

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001137.D
 Acq On : 02 Jan 2020 16:25
 Operator : SY/MD
 Sample : VY0102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:13:27 AM

Quant Time: Jan 02 23:30:23 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	363636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	514769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	155560	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	7.73	113	171798	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.18	98	694081	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
62) 4-Bromofluorobenzene	12.48	95	229306	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58575	21.874	ug/l	96
3) Chloromethane	2.12	50	52281	28.129	ug/l	99
4) Vinyl Chloride	2.25	62	49560	26.226	ug/l	97
5) Bromomethane	2.63	94	36843	26.842	ug/l	95
6) Chloroethane	2.79	64	33268	25.941	ug/l	95
7) Trichlorofluoromethane	3.13	101	100870	19.832	ug/l	99
8) Diethyl Ether	3.54	74	47554	26.610	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	81156	25.381	ug/l	93
10) Methyl Iodide	4.10	142	109280	21.547	ug/l	99
11) Tert butyl alcohol	4.97	59	36922	126.062	ug/l	98
12) 1,1-Dichloroethene	3.88	96	81383	24.667	ug/l	97
13) Acrolein	3.74	56	41392	154.673	ug/l	98
14) Allyl chloride	4.49	41	88035	23.153	ug/l	99
15) Acrylonitrile	5.18	53	100855	119.997	ug/l	98
16) Acetone	3.95	43	72038	136.175	ug/l	94
17) Carbon Disulfide	4.19	76	241840	23.624	ug/l	99
18) Methyl Acetate	4.49	43	45938	24.903	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	187573	22.806	ug/l	97
20) Methylene Chloride	4.72	84	95558	23.981	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	87596	23.122	ug/l	90
22) Diisopropyl ether	6.13	45	183329	24.547	ug/l	94
23) Vinyl Acetate	6.07	43	582969	118.177	ug/l	99
24) 1,1-Dichloroethane	6.03	63	125096	24.231	ug/l	97
25) 2-Butanone	7.00	43	108893	114.203	ug/l	98
26) 2,2-Dichloropropane	6.99	77	112317	20.165	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	95467	21.450	ug/l	99
28) Bromochloromethane	7.34	49	38433	19.861	ug/l	98
29) Tetrahydrofuran	7.36	42	71900	112.127	ug/l	98
30) Chloroform	7.52	83	131596	20.883	ug/l	97
31) Cyclohexane	7.79	56	119956	20.039	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	116983	19.886	ug/l	99
36) 1,1-Dichloropropene	7.93	75	104156	19.958	ug/l	100
37) Ethyl Acetate	7.08	43	47747	21.995	ug/l	98
38) Carbon Tetrachloride	7.91	117	107545	19.832	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	148278	20.507	ug/l	97
40) Benzene	8.17	78	326779	20.338	ug/l	97
41) Methacrylonitrile	7.33	41	21896m	22.399	ug/l	
42) 1,2-Dichloroethane	8.24	62	78151	20.437	ug/l	100
43) Isopropyl Acetate	8.28	43	91614	21.479	ug/l	98
44) Trichloroethene	8.94	130	98107	20.407	ug/l	93
45) 1,2-Dichloropropane	9.22	63	73302	20.541	ug/l	96
46) Dibromomethane	9.31	93	43194	20.550	ug/l	98
47) Bromodichloromethane	9.50	83	98165	20.757	ug/l	99
48) Methyl methacrylate	9.30	41	37620	20.704	ug/l	99
49) 1,4-Dioxane	9.30	88	12817	405.402	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	232583	115.628	ug/l	100
52) Toluene	10.24	92	210193	21.480	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	103414	20.934	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	124320	21.422	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	65633	21.600	ug/l	99
56) Ethyl methacrylate	10.50	69	85627	21.988	ug/l	99
57) 1,3-Dichloropropane	10.79	76	108971	22.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	158417	113.504	ug/l	97
59) 2-Hexanone	10.83	43	160650	118.214	ug/l	99
60) Dibromochloromethane	10.99	129	75562	21.718	ug/l	98
61) 1,2-Dibromoethane	11.09	107	64209	21.733	ug/l	99
64) Tetrachloroethene	10.72	164	101714	21.058	ug/l	98
65) Chlorobenzene	11.52	112	223277	20.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	79505	20.606	ug/l	98
67) Ethyl Benzene	11.59	91	392654	20.584	ug/l	98
68) m/p-Xylenes	11.70	106	307227	40.733	ug/l	99
69) o-Xylene	12.03	106	144563	20.188	ug/l	100
70) Styrene	12.04	104	245804	20.280	ug/l	99
71) Bromoform	12.20	173	43699	19.236	ug/l #	99
73) Isopropylbenzene	12.33	105	388217	21.330	ug/l	98
74) N-amyl acetate	12.14	43	75961	22.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68189	21.198	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	48870m	19.141	ug/l	
77) Bromobenzene	12.61	156	89862	20.421	ug/l	99
78) n-propylbenzene	12.67	91	439053	20.402	ug/l	99
79) 2-Chlorotoluene	12.75	91	244208	20.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	316455	20.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27565	22.382	ug/l	97
82) 4-Chlorotoluene	12.85	91	250963	20.500	ug/l	99
83) tert-Butylbenzene	13.07	119	276887	21.105	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	318007	20.628	ug/l	99
85) sec-Butylbenzene	13.25	105	382174	20.799	ug/l	98
86) p-Isopropyltoluene	13.37	119	336656	20.345	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	174521	21.190	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	172001	20.743	ug/l	100
89) n-Butylbenzene	13.69	91	323021	20.798	ug/l	99
90) Hexachloroethane	13.95	117	64815	21.146	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	159496	21.115	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11933	21.030	ug/l	98

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QLast Update : Thu Jan 02 13:16:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	112874	21.695	ug/l	96
94) Hexachlorobutadiene	15.11	225	55026	20.882	ug/l	98
95) Naphthalene	15.23	128	256337	21.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	100292	21.541	ug/l	97

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

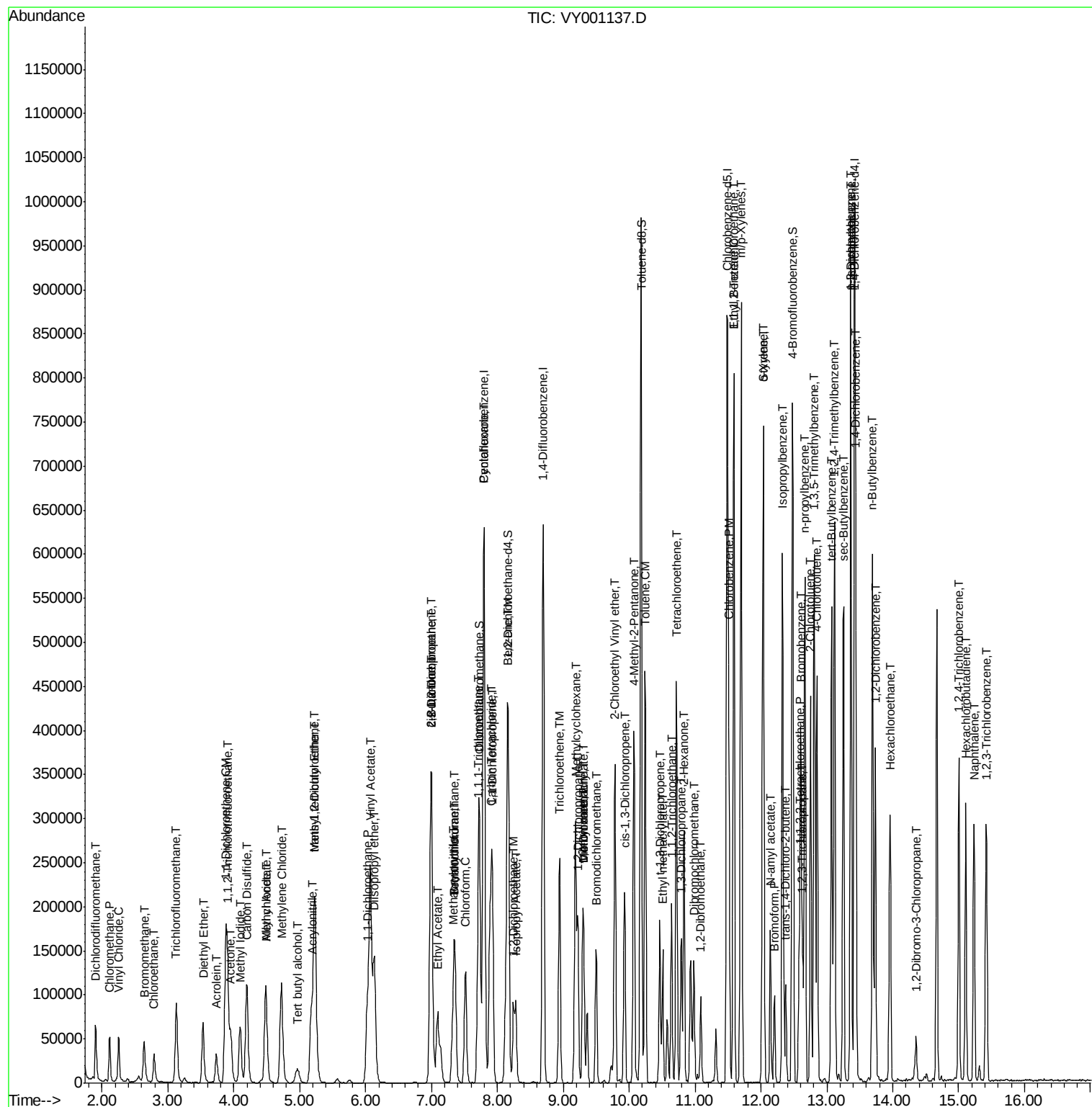
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 Data File : VY001137.D
 Acq On : 02 Jan 2020 16:25
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 Sample : VY0102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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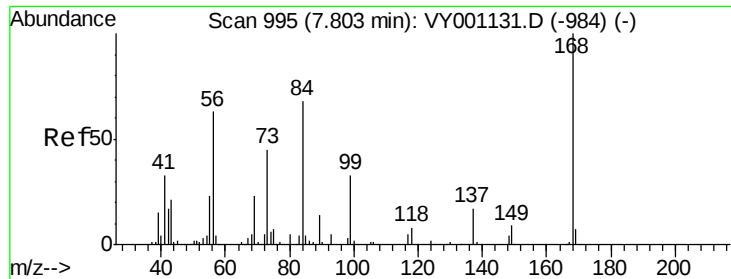
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:168 Resp: 363636

Ion Ratio Lower Upper

168 100

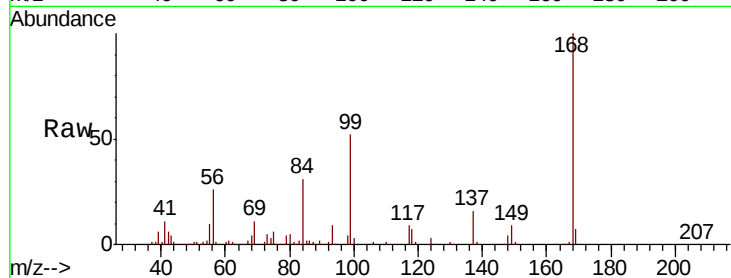
99 51.5 42.5 63.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001137.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY001137.D (-946) (-)

7.80

150000

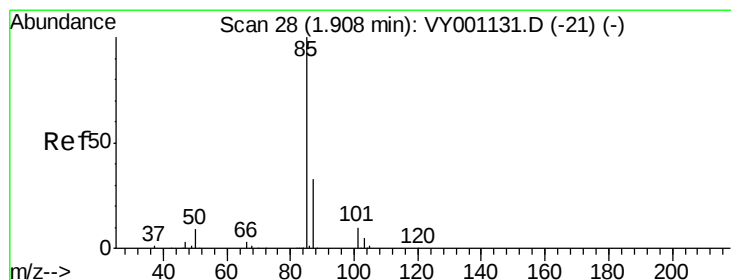
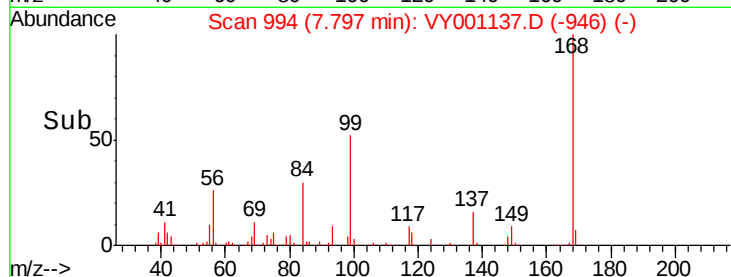
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.874 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001137.D

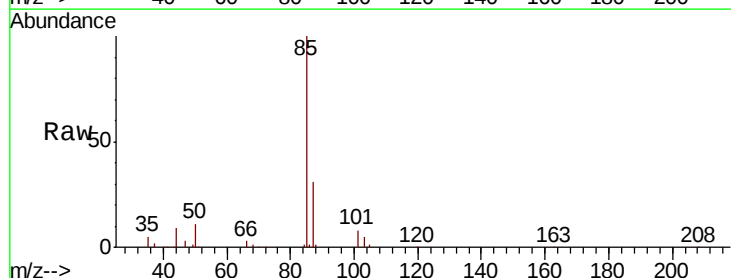
Acq: 02 Jan 2020 16:25

Tgt Ion: 85 Resp: 58575

Ion Ratio Lower Upper

85 100

87 30.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001137.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001137.D (-1) (-)

1.90

40000

30000

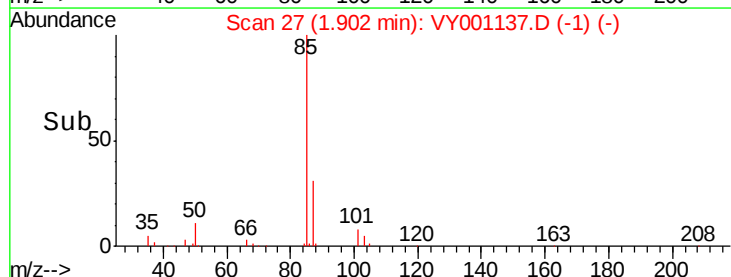
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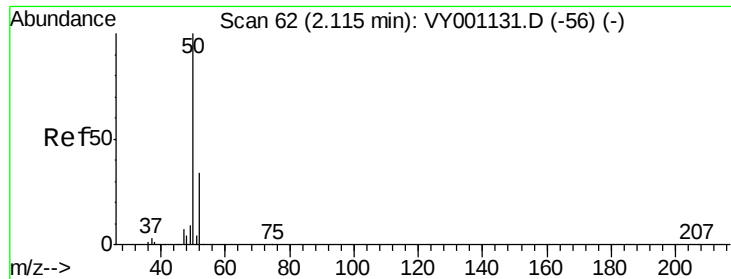
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 28.129 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 50 Resp: 52281

Ion Ratio Lower Upper

50 100

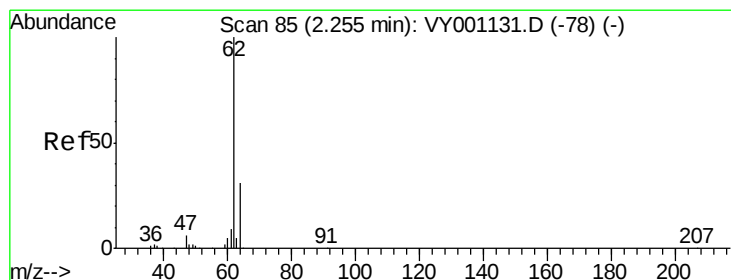
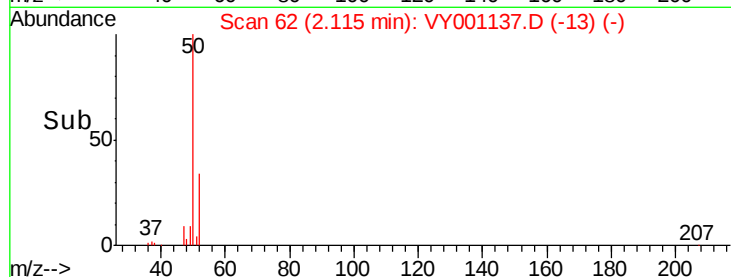
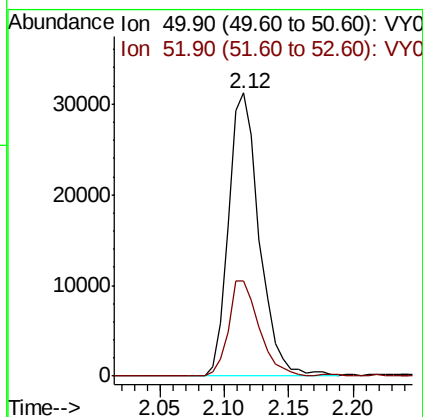
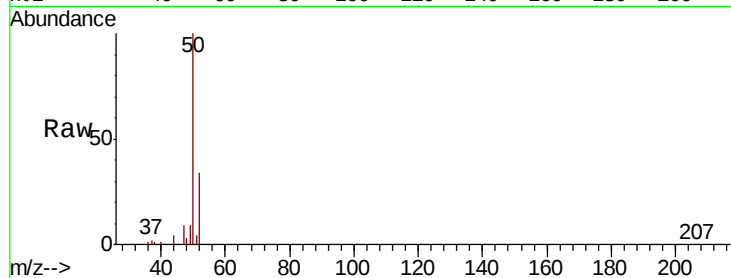
52 33.7 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 26.226 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001137.D

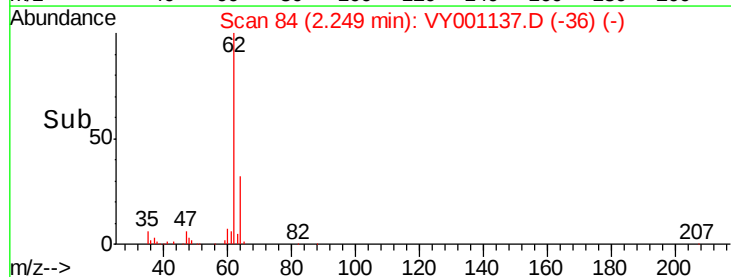
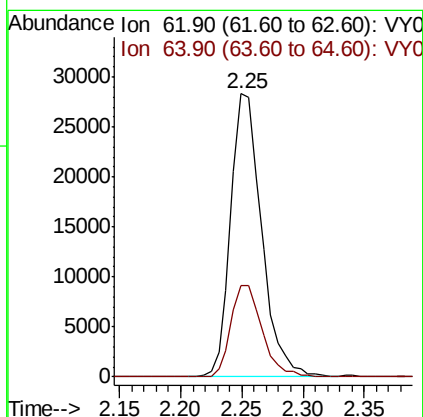
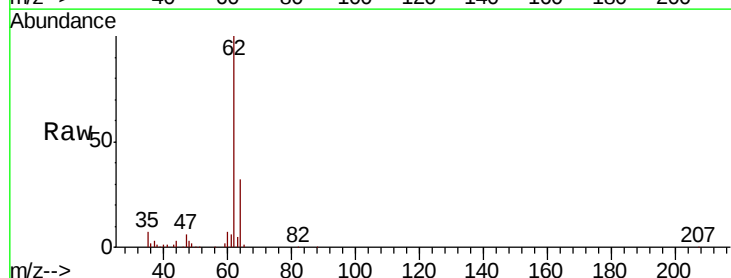
Acq: 02 Jan 2020 16:25

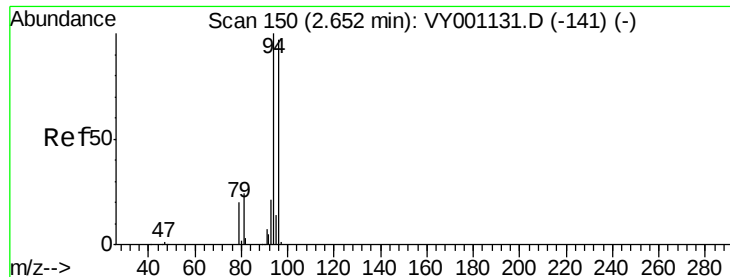
Tgt Ion: 62 Resp: 49560

Ion Ratio Lower Upper

62 100

64 32.2 24.4 36.6





#5

Bromomethane

Concen: 26.842 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

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ClientSampleId :

VY0102SBSD01

Tot Ion: 94 Resp: 36843

Ion Ratio Lower Upper

94 100

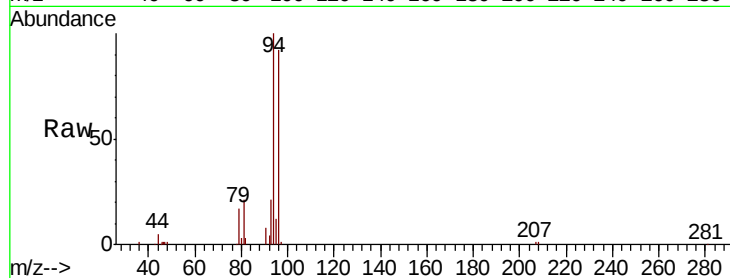
96 91.8 77.3 115.9

Manual Integrations

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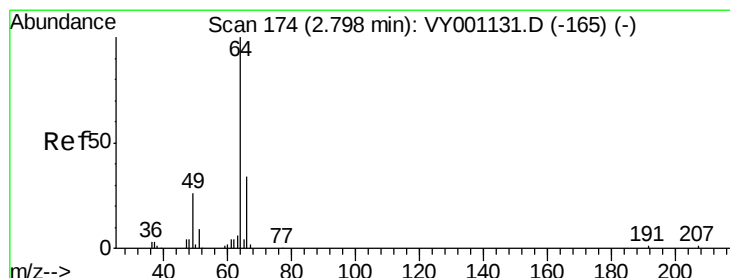
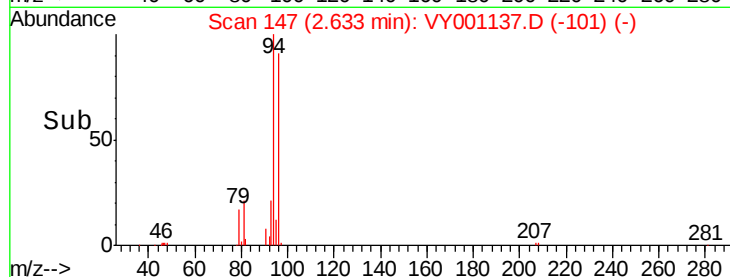
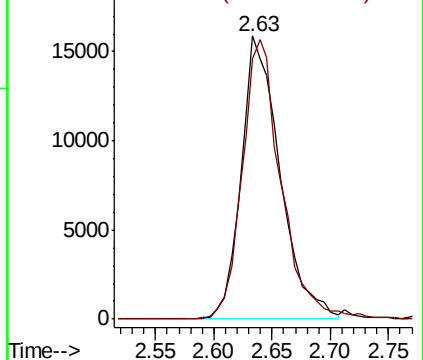
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 25.941 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001137.D

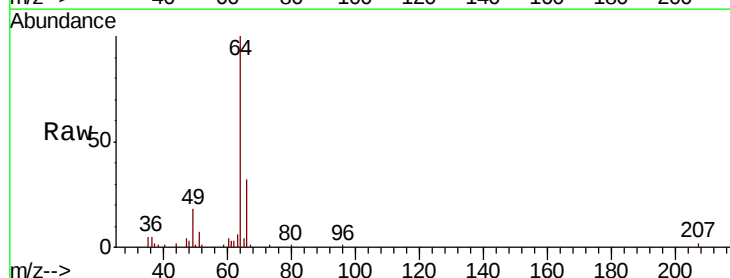
Acq: 02 Jan 2020 16:25

Tgt Ion: 64 Resp: 33268

Ion Ratio Lower Upper

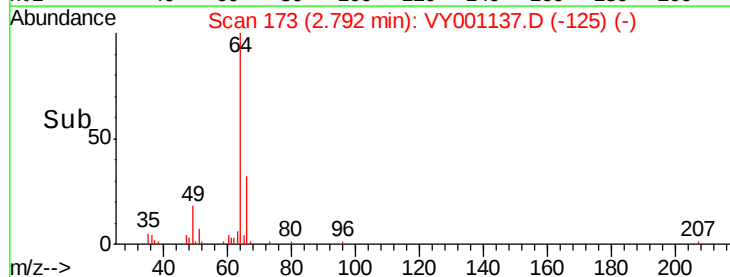
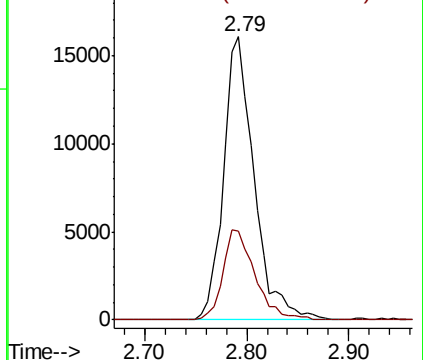
64 100

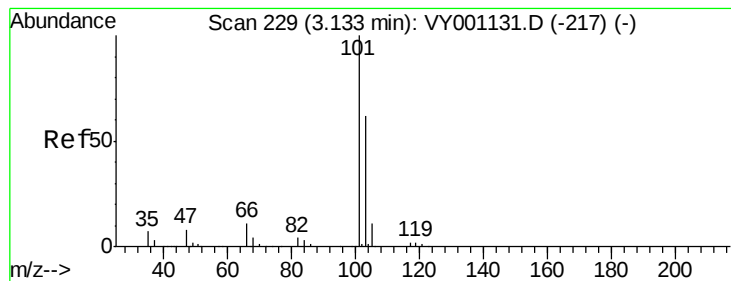
66 31.6 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

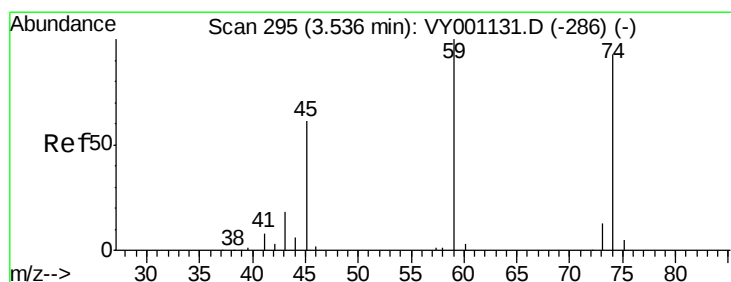
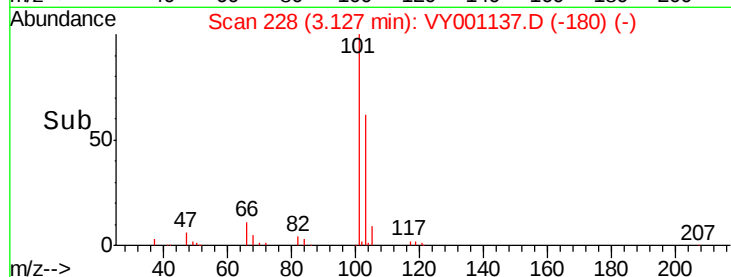
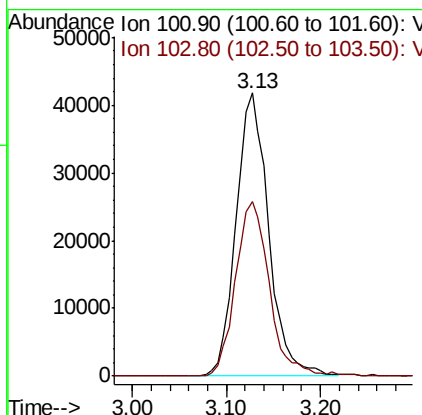
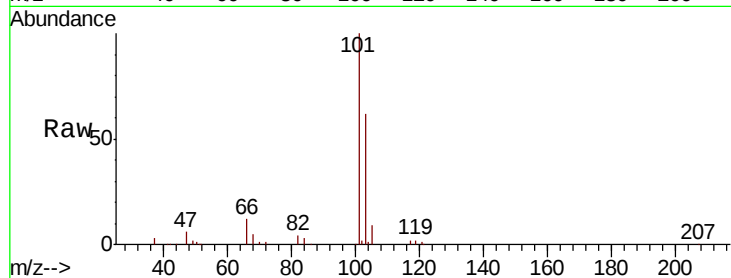
Trichlorofluoromethane
Concen: 19.832 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	49.7	74.5

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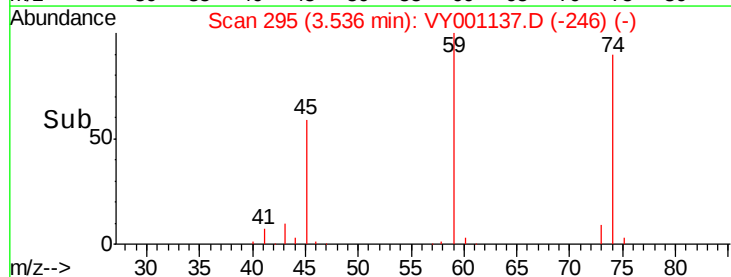
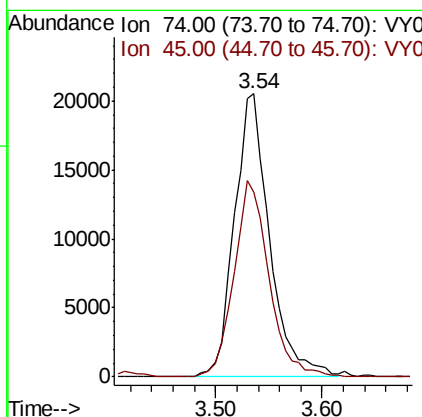
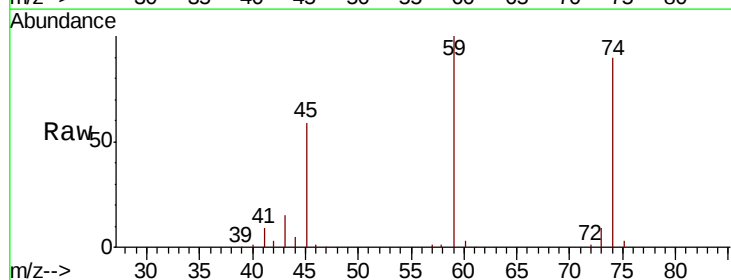
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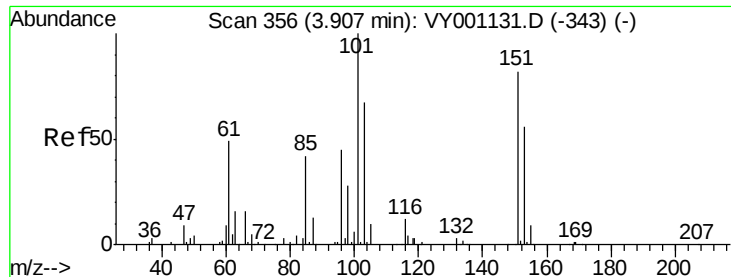


#8

Diethyl Ether
Concen: 26.610 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	69.2	33.2	99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.381 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

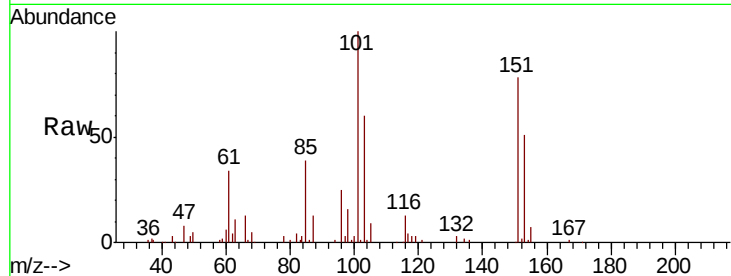
ClientSampleId :

VY0102SBSD01

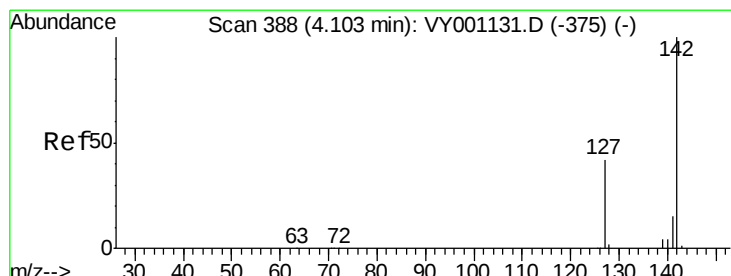
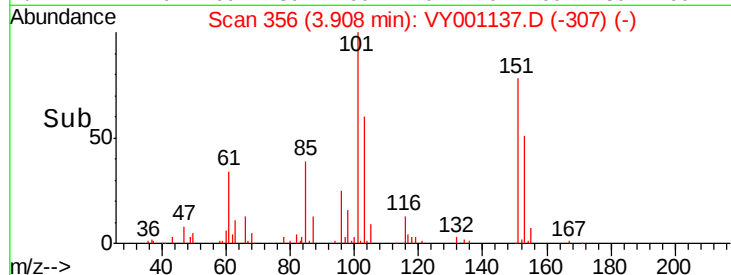
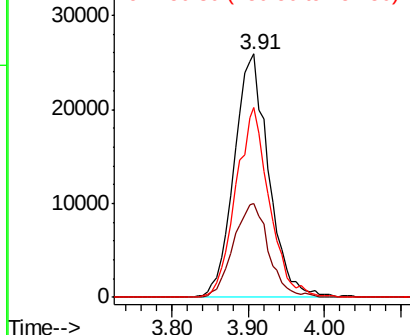
Tot Ion:	101	Resp:	81156
Ion Ratio	Lower	Upper	
101	100		
85	39.4	32.8	49.2
151	75.7	67.4	101.0

