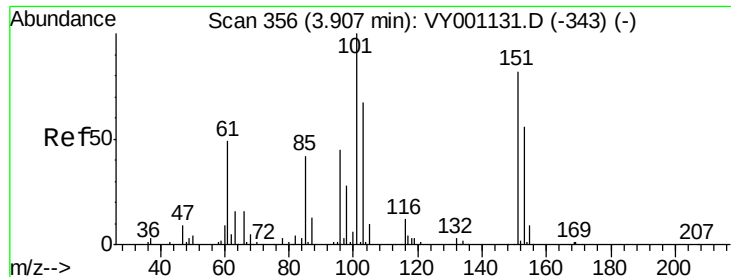


#8

Diethyl Ether
Concen: 17.730 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	66.4	33.2	99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.508 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

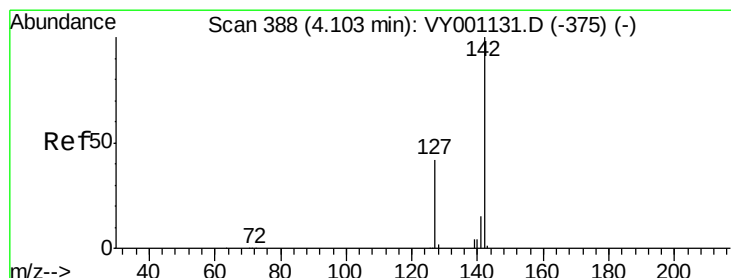
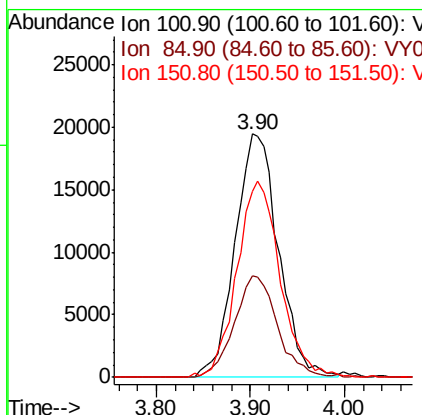
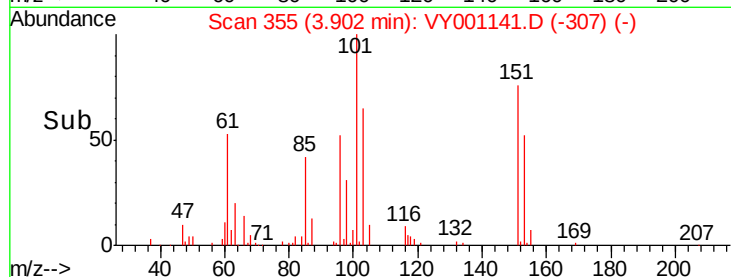
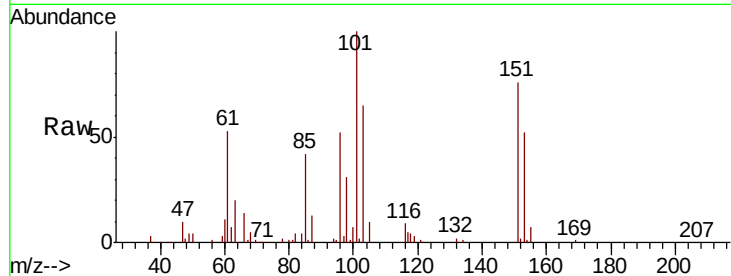
ClientSampleId :

VY0102SBS01

Tot Ion:	101	Resp:	62604
Ion Ratio	Lower	Upper	
101	100		
85	41.3	32.8	49.2
151	80.4	67.4	101.0

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#10

Methyl Iodide

Concen: 17.753 ug/l

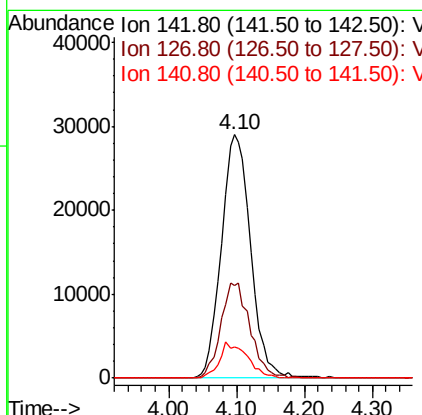
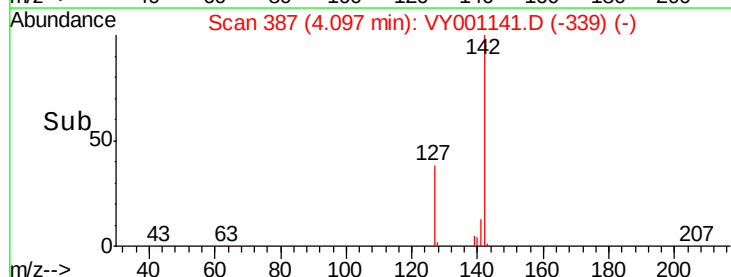
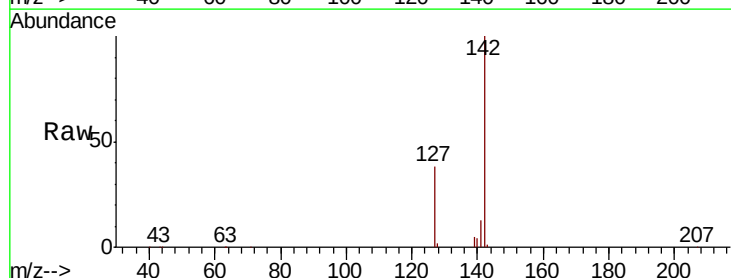
RT: 4.10 min Scan# 387

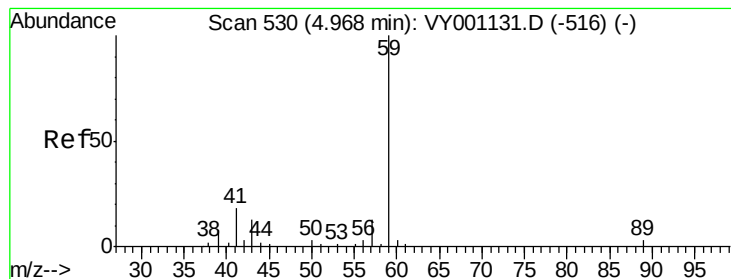
Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	142	Resp:	86337
Ion Ratio	Lower	Upper	
142	100		
127	39.1	32.2	48.4
141	14.0	11.1	16.7





#11

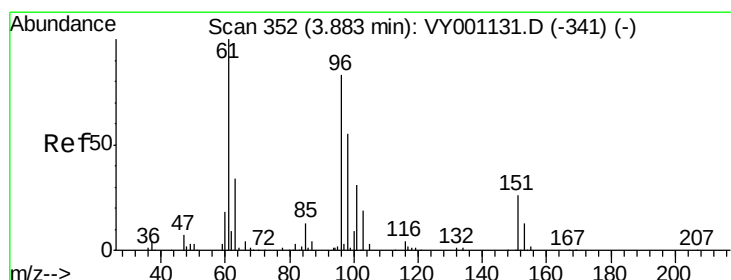
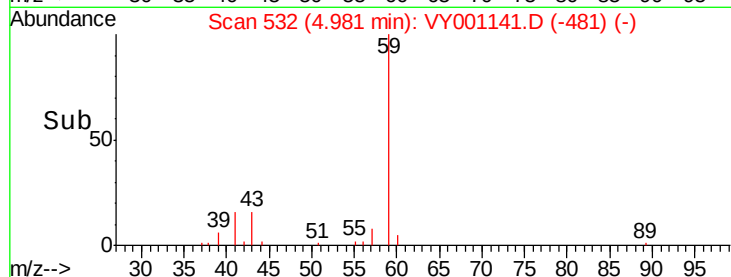
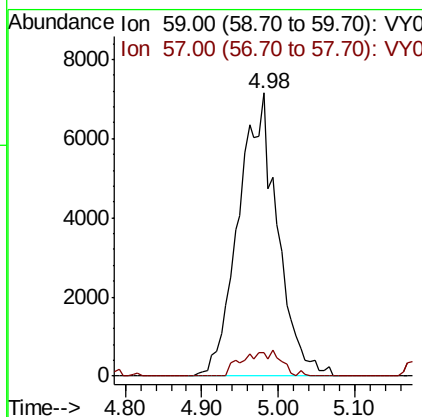
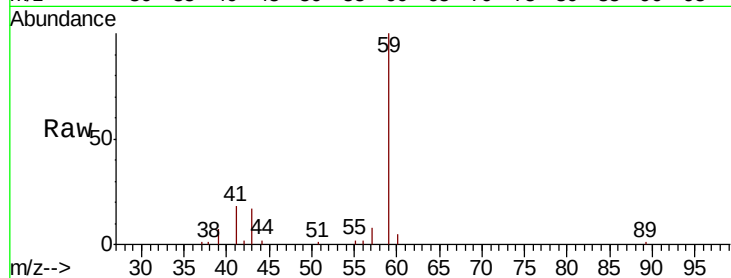
Tert butyl alcohol
 Concen: 88.433 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	59	57	Ratio	100	5.9	Resp	25314	Lower	Upper
59	100								
57		5.9				7.8		11.6	

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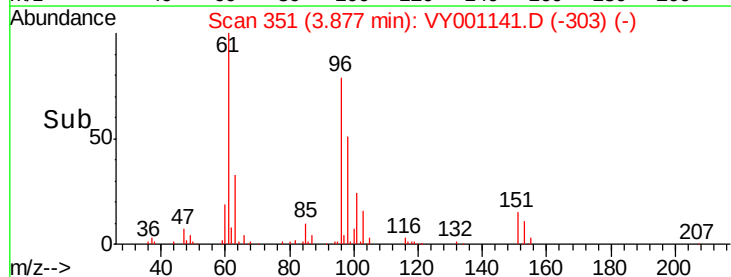
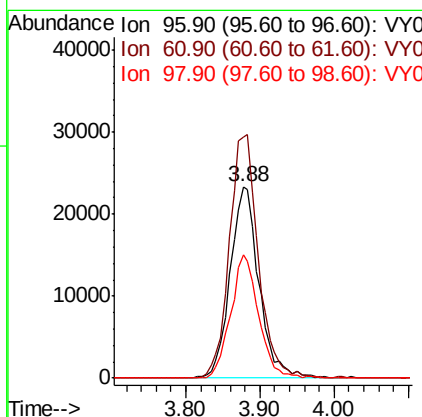
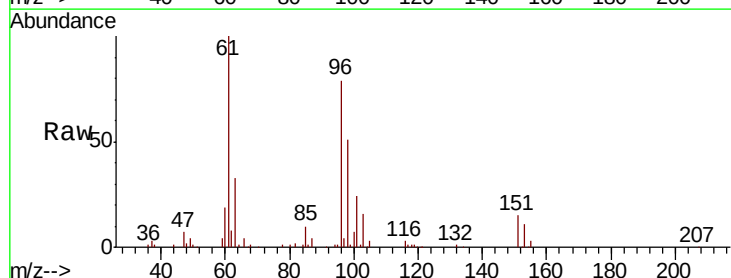
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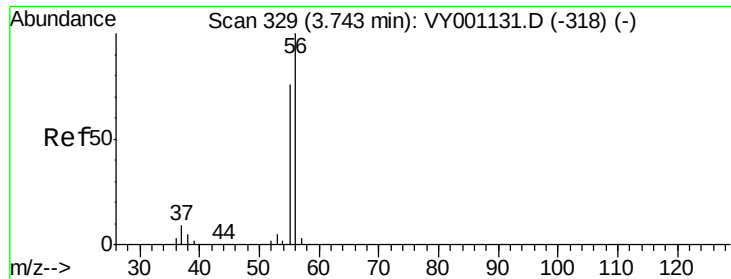


#12

1,1-Dichloroethene
 Concen: 19.086 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	96	61	98	Ratio	100	126.1	64.4	Resp	63199	Lower	Upper
96	100										
61		126.1				96.2				144.4	
98		64.4				52.8				79.2	





#13

Acrolein

Concen: 132.053 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 56 Resp: 34622

Ion Ratio Lower Upper

56 100

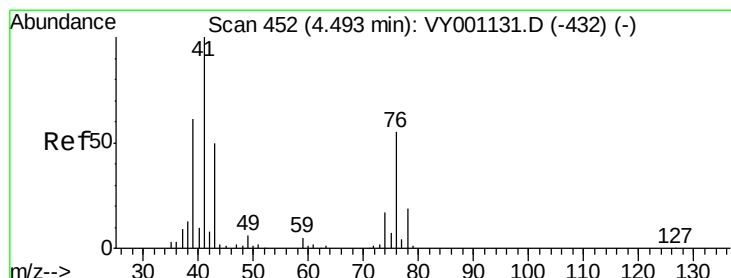
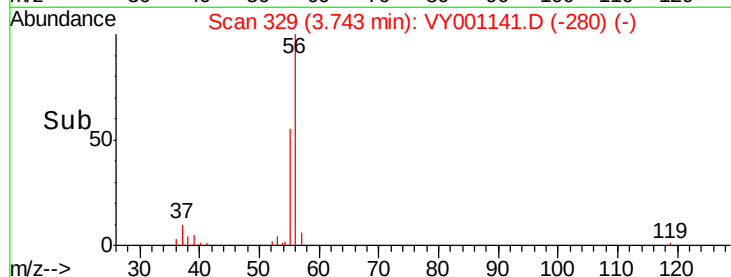
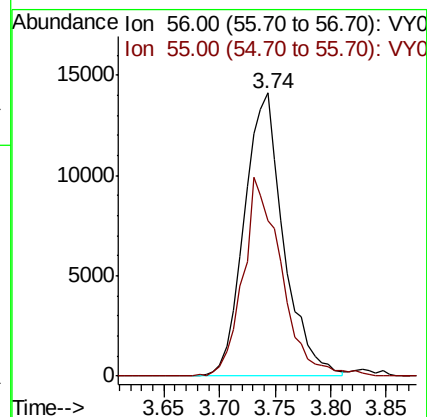
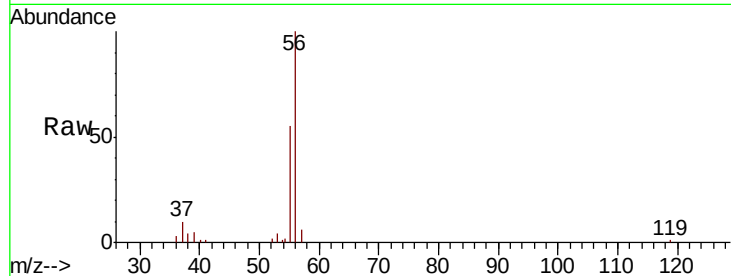
55 68.9 55.7 83.5

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#14

Allyl chloride

Concen: 18.501 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

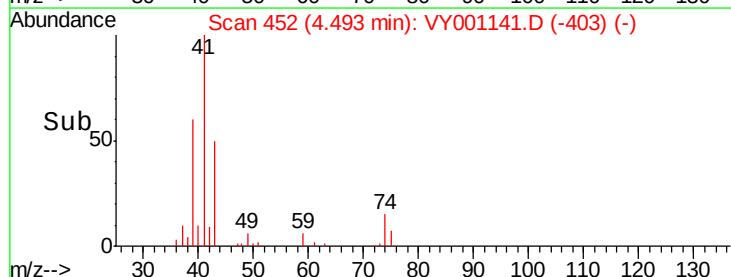
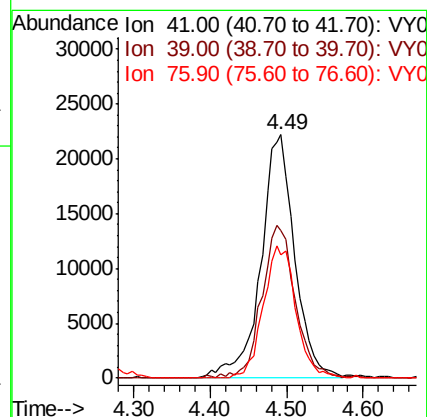
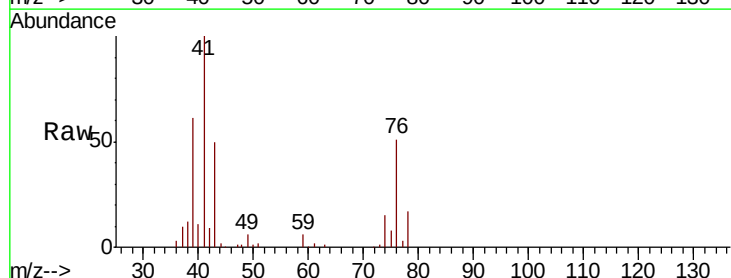
Tgt Ion: 41 Resp: 68523

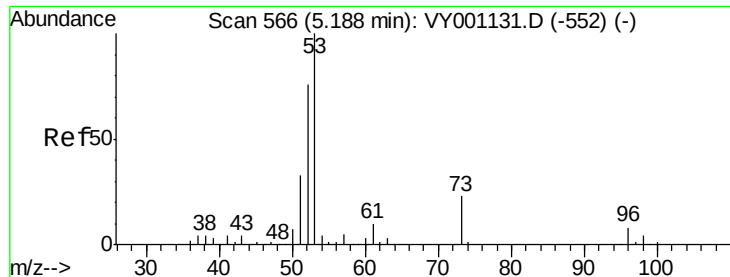
Ion Ratio Lower Upper

41 100

39 61.0 50.1 75.1

76 52.1 42.1 63.1





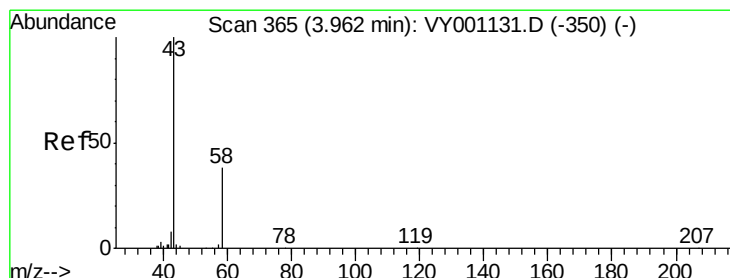
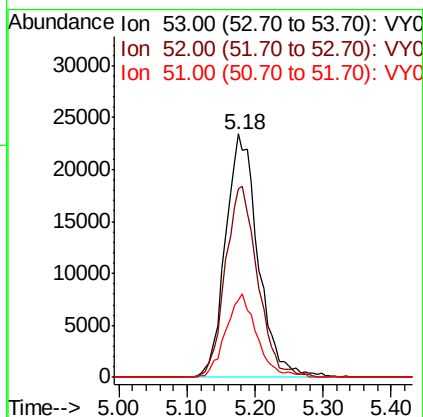
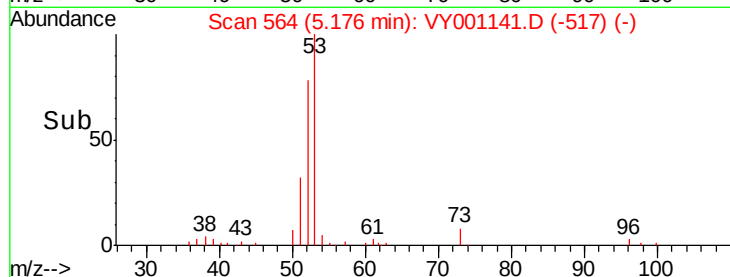
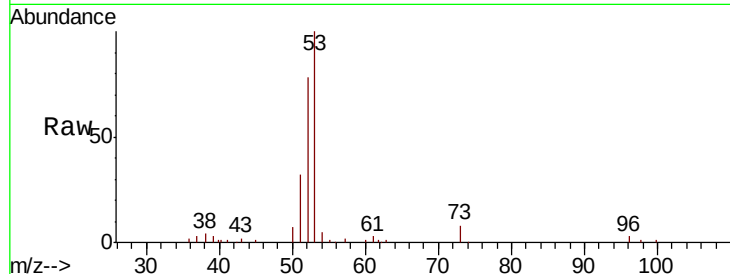
#15
 Acrylonitrile
 Concen: 95.454 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	53	Resp	77881
Ion Ratio	100	Lower	Upper
53	100		
52	77.6	63.0	94.4
51	32.8	26.1	39.1

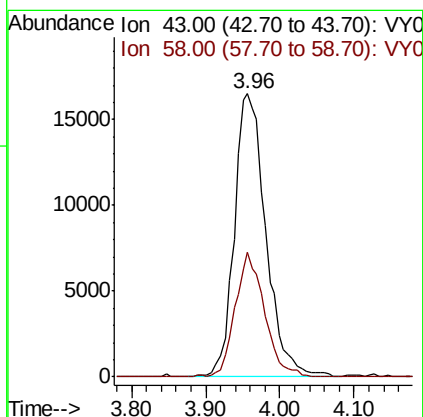
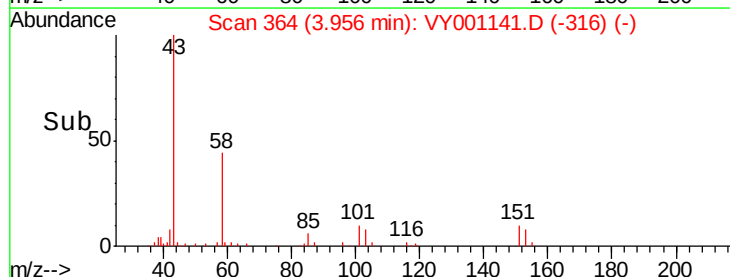
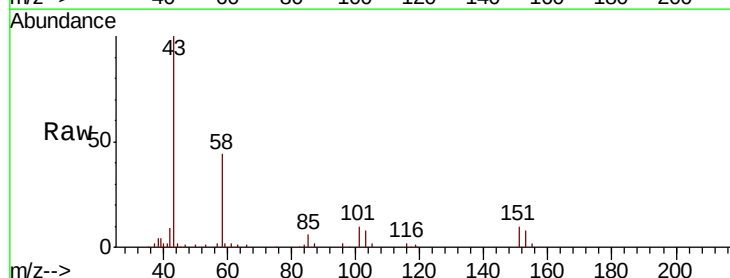
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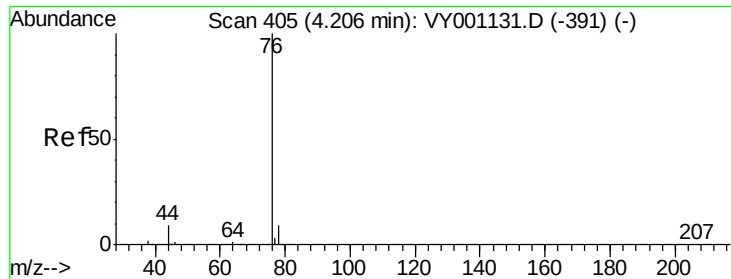
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#16
 Acetone
 Concen: 99.043 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	43	Resp	48878
Ion Ratio	100	Lower	Upper
43	100		
58	44.0	30.6	46.0





#17

Carbon Disulfide

Concen: 19.119 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 76 Resp: 187862

Ion Ratio Lower Upper

76 100

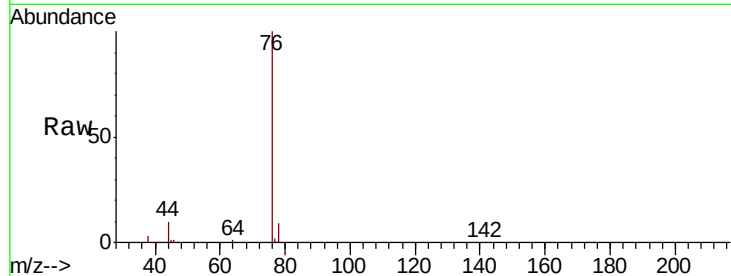
78 8.8 7.4 11.0

Manual Integrations

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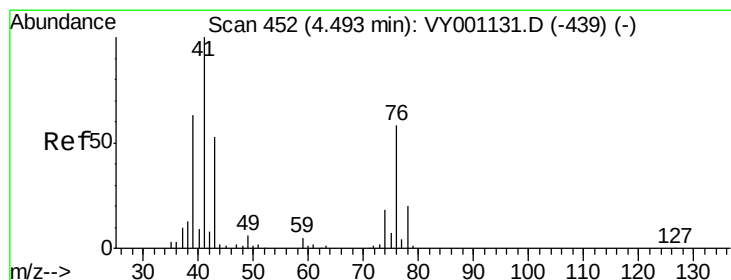
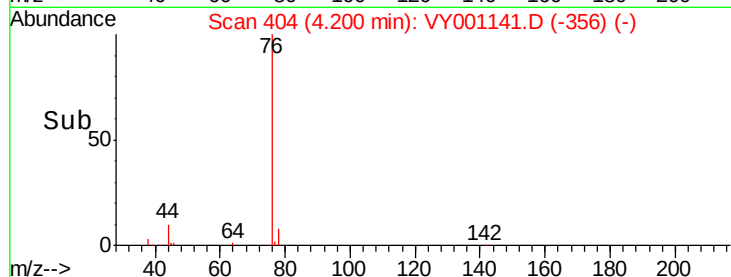
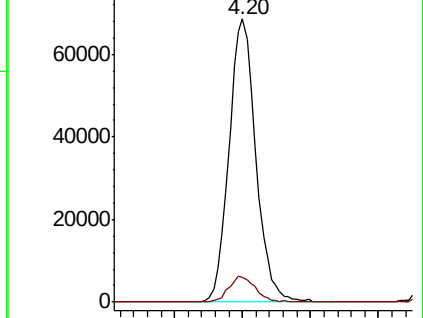
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.360 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY001141.D

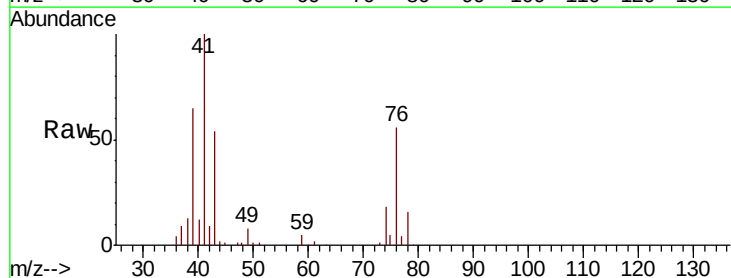
Acq: 02 Jan 2020 17:53

Tgt Ion: 43 Resp: 34021

Ion Ratio Lower Upper

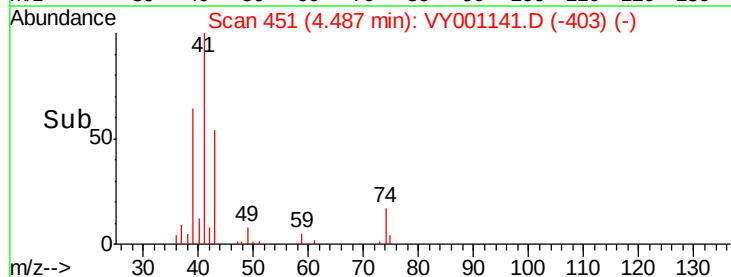
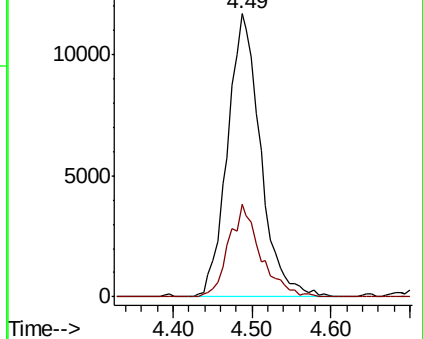
43 100

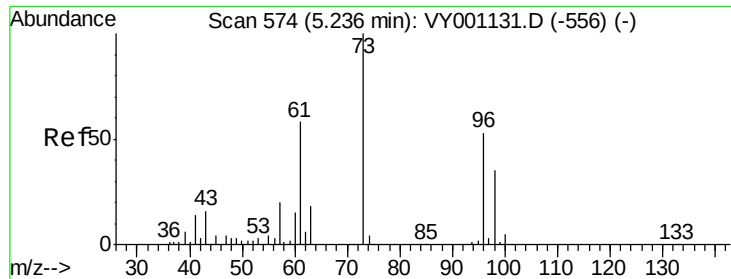
74 31.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





