

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002150.D
 Acq On : 31 Mar 2020 21:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:02:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	149576	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	281240	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	253479	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	116088	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	79853	48.29	ug/l	0.01
Spiked Amount			Recovery	=	96.58%	
35) Dibromofluoromethane	7.75	113	74658	47.38	ug/l	0.02
Spiked Amount			Recovery	=	94.76%	
50) Toluene-d8	10.20	98	309507	47.28	ug/l	0.01
Spiked Amount			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.50	95	110108	48.09	ug/l	0.01
Spiked Amount			Recovery	=	96.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	41334	41.748	ug/l	97
3) Chloromethane	2.13	50	73474	42.033	ug/l	95
4) Vinyl Chloride	2.27	62	76349	42.946	ug/l	98
5) Bromomethane	2.67	94	56757	48.921	ug/l	99
6) Chloroethane	2.82	64	52630	46.105	ug/l	94
7) Trichlorofluoromethane	3.15	101	105510	43.309	ug/l	92
8) Diethyl Ether	3.55	74	46441	45.007	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	69548	43.512	ug/l	100
10) Methyl Iodide	4.13	142	81290	42.771	ug/l	98
11) Tert butyl alcohol	4.99	59	42242	216.784	ug/l	96
12) 1,1-Dichloroethene	3.91	96	72308	44.551	ug/l	96
13) Acrolein	3.76	56	62645	257.224	ug/l	97
14) Allyl chloride	4.52	41	137618	46.317	ug/l	98
15) Acrylonitrile	5.21	53	122815	227.085	ug/l	99
16) Acetone	3.98	43	82387	177.346	ug/l	96
17) Carbon Disulfide	4.23	76	239028	44.377	ug/l	99
18) Methyl Acetate	4.51	43	52661	43.654	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	211824	46.784	ug/l	100
20) Methylene Chloride	4.76	84	88753	45.705	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	86062	46.571	ug/l	98
22) Diisopropyl ether	6.16	45	295903	48.664	ug/l	95
23) Vinyl Acetate	6.10	43	944044	236.767	ug/l	98
24) 1,1-Dichloroethane	6.06	63	155915	48.226	ug/l	99
25) 2-Butanone	7.02	43	149258	209.242	ug/l	98
26) 2,2-Dichloropropane	7.02	77	116370	43.705	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	97865	48.138	ug/l	99
28) Bromochloromethane	7.37	49	74217	50.284	ug/l	100
29) Tetrahydrofuran	7.38	42	104815	224.115	ug/l	99
30) Chloroform	7.54	83	146870	47.928	ug/l	98
31) Cyclohexane	7.82	56	148291	43.046	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	119822	46.832	ug/l	99
36) 1,1-Dichloropropene	7.95	75	118810	44.663	ug/l	99
37) Ethyl Acetate	7.11	43	69685	43.349	ug/l	99
38) Carbon Tetrachloride	7.93	117	102708	45.508	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	154945	44.406	ug/l	99
40) Benzene	8.19	78	368441	46.759	ug/l	99
41) Methacrylonitrile	7.38	41	93022	114.400	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	97233	46.479	ug/l	99
43) Isopropyl Acetate	8.30	43	133387	44.706	ug/l	99
44) Trichloroethene	8.97	130	87975	46.317	ug/l	99
45) 1,2-Dichloropropane	9.24	63	94947	47.324	ug/l	98
46) Dibromomethane	9.33	93	48218	46.797	ug/l	99
47) Bromodichloromethane	9.52	83	114619	47.785	ug/l	99
48) Methyl methacrylate	9.31	41	58741	43.933	ug/l	98
49) 1,4-Dioxane	9.31	88	12362	874.307	ug/l	89
51) 4-Methyl-2-Pentanone	10.09	43	346869	225.777	ug/l	100
52) Toluene	10.27	92	225397	47.294	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	124557	46.785	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	145076	46.283	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	70868	46.471	ug/l	99
56) Ethyl methacrylate	10.53	69	102027	45.806	ug/l	99
57) 1,3-Dichloropropane	10.81	76	123687	45.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	267494	233.719	ug/l	100
59) 2-Hexanone	10.85	43	231890	214.272	ug/l	99
60) Dibromochloromethane	11.00	129	75240	47.149	ug/l	99
61) 1,2-Dibromoethane	11.11	107	65972	46.219	ug/l	100
64) Tetrachloroethene	10.74	164	72529	46.767	ug/l	96
65) Chlorobenzene	11.53	112	231095	47.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	78577	48.002	ug/l	100
67) Ethyl Benzene	11.61	91	432277	47.568	ug/l	99
68) m/p-Xylenes	11.72	106	318018	94.648	ug/l	99
69) o-Xylene	12.05	106	151753	47.611	ug/l	100
70) Styrene	12.06	104	266480	48.249	ug/l	99
71) Bromoform	12.23	173	42591	47.505	ug/l #	99
73) Isopropylbenzene	12.34	105	407673	47.341	ug/l	99
74) N-amyl acetate	12.16	43	121774	44.836	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	85674	46.234	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	109152	84.057	ug/l #	100
77) Bromobenzene	12.63	156	88415	48.096	ug/l	98
78) n-propylbenzene	12.69	91	505443	47.297	ug/l	99
79) 2-Chlorotoluene	12.77	91	277936	47.368	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	338689	47.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	30053	44.837	ug/l	98
82) 4-Chlorotoluene	12.87	91	289232	46.778	ug/l	98
83) tert-Butylbenzene	13.09	119	277918	46.863	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	337392	47.596	ug/l	99
85) sec-Butylbenzene	13.27	105	413657	47.092	ug/l	99
86) p-Isopropyltoluene	13.38	119	356625	47.278	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	169342	47.089	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	170537	47.124	ug/l	99
89) n-Butylbenzene	13.71	91	362400	46.110	ug/l	100
90) Hexachloroethane	13.97	117	67814	47.710	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	155448	46.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12631	42.553	ug/l	98

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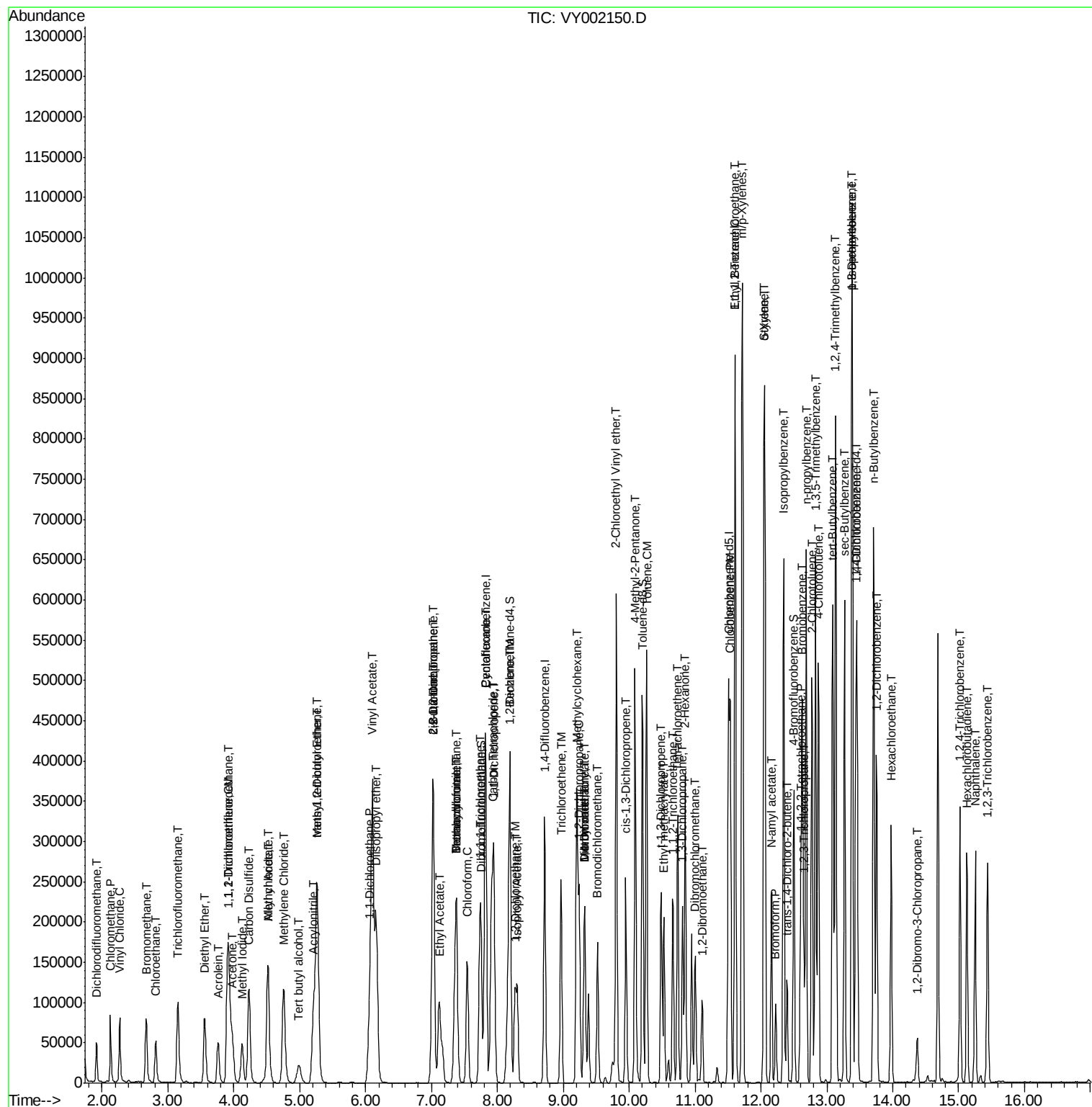
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	97212	45.413	ug/l	97
94) Hexachlorobutadiene	15.12	225	46239	43.761	ug/l	99
95) Naphthalene	15.25	128	227909	44.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	86037	44.323	ug/l	99

