

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003031.D
 Acq On : 30 Jun 2020 12:55
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
 APPROVED

sam
 7/1/2020 10:11:32 PM

Quant Time: Jul 01 06:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	531115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	760967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	683594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	365515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	240772	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	7.72	113	233585	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.18	98	863194	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.48	95	306783	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	71772	17.844	ug/l	99
3) Chloromethane	2.12	50	99502	16.893	ug/l	96
4) Vinyl Chloride	2.26	62	109395	19.040	ug/l	99
5) Bromomethane	2.65	94	91722	23.512	ug/l	98
6) Chloroethane	2.79	64	75483	20.652	ug/l	94
7) Trichlorofluoromethane	3.13	101	160683	19.815	ug/l	97
8) Diethyl Ether	3.54	74	54049	19.442	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	100863	20.831	ug/l	99
10) Methyl Iodide	4.10	142	120352	20.045	ug/l	98
11) Tert butyl alcohol	4.97	59	50227	93.430	ug/l	99
12) 1,1-Dichloroethene	3.88	96	95290	20.684	ug/l	92
13) Acrolein	3.74	56	45797	94.851	ug/l	99
14) Allyl chloride	4.48	41	149525	18.589	ug/l	97
15) Acrylonitrile	5.18	53	135912	94.860	ug/l	99
16) Acetone	3.96	43	109781	88.241	ug/l	98
17) Carbon Disulfide	4.20	76	289467	19.665	ug/l	99
18) Methyl Acetate	4.49	43	65301	19.482	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	271780	20.238	ug/l	97
20) Methylene Chloride	4.72	84	136783	20.529	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	106908	20.515	ug/l	94
22) Diisopropyl ether	6.13	45	321009	18.620	ug/l	99
23) Vinyl Acetate	6.07	43	1080531	93.746	ug/l	97
24) 1,1-Dichloroethane	6.02	63	184649	19.607	ug/l	99
25) 2-Butanone	7.00	43	183074	92.636	ug/l	96
26) 2,2-Dichloropropane	6.99	77	172087	20.112	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	117176	20.047	ug/l	98
28) Bromochloromethane	7.34	49	71949	17.170	ug/l	89
29) Tetrahydrofuran	7.36	42	124404	94.660	ug/l	96
30) Chloroform	7.51	83	186057	19.942	ug/l	99
31) Cyclohexane	7.78	56	178039	19.190	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	171732	20.165	ug/l	100
36) 1,1-Dichloropropene	7.93	75	147961	20.186	ug/l	98
37) Ethyl Acetate	7.09	43	86063	19.528	ug/l	98
38) Carbon Tetrachloride	7.91	117	156160	20.476	ug/l	93

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Manual Integrations
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Quant Time: Jul 01 06:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	188774	20.772	ug/l	98
40) Benzene	8.16	78	408634	20.363	ug/l	99
41) Methacrylonitrile	7.33	41	48066m	20.417	ug/l	
42) 1,2-Dichloroethane	8.24	62	126948	19.997	ug/l	100
43) Isopropyl Acetate	8.28	43	165542	19.759	ug/l	98
44) Trichloroethene	8.94	130	125317	21.485	ug/l	99
45) 1,2-Dichloropropane	9.22	63	107685	19.946	ug/l	93
46) Dibromomethane	9.31	93	61711	20.466	ug/l	98
47) Bromodichloromethane	9.50	83	149874	20.299	ug/l	99
48) Methyl methacrylate	9.30	41	74783	19.610	ug/l	98
49) 1,4-Dioxane	9.30	88	15544	422.294	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	424724	98.081	ug/l	98
52) Toluene	10.24	92	261750	20.720	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154985	20.021	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	177732	20.076	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	86837	20.724	ug/l	94
56) Ethyl methacrylate	10.51	69	124215	20.479	ug/l	97
57) 1,3-Dichloropropane	10.79	76	148043	20.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	282408	90.784	ug/l	99
59) 2-Hexanone	10.83	43	300105	99.151	ug/l	98
60) Dibromochloromethane	10.99	129	111719	20.834	ug/l	99
61) 1,2-Dibromoethane	11.09	107	86807	21.014	ug/l	99
64) Tetrachloroethene	10.72	164	125614	21.712	ug/l	99
65) Chlorobenzene	11.52	112	286915	21.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	109993	20.901	ug/l	99
67) Ethyl Benzene	11.60	91	516670	20.952	ug/l	100
68) m/p-Xylenes	11.70	106	387637	42.237	ug/l	99
69) o-Xylene	12.03	106	181504	20.987	ug/l	98
70) Styrene	12.04	104	313479	21.217	ug/l	98
71) Bromoform	12.21	173	74954	21.360	ug/l	99
73) Isopropylbenzene	12.33	105	500160	20.908	ug/l	99
74) N-amyl acetate	12.14	43	155696	19.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	102678	21.270	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	78282m	21.640	ug/l	
77) Bromobenzene	12.61	156	129184	21.062	ug/l	96
78) n-propylbenzene	12.67	91	598023	20.787	ug/l	100
79) 2-Chlorotoluene	12.75	91	342128	21.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	420386	20.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37956	20.414	ug/l	98
82) 4-Chlorotoluene	12.85	91	363447	21.738	ug/l	99
83) tert-Butylbenzene	13.08	119	369987	20.991	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	423253	20.925	ug/l	99
85) sec-Butylbenzene	13.25	105	515348	21.212	ug/l	99
86) p-Isopropyltoluene	13.37	119	473998	21.055	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	240759	21.025	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	239850	21.242	ug/l	99
89) n-Butylbenzene	13.70	91	457510	21.241	ug/l	99
90) Hexachloroethane	13.96	117	93157	20.839	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	218162	21.235	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19637	22.979	ug/l	97

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Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

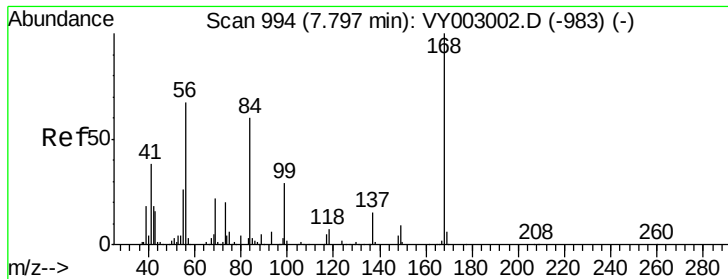
Manual Integrations
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Quant Time: Jul 01 06:09:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	166709	21.837	ug/l	99
94) Hexachlorobutadiene	15.11	225	105552	21.920	ug/l	99
95) Naphthalene	15.23	128	312893	22.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	142511	21.498	ug/l	98

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



#1

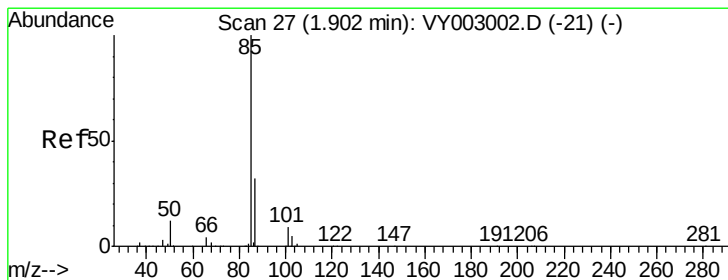
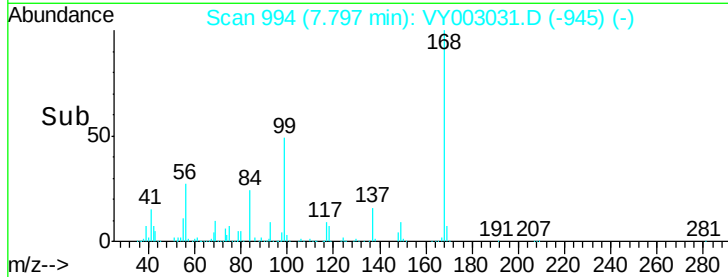
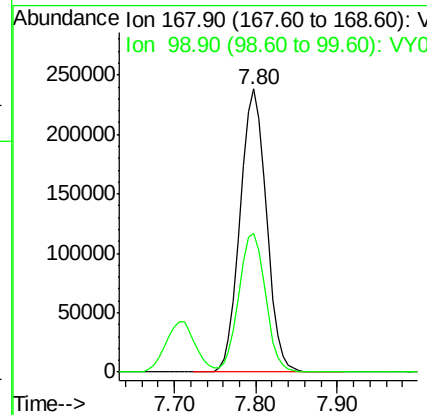
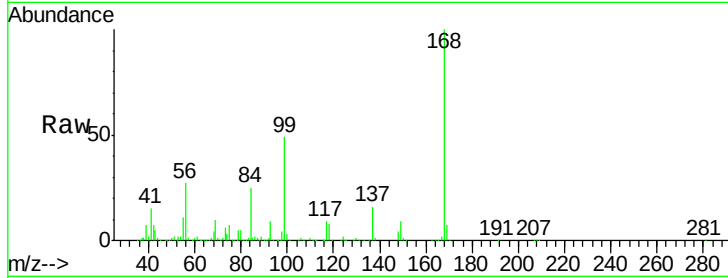
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.2	58.8

Manual Integrations
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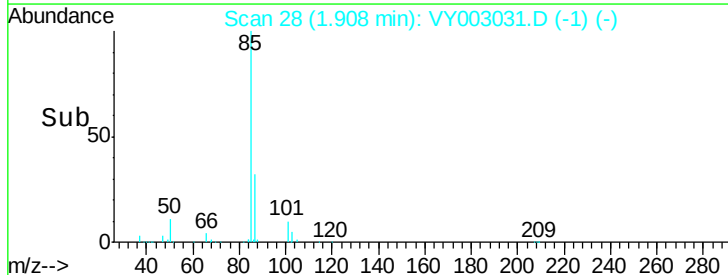
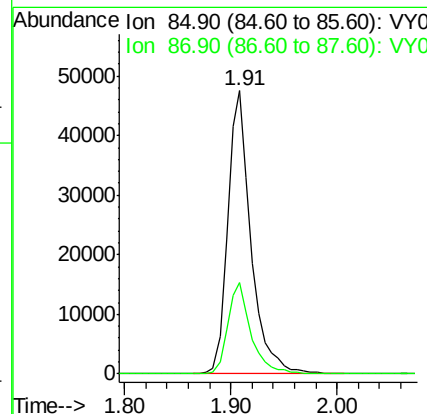
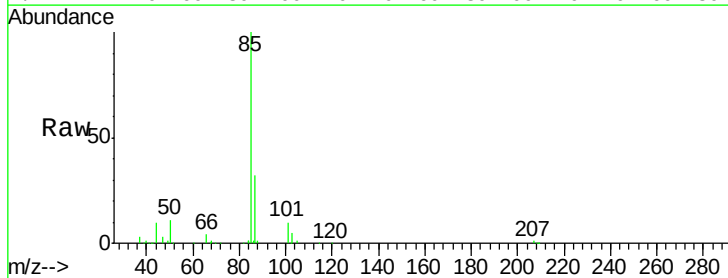
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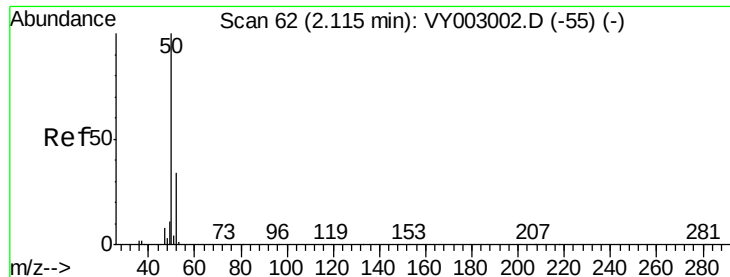


#2

Dichlorodifluoromethane
 Concen: 17.844 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.4





#3

Chloromethane

Concen: 16.893 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 50 Resp: 99502

Ion Ratio Lower Upper

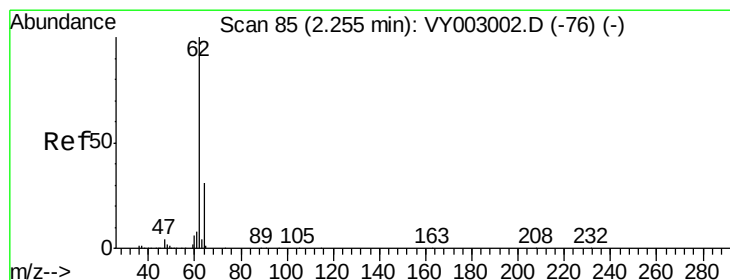
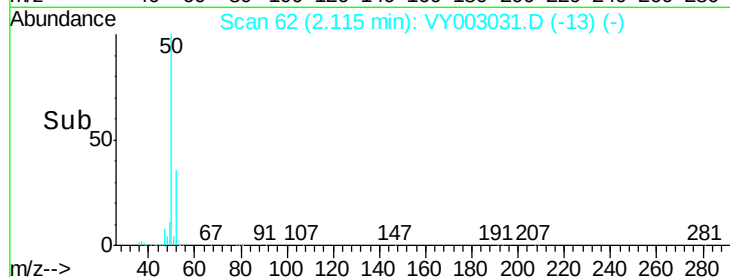
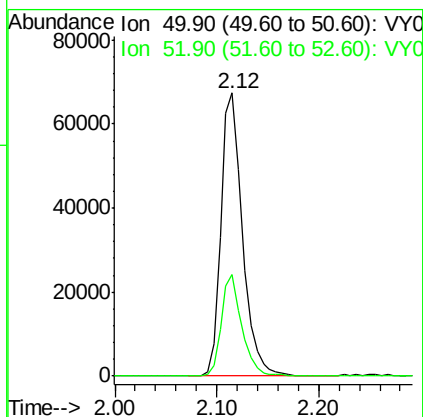
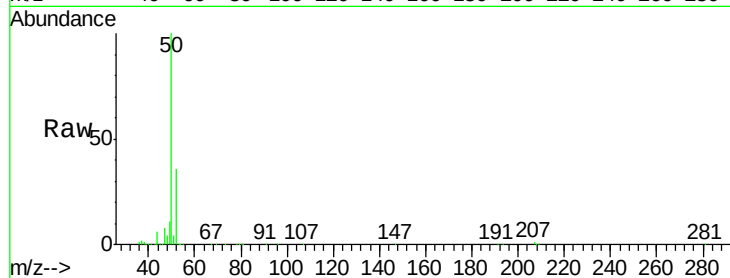
50 100

52 35.8 26.9 40.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.040 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003031.D

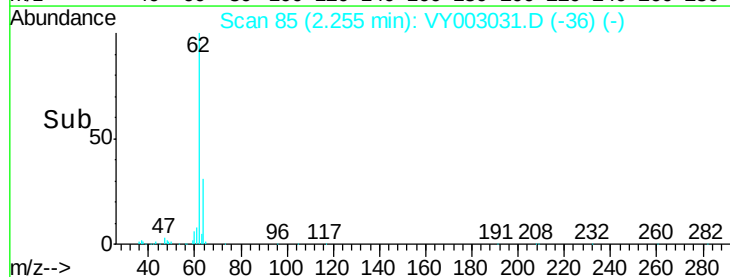
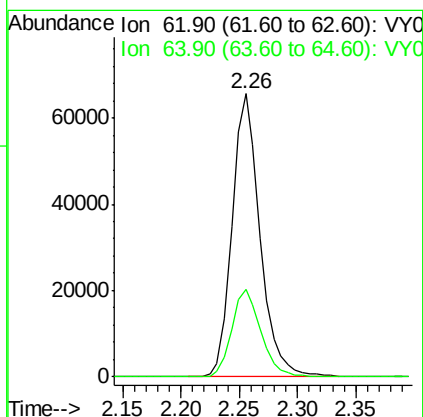
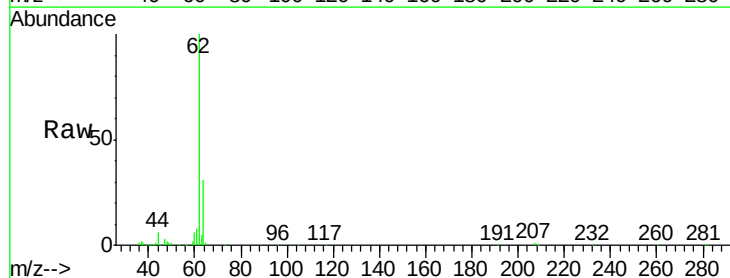
Acq: 30 Jun 2020 12:55

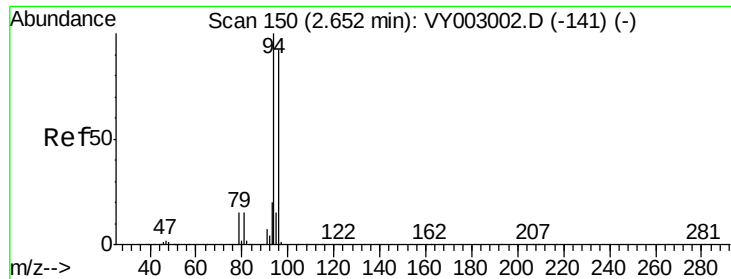
Tgt Ion: 62 Resp: 109395

Ion Ratio Lower Upper

62 100

64 30.9 24.4 36.6





#5

Bromomethane

Concen: 23.512 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 94 Resp: 91722

Ion Ratio Lower Upper

94 100

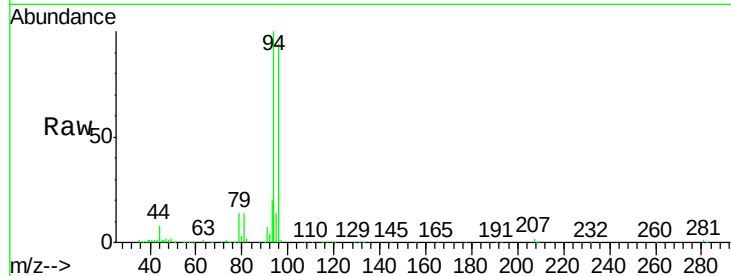
96 93.6 73.4 110.2

Manual Integrations

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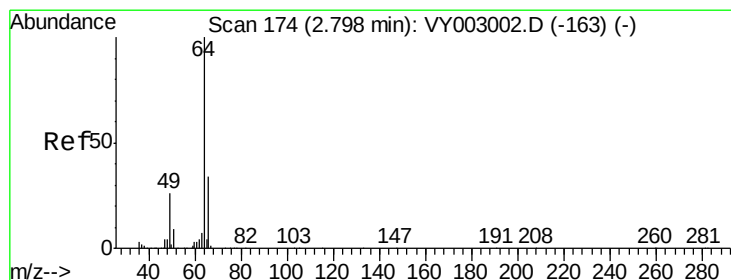
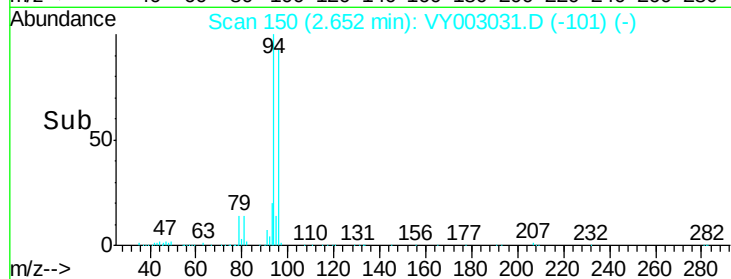
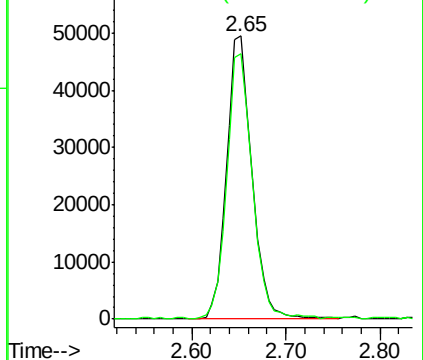
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.652 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003031.D

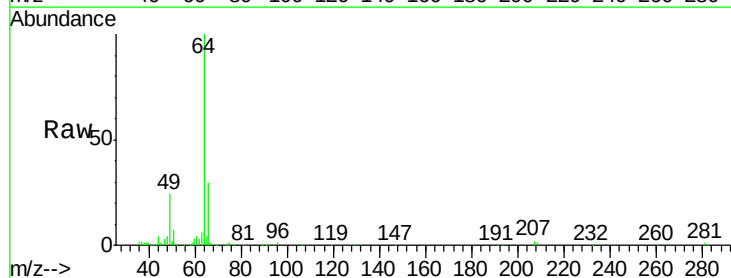
Acq: 30 Jun 2020 12:55

Tgt Ion: 64 Resp: 75483

Ion Ratio Lower Upper

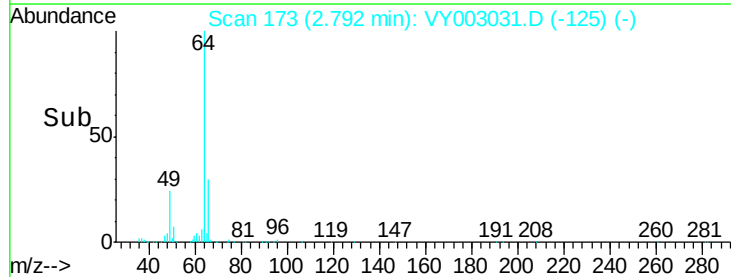
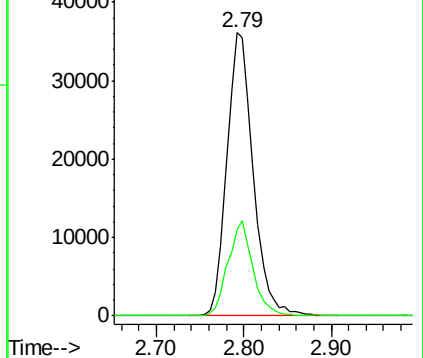
64 100

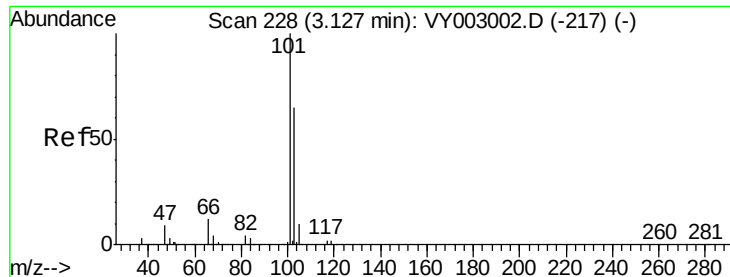
66 30.3 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

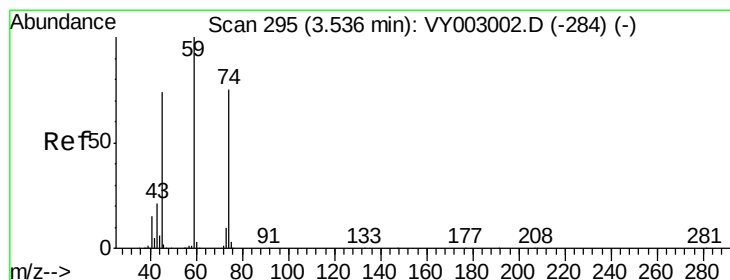
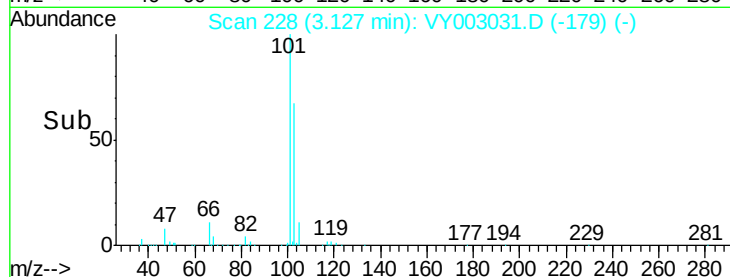
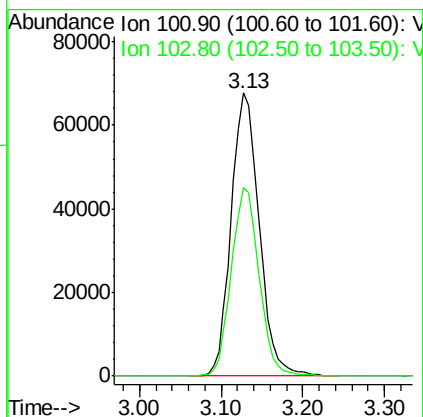
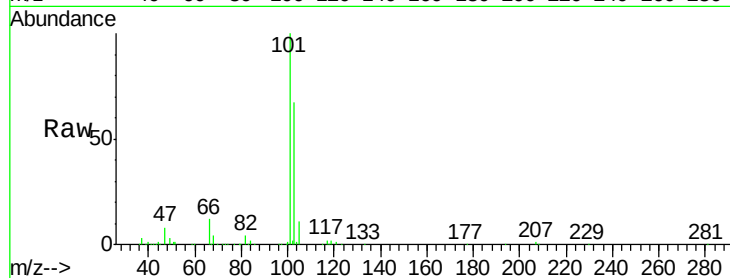
Trichlorofluoromethane
Concen: 19.815 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

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MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.6	77.4

Manual Integrations
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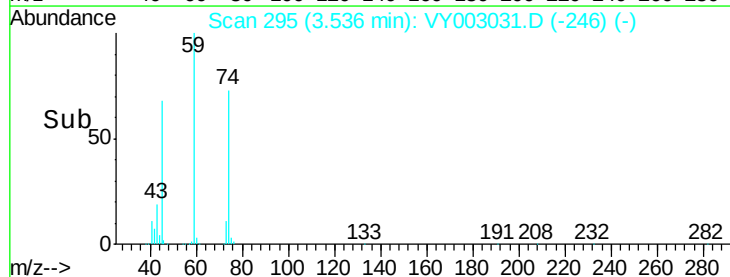
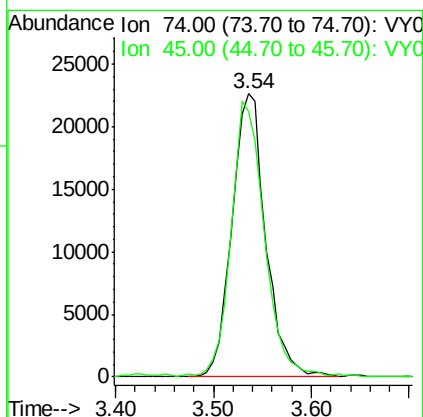
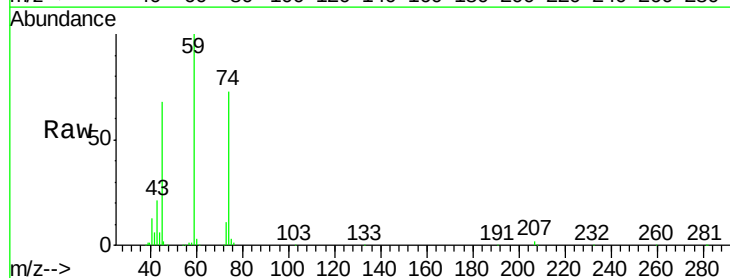
sam
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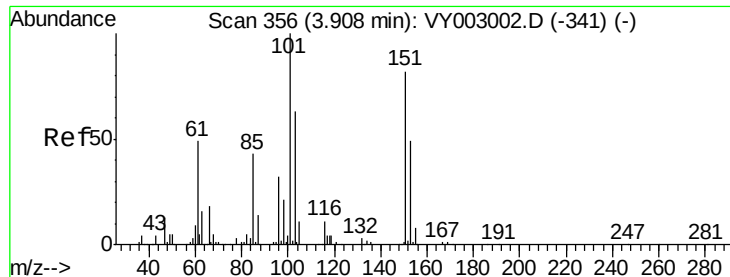


#8

Diethyl Ether
Concen: 19.442 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.831 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

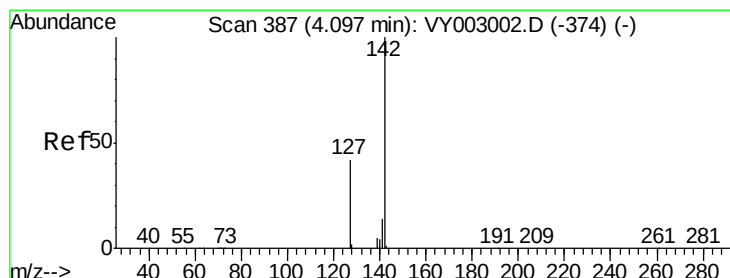
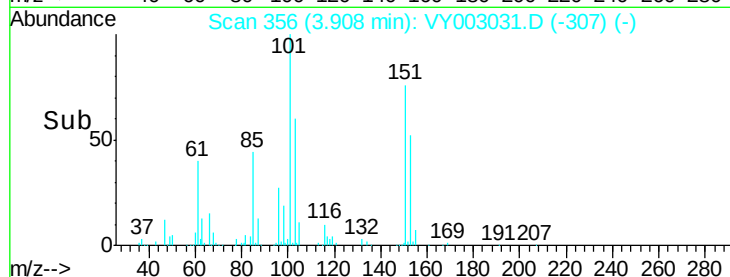
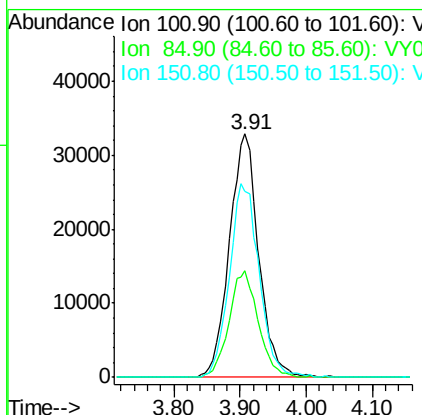
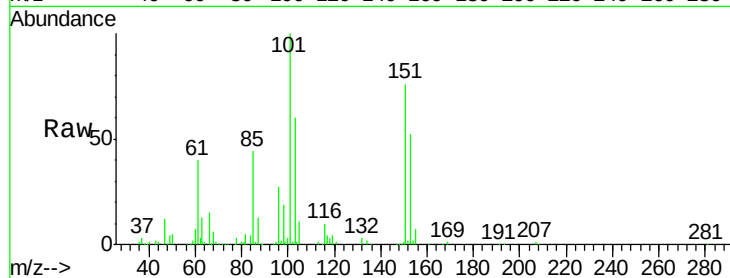
ClientSampleId :

VY0630SBS01

Tot Ion:	101	Resp:	100863
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.5	53.3
151	81.2	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.045 ug/l

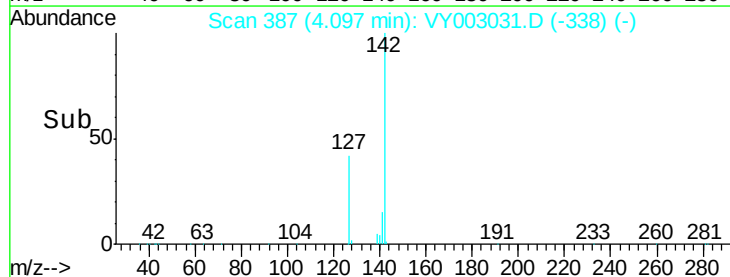
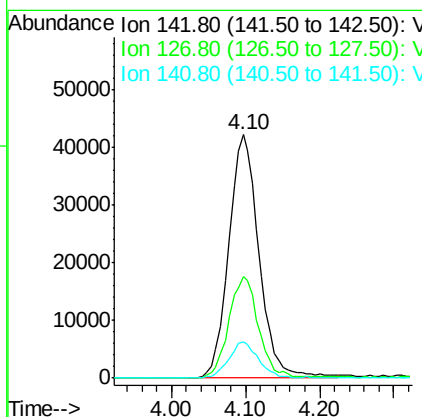
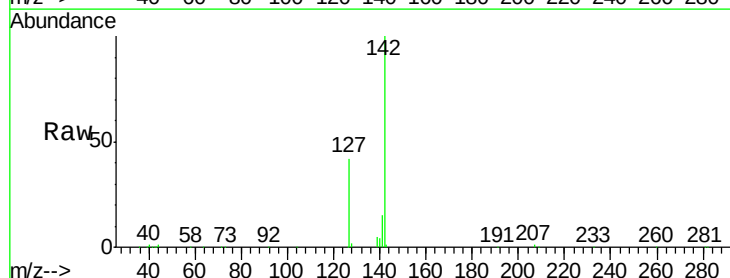
RT: 4.10 min Scan# 387