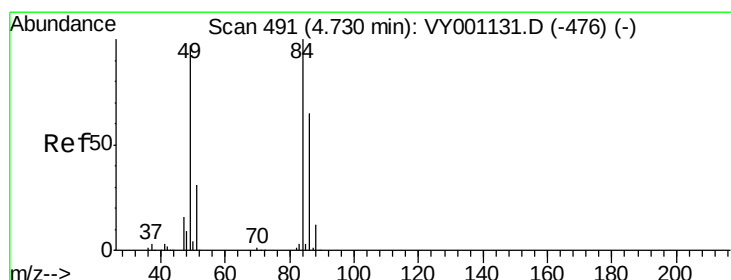
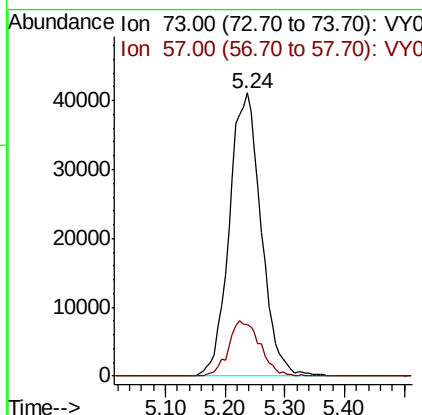
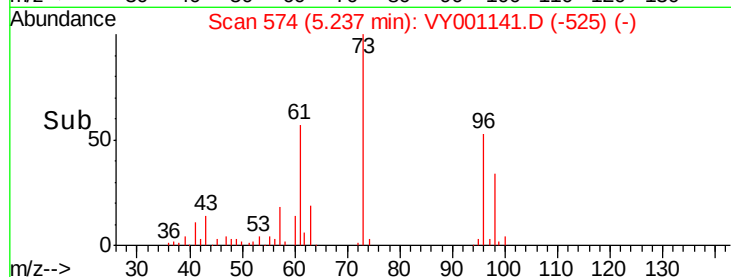
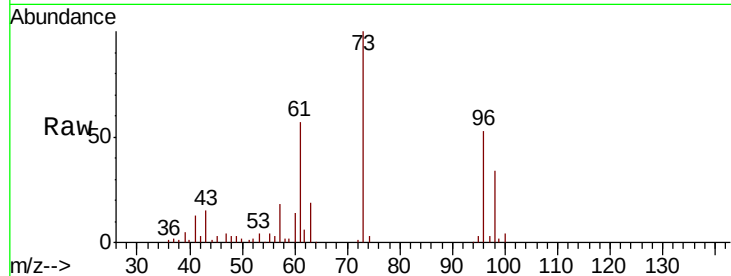
#19
Methyl tert-butyl Ether
Concen: 18.450 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 73 Resp: 152295
Ion Ratio Lower Upper
73 100
57 18.4 16.3 24.5

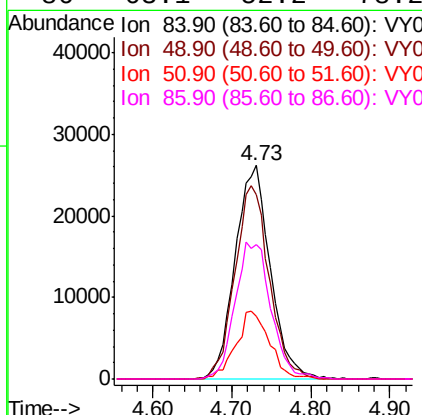
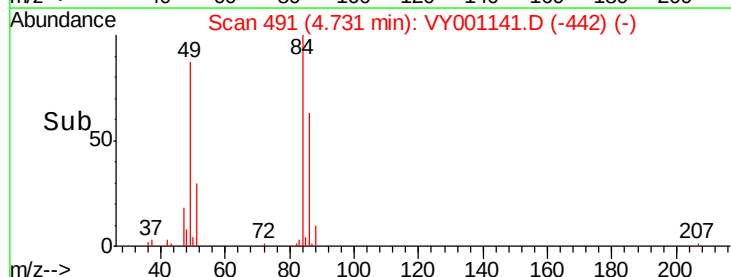
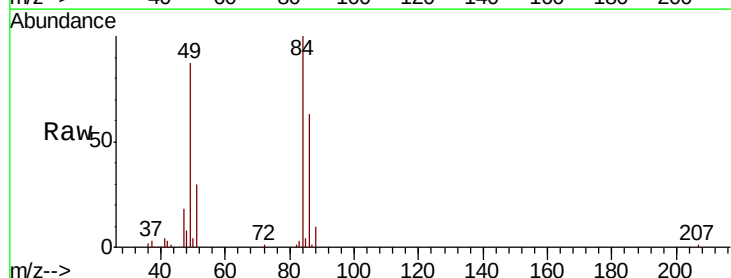
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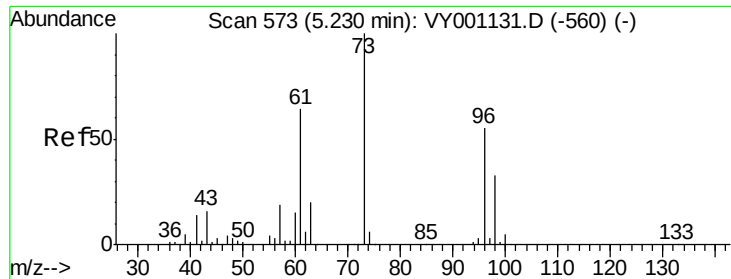
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#20
Methylene Chloride
Concen: 20.273 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion: 84 Resp: 81074
Ion Ratio Lower Upper
84 100
49 86.5 77.5 116.3
51 29.5 24.7 37.1
86 63.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.666 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

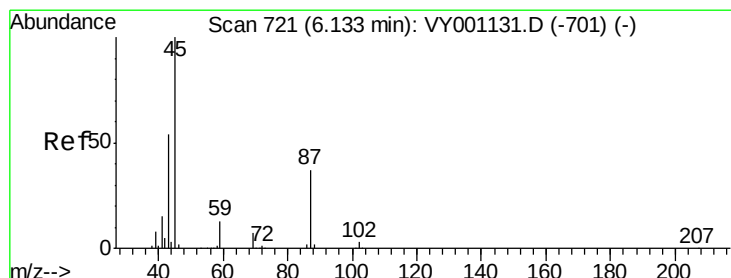
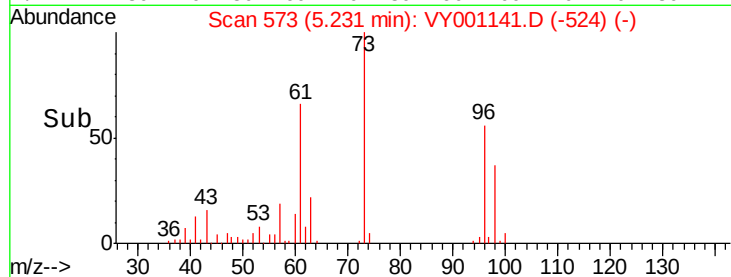
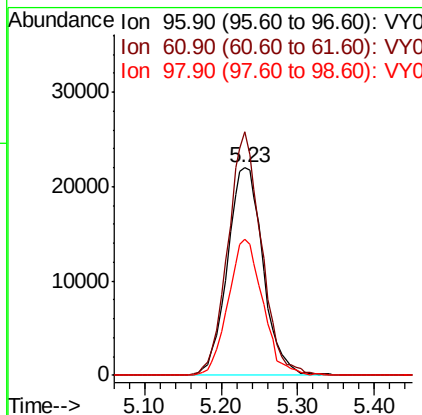
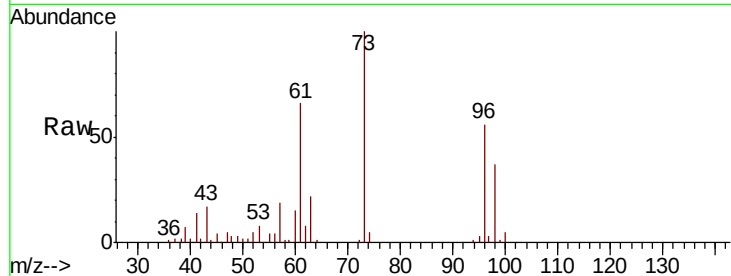
ClientSampleId :

VY0102SBS01

Tot Ion:	96	Resp:	70970
Ion	Ratio	Lower	Upper
96	100		
61	117.2	93.2	139.8
98	65.3	48.8	73.2

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#22

Diisopropyl ether

Concen: 19.447 ug/l

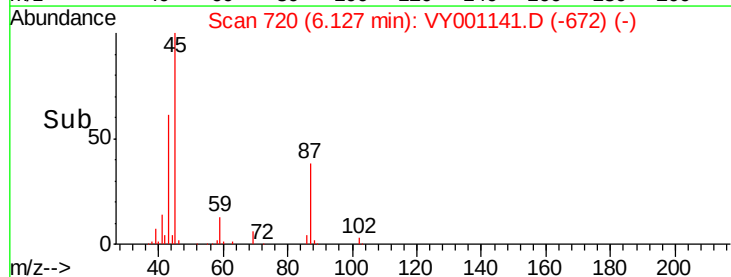
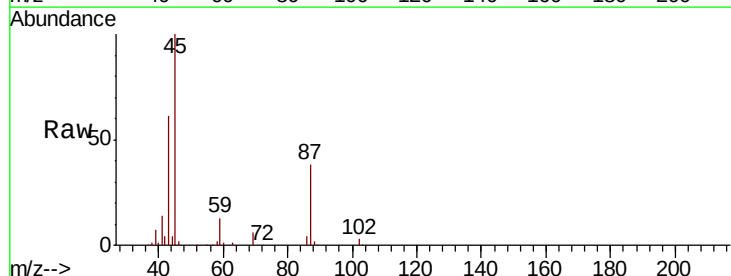
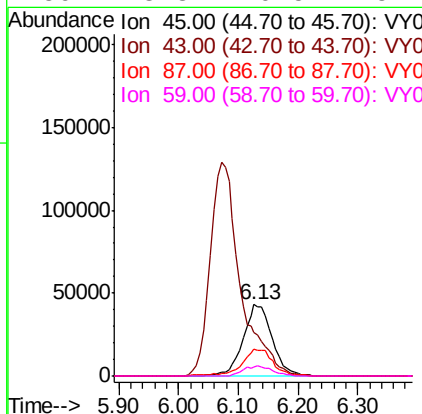
RT: 6.13 min Scan# 720

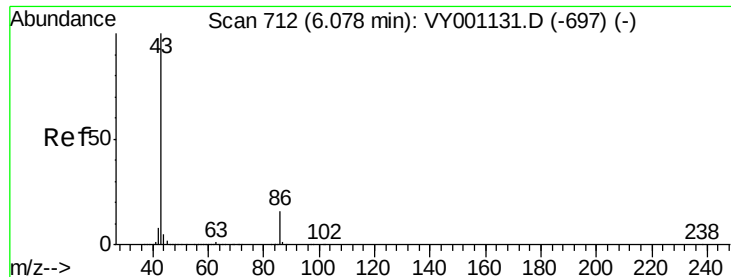
Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	45	Resp:	145766
Ion	Ratio	Lower	Upper
45	100		
43	61.1	43.7	65.5
87	37.5	30.0	45.0
59	13.3	10.5	15.7





#23

Vinyl Acetate

Concen: 93.277 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 43 Resp: 452170

Ion Ratio Lower Upper

43 100

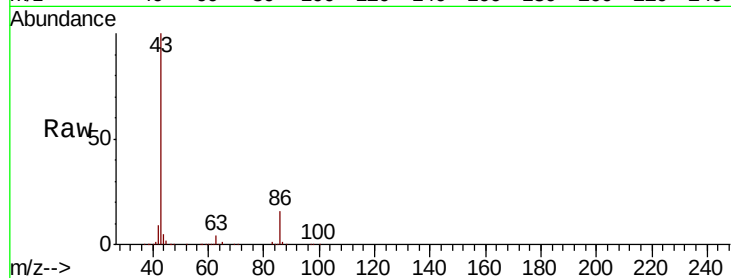
86 15.9 12.6 18.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

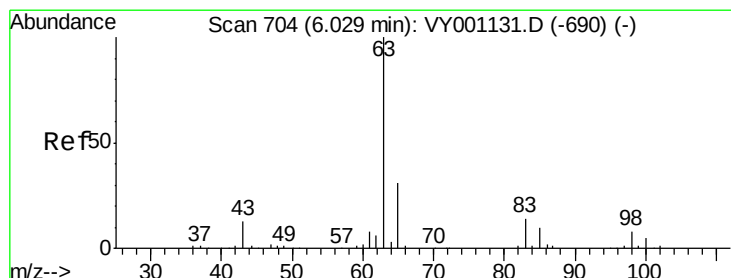
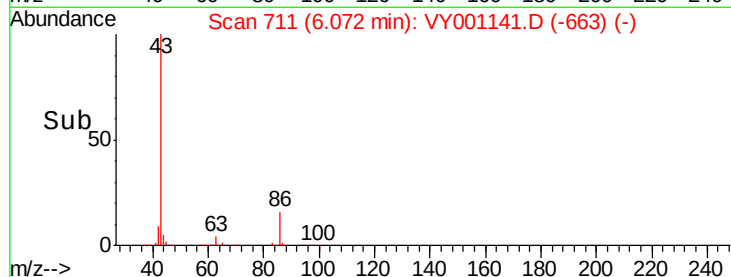
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.095 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

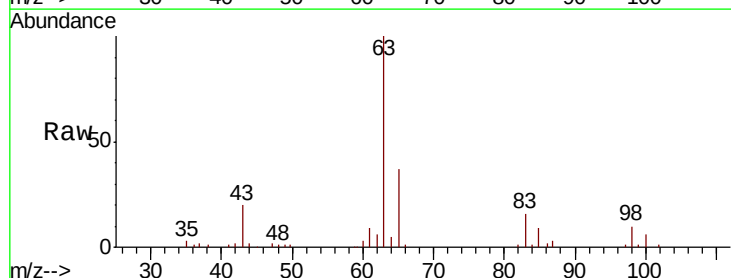
Tgt Ion: 63 Resp: 98938

Ion Ratio Lower Upper

63 100

98 10.1 4.1 12.3

100 6.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

40000

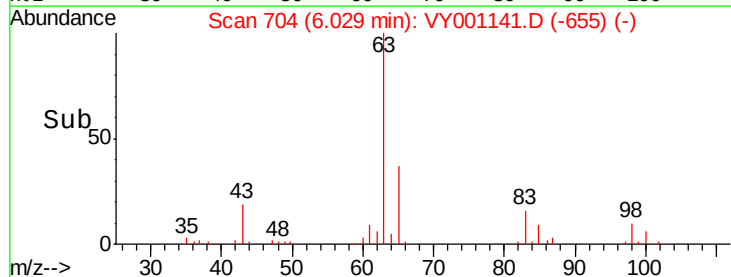
30000

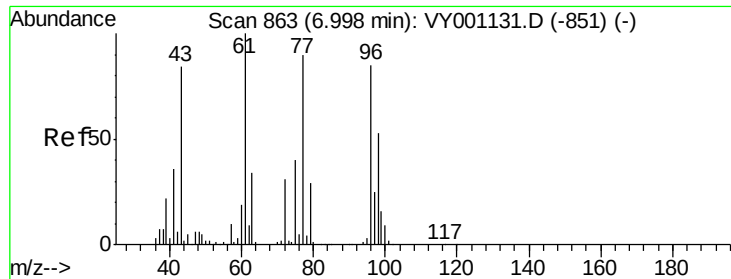
20000

10000

0

Time-->





#25

2-Butanone

Concen: 85.662 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 43 Resp: 81976

Ion Ratio Lower Upper

43 100

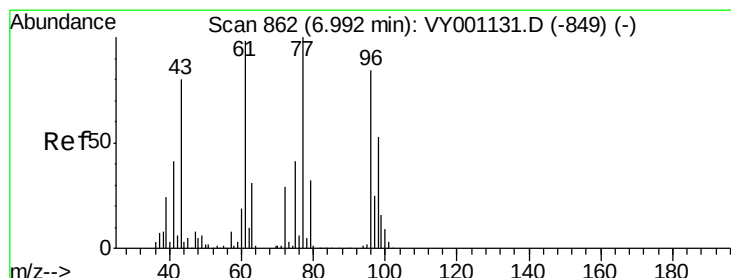
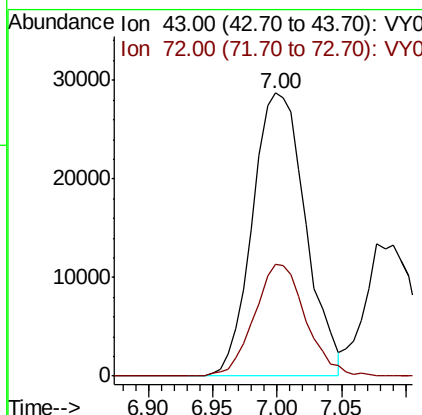
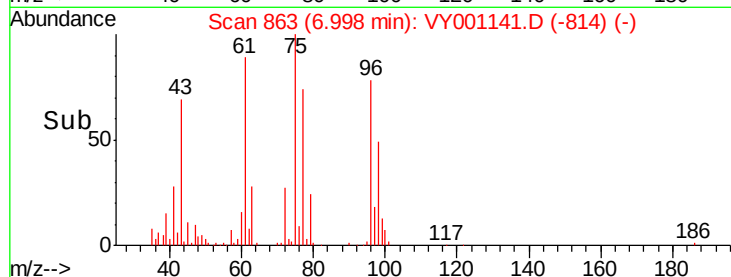
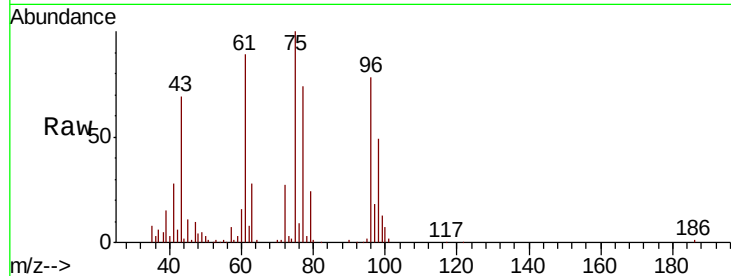
72 39.3 29.5 44.3

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#26

2,2-Dichloropropane

Concen: 16.846 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001141.D

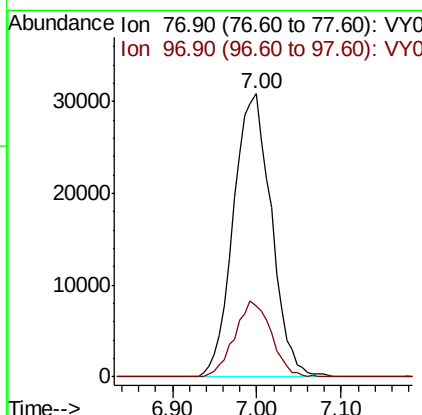
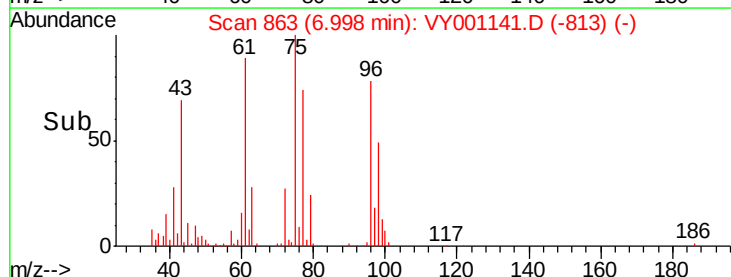
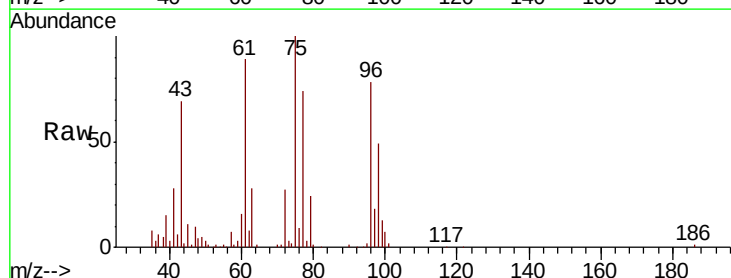
Acq: 02 Jan 2020 17:53

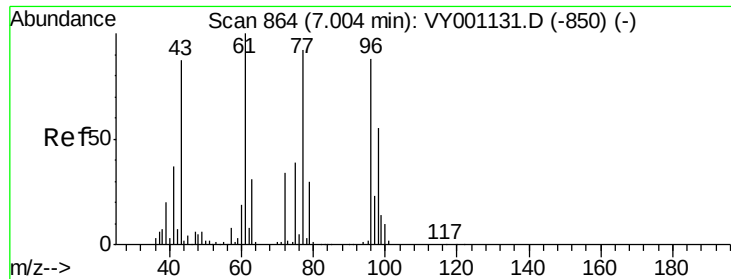
Tgt Ion: 77 Resp: 94168

Ion Ratio Lower Upper

77 100

97 25.9 12.6 37.6





#27

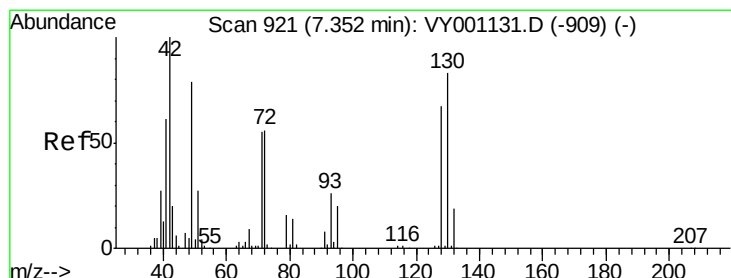
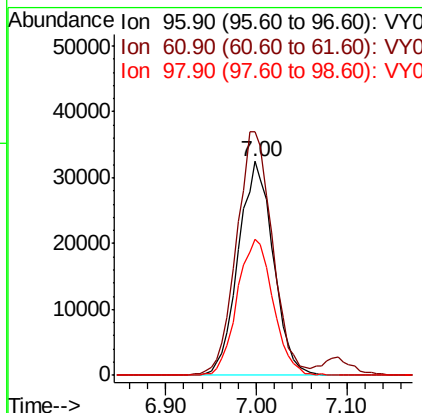
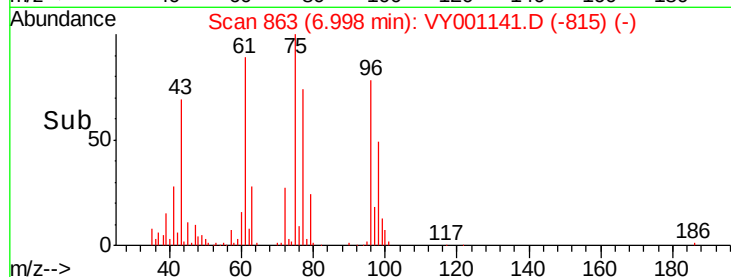
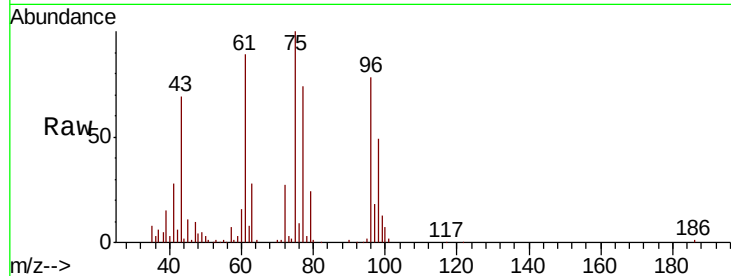
cis-1,2-Dichloroethene
Concen: 19.454 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.0	0.0	235.0
98	65.3	0.0	127.4

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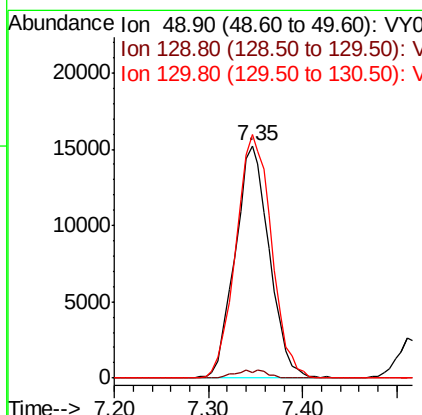
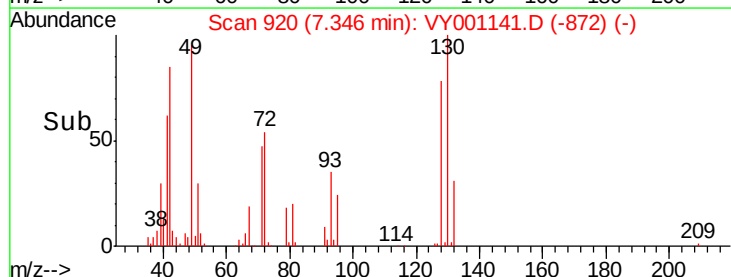
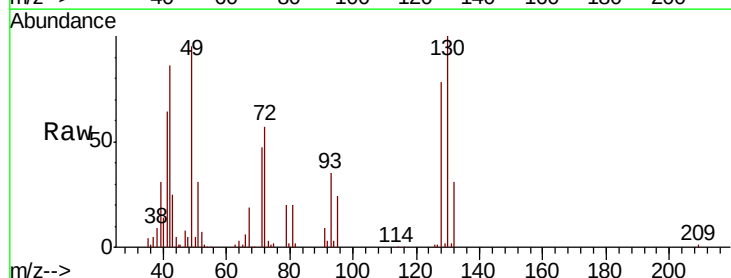
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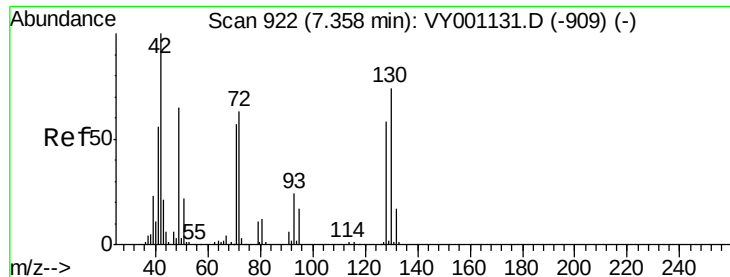


#28

Bromochloromethane
Concen: 19.875 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.0
130	109.0	86.9	130.3





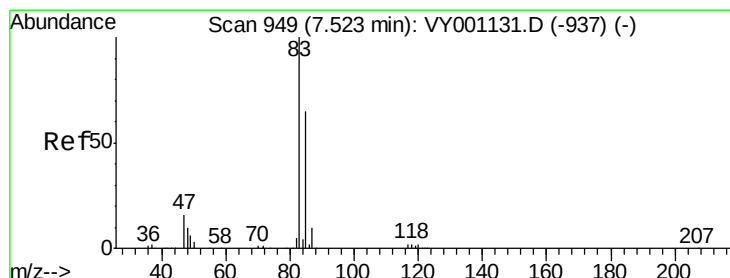
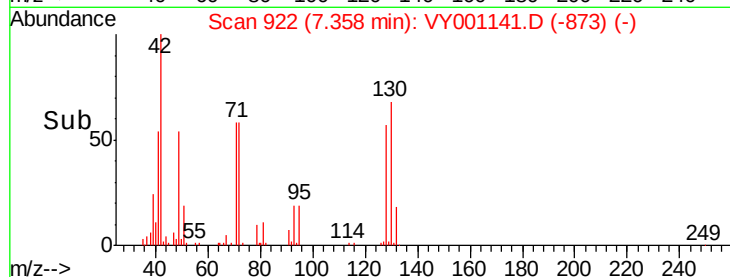
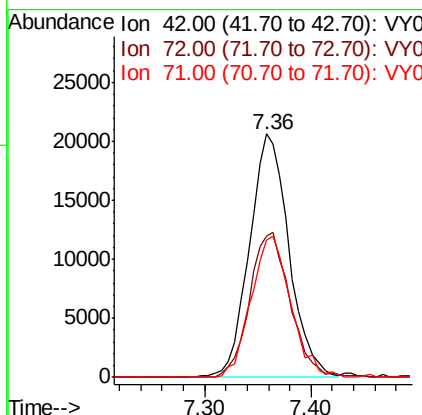
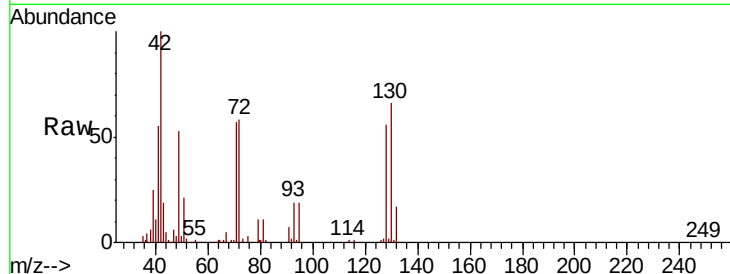
#29
Tetrahydrofuran
Concen: 83.340 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.9	49.0	73.6
71	58.2	45.3	67.9