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



#10

Methyl Iodide

Concen: 21.547 ug/l

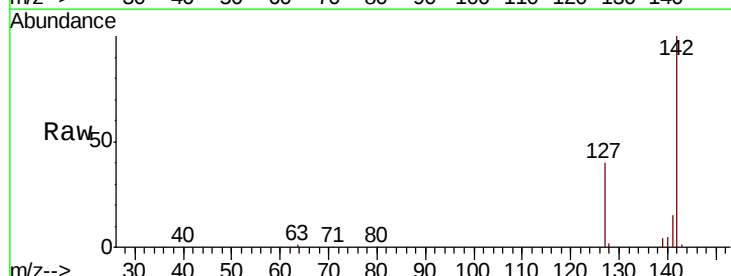
RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

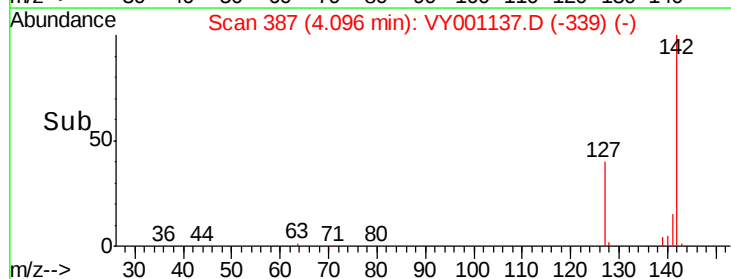
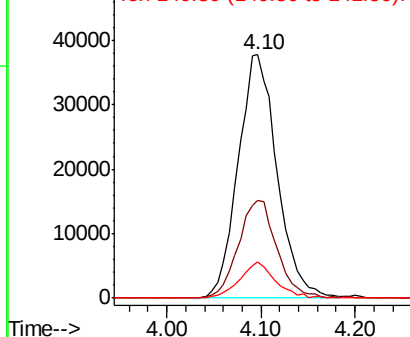
Lab File: VY001137.D

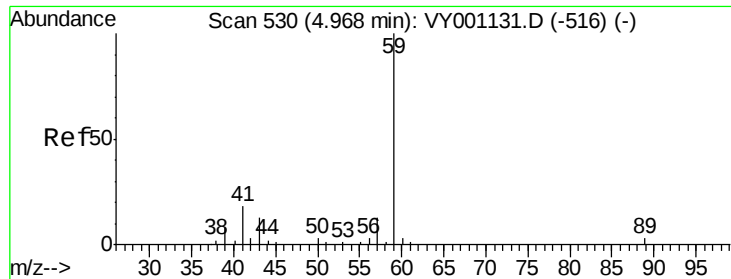
Acq: 02 Jan 2020 16:25

Tgt Ion:	142	Resp:	109280
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.2	48.4
141	13.6	11.1	16.7



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





#11

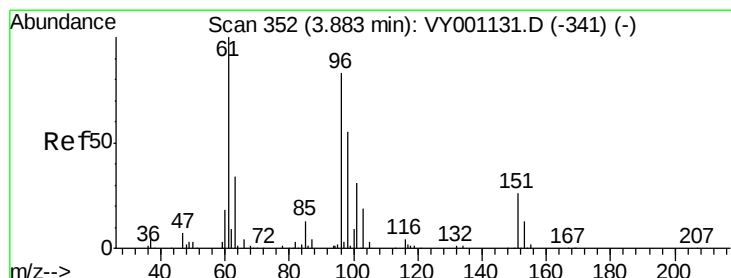
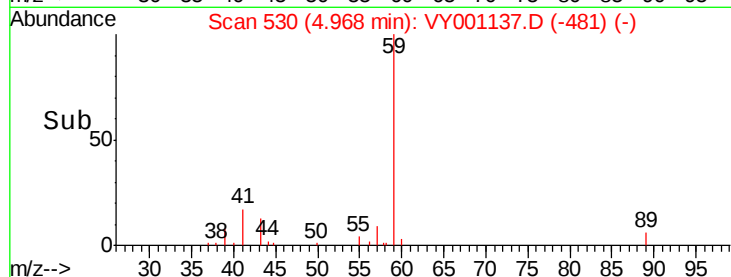
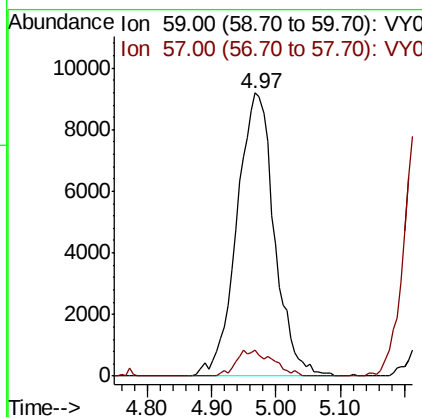
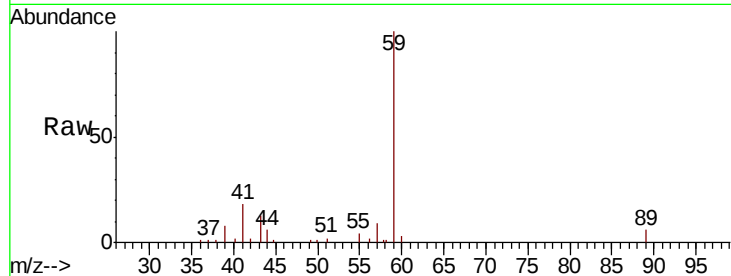
Tert butyl alcohol
 Concen: 126.062 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	59	57	Ratio	100	9.0	Resp	36922	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	9.0	Resp	36922	Lower	7.8	Upper	11.6

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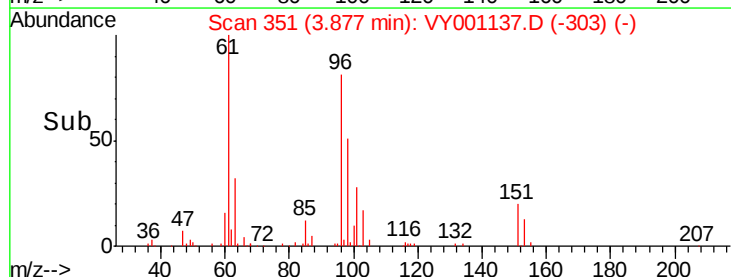
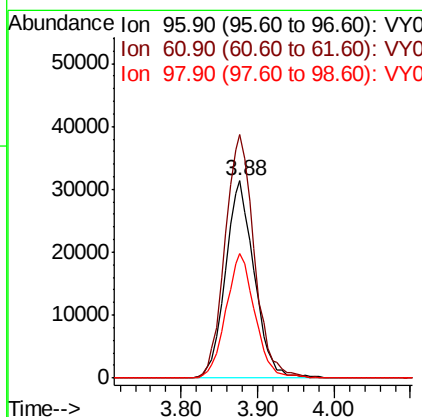
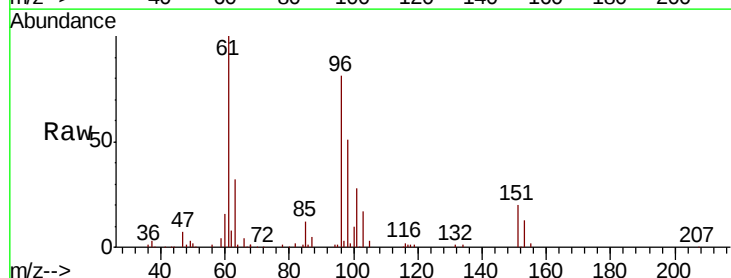
apatel
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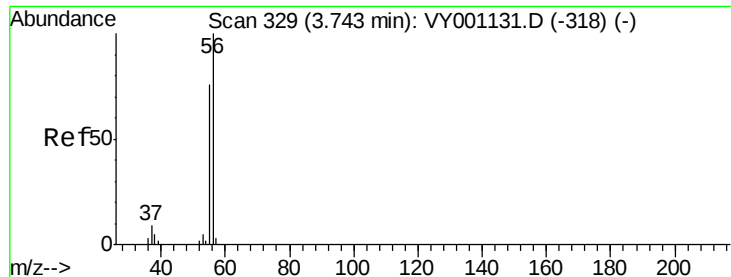


#12

1,1-Dichloroethene
 Concen: 24.667 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	96	61	98	Ratio	100	123.4	63.2	Resp	81383	Lower	96.2	52.8	Upper	144.4	79.2
Ion	96	61	98	Ratio	100	123.4	63.2	Resp	81383	Lower	96.2	52.8	Upper	144.4	79.2





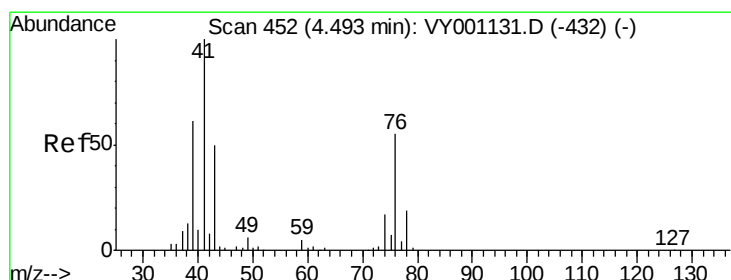
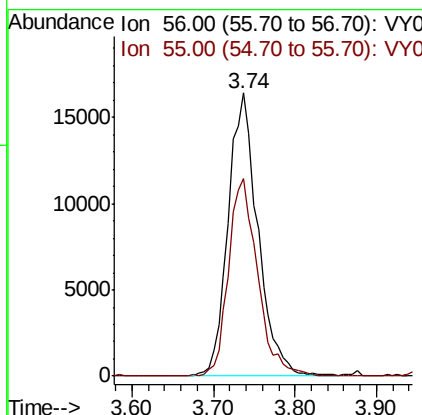
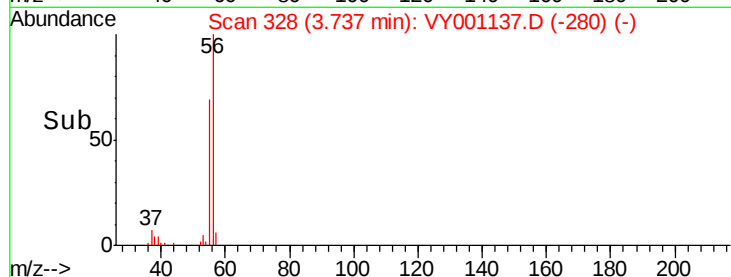
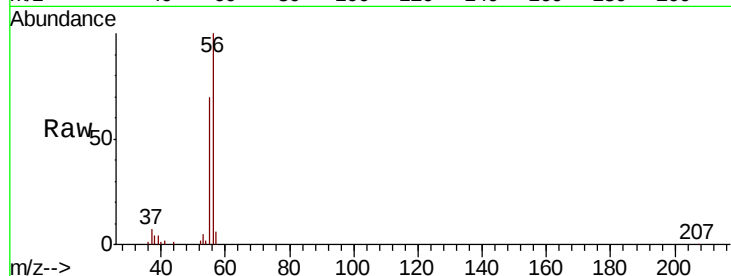
#13
Acrolein
Concen: 154.673 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	55.7	83.5

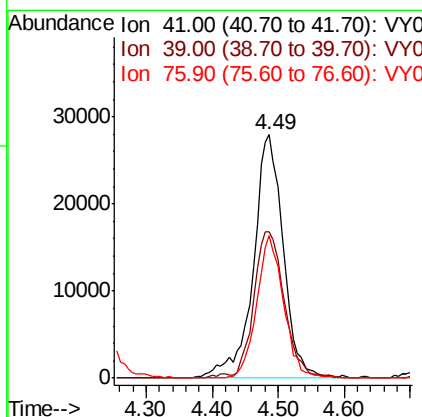
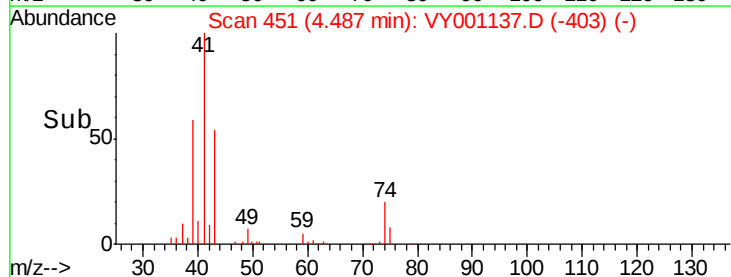
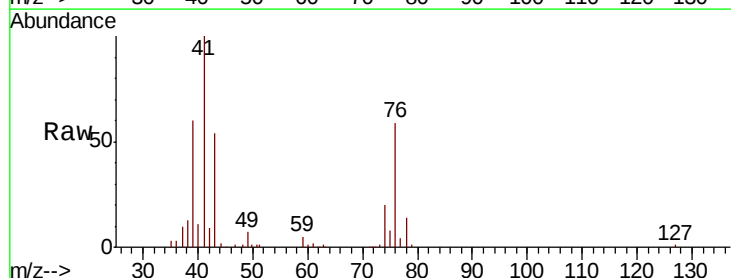
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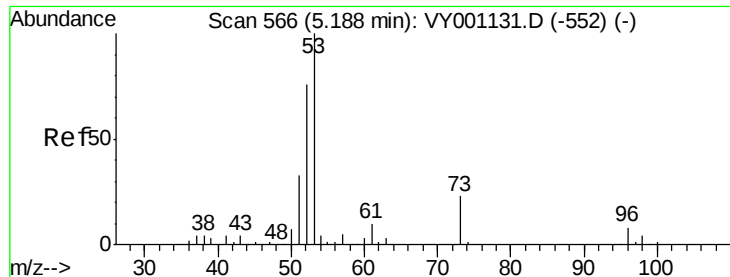
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#14
Allyl chloride
Concen: 23.153 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	50.1	75.1
76	52.7	42.1	63.1





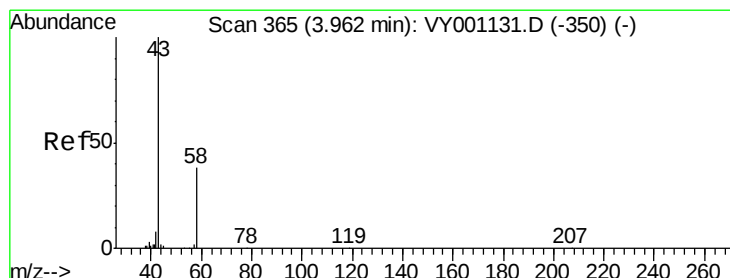
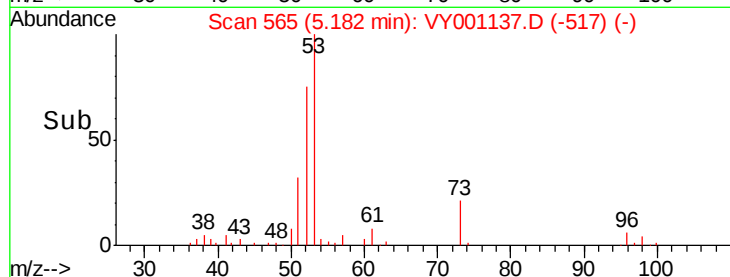
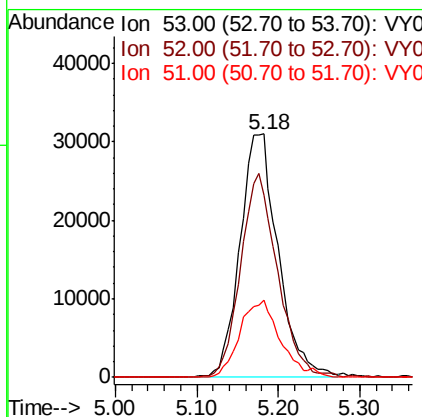
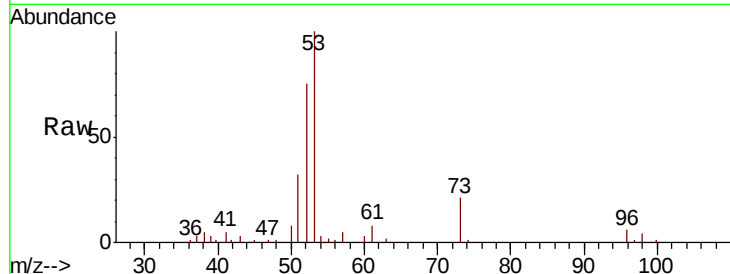
#15
 Acrylonitrile
 Concen: 119.997 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	53	Resp	100855
Ion Ratio	Lower	Upper	
53	100		
52	80.9	63.0	94.4
51	33.8	26.1	39.1

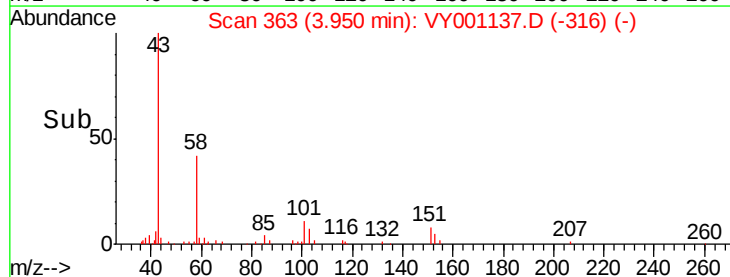
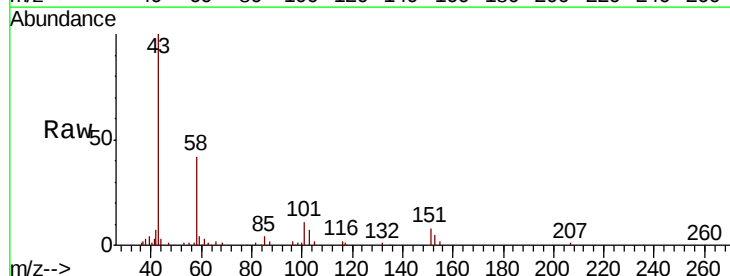
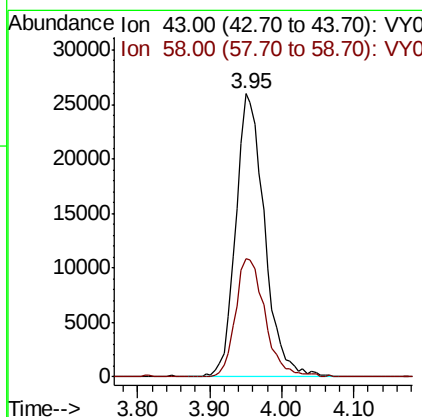
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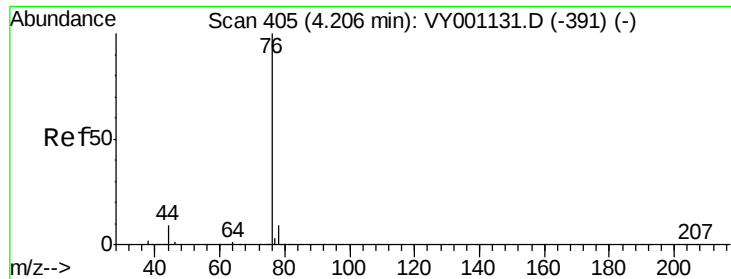
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#16
 Acetone
 Concen: 136.175 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	43	Resp	72038
Ion Ratio	Lower	Upper	
43	100		
58	41.8	30.6	46.0





#17

Carbon Disulfide

Concen: 23.624 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 76 Resp: 241840

Ion Ratio Lower Upper

76 100

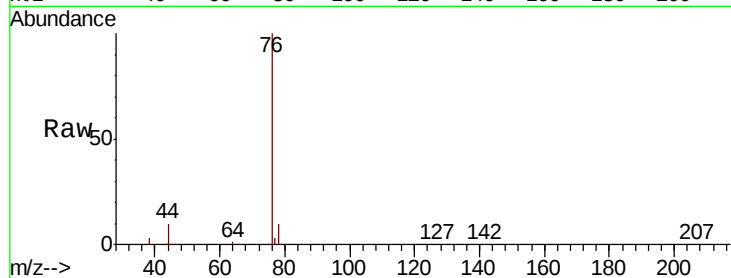
78 9.5 7.4 11.0

Manual Integrations

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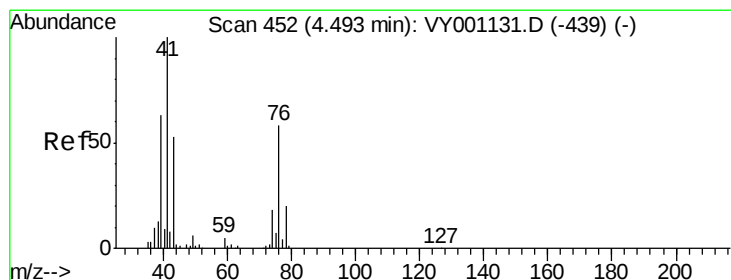
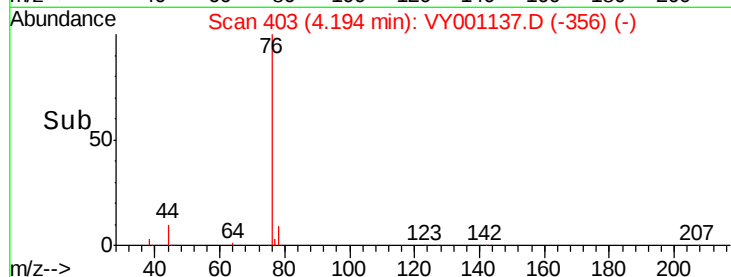
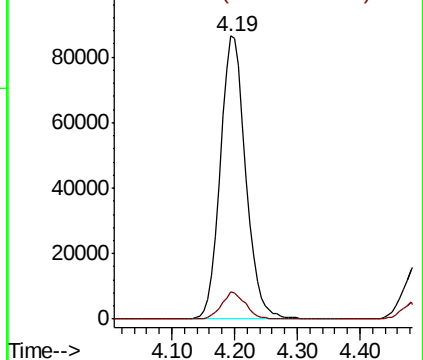
apatel

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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: 24.903 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001137.D

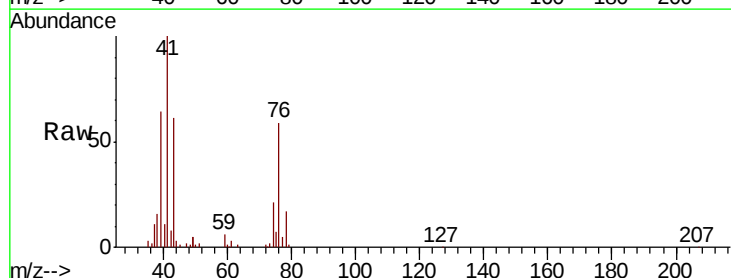
Acq: 02 Jan 2020 16:25

Tgt Ion: 43 Resp: 45938

Ion Ratio Lower Upper

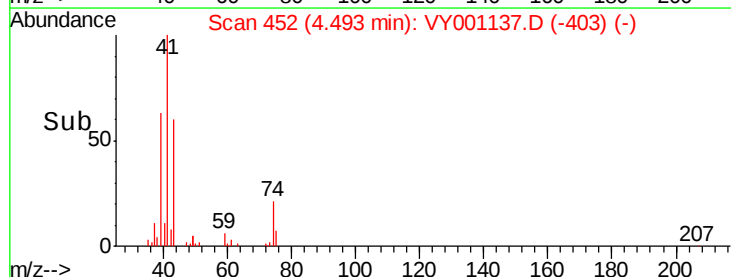
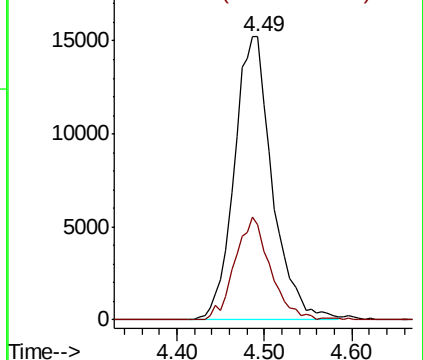
43 100

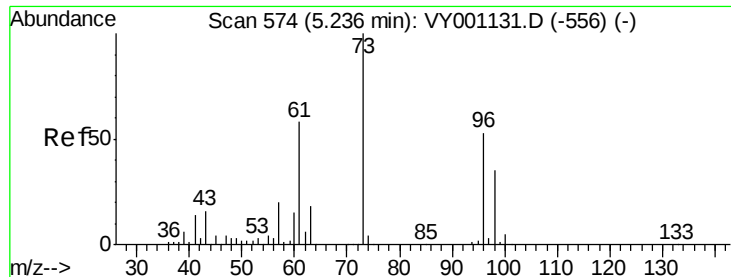
74 34.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





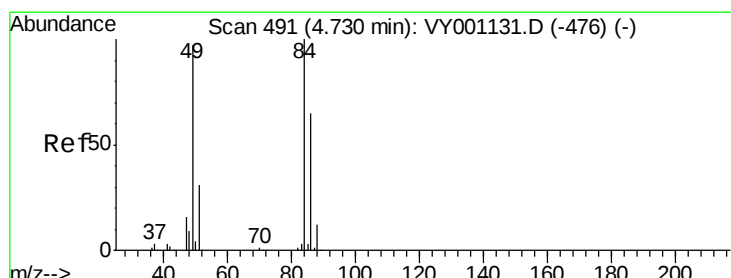
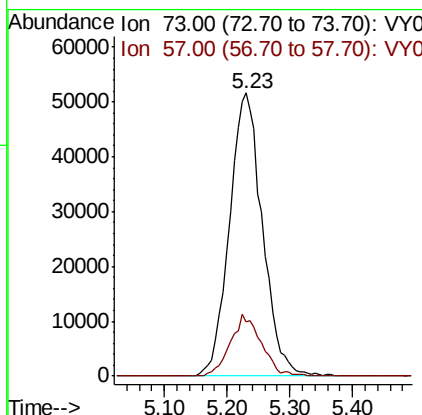
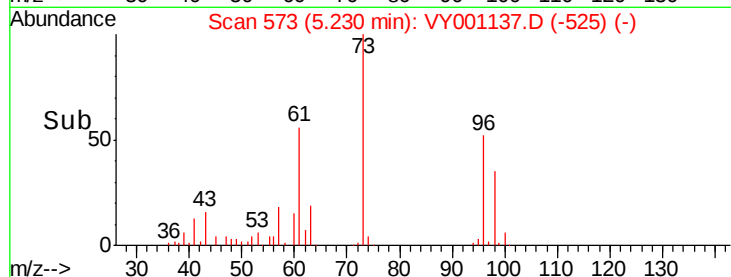
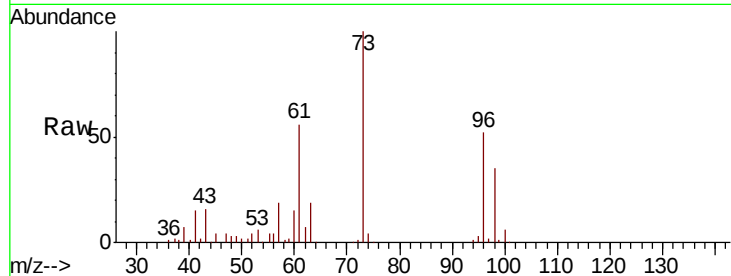
#19
Methyl tert-butyl Ether
Concen: 22.806 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion: 73 Resp: 187573
Ion Ratio Lower Upper
73 100
57 19.1 16.3 24.5

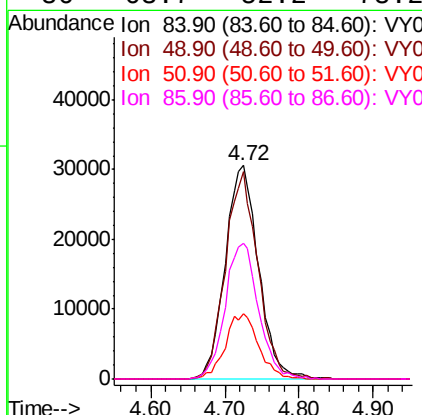
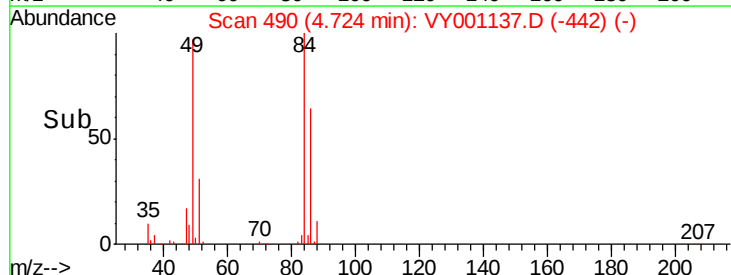
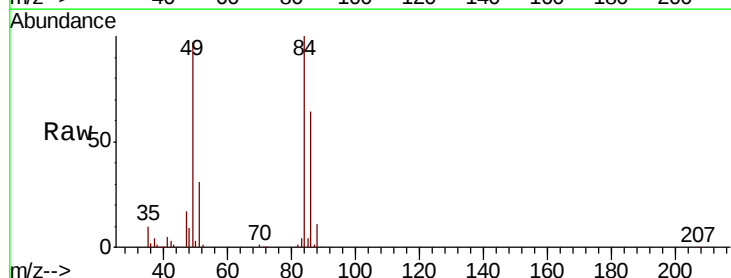
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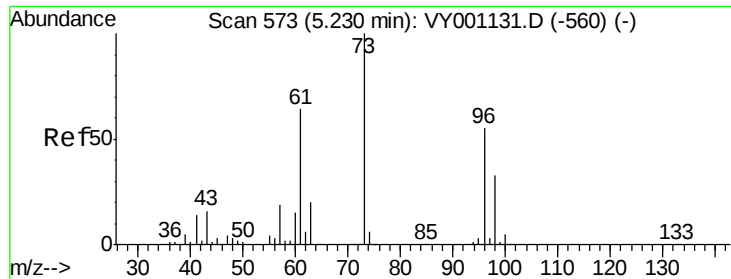
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#20
Methylene Chloride
Concen: 23.981 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion: 84 Resp: 95558
Ion Ratio Lower Upper
84 100
49 97.0 77.5 116.3
51 30.8 24.7 37.1
86 63.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 23.122 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

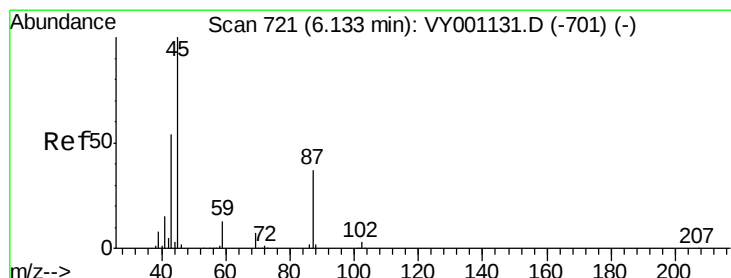
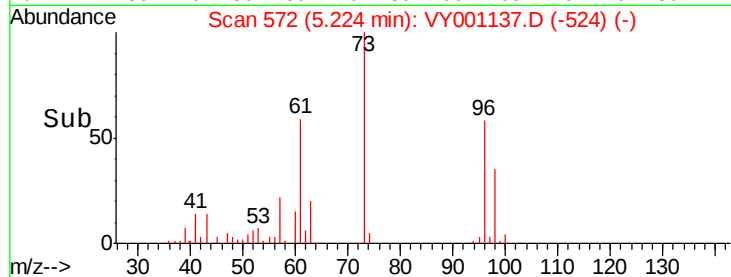
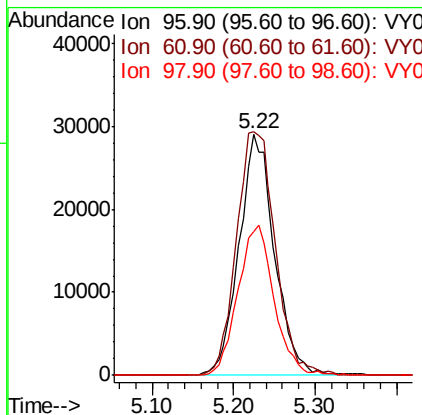
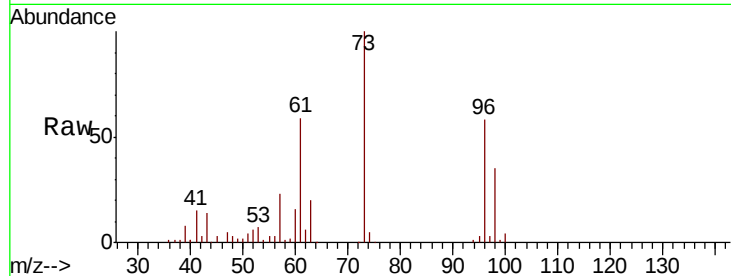
ClientSampleId :