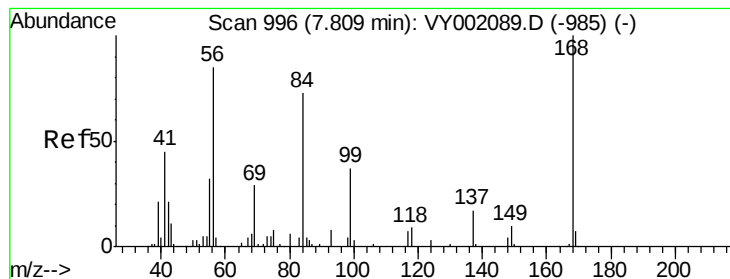
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

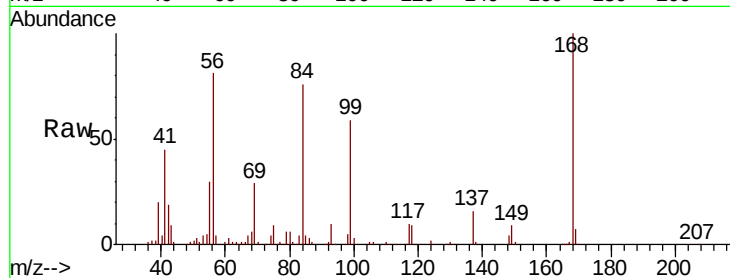
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 149576

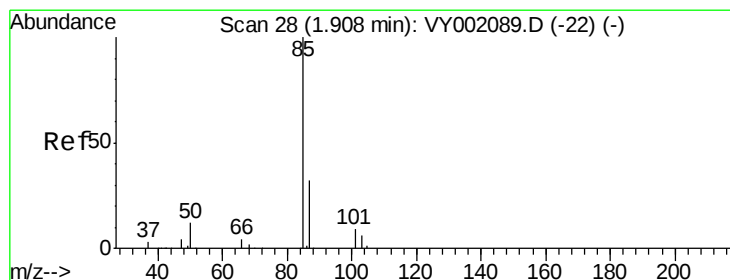
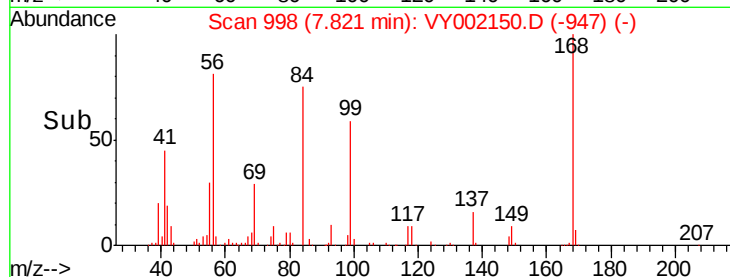
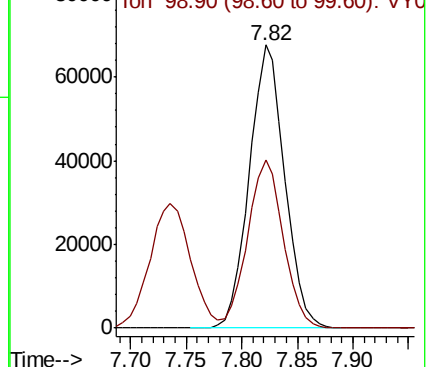
Ion Ratio Lower Upper

168 100

99 59.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002150.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 41.748 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002150.D

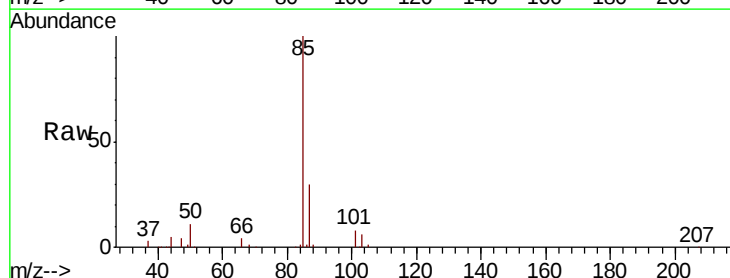
Acq: 31 Mar 2020 21:34

Tgt Ion: 85 Resp: 41334

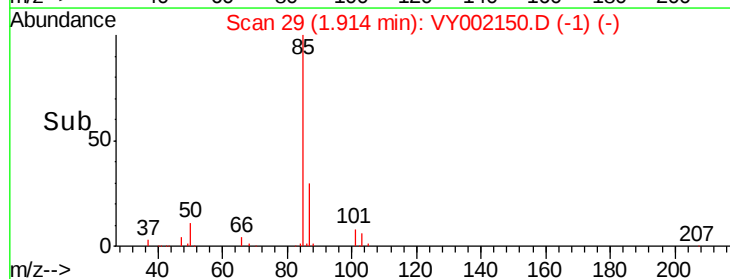
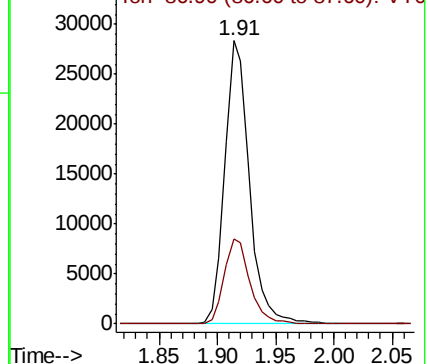
Ion Ratio Lower Upper

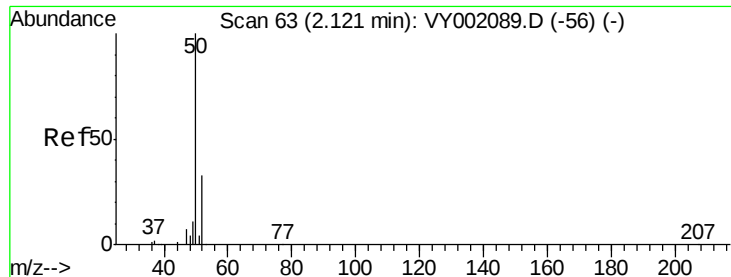
85 100

87 30.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002150.D (-1) (-)