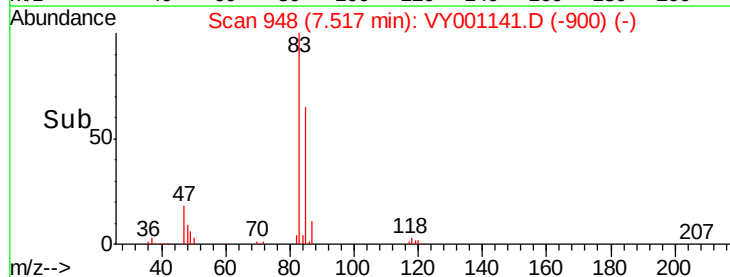
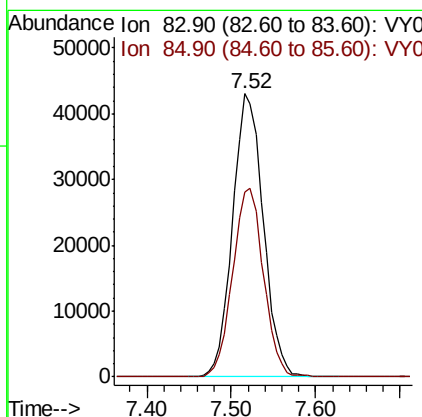
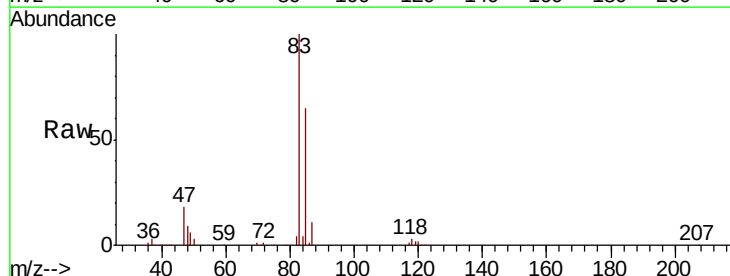
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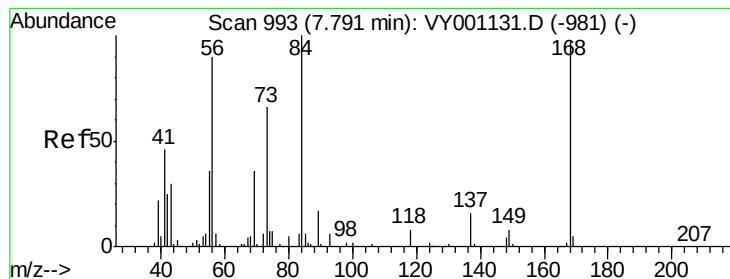
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#30
Chloroform
Concen: 16.721 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





#31

Cyclohexane

Concen: 16.452 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

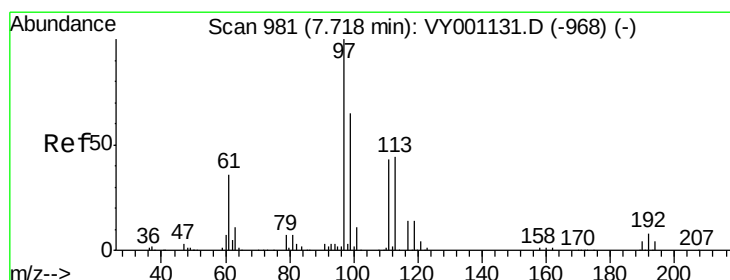
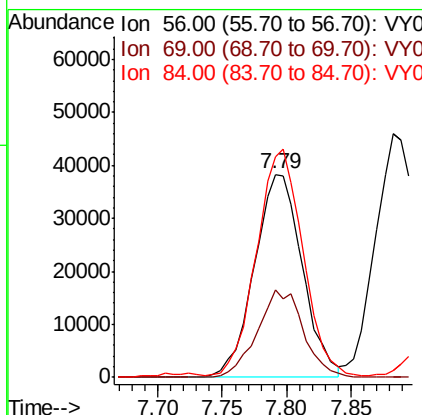
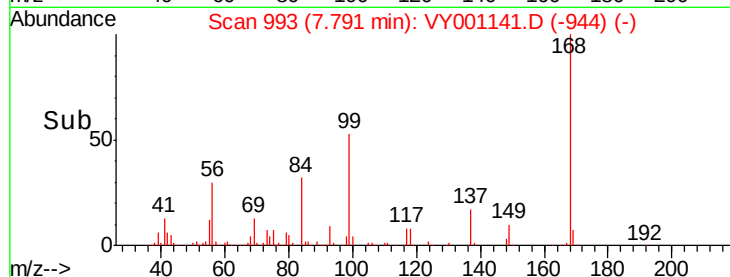
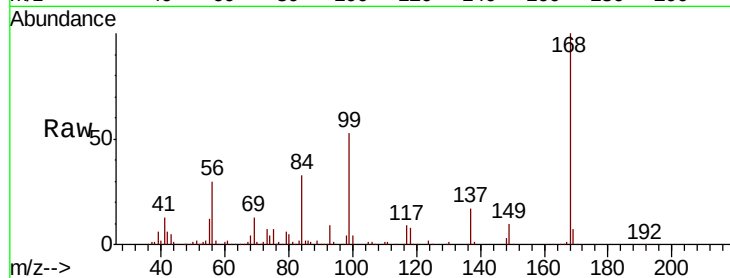
ClientSampleId :

VY0102SBS01

Tot Ion:	56	Resp:	98841
Ion Ratio	Lower	Upper	
56	100		
69	43.1	32.0	48.0
84	106.9	89.1	133.7

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#32

1,1,1-Trichloroethane

Concen: 16.095 ug/l

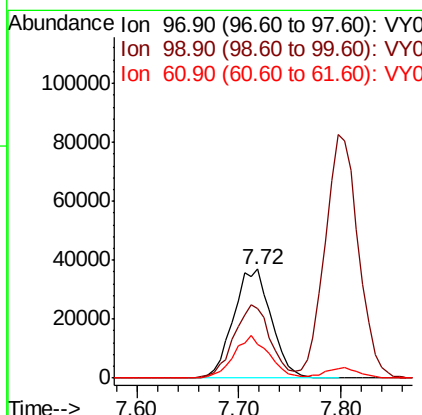
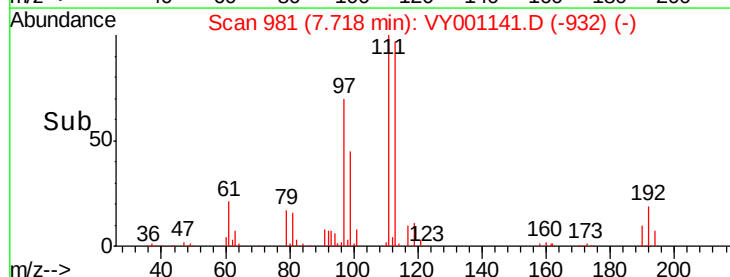
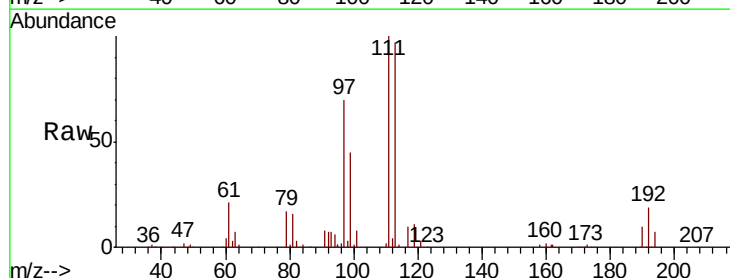
RT: 7.72 min Scan# 981

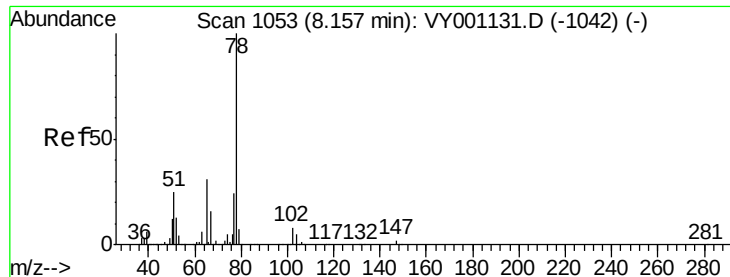
Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	97	Resp:	95027
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.0	76.6
61	36.2	29.2	43.8





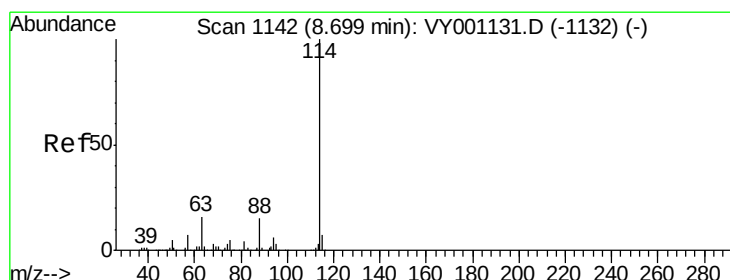
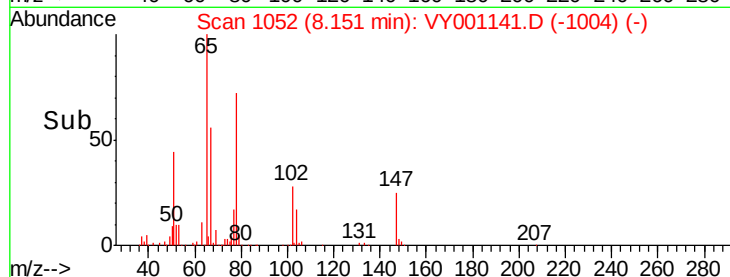
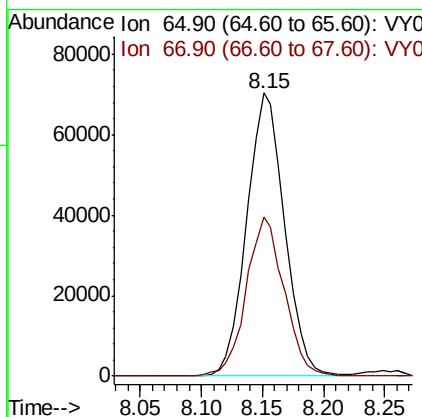
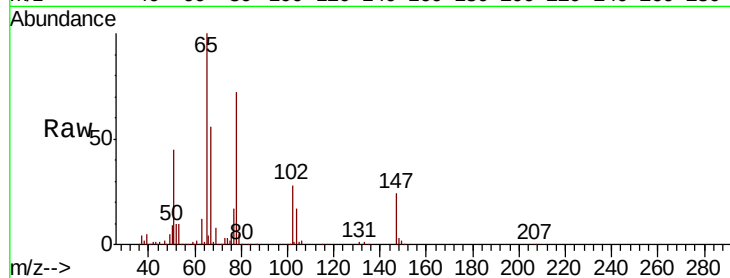
#33
 1,2-Dichloroethane-d4
 Concen: 49.754 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.1	0.0	110.6	

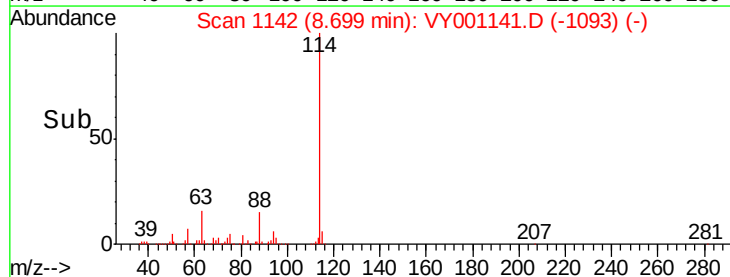
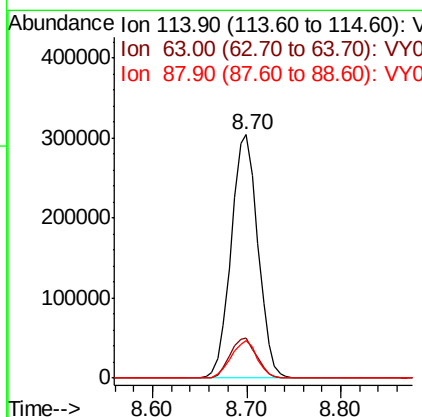
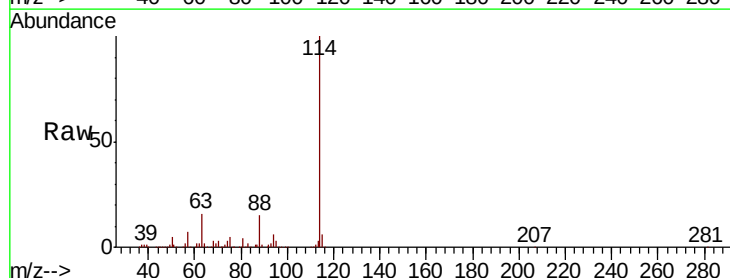
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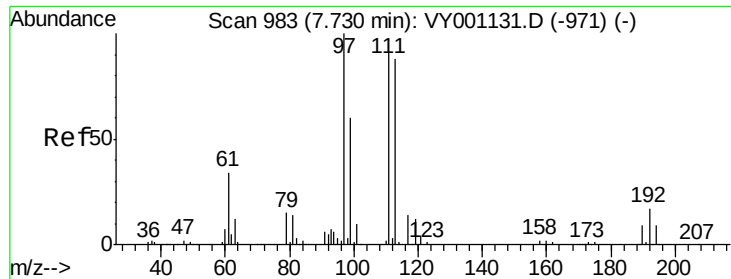
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.3	0.0	33.0	
88	15.4	0.0	30.0	





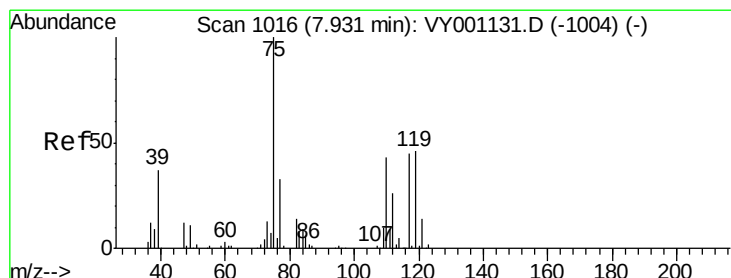
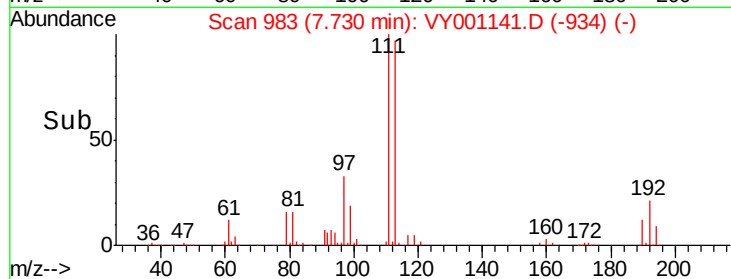
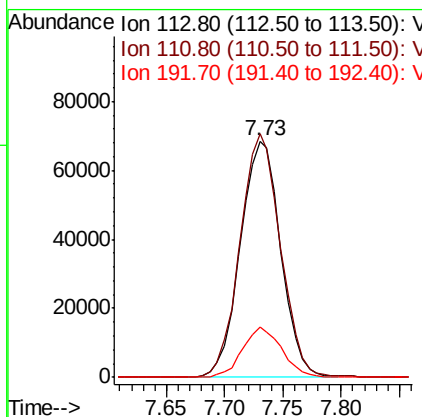
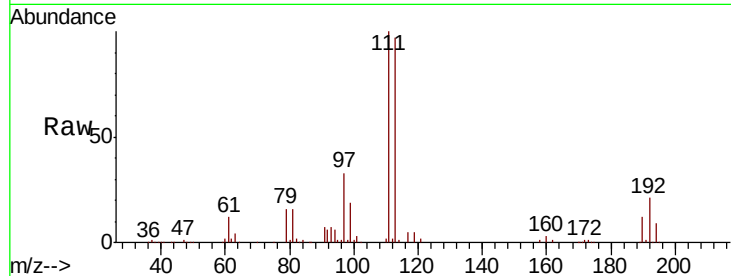
#35
 Dibromofluoromethane
 Concen: 48.353 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165402		
111	103.0	81.0	121.4	
192	20.6	16.4	24.6	

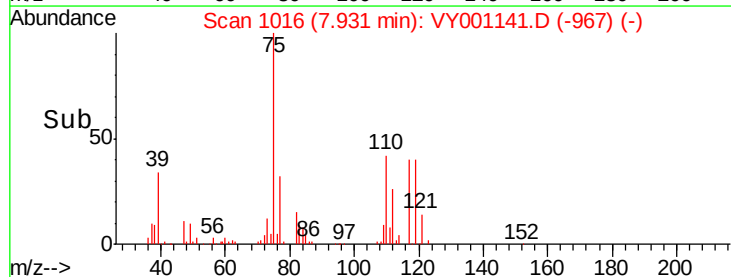
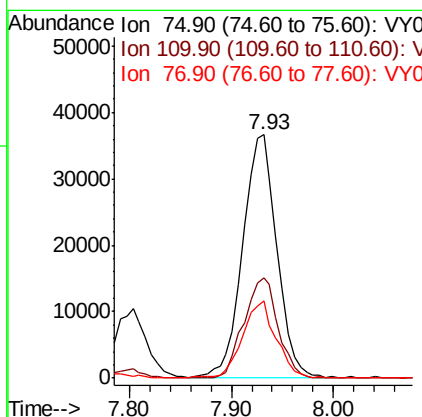
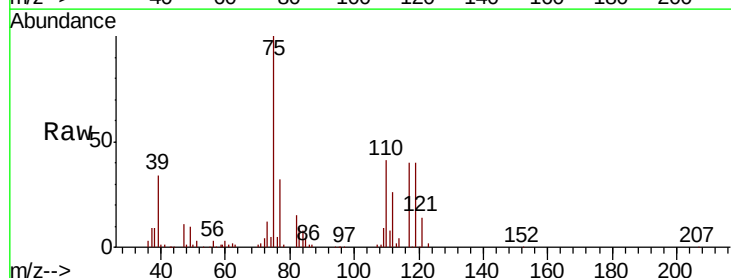
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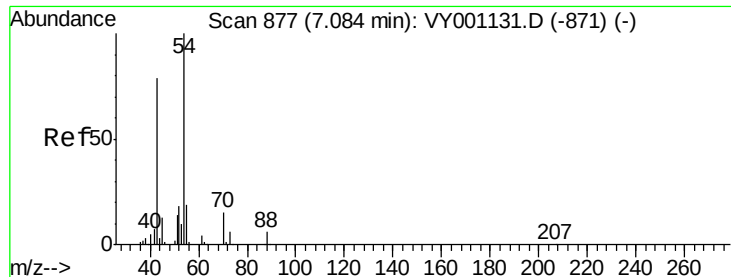
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#36
 1,1-Dichloropropene
 Concen: 16.180 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84917		
110	41.5	20.6	61.8	
77	31.4	25.7	38.5	





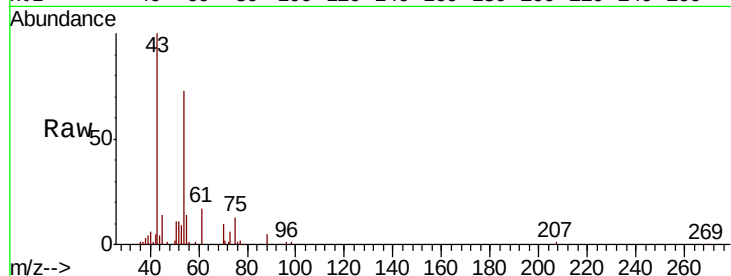
#37
Ethyl Acetate
Concen: 17.227 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleID :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.4	21.6
70	13.9	11.5	17.3

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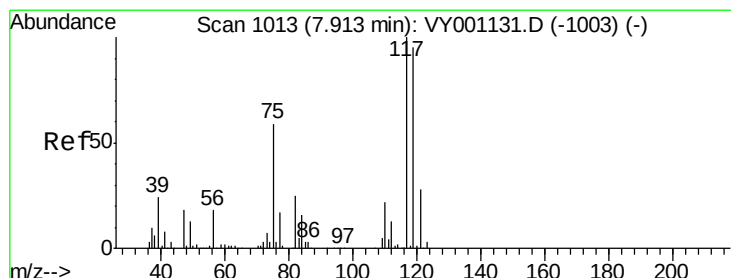
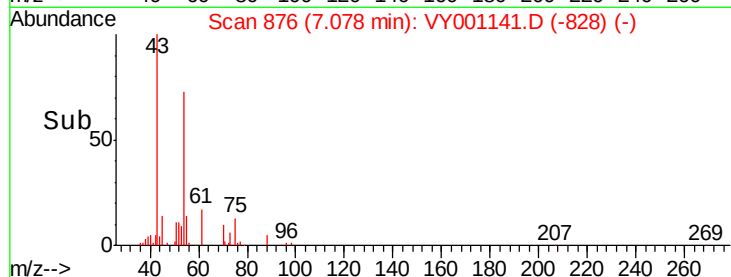
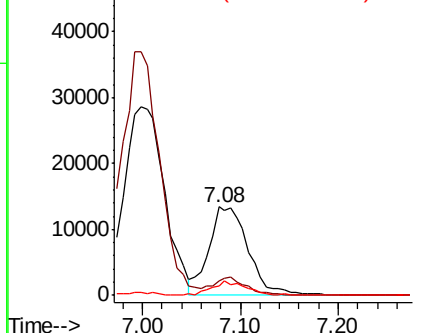


Abundance

Ion 43.00 (42.70 to 43.70): VY0

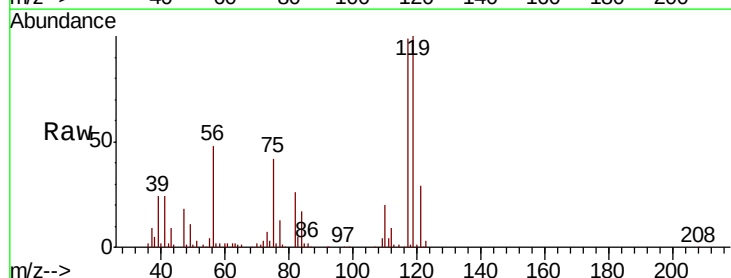
Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38
Carbon Tetrachloride
Concen: 15.696 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.3	75.8	113.6
121	29.2	22.5	33.7

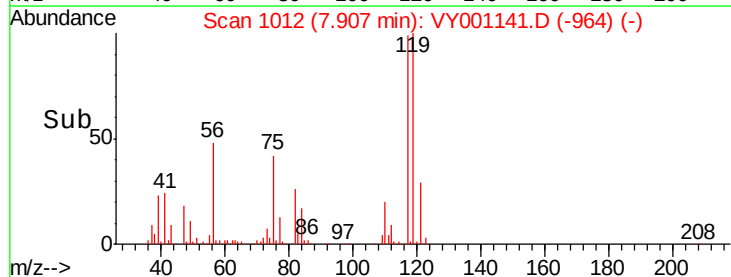
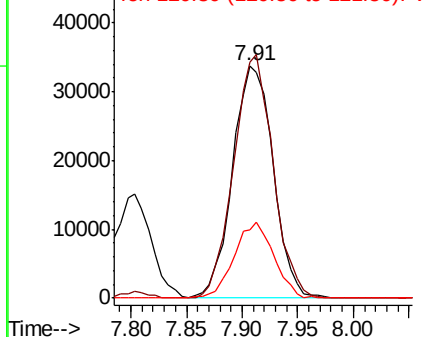


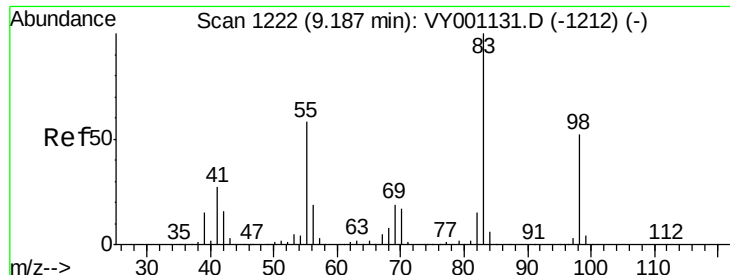
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





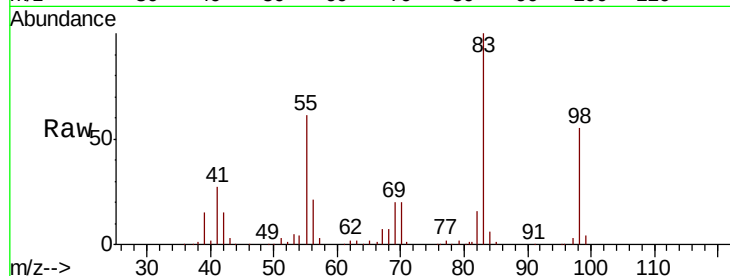
#39
Methylvlcyclohexane
Concen: 16.406 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	119290		
55	60.8		46.4	69.6
98	55.1		41.5	62.3

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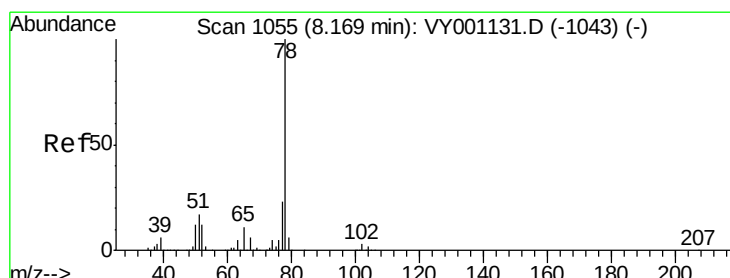
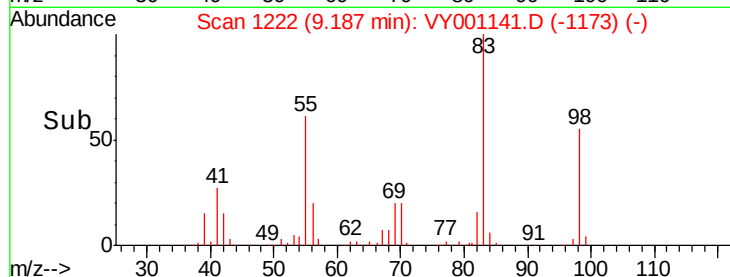
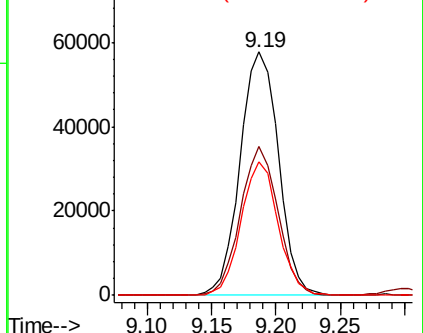


Abundance

Ion 83.00 (82.70 to 83.70): VY0

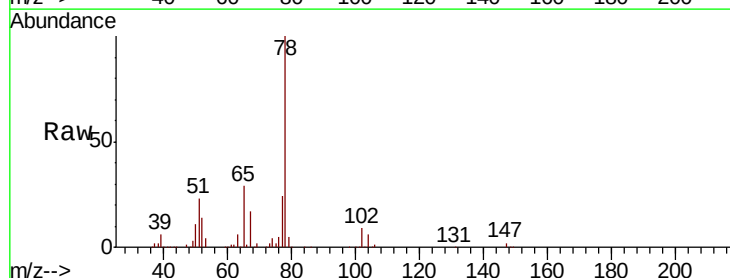
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 16.370 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

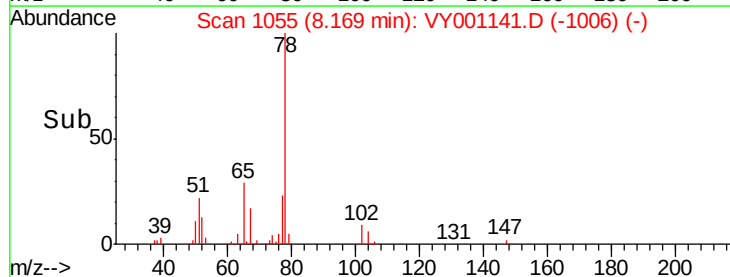
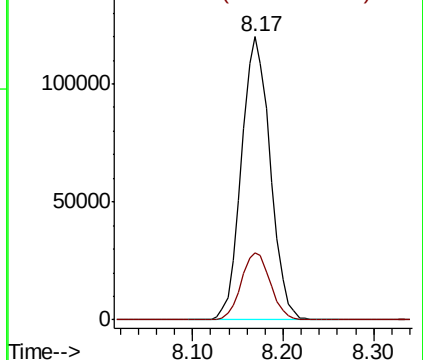
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	264506		
77	23.5		18.8	28.2