VY0102SBSD01

Tot Ion:	96	Resp:	87596
Ion	Ratio	Lower	Upper
96	100		
61	100.9	93.2	139.8
98	59.6	48.8	73.2

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#22

Diisopropyl ether

Concen: 24.547 ug/l

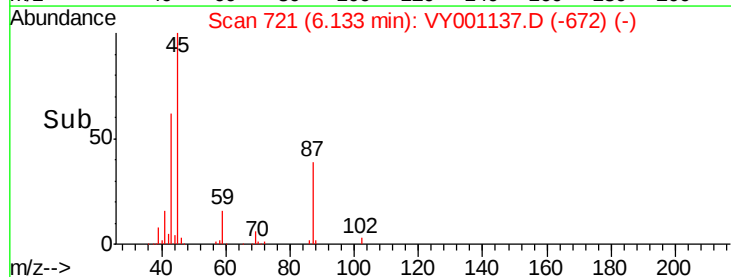
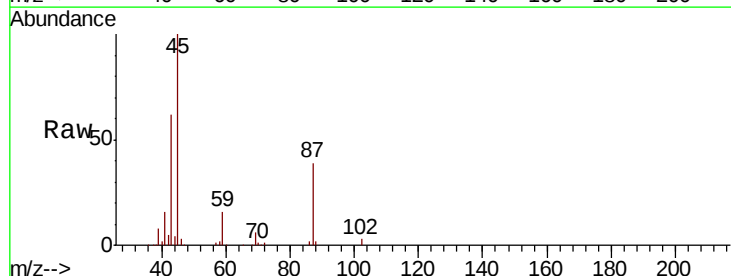
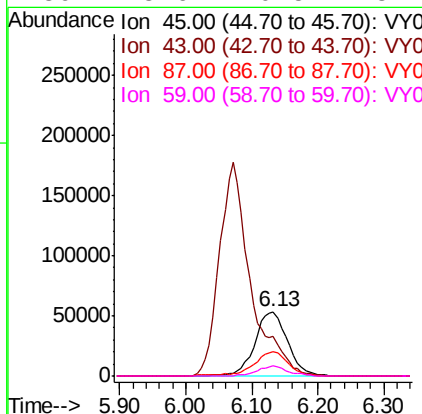
RT: 6.13 min Scan# 721

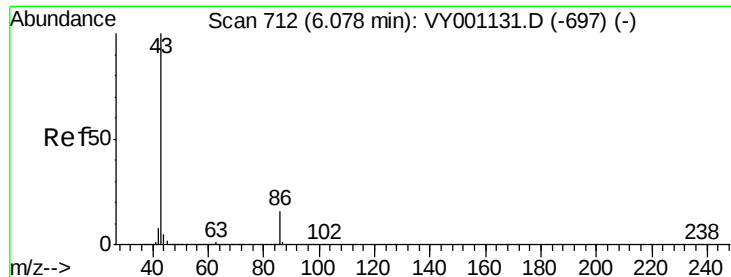
Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Tgt Ion:	45	Resp:	183329
Ion	Ratio	Lower	Upper
45	100		
43	61.4	43.7	65.5
87	38.6	30.0	45.0
59	15.6	10.5	15.7





#23

Vinyl Acetate

Concen: 118.177 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 43 Resp: 582969

Ion Ratio Lower Upper

43 100

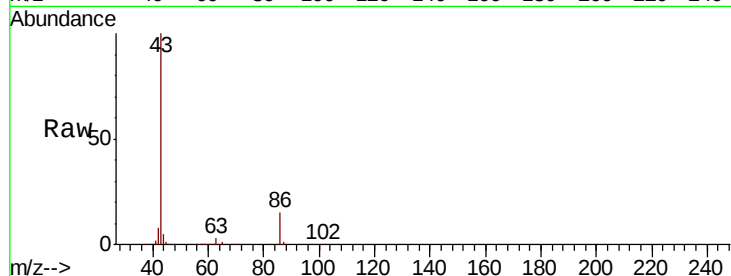
86 15.4 12.6 18.8

Manual Integrations

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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

200000

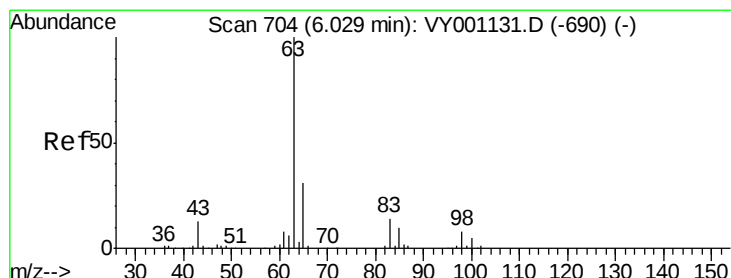
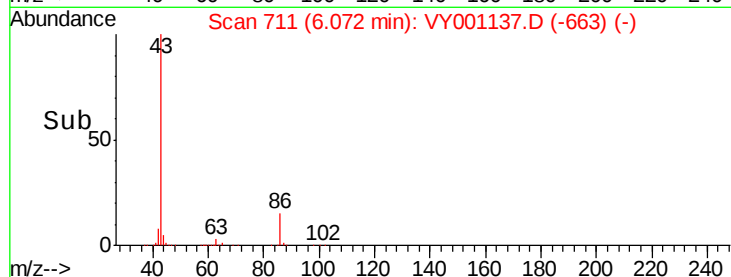
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 24.231 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

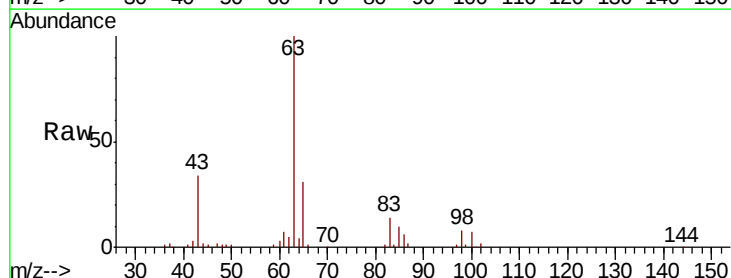
Tgt Ion: 63 Resp: 125096

Ion Ratio Lower Upper

63 100

98 8.1 4.1 12.3

100 7.2 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

50000

40000

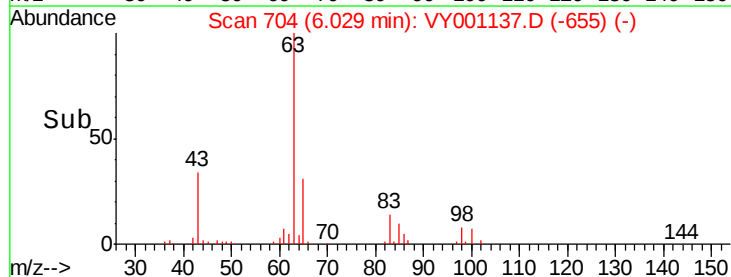
30000

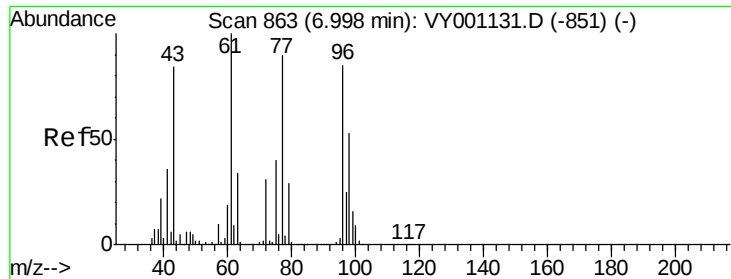
20000

10000

0

Time-->





#25

2-Butanone

Concen: 114.203 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 43 Resp: 108893

Ion Ratio Lower Upper

43 100

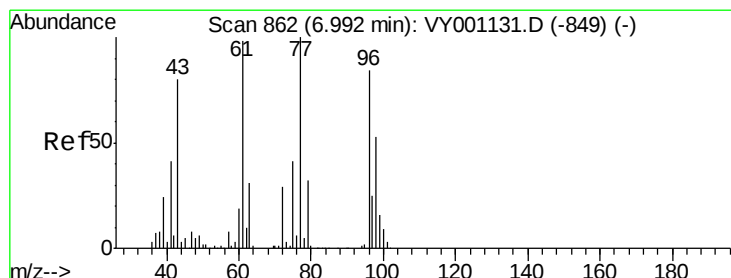
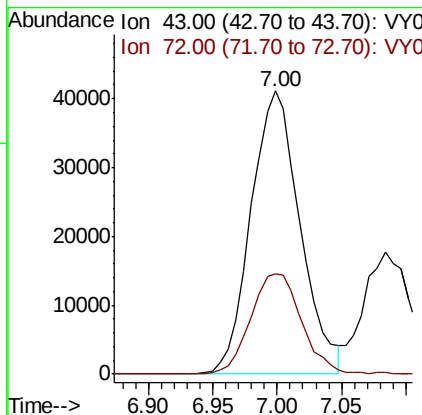
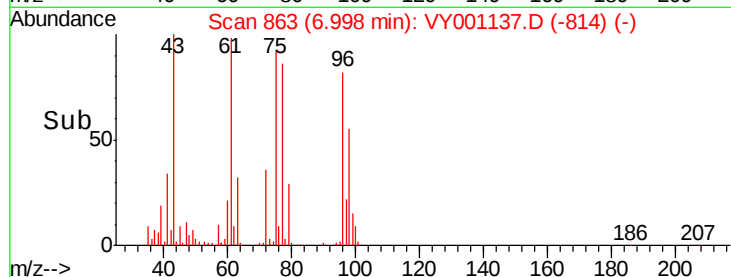
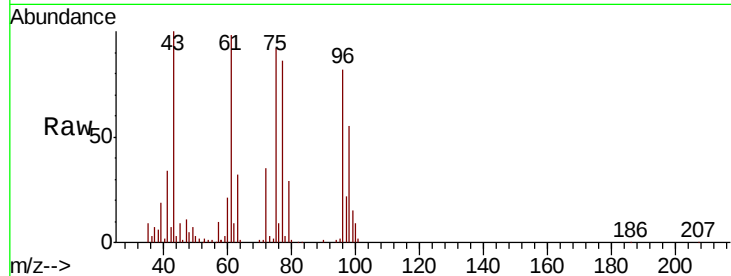
72 35.5 29.5 44.3

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#26

2,2-Dichloropropane

Concen: 20.165 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001137.D

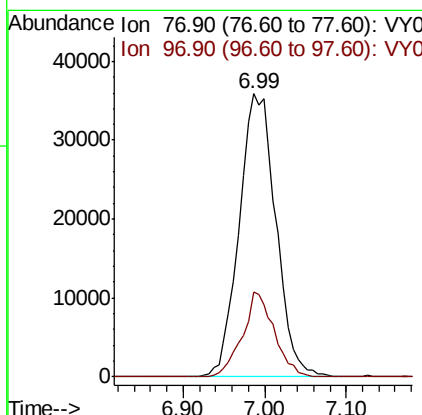
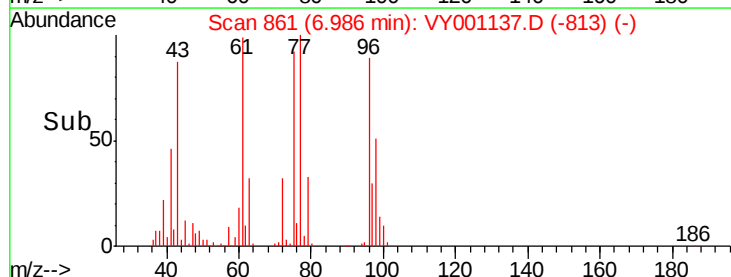
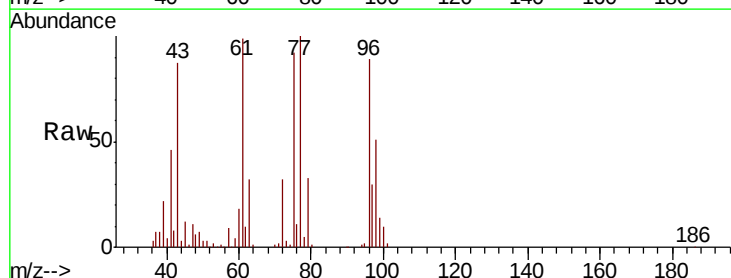
Acq: 02 Jan 2020 16:25

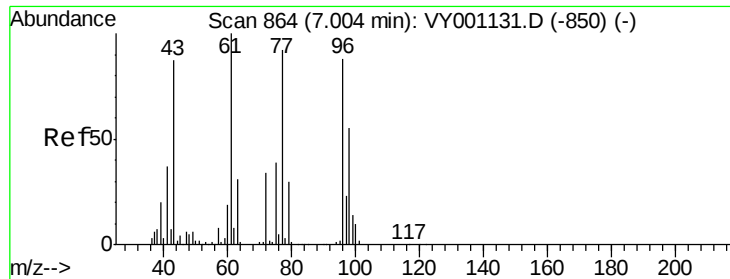
Tgt Ion: 77 Resp: 112317

Ion Ratio Lower Upper

77 100

97 26.1 12.6 37.6





#27

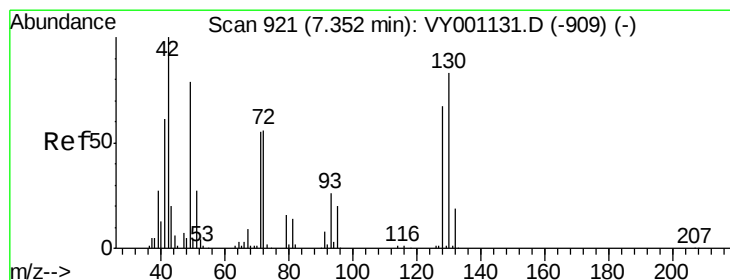
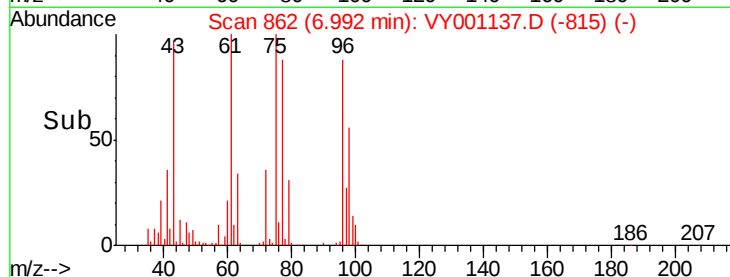
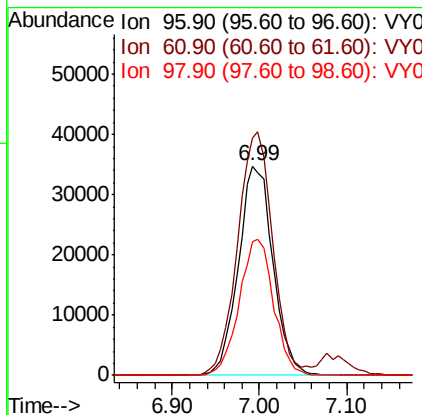
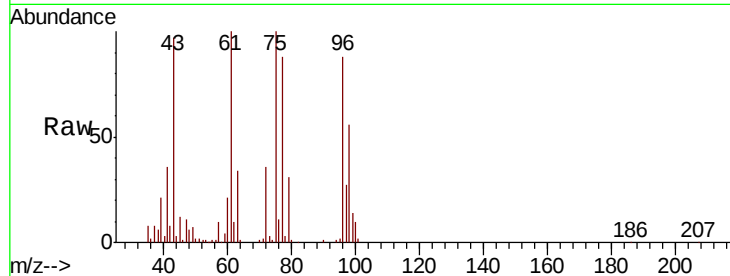
cis-1,2-Dichloroethene
Concen: 21.450 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	235.0
98	64.5	0.0	127.4

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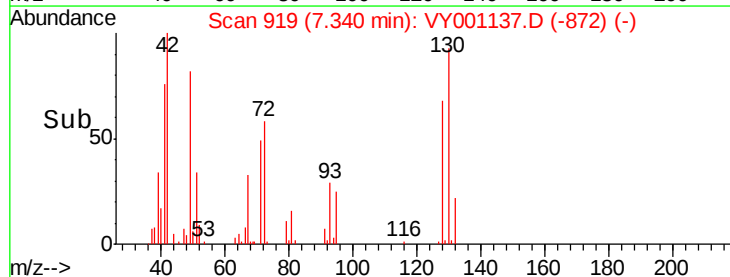
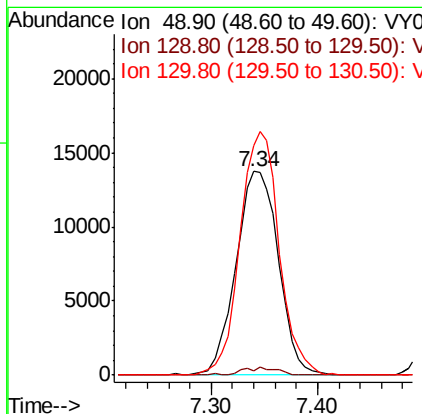
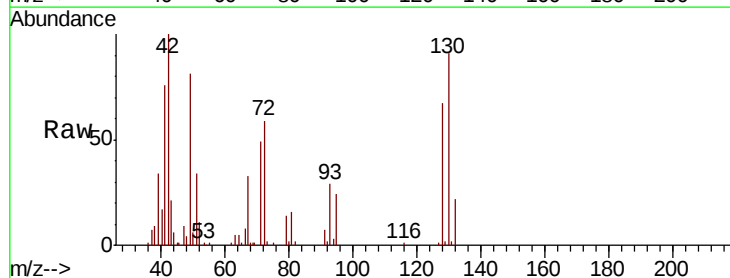
apatel
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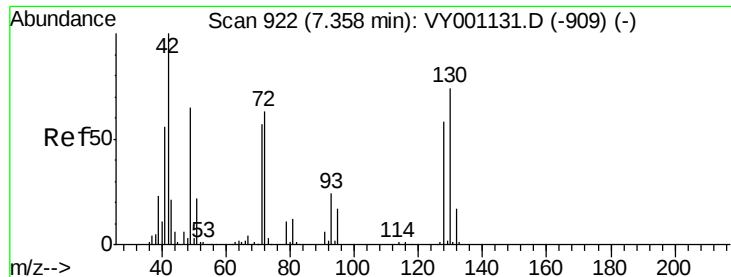


#28

Bromochloromethane
Concen: 19.861 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.0
130	110.2	86.9	130.3





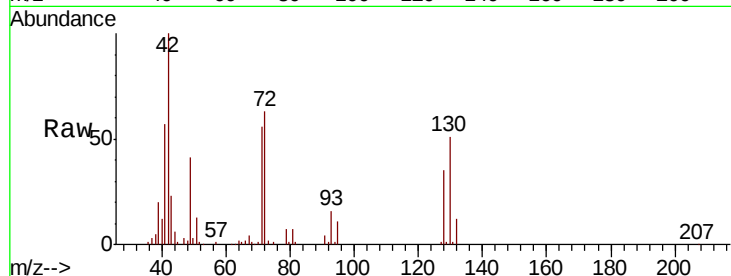
#29
Tetrahydrofuran
Concen: 112.127 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.3	49.0	73.6
71	56.3	45.3	67.9

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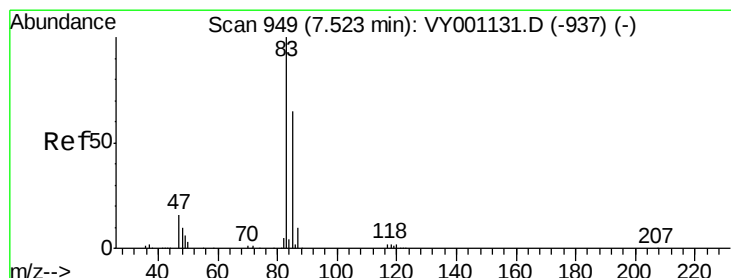
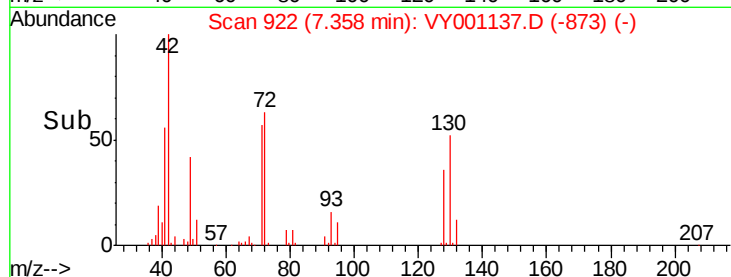
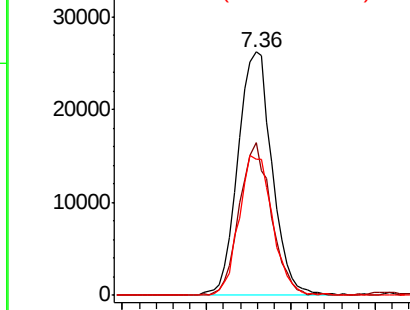


Abundance

Ion 42.00 (41.70 to 42.70): VY0

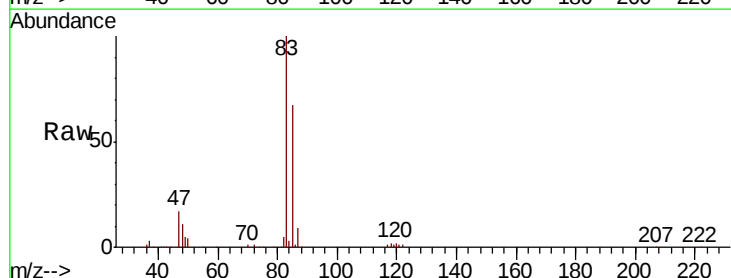
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 20.883 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

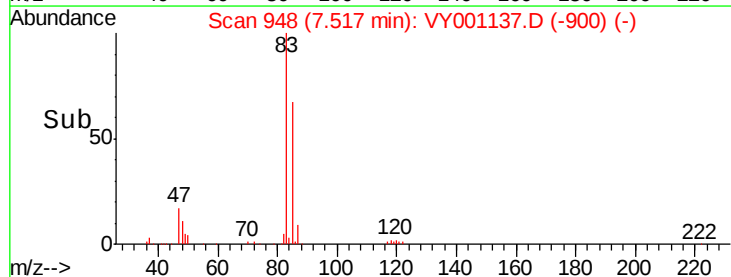
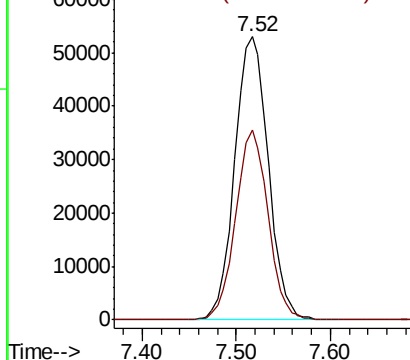
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.0	78.0

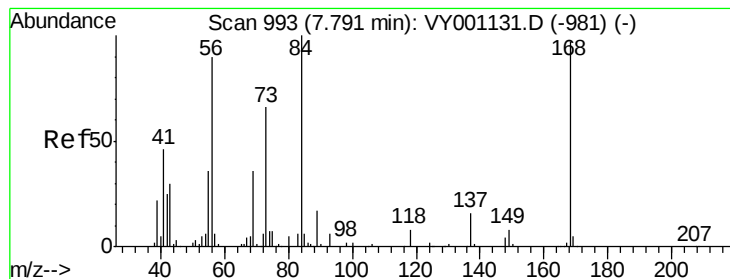


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.039 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

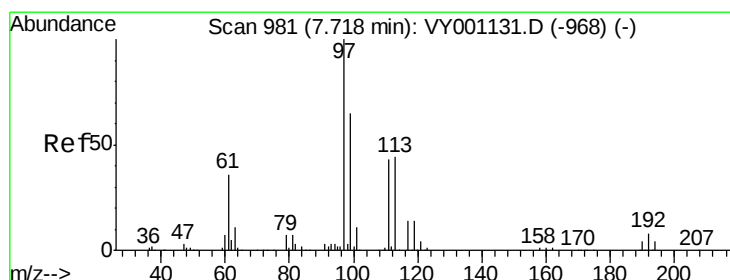
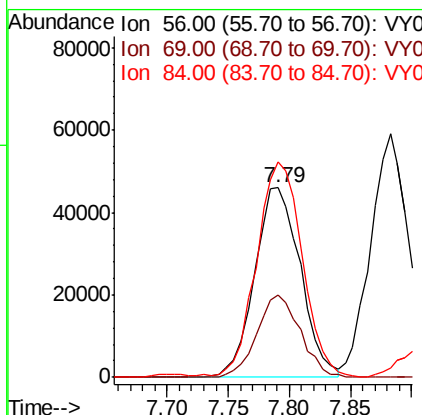
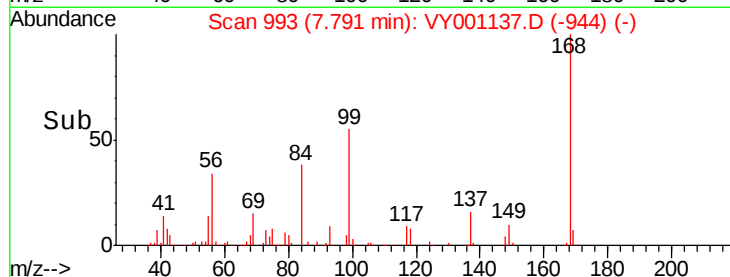
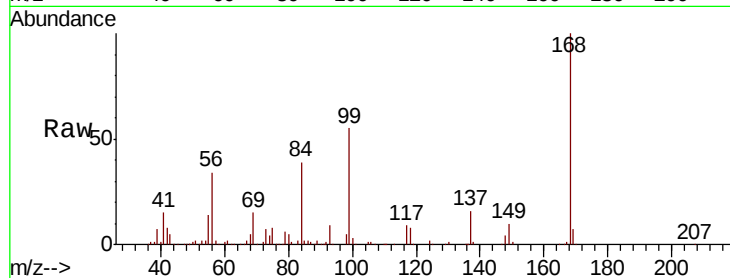
ClientSampleId :

VY0102SBS01

Tot Ion:	56	Resp:	119956
Ion Ratio	Lower	Upper	
56	100		
69	43.5	32.0	48.0
84	112.6	89.1	133.7

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#32

1,1,1-Trichloroethane

Concen: 19.886 ug/l

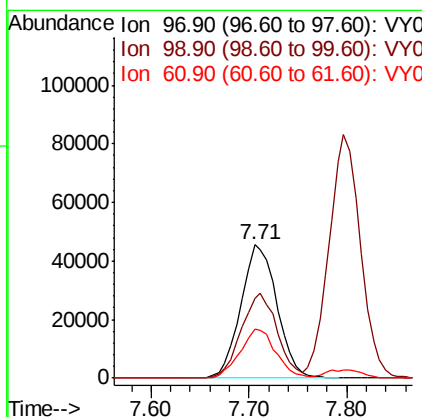
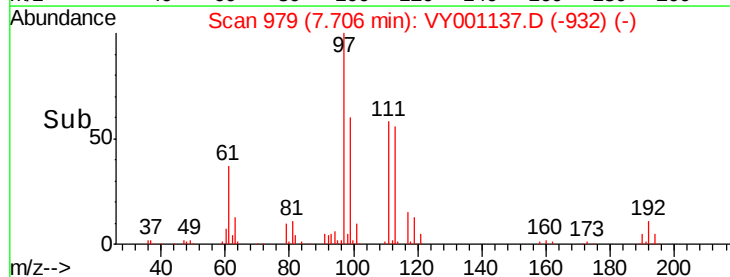
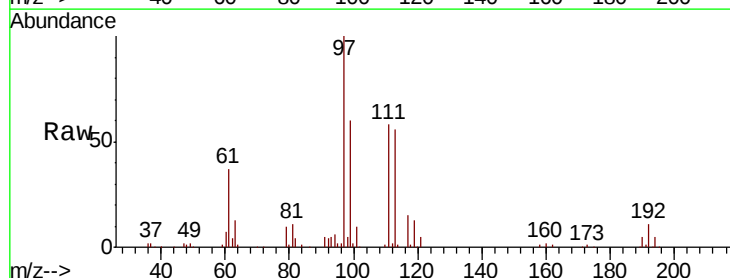
RT: 7.71 min Scan# 979

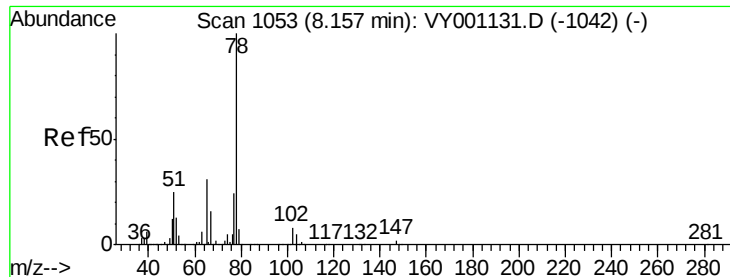
Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Tgt Ion:	97	Resp:	116983
Ion Ratio	Lower	Upper	
97	100		
99	63.2	51.0	76.6
61	36.2	29.2	43.8





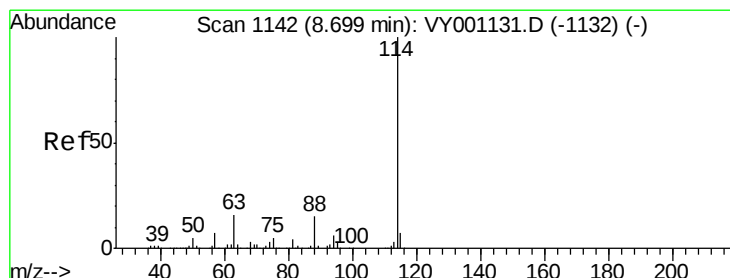
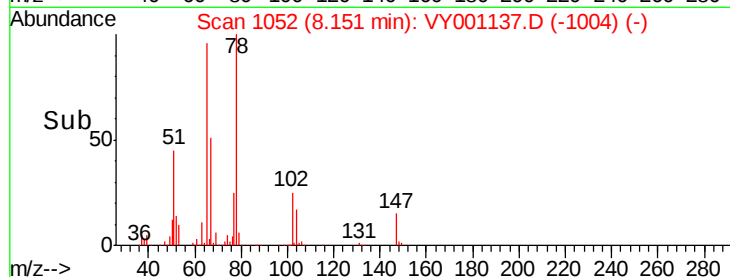
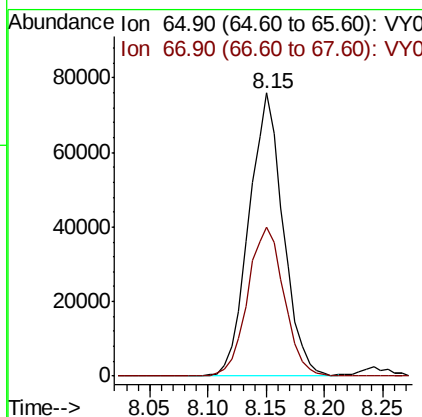
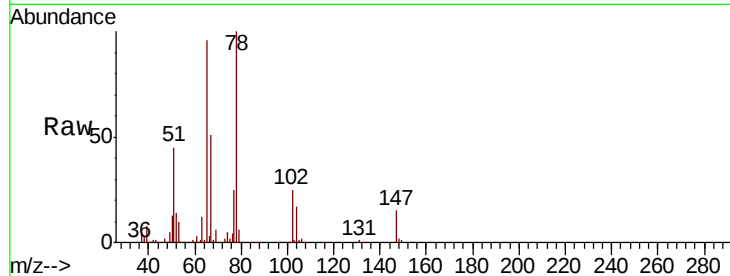
#33
 1,2-Dichloroethane-d4
 Concen: 51.381 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.0	0.0	110.6	

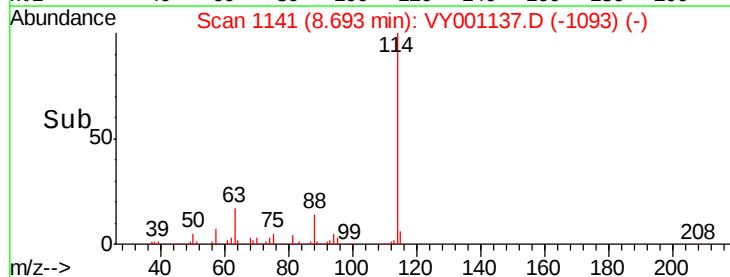
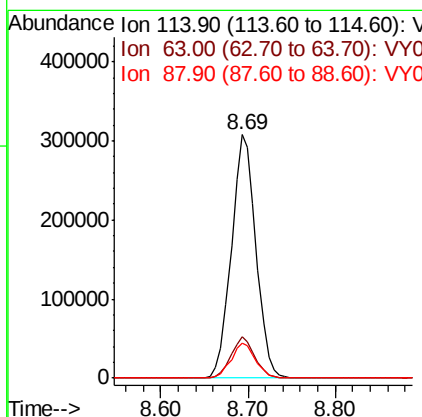
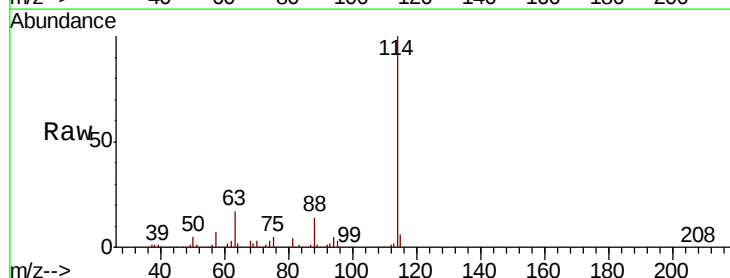
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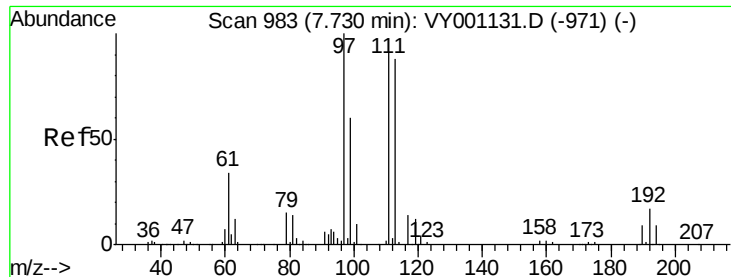
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.9	0.0	33.0	
88	14.3	0.0	30.0	