#3

Chloromethane

Concen: 42.033 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

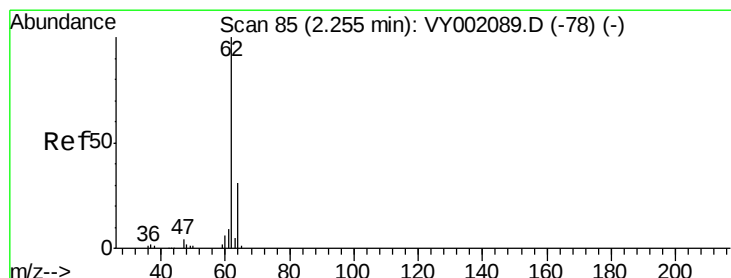
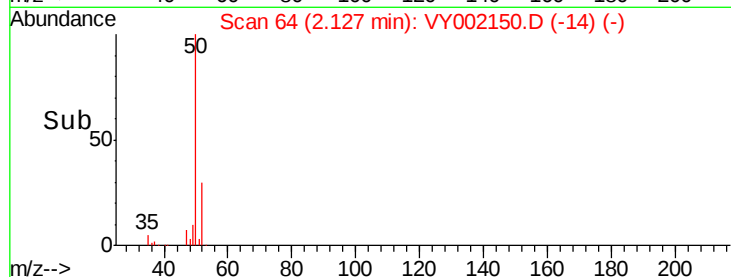
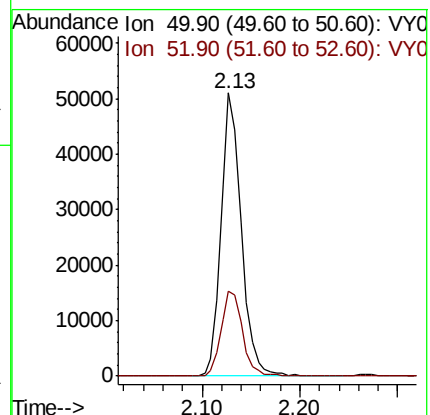
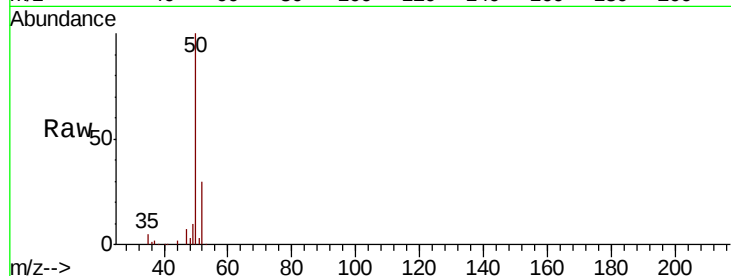
ClientSampleId :

Tot Ion: 50 Resp: 73474

Ion Ratio Lower Upper

50 100

52 30.1 26.1 39.1



#4

Vinyl Chloride

Concen: 42.946 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002150.D

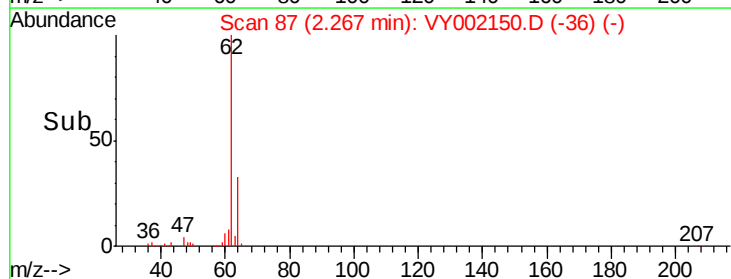
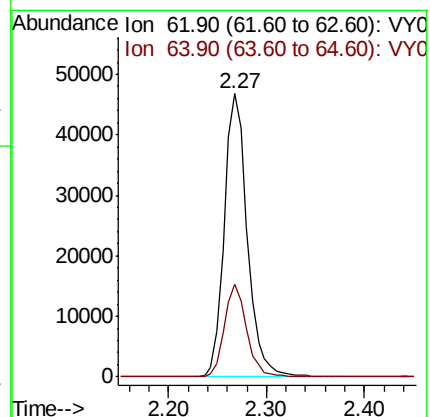
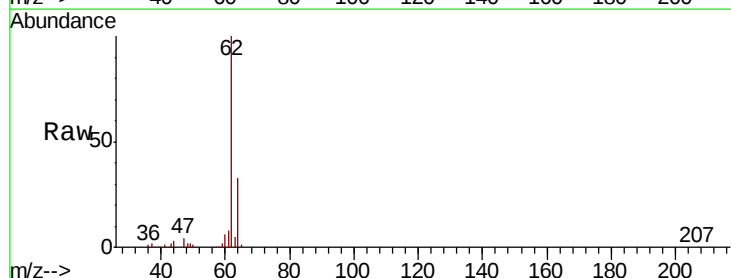
Acq: 31 Mar 2020 21:34

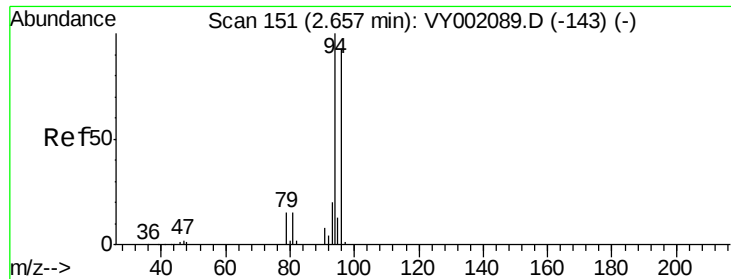
Tgt Ion: 62 Resp: 76349

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 48.921 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

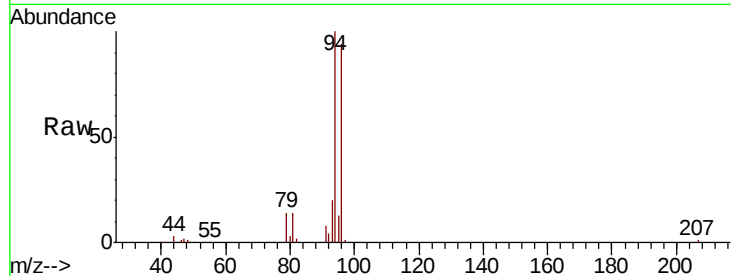
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 56757

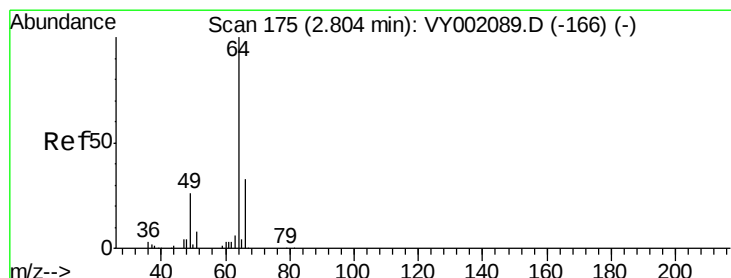
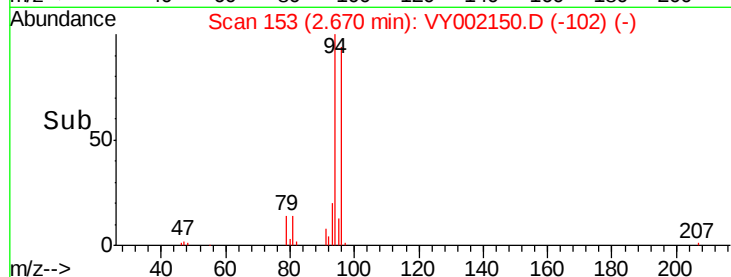
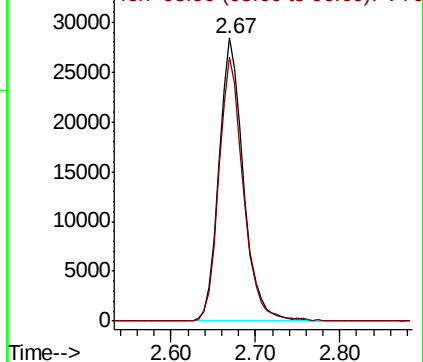
Ion Ratio Lower Upper