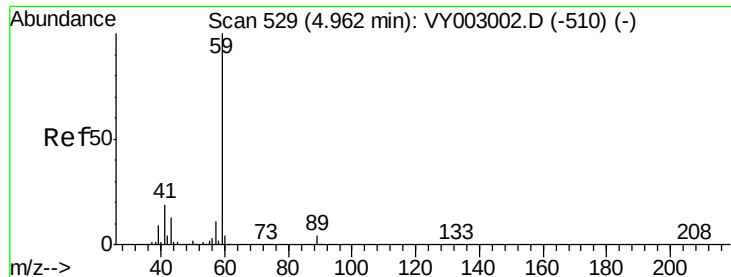
Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	142	Resp:	120352
Ion Ratio	Lower	Upper	
142	100		
127	41.1	34.2	51.2
141	14.7	11.7	17.5





#11

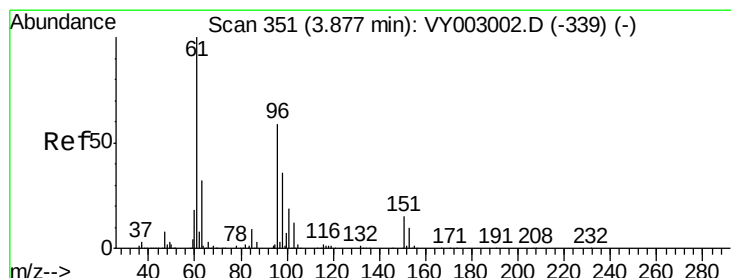
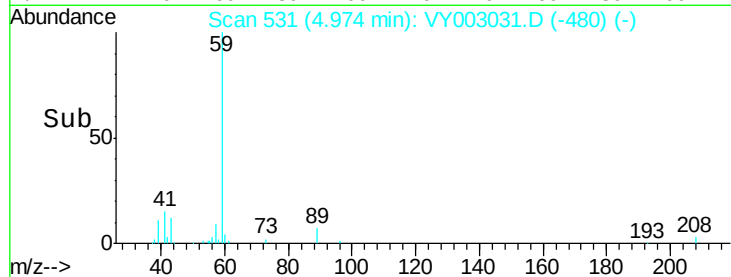
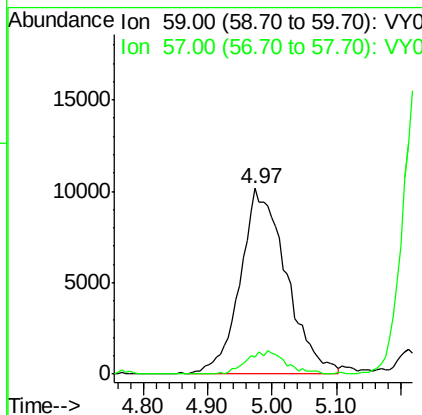
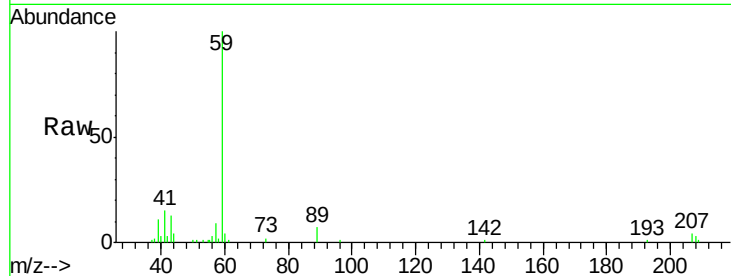
Tert butyl alcohol
Concen: 93.430 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	59	Resp	50227
Ion Ratio	100	Lower	Upper
57	10.6	8.0	12.0

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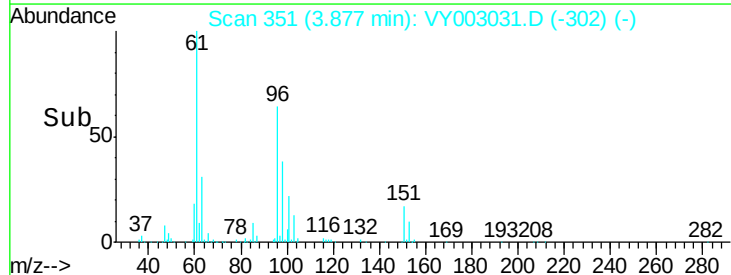
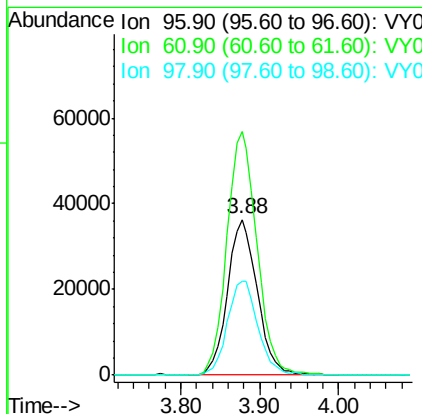
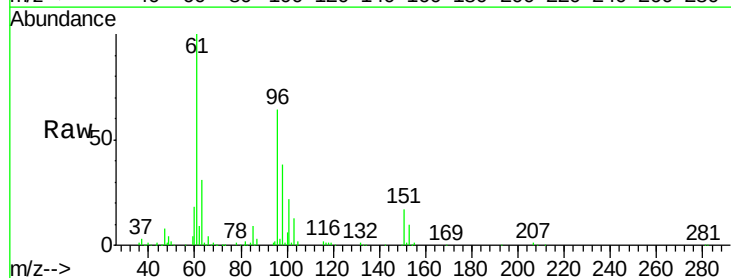
sam
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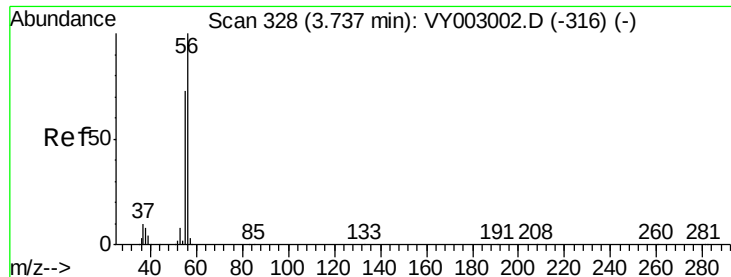


#12

1,1-Dichloroethene
Concen: 20.684 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	96	Resp	95290
Ion Ratio	100	Lower	Upper
61	156.5	136.7	205.1
98	60.0	49.7	74.5





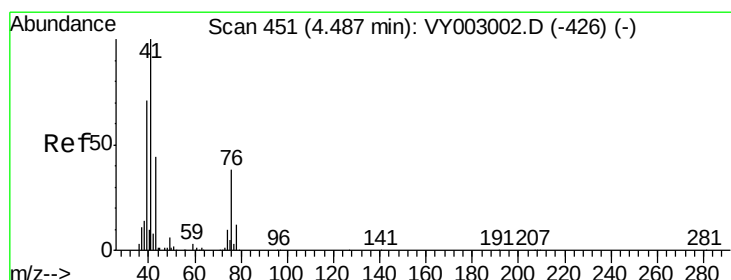
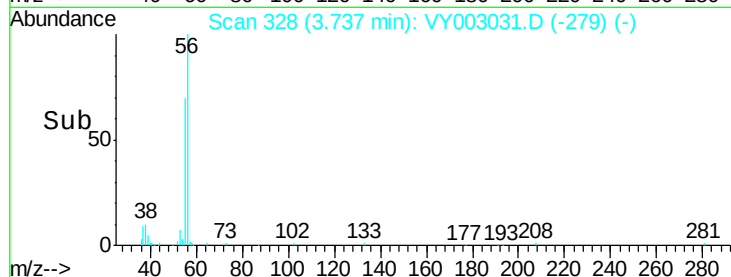
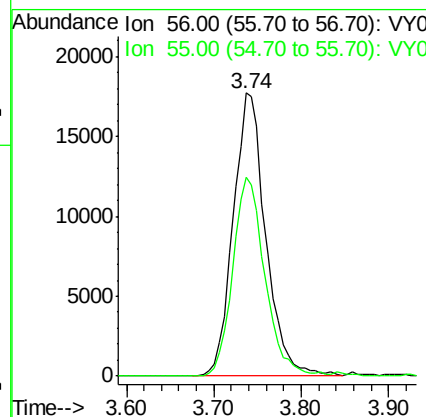
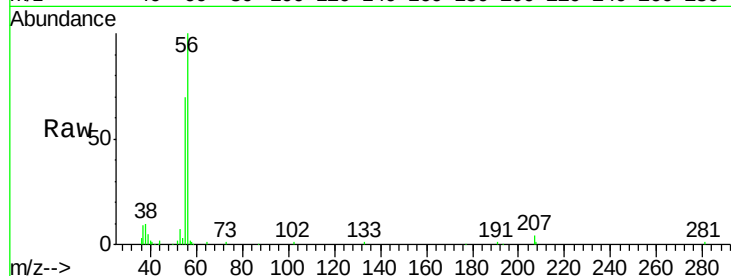
#13
 Acrolein
 Concen: 94.851 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	56	Resp	45797
Ion Ratio	100	Lower	Upper
55	69.6	56.4	84.6

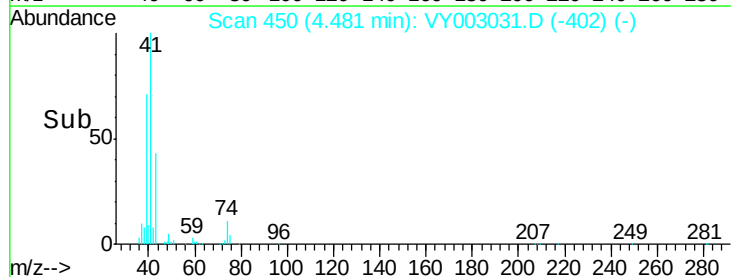
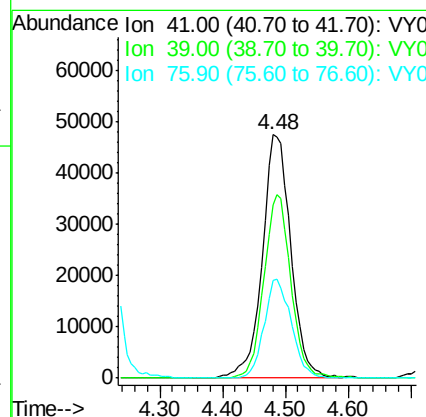
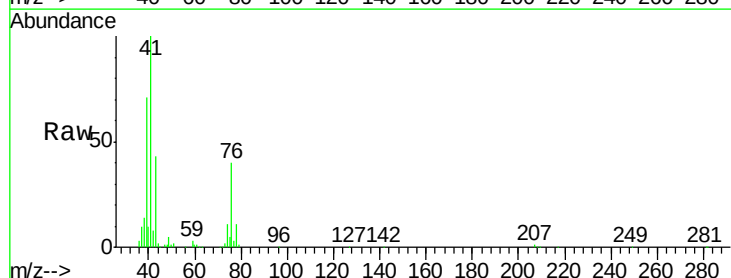
Manual Integrations
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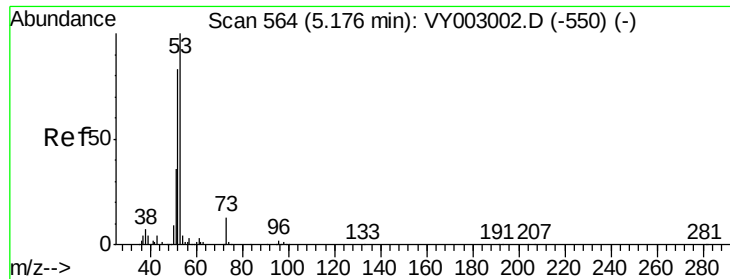
Sam
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#14
 Allyl chloride
 Concen: 18.589 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	41	Resp	149525
Ion Ratio	100	Lower	Upper
39	71.4	55.6	83.4
76	38.8	28.6	43.0





#15

Acrylonitrile

Concen: 94.860 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

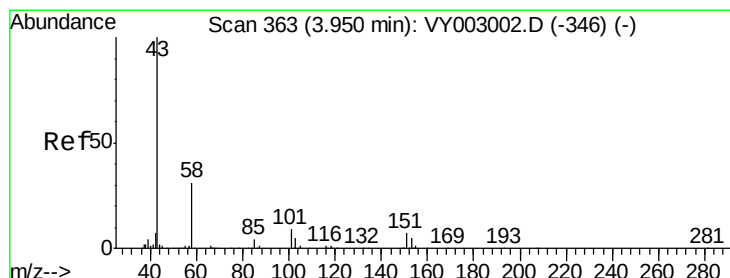
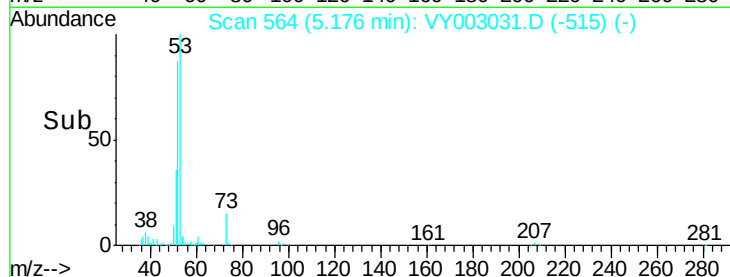
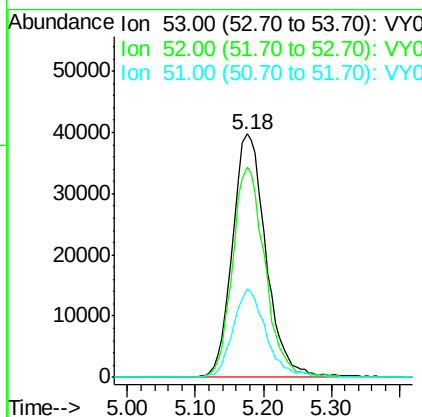
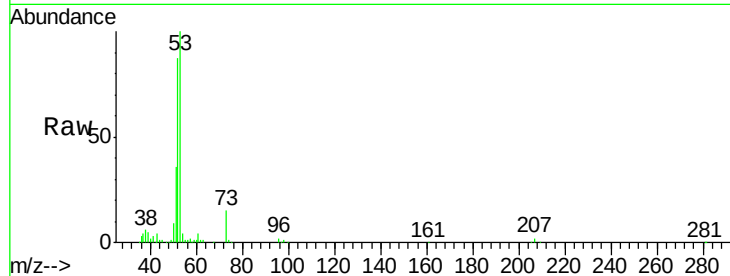
ClientSampleId :

VY0630SBS01

Tot Ion:	53	Resp:	135912
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	35.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 88.241 ug/l

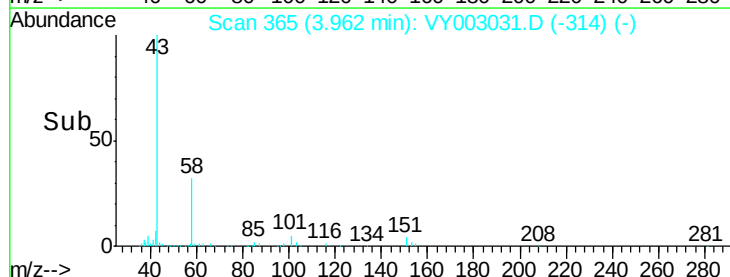
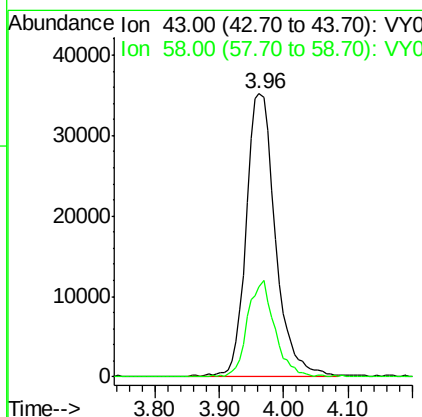
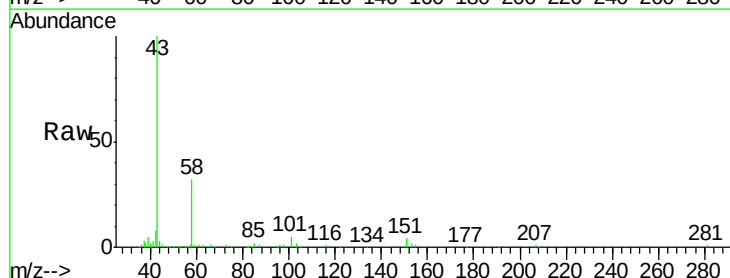
RT: 3.96 min Scan# 365

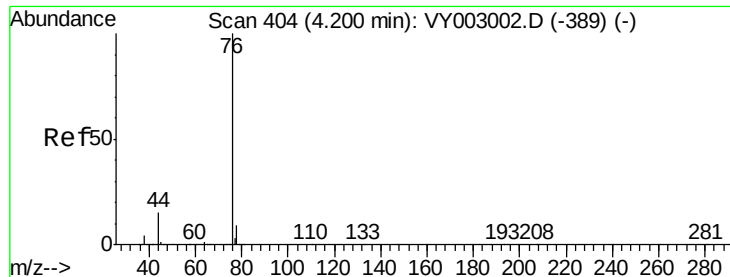
Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	43	Resp:	109781
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.7	37.1





#17

Carbon Disulfide

Concen: 19.665 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 76 Resp: 289467

Ion Ratio Lower Upper

76 100

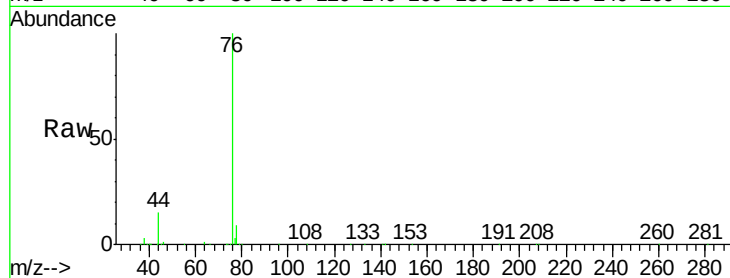
78 9.2 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

120000

100000

80000

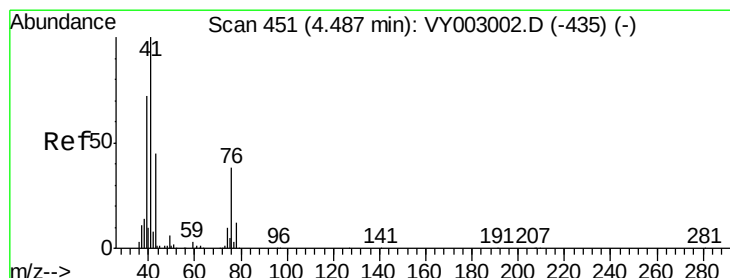
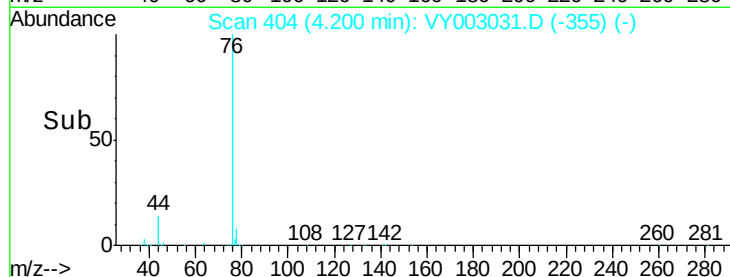
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.482 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003031.D

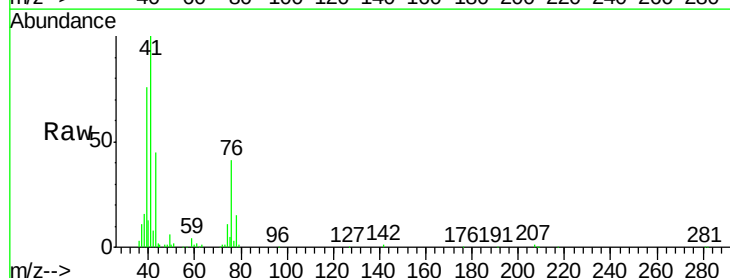
Acq: 30 Jun 2020 12:55

Tgt Ion: 43 Resp: 65301

Ion Ratio Lower Upper

43 100

74 25.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

25000

20000

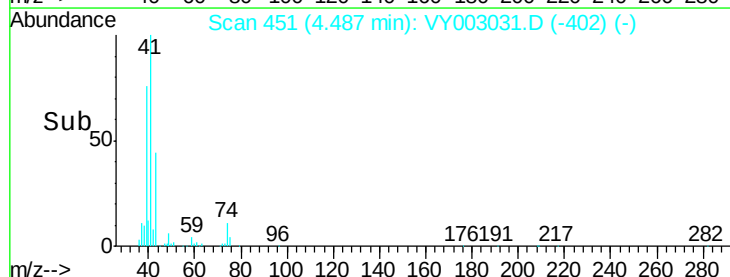
15000

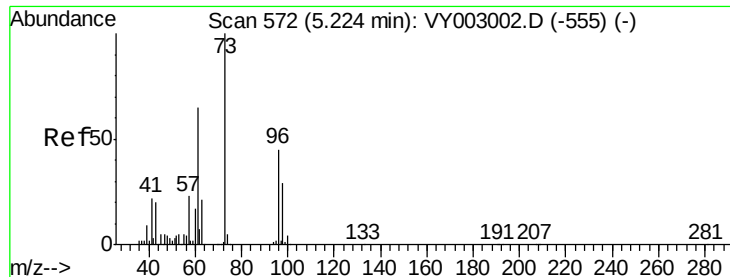
10000

5000

0

Time-->





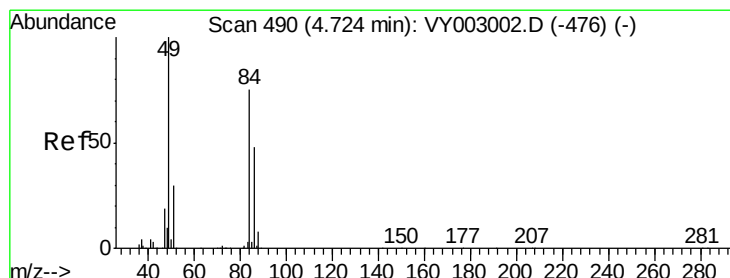
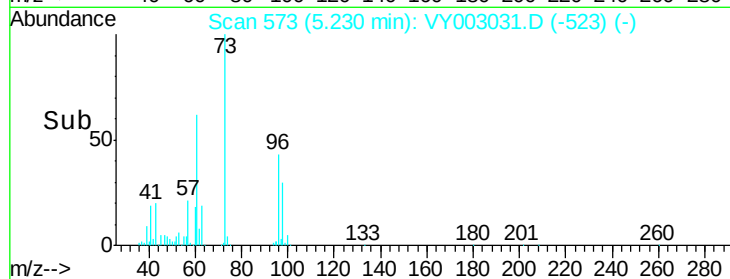
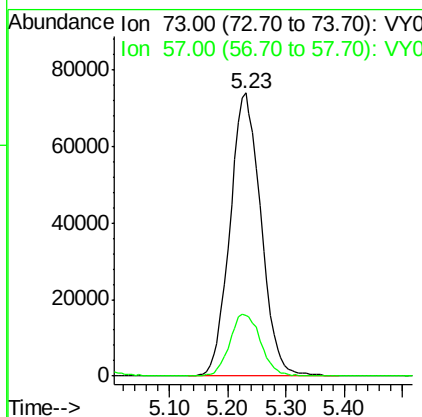
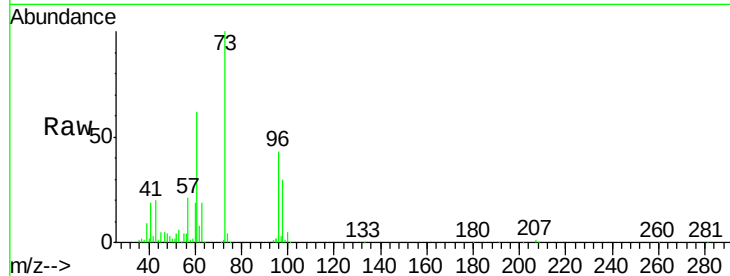
#19
Methyl tert-butyl Ether
Concen: 20.238 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.2	27.2

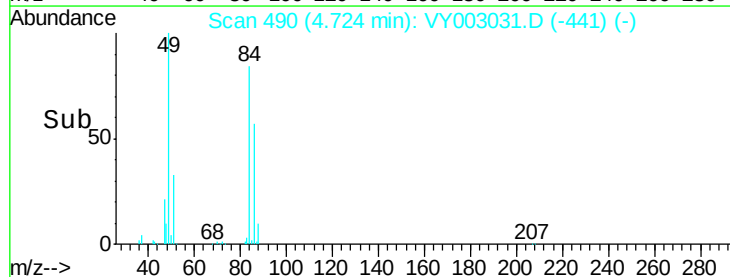
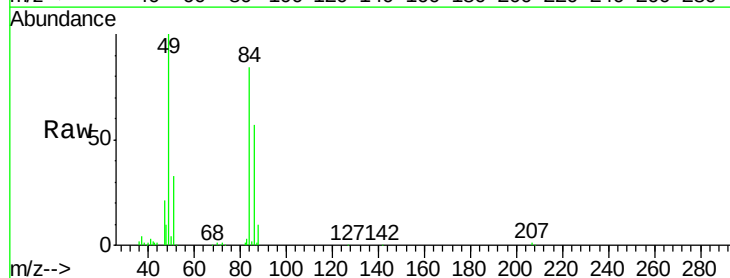
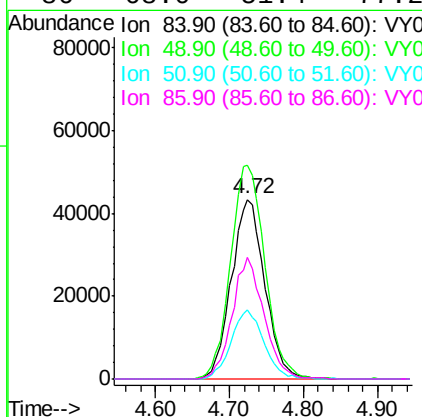
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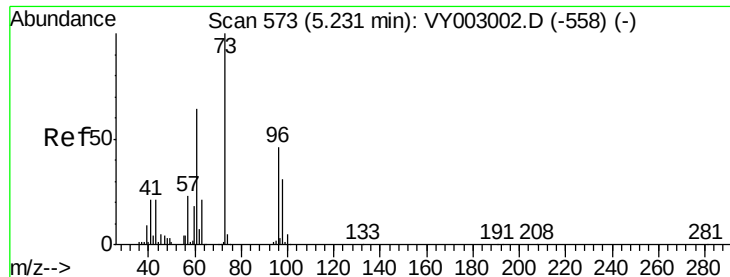
Sam
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#20
Methylene Chloride
Concen: 20.529 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.2	106.8	160.2
51	38.7	32.0	48.0
86	68.0	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.515 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 96 Resp: 106908

Ion Ratio Lower Upper

96 100

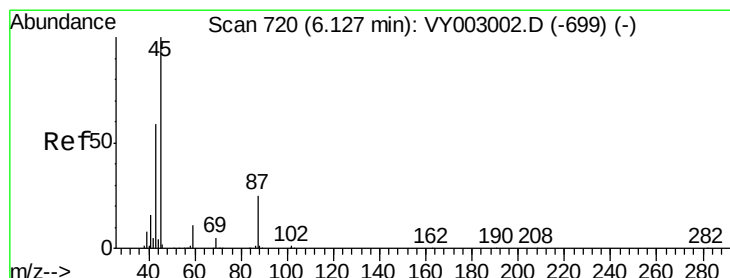
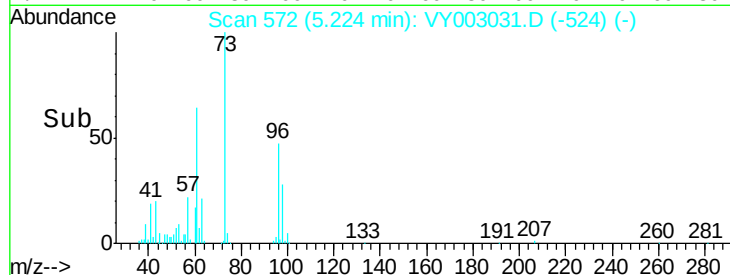
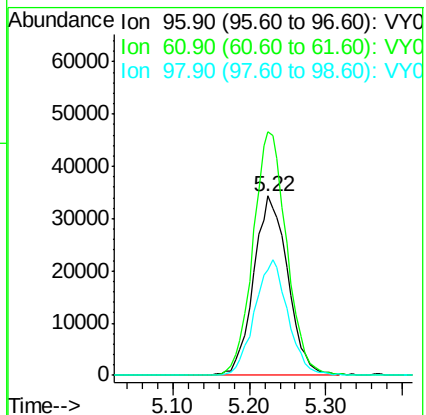
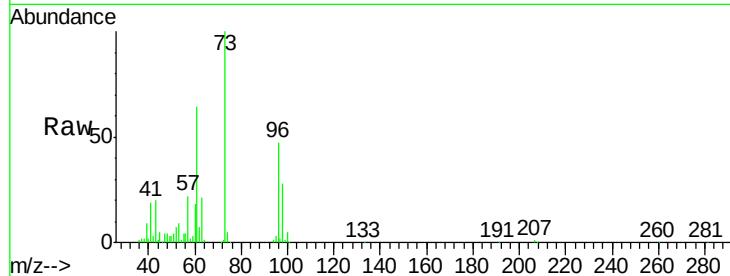
61 135.6 112.3 168.5

98 59.1 53.8 80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.620 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion: 45 Resp: 321009

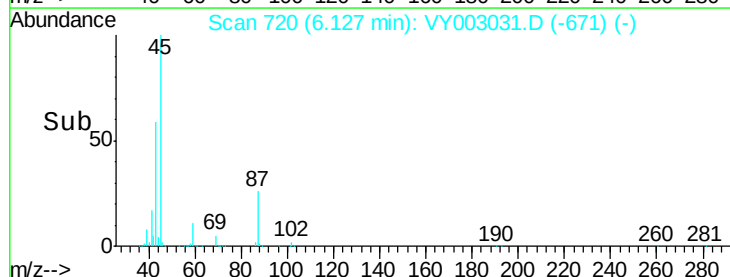
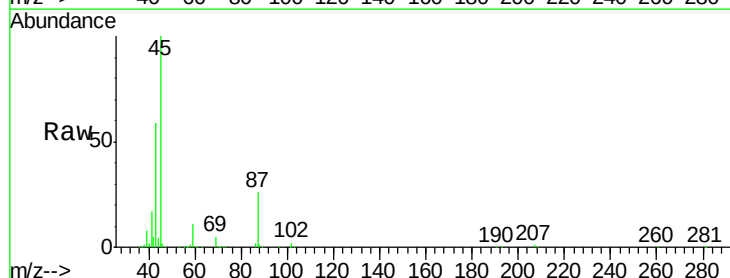
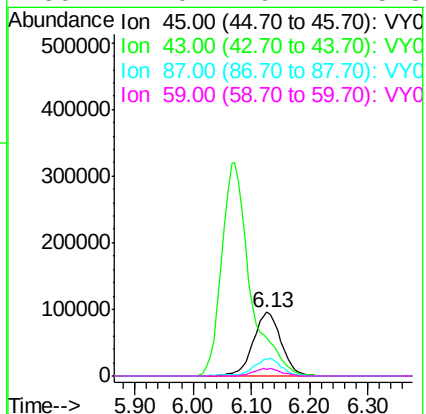
Ion Ratio Lower Upper

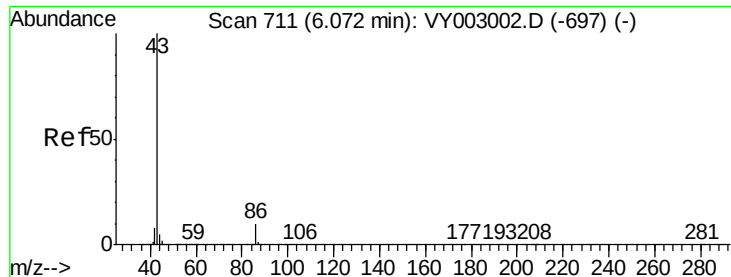
45 100

43 59.5 47.4 71.2

87 25.7 20.2 30.2

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 93.746 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tot Ion: 43 Resp: 1080531

Ion Ratio Lower Upper

43 100

86 11.1 8.1 12.1

Instrument :

MSVOA_Y

ClientSampleId :