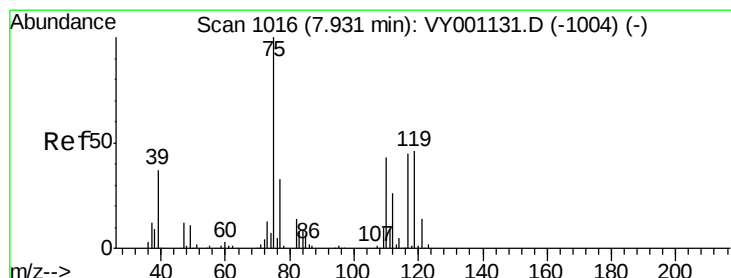
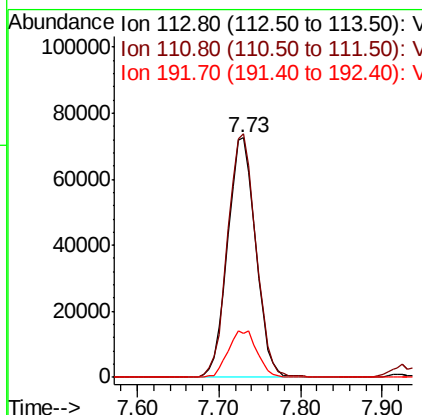
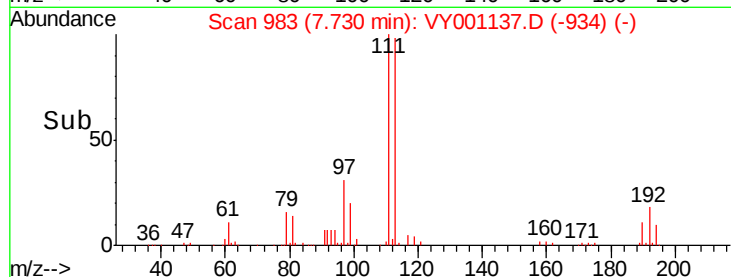
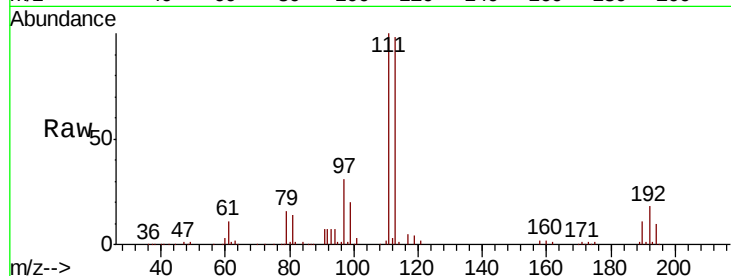
#35
 Dibromofluoromethane
 Concen: 50.505 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	171798		
111	102.2	81.0	121.4	
192	20.2	16.4	24.6	

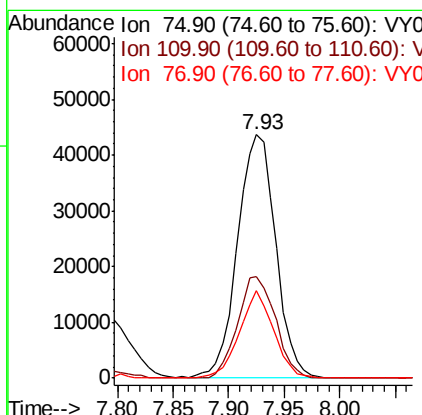
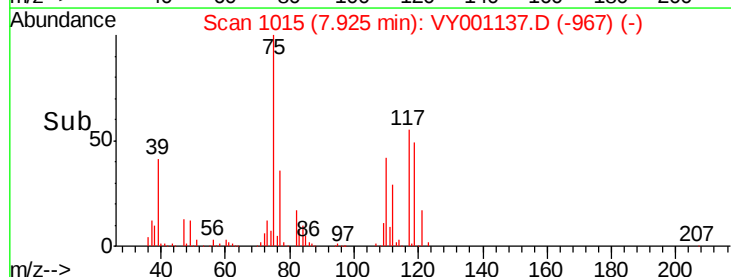
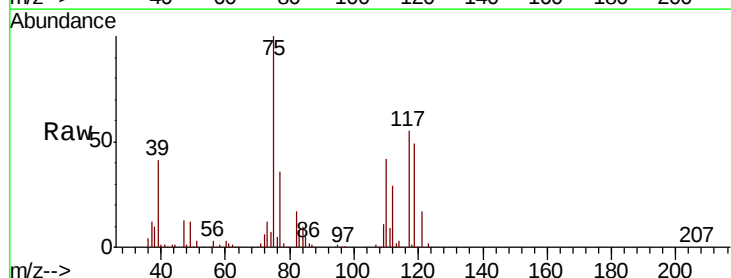
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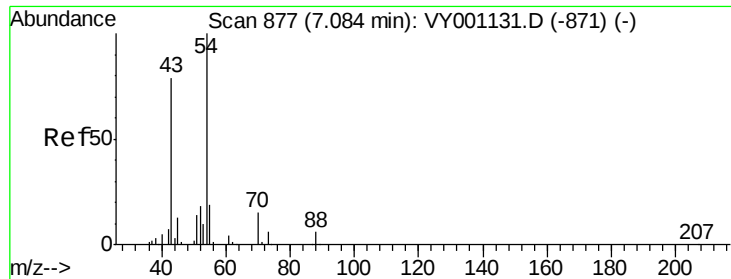
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#36
 1,1-Dichloropropene
 Concen: 19.958 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	104156		
110	41.2	20.6	61.8	
77	32.2	25.7	38.5	





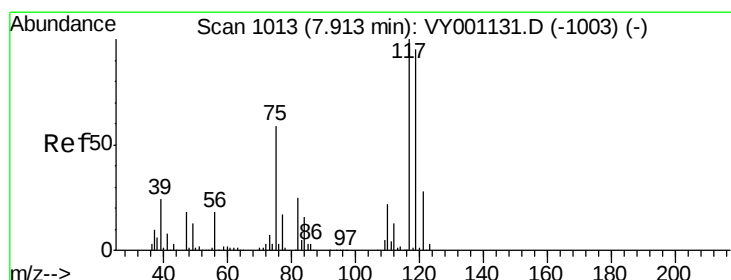
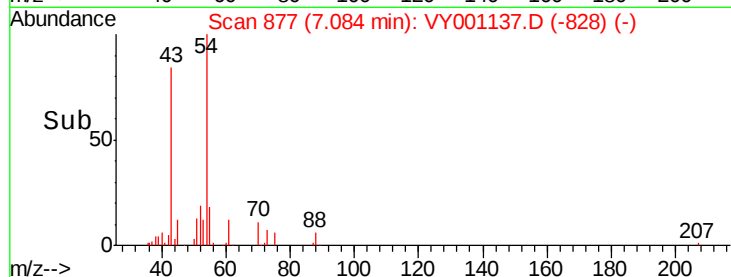
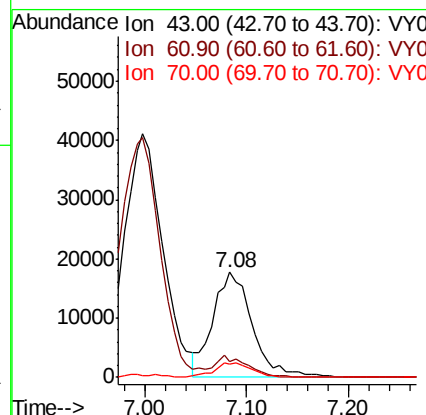
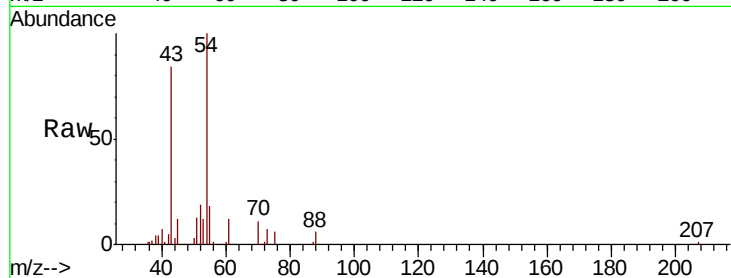
#37
Ethyl Acetate
Concen: 21.995 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	43	Resp	47747
Ion Ratio	100	Lower	Upper
61	17.2	14.4	21.6
70	13.3	11.5	17.3

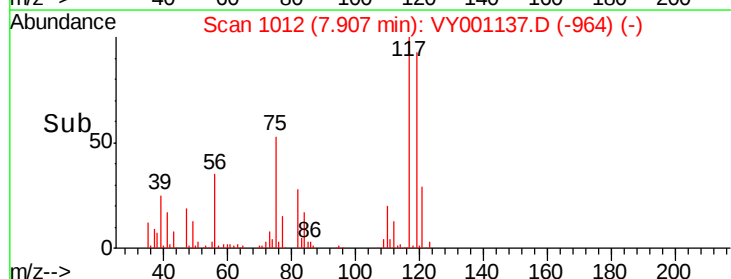
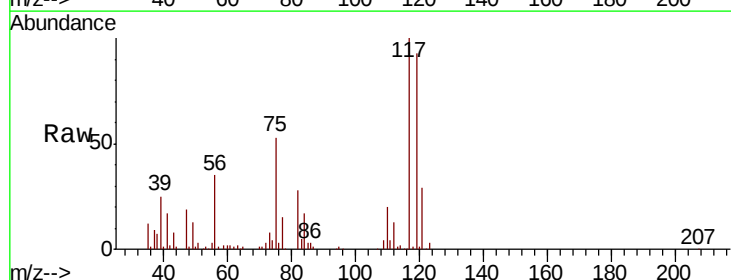
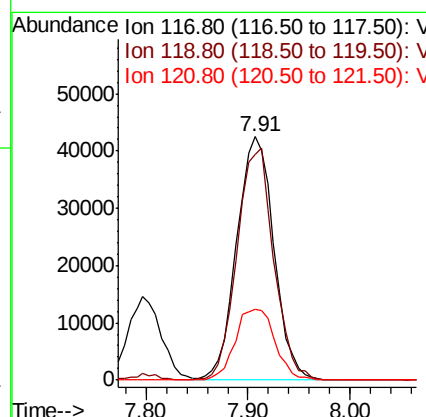
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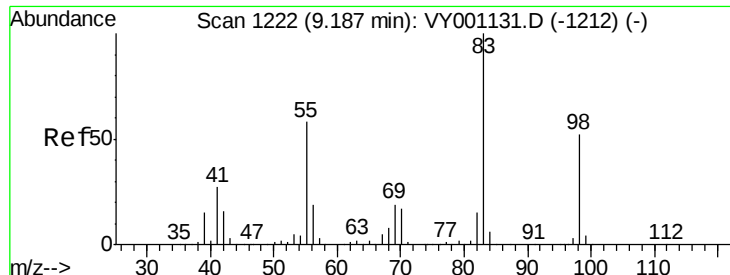
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#38
Carbon Tetrachloride
Concen: 19.832 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	117	Resp	107545
Ion Ratio	100	Lower	Upper
119	92.8	75.8	113.6
121	28.9	22.5	33.7





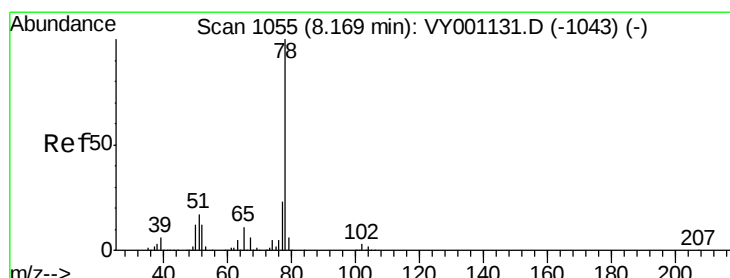
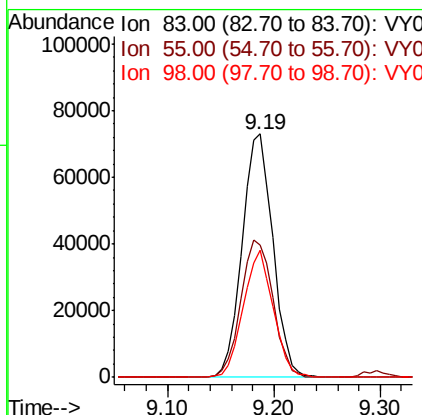
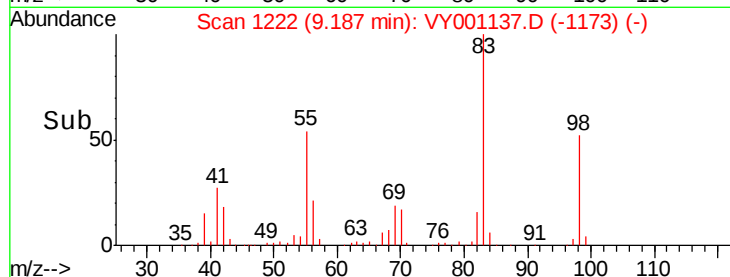
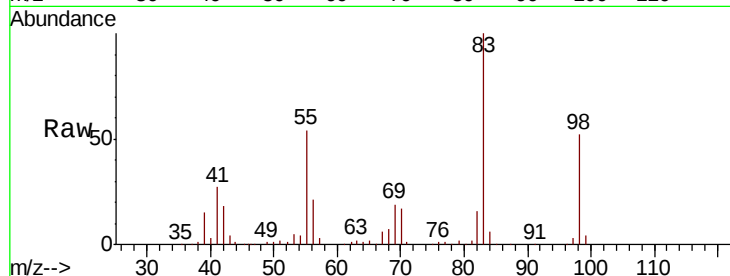
#39
Methvlcvclohexane
Concen: 20.507 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	83	Resp	148278
Ion Ratio	Lower	Upper	
83	100		
55	54.4	46.4	69.6
98	52.1	41.5	62.3

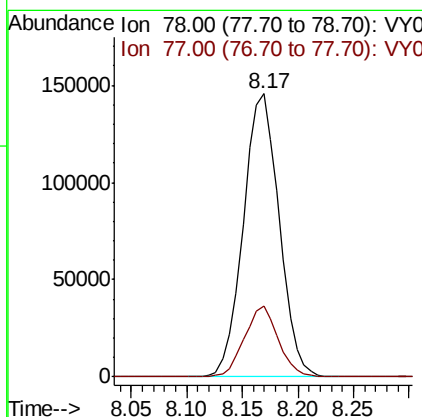
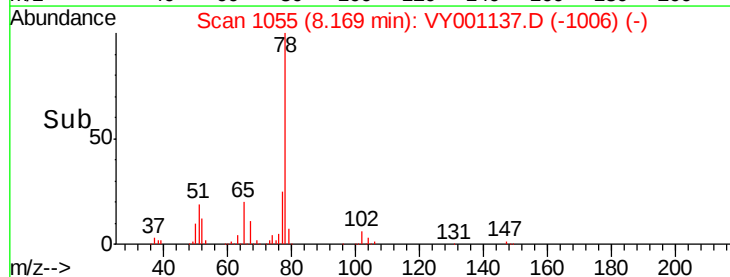
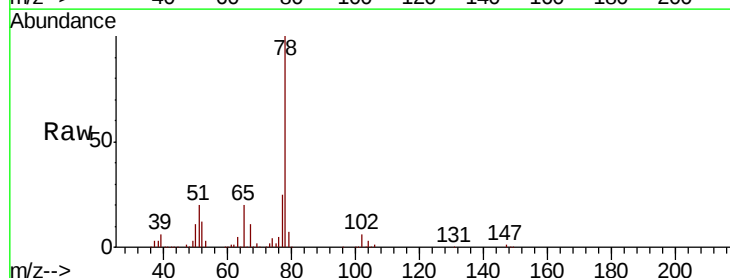
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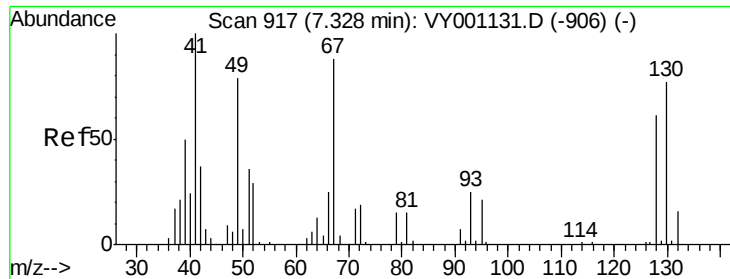
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#40
Benzene
Concen: 20.338 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	78	Resp	326779
Ion Ratio	Lower	Upper	
78	100		
77	24.9	18.8	28.2





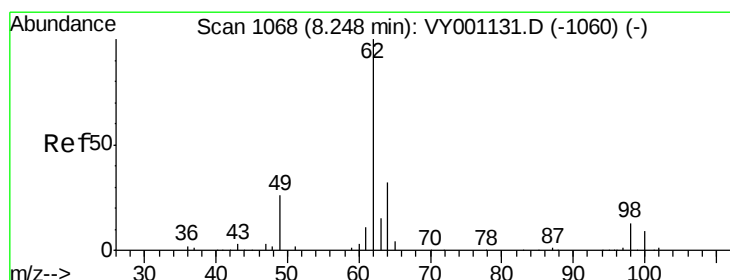
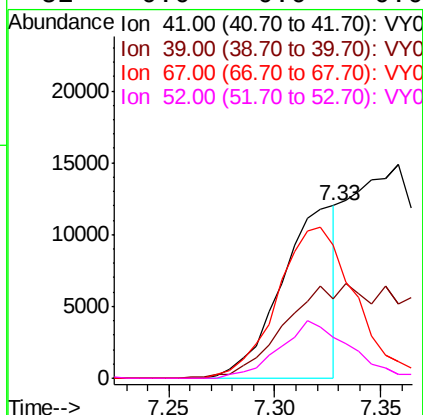
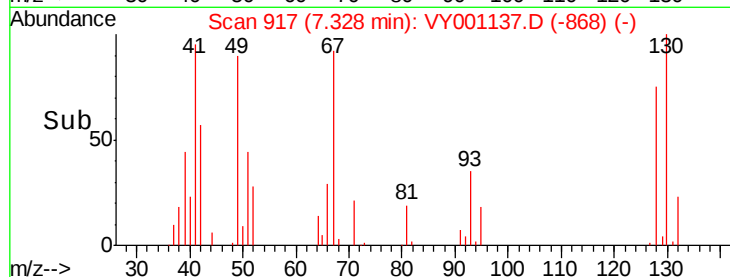
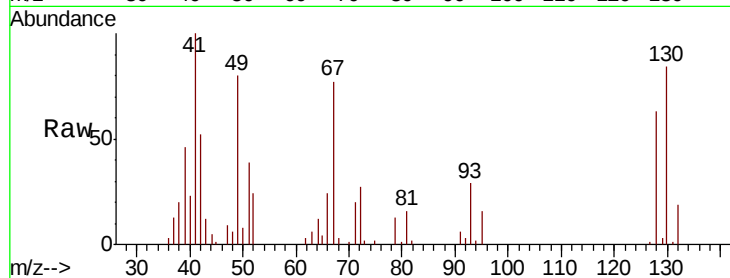
#41
Methacrylonitrile
Concen: 22.399 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot 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

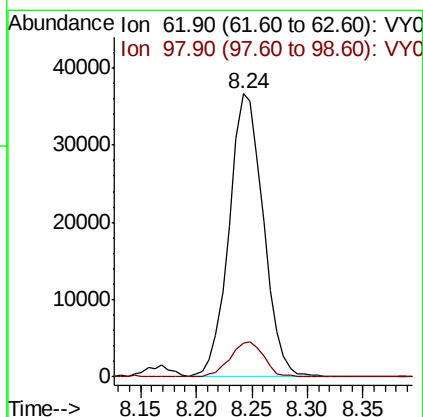
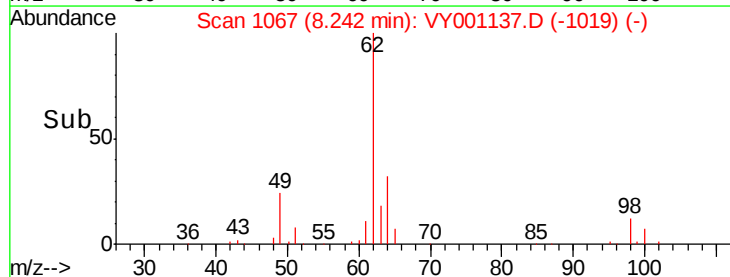
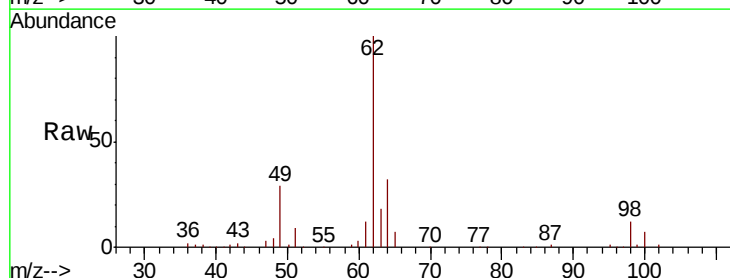
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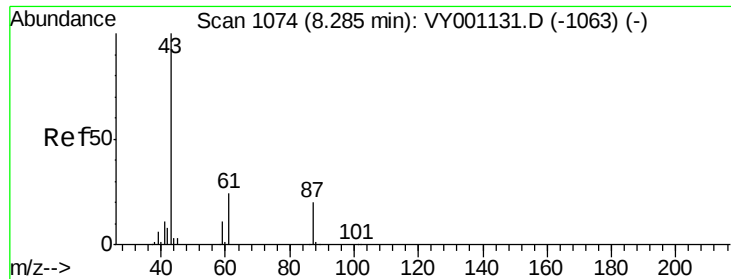
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#42
1,2-Dichloroethane
Concen: 20.437 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	24.4





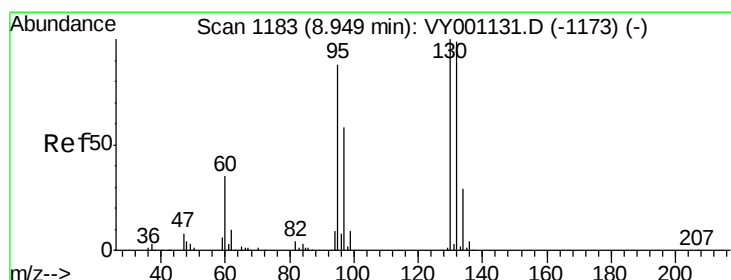
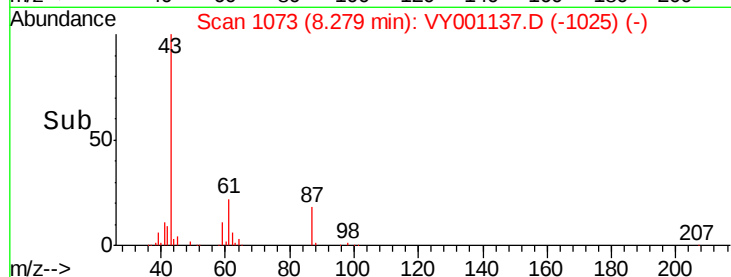
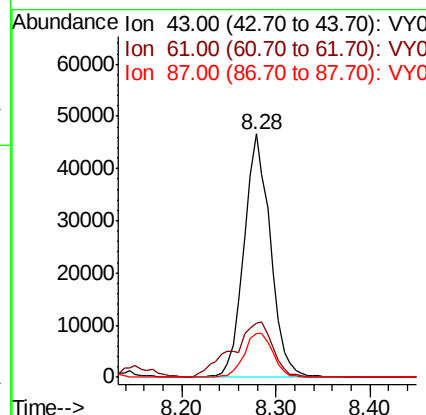
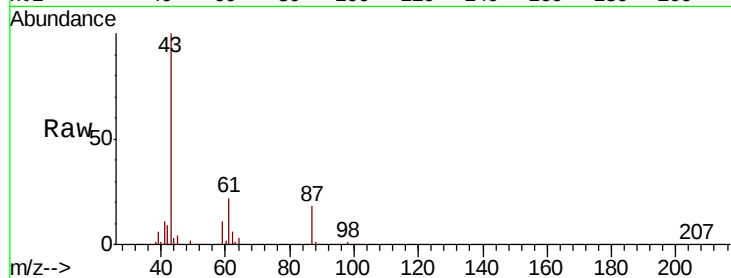
#43
Isopropyl Acetate
Concen: 21.479 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.6	29.1	43.7
87	19.5	15.4	23.2

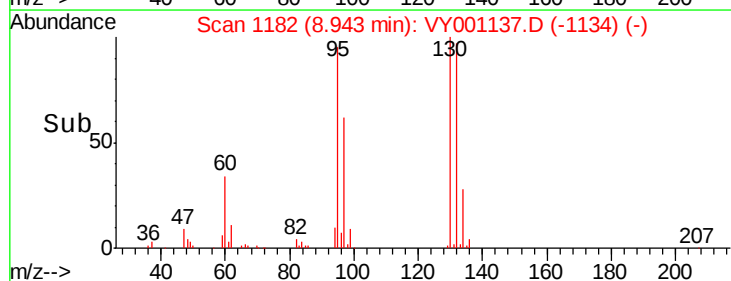
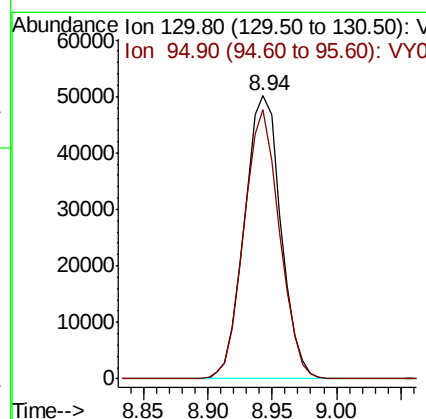
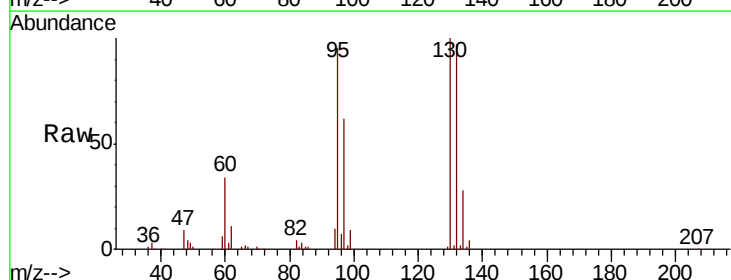
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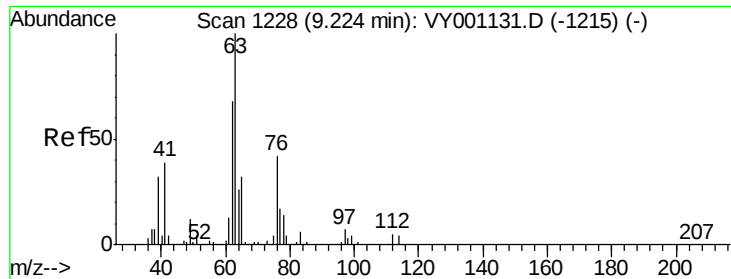
apatel
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#44
Trichloroethene
Concen: 20.407 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	176.8





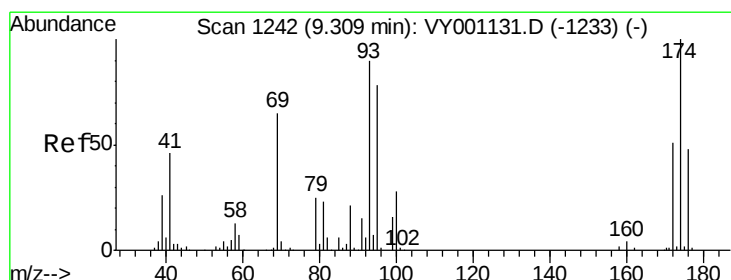
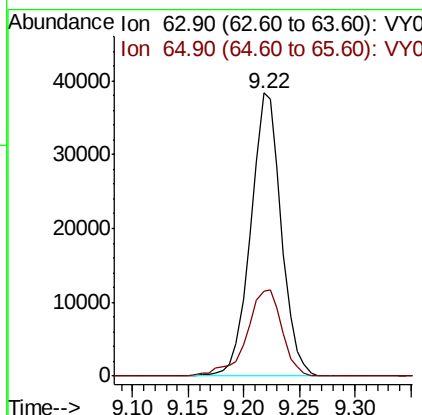
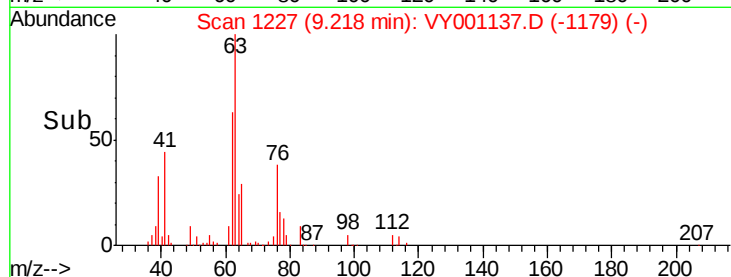
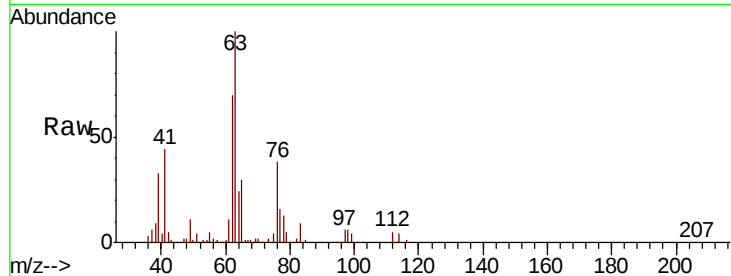
#45
 1,2-Dichloropropane
 Concen: 20.541 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion: 63 Resp: 73302
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.6 38.4

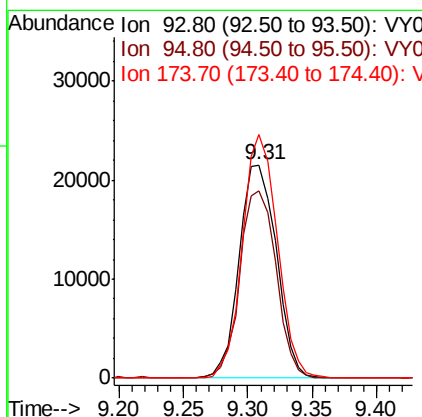
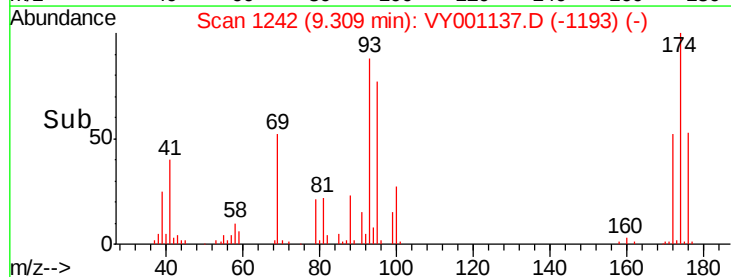
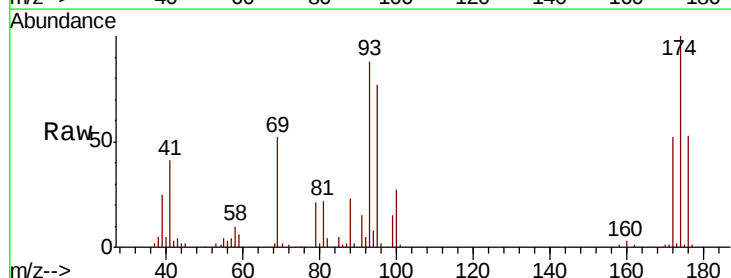
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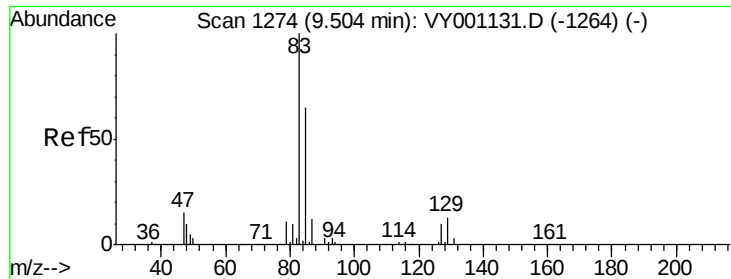
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#46
 Dibromomethane
 Concen: 20.550 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion: 93 Resp: 43194
 Ion Ratio Lower Upper
 93 100
 95 85.2 68.7 103.1
 174 107.1 88.0 132.0