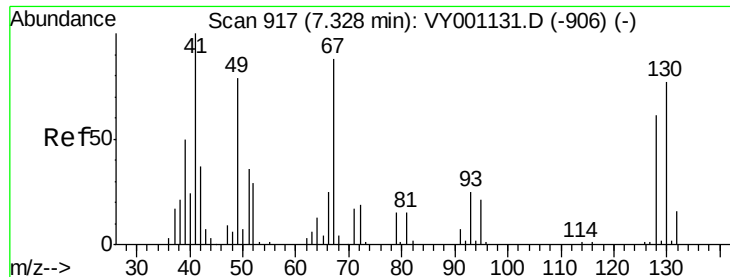


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





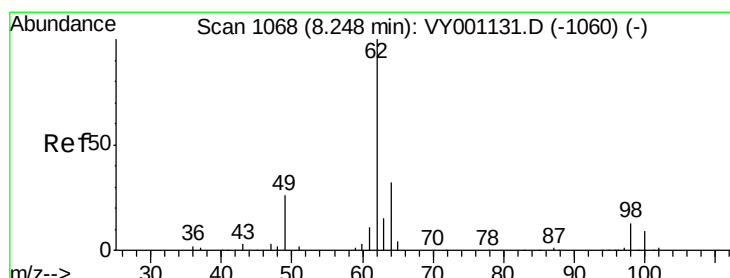
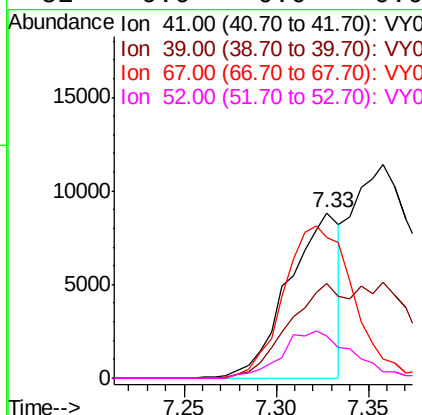
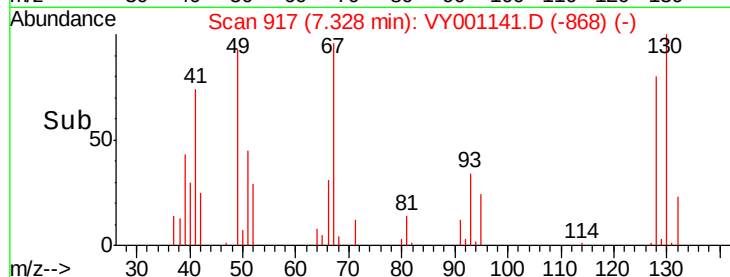
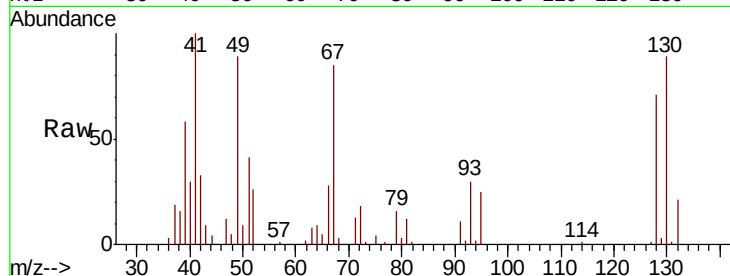
#41
Methacrylonitrile
Concen: 18.303 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	41	Resp	17391
Ion	Ratio	Lower	Upper
41	100		
39	0.0	122.9	184.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

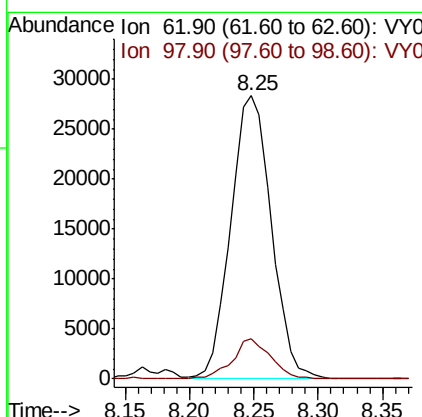
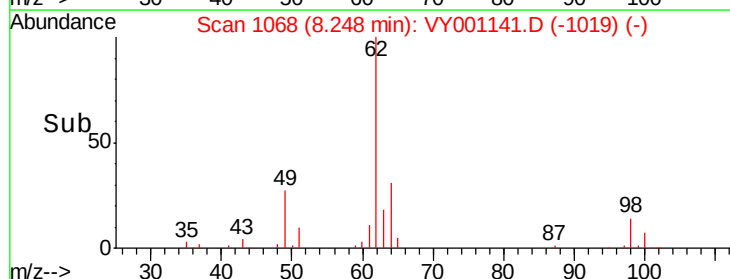
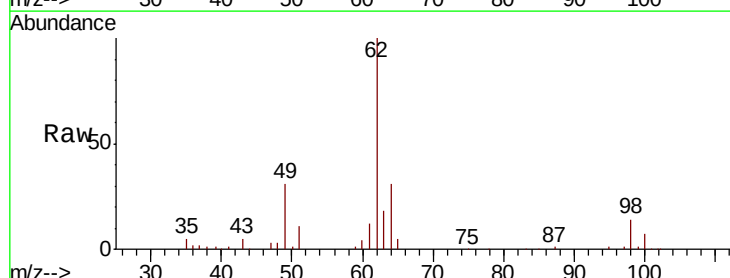
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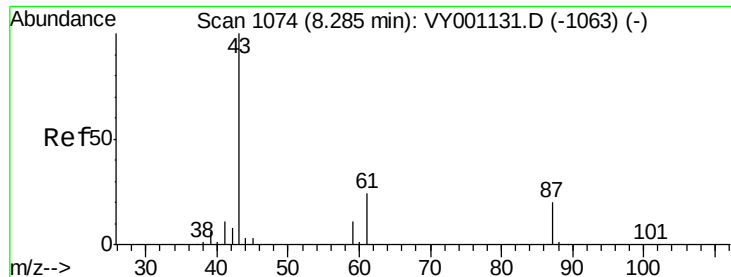
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#42
1,2-Dichloroethane
Concen: 16.165 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	62	Resp	62162
Ion	Ratio	Lower	Upper
62	100		
98	13.3	0.0	24.4





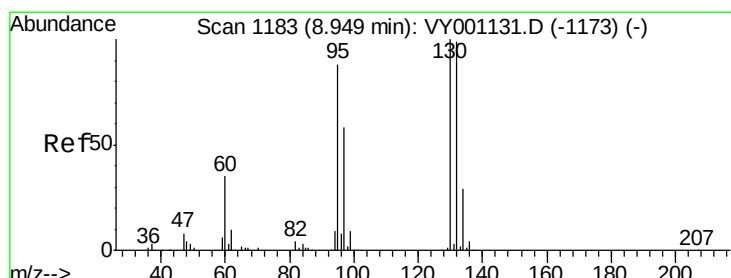
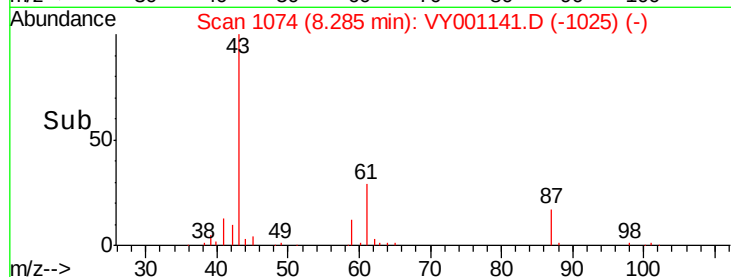
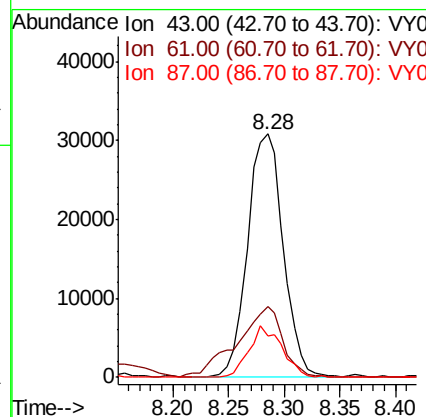
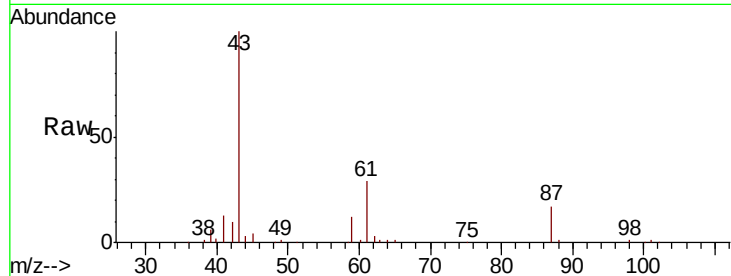
#43
Isopropyl Acetate
Concen: 16.072 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	37.3	29.1	43.7
87	19.4	15.4	23.2

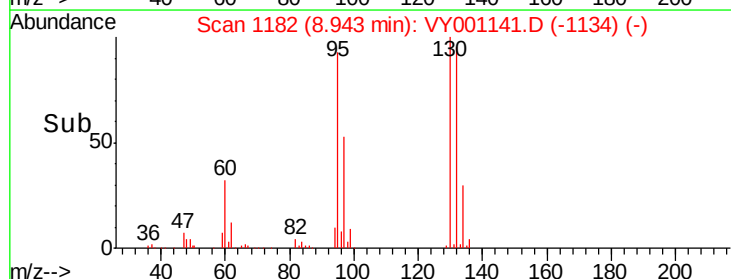
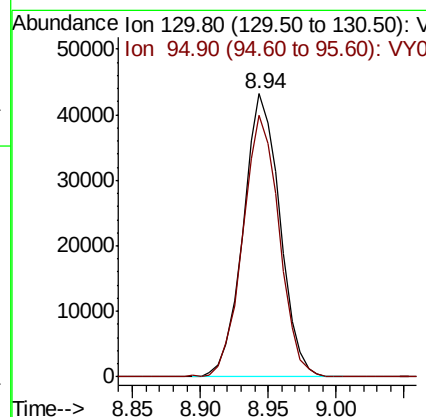
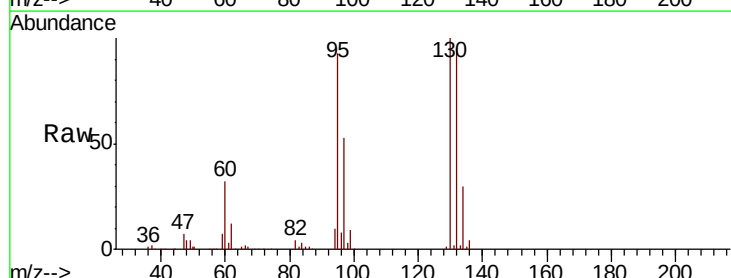
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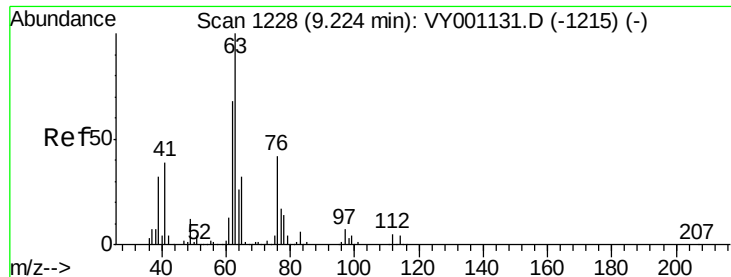
apatel
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#44
Trichloroethene
Concen: 16.843 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	176.8





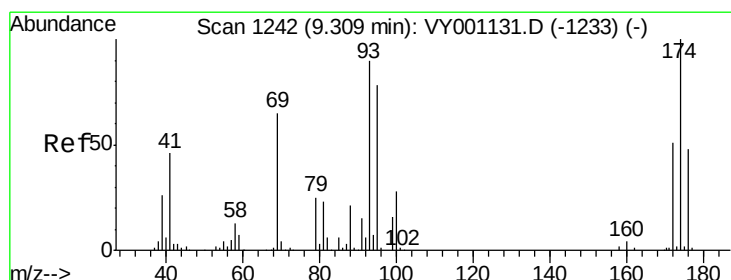
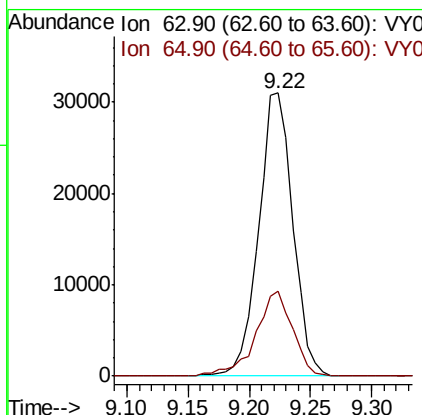
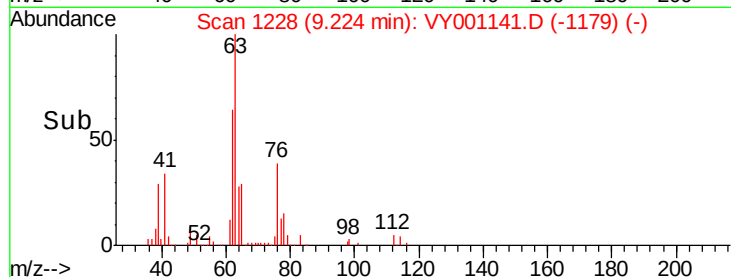
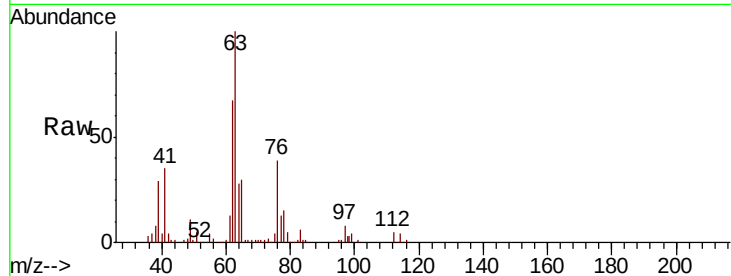
#45
 1,2-Dichloropropane
 Concen: 16.822 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion: 63 Resp: 60369
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.6 38.4

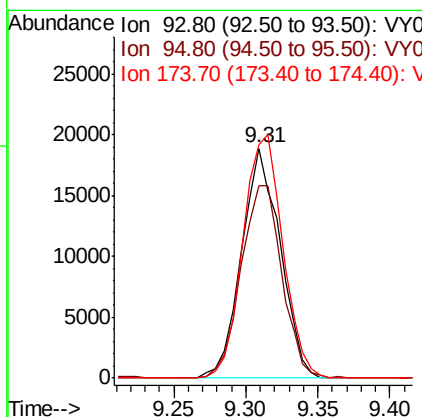
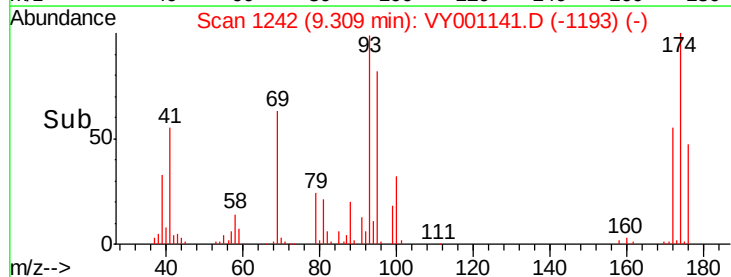
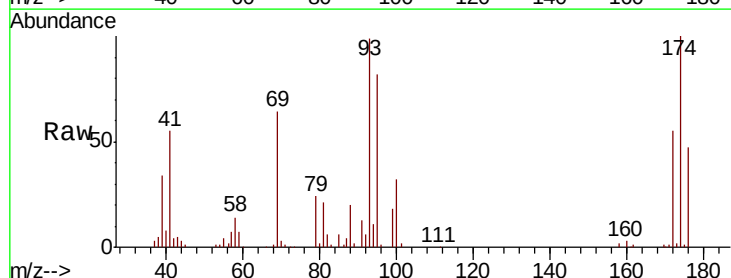
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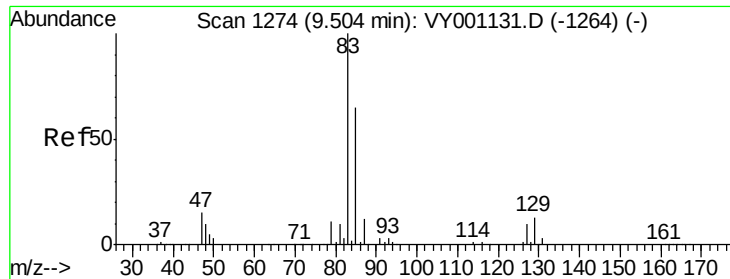
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#46
 Dibromomethane
 Concen: 16.603 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion: 93 Resp: 35094
 Ion Ratio Lower Upper
 93 100
 95 88.7 68.7 103.1
 174 109.0 88.0 132.0





#47

Bromodichloromethane

Concen: 16.696 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

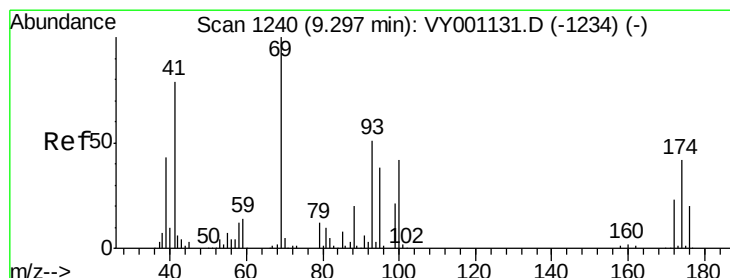
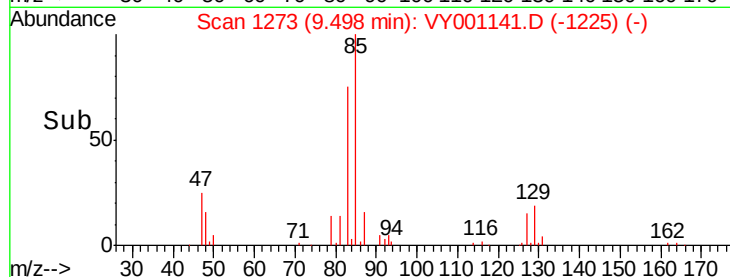
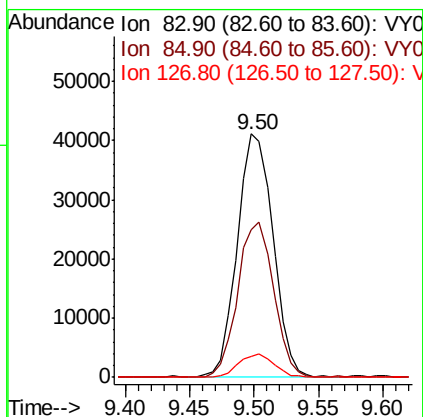
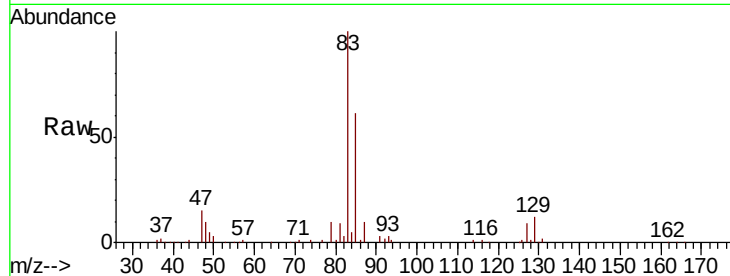
ClientSampleId :

VY0102SBS01

Tot Ion:	83	Resp:	79401
Ion Ratio	Lower	Upper	
83	100		
85	60.6	51.7	77.5
127	8.8	7.6	11.4

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#48

Methyl methacrylate

Concen: 16.344 ug/l

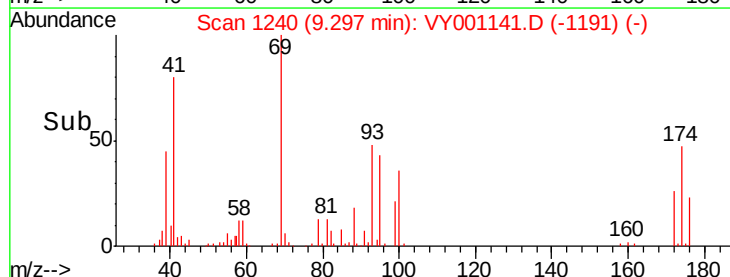
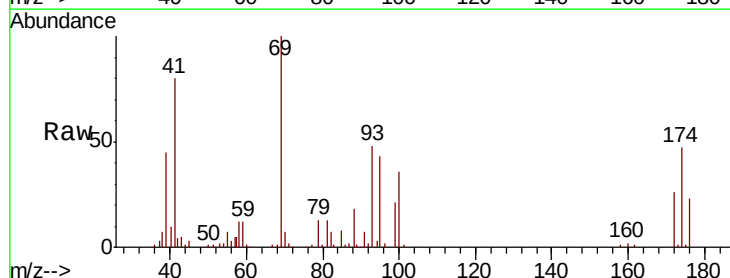
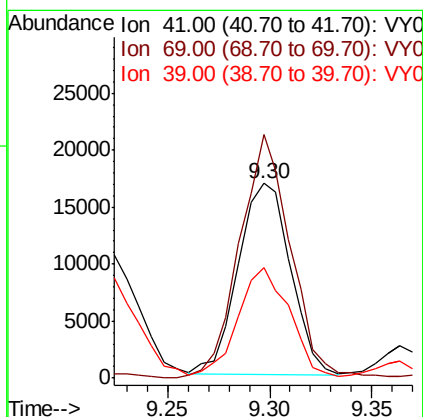
RT: 9.30 min Scan# 1240

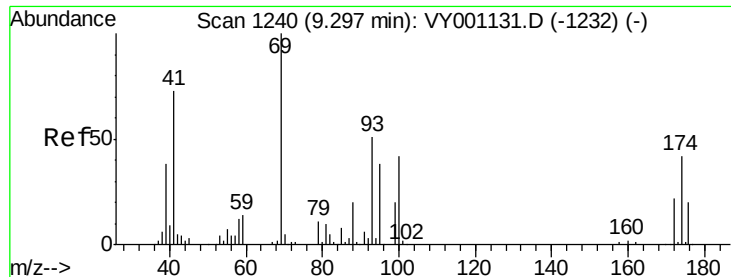
Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	41	Resp:	29864
Ion Ratio	Lower	Upper	
41	100		
69	124.3	100.3	150.5
39	57.4	47.6	71.4





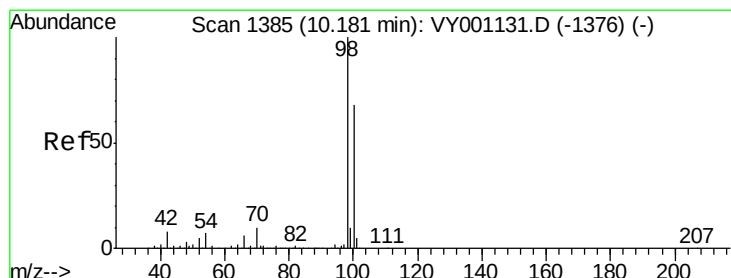
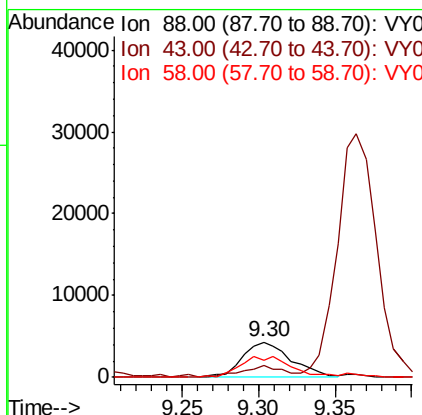
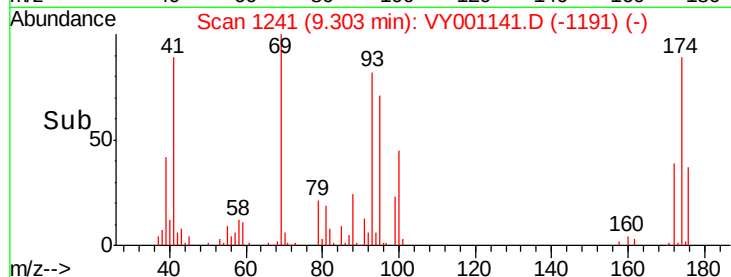
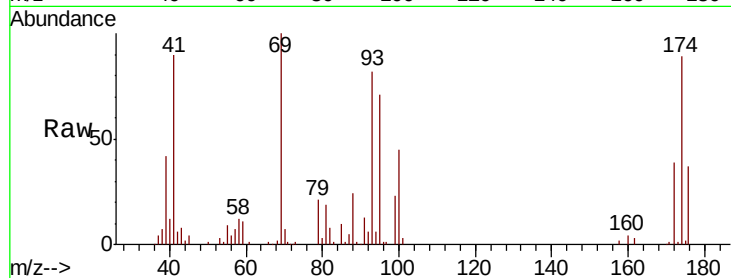
#49
 1,4-Dioxane
 Concen: 302.896 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	88	Resp	9630
Ion Ratio	100	Lower	Upper
88	100		
43	29.3	19.0	28.4#
58	61.5	48.2	72.4

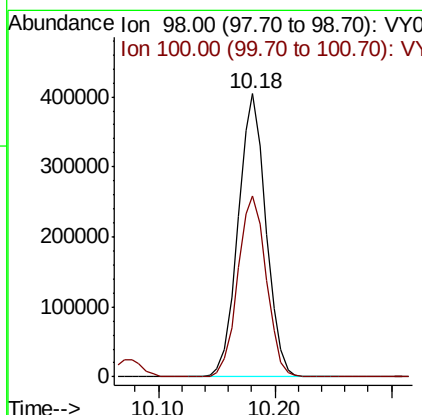
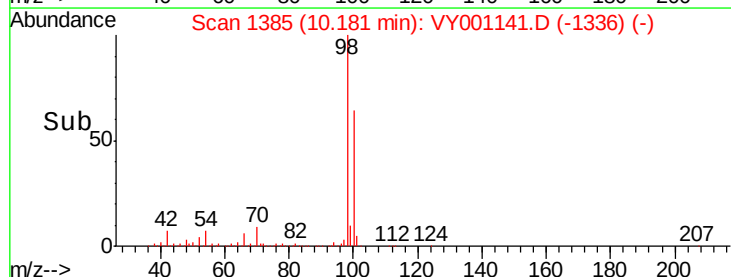
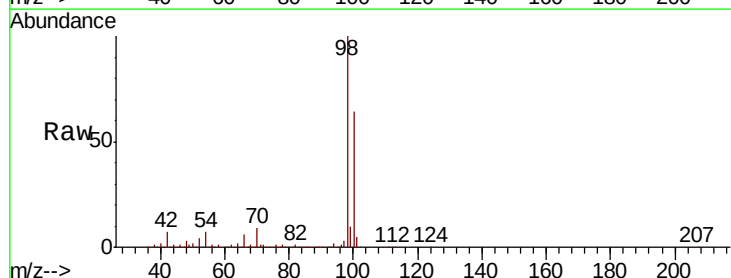
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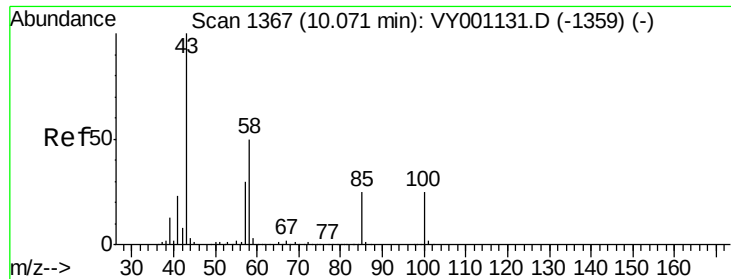
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#50
 Toluene-d8
 Concen: 53.786 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	98	Resp	672665
Ion Ratio	100	Lower	Upper
98	100		
100	65.6	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 88.617 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 43 Resp: 179253

Ion Ratio Lower Upper

43 100

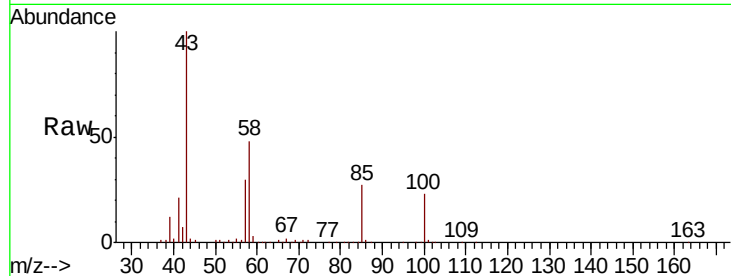
58 48.2 39.1 58.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

120000

100000

80000

60000

40000

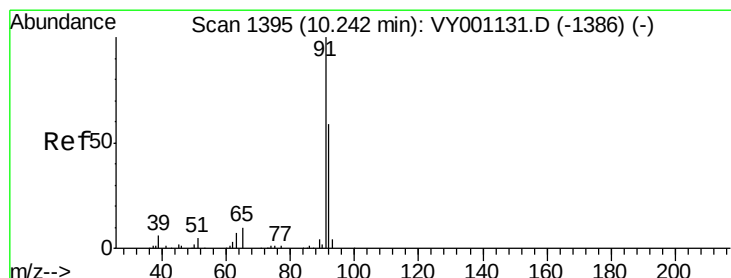
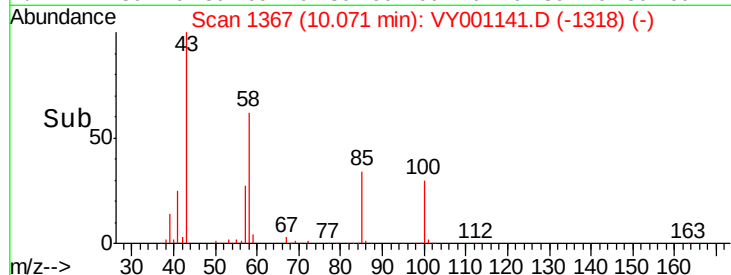
20000