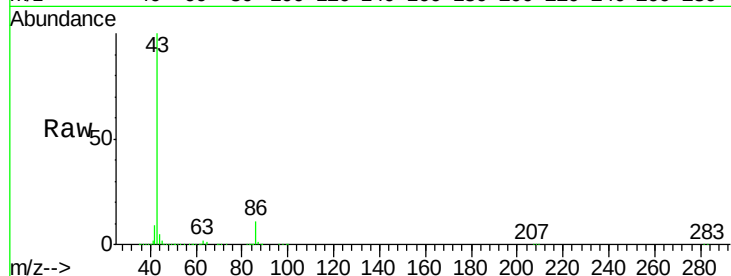
VY0630SBS01

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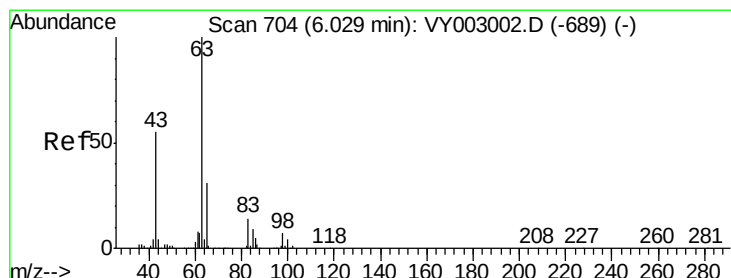
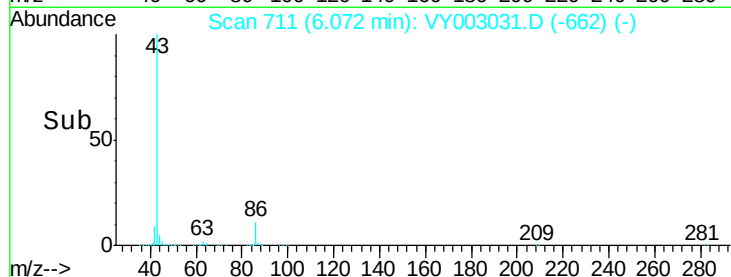
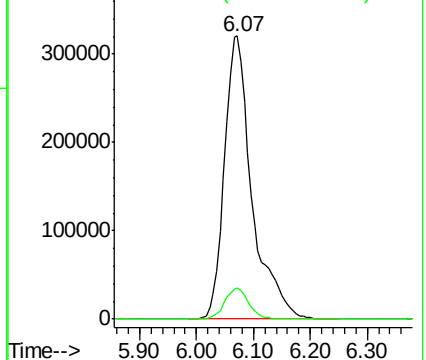
sam

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.607 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

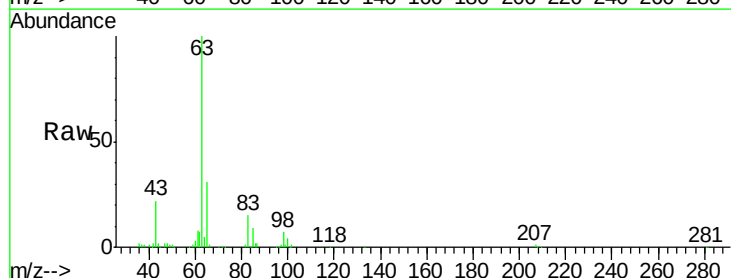
Tgt Ion: 63 Resp: 184649

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

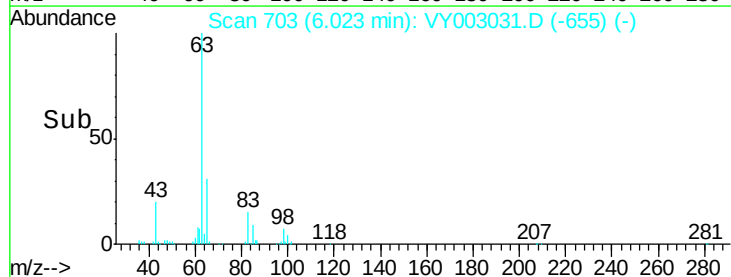
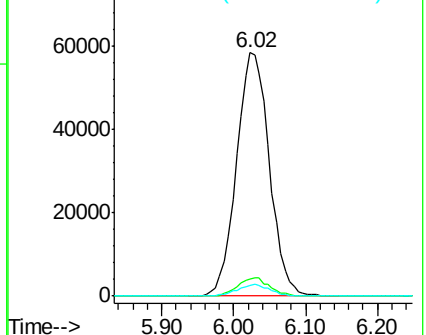
100 4.1 2.3 6.8

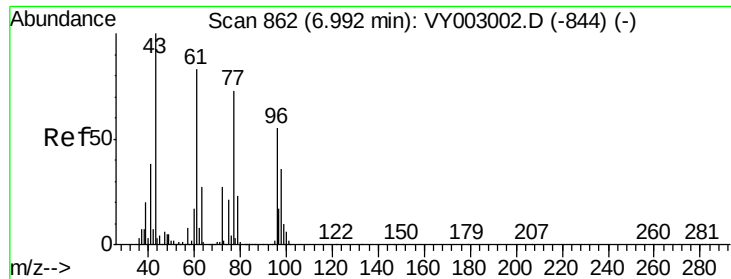


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.636 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 43 Resp: 183074

Ion Ratio Lower Upper

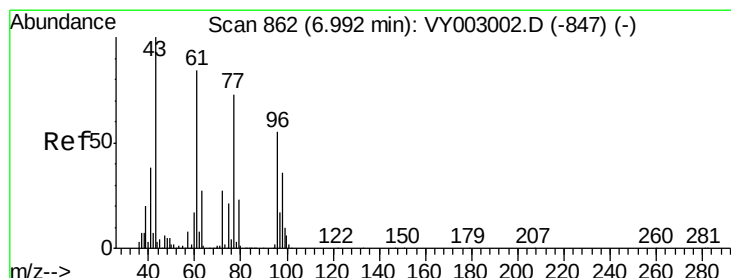
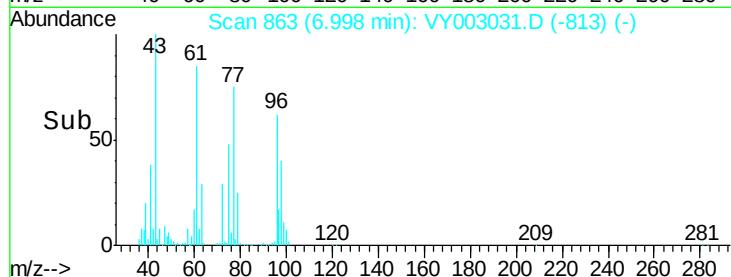
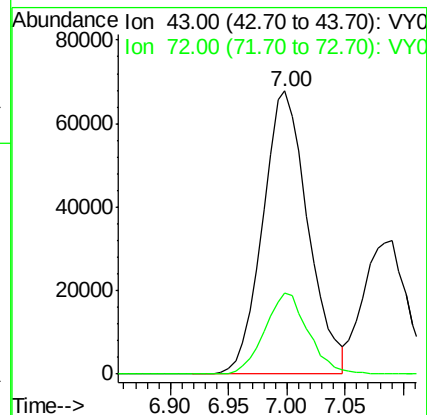
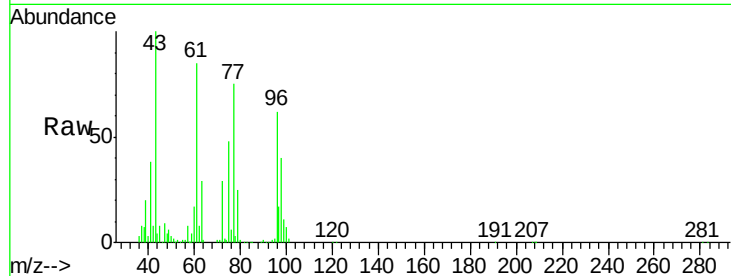
43 100

72 28.9 21.4 32.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.112 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003031.D

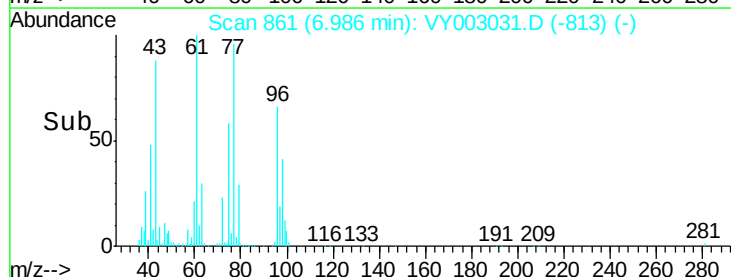
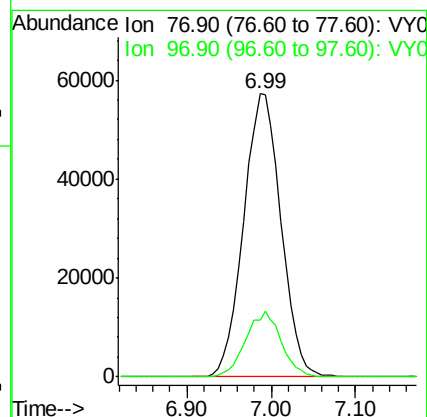
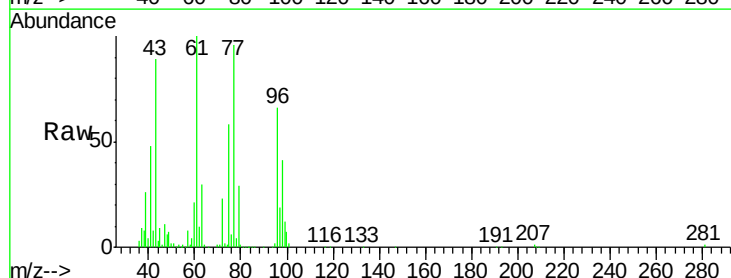
Acq: 30 Jun 2020 12:55

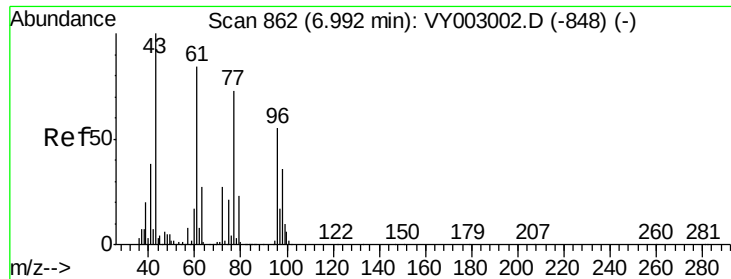
Tgt Ion: 77 Resp: 172087

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9





#27

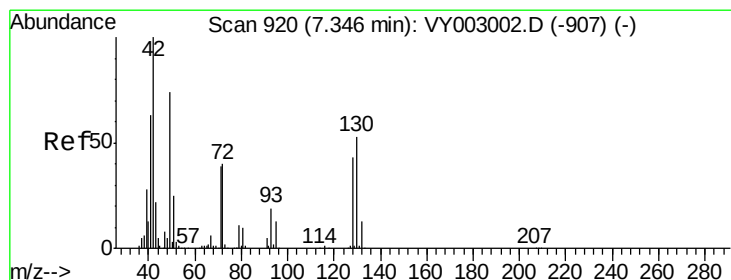
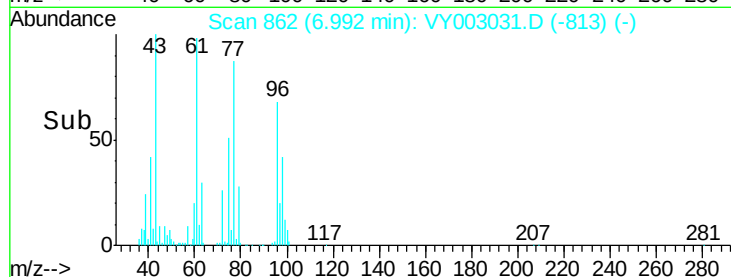
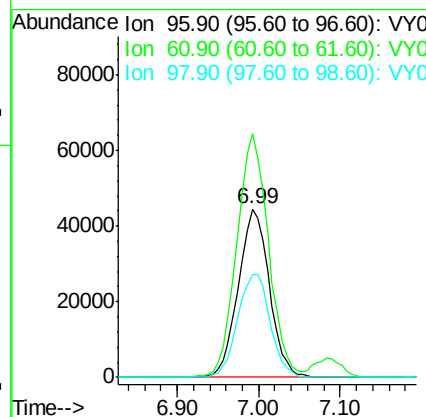
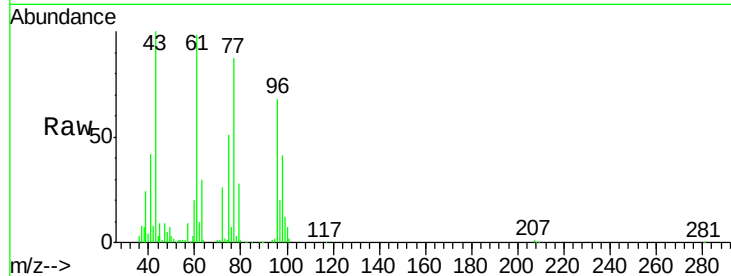
cis-1,2-Dichloroethene
Concen: 20.047 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117176		
61	147.4	0.0	301.2	
98	64.3	0.0	129.0	

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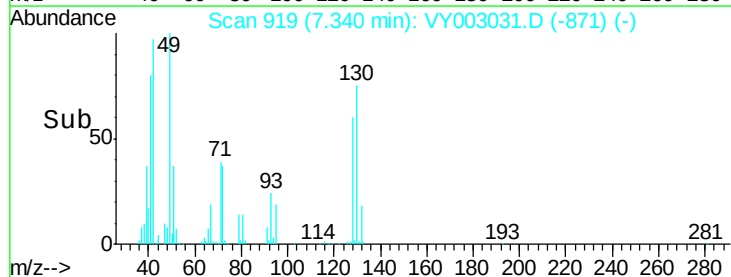
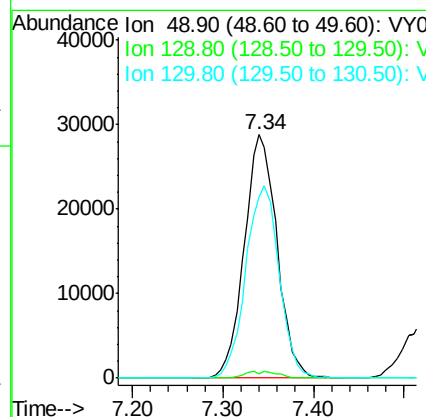
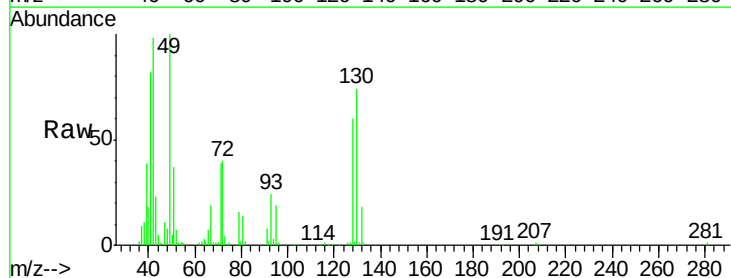
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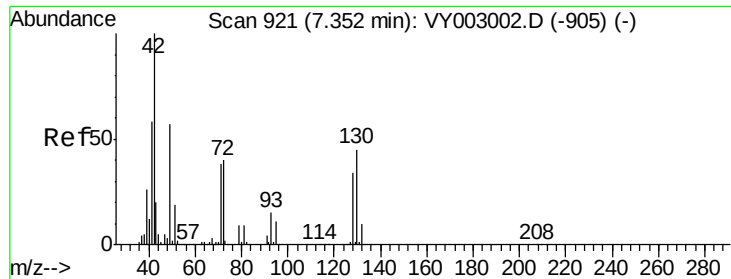


#28

Bromochloromethane
Concen: 17.170 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71949		
129	1.4	0.0	4.4	
130	80.5	57.0	85.6	





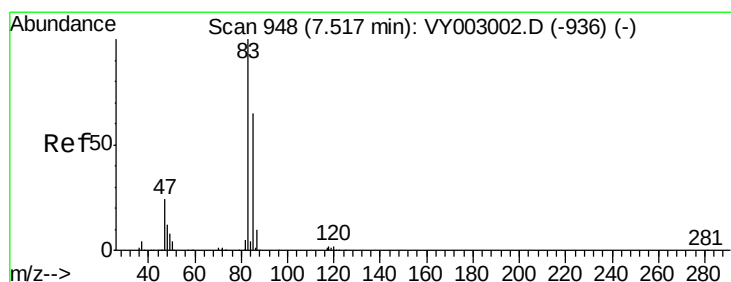
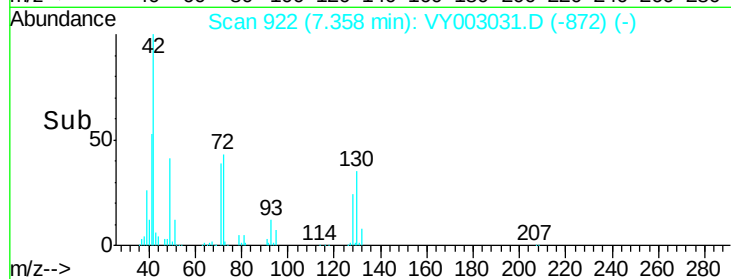
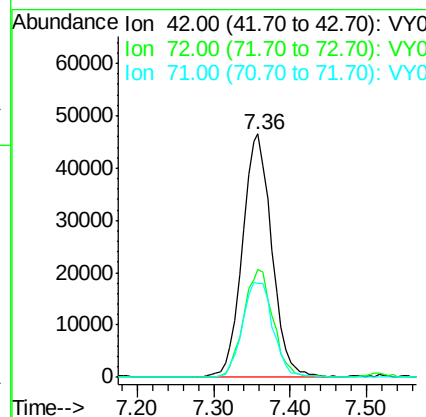
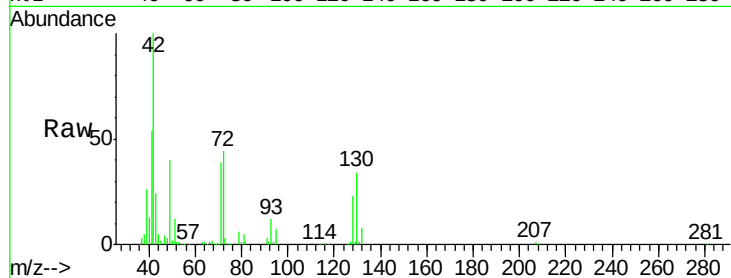
#29
Tetrahydrofuran
Concen: 94.660 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	32.9	49.3
71	40.6	31.2	46.8

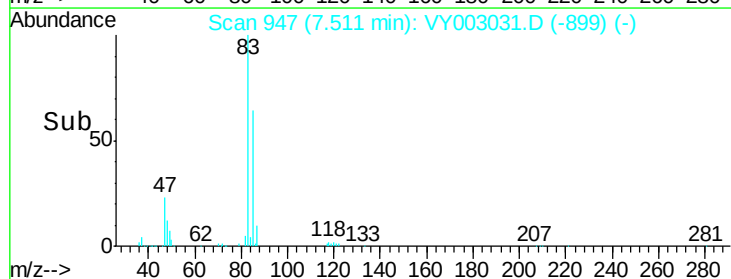
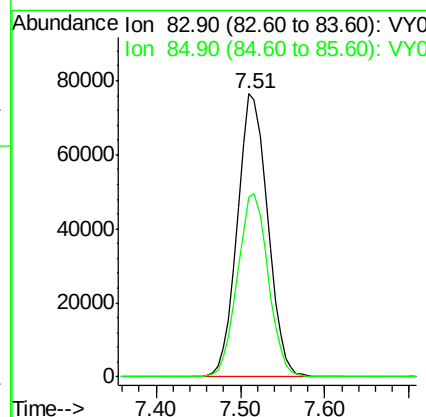
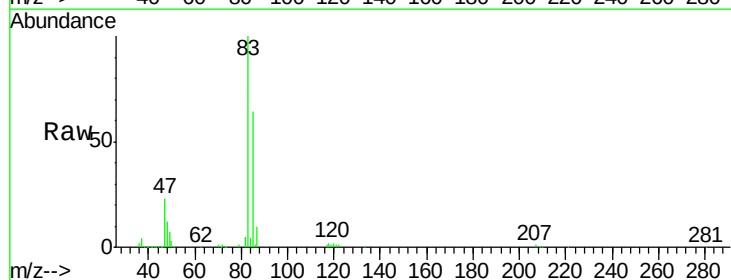
Manual Integrations
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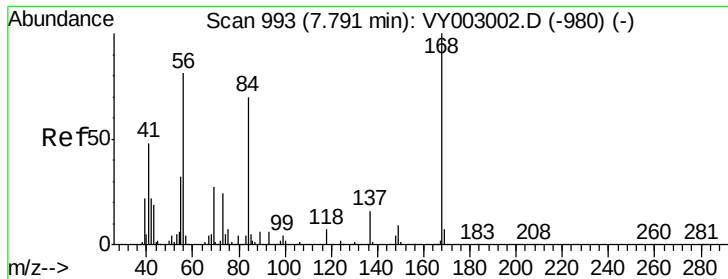
sam
7/1/2020 10:11:32 PM



#30
Chloroform
Concen: 19.942 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.7	77.5





#31

Cyclohexane

Concen: 19.190 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

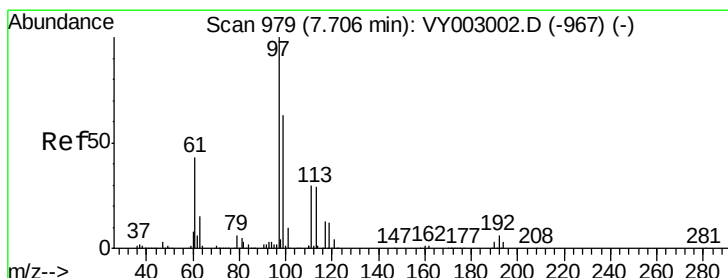
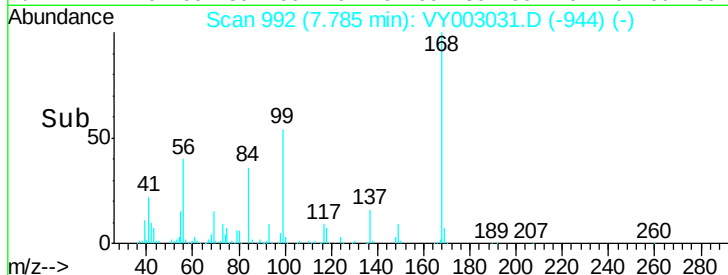
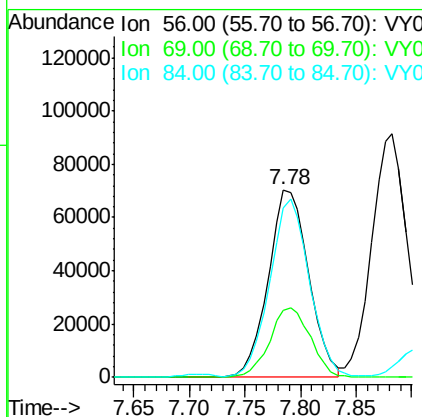
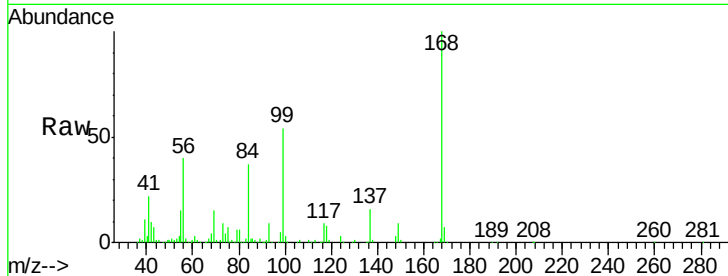
VY0630SBS01

Tot Ion:	56	Resp:	178039
Ion	Ratio	Lower	Upper
56	100		
69	35.8	27.0	40.4
84	89.1	68.1	102.1

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#32

1,1,1-Trichloroethane

Concen: 20.165 ug/l

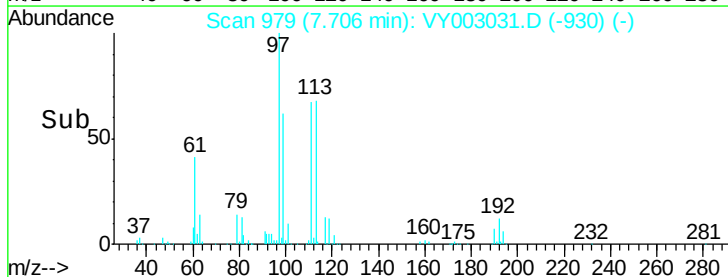
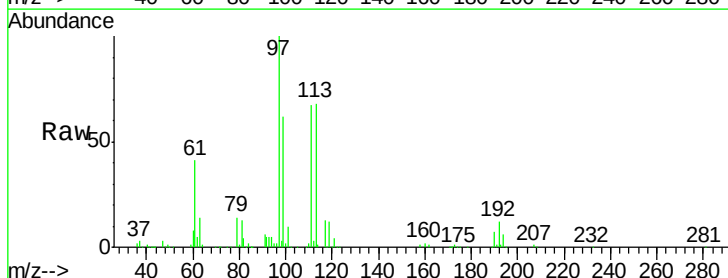
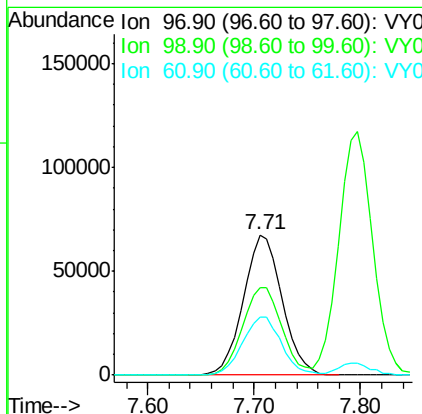
RT: 7.71 min Scan# 979

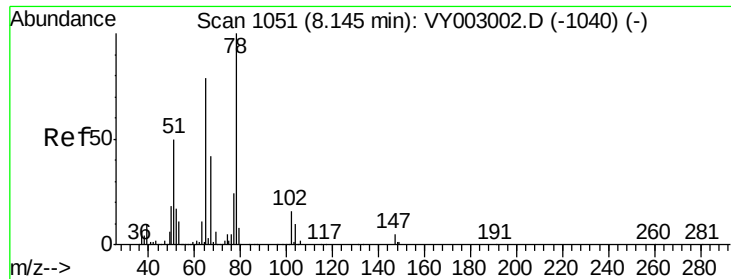
Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	97	Resp:	171732
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	42.1	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 45.644 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 65 Resp: 240772

Ion Ratio Lower Upper

65 100

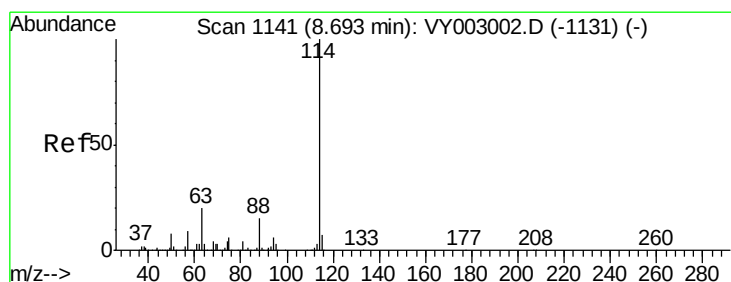
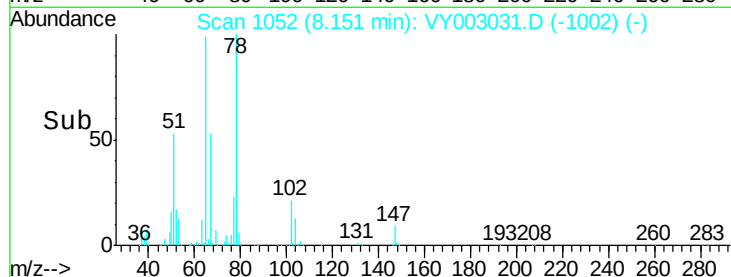
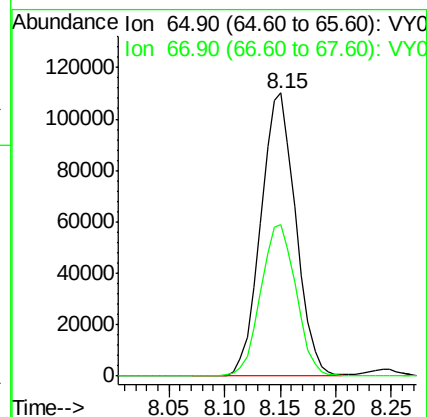
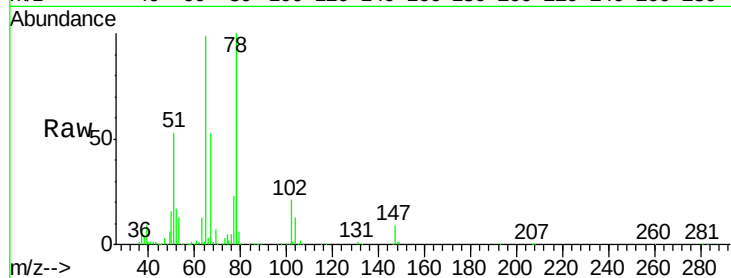
67 54.2 0.0 105.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

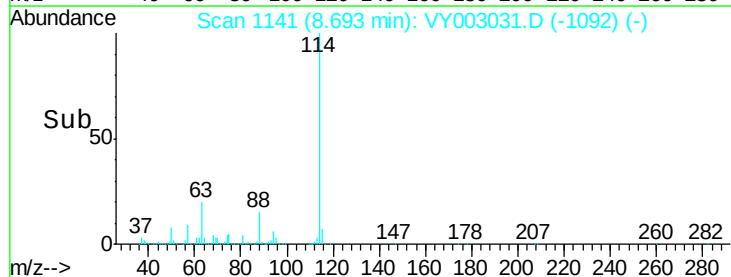
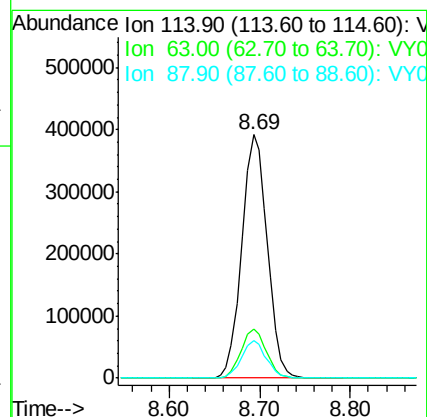
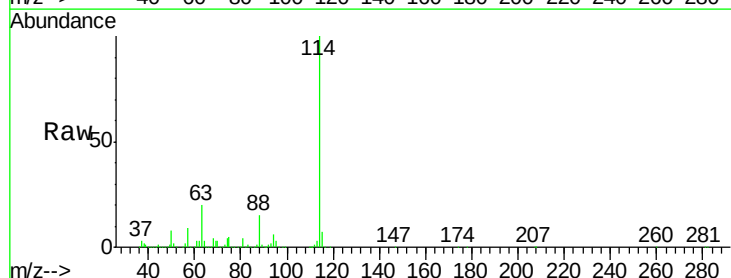
Tgt Ion: 114 Resp: 760967

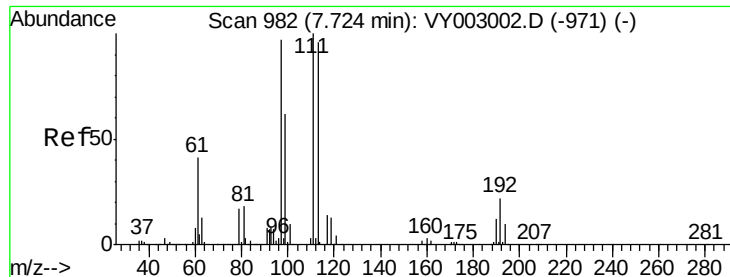
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.2 0.0 30.0