94 100

96 93.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.105 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002150.D

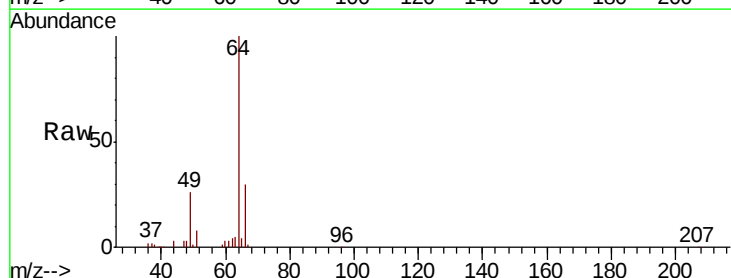
Acq: 31 Mar 2020 21:34

Tgt Ion: 64 Resp: 52630

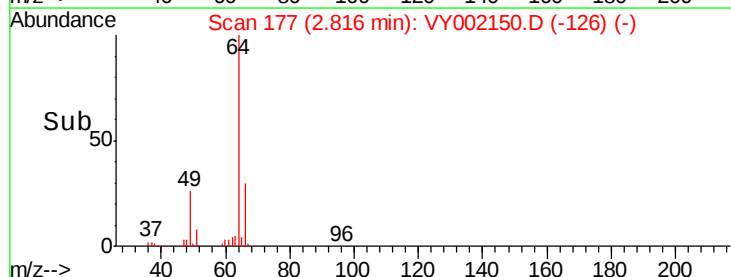
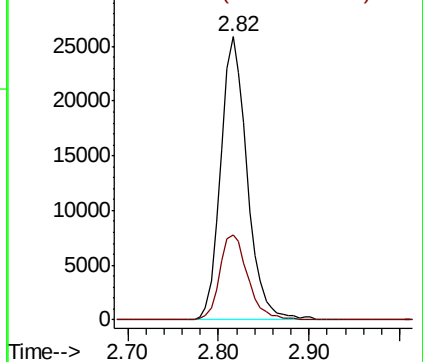
Ion Ratio Lower Upper

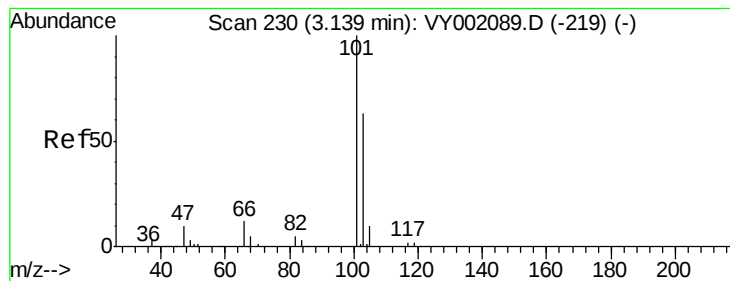
64 100

66 29.9 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



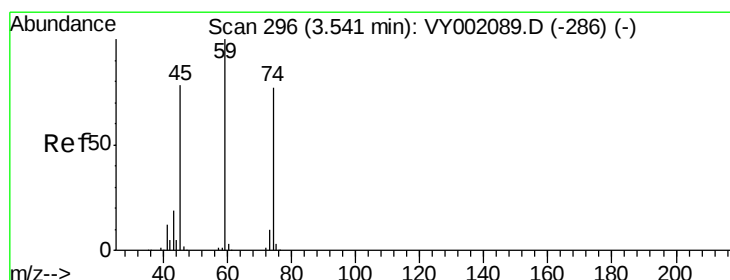
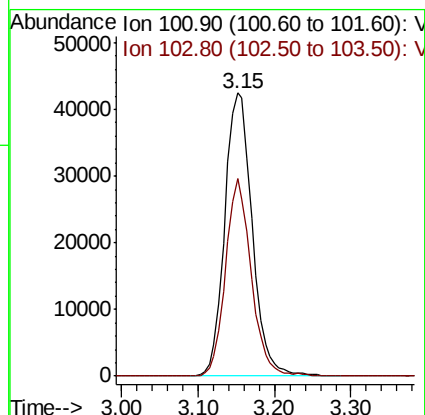
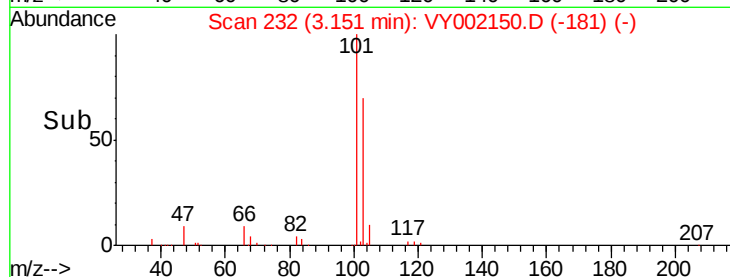
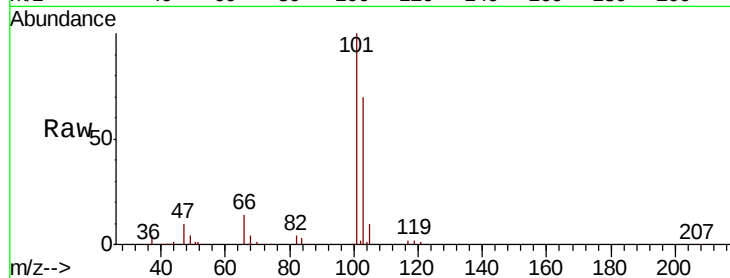


#7

Trichlorofluoromethane
Concen: 43.309 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
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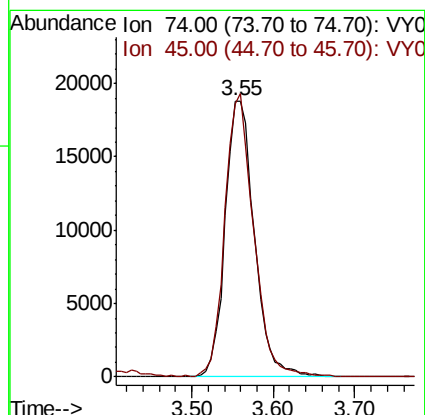
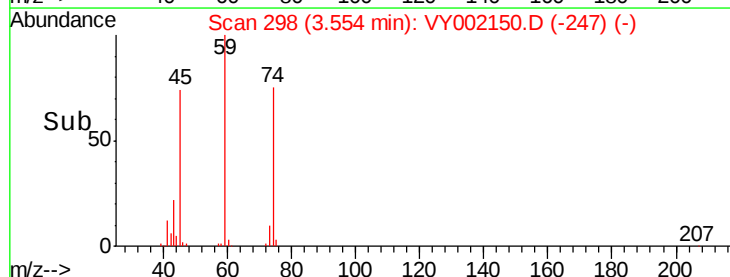
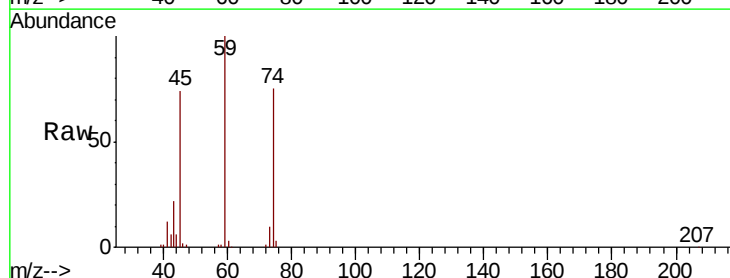
Tot Ion:101 Resp: 105510
Ion Ratio Lower Upper
101 100
103 69.8 50.6 76.0

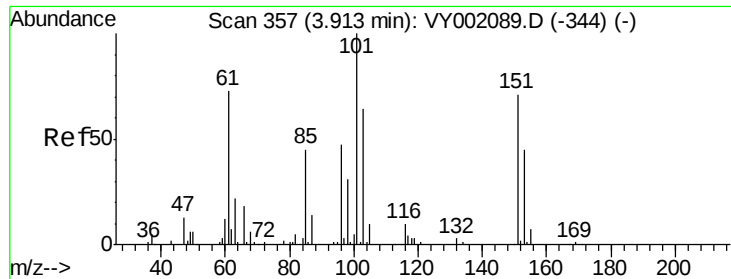


#8

Diethyl Ether
Concen: 45.007 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 74 Resp: 46441
Ion Ratio Lower Upper
74 100
45 101.1 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.512 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