0

10.00

10.10

Time-->



#52

Toluene

Concen: 17.059 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001141.D

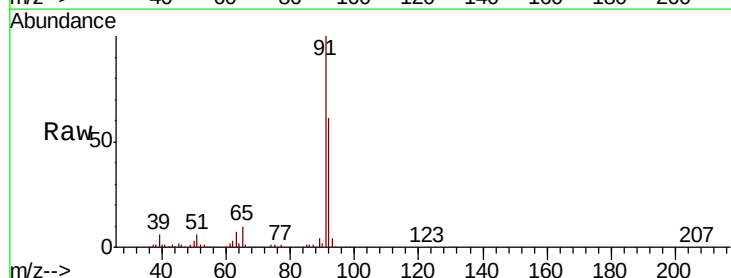
Acq: 02 Jan 2020 17:53

Tgt Ion: 92 Resp: 167869

Ion Ratio Lower Upper

92 100

91 171.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

150000

100000

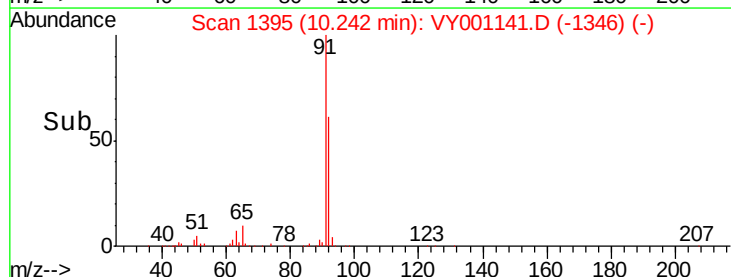
50000

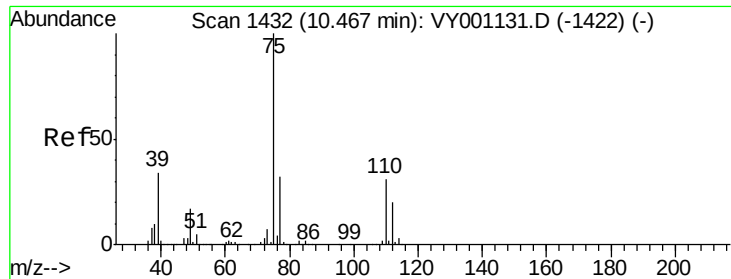
0

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.984 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 75 Resp: 84371

Ion Ratio Lower Upper

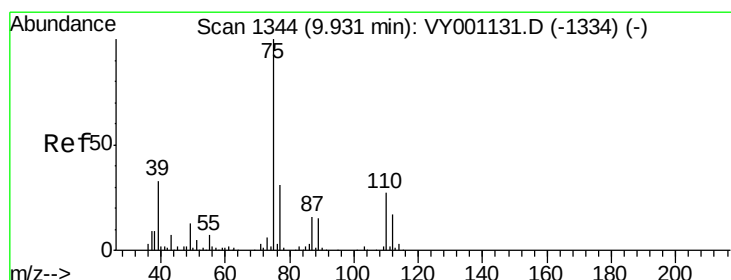
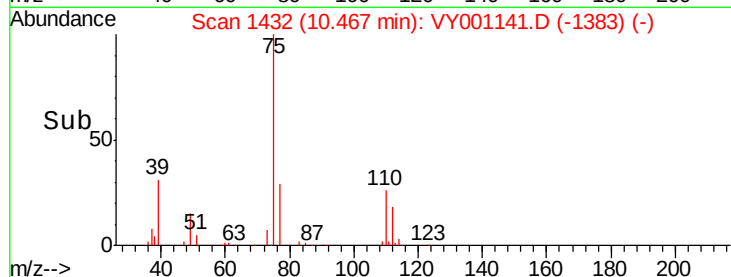
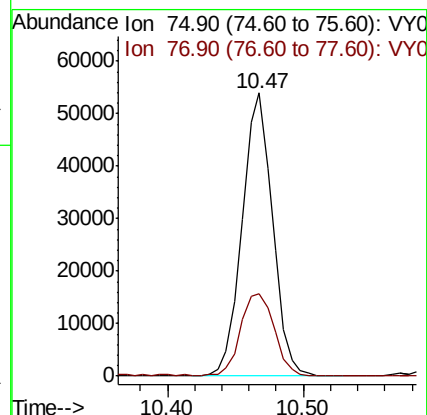
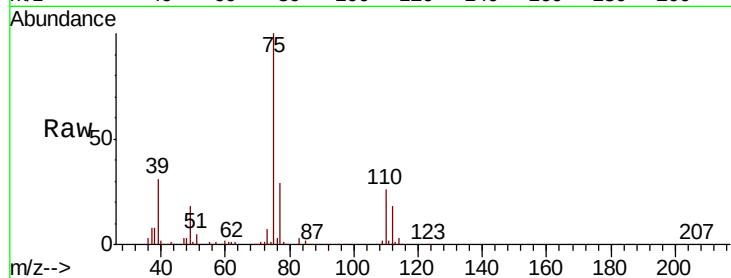
75 100

77 29.2 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 17.237 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

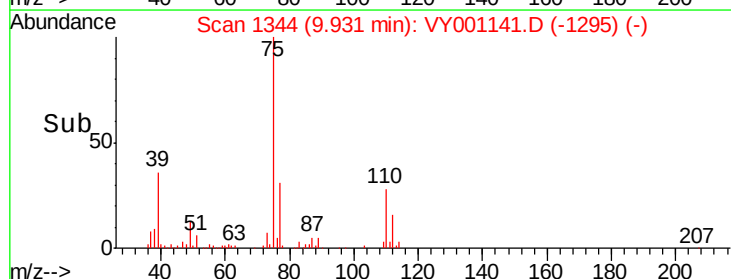
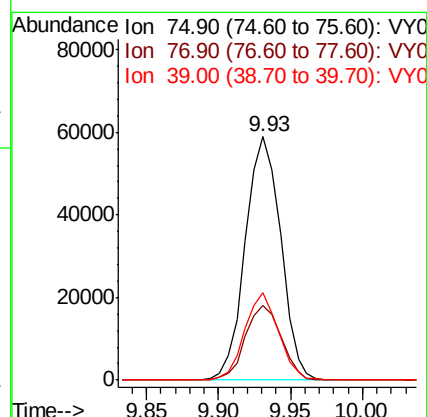
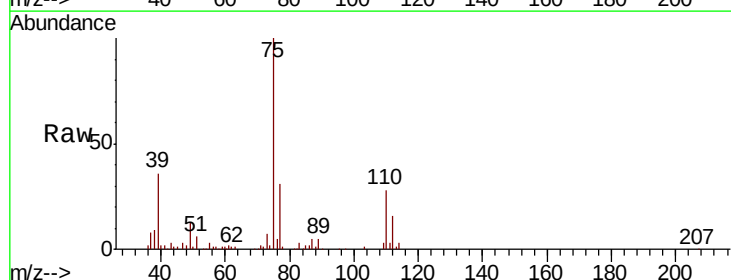
Tgt Ion: 75 Resp: 100592

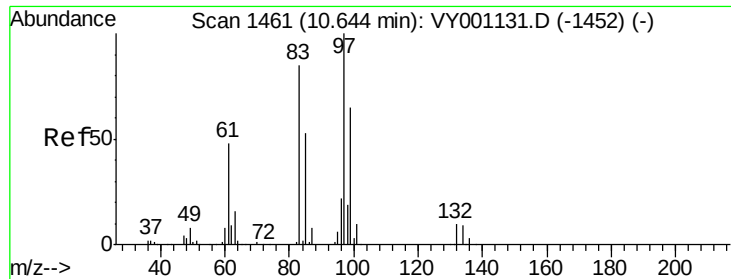
Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

39 35.7 26.2 39.4





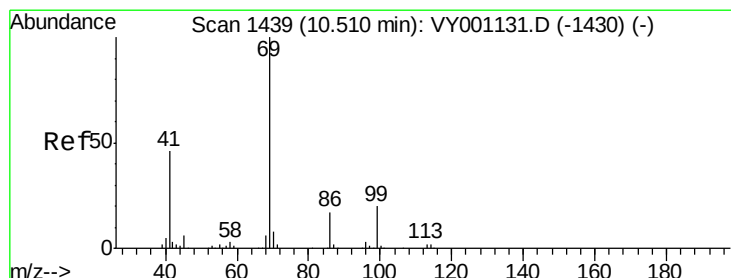
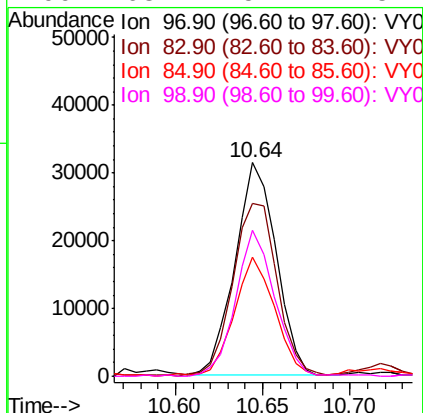
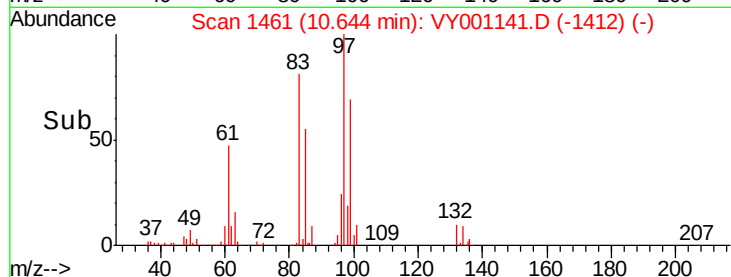
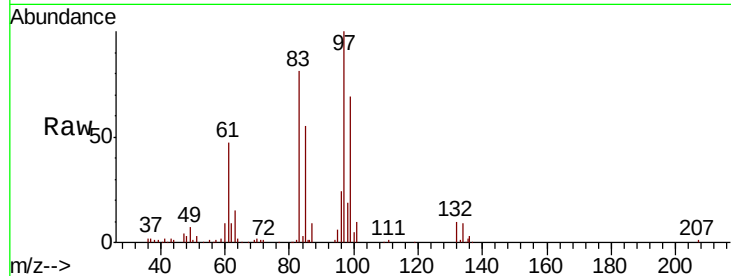
#55
 1,1,2-Trichloroethane
 Concen: 16.876 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.7	101.5
85	55.2	42.7	64.1
99	68.7	52.2	78.2

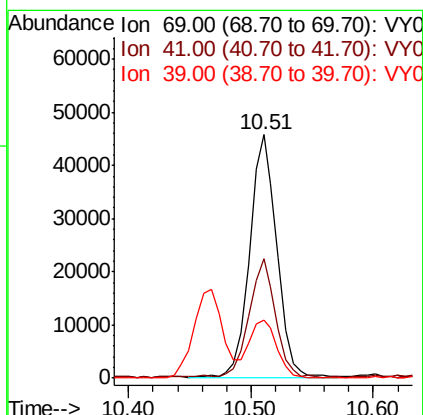
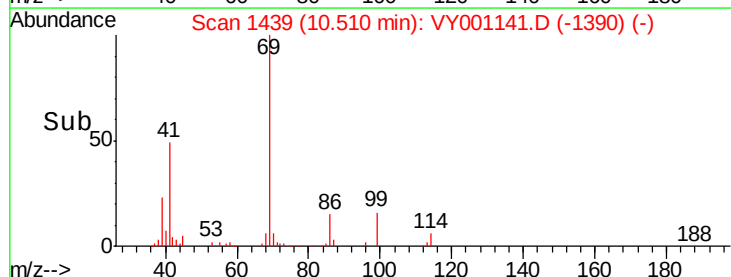
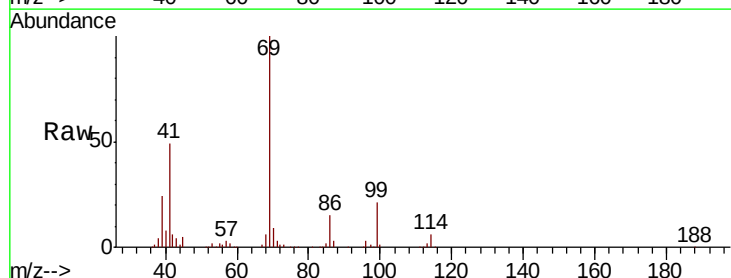
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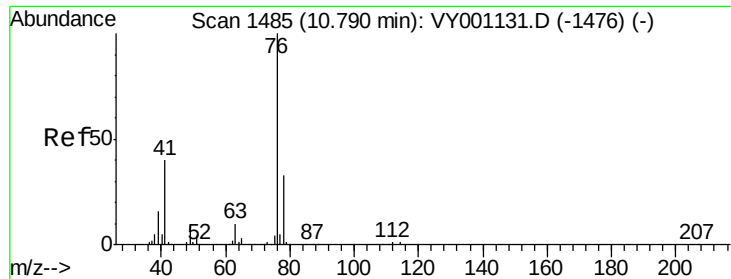
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#56
 Ethyl methacrylate
 Concen: 17.925 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	46.9	37.5	56.3
39	25.7	19.0	28.6





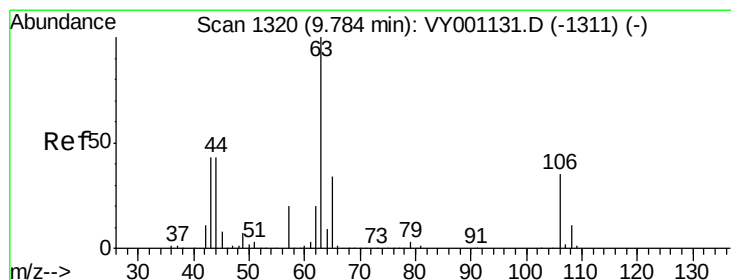
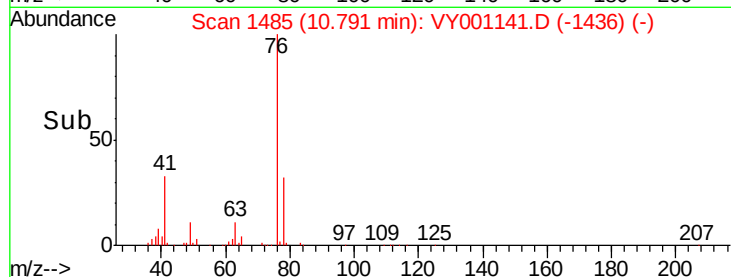
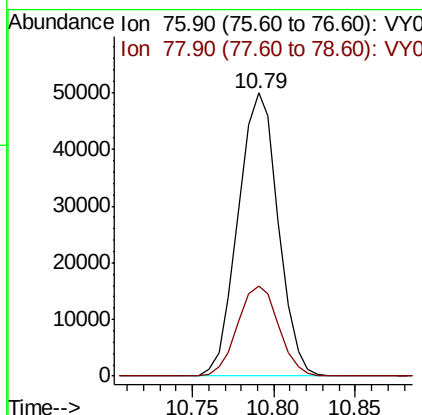
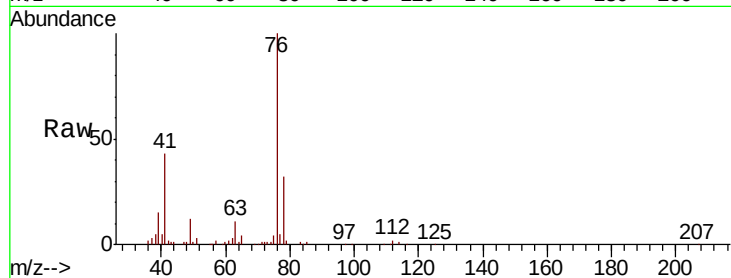
#57
 1,3-Dichloropropane
 Concen: 17.968 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

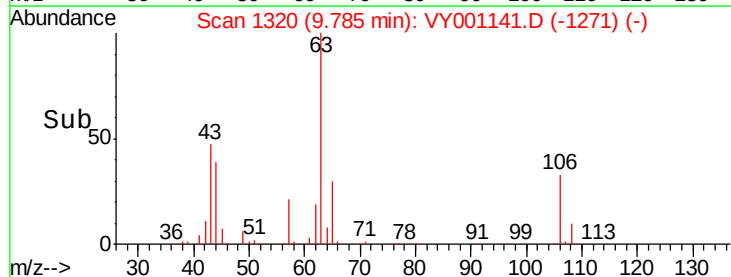
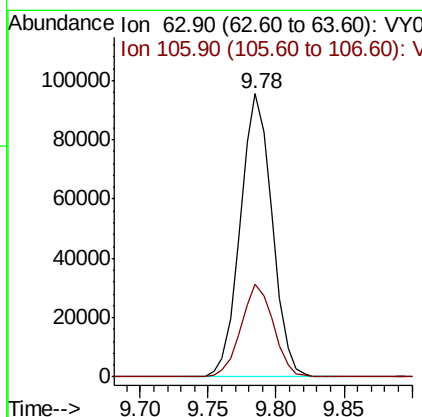
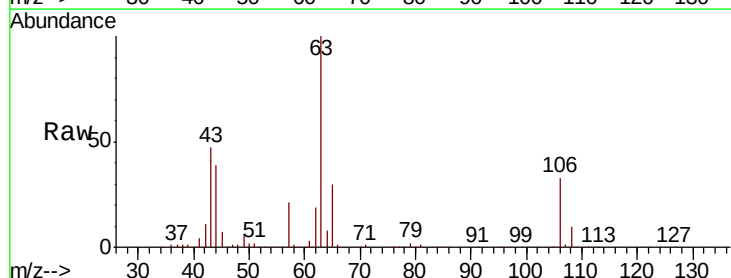
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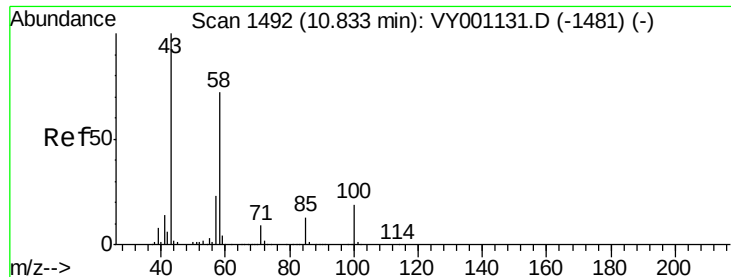
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.254 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.3	28.0	42.0





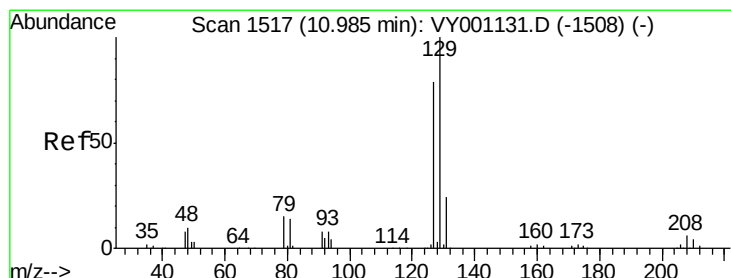
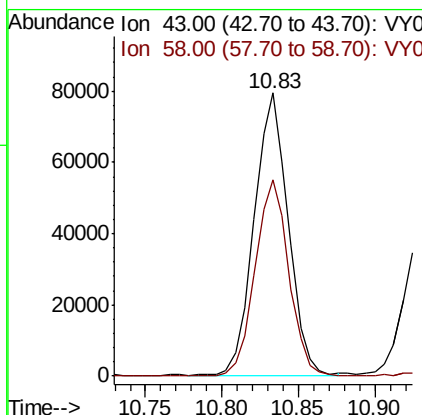
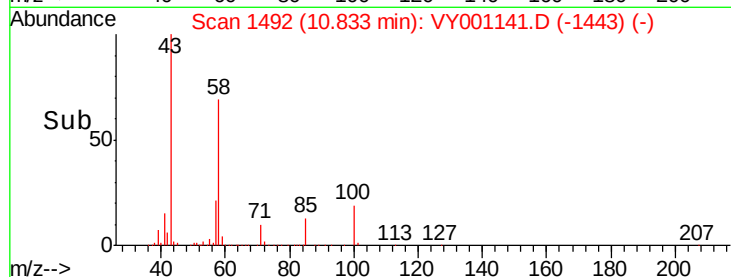
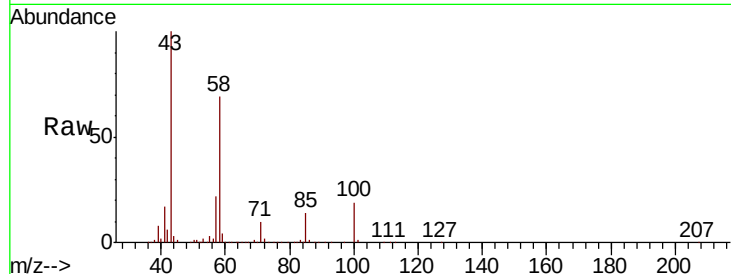
#59
2-Hexanone
Concen: 89.702 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	43	Resp	122587
Ion Ratio	100	Lower	Upper
43	100		
58	69.3	34.4	103.3

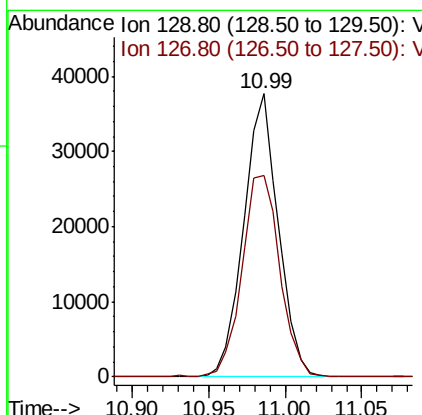
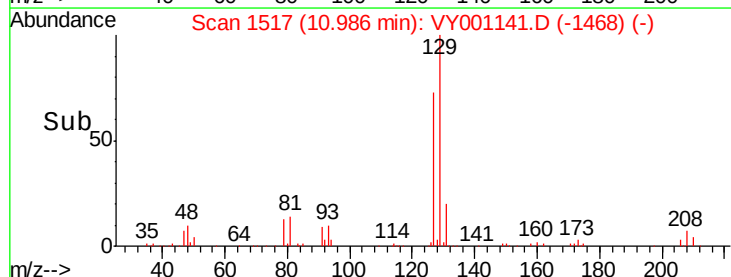
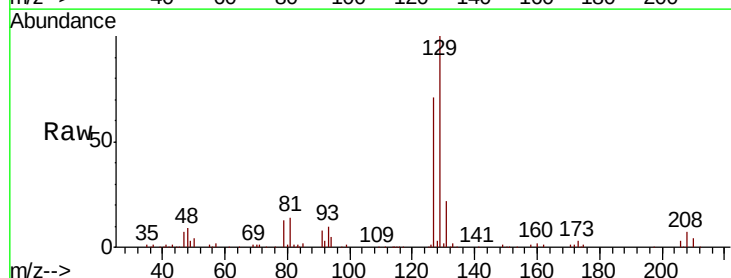
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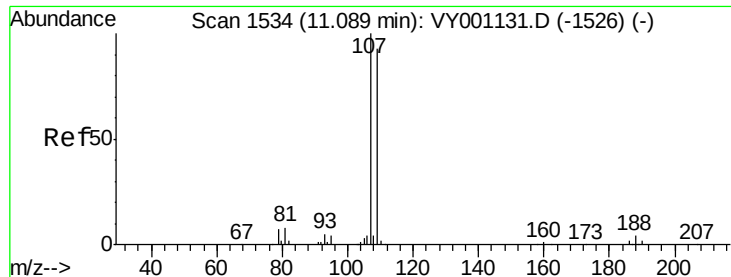
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#60
Dibromochloromethane
Concen: 16.892 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	129	Resp	59101
Ion Ratio	100	Lower	Upper
129	100		
127	78.2	38.5	115.5





#61

1,2-Dibromoethane

Concen: 17.288 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 107 Resp: 51363

Ion Ratio Lower Upper

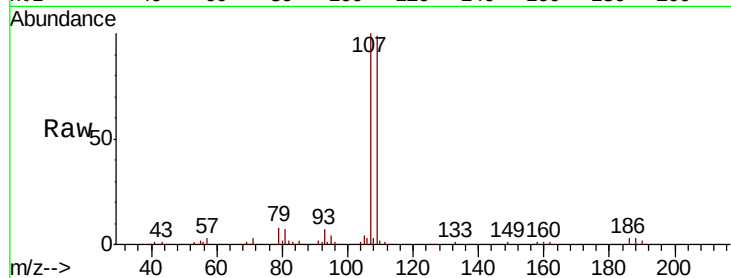
107 100

109 99.0 75.4 113.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

30000

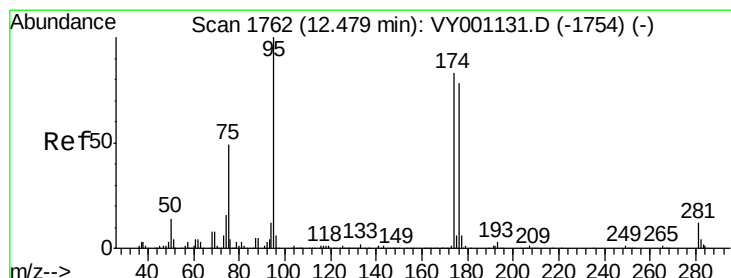
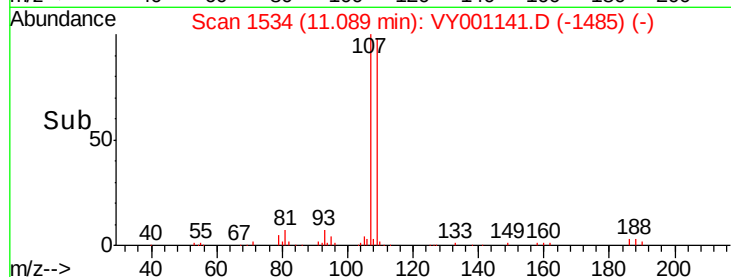
20000

10000

0

Time-->

11.00 11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 47.639 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

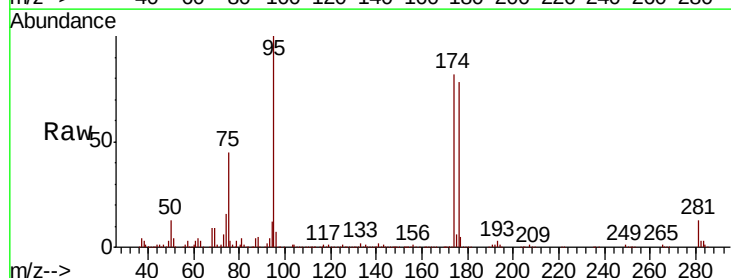
Tgt Ion: 95 Resp: 226581

Ion Ratio Lower Upper

95 100

174 85.3 0.0 171.8

176 81.5 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

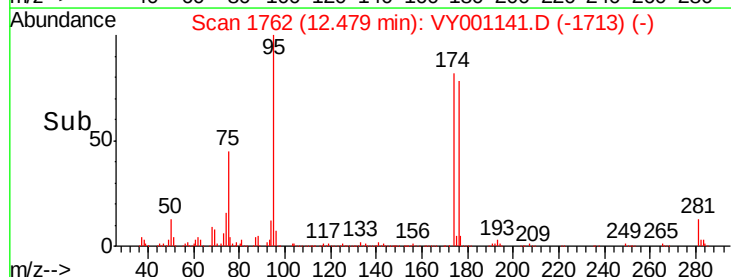
100000

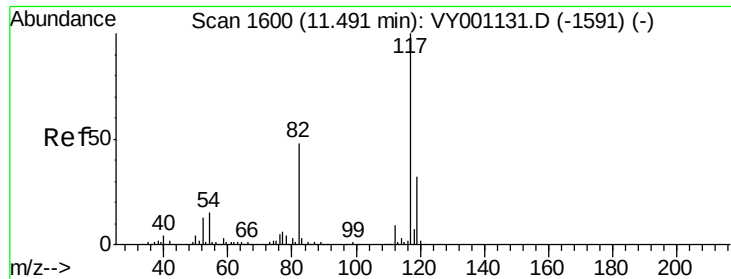
50000

0

Time-->

12.40 12.45 12.50 12.55





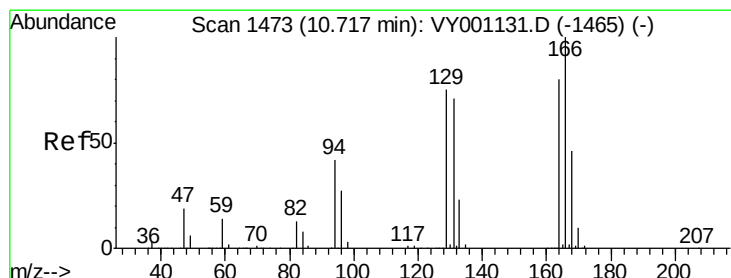
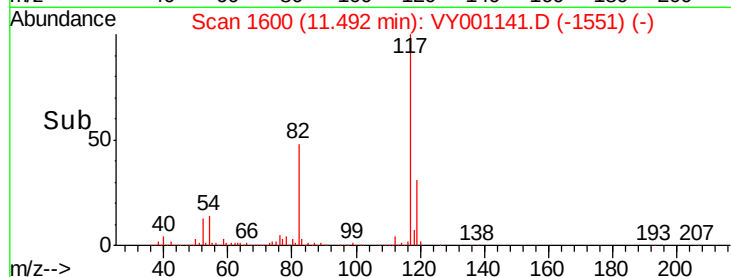
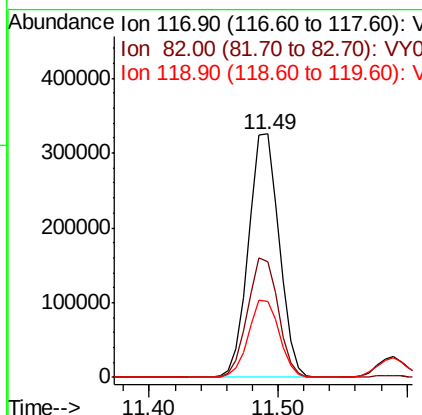
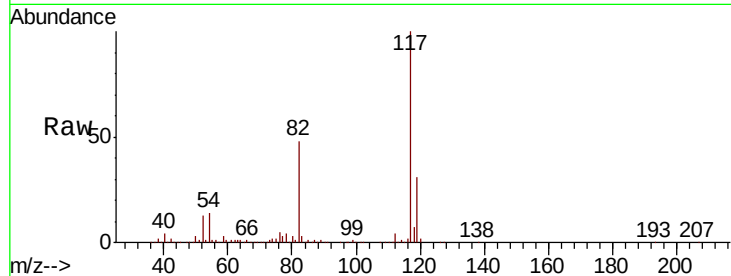
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	532793		
82	47.5		38.5	57.7
119	31.2		25.9	38.9