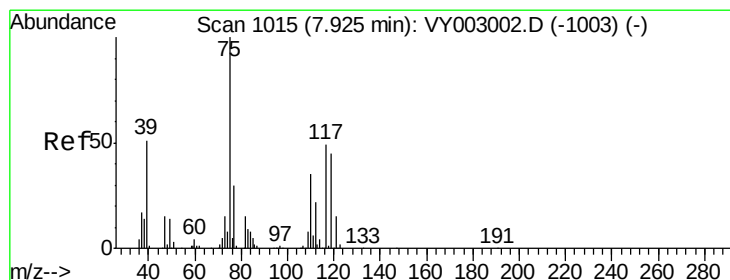
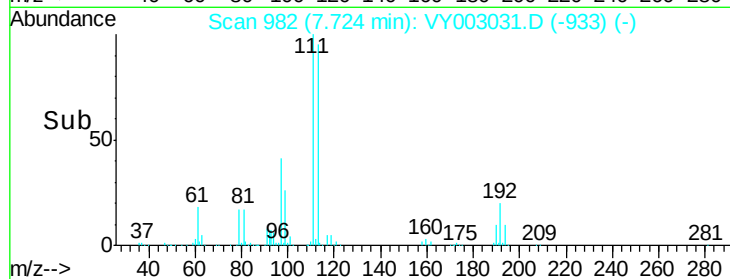
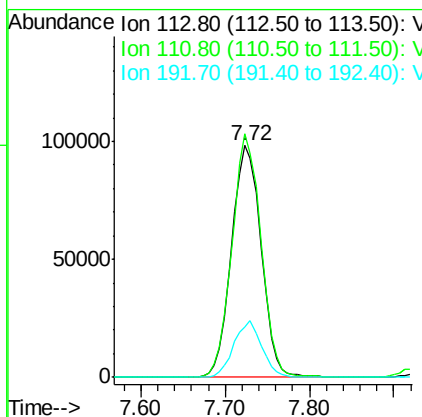
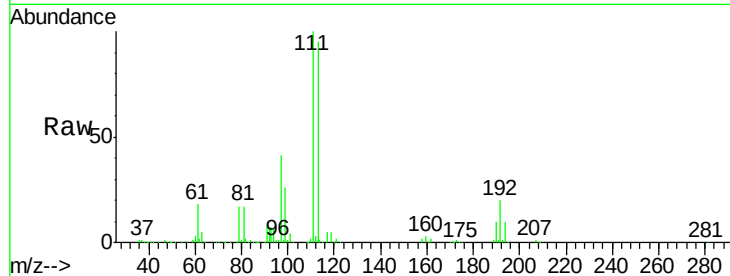
#35
 Dibromofluoromethane
 Concen: 49.206 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233585		
111	102.6		82.6	123.8
192	23.0		18.1	27.1

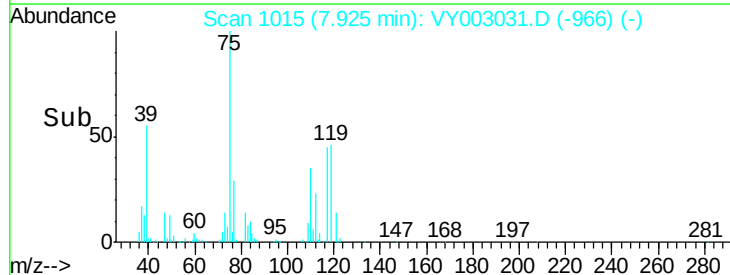
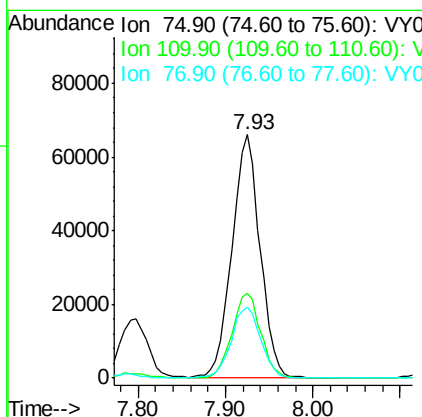
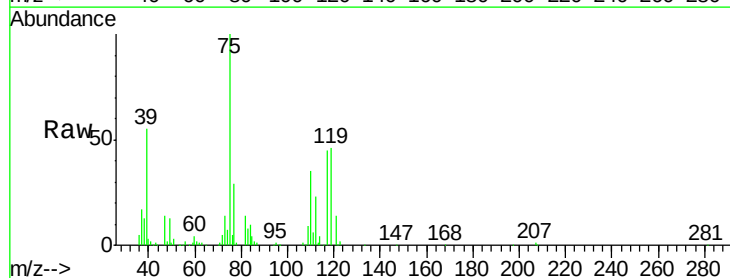
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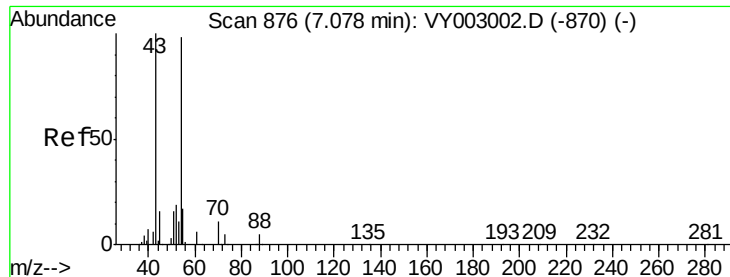
sam
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#36
 1,1-Dichloropropene
 Concen: 20.186 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147961		
110	35.5		17.1	51.2
77	30.8		24.9	37.3





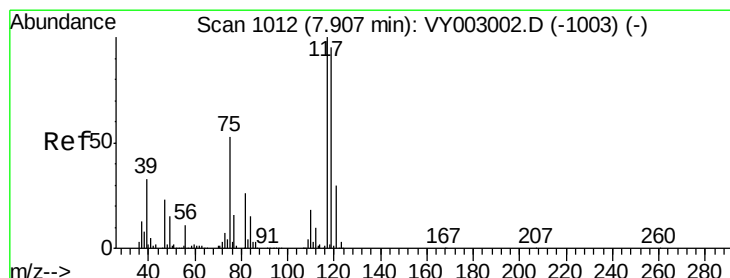
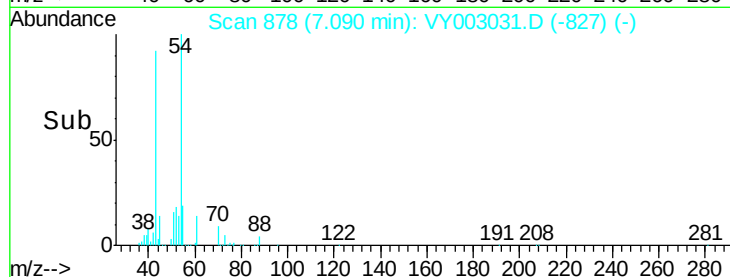
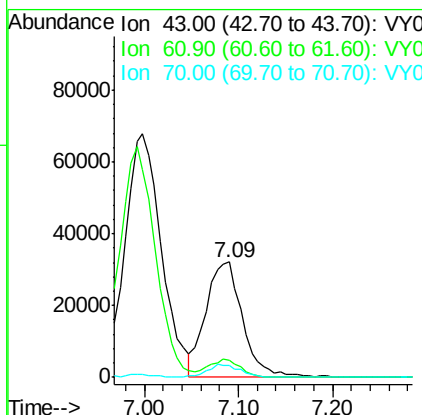
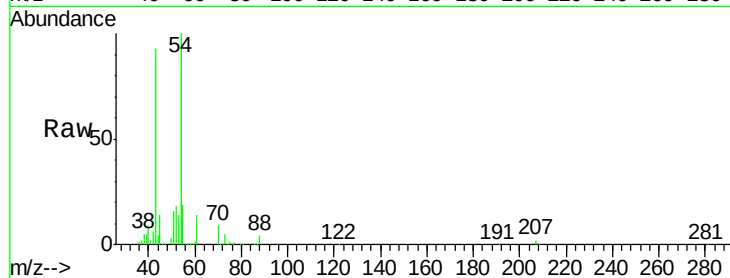
#37
Ethyl Acetate
Concen: 19.528 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.1	7.7	11.5

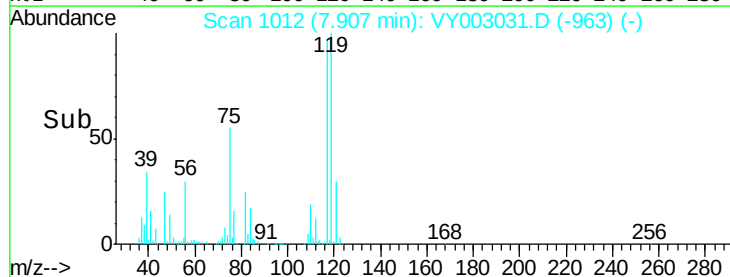
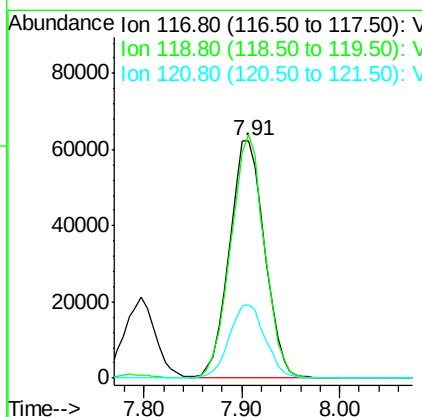
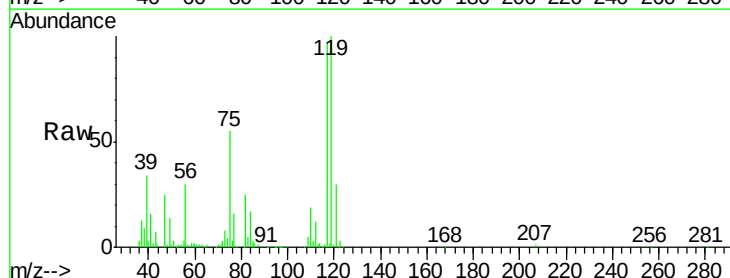
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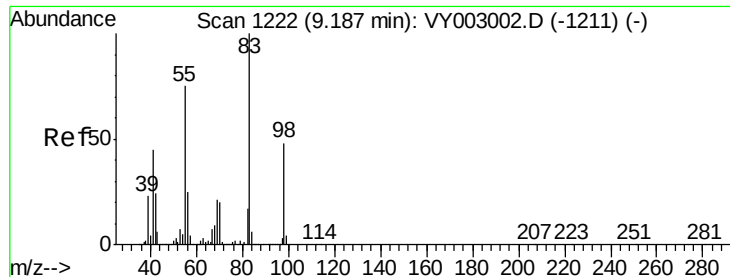
sam
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#38
Carbon Tetrachloride
Concen: 20.476 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.6	75.7	113.5
121	30.8	23.9	35.9





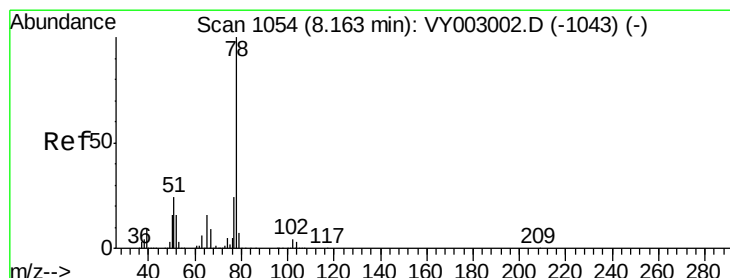
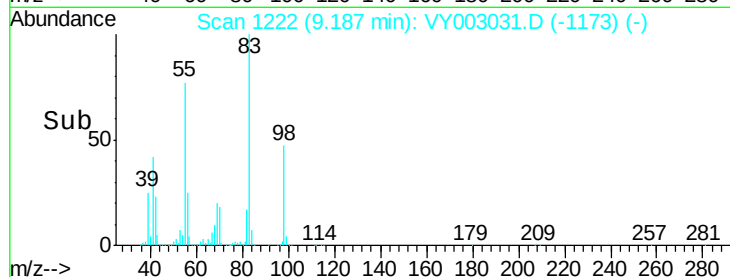
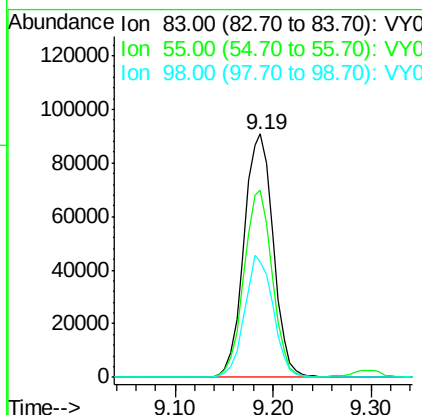
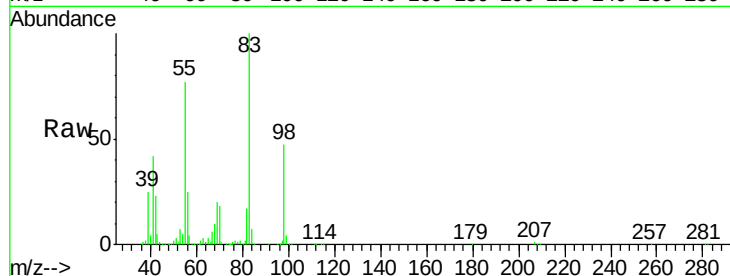
#39
Methylvlcyclohexane
Concen: 20.772 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	59.9	89.9
98	47.2	38.7	58.1

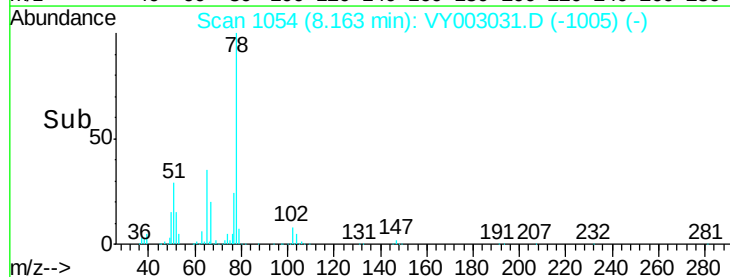
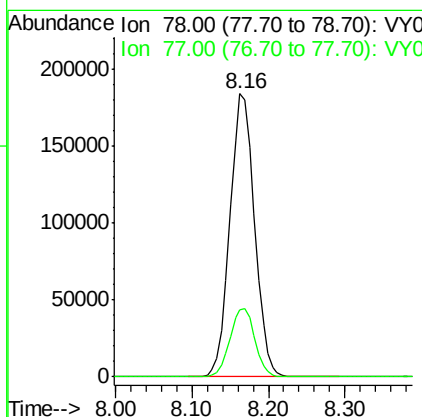
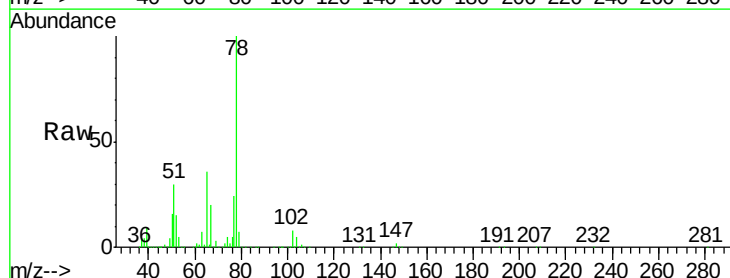
Manual Integrations
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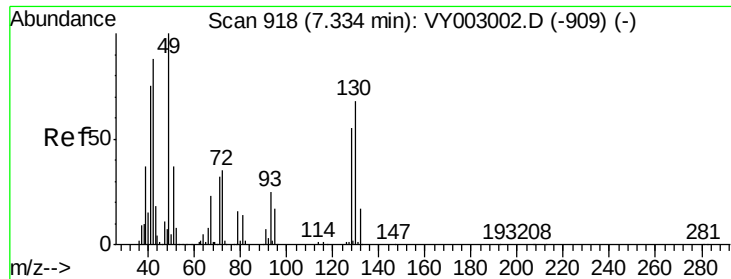
Sam
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#40
Benzene
Concen: 20.363 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





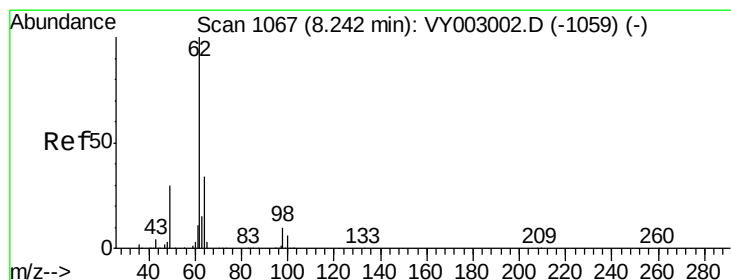
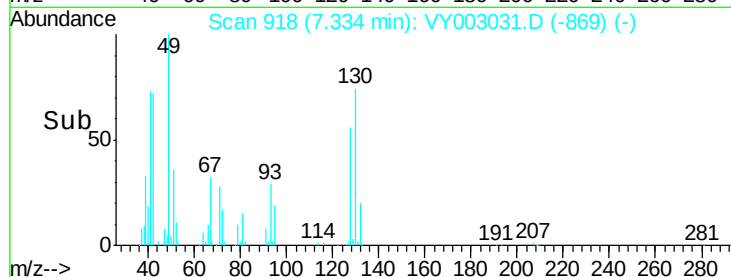
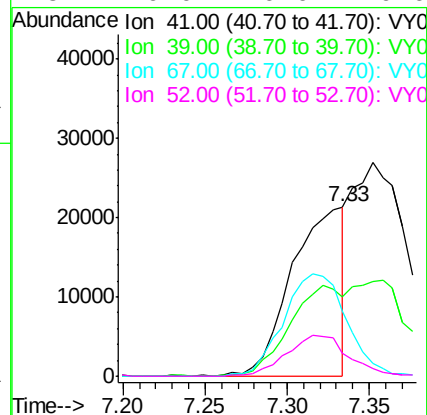
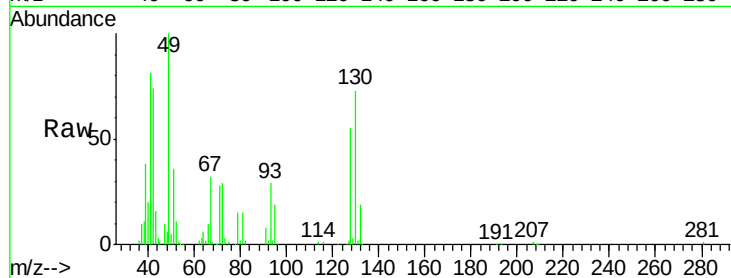
#41
Methacrylonitrile
Concen: 20.417 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	41	Resp	48066
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

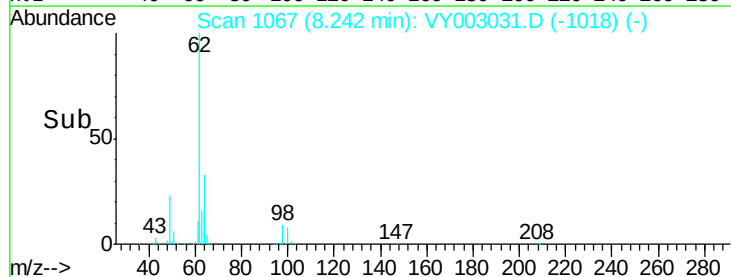
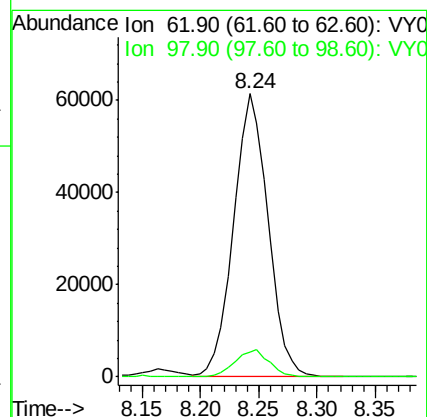
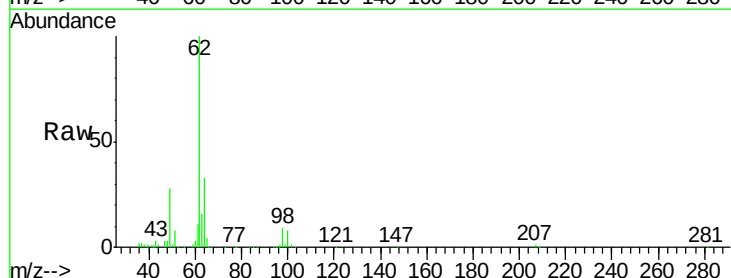
Manual Integrations
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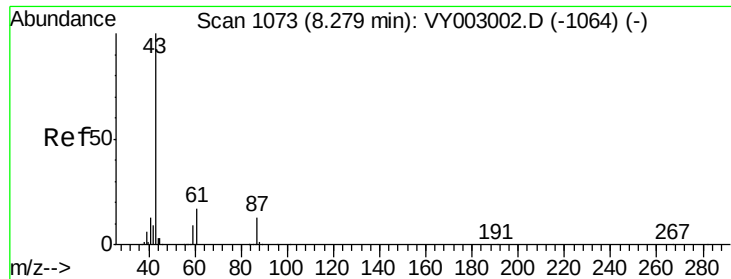
Sam
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#42
1,2-Dichloroethane
Concen: 19.997 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	62	Resp	126948
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.759 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

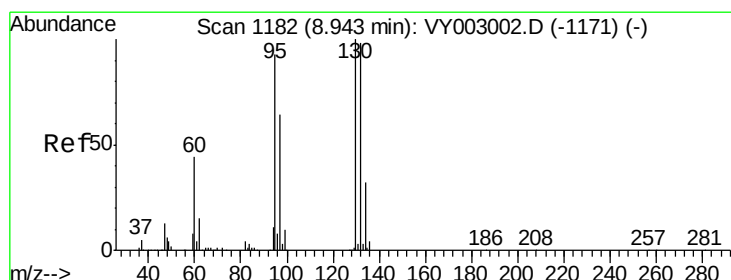
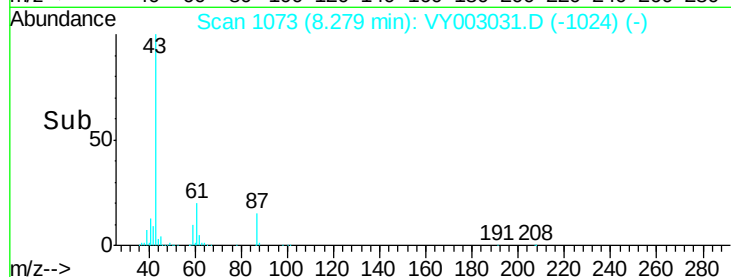
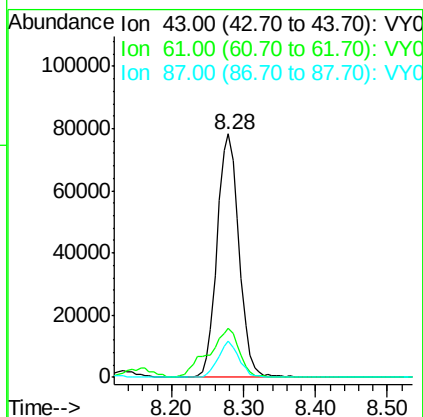
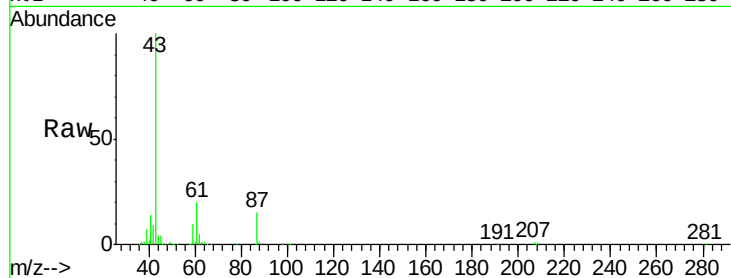
ClientSampleId :

VY0630SBS01

Tot Ion:	43	Resp:	165542
Ion Ratio		Lower	Upper
43	100		
61	28.0	21.8	32.6
87	14.1	10.1	15.1

Manual Integrations
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Sam
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#44

Trichloroethene

Concen: 21.485 ug/l

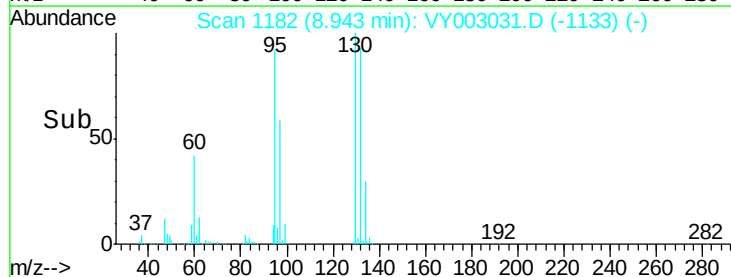
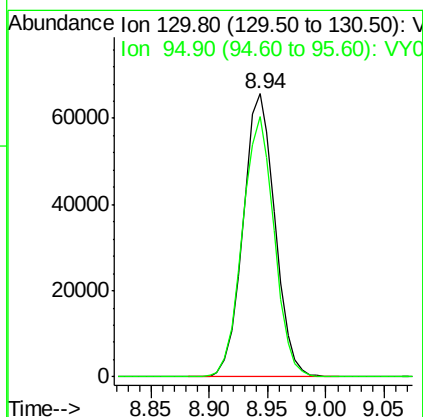
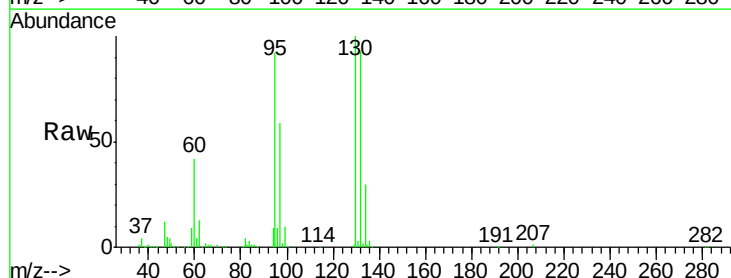
RT: 8.94 min Scan# 1182

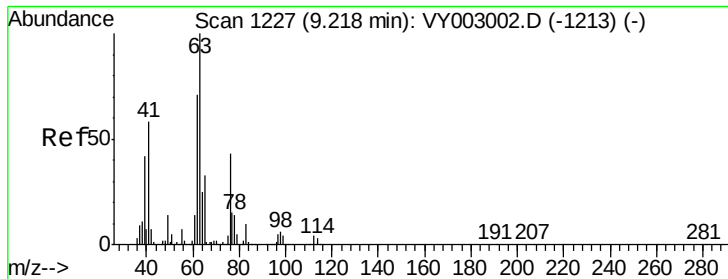
Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	130	Resp:	125317
Ion Ratio		Lower	Upper
130	100		
95	91.8	0.0	186.4





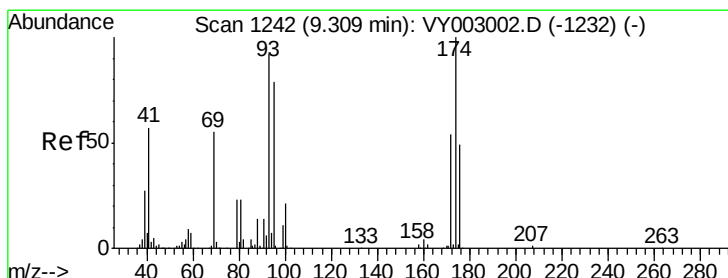
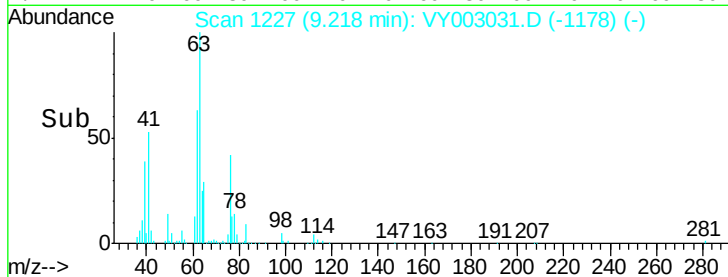
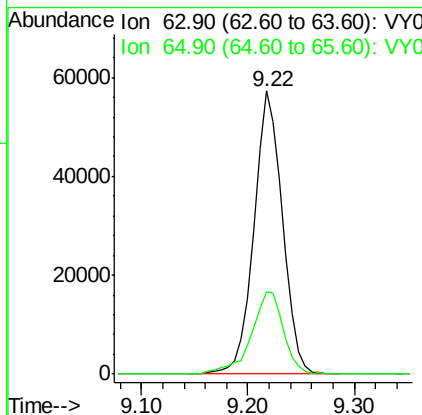
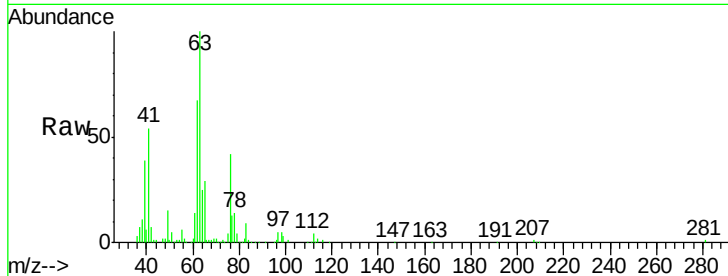
#45
 1,2-Dichloropropane
 Concen: 19.946 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion: 63 Resp: 107685
 Ion Ratio Lower Upper
 63 100
 65 28.8 26.2 39.4

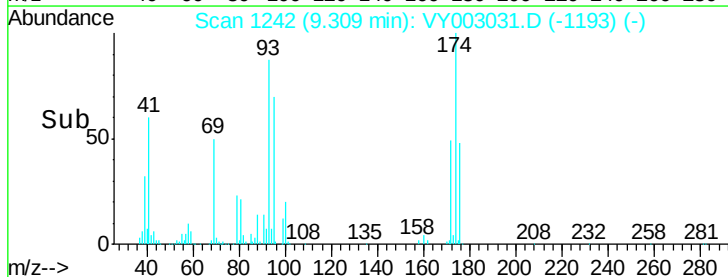
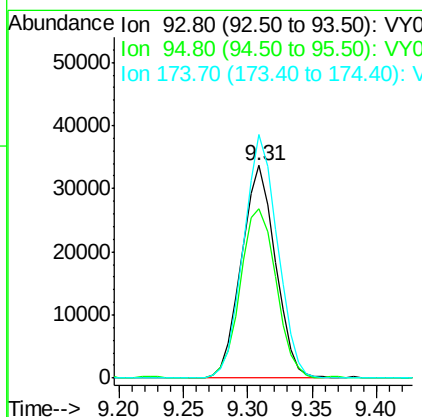
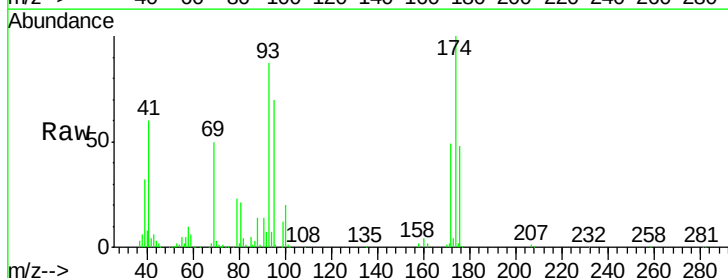
Manual Integrations
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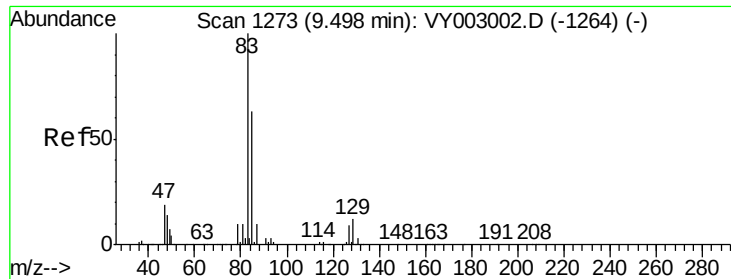
sam
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#46
 Dibromomethane
 Concen: 20.466 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion: 93 Resp: 61711
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.6 101.4
 174 113.9 88.3 132.5