#47

Bromodichloromethane

Concen: 20.757 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

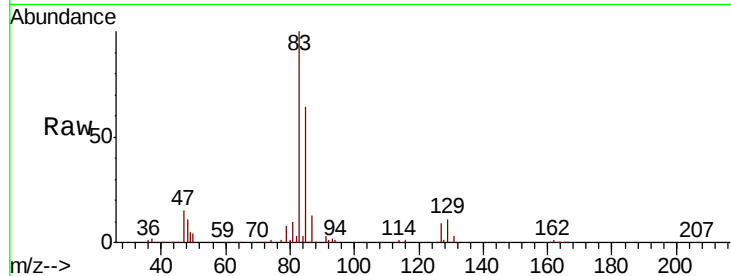
ClientSampleId :

VY0102SBSD01

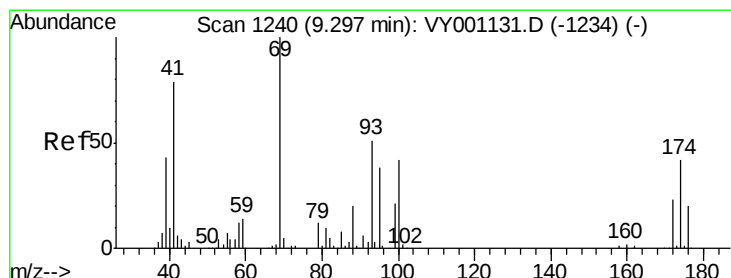
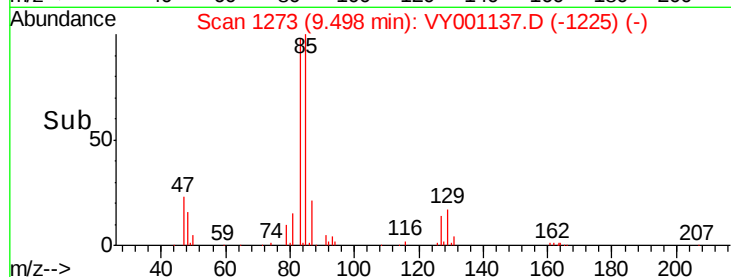
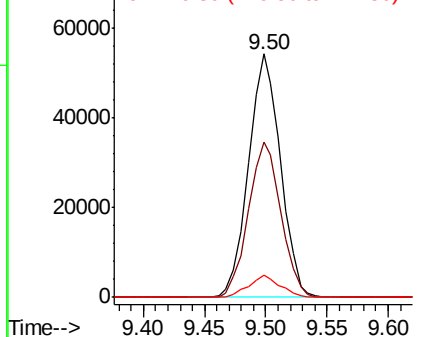
Tot Ion:	83	Resp:	98165
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.7	77.5
127	9.2	7.6	11.4

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 20.704 ug/l

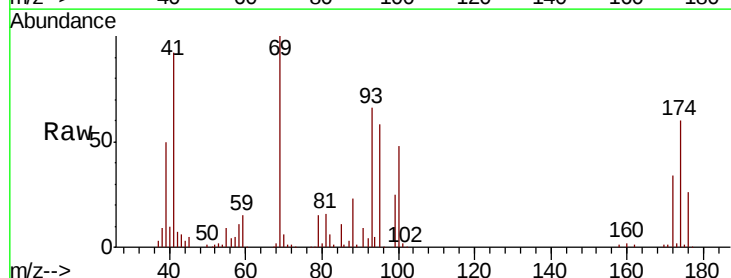
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

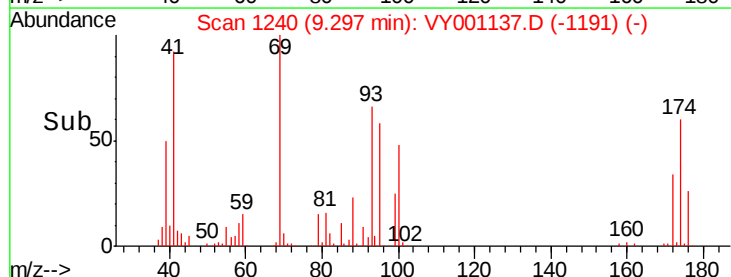
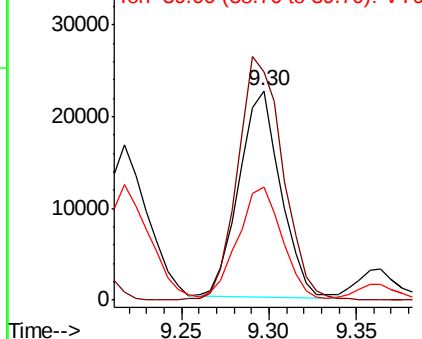
Lab File: VY001137.D

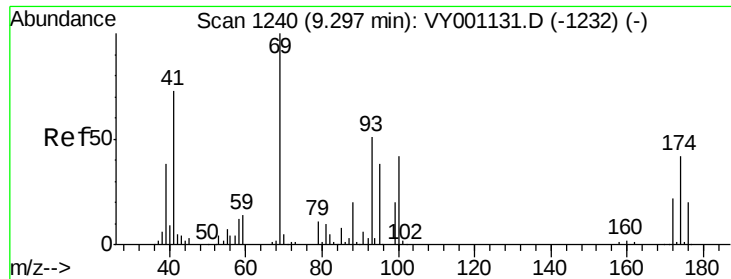
Acq: 02 Jan 2020 16:25

Tgt Ion:	41	Resp:	37620
Ion Ratio	Lower	Upper	
41	100		
69	126.5	100.3	150.5
39	58.4	47.6	71.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





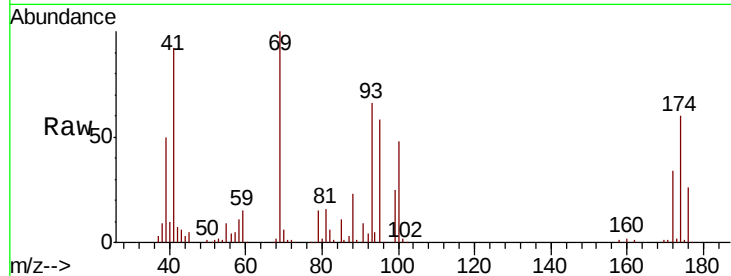
#49
 1,4-Dioxane
 Concen: 405.402 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	88	Resp	12817
Ion	Ratio	Lower	Upper
88	100		
43	22.7	19.0	28.4
58	66.1	48.2	72.4

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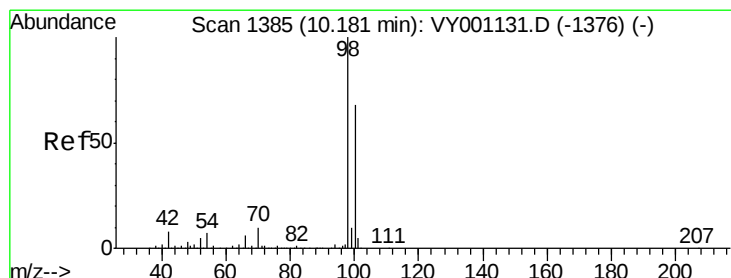
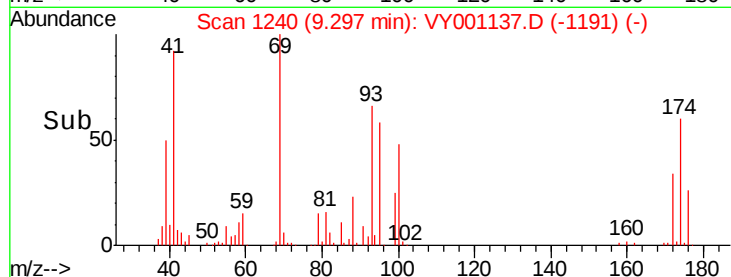
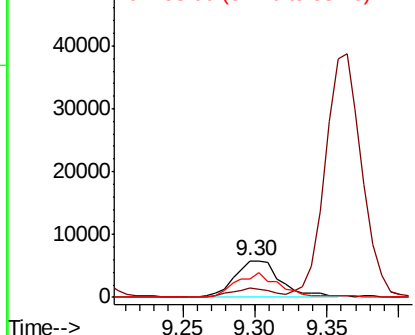


Abundance

Ion 88.00 (87.70 to 88.70): VY0

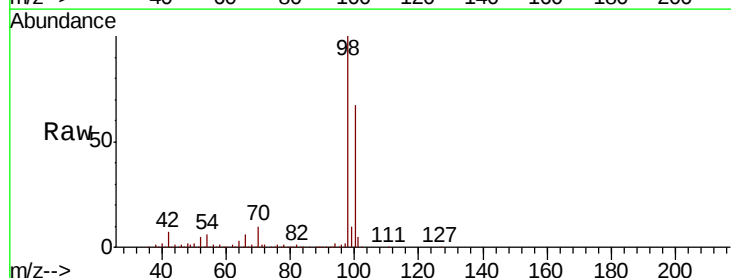
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
 Toluene-d8
 Concen: 55.811 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

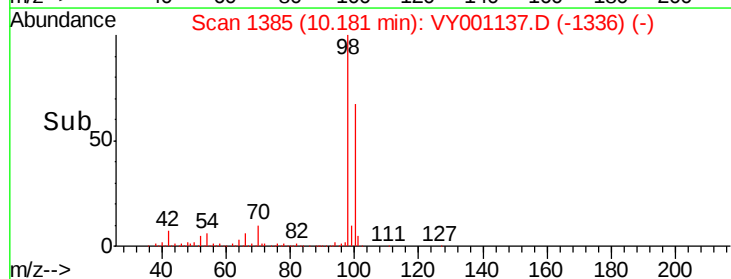
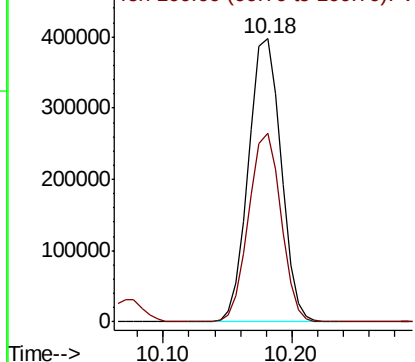
Tgt Ion	98	Resp	694081
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.2	79.8

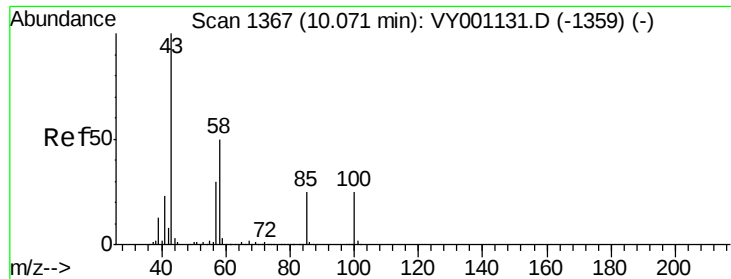


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 115.628 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 43 Resp: 232583

Ion Ratio Lower Upper

43 100

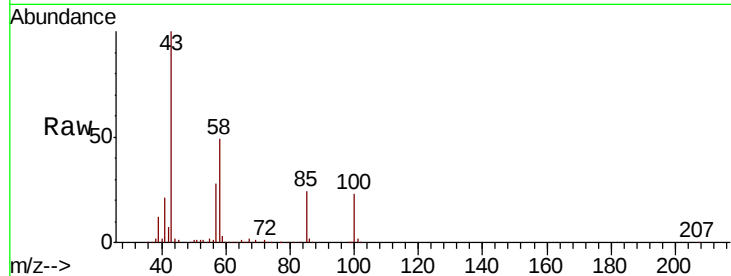
58 48.7 39.1 58.7

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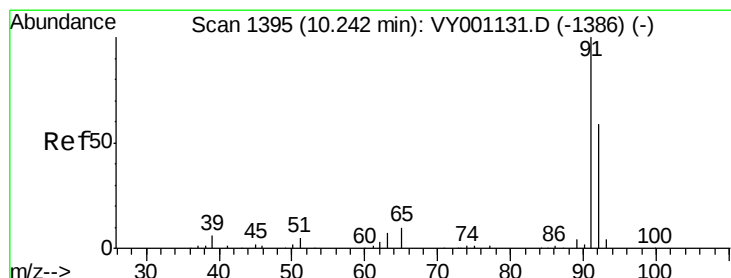
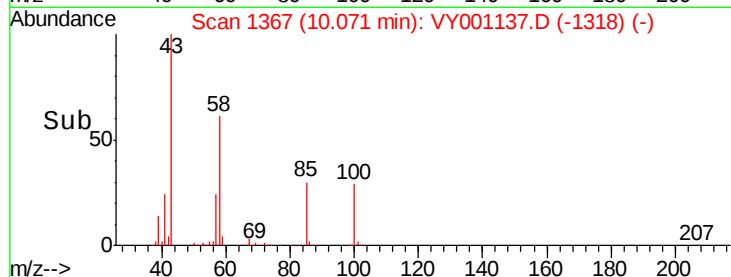
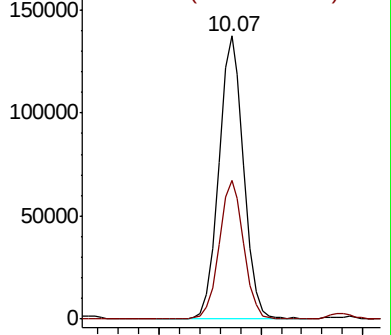
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.480 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001137.D

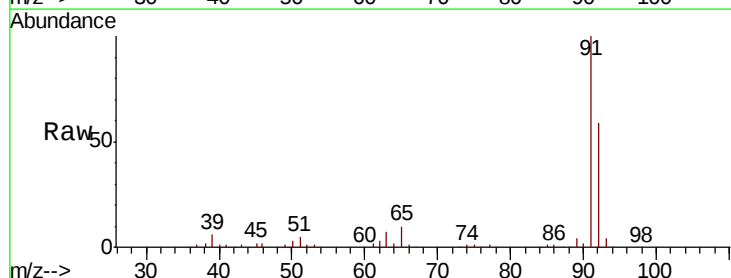
Acq: 02 Jan 2020 16:25

Tgt Ion: 92 Resp: 210193

Ion Ratio Lower Upper

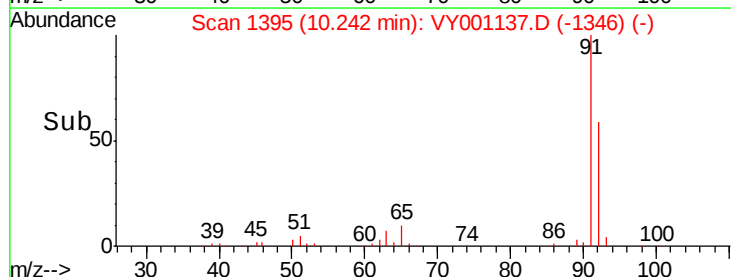
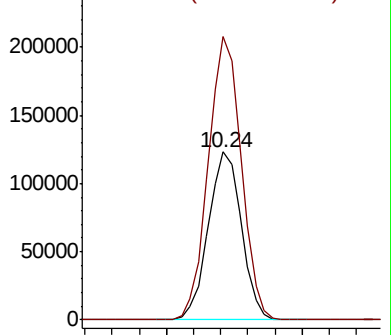
92 100

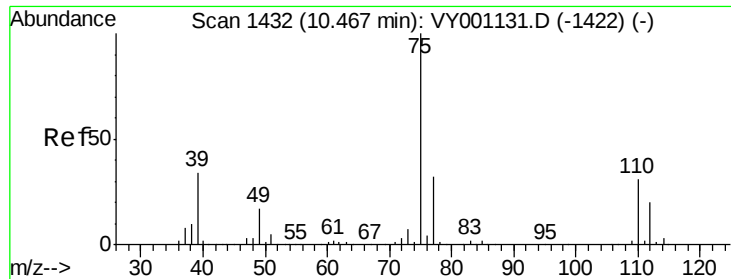
91 168.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





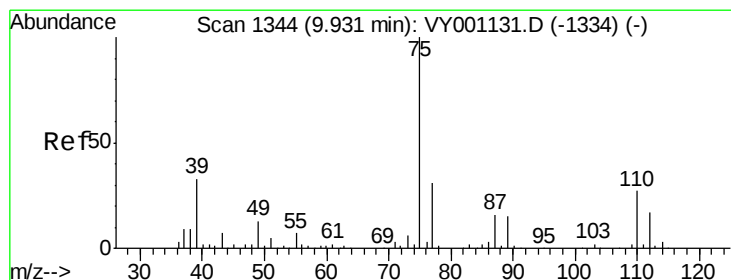
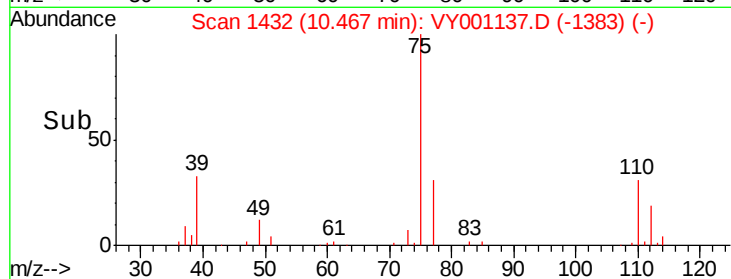
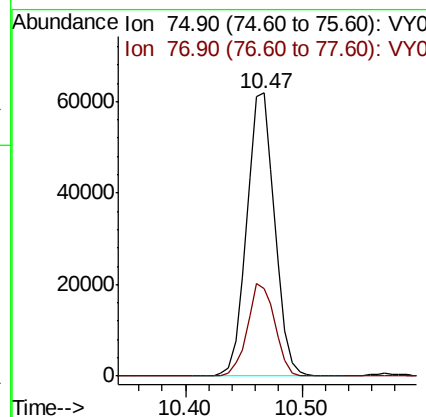
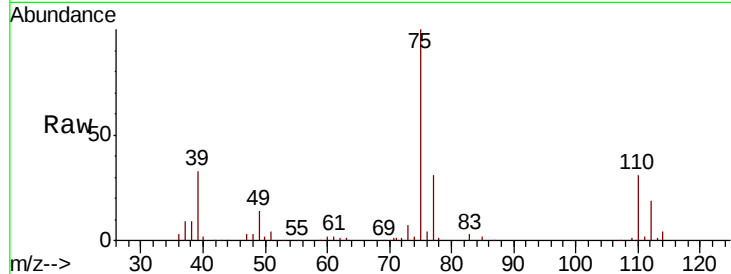
#53
t-1,3-Dichloropropene
Concen: 20.934 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion: 75 Resp: 103414
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

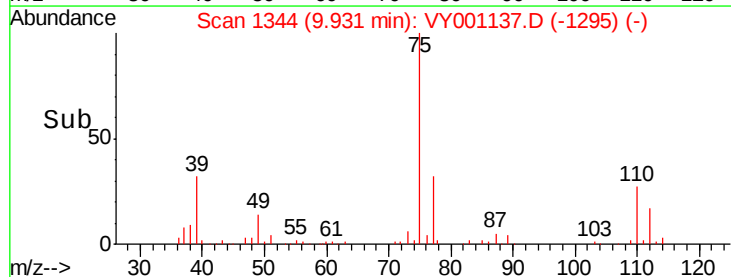
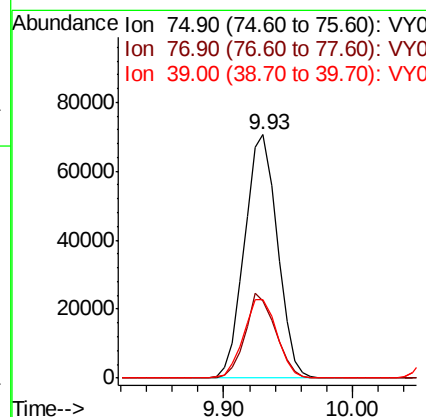
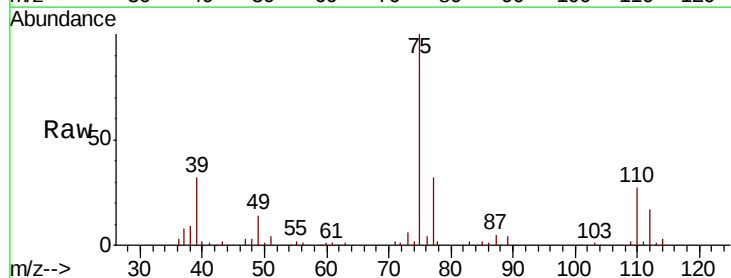
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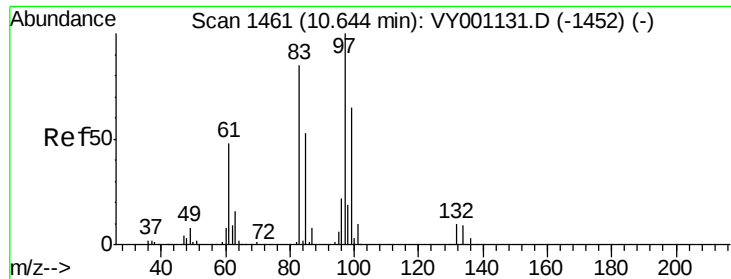
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#54
cis-1,3-Dichloropropene
Concen: 21.422 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion: 75 Resp: 124320
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 32.5 26.2 39.4





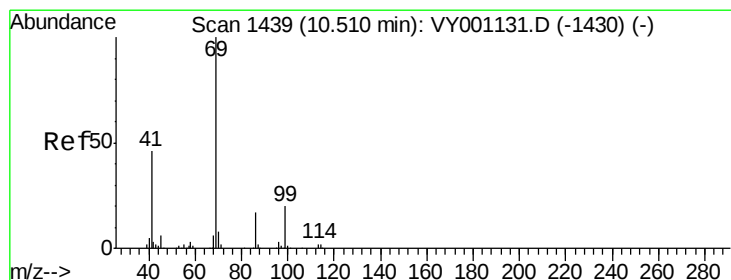
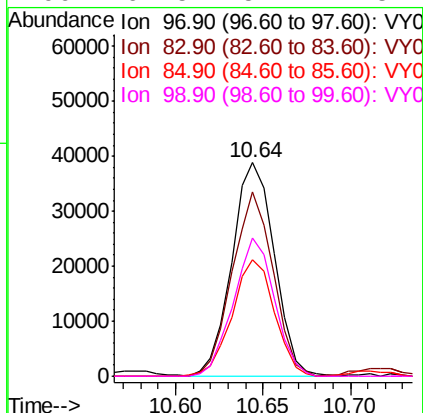
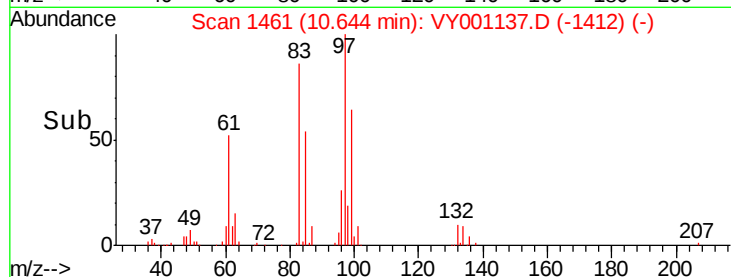
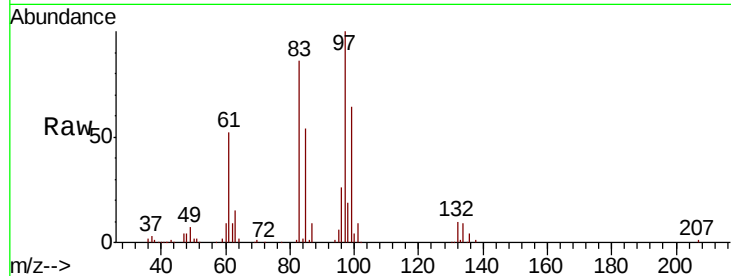
#55
 1,1,2-Trichloroethane
 Concen: 21.600 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.7	101.5
85	53.9	42.7	64.1
99	64.5	52.2	78.2

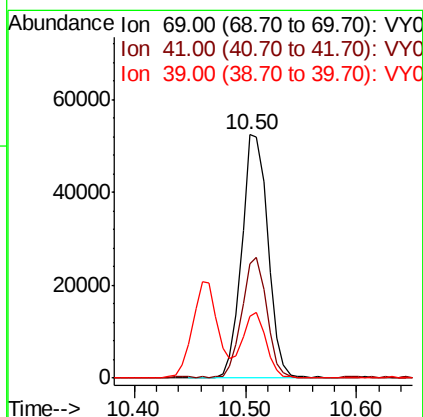
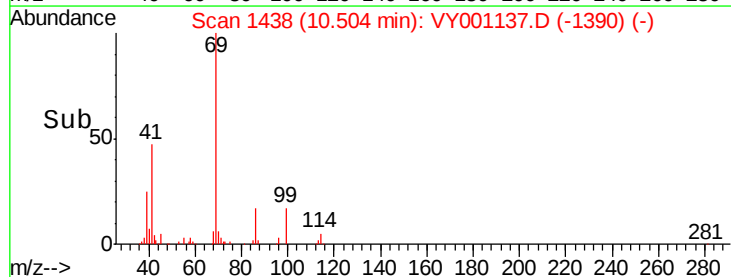
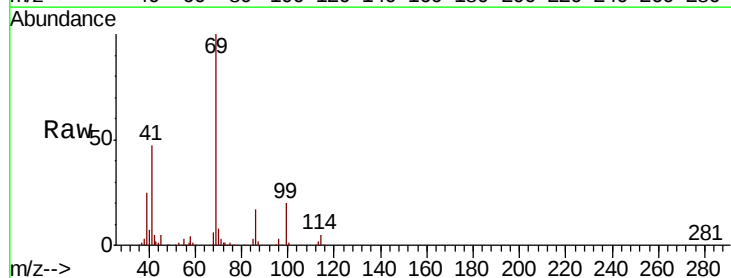
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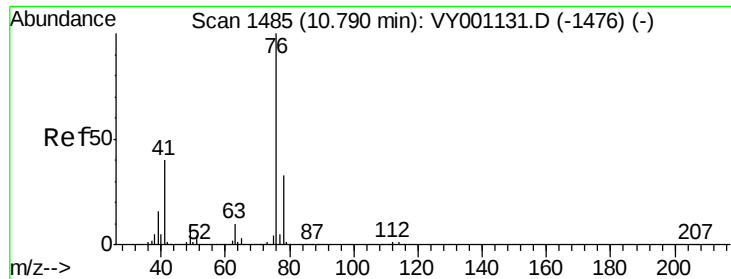
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#56
 Ethyl methacrylate
 Concen: 21.988 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	47.4	37.5	56.3
39	24.9	19.0	28.6





#57

1,3-Dichloropropane

Concen: 22.957 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 76 Resp: 108971

Ion Ratio Lower Upper

76 100

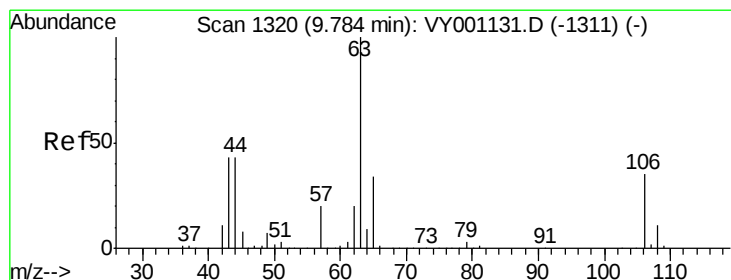
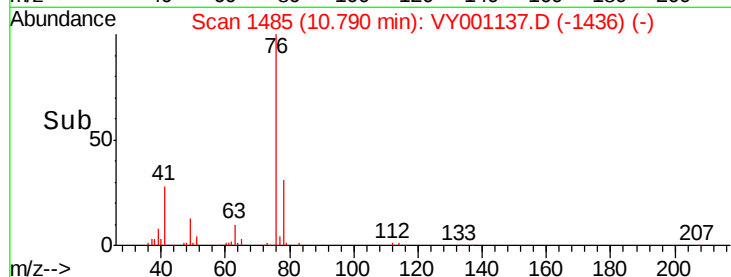
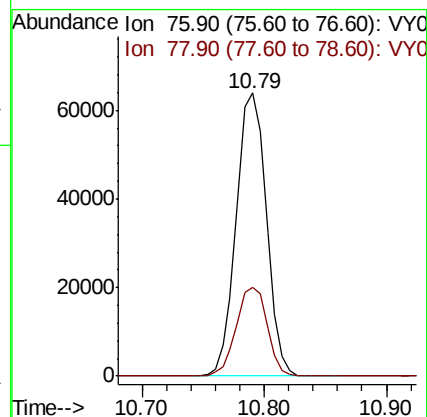
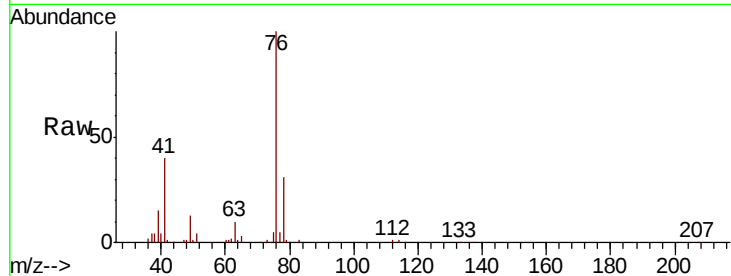
78 32.2 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 113.504 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001137.D

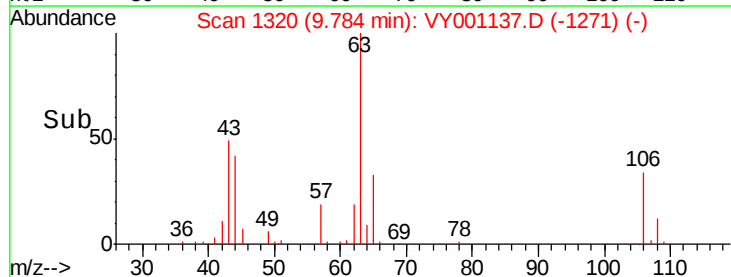
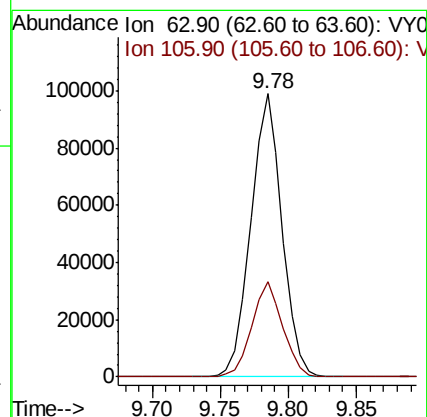
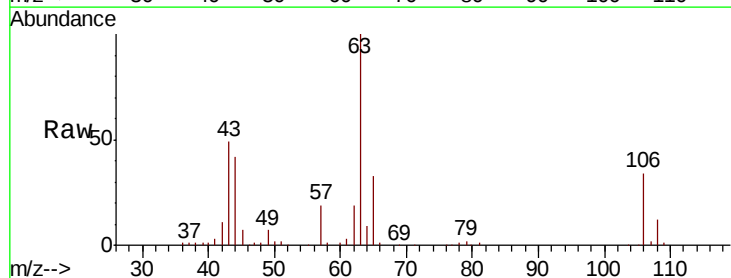
Acq: 02 Jan 2020 16:25