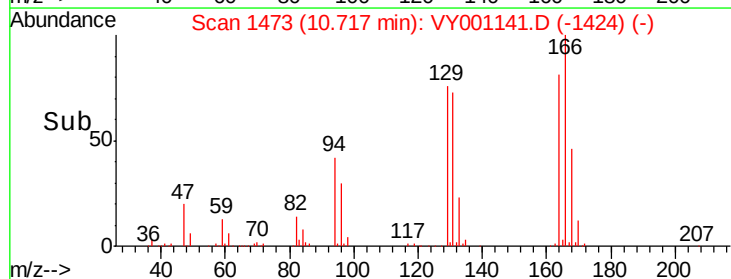
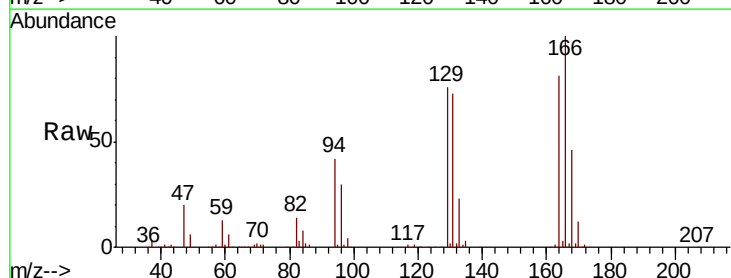
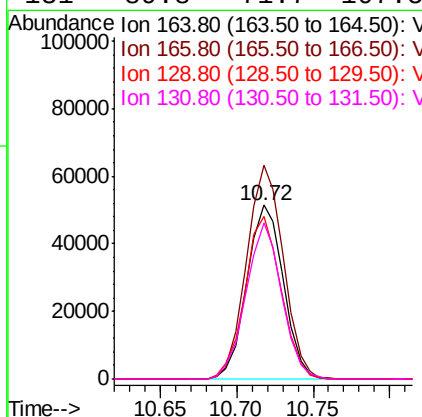
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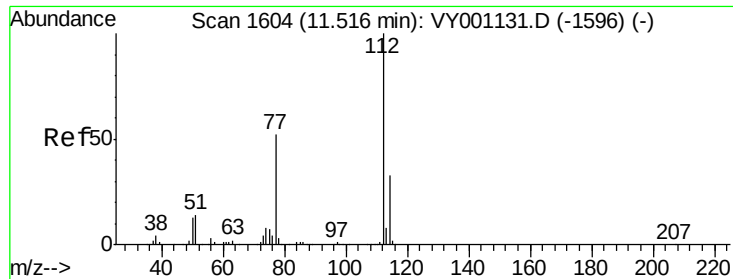
apatel
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#64
Tetrachloroethene
Concen: 17.088 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85431		
166	122.9		100.6	151.0
129	93.8		75.0	112.4
131	89.8		71.7	107.5





#65

Chlorobenzene

Concen: 18.549 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:112 Resp: 210191

Ion Ratio Lower Upper

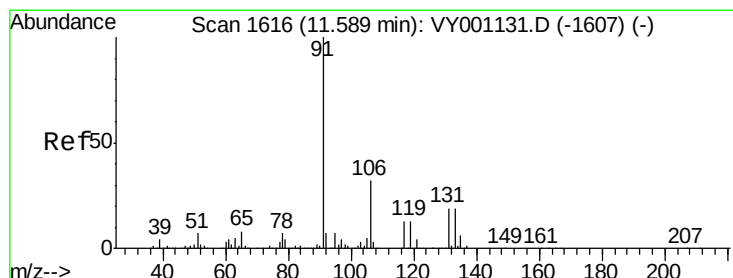
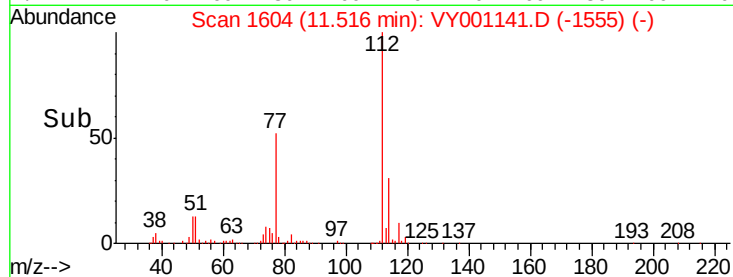
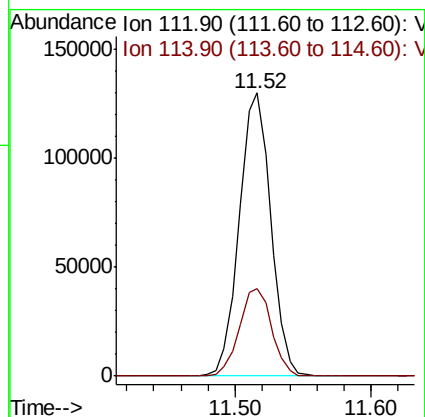
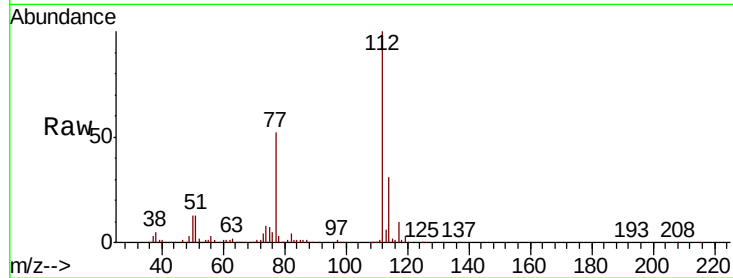
112 100

114 31.1 26.5 39.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 15.911 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

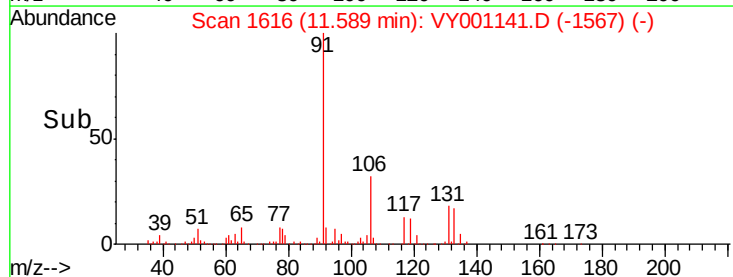
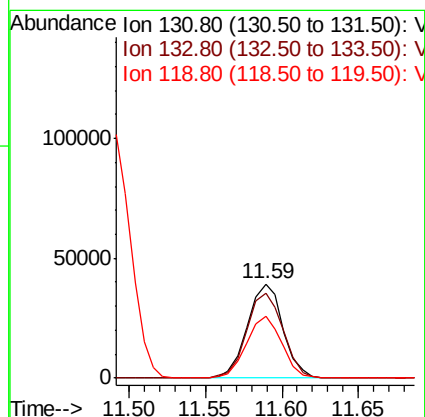
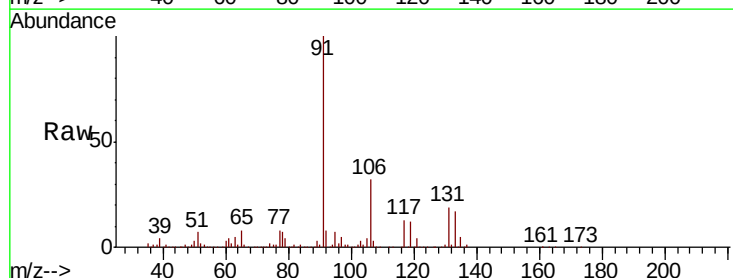
Tgt Ion:131 Resp: 63539

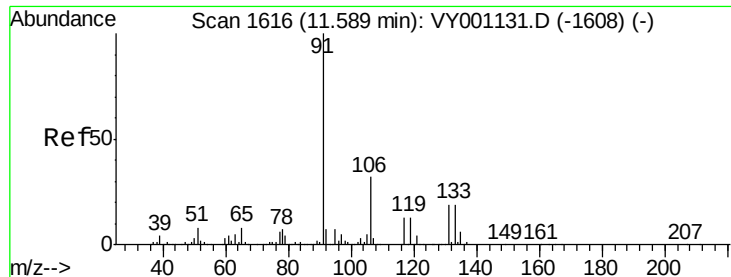
Ion Ratio Lower Upper

131 100

133 93.3 47.3 141.8

119 65.3 33.1 99.3





#67

Ethyl Benzene

Concen: 16.381 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 91 Resp: 323414

Ion Ratio Lower Upper

91 100

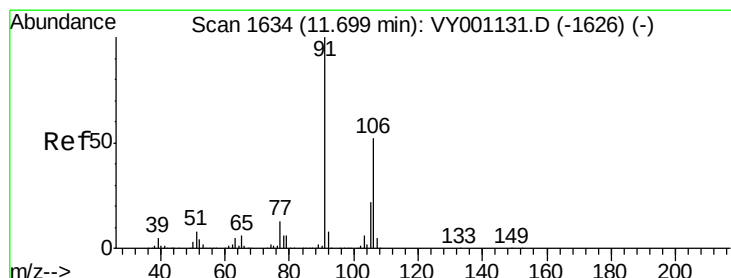
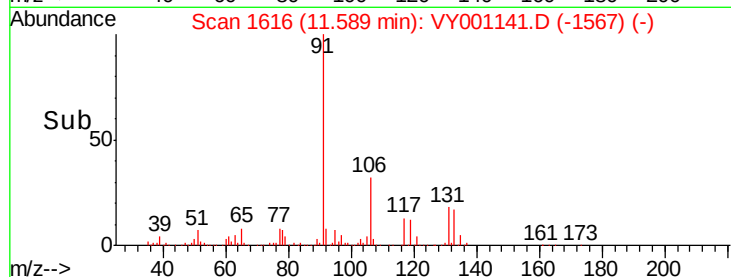
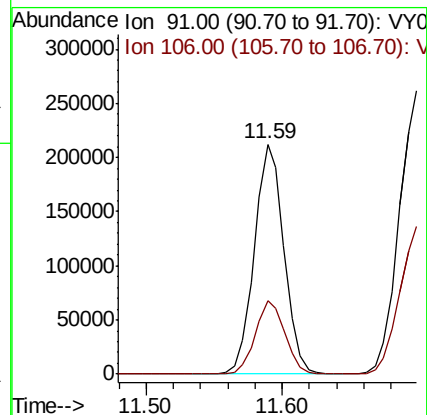
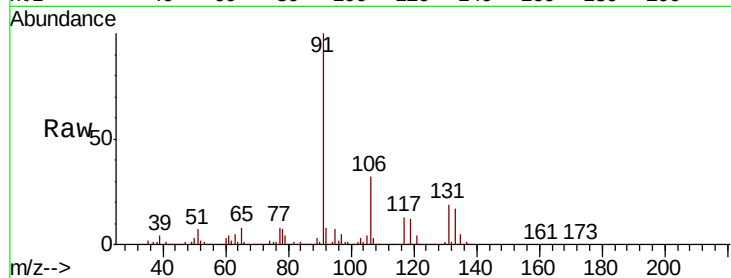
106 31.9 25.9 38.9

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#68

m/p-Xylenes

Concen: 32.475 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001141.D

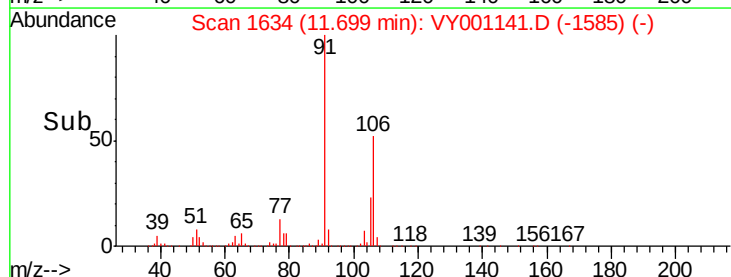
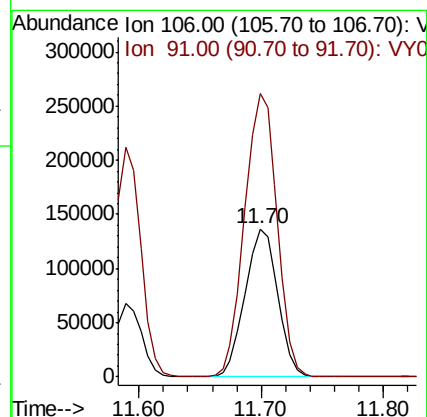
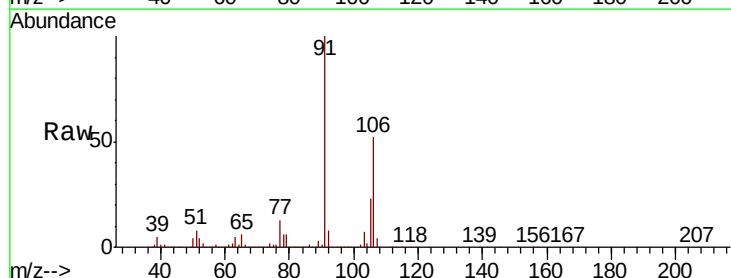
Acq: 02 Jan 2020 17:53

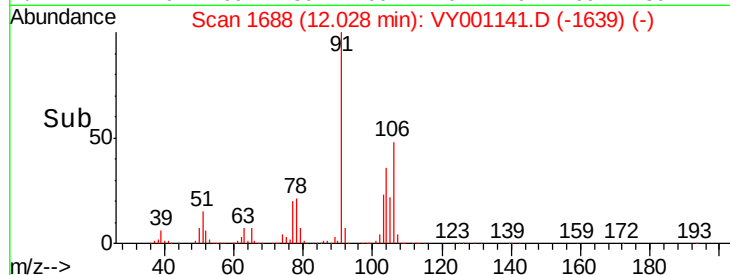
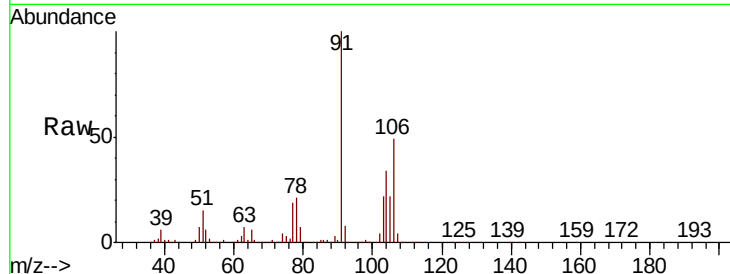
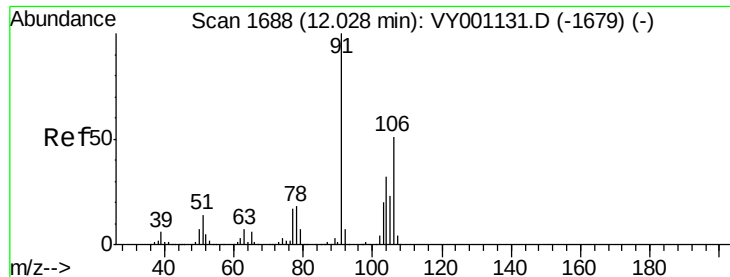
Tgt Ion: 106 Resp: 253517

Ion Ratio Lower Upper

106 100

91 190.4 154.3 231.5





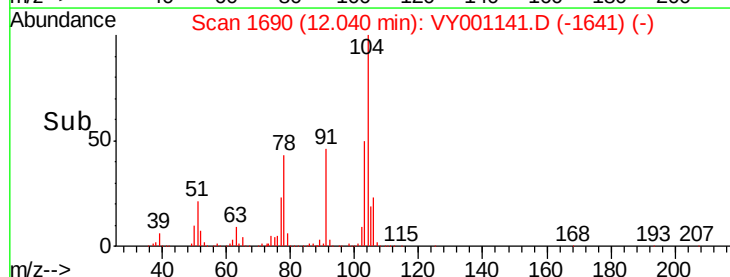
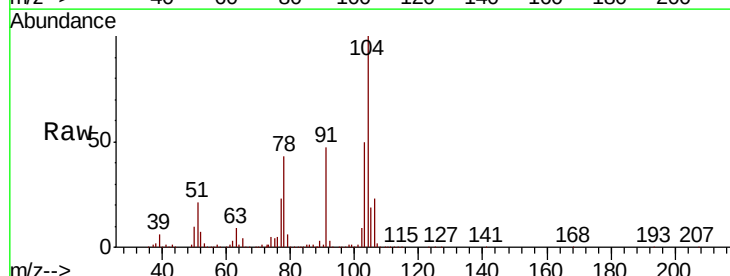
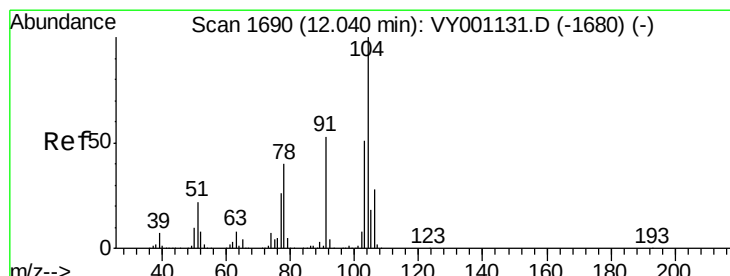
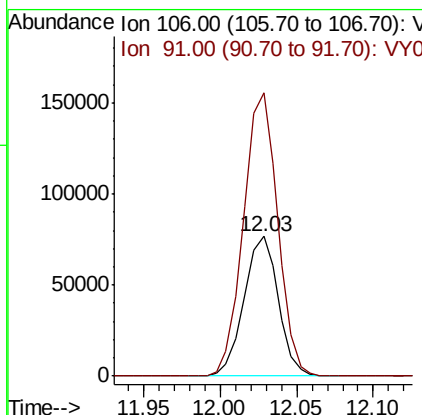
#69
o-Xylene
Concen: 16.115 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.5	100.8	302.4

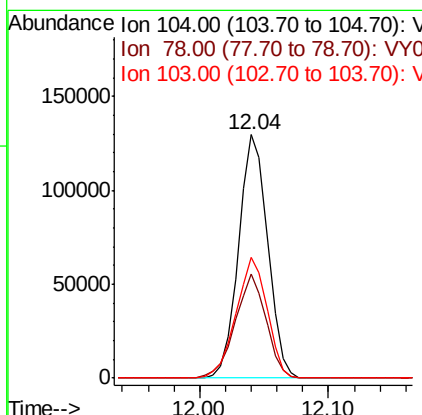
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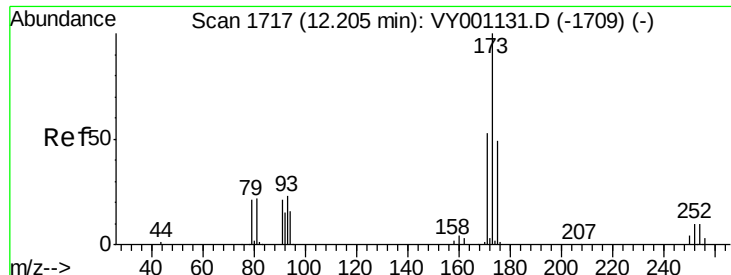
apatel
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#70
Styrene
Concen: 16.108 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.5	34.7	52.1
103	53.3	42.6	64.0





#71

Bromoform

Concen: 15.353 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:173 Resp: 36099

Ion Ratio Lower Upper

173 100

175 46.5 24.4 73.2

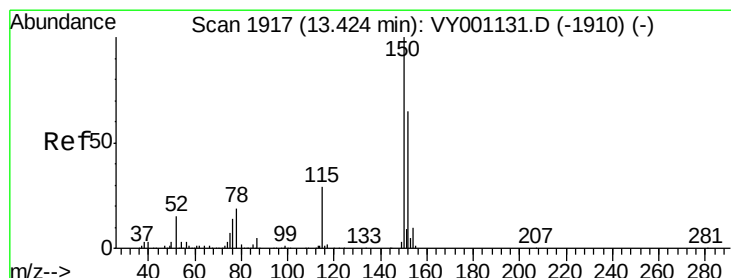
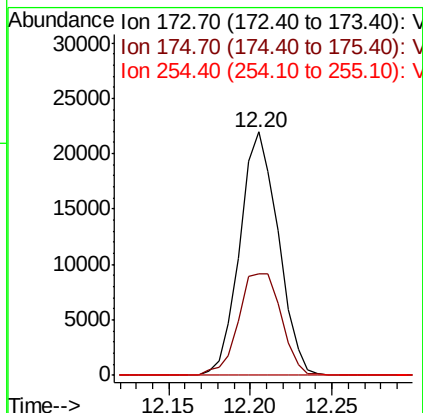
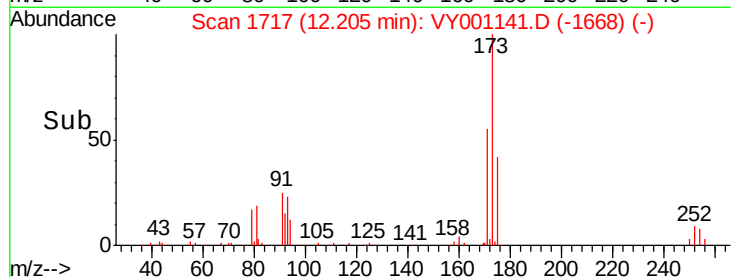
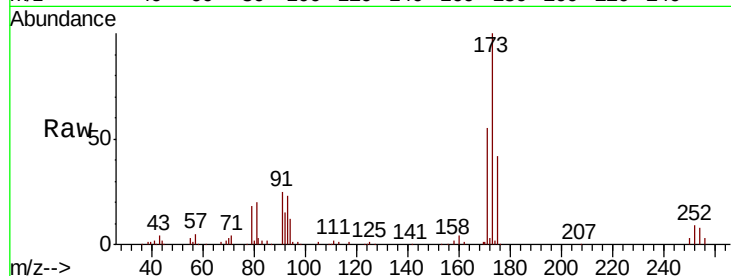
254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

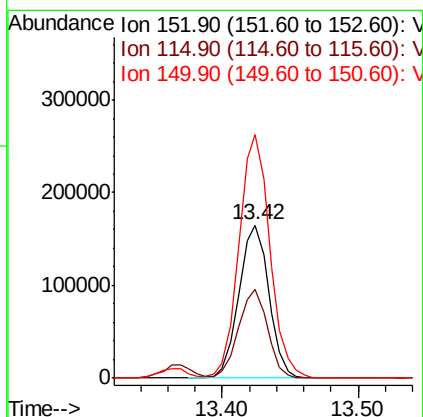
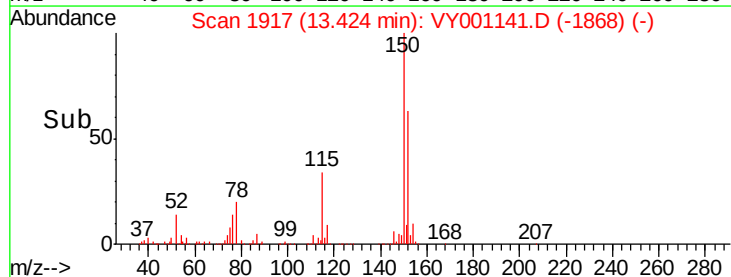
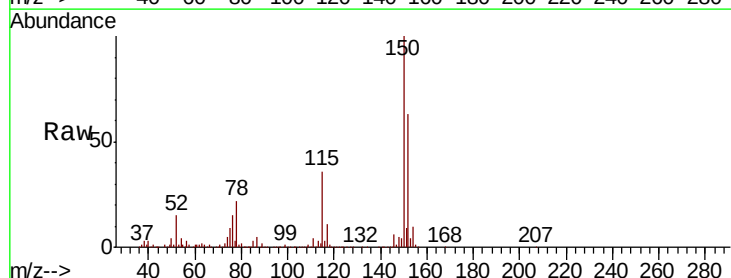
Tgt Ion:152 Resp: 253326

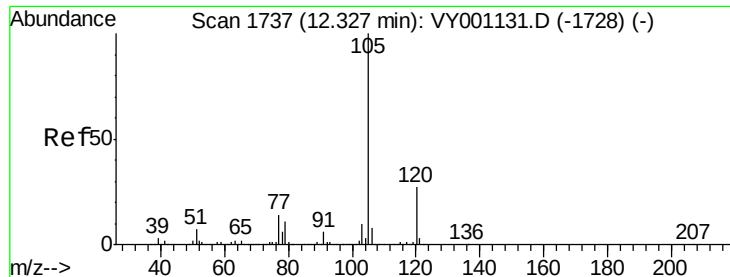
Ion Ratio Lower Upper

152 100

115 56.1 27.7 83.0

150 163.5 0.0 342.6





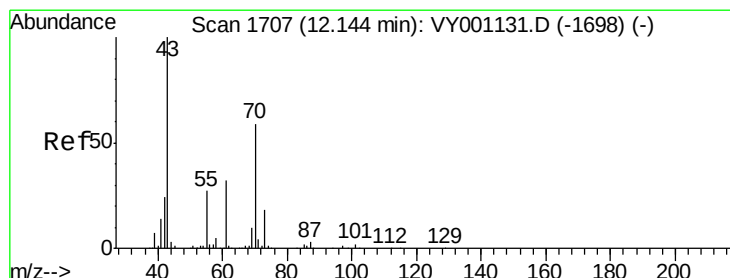
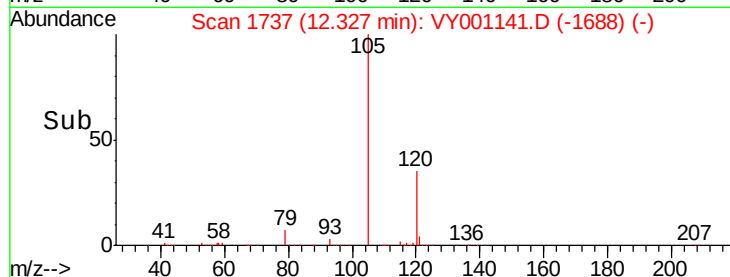
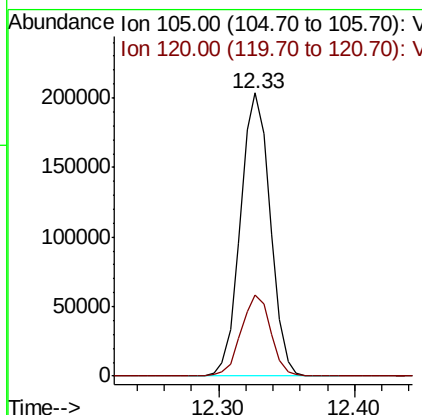
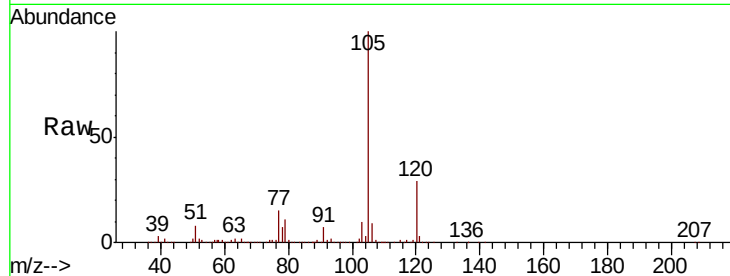
#73
Isopropylbenzene
Concen: 16.288 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.5	13.9	41.7