#47

Bromodichloromethane

Concen: 20.299 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

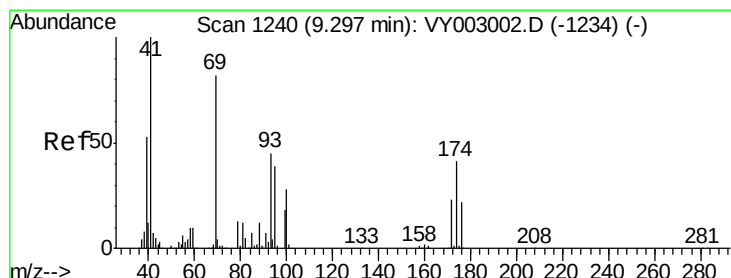
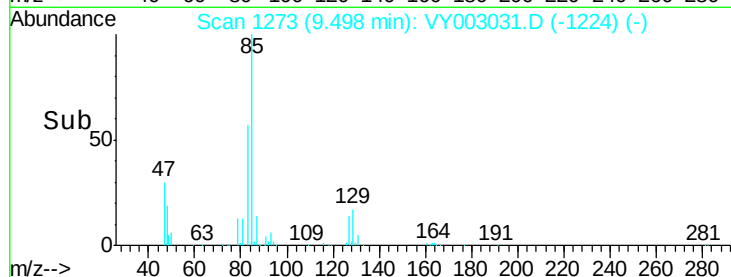
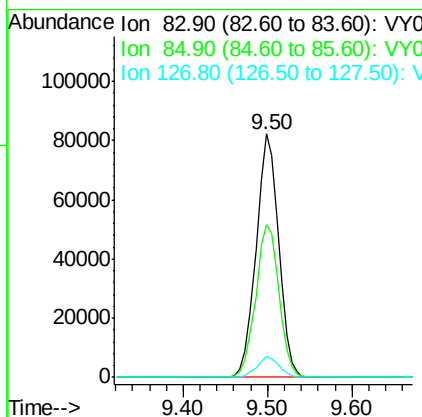
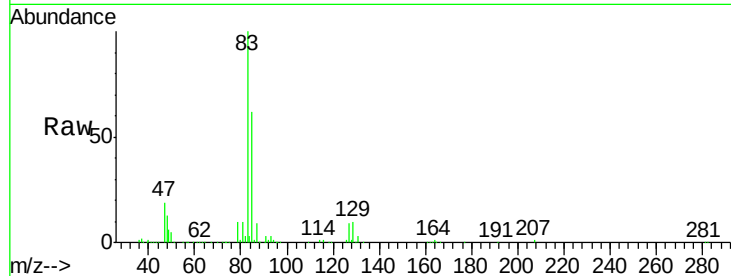
ClientSampleId :

VY0630SBS01

Tot Ion:	83	Resp:	149874
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.5	75.7
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.610 ug/l

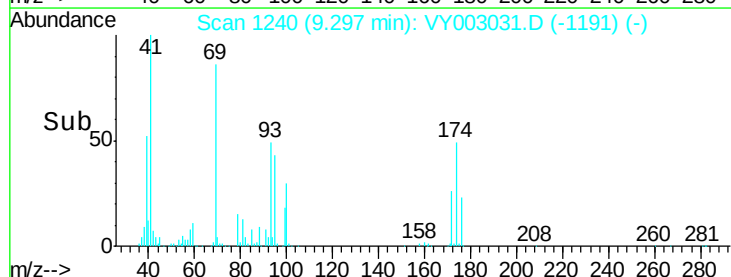
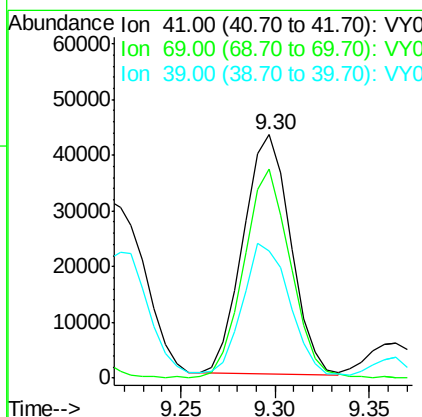
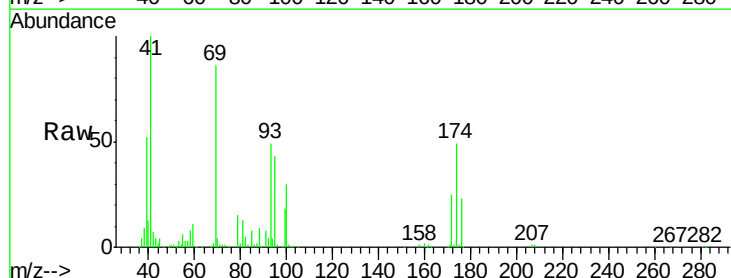
RT: 9.30 min Scan# 1240

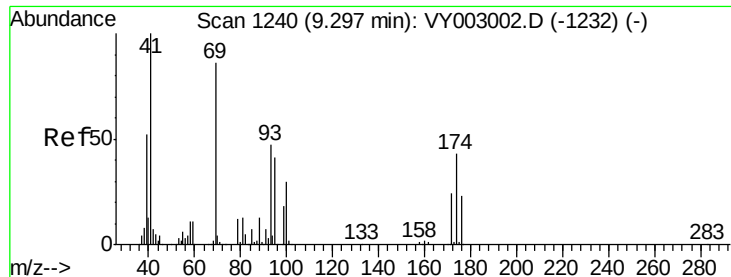
Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	41	Resp:	74783
Ion	Ratio	Lower	Upper
41	100		
69	85.7	67.7	101.5
39	54.2	45.0	67.4





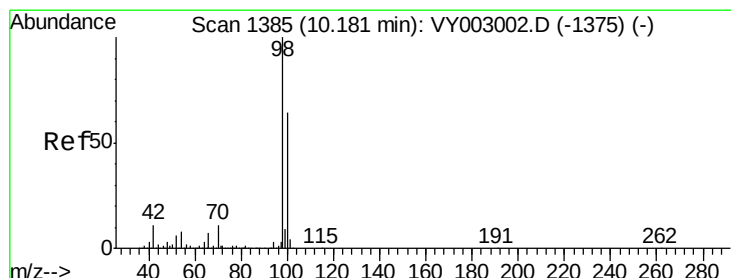
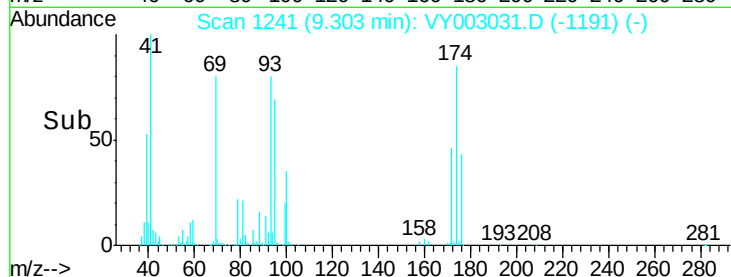
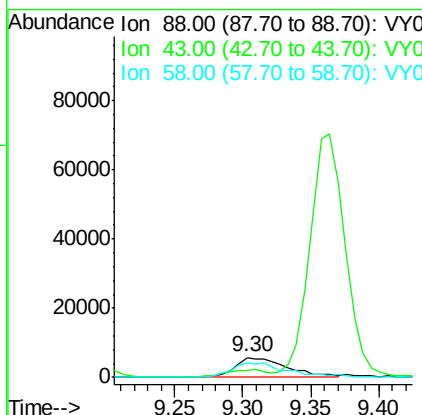
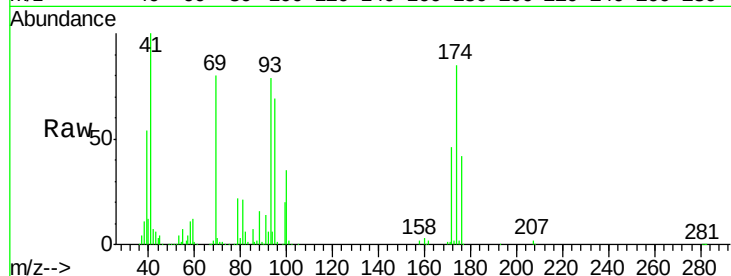
#49
1,4-Dioxane
Concen: 422.294 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	88	Resp	15544
Ion Ratio	Lower	Upper	
88	100		
43	31.4	28.6	42.8
58	79.0	56.7	85.1

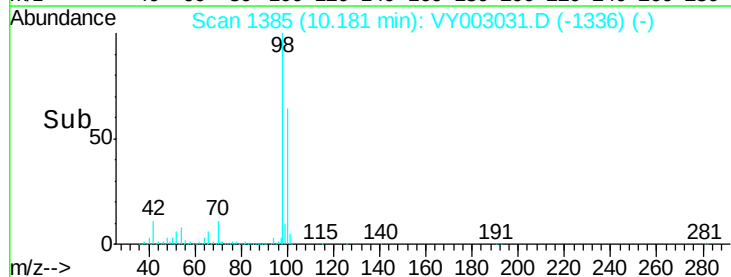
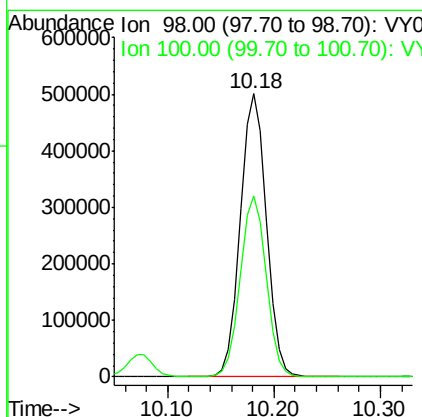
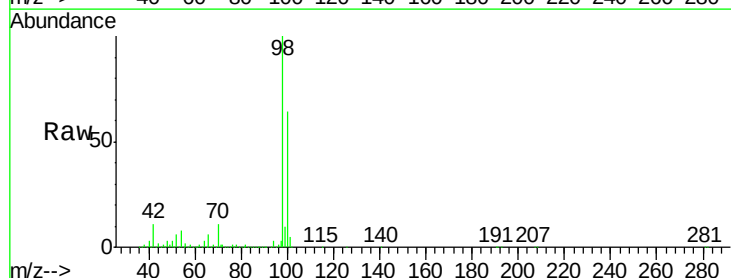
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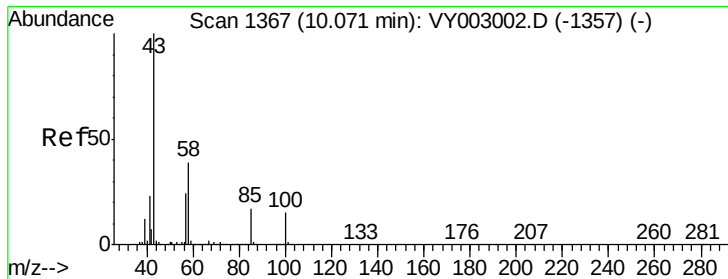
sam
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#50
Toluene-d8
Concen: 48.810 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	98	Resp	863194
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.1	76.7





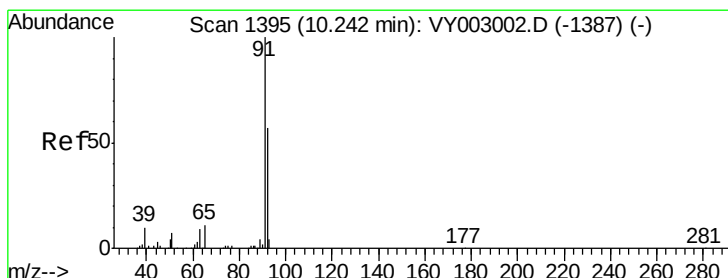
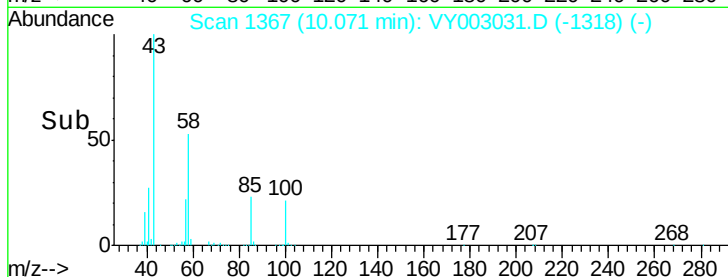
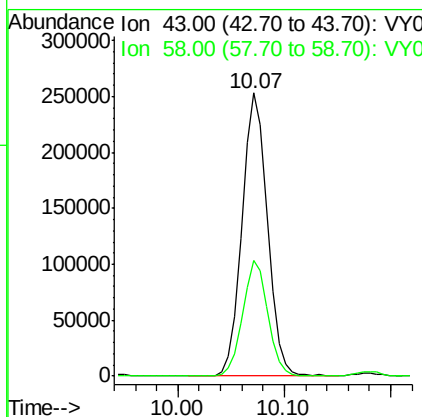
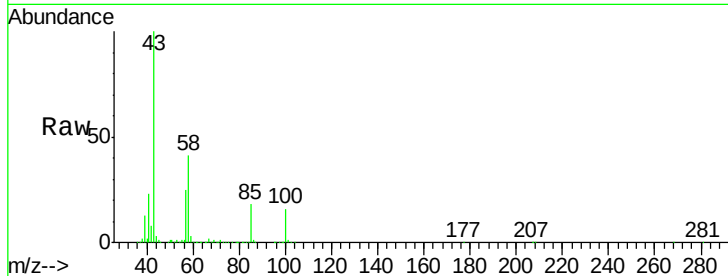
#51
4-Methyl-2-Pentanone
Concen: 98.081 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.1	46.7

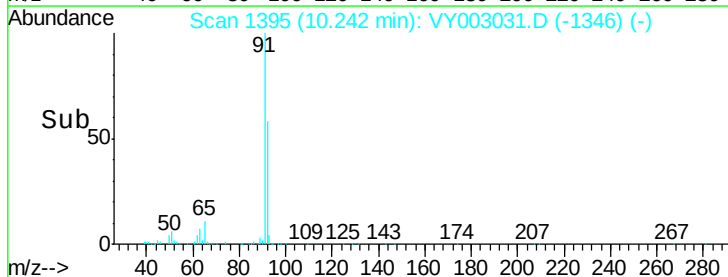
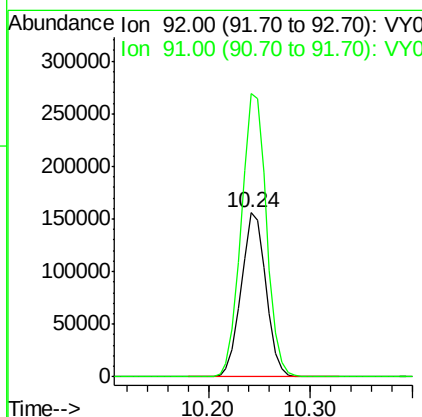
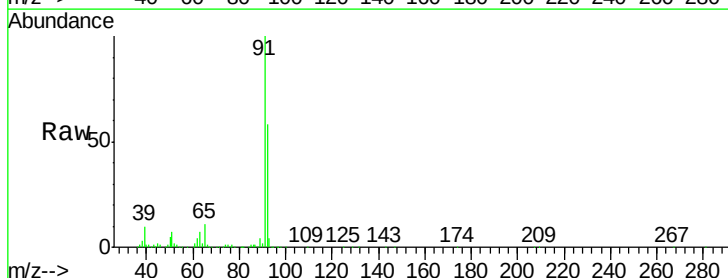
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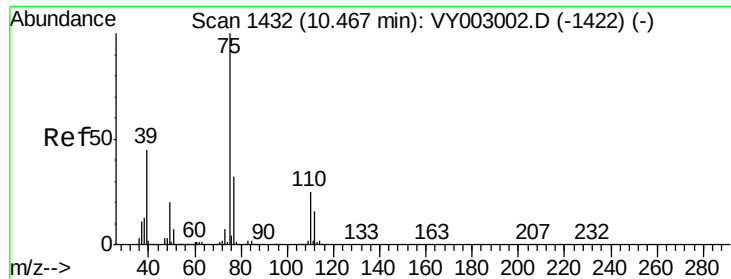
sam
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#52
Toluene
Concen: 20.720 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.2	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 20.021 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 75 Resp: 154985

Ion Ratio Lower Upper

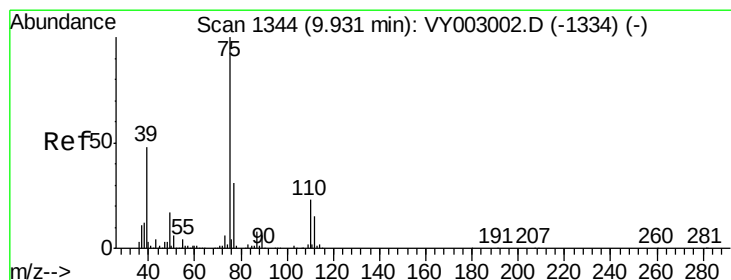
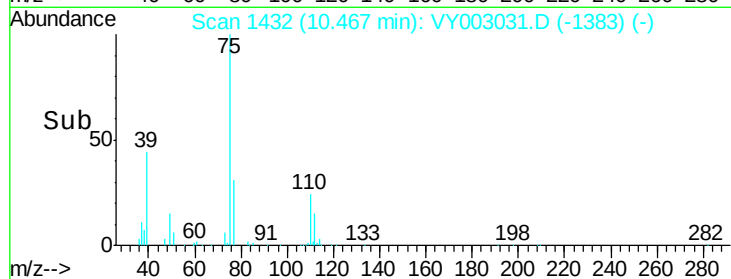
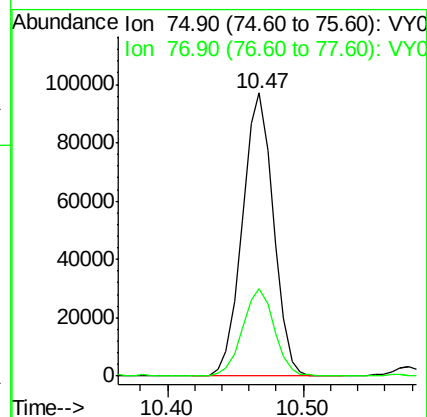
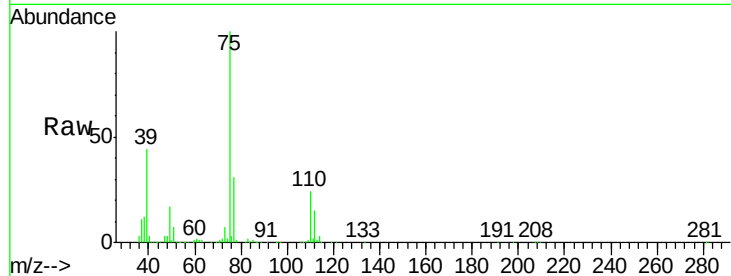
75 100

77 30.6 25.9 38.9

Manual Integrations
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sam

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#54

cis-1,3-Dichloropropene

Concen: 20.076 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

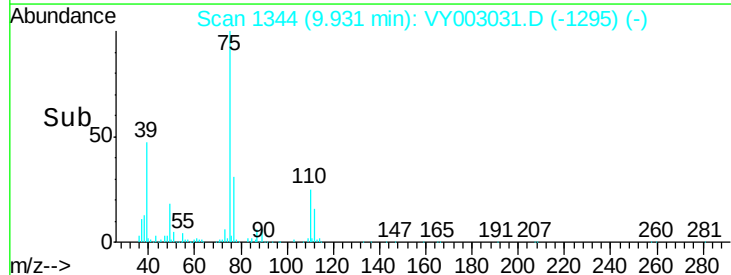
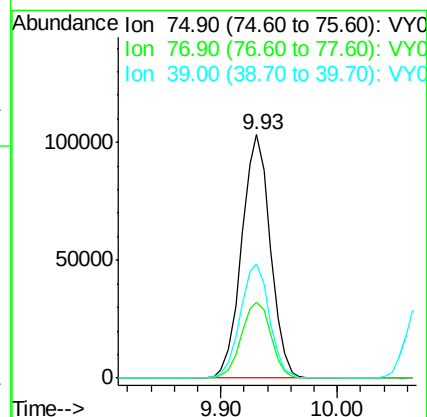
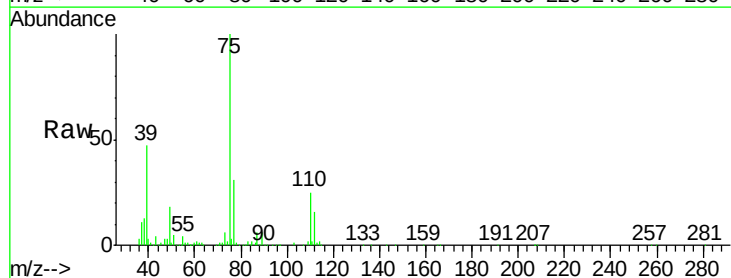
Tgt Ion: 75 Resp: 177732

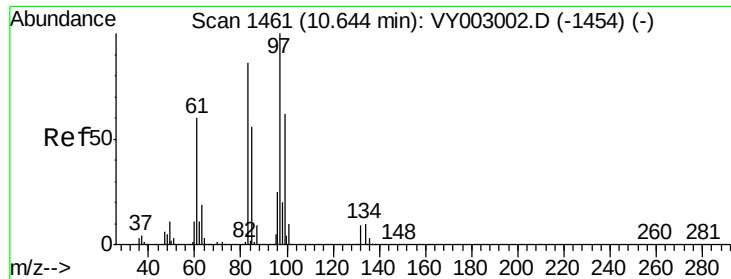
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

39 46.6 38.3 57.5





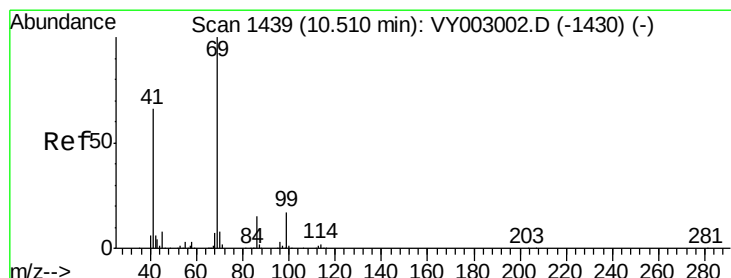
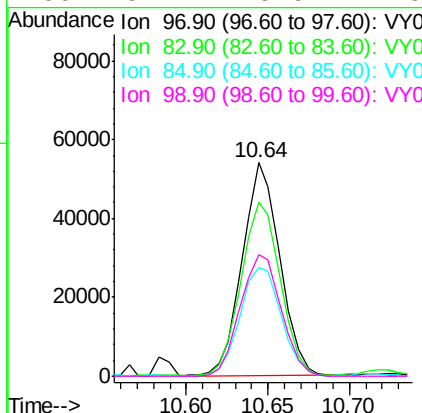
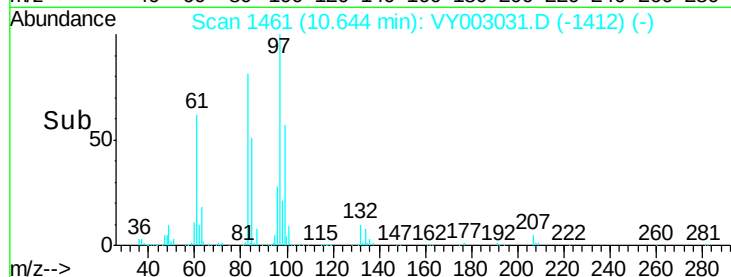
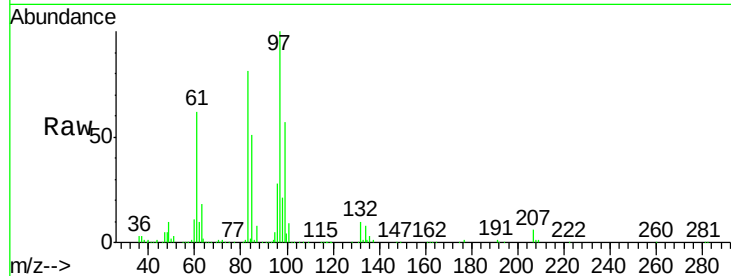
#55
 1,1,2-Trichloroethane
 Concen: 20.724 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion:	97	Resp:	86837
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.0	103.6
85	50.9	44.8	67.2
99	57.1	49.9	74.9

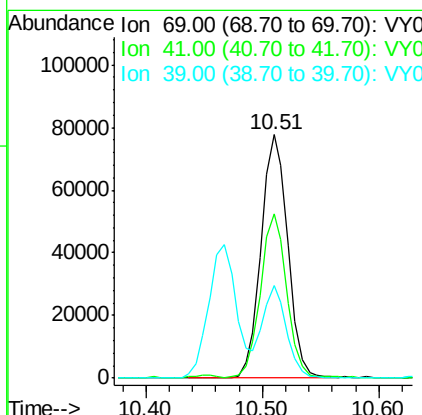
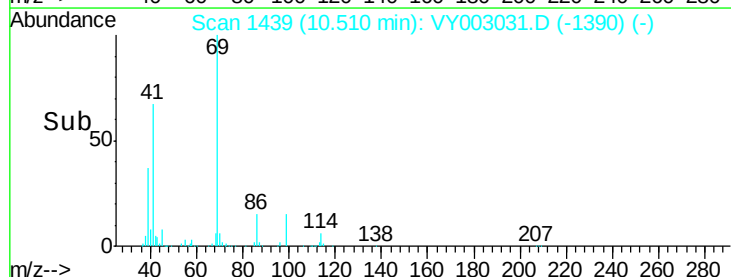
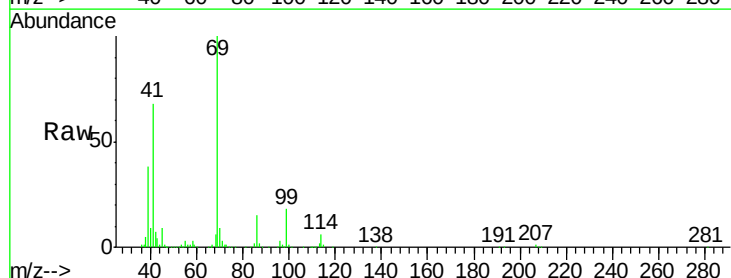
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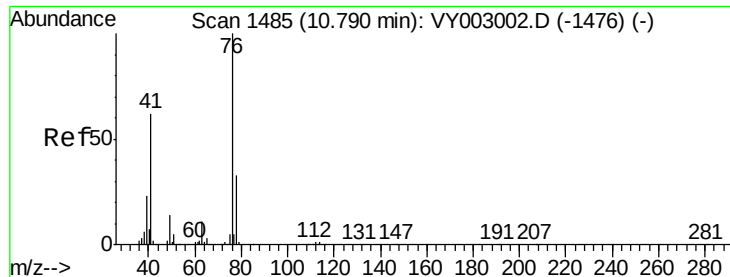
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#56
 Ethyl methacrylate
 Concen: 20.479 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion:	69	Resp:	124215
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.7	80.5
39	33.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.126 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 76 Resp: 148043

Ion Ratio Lower Upper

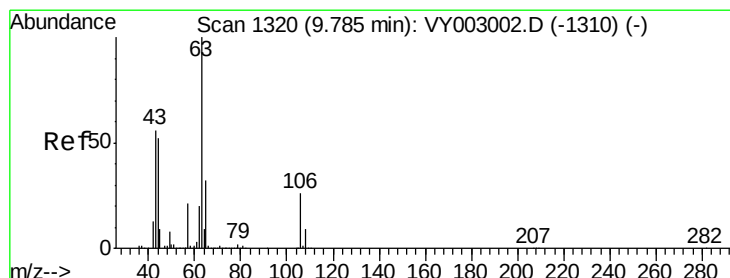
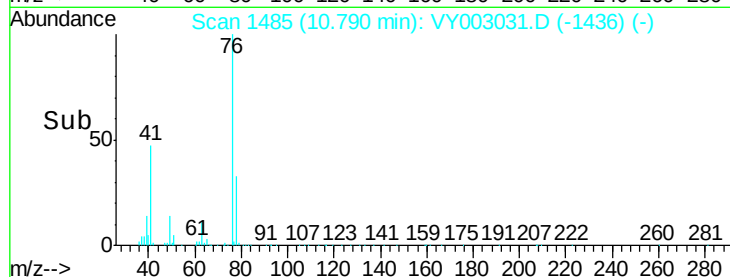
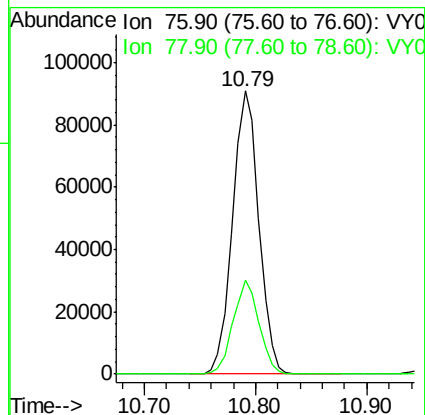
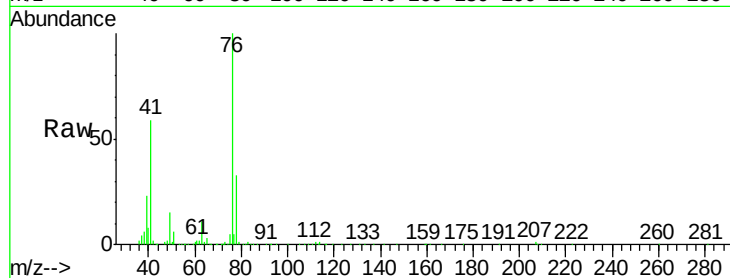
76 100

78 32.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 90.784 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003031.D

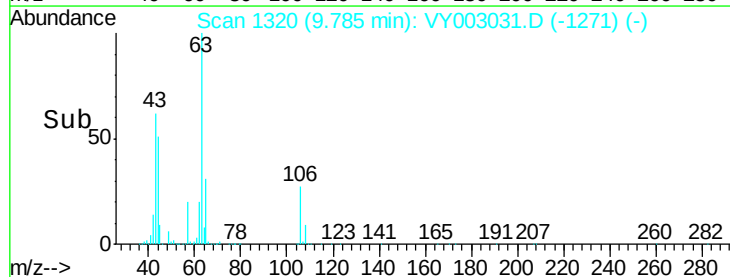
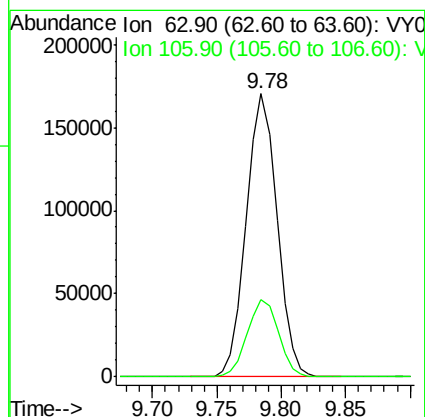
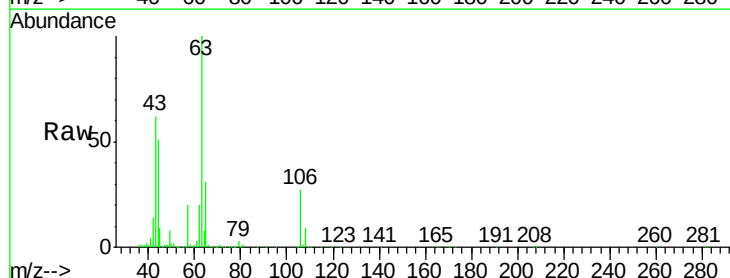
Acq: 30 Jun 2020 12:55