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ClientSampleId :

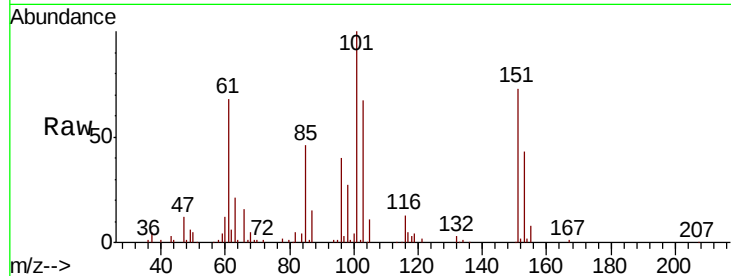
Tot Ion:101 Resp: 69548

Ion Ratio Lower Upper

101 100

85 44.9 35.9 53.9

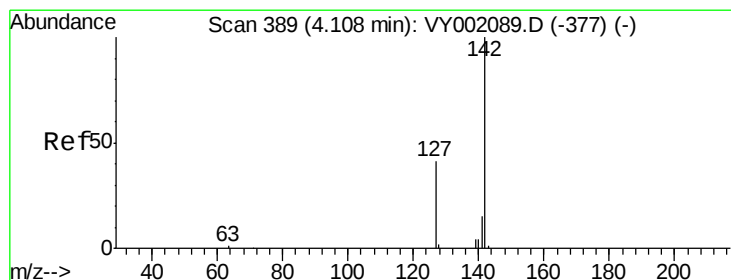
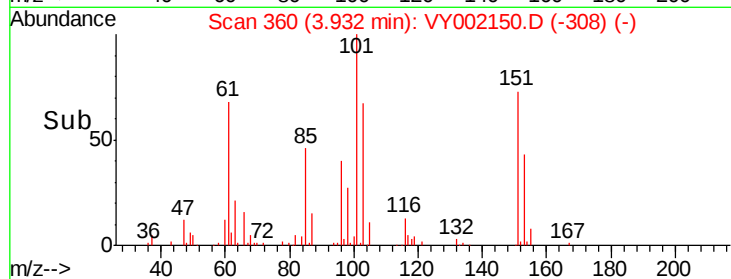
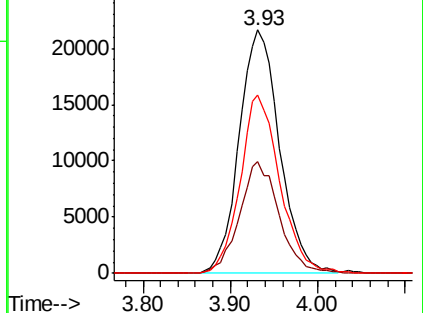
151 71.8 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.771 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

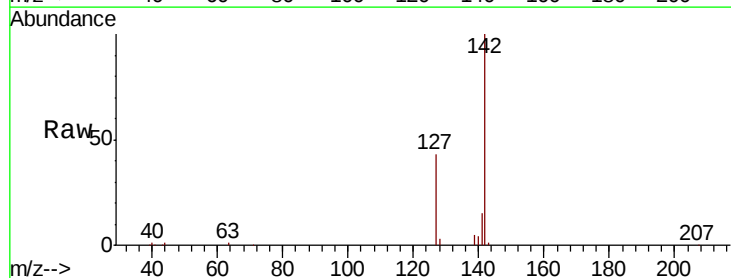
Tgt Ion:142 Resp: 81290

Ion Ratio Lower Upper

142 100

127 42.2 32.6 49.0

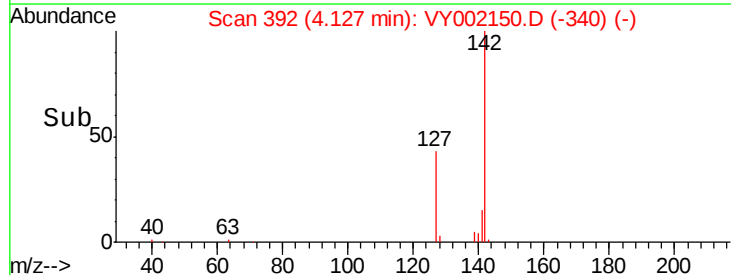
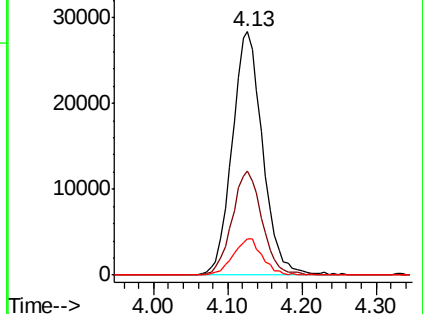
141 14.3 11.4 17.0

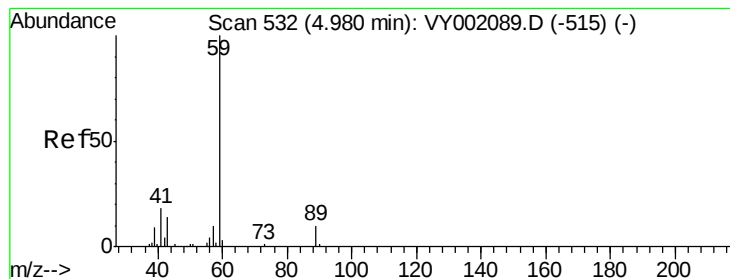


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



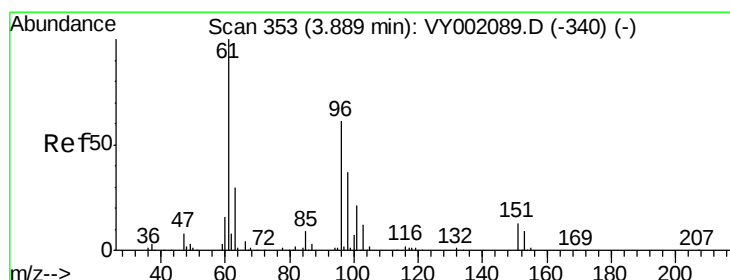
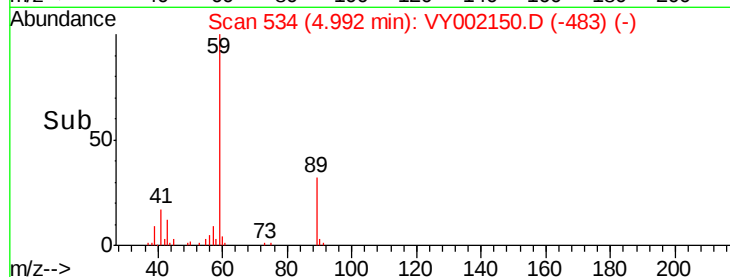
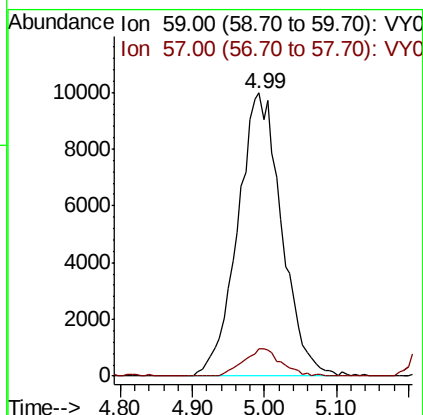
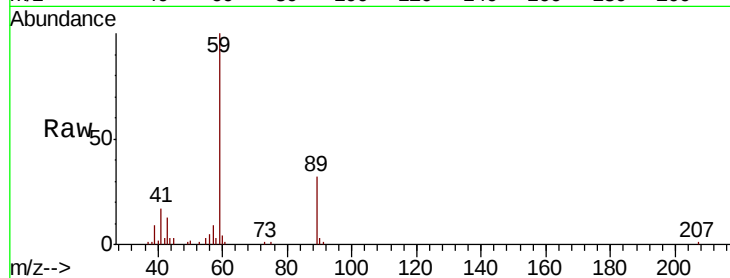