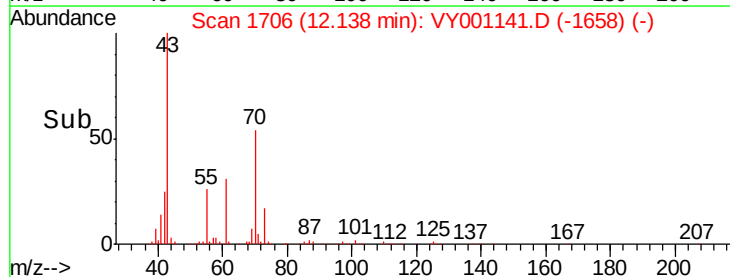
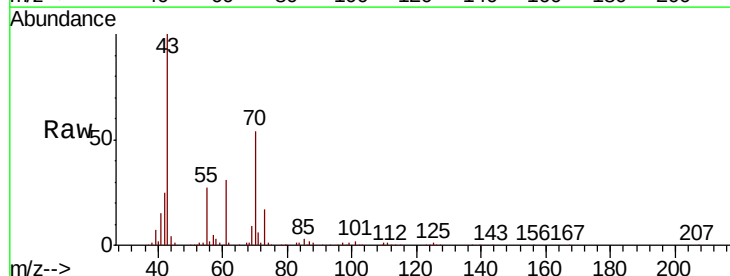
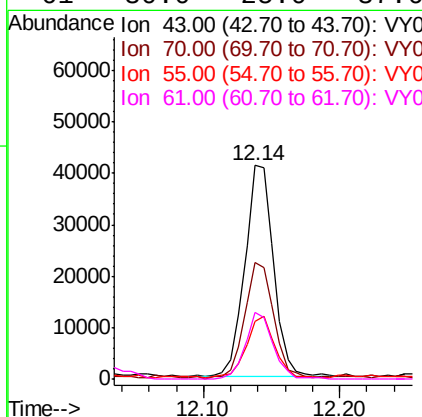
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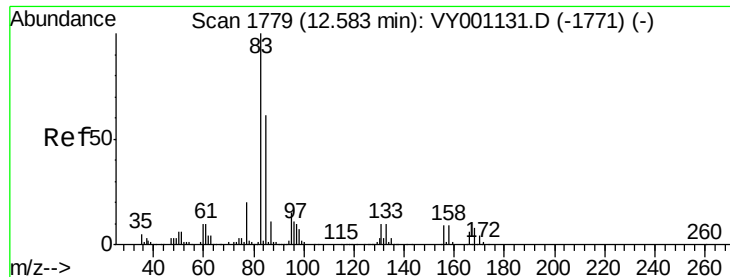
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#74
N-ethyl acetate
Concen: 16.685 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	55.4	46.2	69.4
55	29.2	21.3	31.9
61	30.0	25.0	37.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.252 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

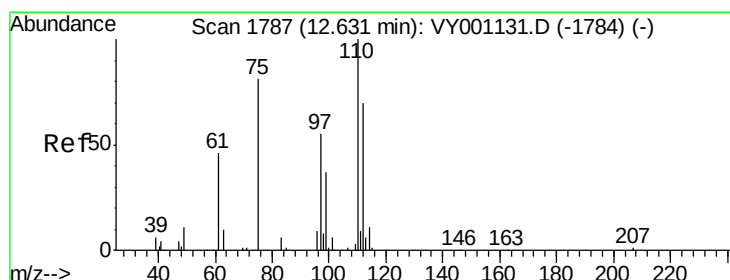
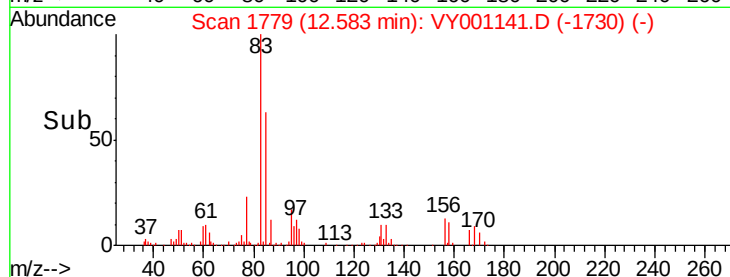
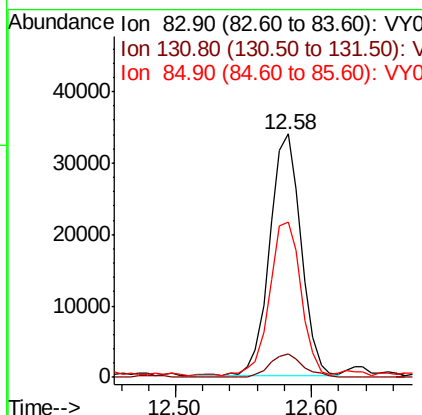
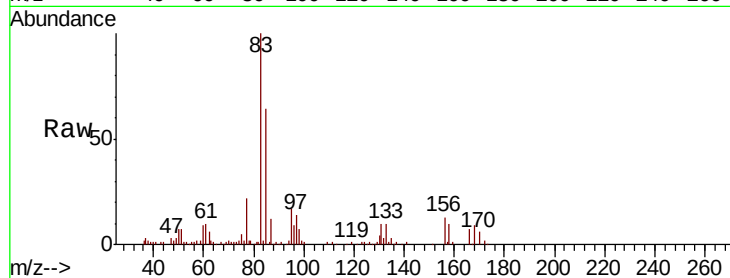
ClientSampleId :

VY0102SBS01

Tot Ion:	83	Resp:	54871
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.7
85	62.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 14.647 ug/l m

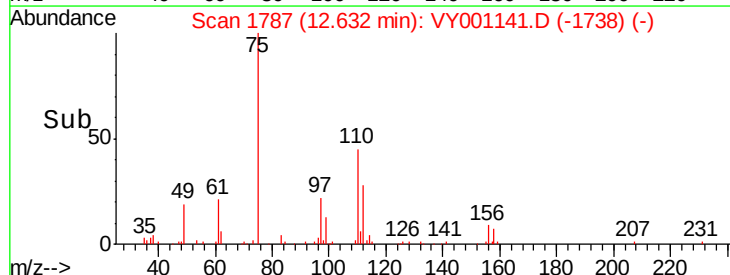
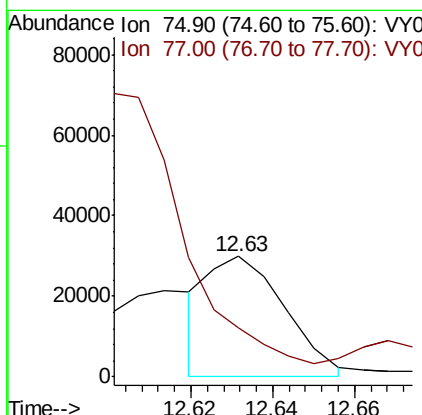
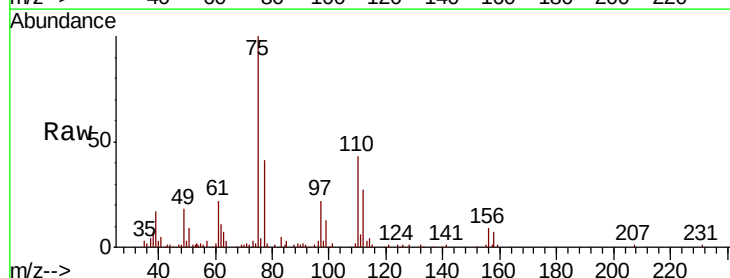
RT: 12.63 min Scan# 1787

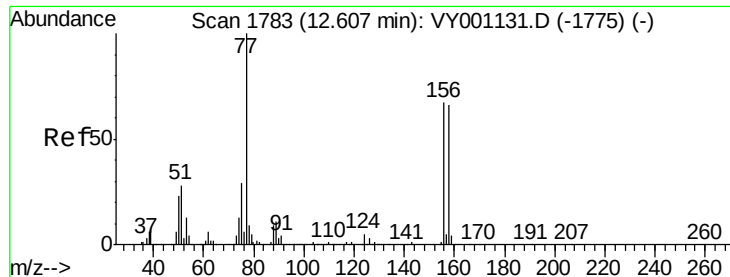
Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	75	Resp:	39249
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 16.225 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:156 Resp: 74935

Ion Ratio Lower Upper

156 100

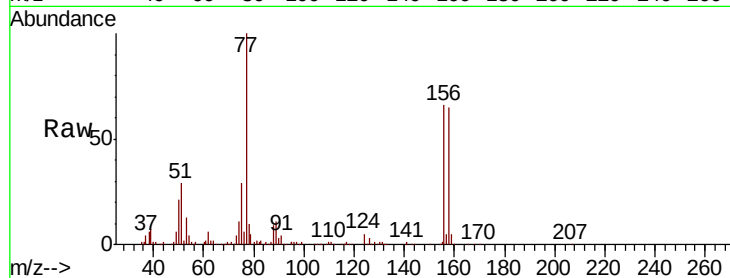
77 171.9 85.9 257.7

158 95.8 49.7 149.1

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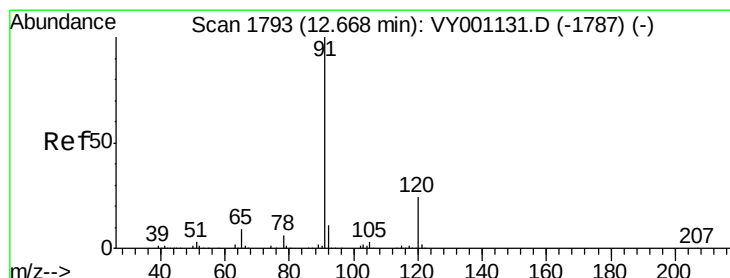
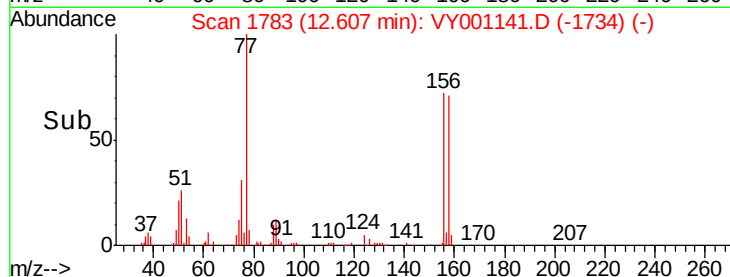
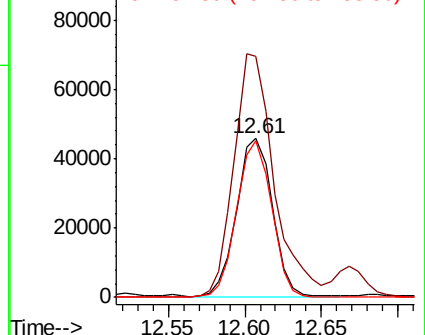
1/3/2020 11:13:35 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.311 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001141.D

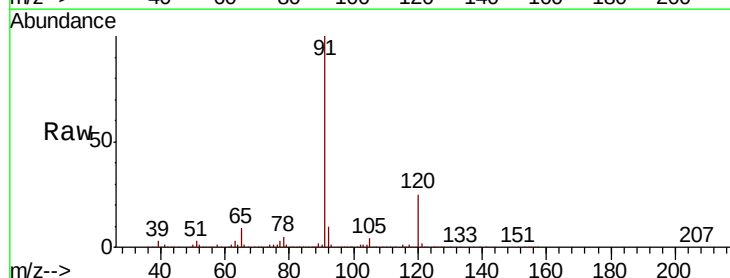
Acq: 02 Jan 2020 17:53

Tgt Ion: 91 Resp: 368398

Ion Ratio Lower Upper

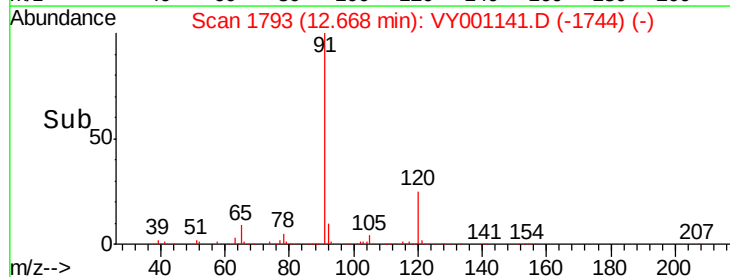
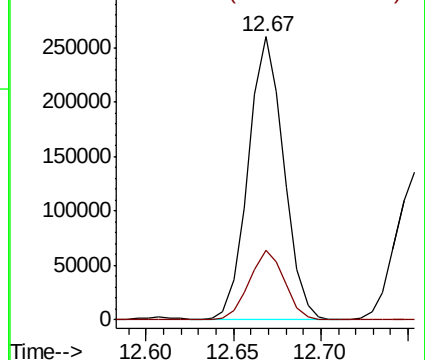
91 100

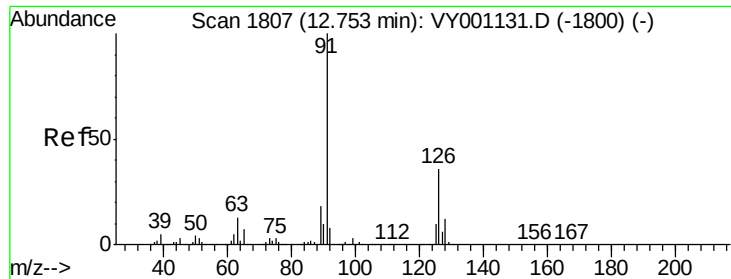
120 24.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.472 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 91 Resp: 205900

Ion Ratio Lower Upper

91 100

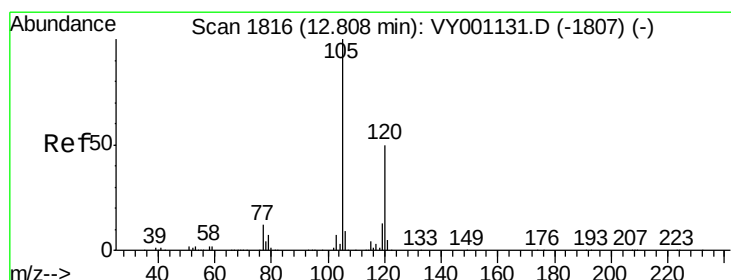
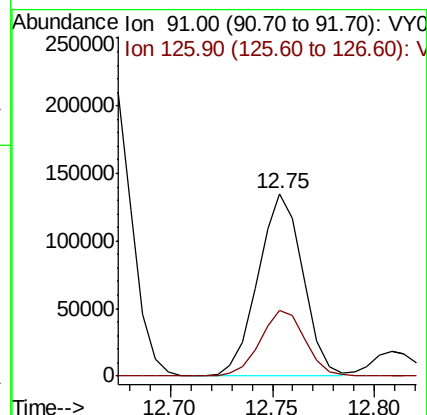
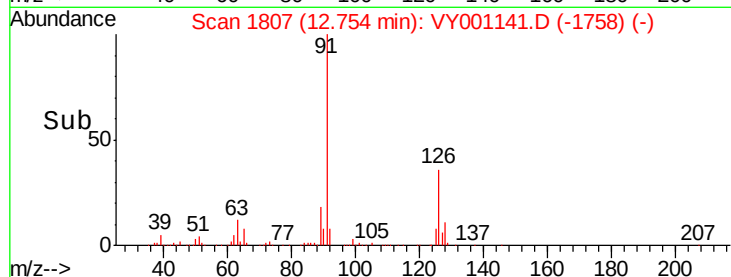
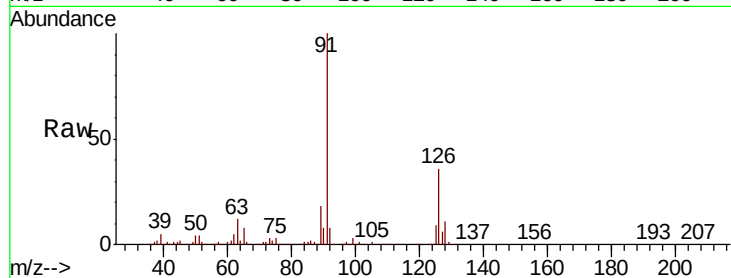
126 36.0 18.3 54.8

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#80

1,3,5-Trimethylbenzene

Concen: 16.384 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001141.D

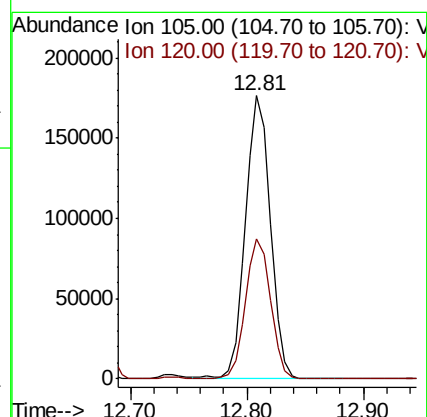
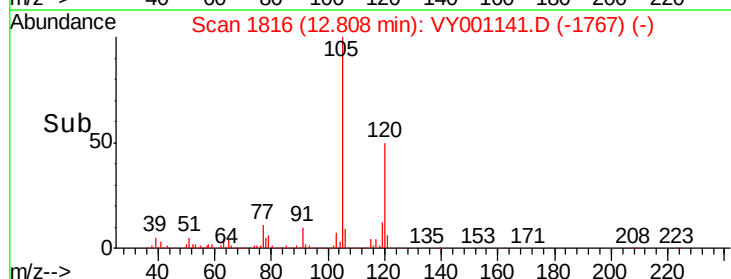
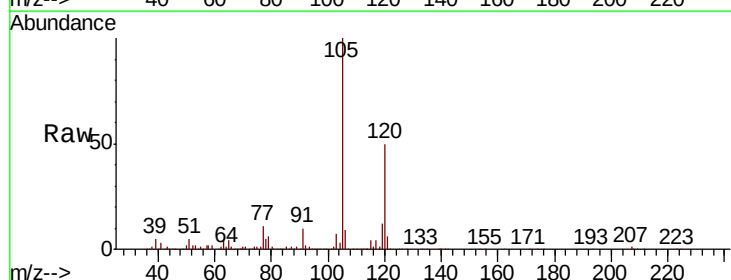
Acq: 02 Jan 2020 17:53

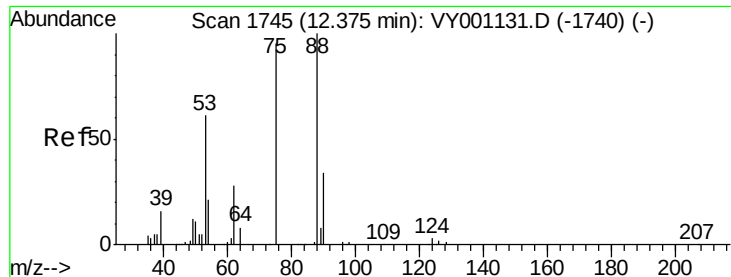
Tgt Ion: 105 Resp: 264778

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.080 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

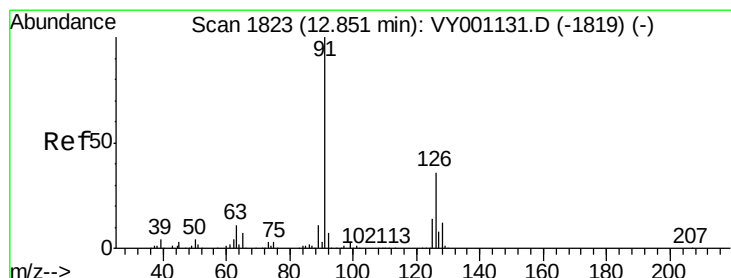
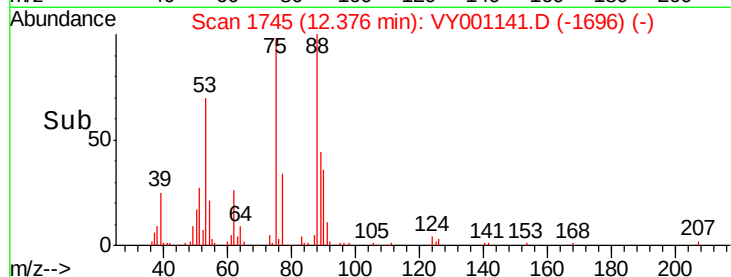
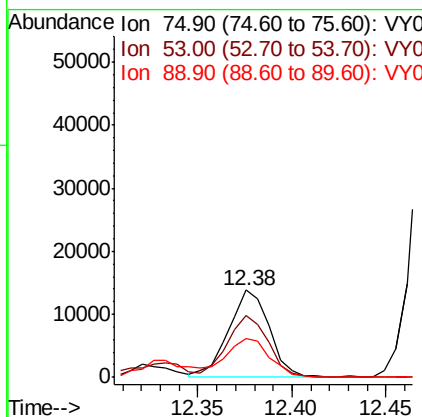
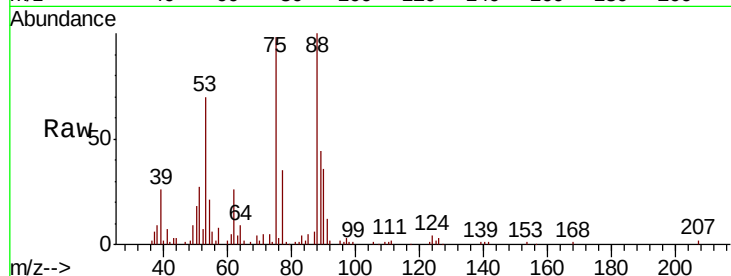
ClientSampleId :

VY0102SBS01

Tot Ion:	75	Resp:	20786
Ion	Ratio	Lower	Upper
75	100		
53	70.9	55.6	83.4
89	48.1	34.7	52.1

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#82

4-Chlorotoluene

Concen: 16.428 ug/l

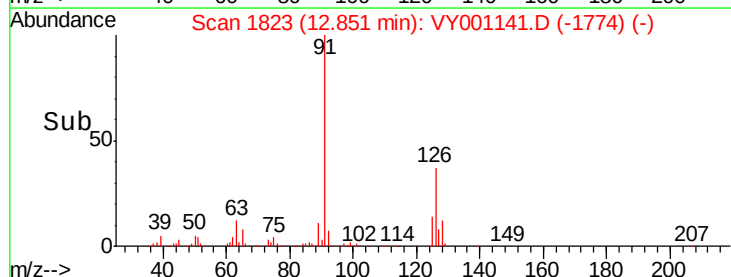
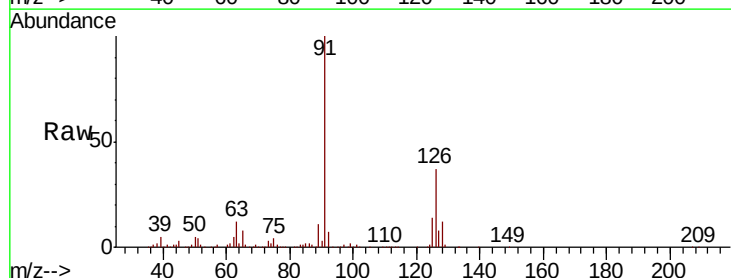
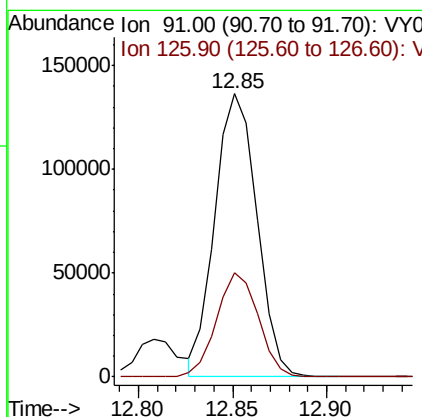
RT: 12.85 min Scan# 1823

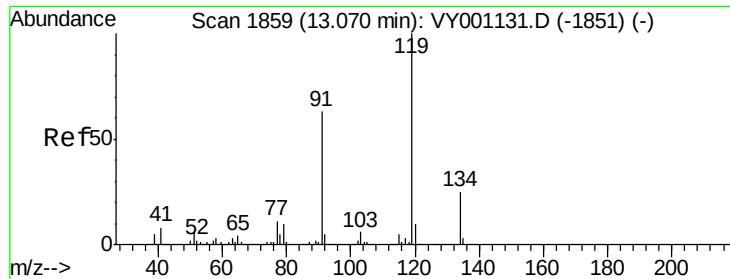
Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	91	Resp:	211083
Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.6	56.0





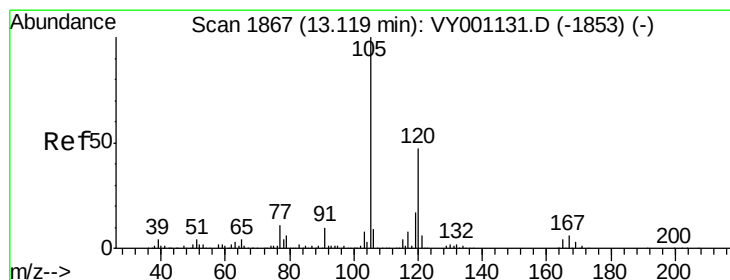
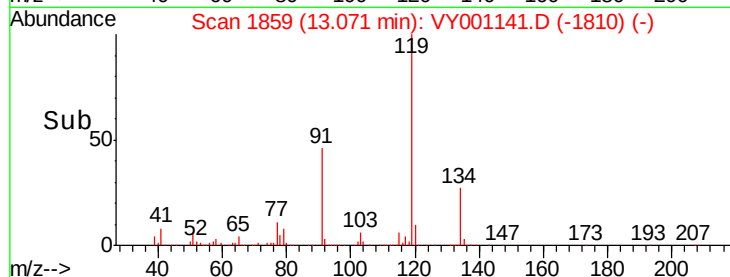
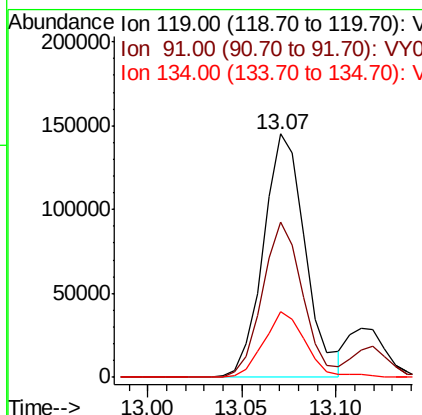
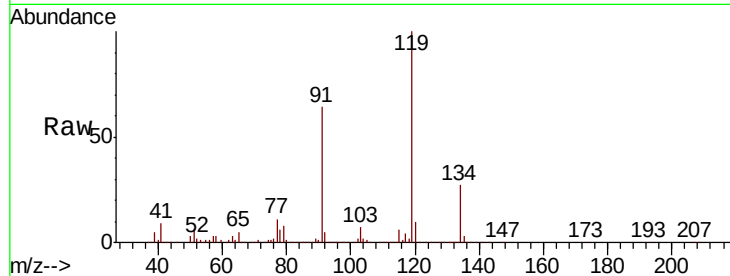
#83
tert-Butylbenzene
Concen: 16.255 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.9	92.7
134	27.0	13.2	39.5

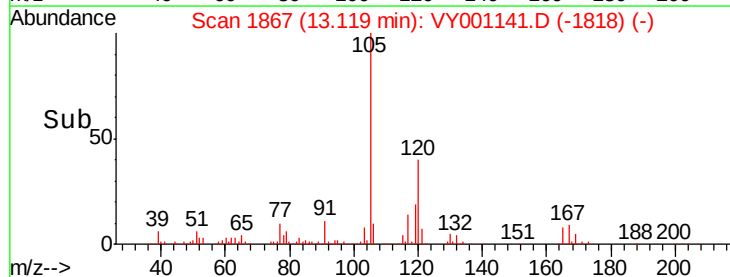
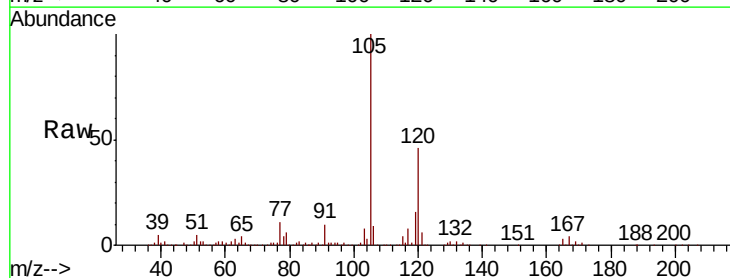
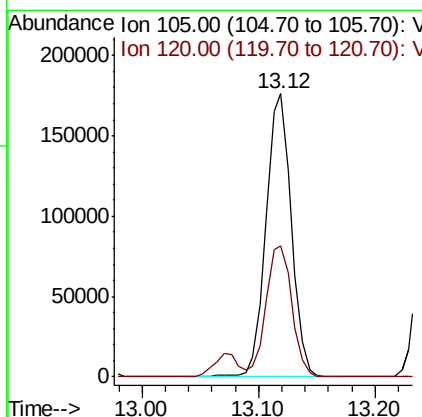
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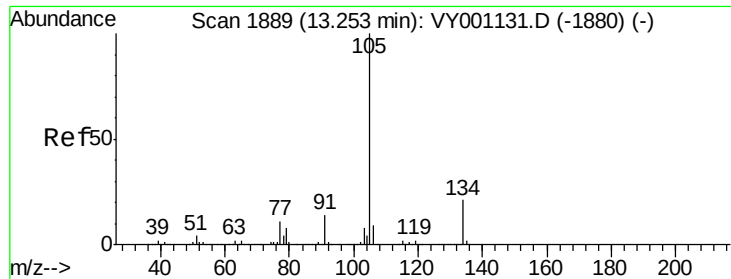
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#84
1,2,4-Trimethylbenzene
Concen: 16.440 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.0	72.0





#85

sec-Butylbenzene

Concen: 16.146 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:105 Resp: 311379