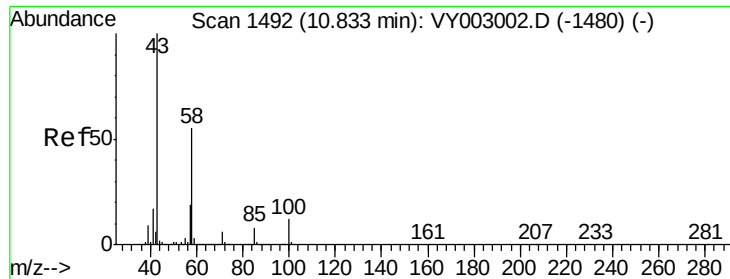
Tgt Ion: 63 Resp: 282408

Ion Ratio Lower Upper

63 100

106 27.5 21.5 32.3





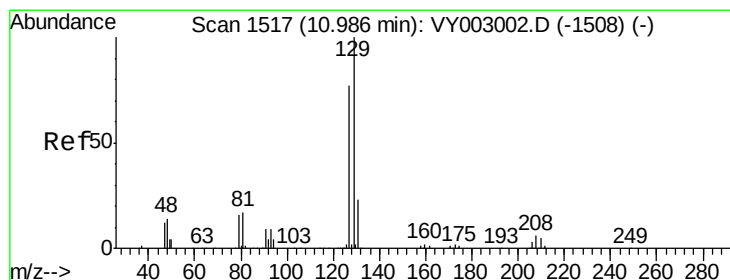
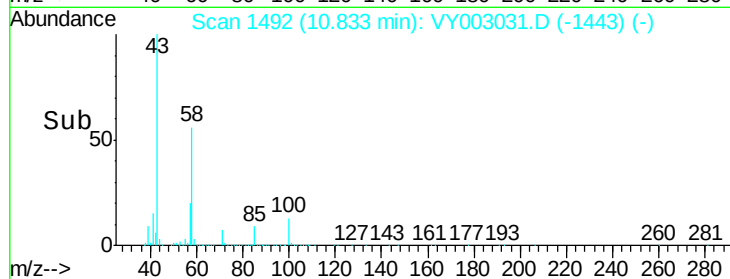
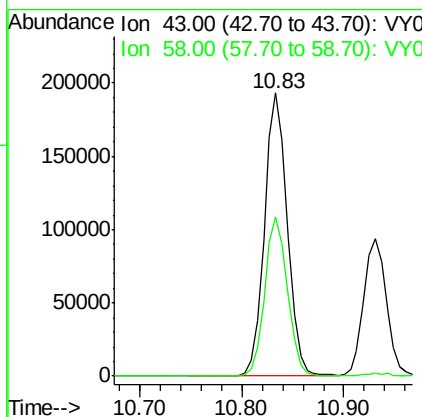
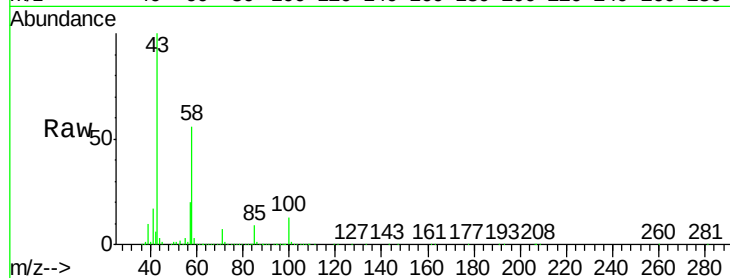
#59
2-Hexanone
Concen: 99.151 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.5	82.4

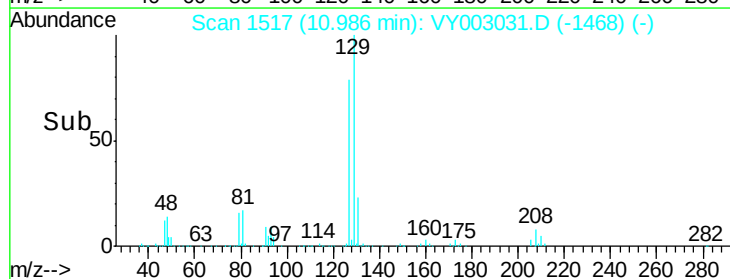
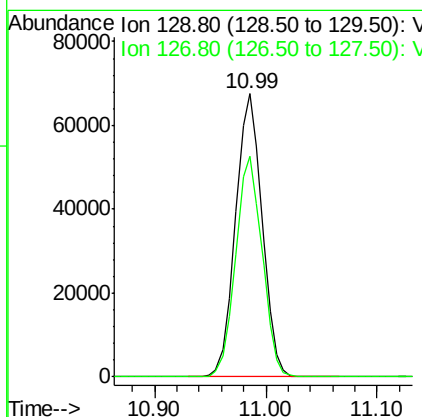
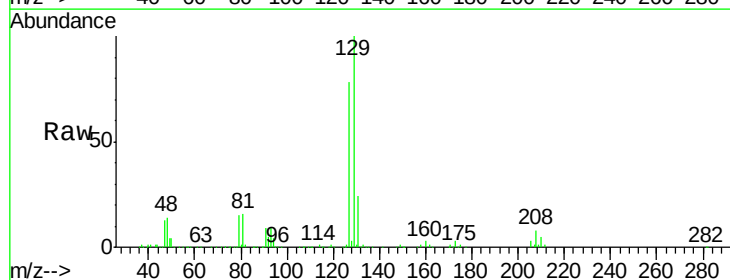
Manual Integrations
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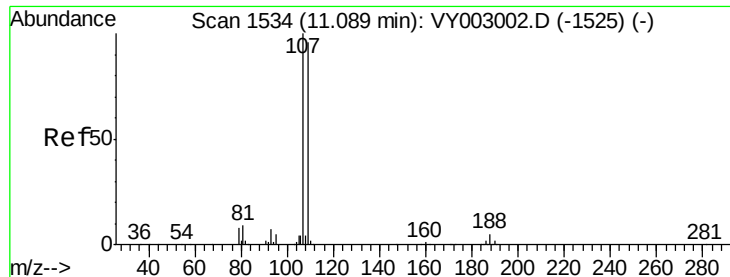
sam
7/1/2020 10:11:32 PM



#60
Dibromochloromethane
Concen: 20.834 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.3





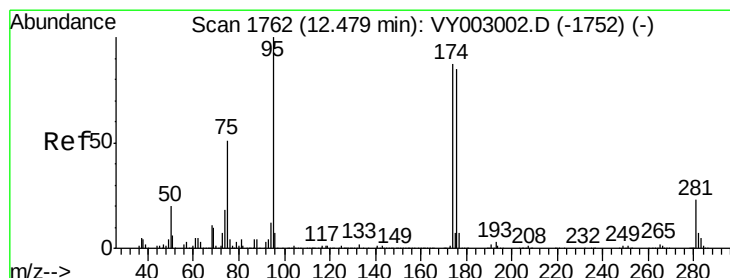
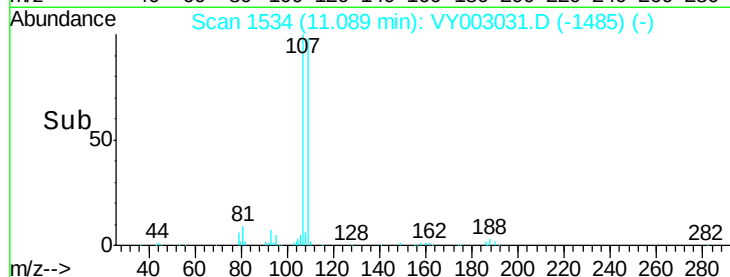
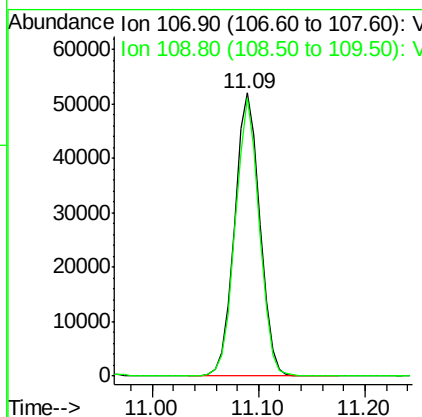
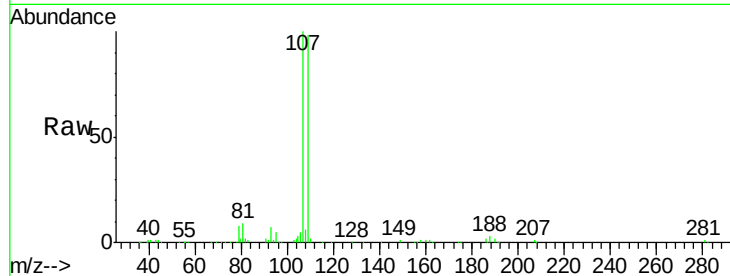
#61
 1,2-Dibromoethane
 Concen: 21.014 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.8

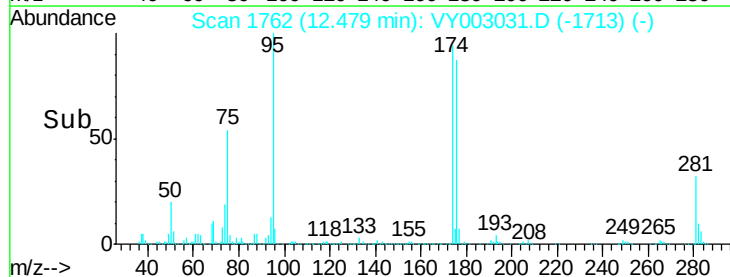
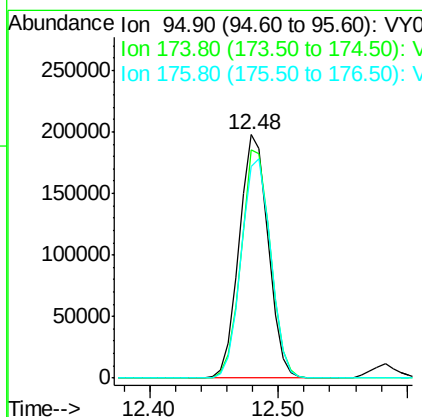
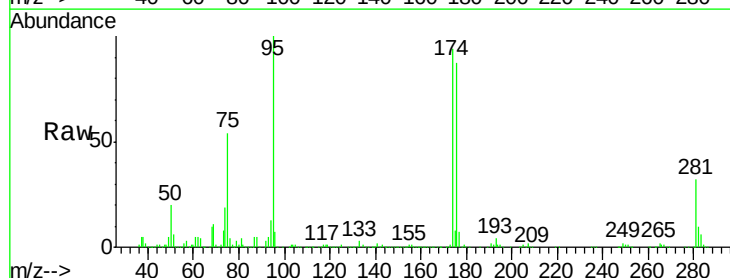
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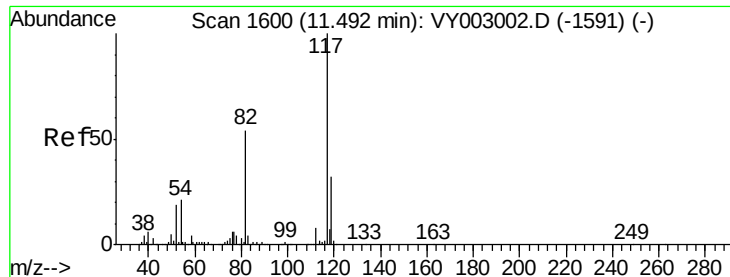
Sam
 7/1/2020 10:11:32 PM



#62
 4-Bromofluorobenzene
 Concen: 49.282 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	184.8
176	91.4	0.0	183.0





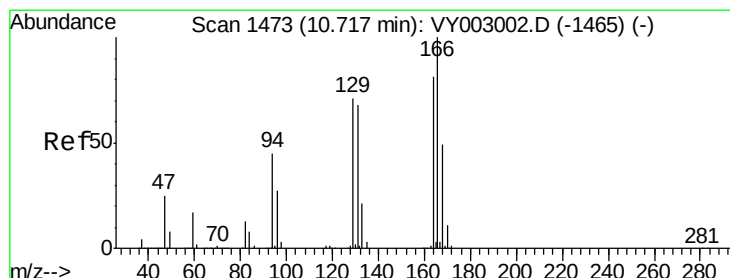
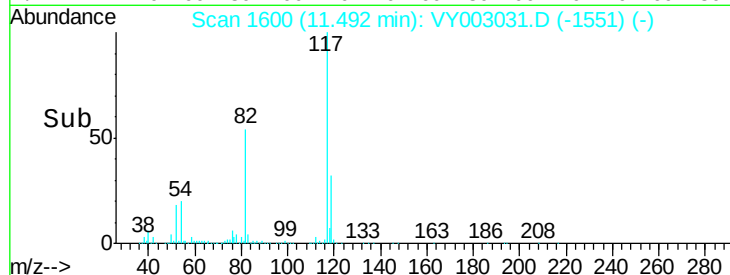
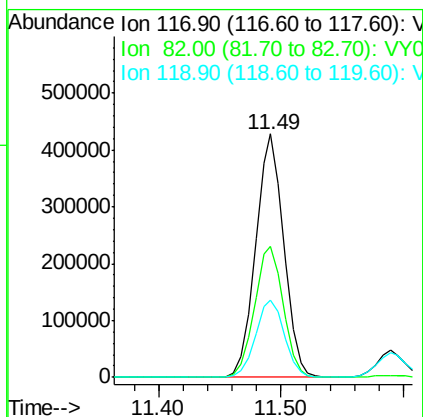
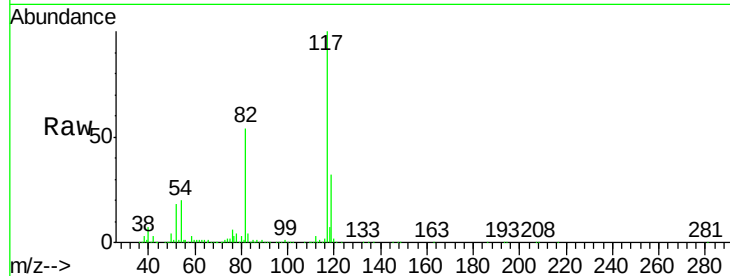
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	683594		
82	53.9		43.0	64.6
119	31.5		25.8	38.8

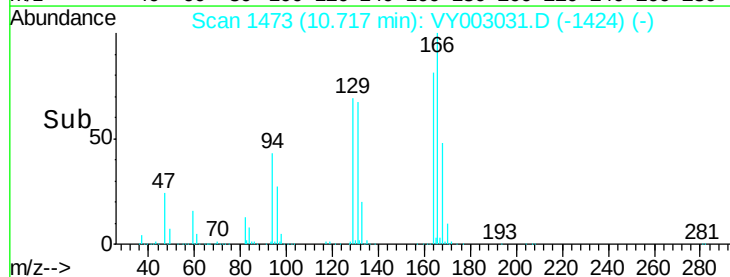
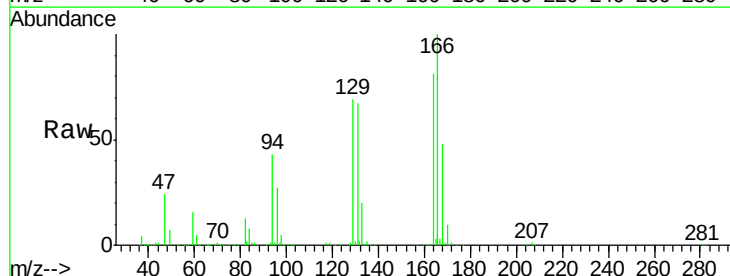
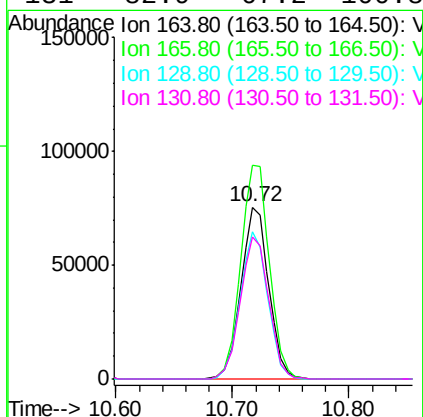
Manual Integrations
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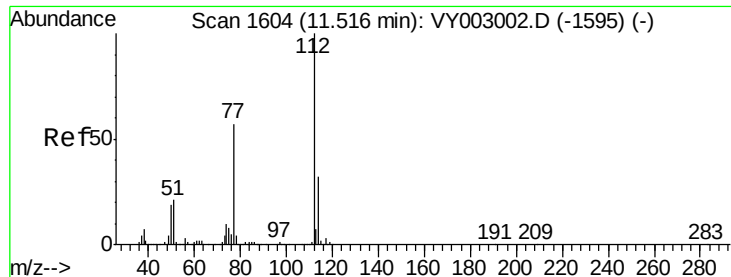
sam
7/1/2020 10:11:32 PM



#64
Tetrachloroethene
Concen: 21.712 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125614		
166	124.1		98.5	147.7
129	85.8		69.7	104.5
131	82.9		67.2	100.8





#65

Chlorobenzene

Concen: 21.286 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:112 Resp: 286915

Ion Ratio Lower Upper

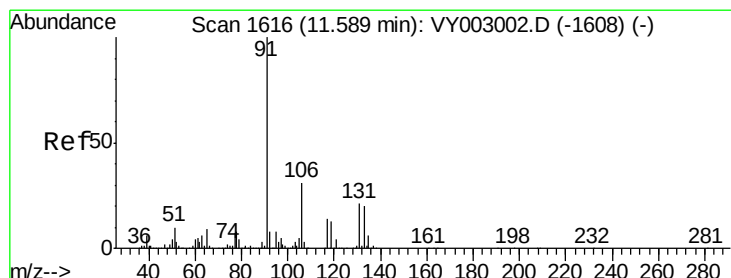
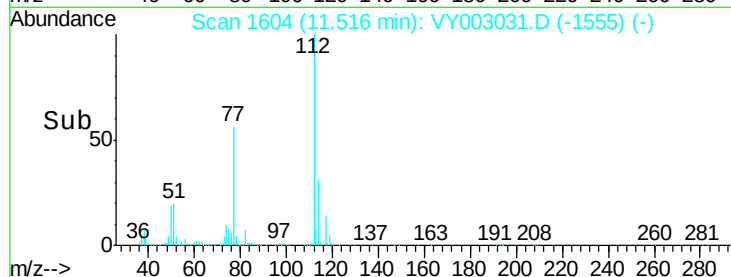
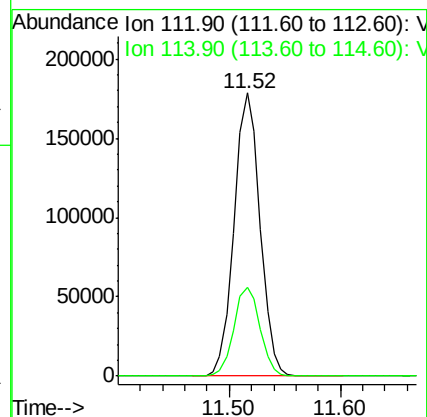
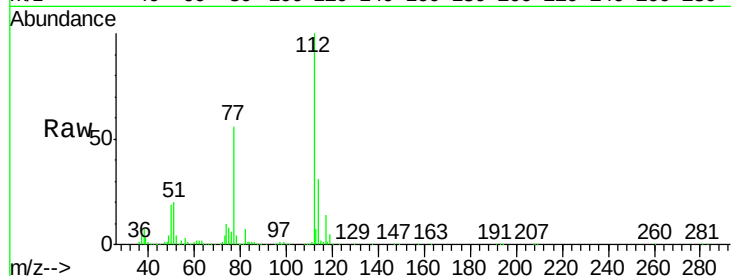
112 100

114 31.4 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 20.901 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

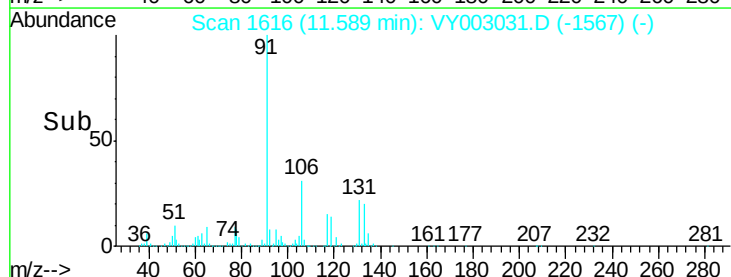
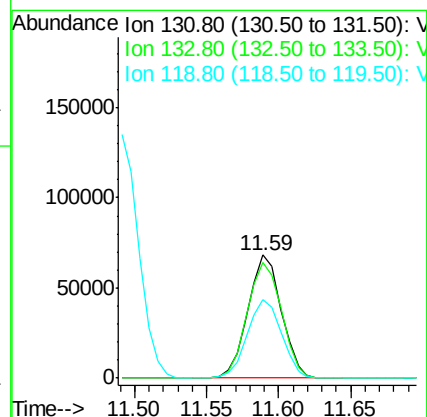
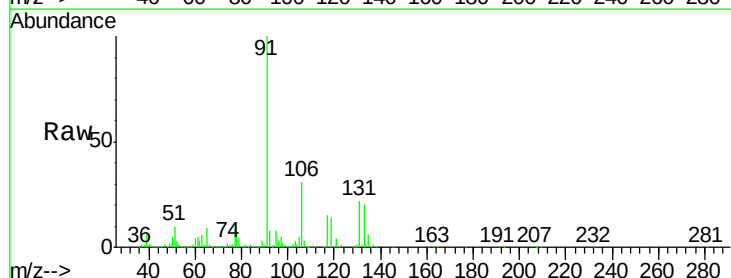
Tgt Ion:131 Resp: 109993

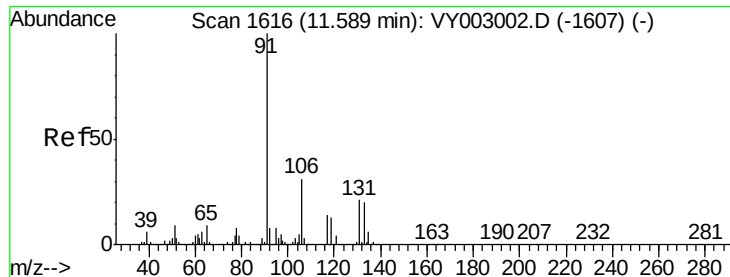
Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.8

119 65.0 31.8 95.3





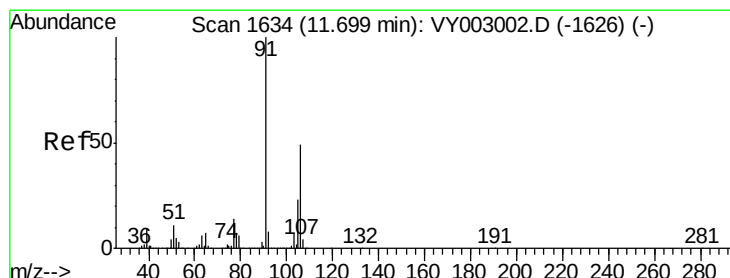
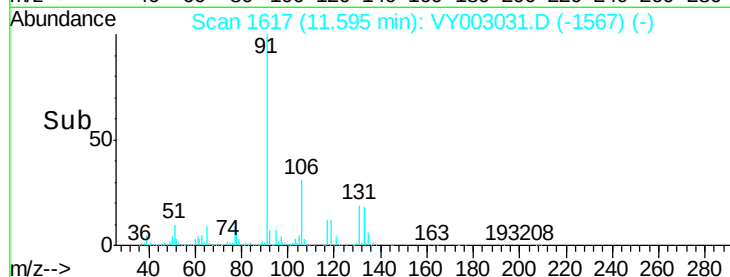
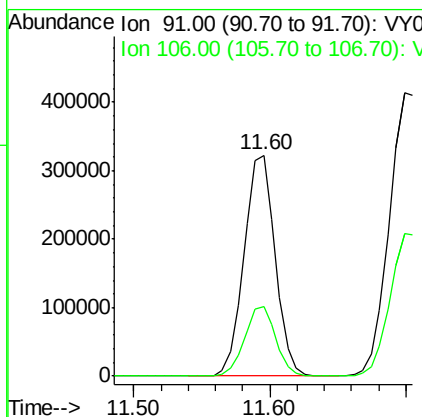
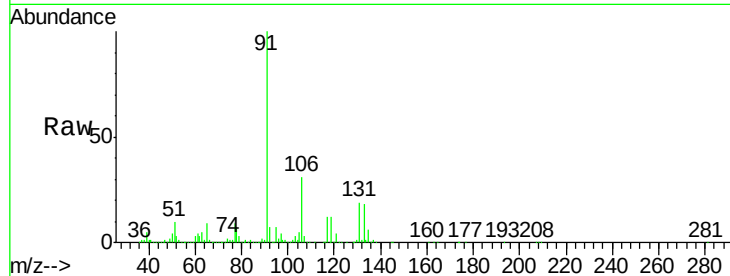
#67
Ethyl Benzene
Concen: 20.952 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 91 Resp: 516670
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

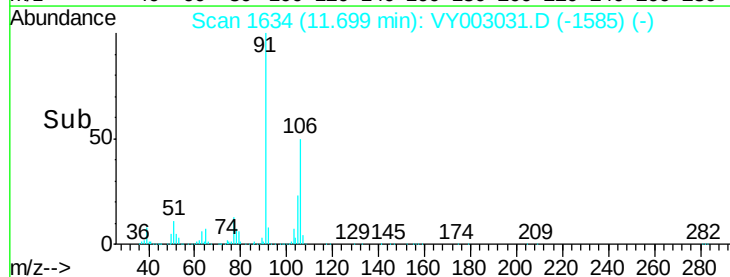
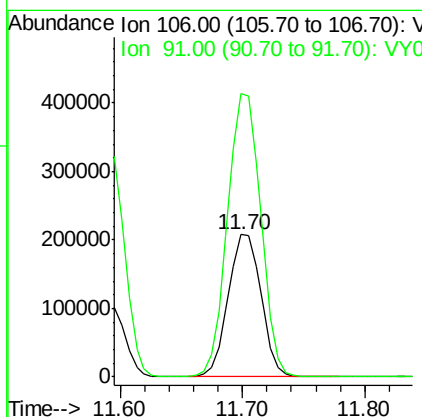
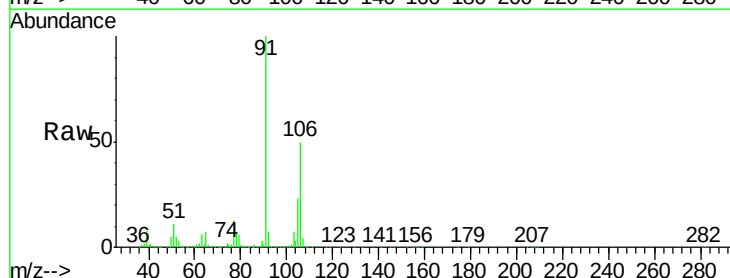
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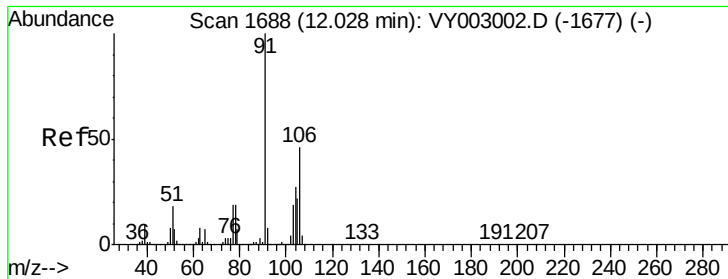
Sam
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#68
m/p-Xylenes
Concen: 42.237 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion: 106 Resp: 387637
Ion Ratio Lower Upper
106 100
91 200.5 161.9 242.9





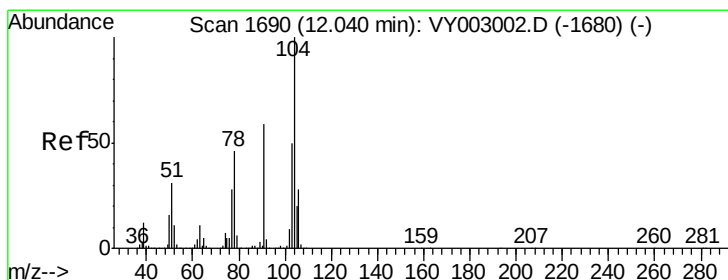
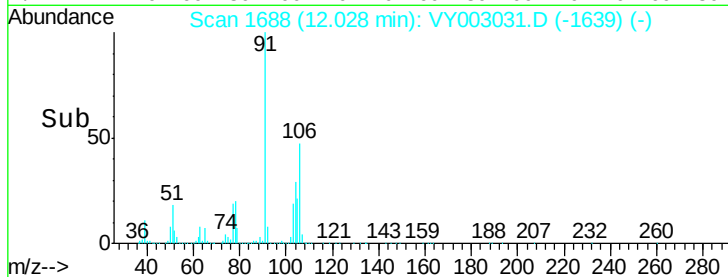
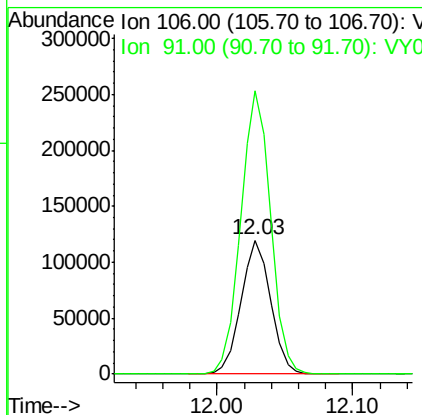
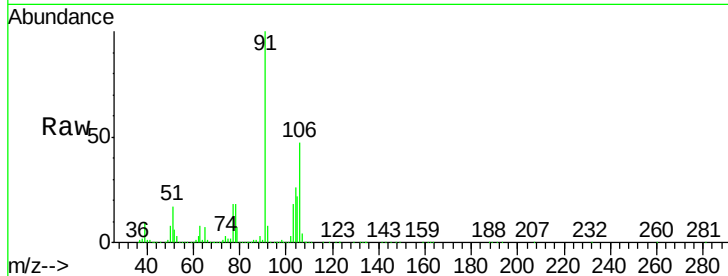
#69
o-Xylene
Concen: 20.987 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion:106 Resp: 181504
Ion Ratio Lower Upper
106 100
91 213.0 107.9 323.8

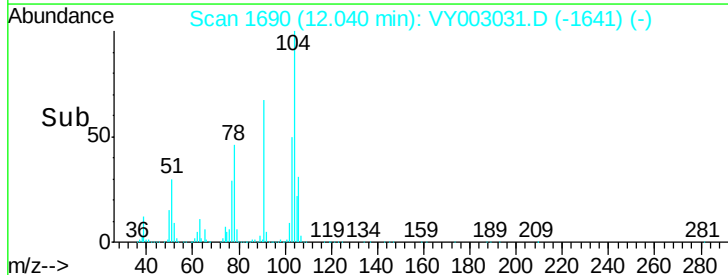
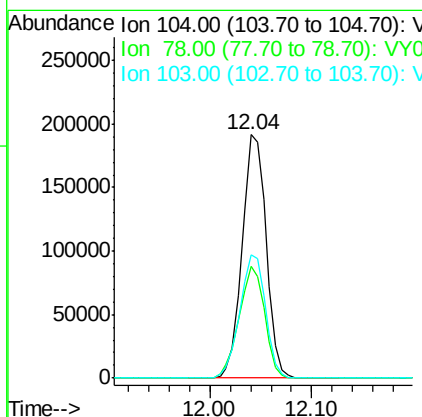
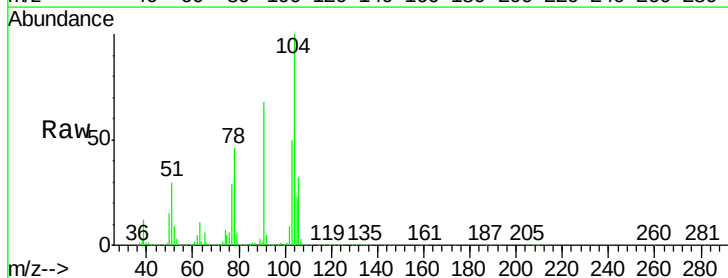
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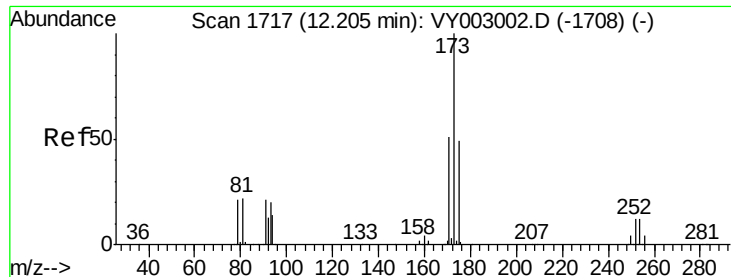
sam
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#70
Styrene
Concen: 21.217 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion:104 Resp: 313479
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 54.1 44.1 66.1





#71

Bromoform

Concen: 21.360 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

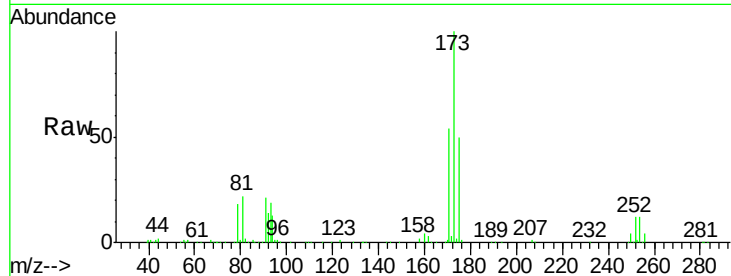
ClientSampleId :