#11

Tert butyl alcohol
 Concen: 216.784 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampled :

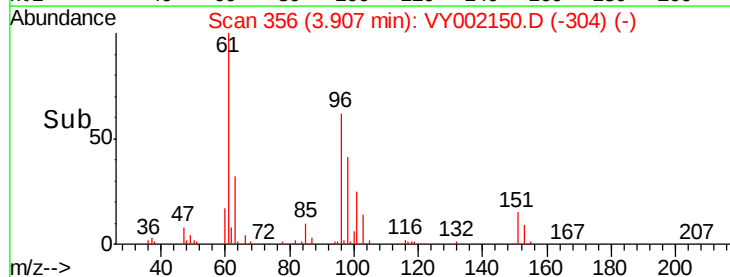
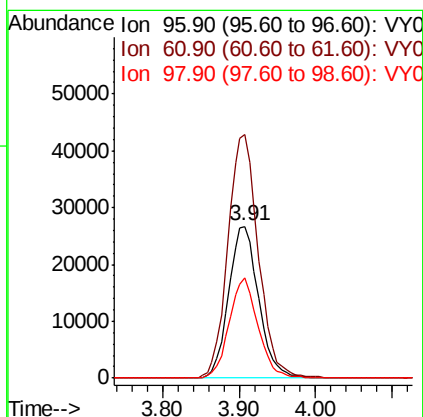
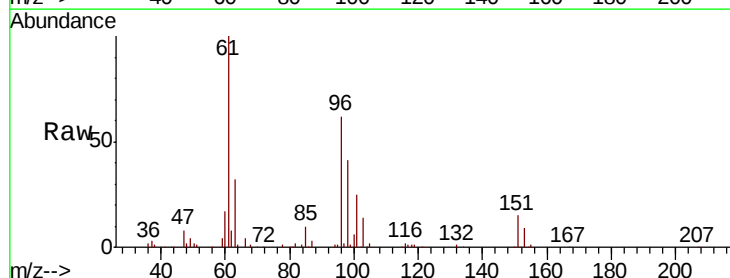
Tot Ion: 59 Resp: 42242
 Ion Ratio Lower Upper
 59 100
 57 8.2 7.7 11.5

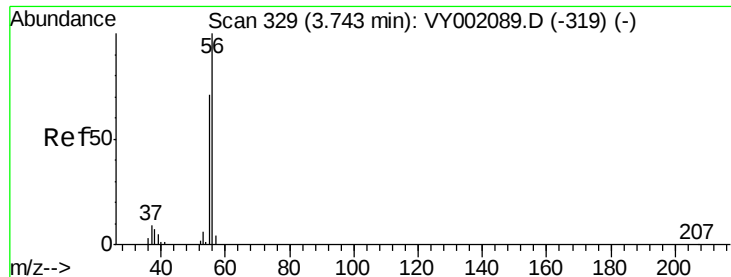


#12

1,1-Dichloroethene
 Concen: 44.551 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.02 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 96 Resp: 72308
 Ion Ratio Lower Upper
 96 100
 61 160.4 132.0 198.0
 98 65.9 49.4 74.0





#13

Acrolein

Concen: 257.224 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

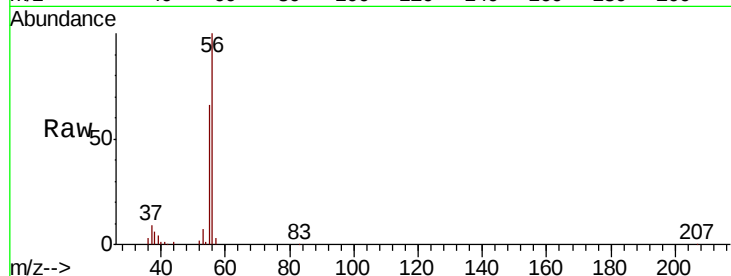
ClientSampled :

Tot Ion: 56 Resp: 62645

Ion Ratio Lower Upper

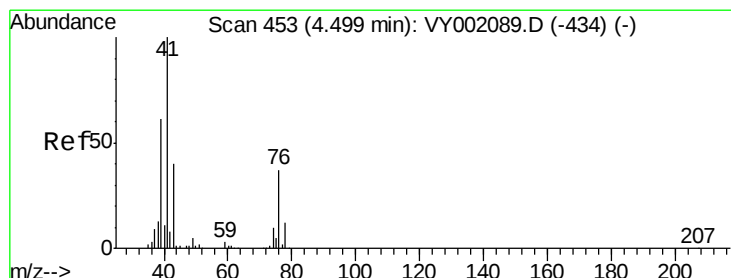
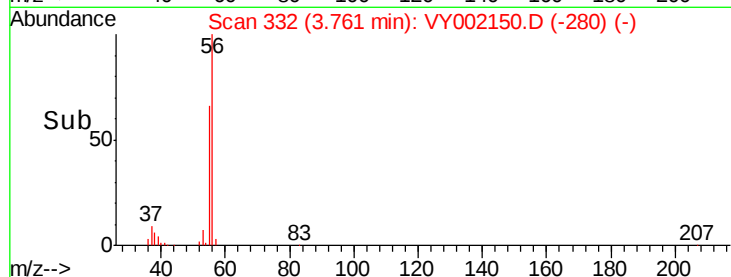
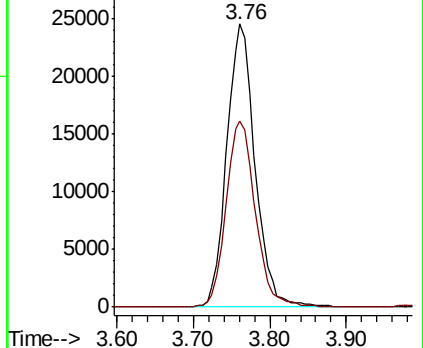
56 100

55 68.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 46.317 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

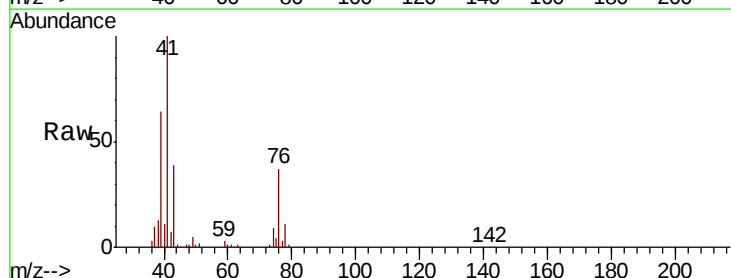
Tgt Ion: 41 Resp: 137618

Ion Ratio Lower Upper

41 100

39 63.0 49.0 73.4

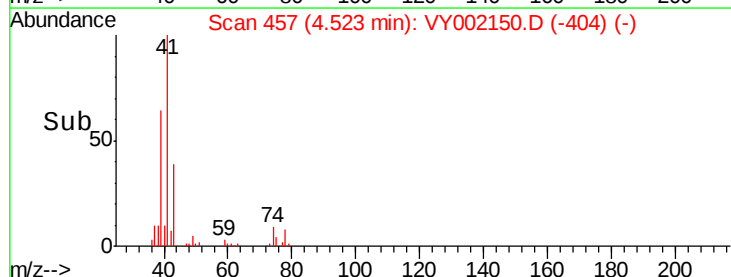
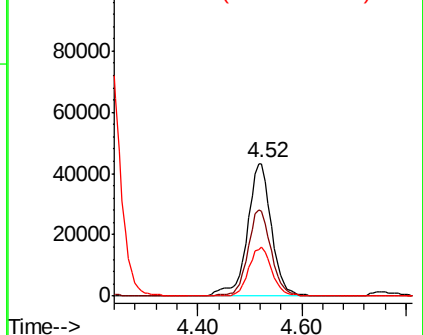
76 35.4 27.8 41.8