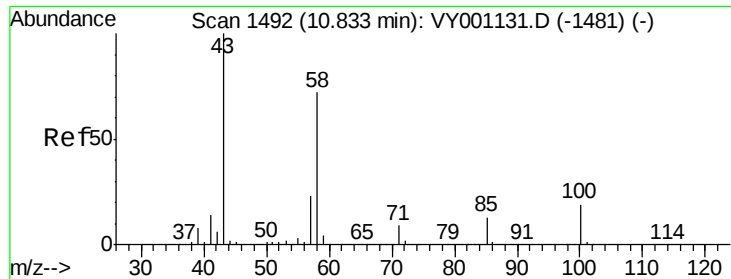
Tgt Ion: 63 Resp: 158417

Ion Ratio Lower Upper

63 100

106 33.1 28.0 42.0





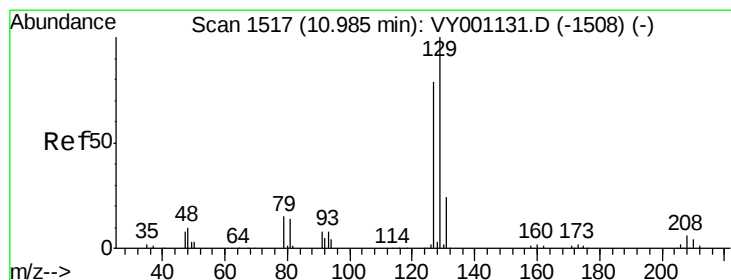
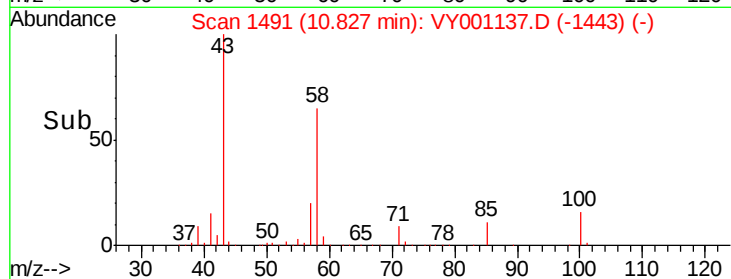
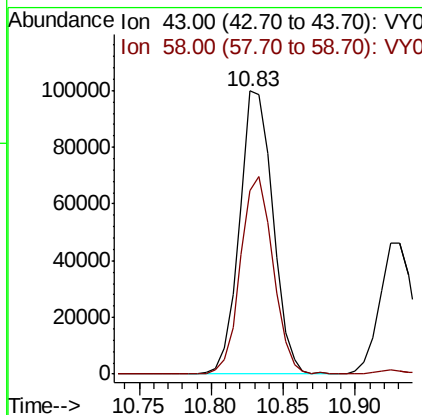
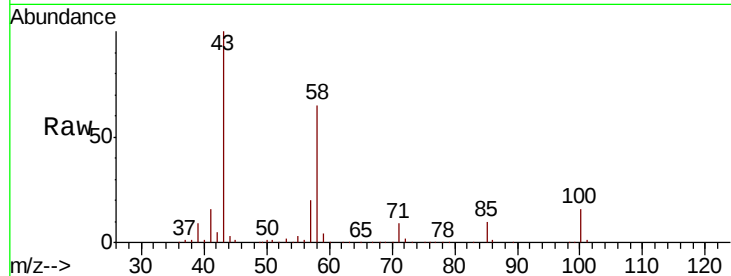
#59
2-Hexanone
Concen: 118.214 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion: 43 Resp: 160650
Ion Ratio Lower Upper
43 100
58 68.2 34.4 103.3

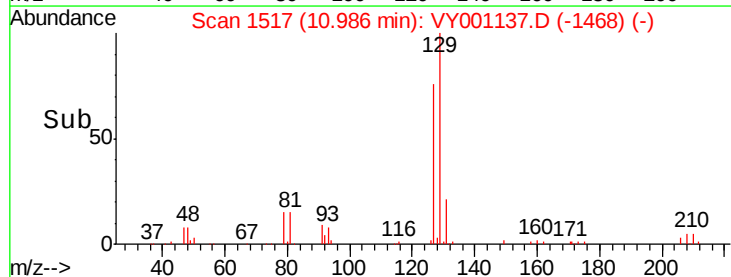
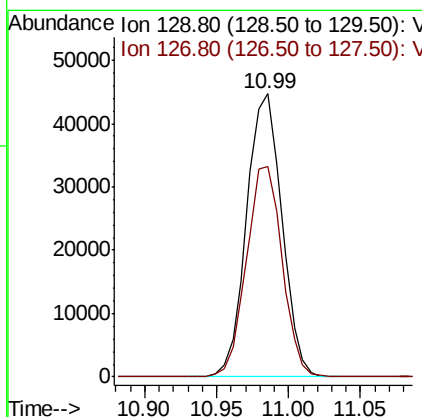
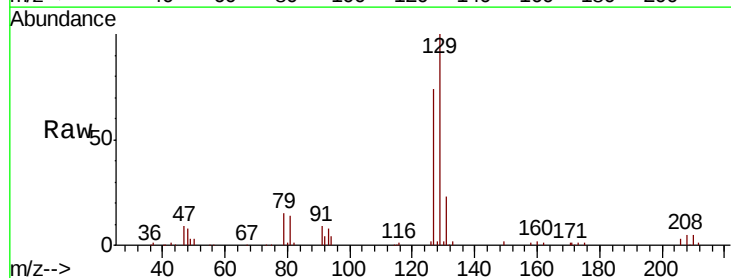
Manual Integrations
APPROVED

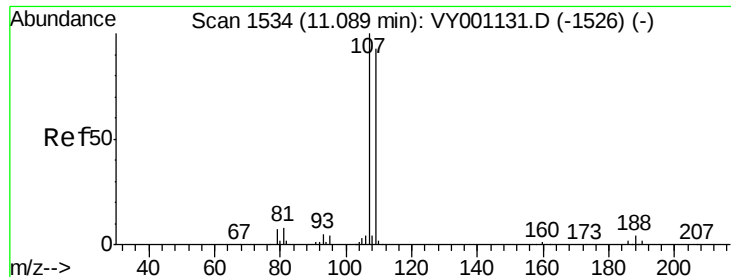
apatel
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#60
Dibromochloromethane
Concen: 21.718 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion:129 Resp: 75562
Ion Ratio Lower Upper
129 100
127 75.2 38.5 115.5





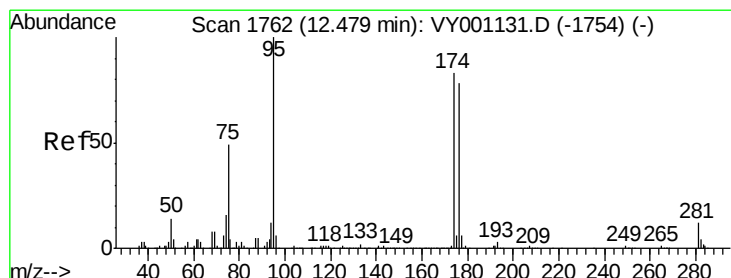
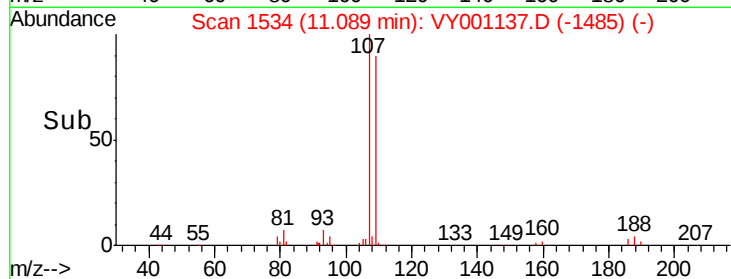
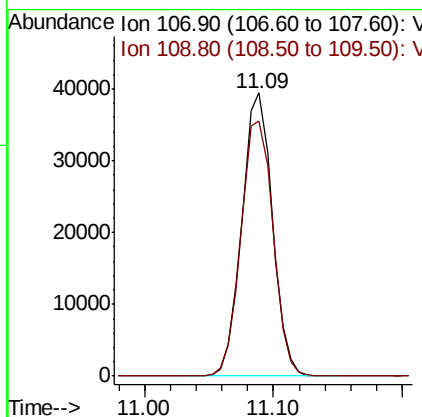
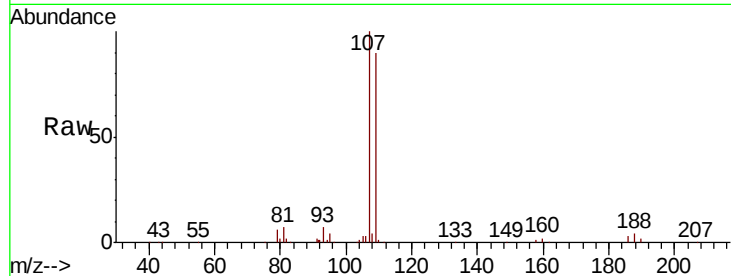
#61
 1,2-Dibromoethane
 Concen: 21.733 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion: 107 Resp: 64209
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.4 113.2

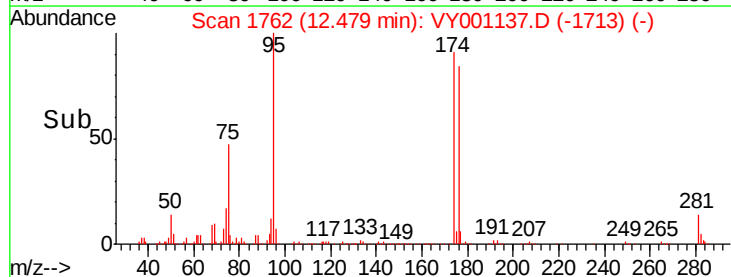
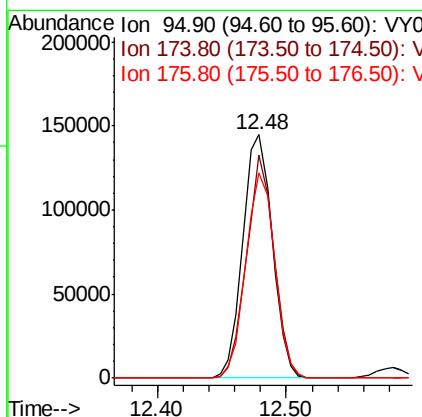
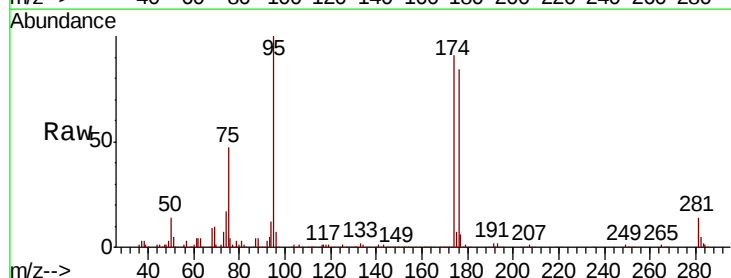
Manual Integrations
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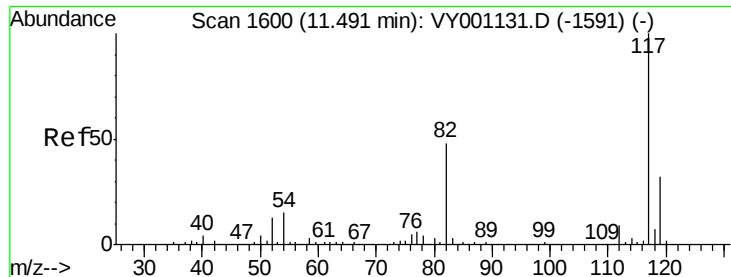
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.483 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion: 95 Resp: 229306
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 171.8
 176 82.5 0.0 163.6





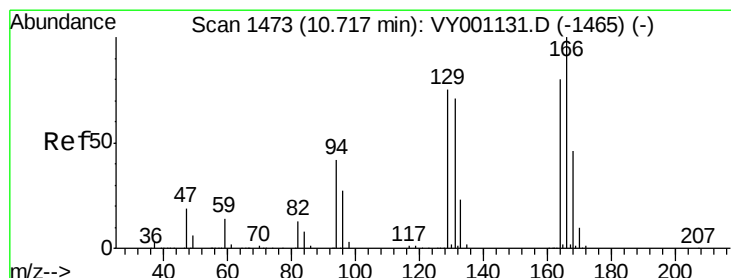
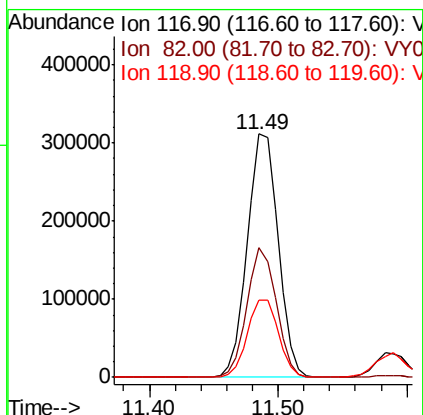
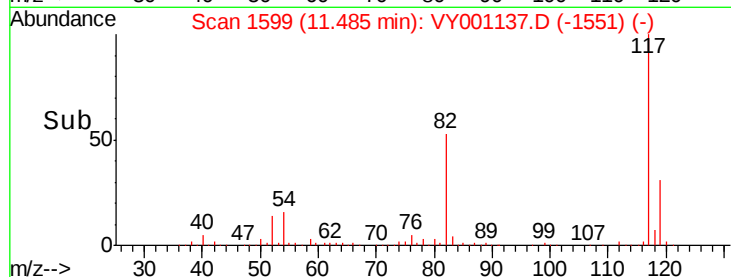
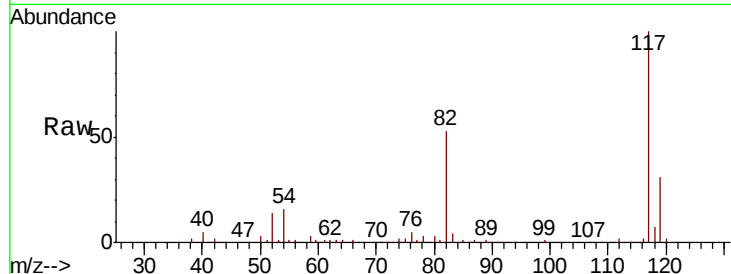
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	38.5	57.7
119	31.5	25.9	38.9

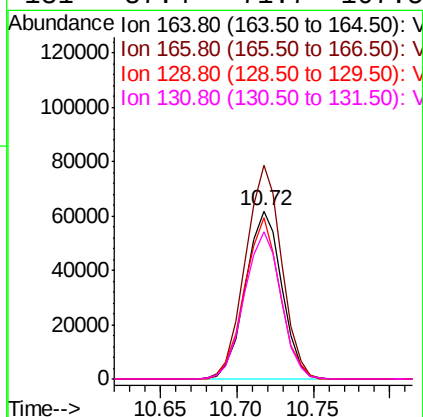
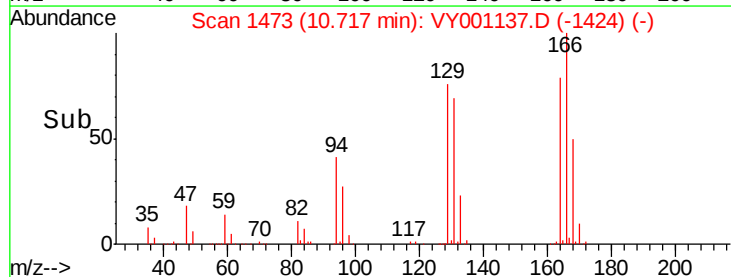
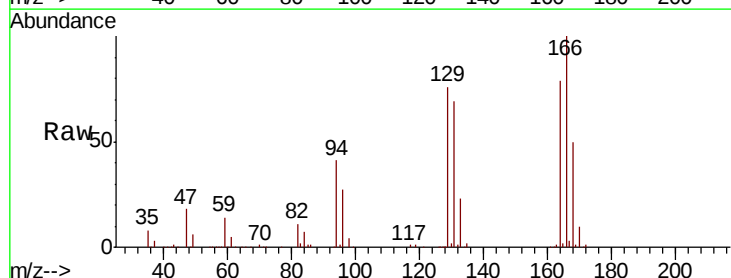
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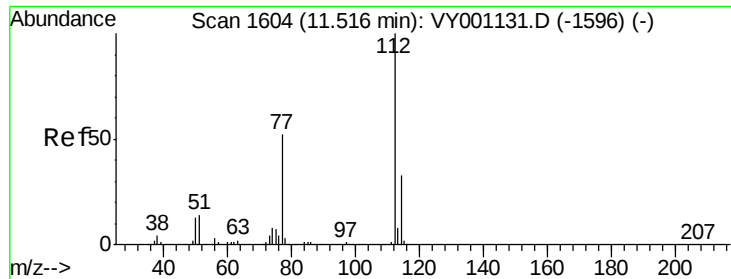
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#64
Tetrachloroethene
Concen: 21.058 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	100.6	151.0
129	96.4	75.0	112.4
131	87.4	71.7	107.5





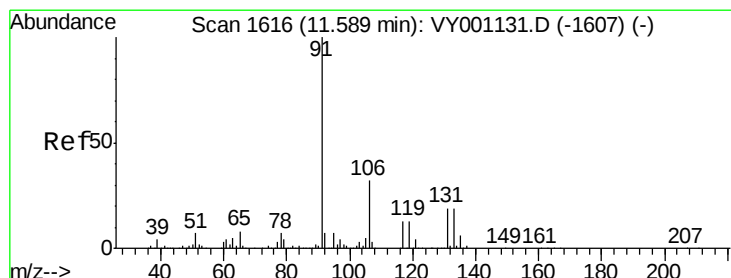
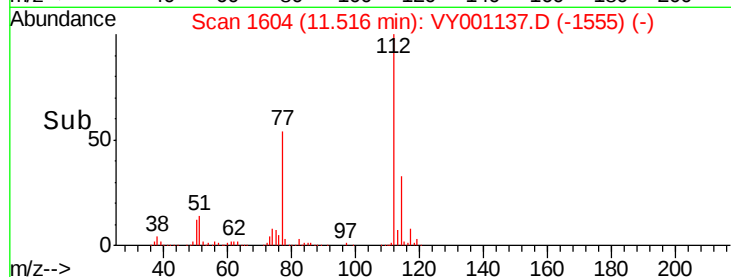
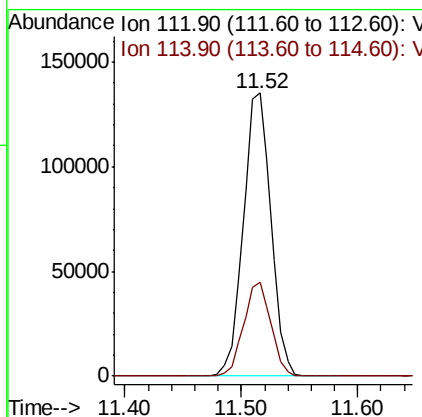
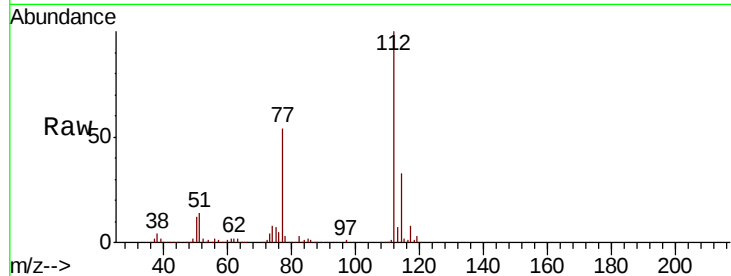
#65
Chlorobenzene
Concen: 20.394 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	26.5	39.7

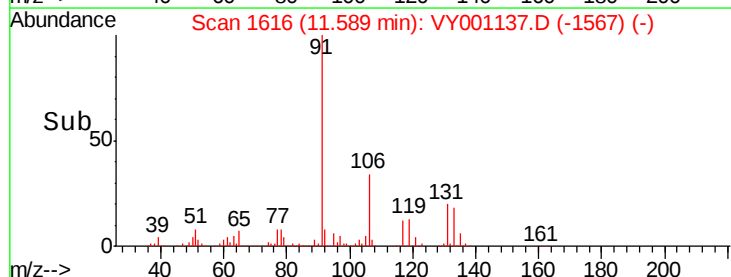
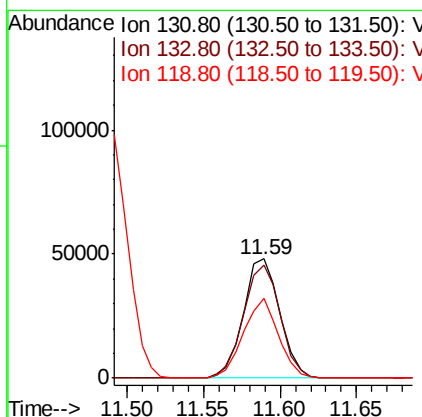
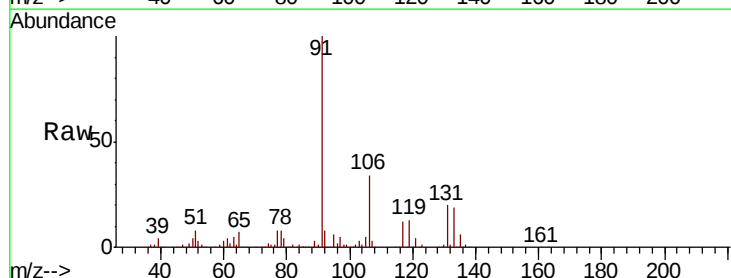
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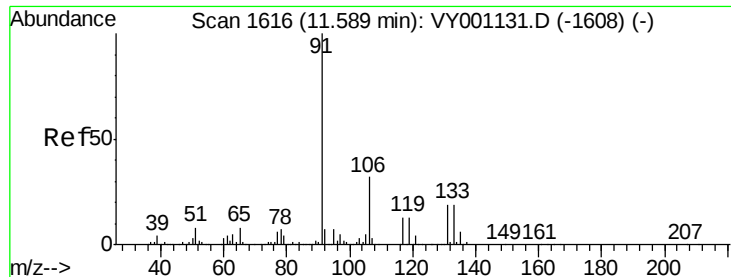
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.606 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.3	141.8
119	64.5	33.1	99.3





#67

Ethyl Benzene

Concen: 20.584 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 91 Resp: 392654

Ion Ratio Lower Upper

91 100

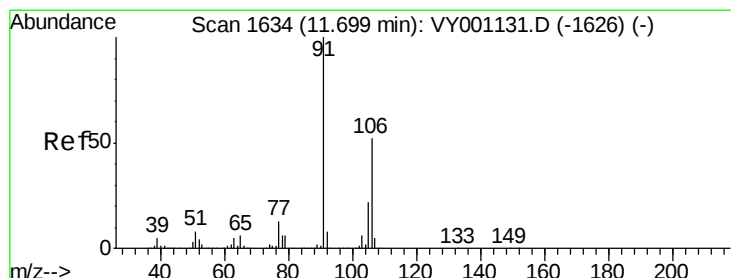
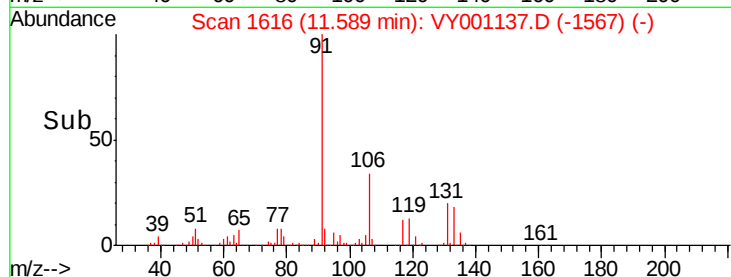
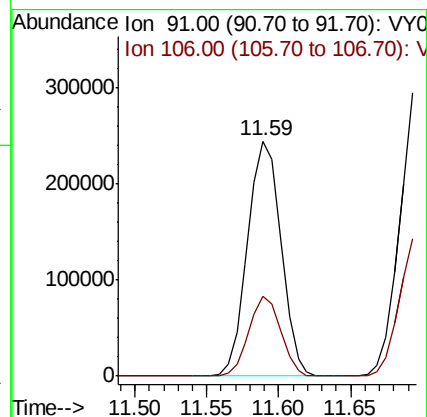
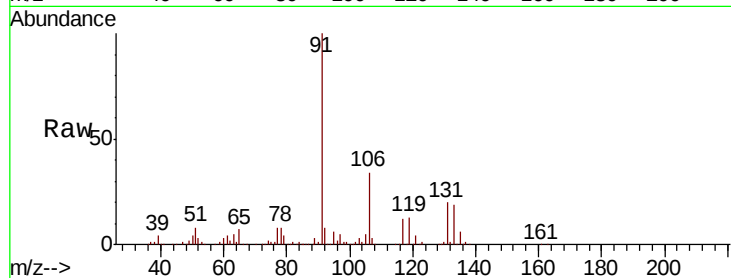
106 33.8 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.733 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001137.D

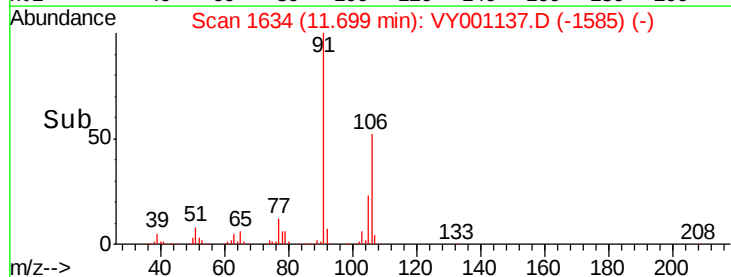
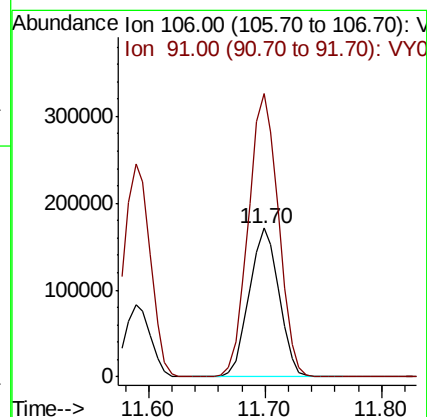
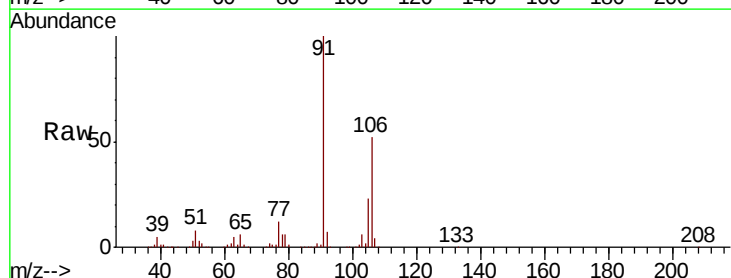
Acq: 02 Jan 2020 16:25

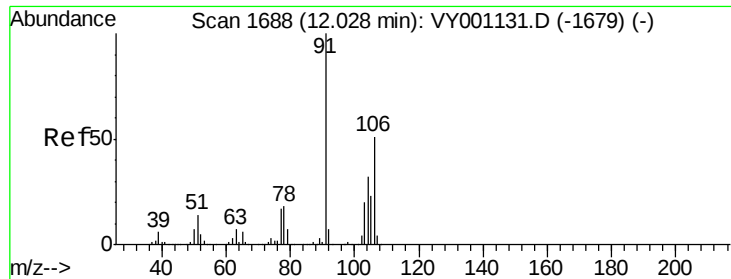
Tgt Ion: 106 Resp: 307227

Ion Ratio Lower Upper

106 100

91 192.0 154.3 231.5





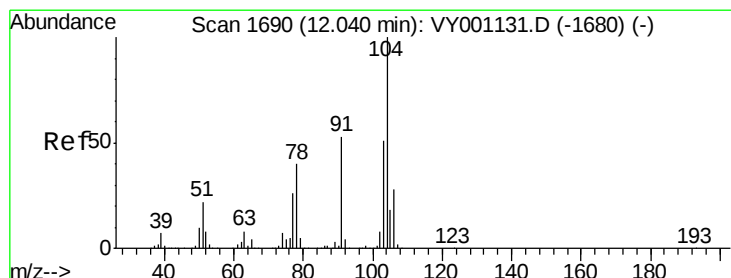
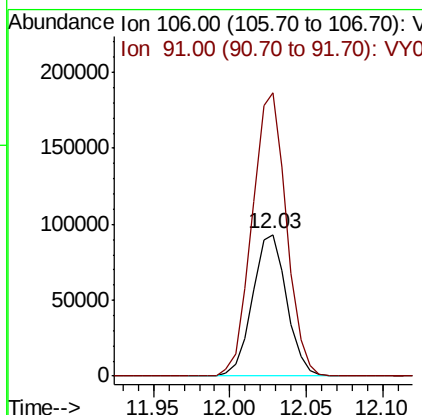
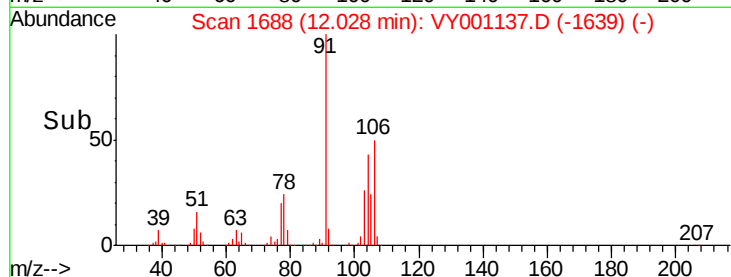
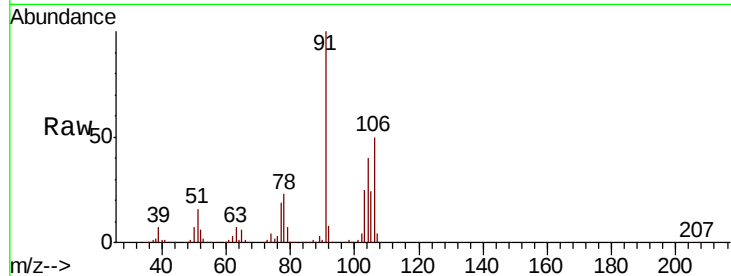
#69
o-Xylene
Concen: 20.188 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.1	100.8	302.4

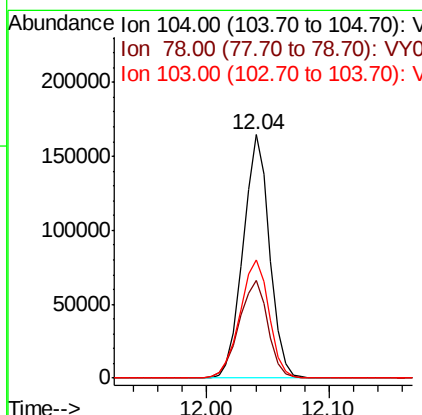
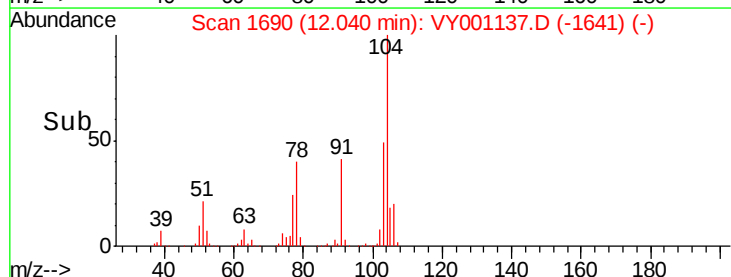
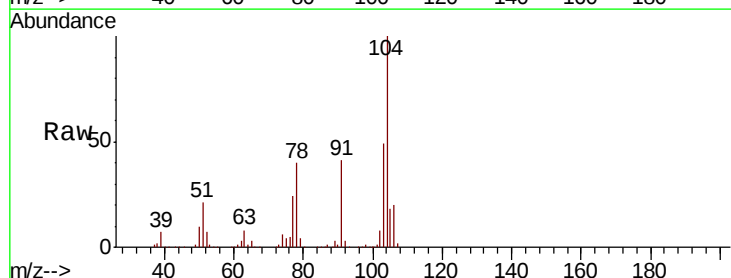
Manual Integrations
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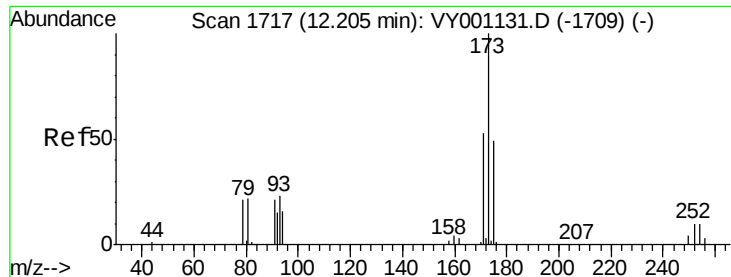
apatel
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#70
Styrene
Concen: 20.280 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.0	34.7	52.1
103	53.6	42.6	64.0





#71

Bromoform

Concen: 19.236 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:173 Resp: 43699