VY0630SBS01

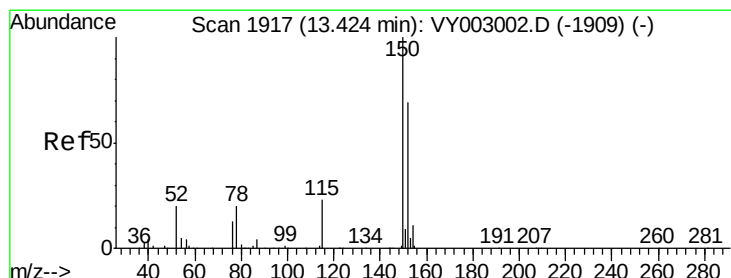
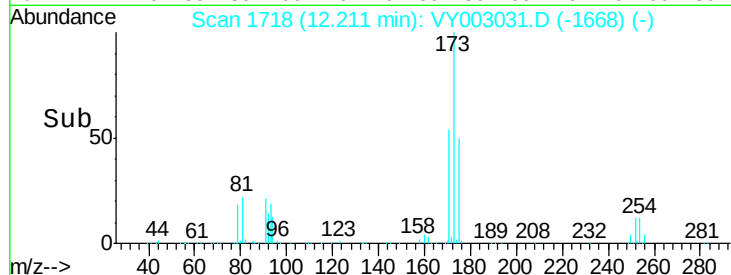
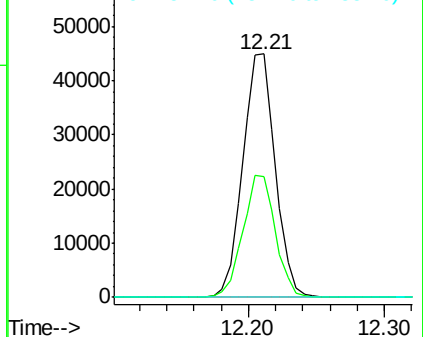
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.6	73.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

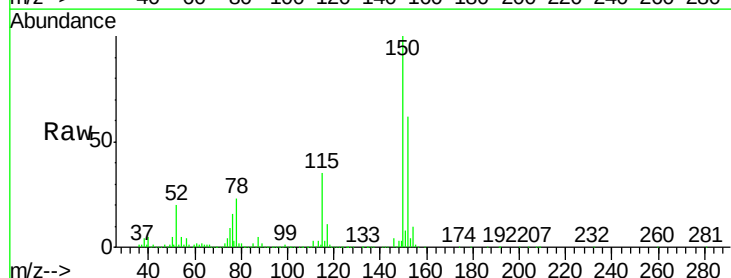
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

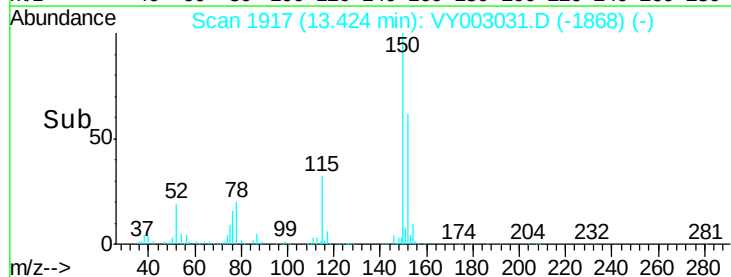
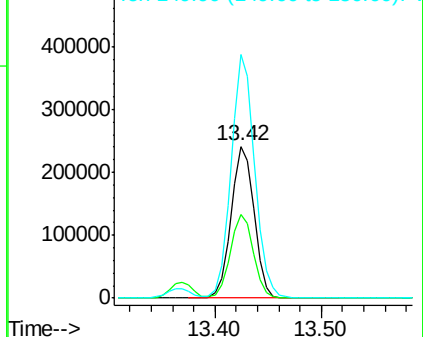
Lab File: VY003031.D

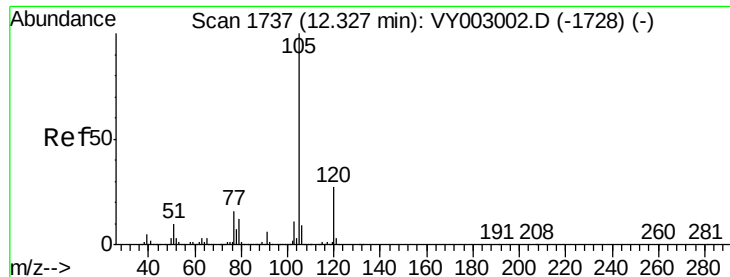
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.3	81.9
150	164.3	0.0	343.4



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





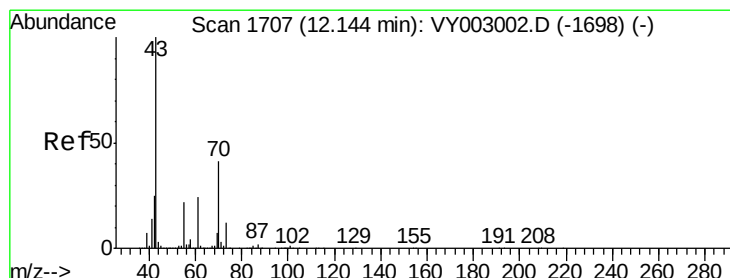
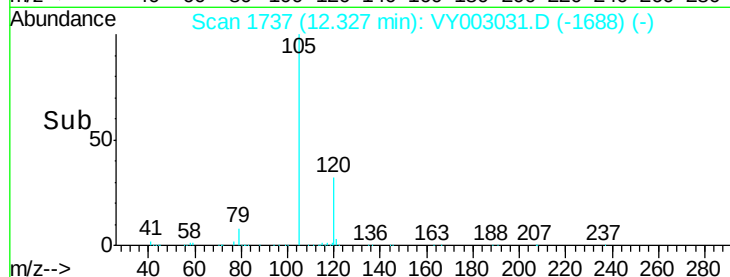
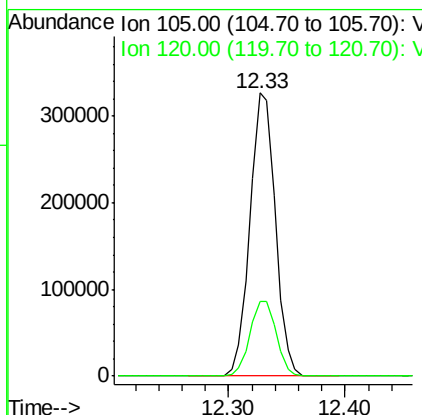
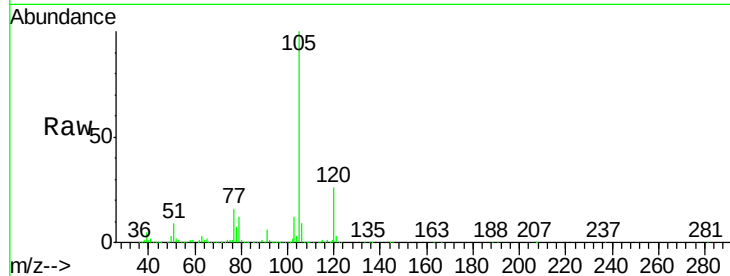
#73
Isopropylbenzene
Concen: 20.908 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.4	40.1

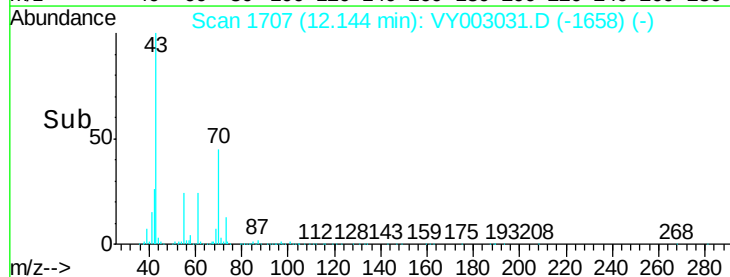
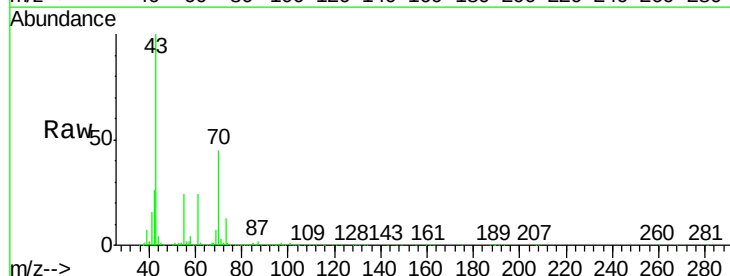
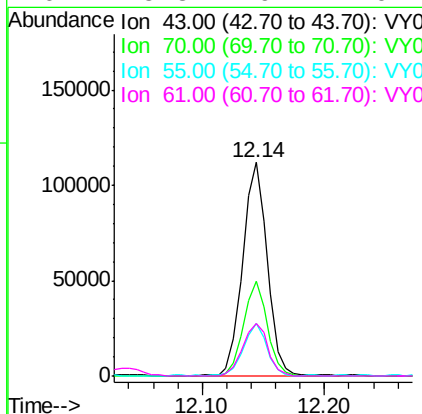
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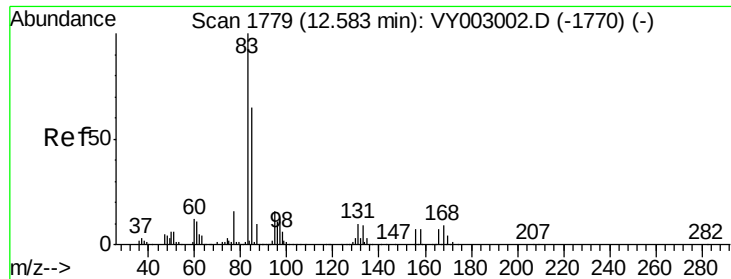
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#74
N-ethyl acetate
Concen: 19.993 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	33.0	49.4
55	23.1	18.2	27.2
61	25.3	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.270 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 83 Resp: 102678

Ion Ratio Lower Upper

83 100

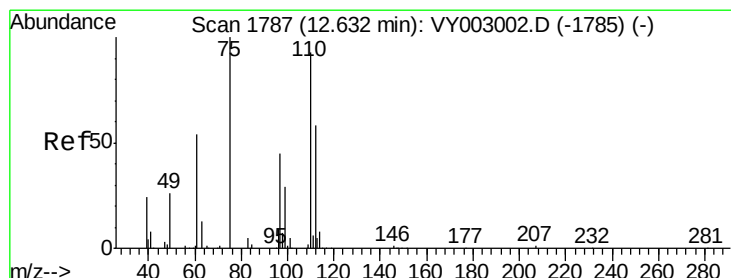
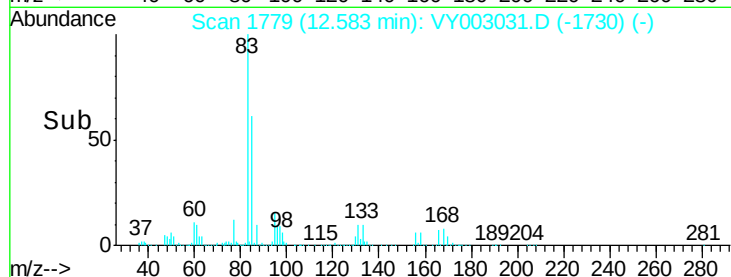
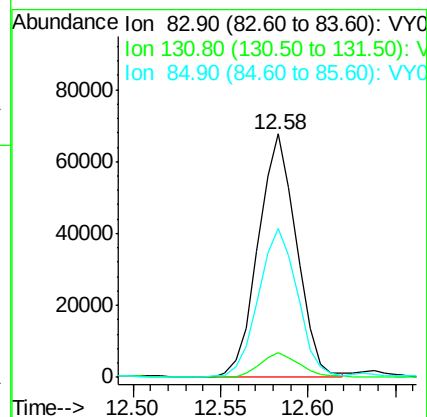
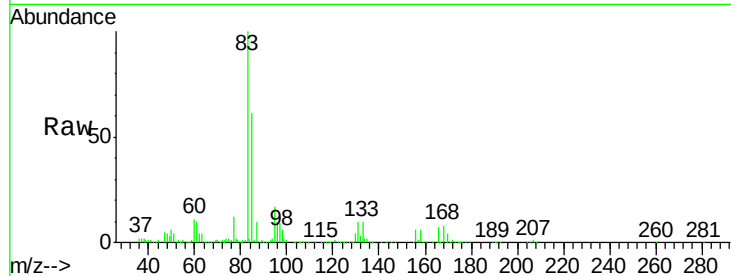
131 10.7 5.3 16.1

85 62.3 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.640 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003031.D

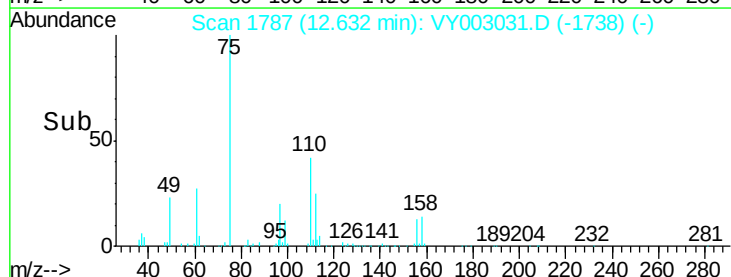
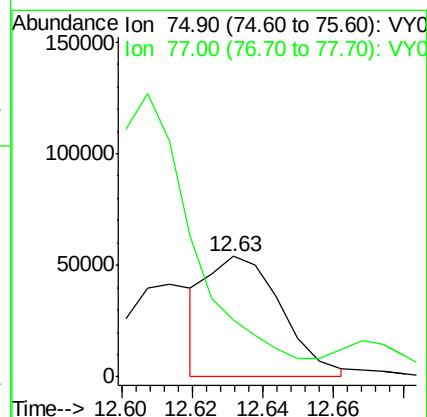
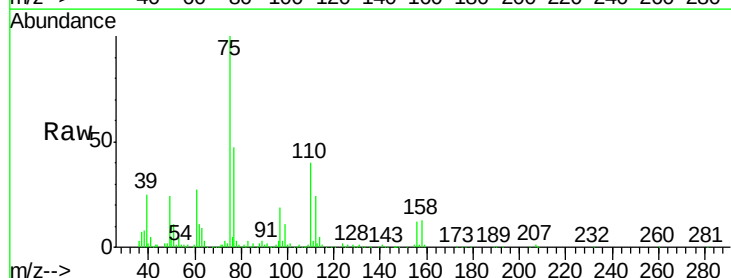
Acq: 30 Jun 2020 12:55

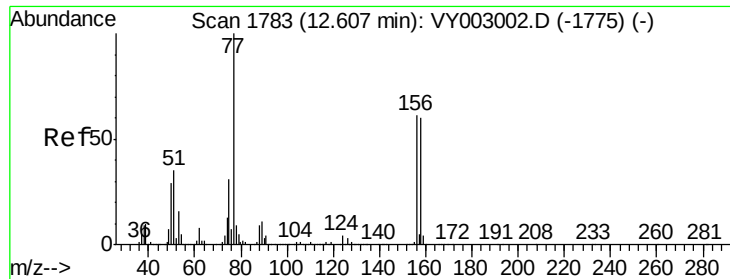
Tgt Ion: 75 Resp: 78282

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





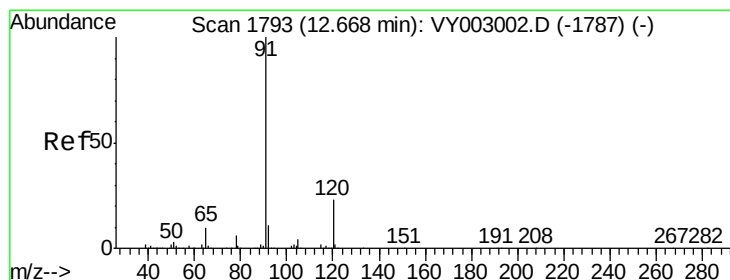
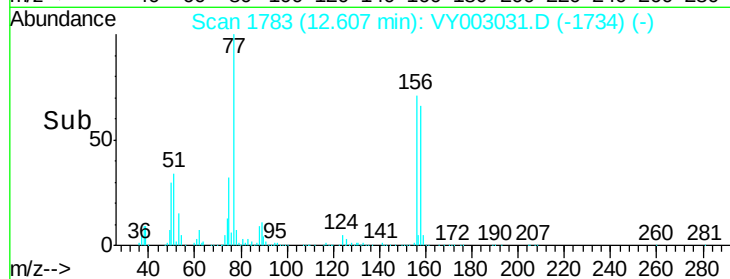
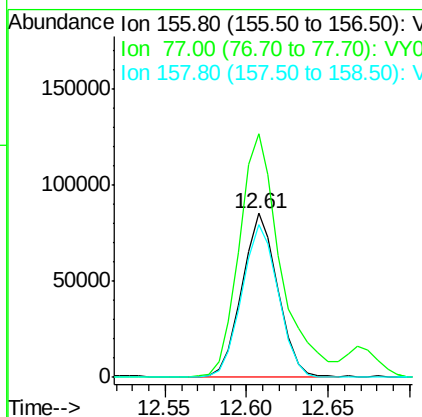
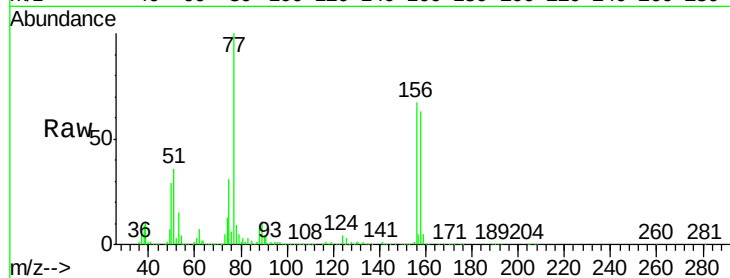
#77
Bromobenzene
Concen: 21.062 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.5	90.0	270.0
158	95.8	48.5	145.5

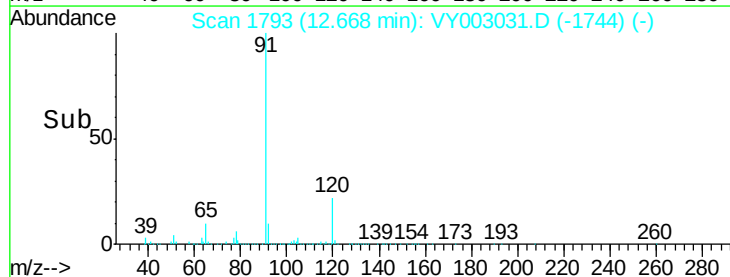
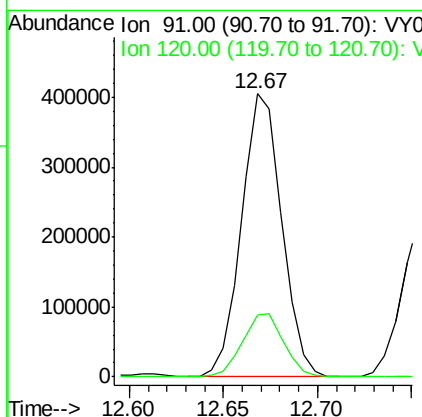
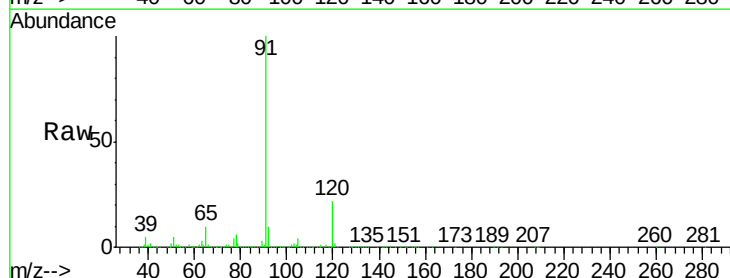
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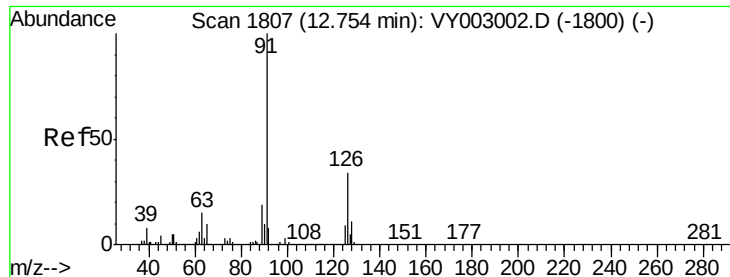
sam
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#78
n-propylbenzene
Concen: 20.787 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 21.306 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

ClientSampled :

VY0630SBS01

Tot Ion: 91 Resp: 342128

Ion Ratio Lower Upper

91 100

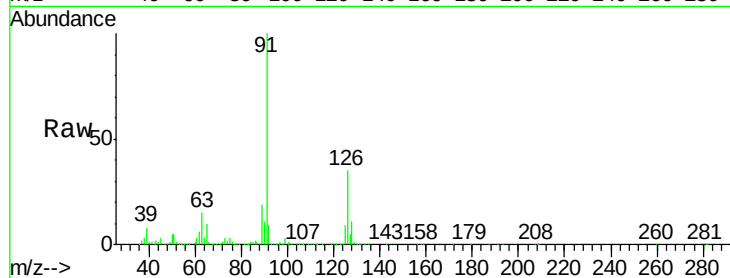
126 35.5 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003002.D (-1800) (-)

400000

300000

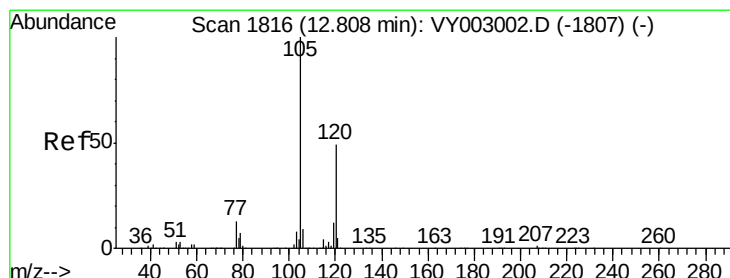
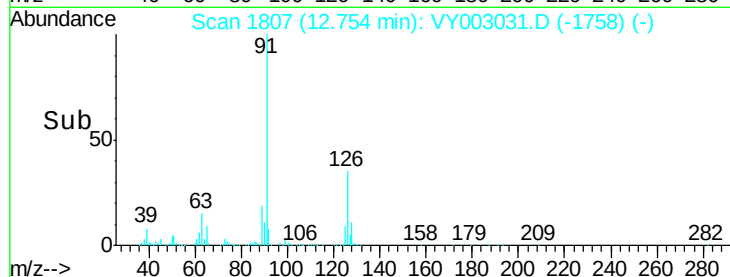
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.942 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003031.D

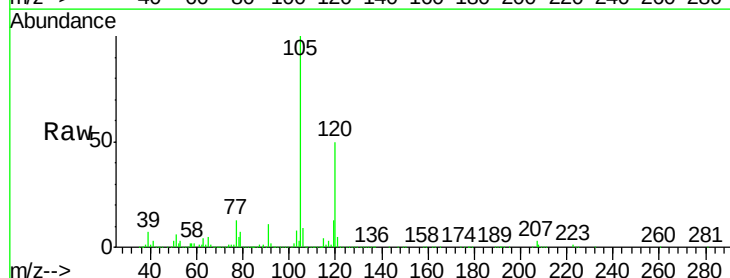
Acq: 30 Jun 2020 12:55

Tgt Ion: 105 Resp: 420386

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1807) (-)

300000

250000

200000

150000

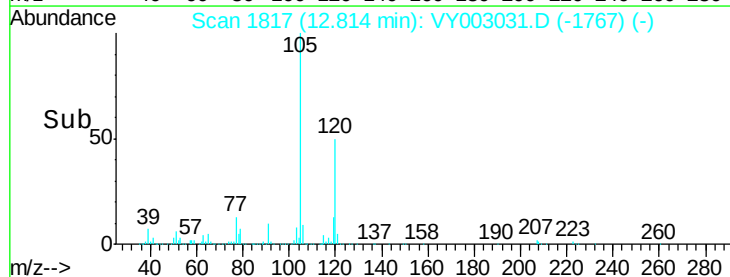
100000

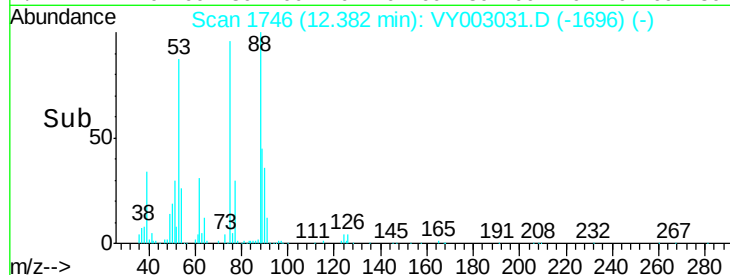
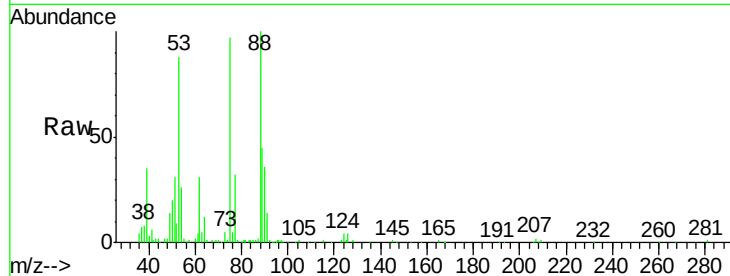
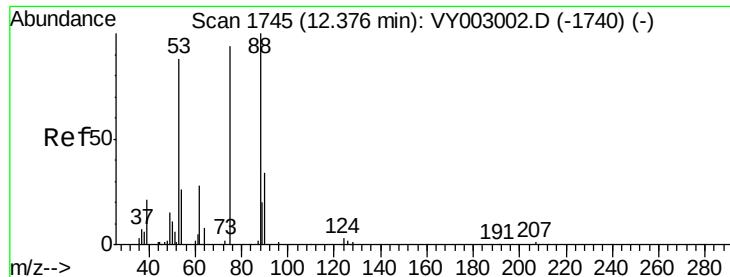
50000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.414 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tot Ion:	75	Resp:	37956
Ion	Ratio	Lower	Upper
75	100		
53	94.6	73.9	110.9
89	47.7	37.5	56.3

Instrument :

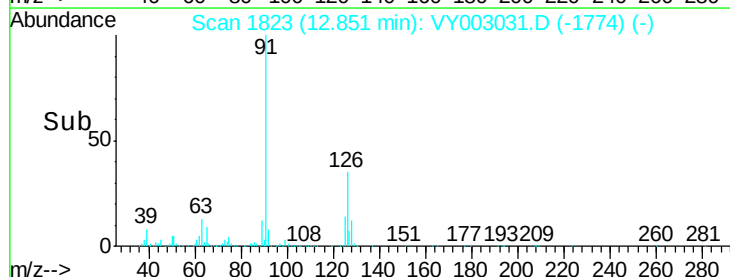
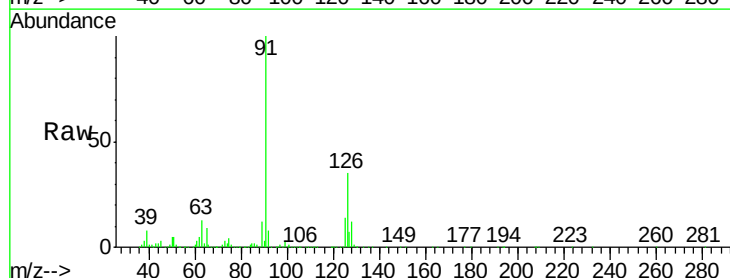
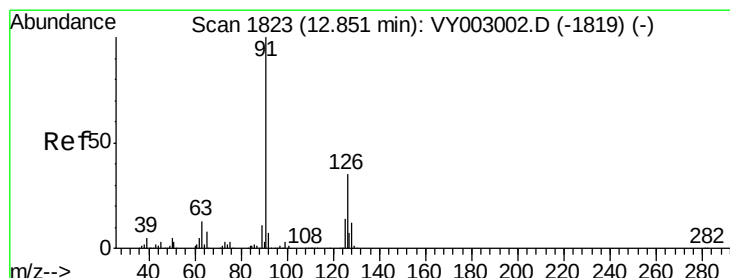
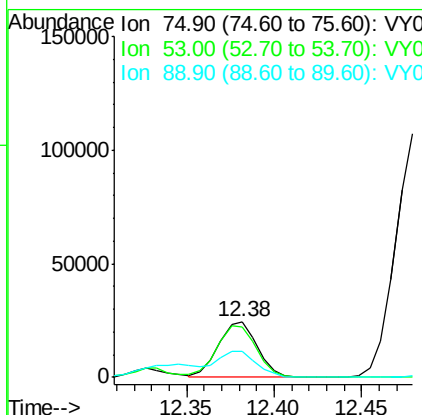
MSVOA_Y

ClientSampleId :

VY0630SBS01

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#82

4-Chlorotoluene

Concen: 21.738 ug/l

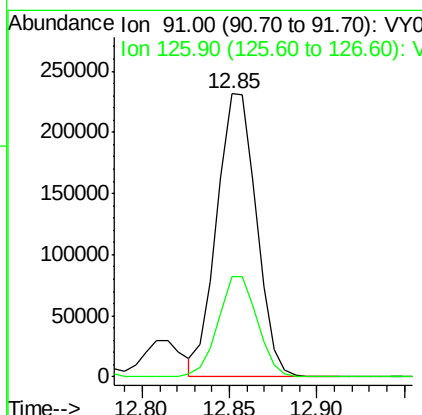
RT: 12.85 min Scan# 1823

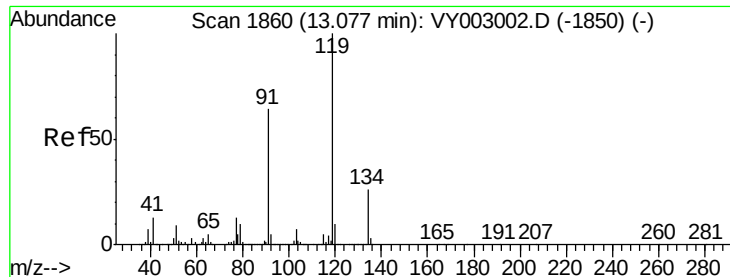
Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	91	Resp:	363447
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.4	52.3





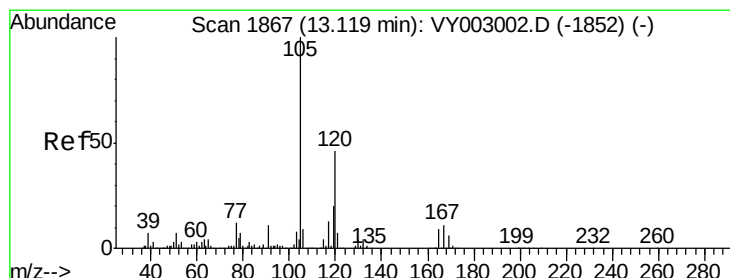
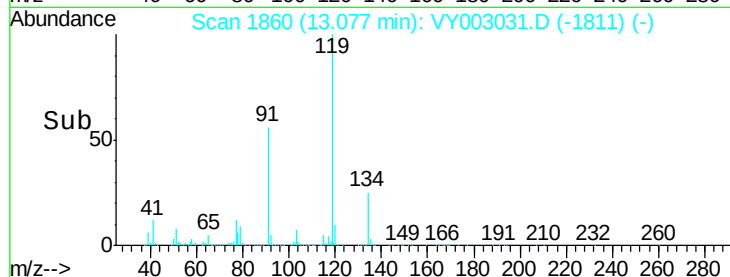
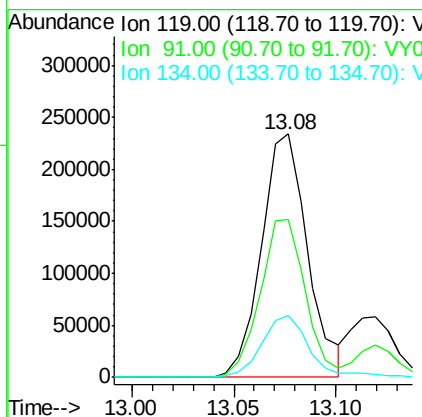
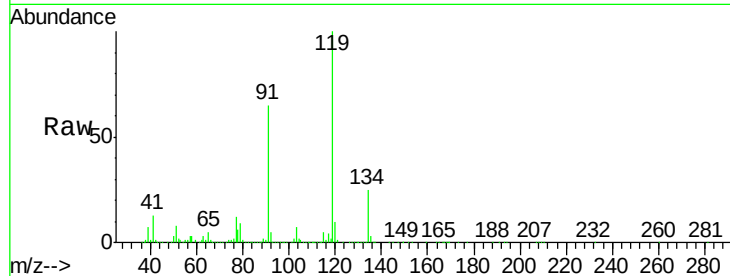
#83
tert-Butylbenzene
Concen: 20.991 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.6	95.0
134	26.4	13.2	39.5