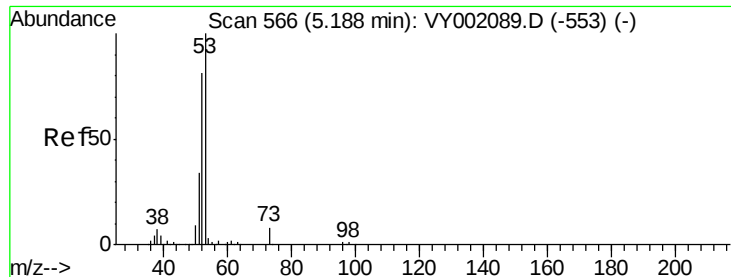


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 227.085 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

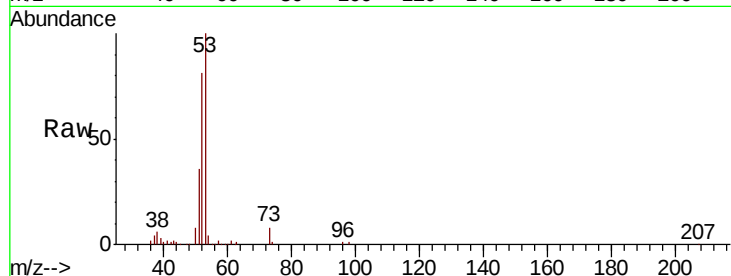
Tot Ion: 53 Resp: 122815

Ion Ratio Lower Upper

53 100

52 80.5 64.6 97.0

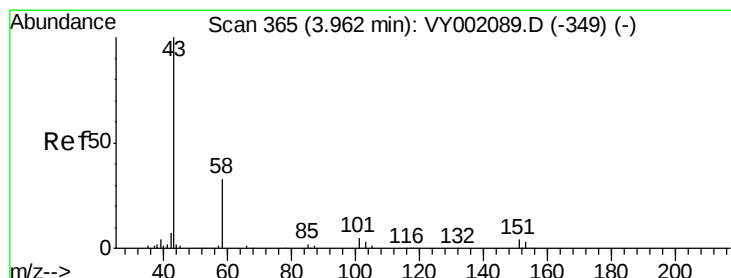
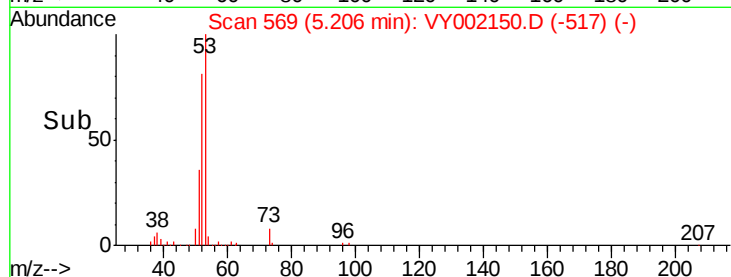
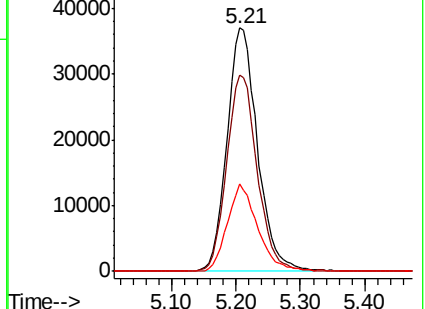
51 35.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 177.346 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002150.D

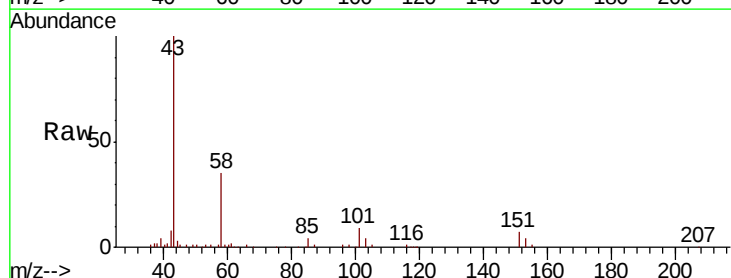
Acq: 31 Mar 2020 21:34

Tgt Ion: 43 Resp: 82387

Ion Ratio Lower Upper

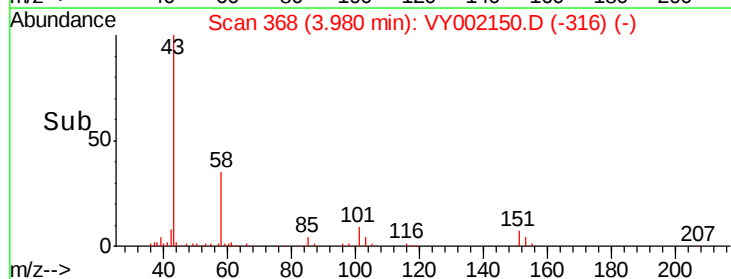
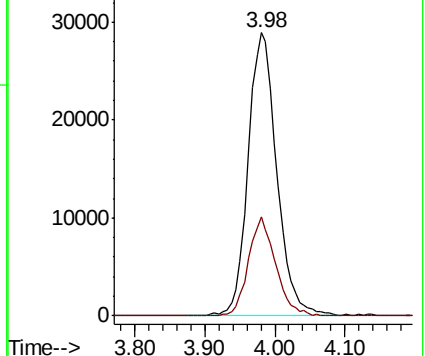
43 100

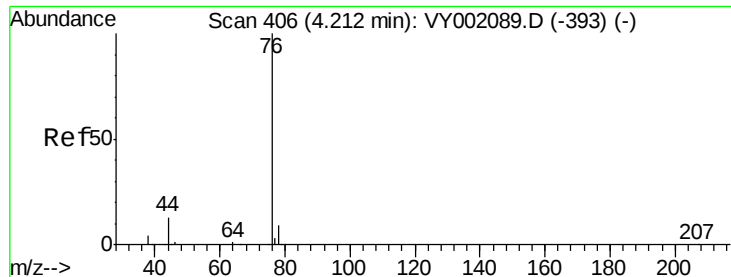
58 35.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

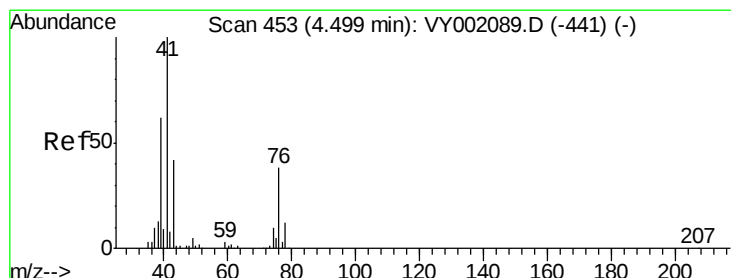
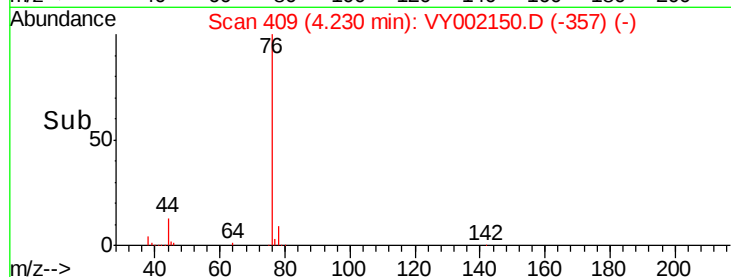
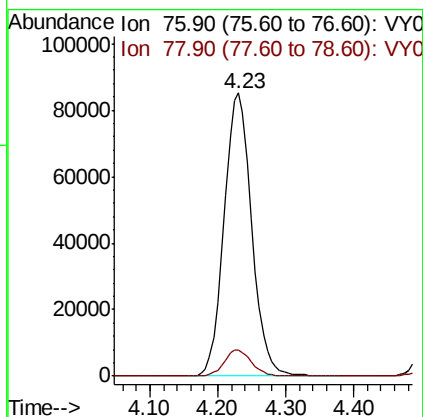
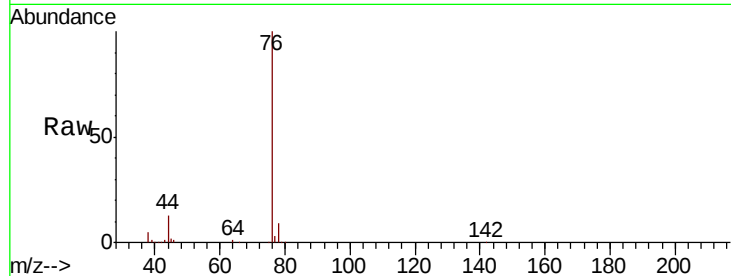