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.2

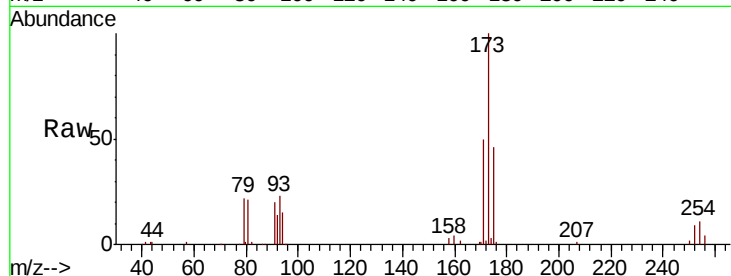
254 0.0 0.1 0.1#

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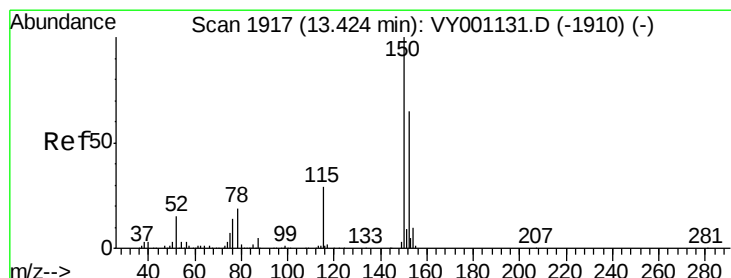
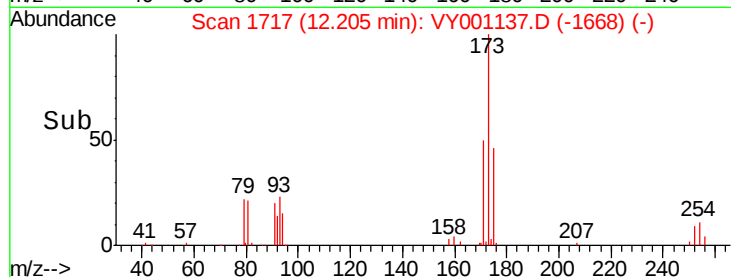
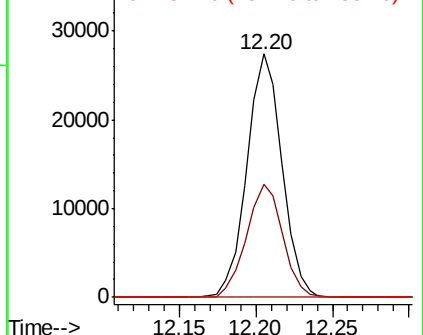
1/3/2020 11:13:27 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

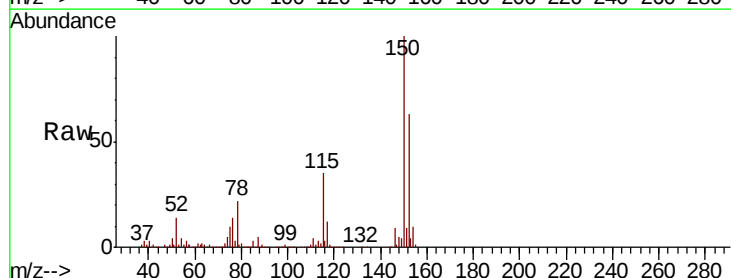
Tgt Ion:152 Resp: 241361

Ion Ratio Lower Upper

152 100

115 57.0 27.7 83.0

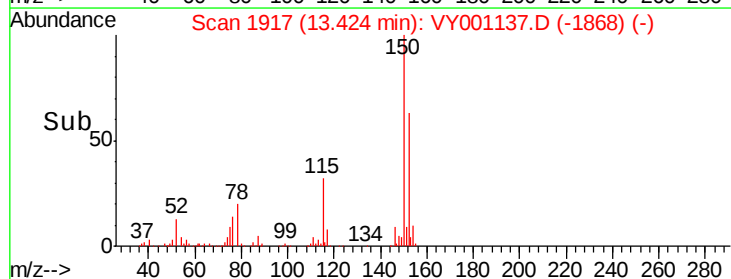
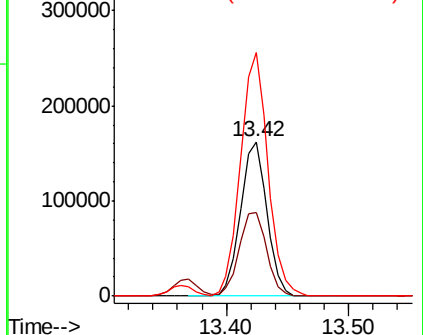
150 164.7 0.0 342.6

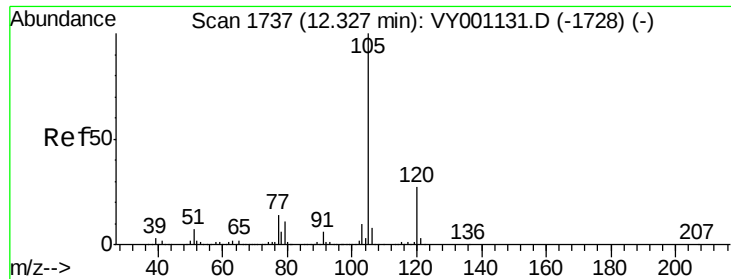


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.330 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 105 Resp: 388217

Ion Ratio Lower Upper

105 100

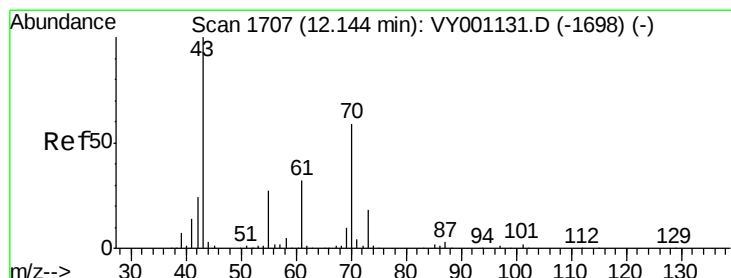
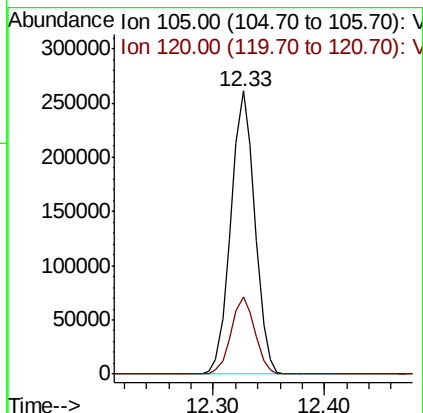
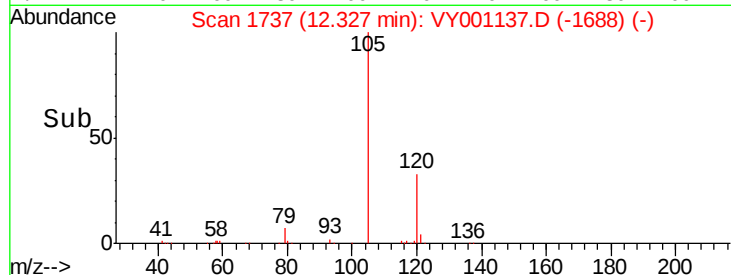
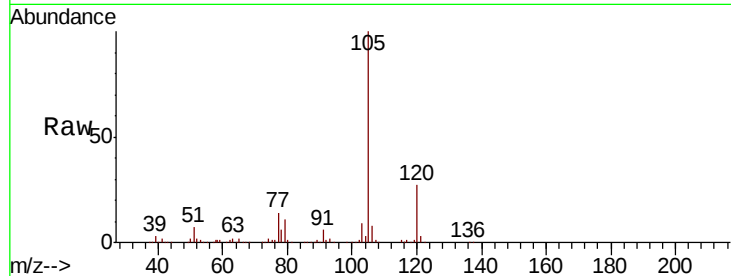
120 26.9 13.9 41.7

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#74

N-ethyl acetate

Concen: 22.012 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Tgt Ion: 43 Resp: 75961

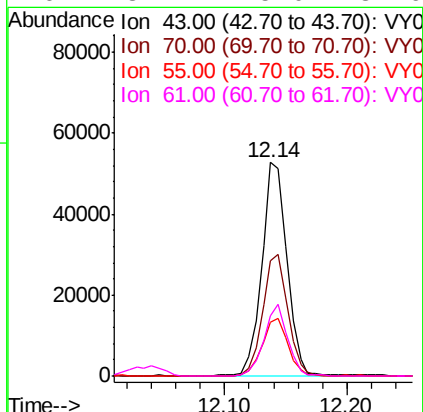
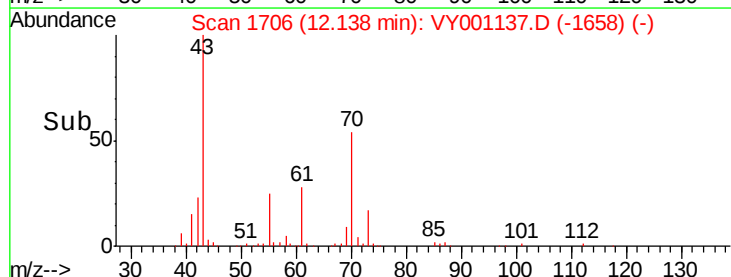
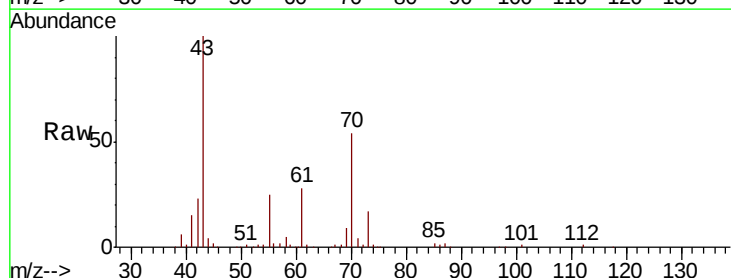
Ion Ratio Lower Upper

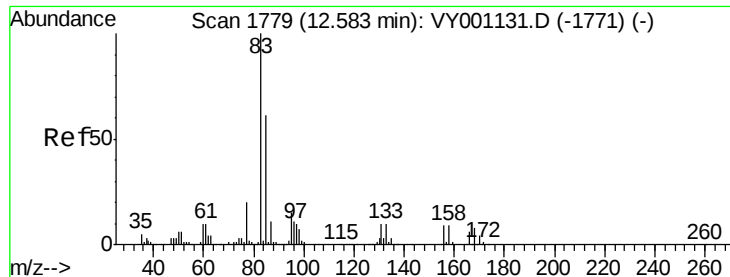
43 100

70 56.8 46.2 69.4

55 27.7 21.3 31.9

61 31.1 25.0 37.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.198 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

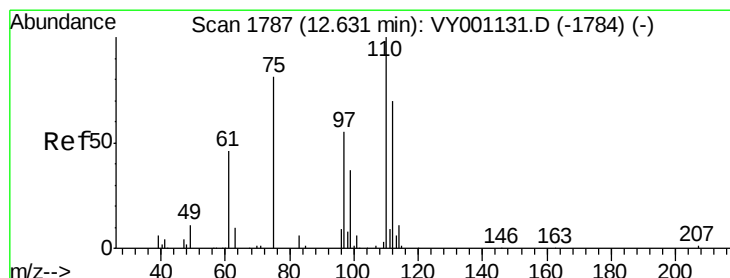
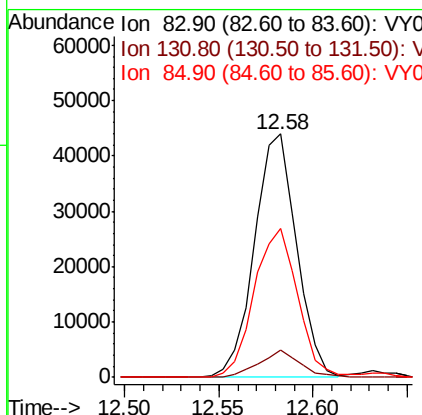
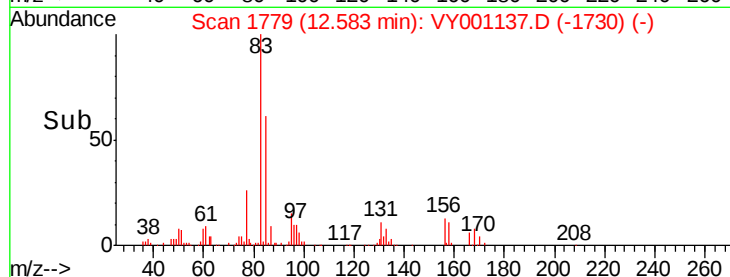
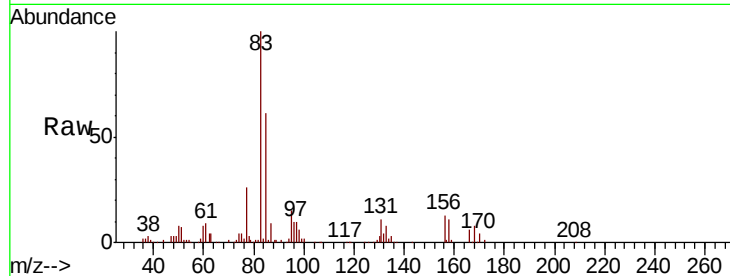
ClientSampleId :

VY0102SBSD01

Tot Ion:	83	Resp:	68189
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.7
85	63.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.141 ug/l m

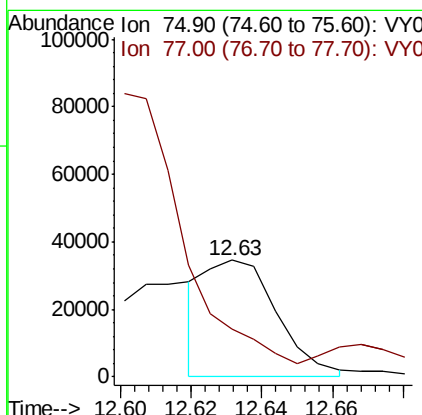
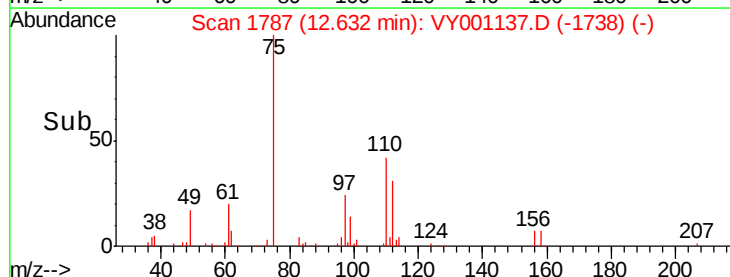
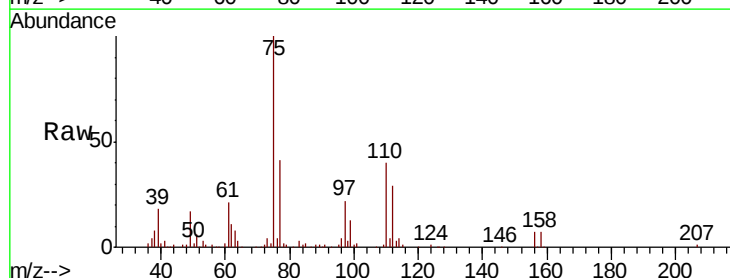
RT: 12.63 min Scan# 1787

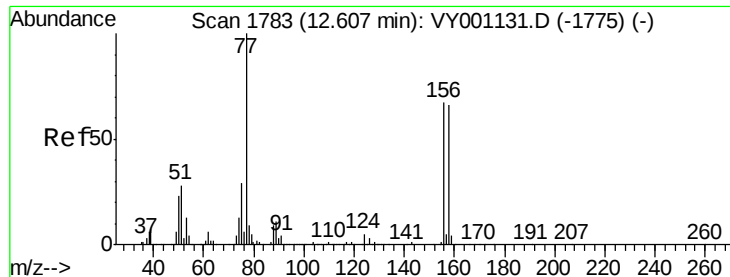
Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Tgt Ion:	75	Resp:	48870
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.421 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:156 Resp: 89862

Ion Ratio Lower Upper

156 100

77 171.5 85.9 257.7

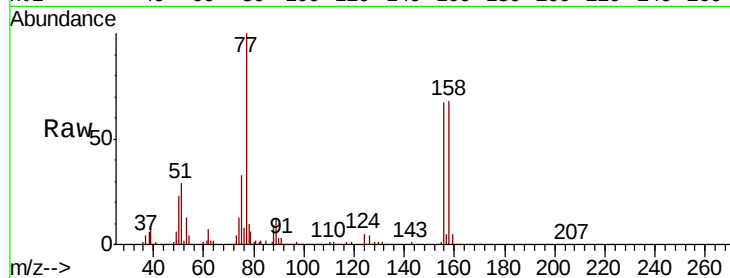
158 98.0 49.7 149.1

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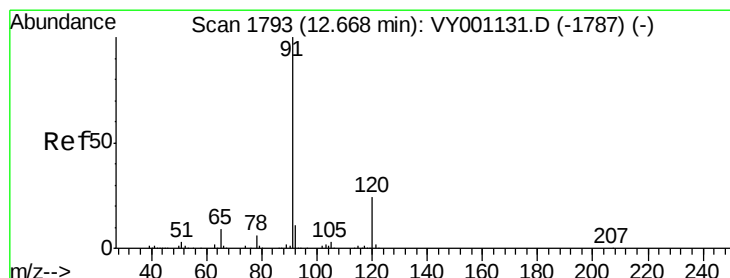
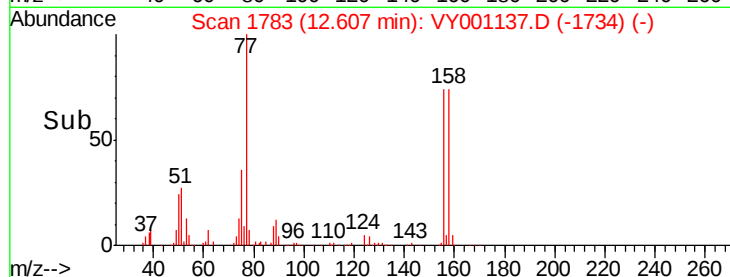
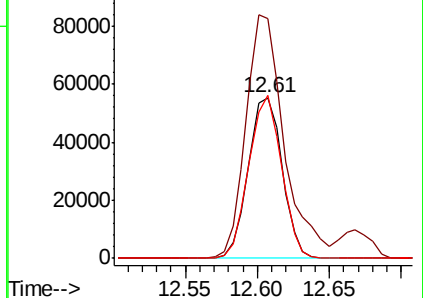
1/3/2020 11:13:27 AM



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: 20.402 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001137.D

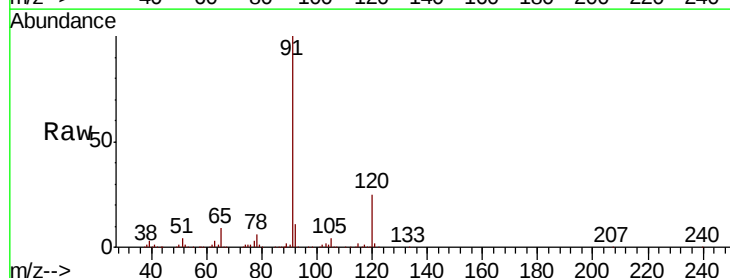
Acq: 02 Jan 2020 16:25

Tgt Ion: 91 Resp: 439053

Ion Ratio Lower Upper

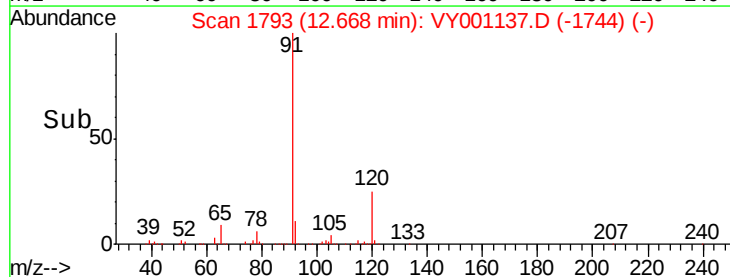
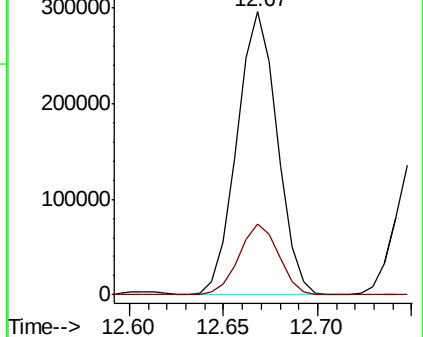
91 100

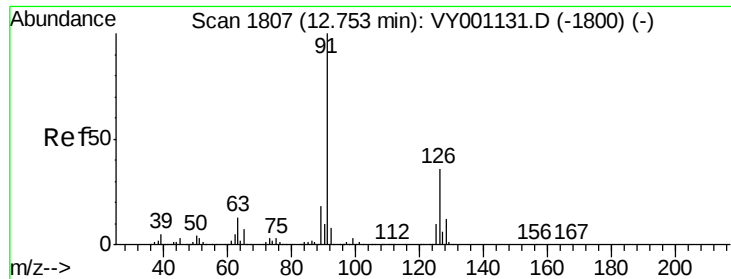
120 24.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.505 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 91 Resp: 244208

Ion Ratio Lower Upper

91 100

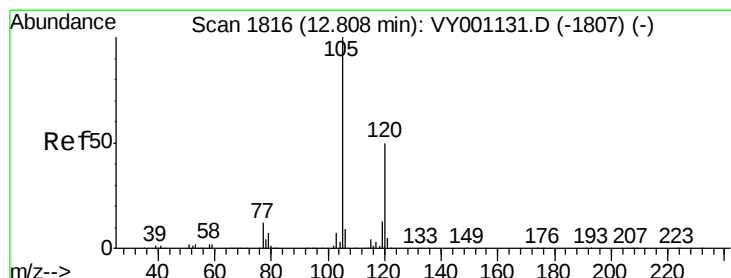
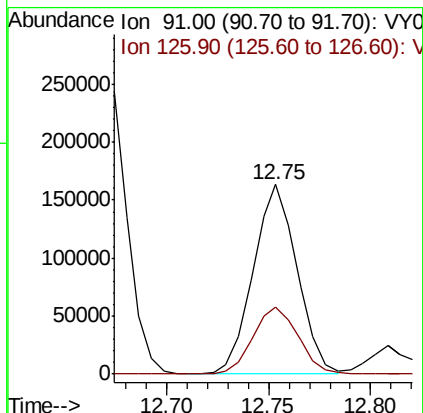
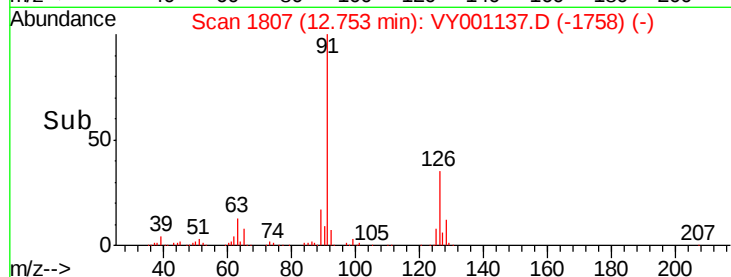
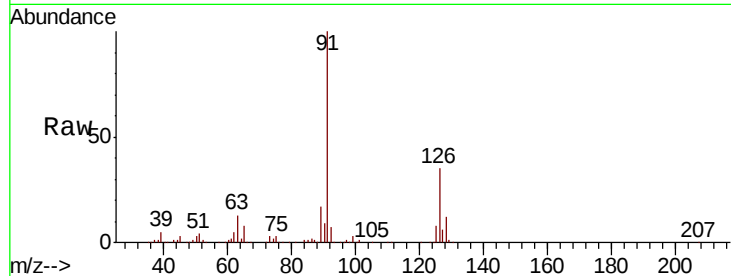
126 36.7 18.3 54.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.552 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001137.D

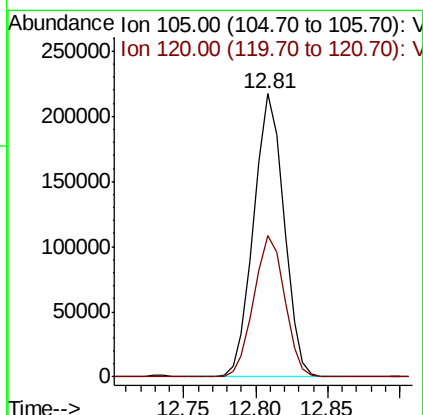
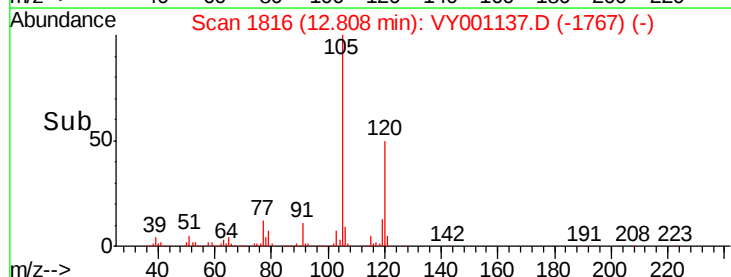
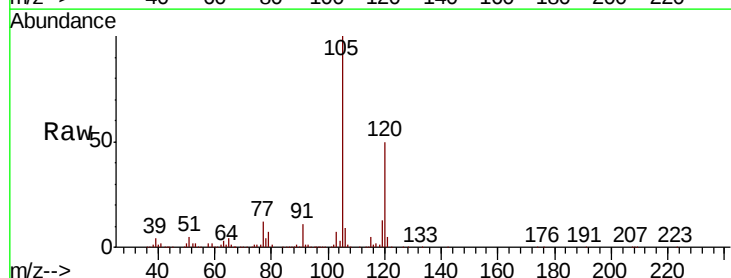
Acq: 02 Jan 2020 16:25

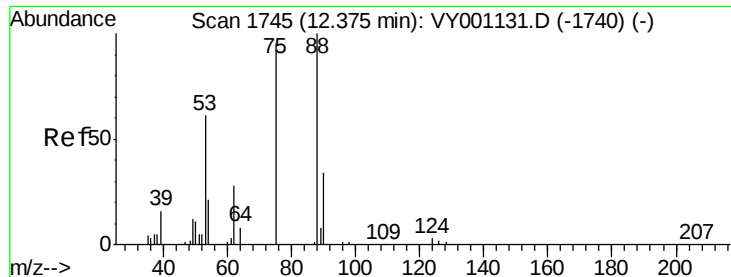
Tgt Ion: 105 Resp: 316455

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 22.382 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

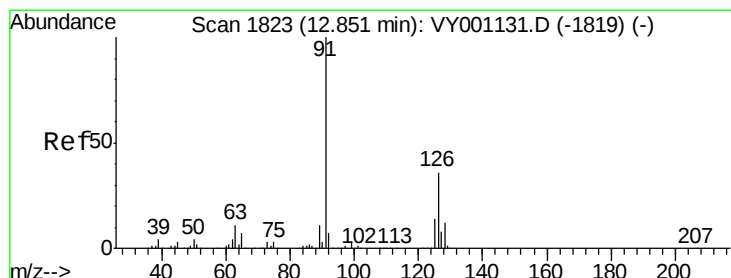
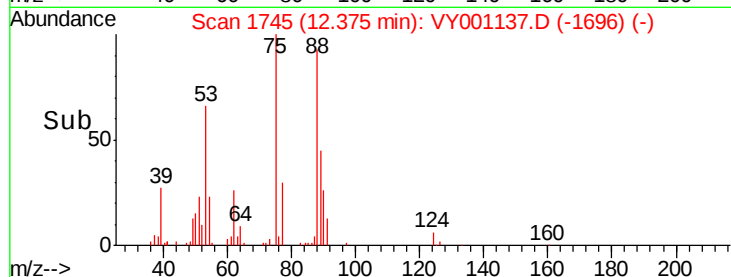
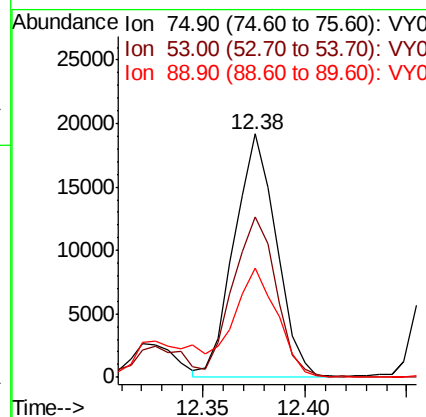
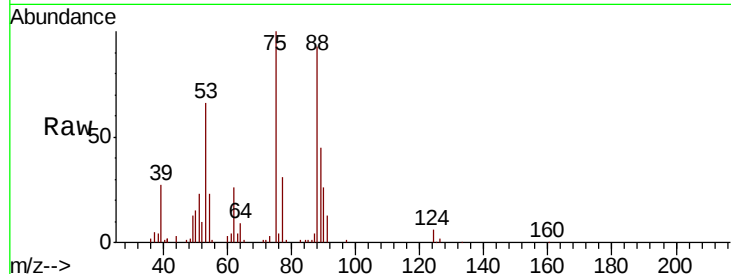
ClientSampleId :

VY0102SBSD01

Tot Ion:	75	Resp:	27565
Ion	Ratio	Lower	Upper
75	100		
53	67.7	55.6	83.4
89	46.5	34.7	52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.500 ug/l

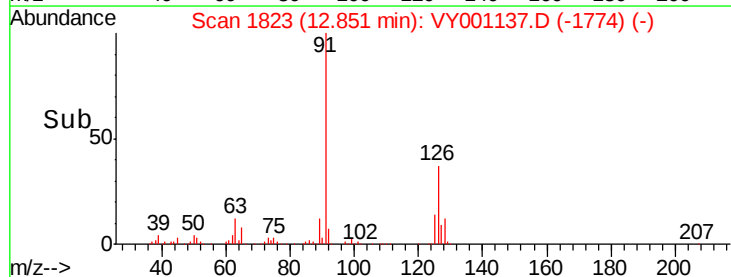
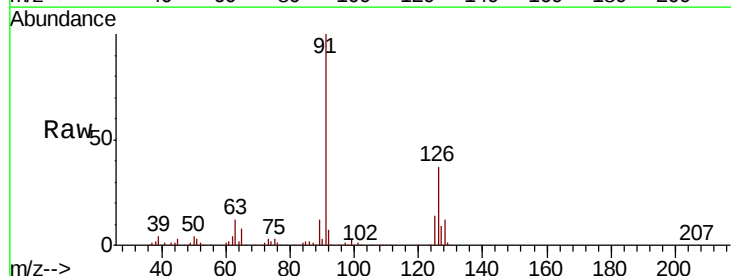
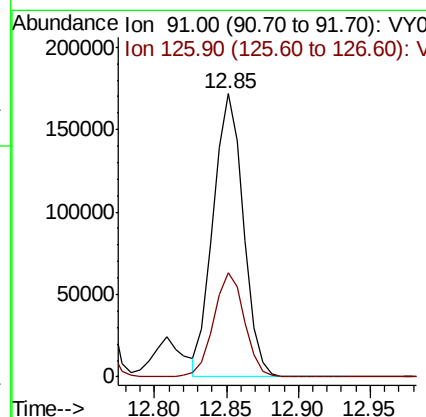
RT: 12.85 min Scan# 1823

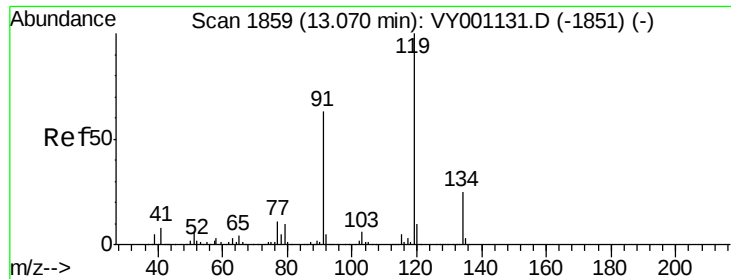
Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Tgt Ion:	91	Resp:	250963
Ion	Ratio	Lower	Upper
91	100		
126	37.6	18.6	56.0





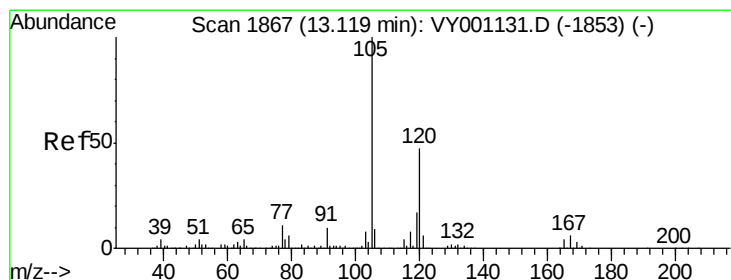
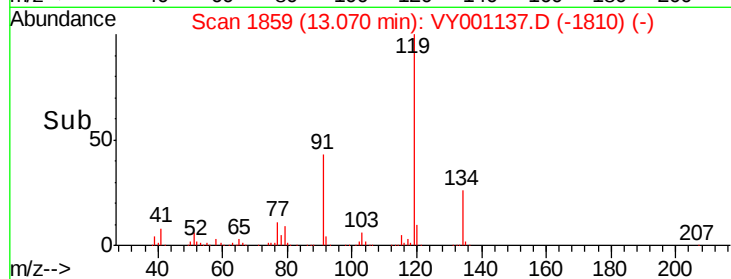
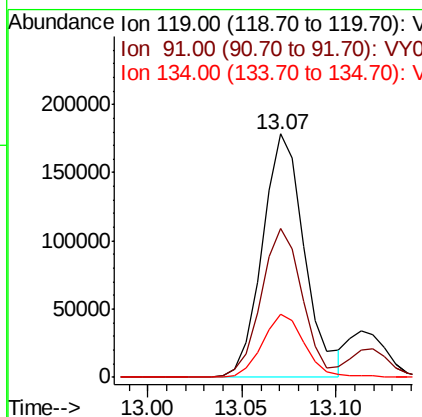
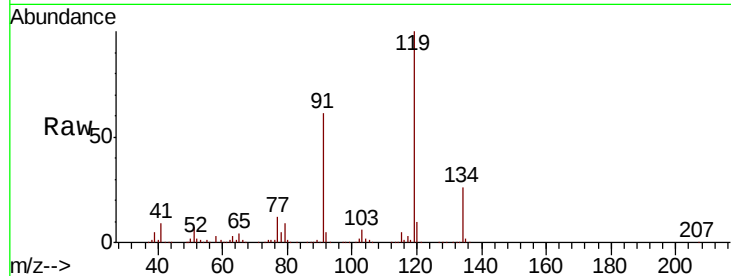
#83
 tert-Butylbenzene
 Concen: 21.105 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	276887		
91	60.3	30.9	92.7	
134	26.1	13.2	39.5	