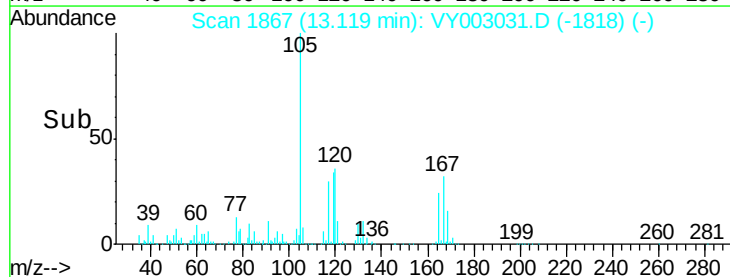
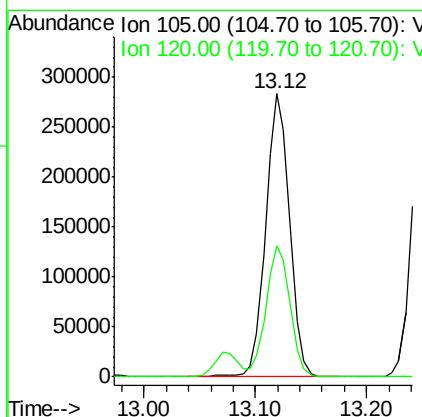
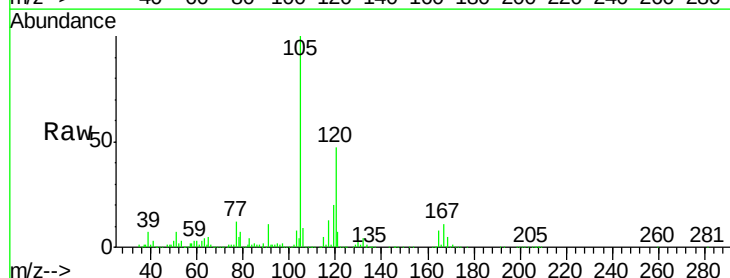
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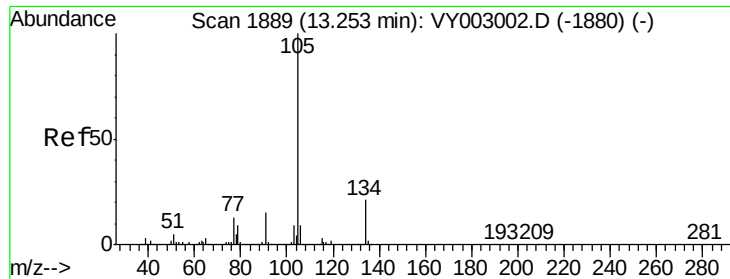
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#84
1,2,4-Trimethylbenzene
Concen: 20.925 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.6	67.8





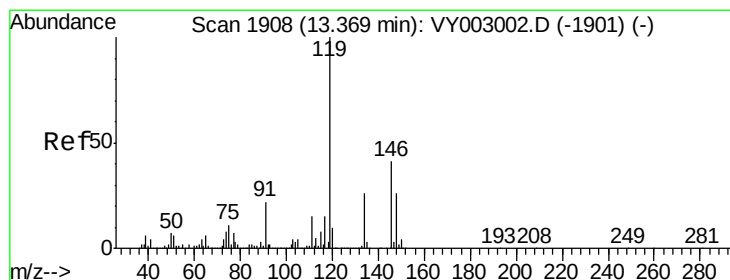
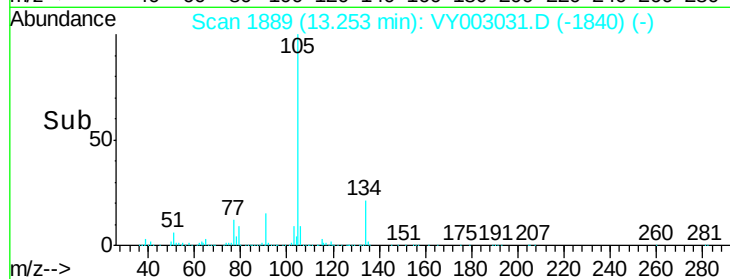
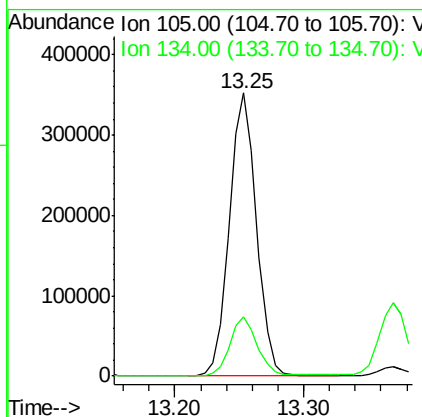
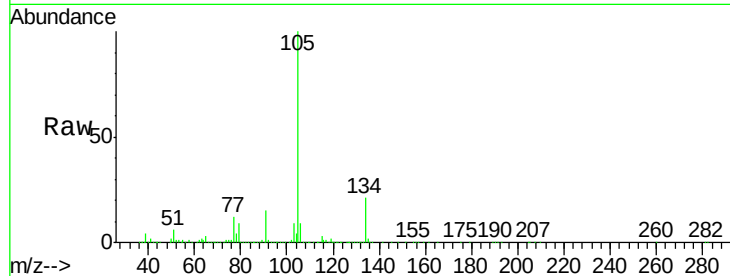
#85
 sec-Butylbenzene
 Concen: 21.212 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.4	31.2

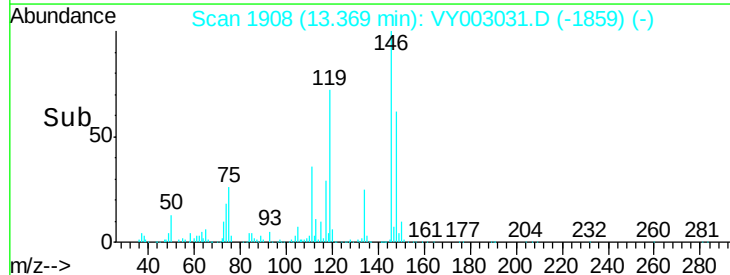
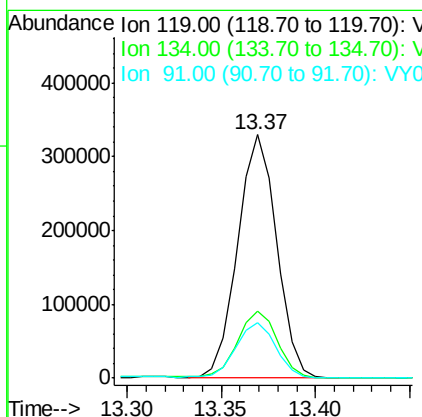
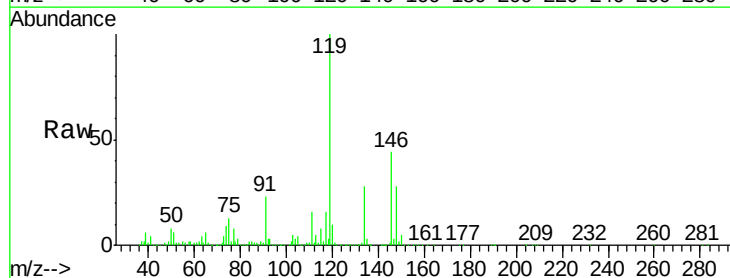
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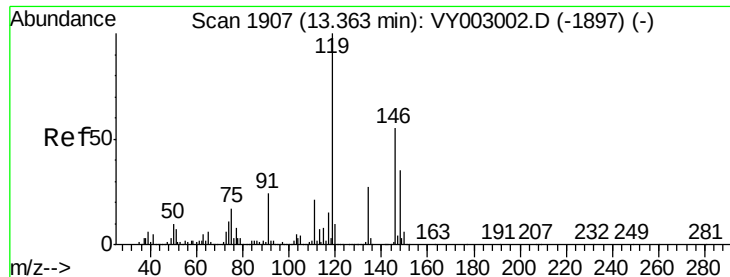
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#86
 p-Isopropyltoluene
 Concen: 21.055 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.5	40.4
91	23.1	11.5	34.5





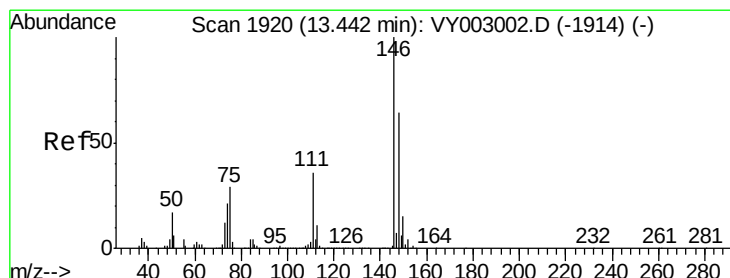
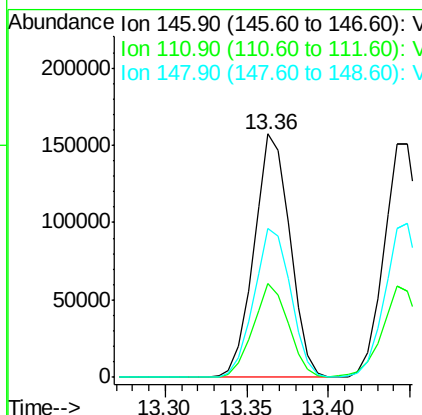
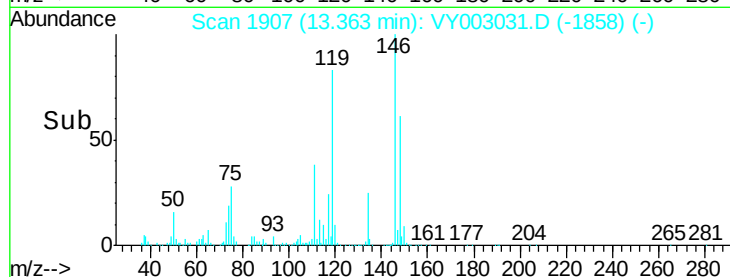
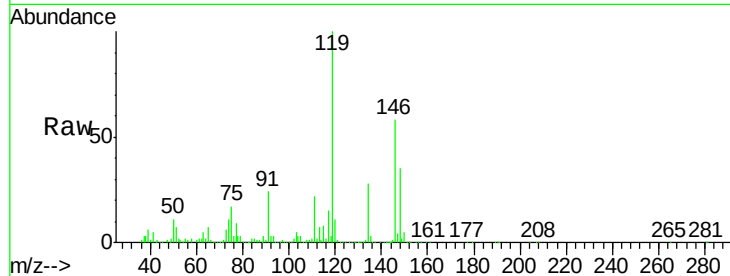
#87
 1,3-Dichlorobenzene
 Concen: 21.025 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	240759		
111	37.8	18.8	56.3	
148	62.4	31.8	95.3	

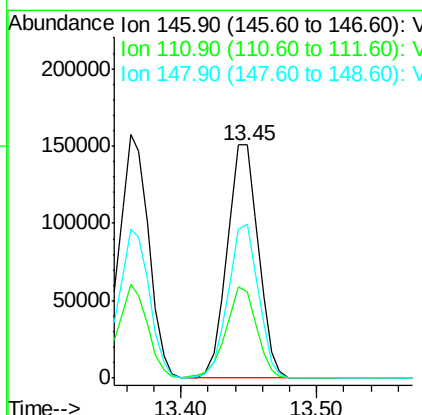
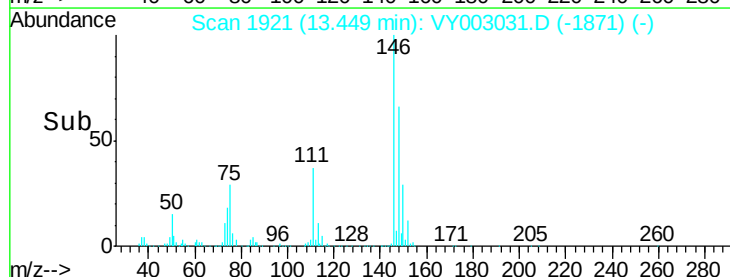
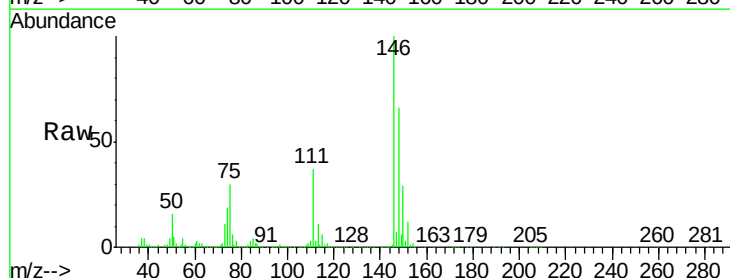
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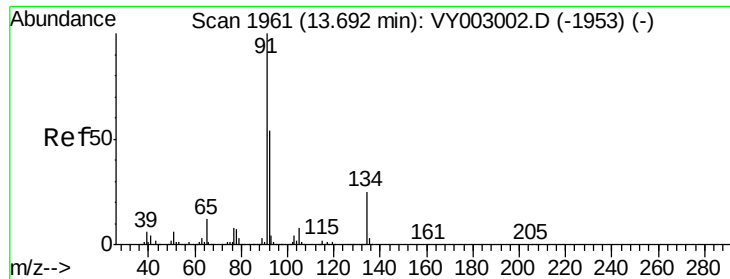
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#88
 1,4-Dichlorobenzene
 Concen: 21.242 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	239850		
111	38.4	18.4	55.4	
148	64.4	32.3	96.9	





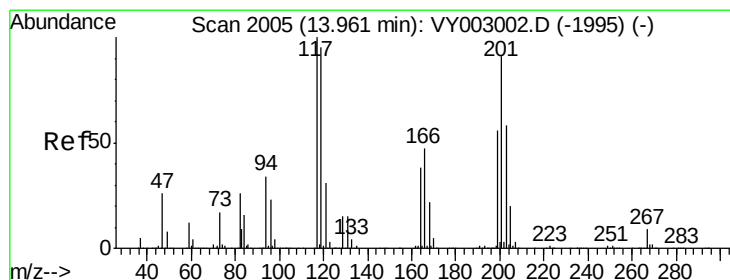
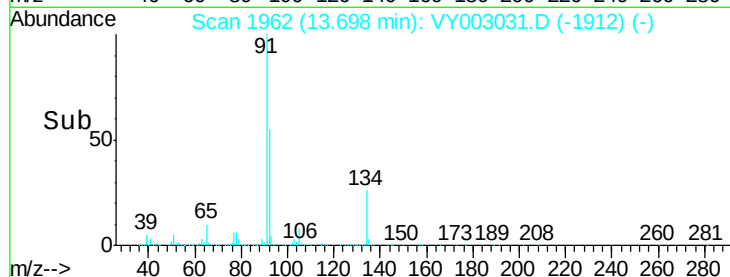
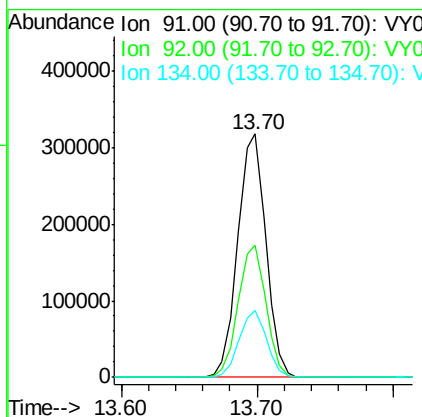
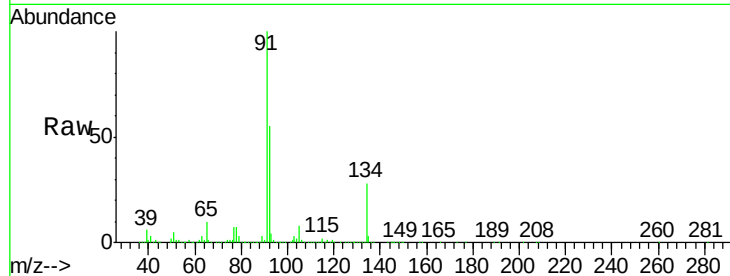
#89
n-Butylbenzene
Concen: 21.241 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.3
134	27.0	13.1	39.1

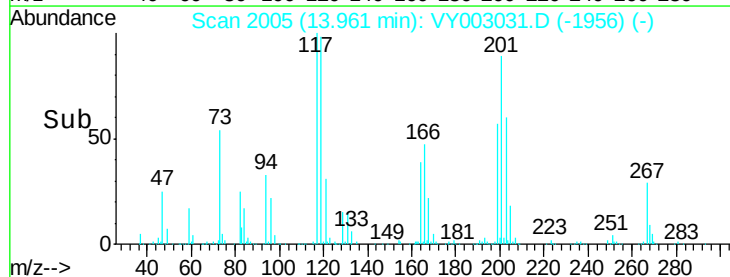
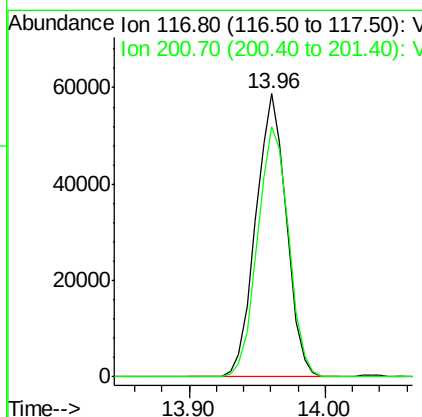
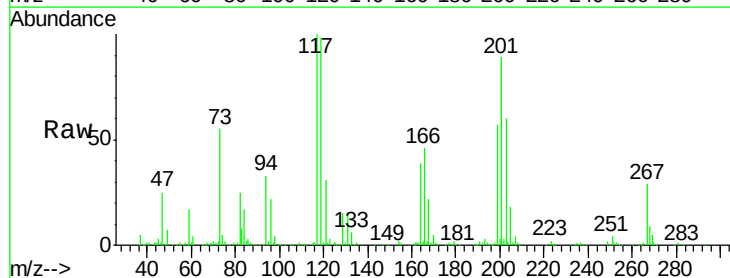
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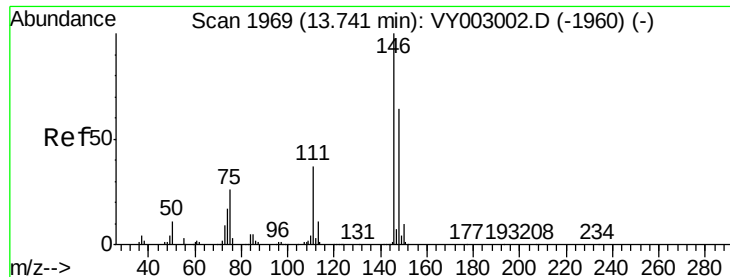
sam
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#90
Hexachloroethane
Concen: 20.839 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 21.235 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Instrument :

MSVOA_Y

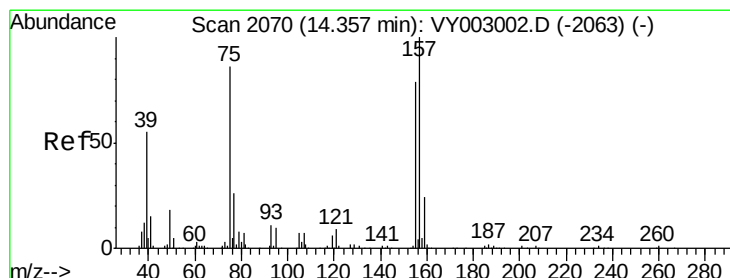
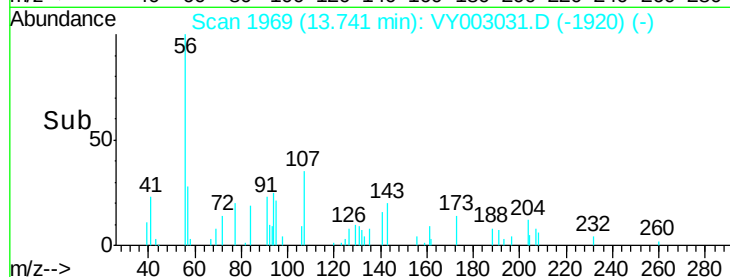
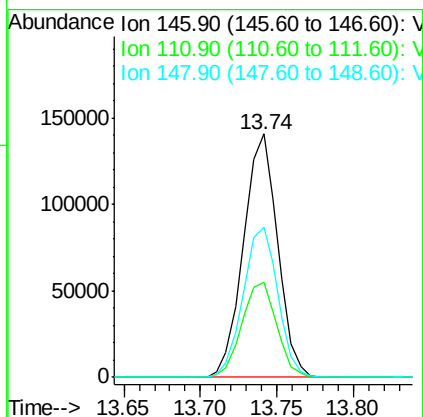
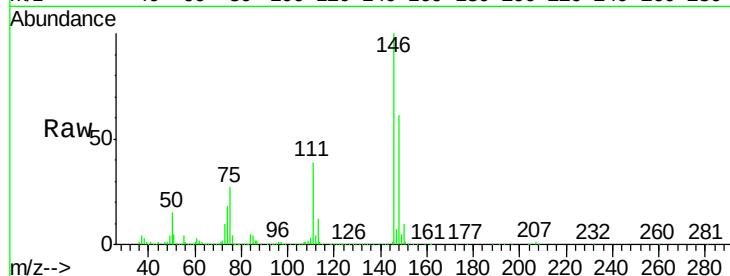
ClientSampleId :

VY0630SBS01

Tot Ion:	146	Resp:	218162
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.1	57.5
148	62.6	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.979 ug/l

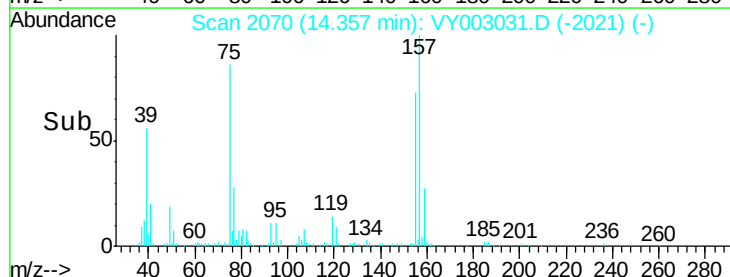
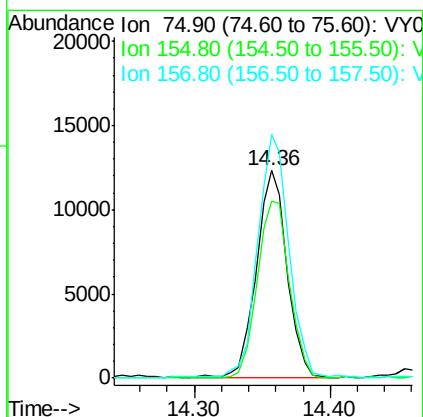
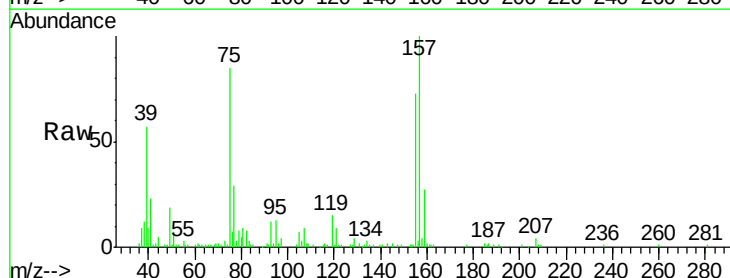
RT: 14.36 min Scan# 2070

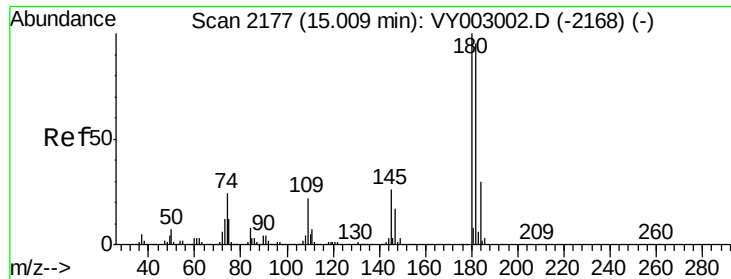
Delta R.T. 0.00 min

Lab File: VY003031.D

Acq: 30 Jun 2020 12:55

Tgt Ion:	75	Resp:	19637
Ion Ratio	Lower	Upper	
75	100		
155	88.4	46.5	139.3
157	119.8	59.2	177.5





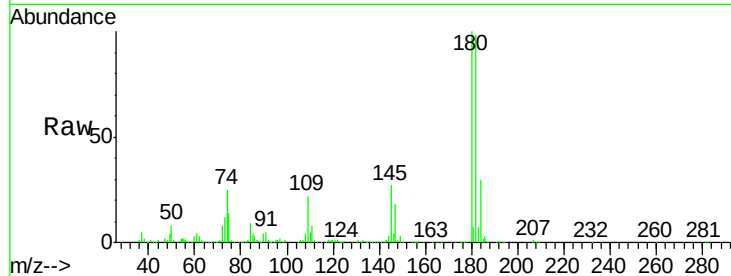
#93
 1,2,4-Trichlorobenzene
 Concen: 21.837 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

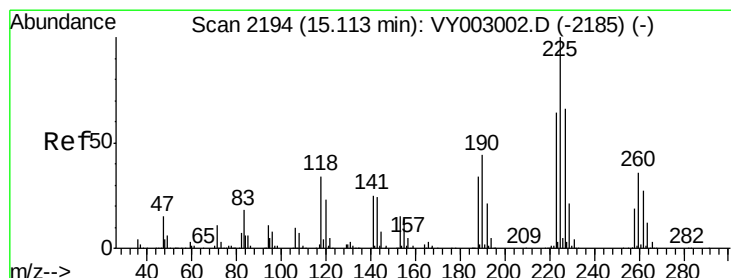
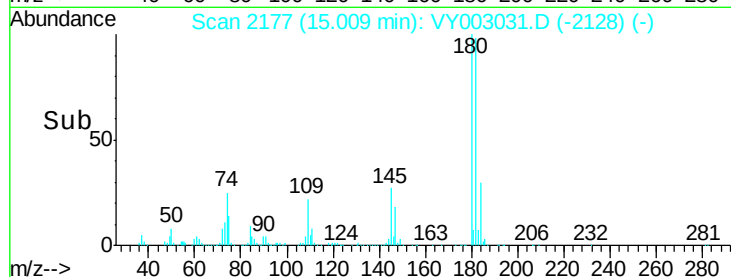
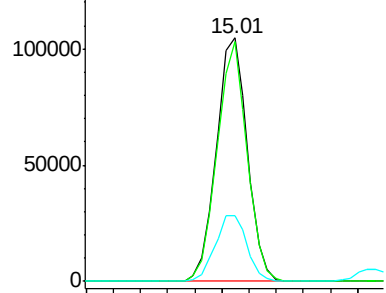
Tot Ion	Ratio	Resp	Lower	Upper
180	100	166709		
182	94.8	48.1	144.3	
145	28.0	13.9	41.6	

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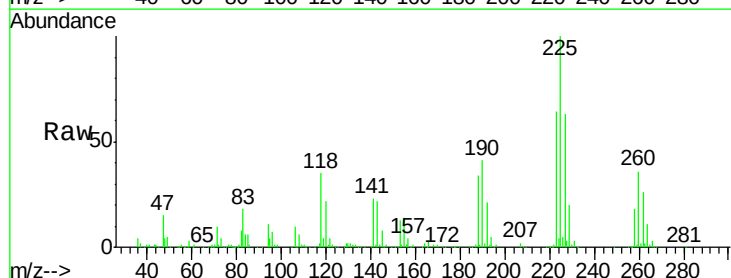


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

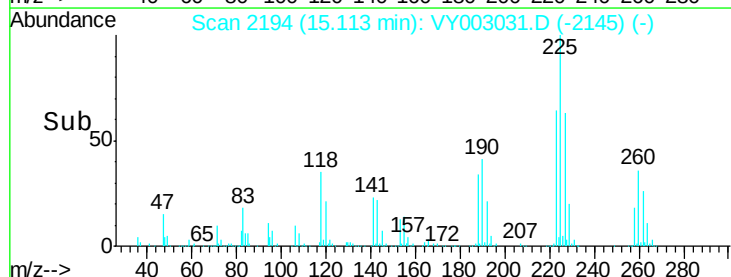
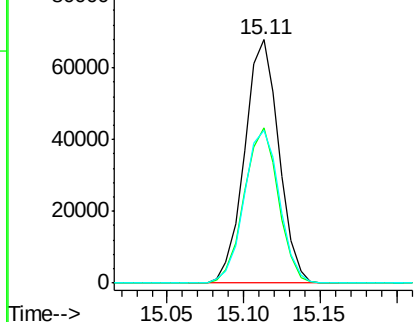


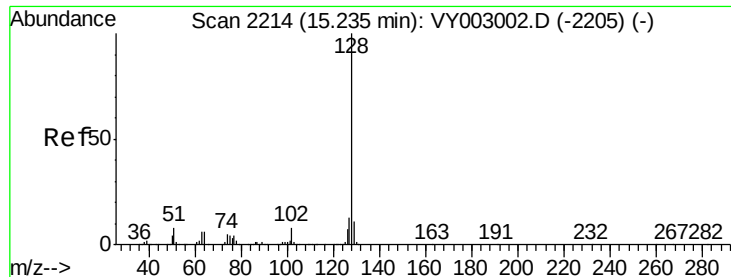
#94
 Hexachlorobutadiene
 Concen: 21.920 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003031.D
 Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105552		
223	63.7	32.4	97.0	
227	64.8	32.4	97.2	



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





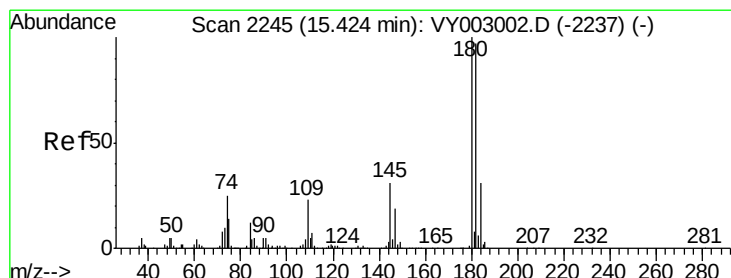
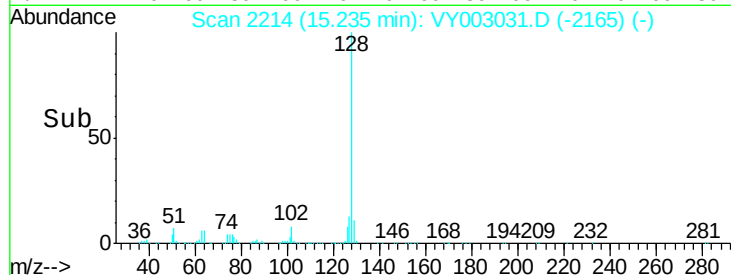
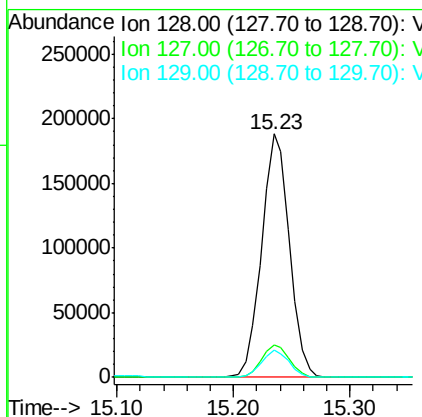
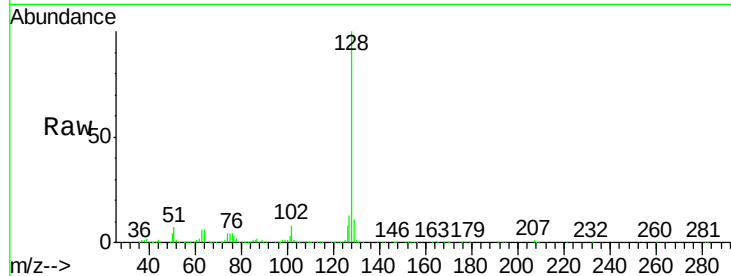
#95
Naphthalene
Concen: 22.439 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	312893		
127	13.5		10.8	16.2
129	11.1		8.8	13.2

Manual Integrations
APPROVED

sam
7/1/2020 10:11:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.498 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003031.D
Acq: 30 Jun 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	142511		
182	97.2		47.8	143.3
145	30.1		14.7	44.1