Ion Ratio Lower Upper

105 100

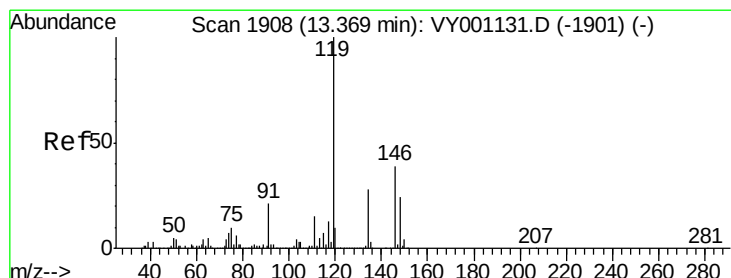
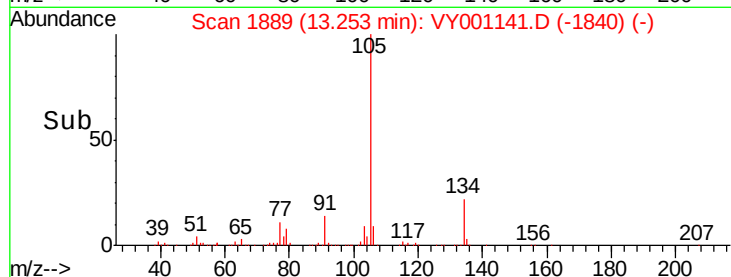
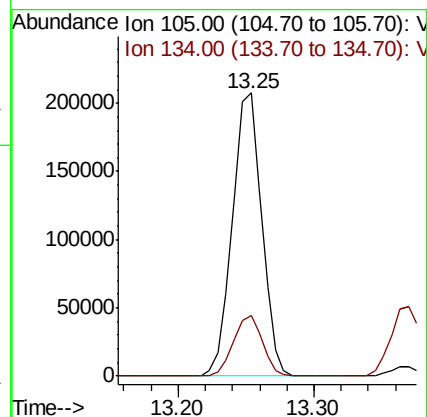
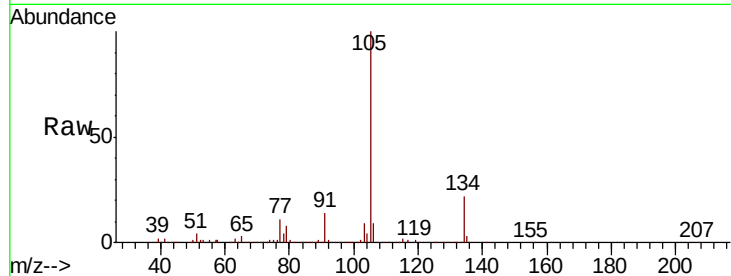
134 21.4 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 16.614 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

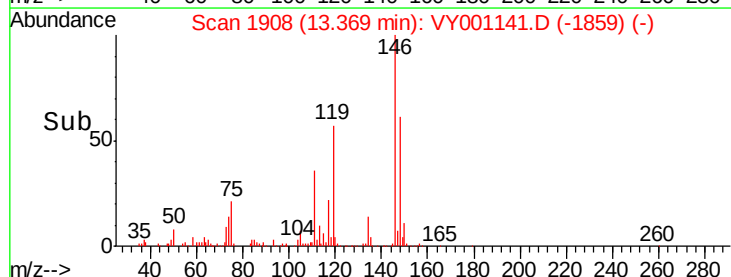
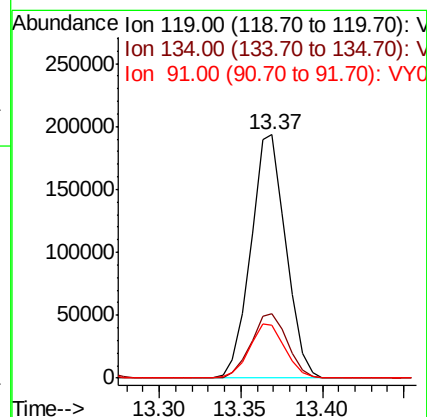
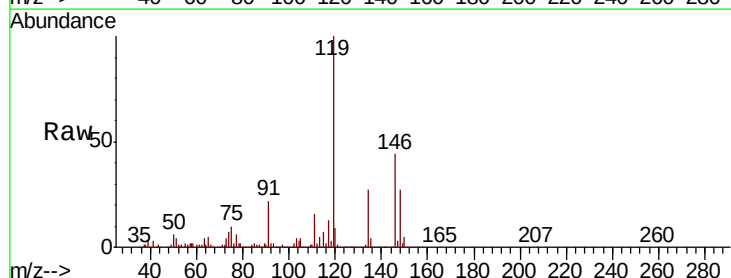
Tgt Ion:119 Resp: 288541

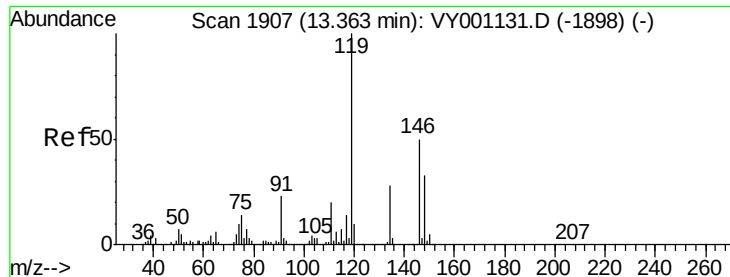
Ion Ratio Lower Upper

119 100

134 27.3 13.8 41.3

91 22.5 11.1 33.1





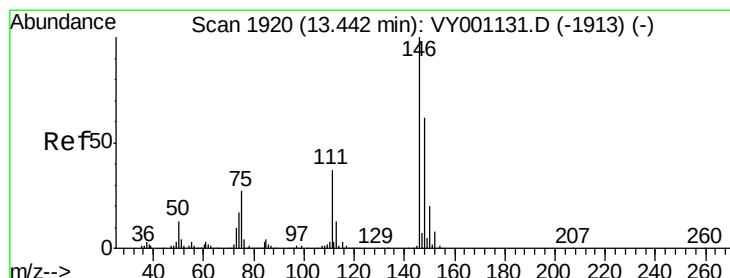
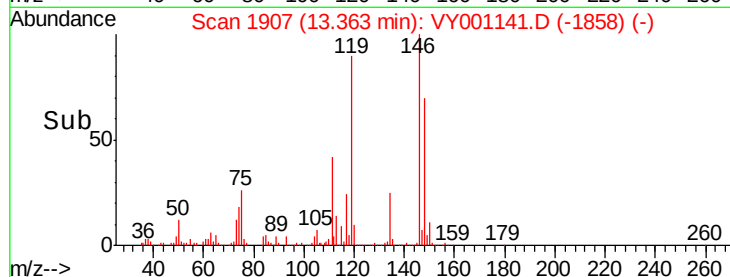
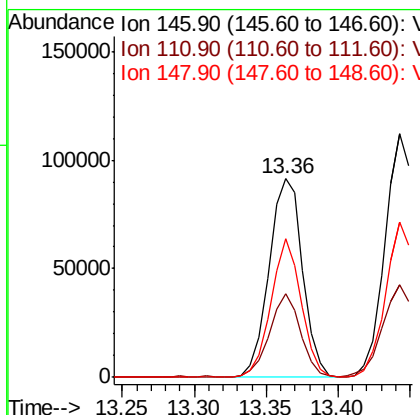
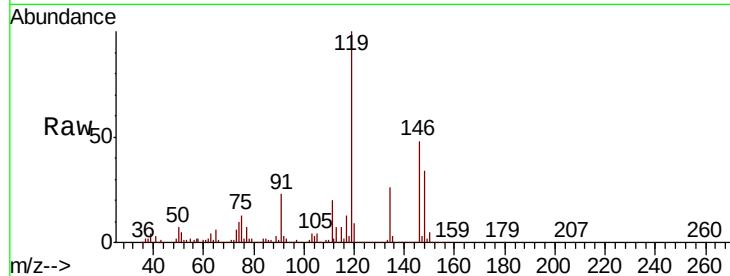
#87
 1,3-Dichlorobenzene
 Concen: 17.087 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	63.1	31.9	95.7

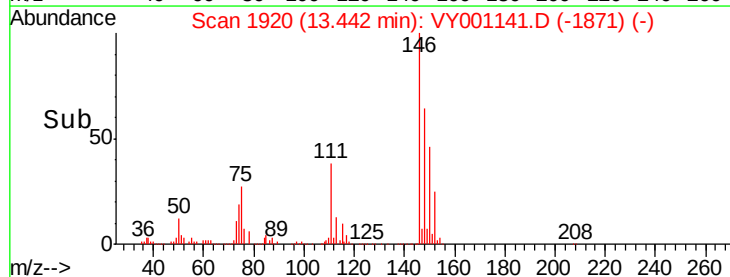
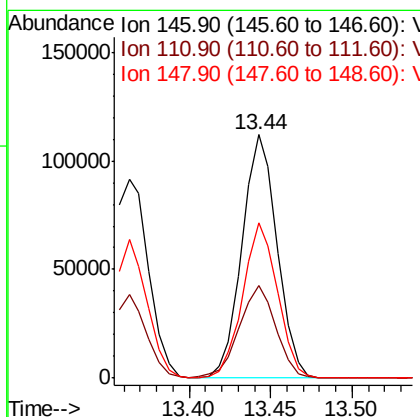
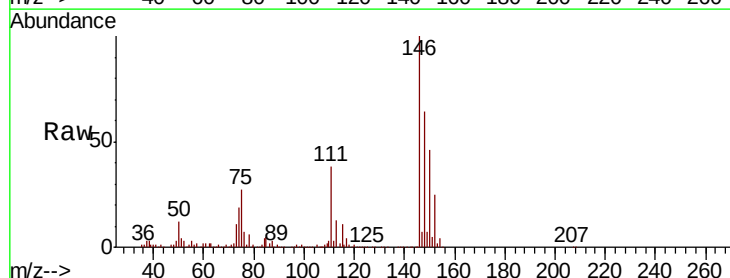
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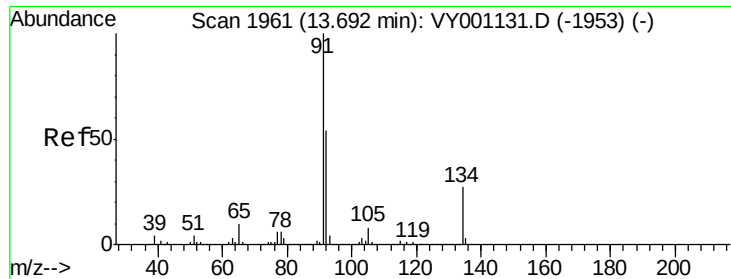
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#88
 1,4-Dichlorobenzene
 Concen: 19.287 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.3
148	63.3	32.0	96.0





#89

n-Butylbenzene

Concen: 16.563 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Instrument :

MSVOA_Y

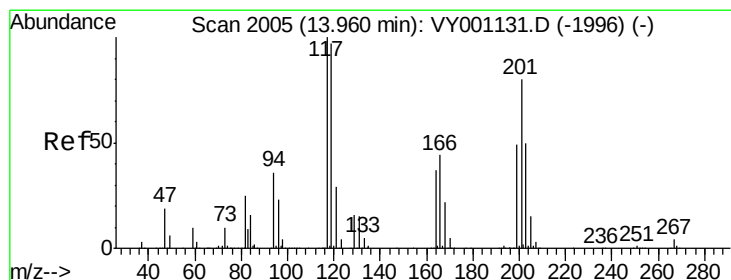
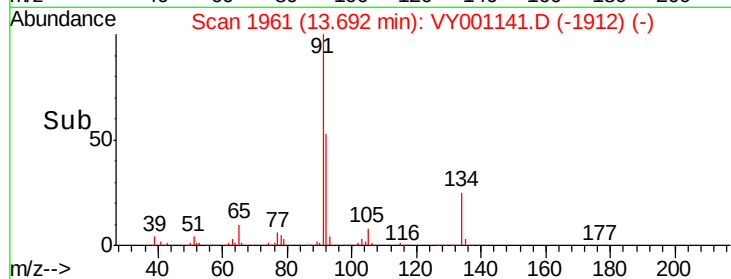
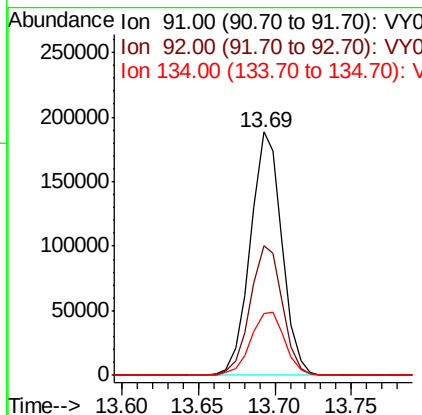
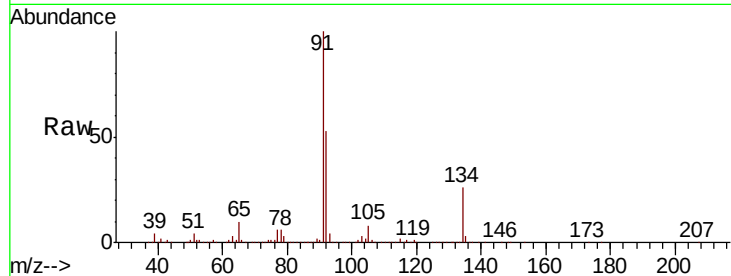
ClientSampleId :

VY0102SBS01

Tot Ion:	91	Resp:	270009
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.5
134	28.1	14.1	42.4

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#90

Hexachloroethane

Concen: 15.812 ug/l

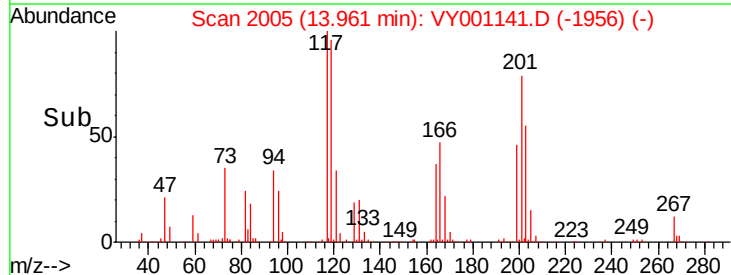
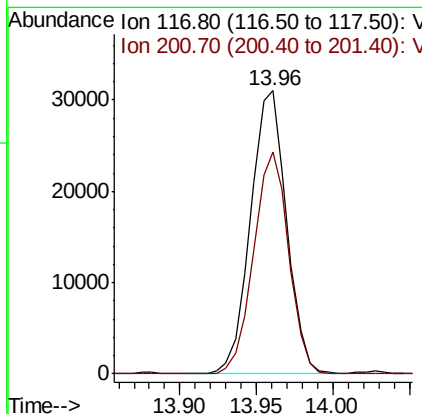
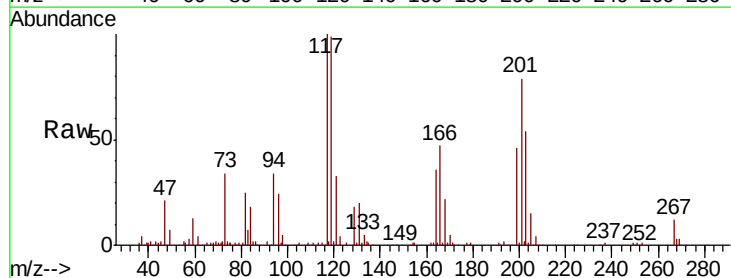
RT: 13.96 min Scan# 2005

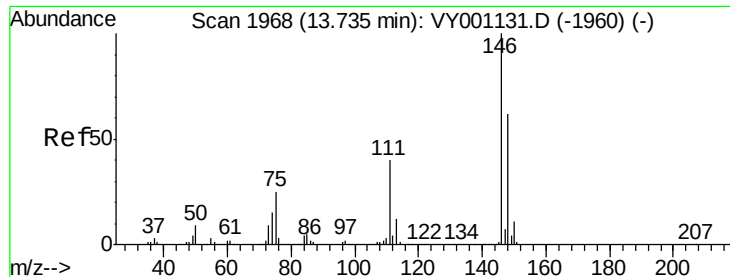
Delta R.T. 0.00 min

Lab File: VY001141.D

Acq: 02 Jan 2020 17:53

Tgt Ion:	117	Resp:	50868
Ion	Ratio	Lower	Upper
117	100		
201	76.2	38.0	114.0





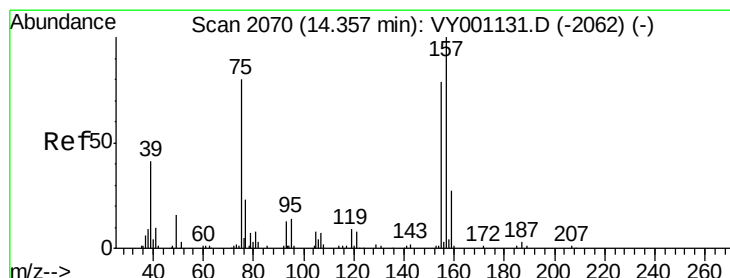
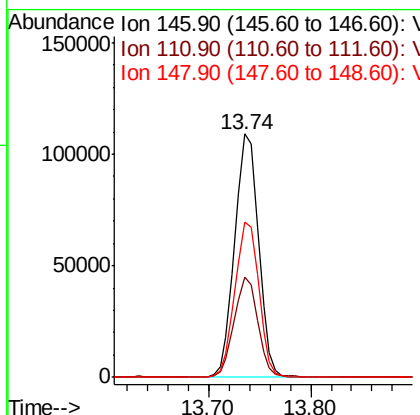
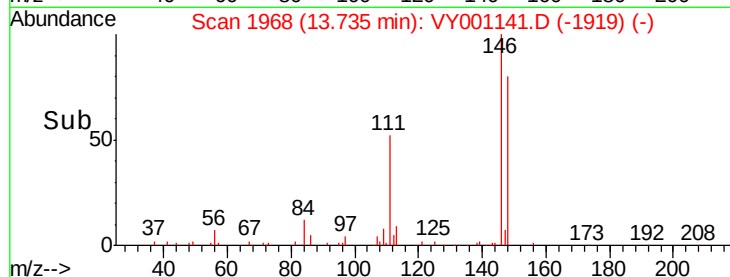
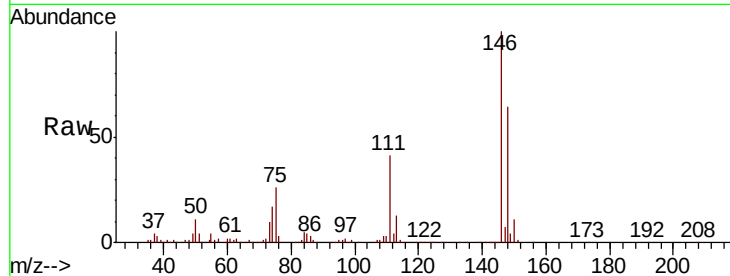
#91
 1,2-Dichlorobenzene
 Concen: 22.179 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.3
148	64.2	31.9	95.5

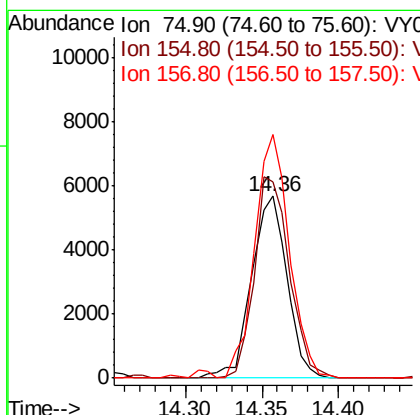
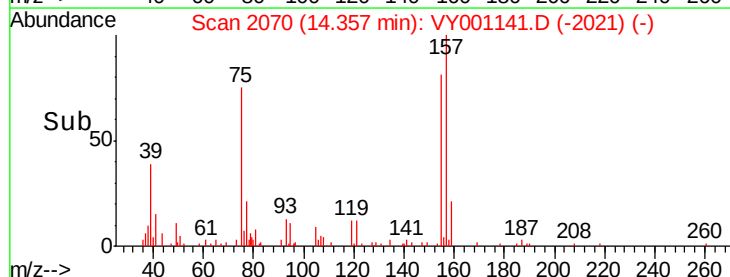
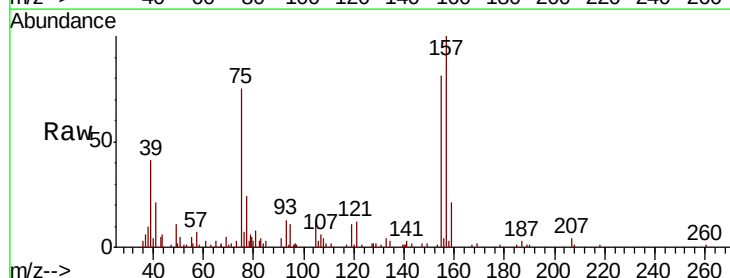
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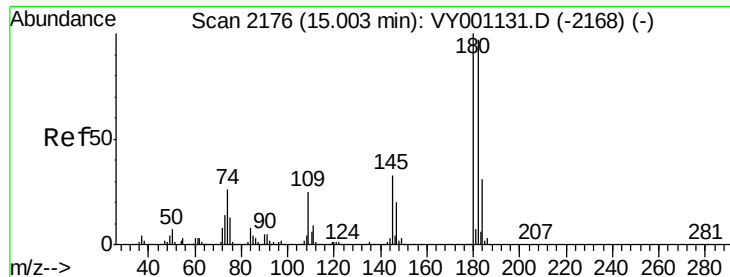
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.400 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.1	50.4	151.3
157	130.4	64.0	192.0





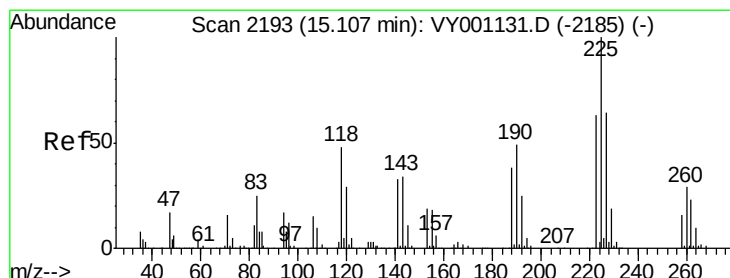
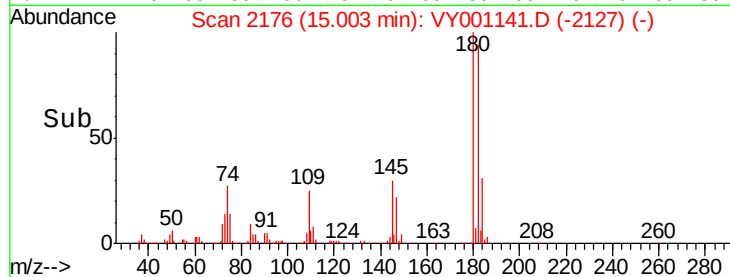
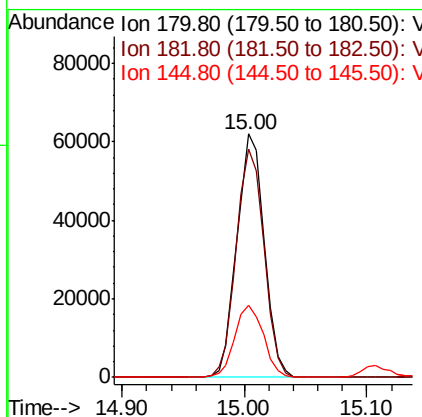
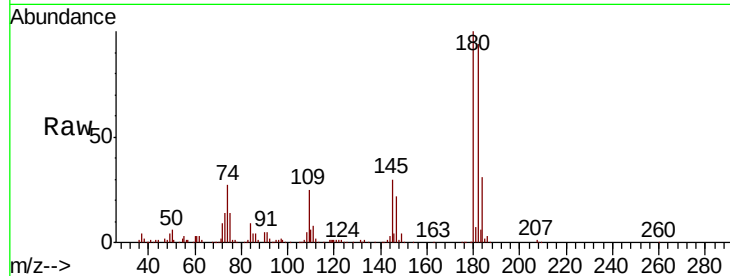
#93
 1,2,4-Trichlorobenzene
 Concen: 17.560 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	48.6	145.8	
145	31.1	16.1	48.3	

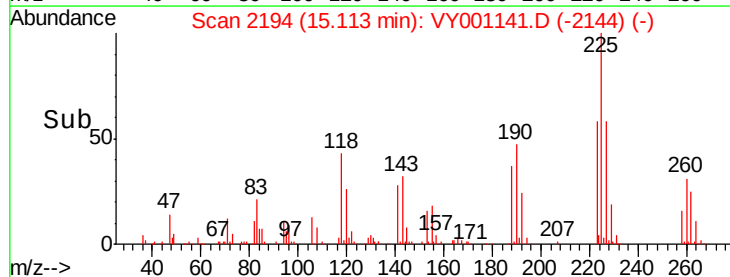
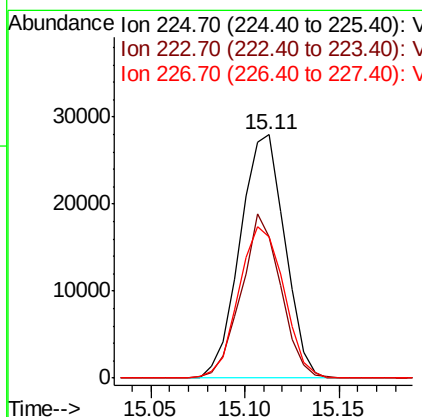
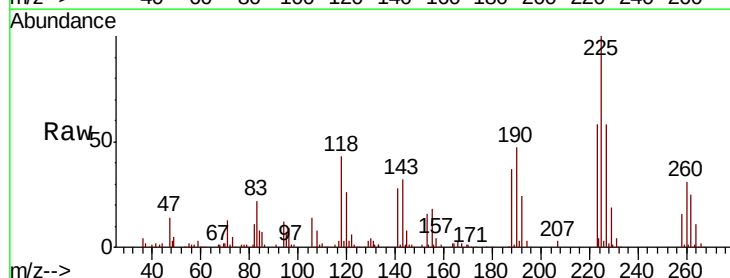
Manual Integrations
 APPROVED

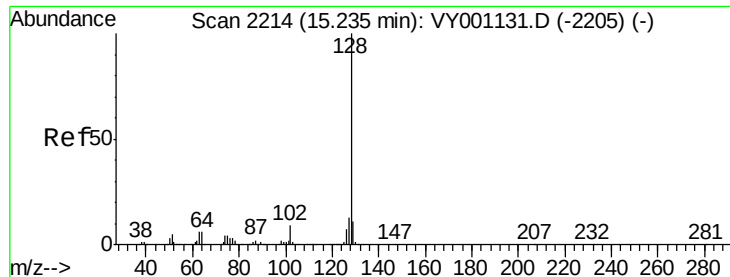
apatel
 1/3/2020 11:13:35 AM



#94
 Hexachlorobutadiene
 Concen: 16.655 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001141.D
 Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.5	31.8	95.3	
227	62.8	32.6	97.7	





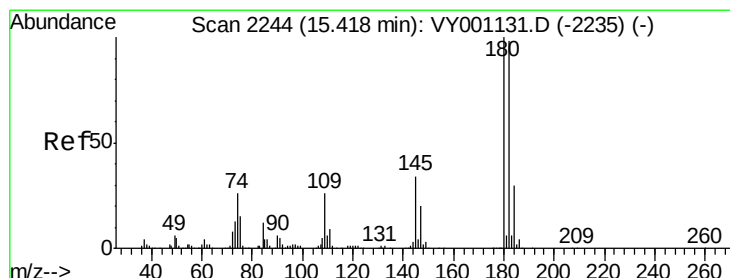
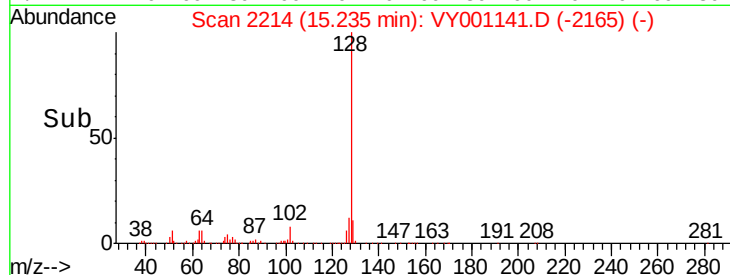
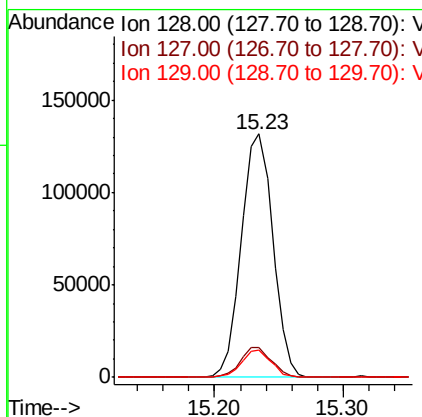
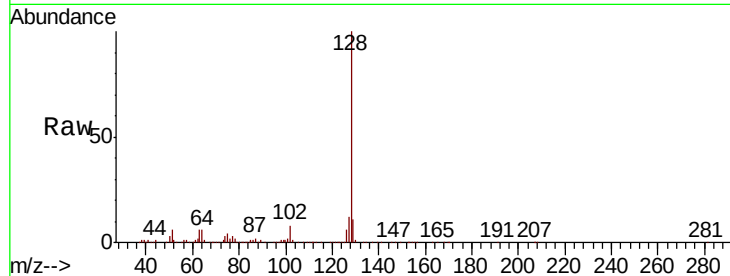
#95
Naphthalene
Concen: 17.914 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	223246		
127	12.2		10.1	15.1
129	10.5		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.317 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001141.D
Acq: 02 Jan 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84623		
182	92.4		47.8	143.3
145	32.4		16.5	49.5