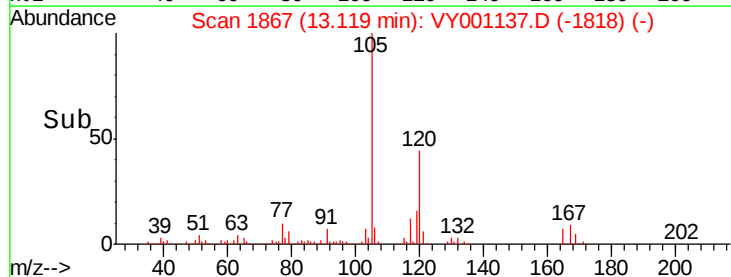
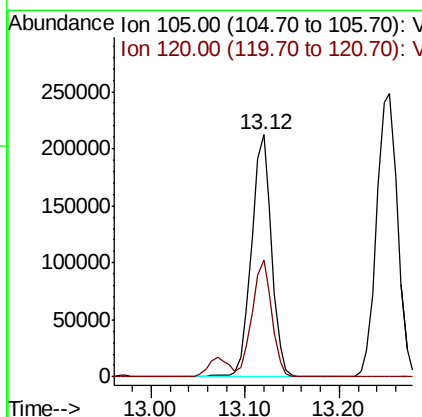
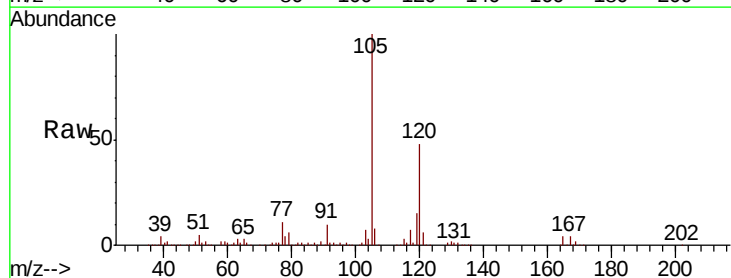
Manual Integrations
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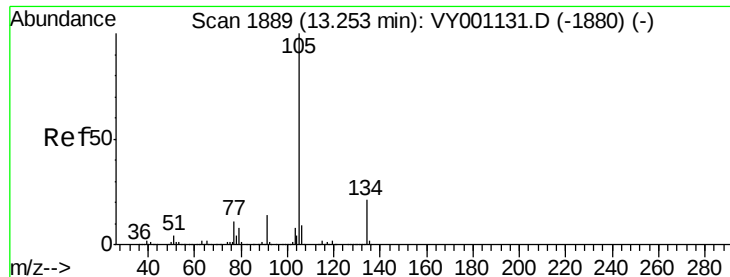
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.628 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	318007		
120	47.2	24.0	72.0	





#85

sec-Butylbenzene

Concen: 20.799 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:105 Resp: 382174

Ion Ratio Lower Upper

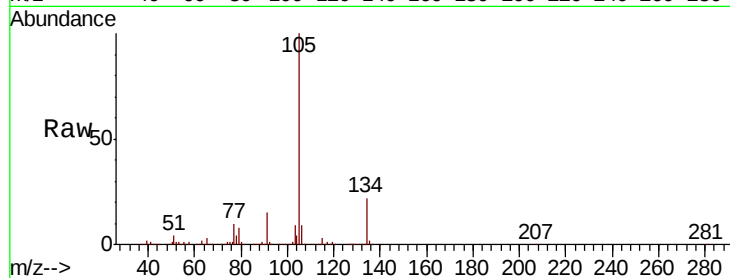
105 100

134 21.2 10.2 30.6

Manual Integrations
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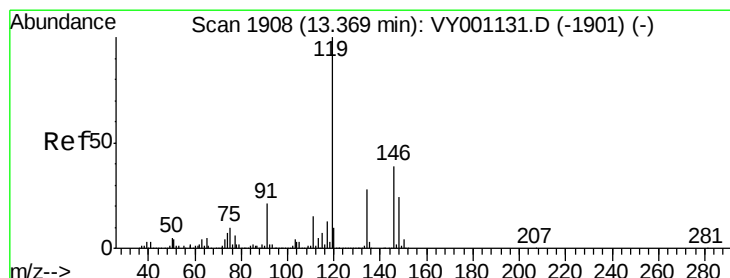
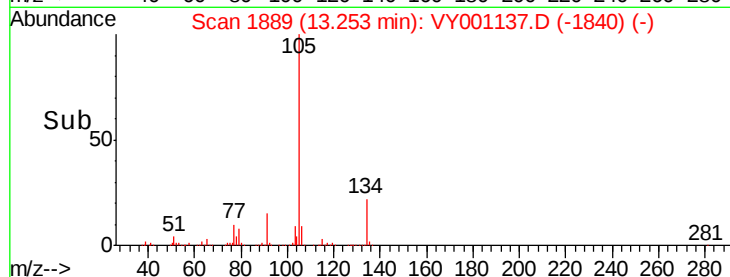
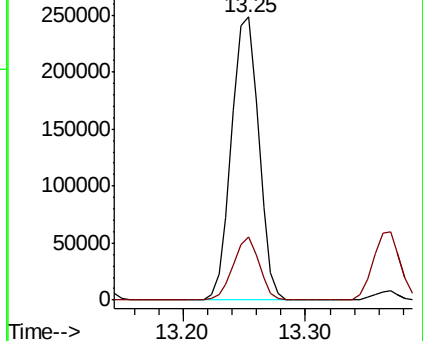
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.345 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

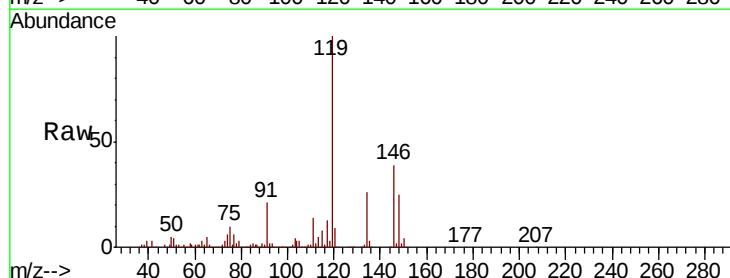
Tgt Ion:119 Resp: 336656

Ion Ratio Lower Upper

119 100

134 27.4 13.8 41.3

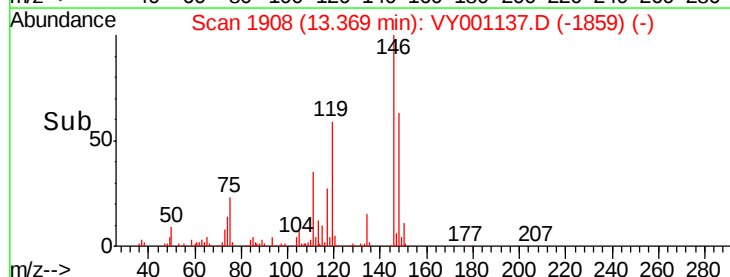
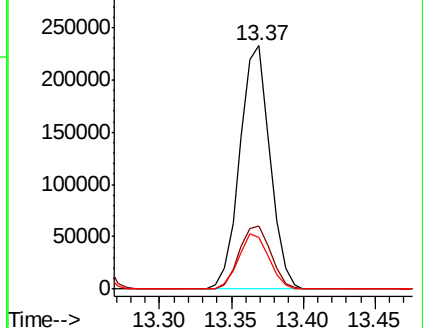
91 22.9 11.1 33.1

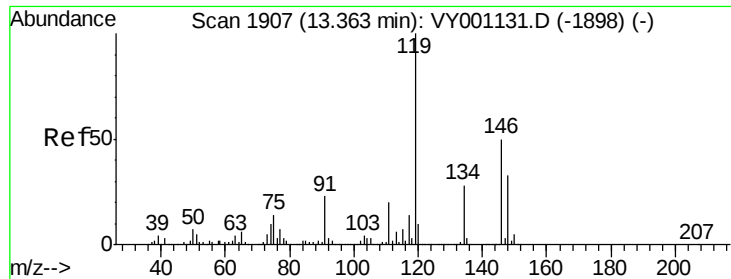


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.190 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Instrument :

MSVOA_Y

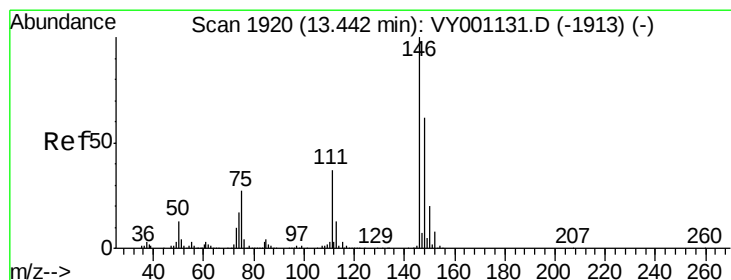
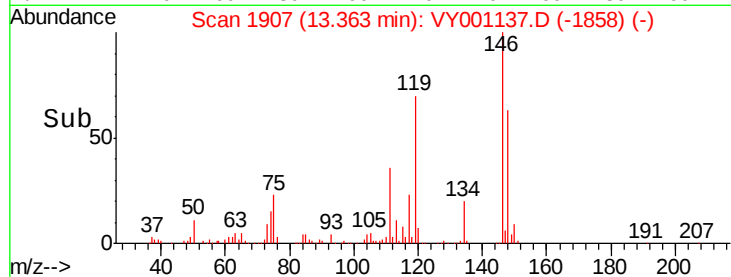
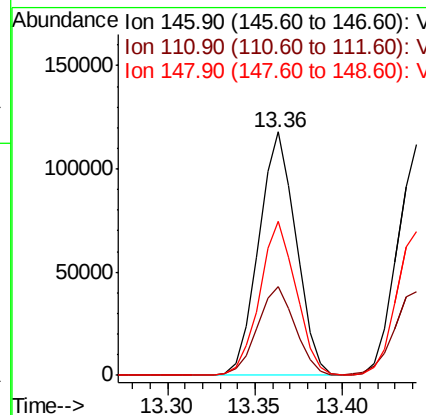
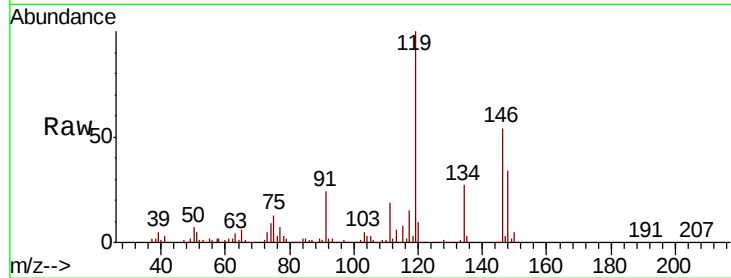
ClientSampleId :

VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.5	58.5
148	62.0	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.743 ug/l

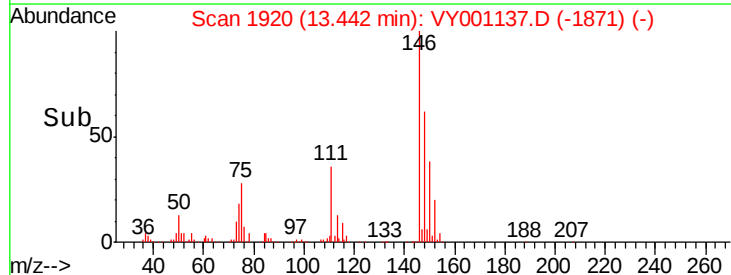
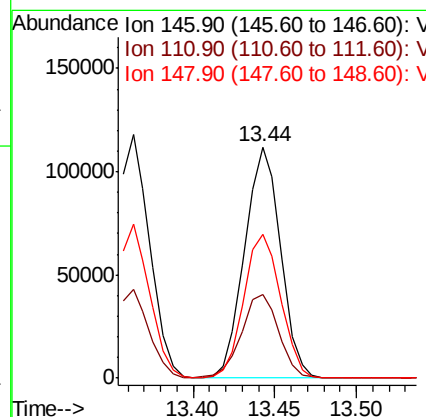
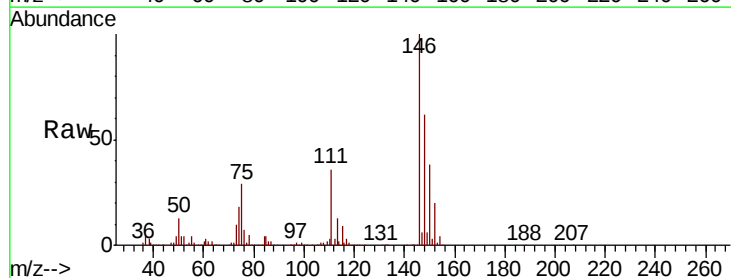
RT: 13.44 min Scan# 1920

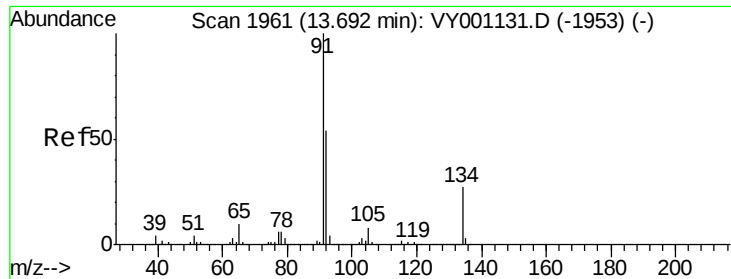
Delta R.T. 0.00 min

Lab File: VY001137.D

Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	64.2	32.0	96.0





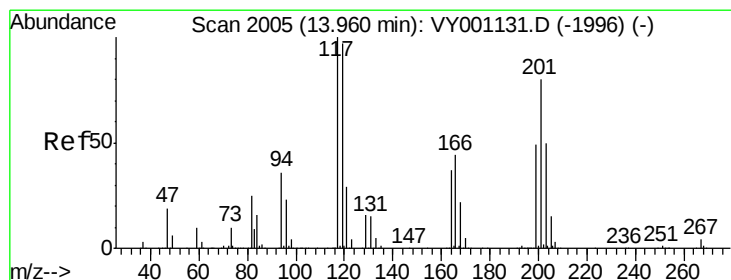
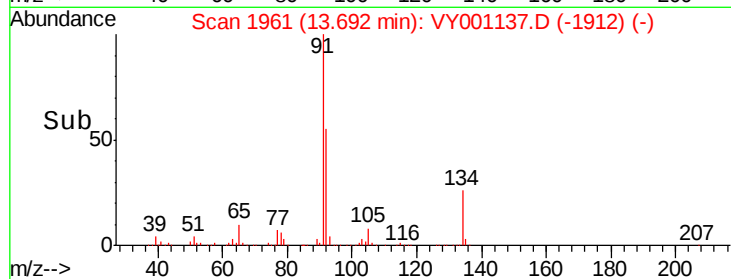
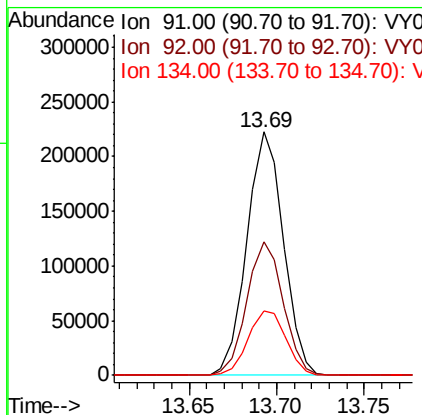
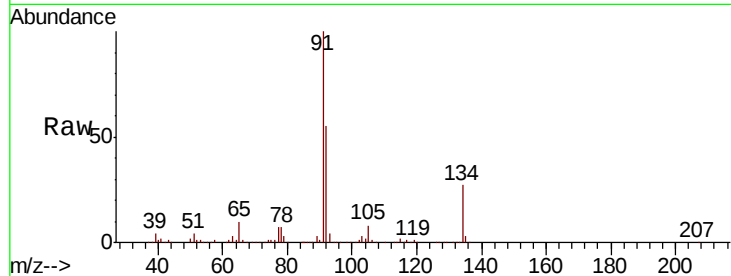
#89
n-Butylbenzene
Concen: 20.798 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.5	
134	27.6	14.1	42.4	

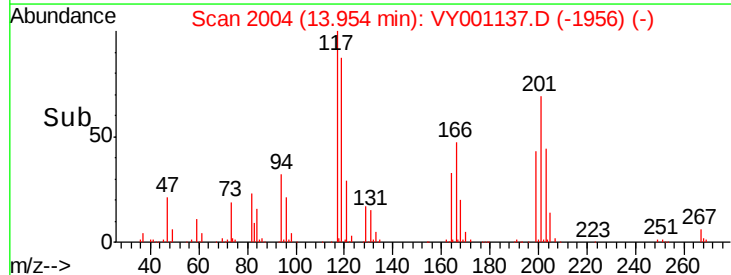
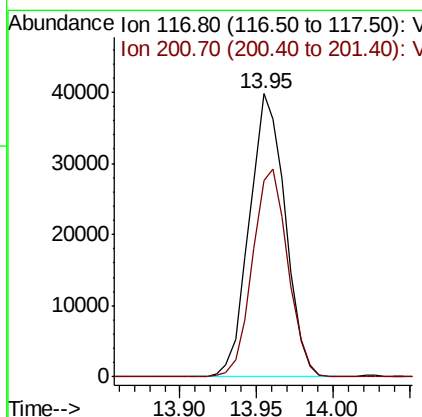
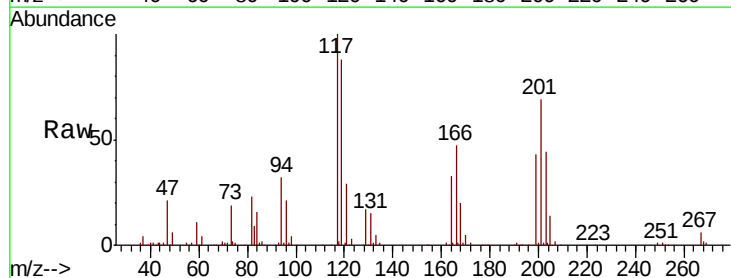
Manual Integrations
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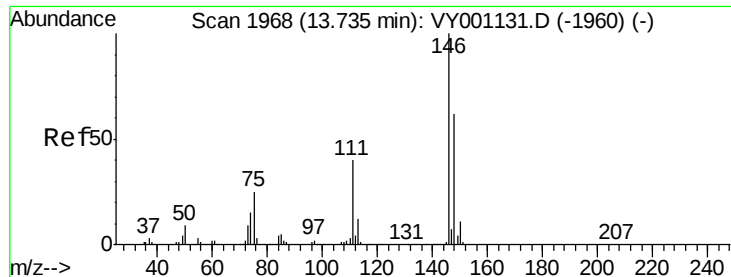
apatel
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#90
Hexachloroethane
Concen: 21.146 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	72.6	38.0	114.0	





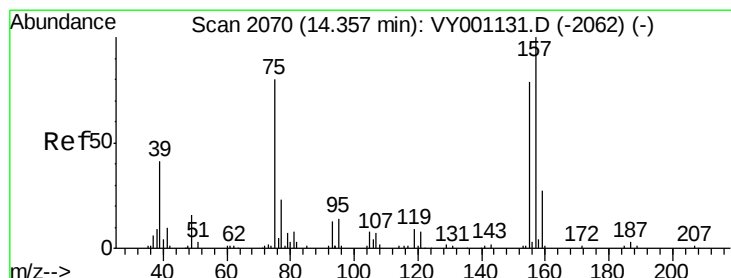
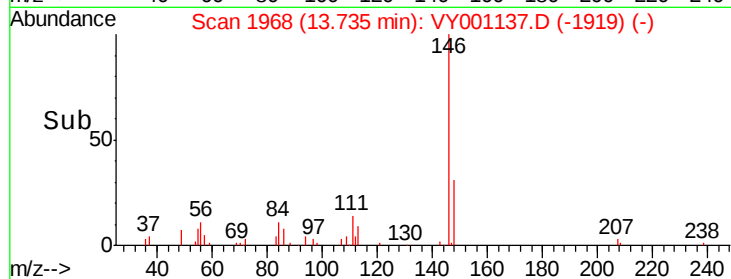
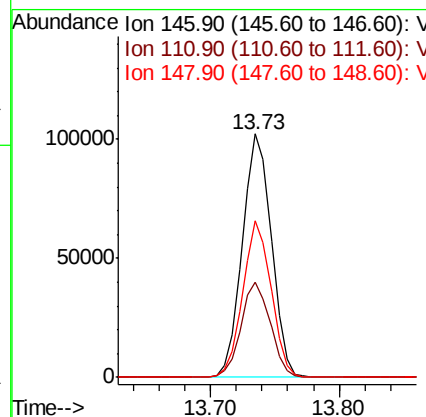
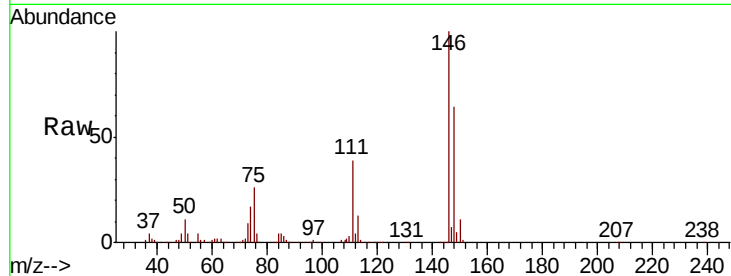
#91
 1,2-Dichlorobenzene
 Concen: 21.115 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.3
148	62.6	31.9	95.5

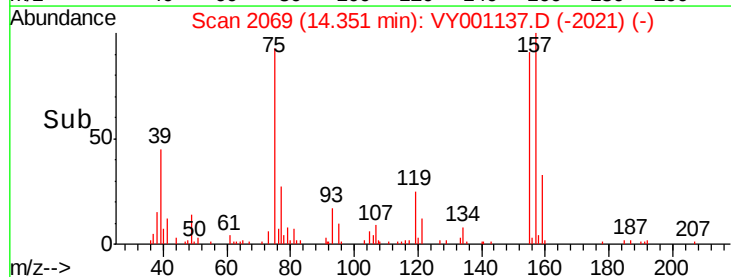
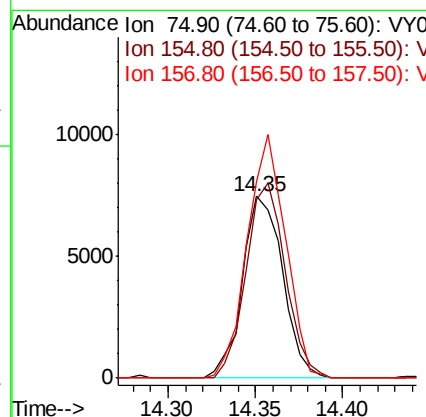
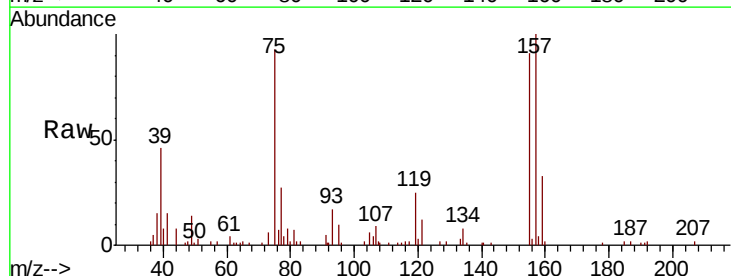
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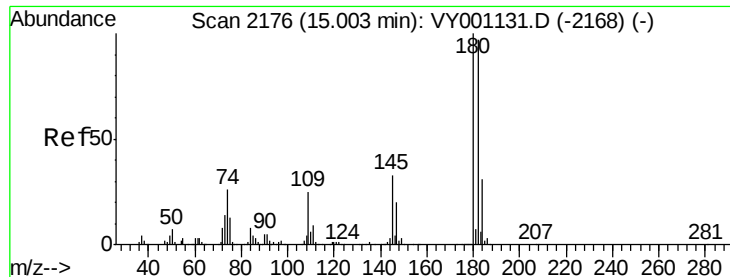
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.030 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.9	50.4	151.3
157	127.8	64.0	192.0





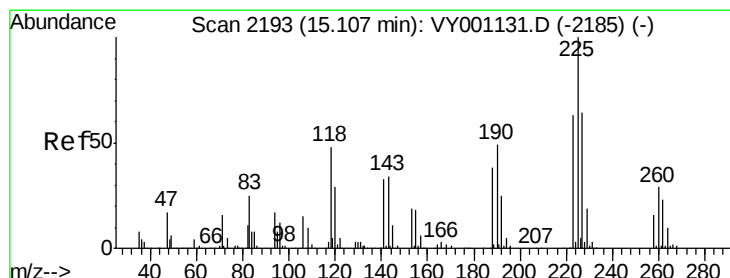
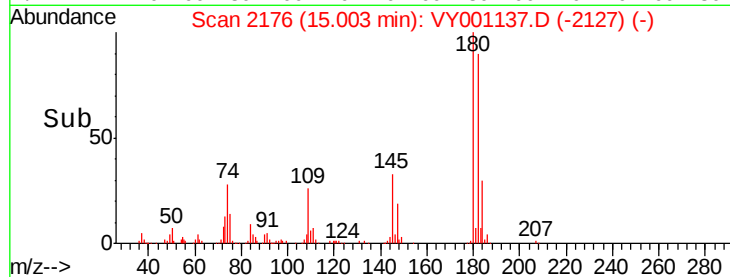
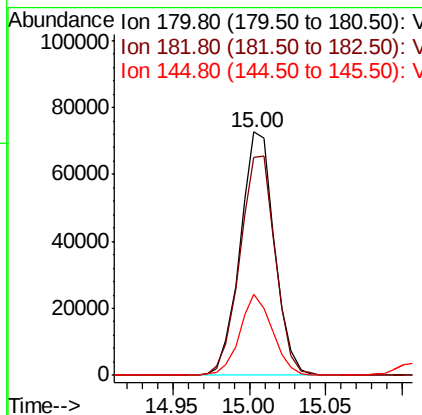
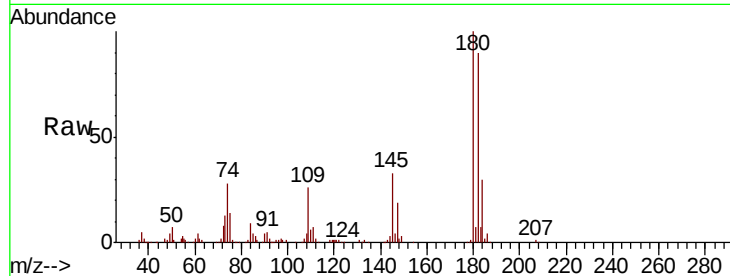
#93
 1,2,4-Trichlorobenzene
 Concen: 21.695 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion:	180	Resp:	112874
Ion Ratio	Lower	Upper	
180	100		
182	92.9	48.6	145.8
145	31.6	16.1	48.3

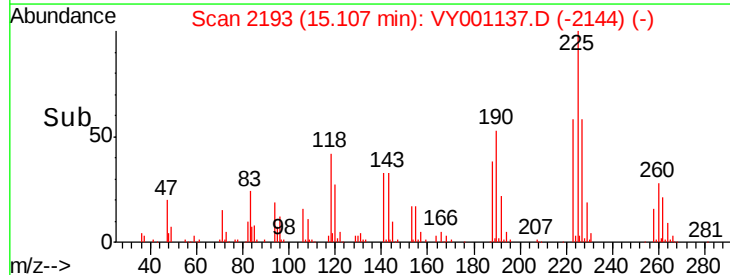
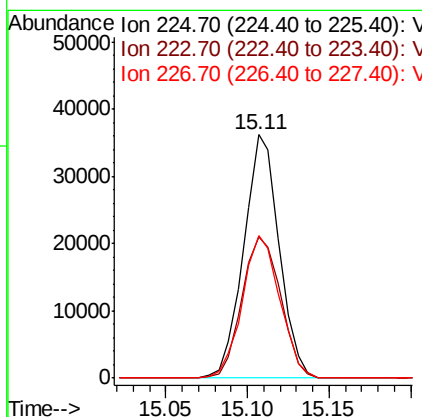
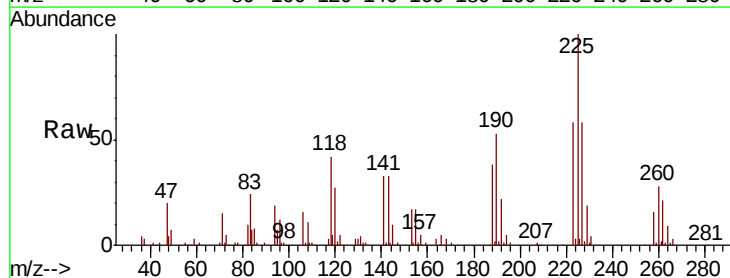
Manual Integrations
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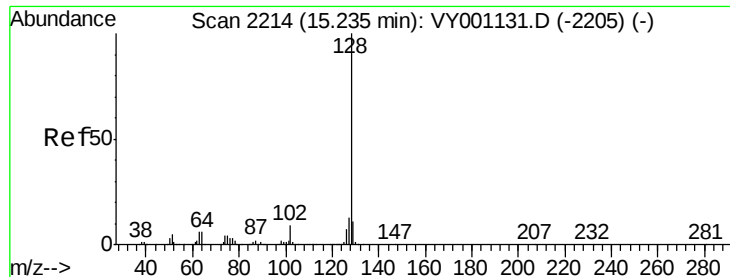
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#94
 Hexachlorobutadiene
 Concen: 20.882 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001137.D
 Acq: 02 Jan 2020 16:25

Tgt Ion:	225	Resp:	55026
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.8	95.3
227	61.8	32.6	97.7





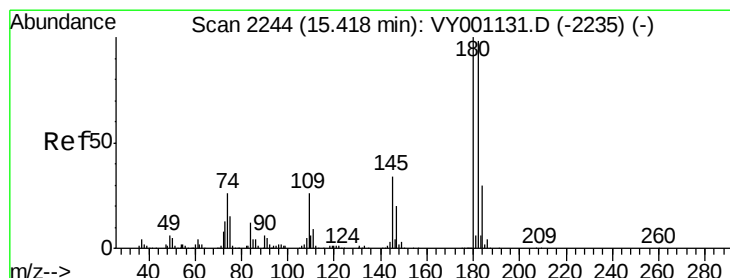
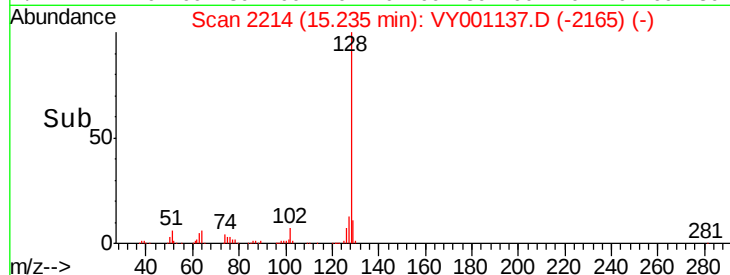
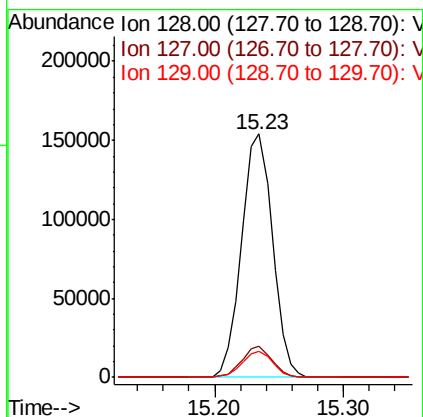
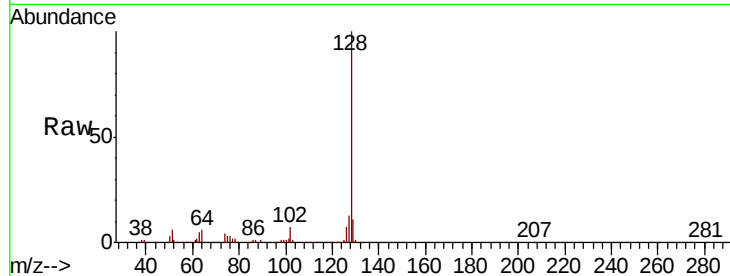
#95
Naphthalene
Concen: 21.589 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	256337		
127	12.4	10.1	15.1	
129	10.5	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.541 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001137.D
Acq: 02 Jan 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100292		
182	92.6	47.8	143.3	
145	31.4	16.5	49.5	