#17
Carbon Disulfide
Concen: 44.377 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

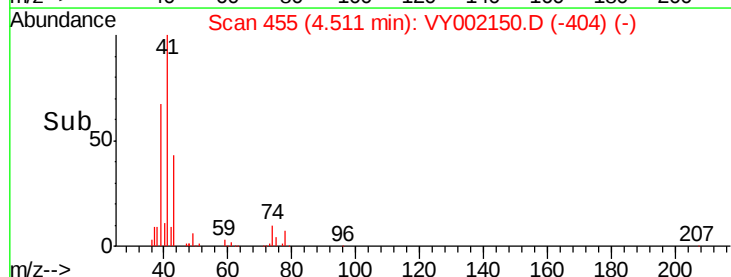
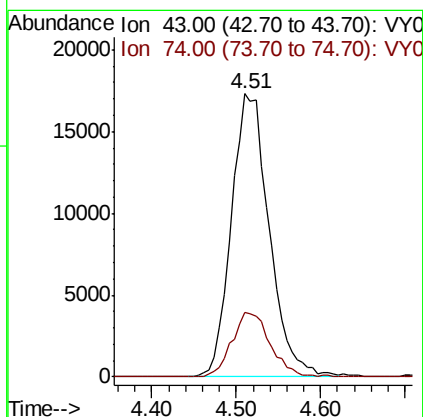
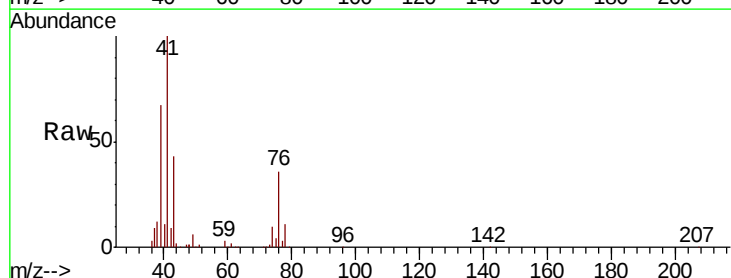
Instrument :
MSVOA_Y
ClientSampleId :

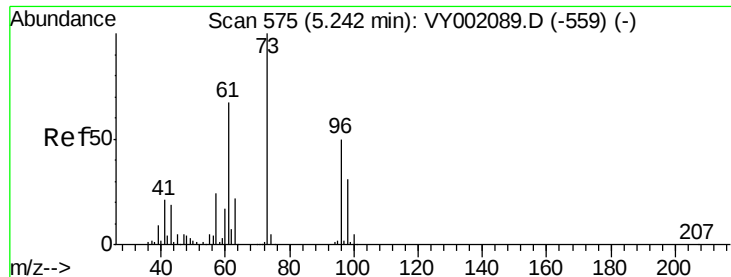
Tot Ion: 76 Resp: 239028
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 43.654 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 43 Resp: 52661
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5

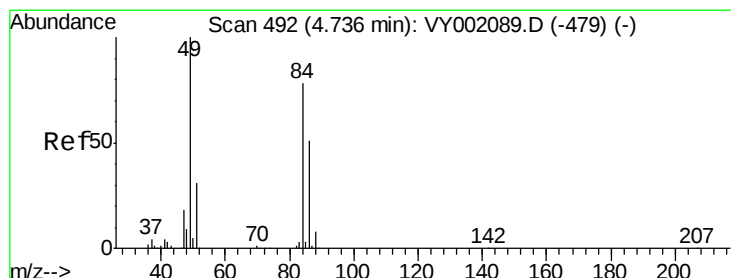
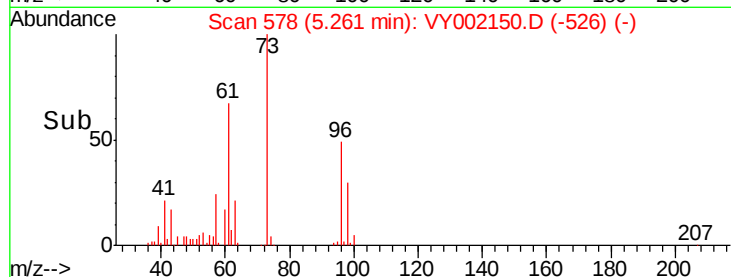
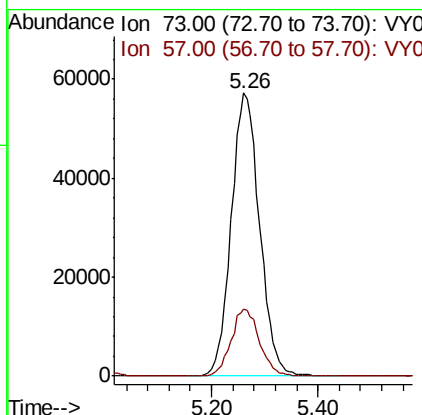
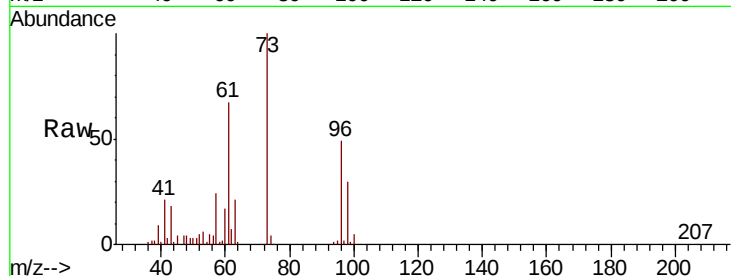




#19
Methvl tert-butvl Ether
Concen: 46.784 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

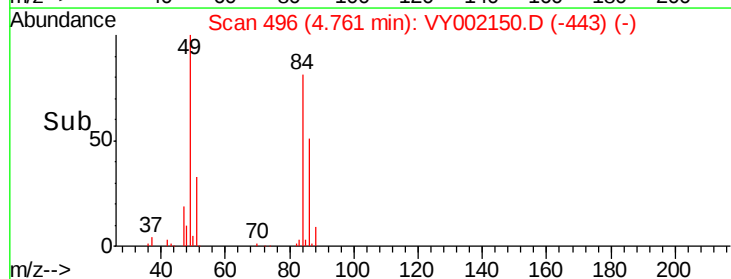
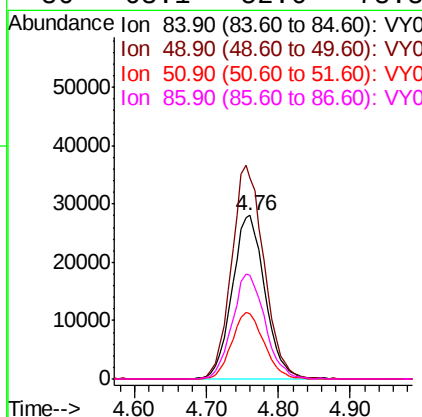
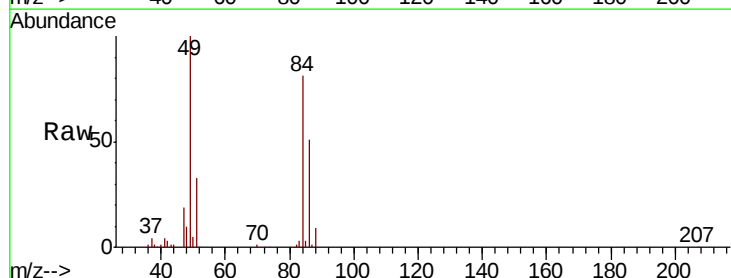
Instrument :
MSVOA_Y
ClientSampleId :

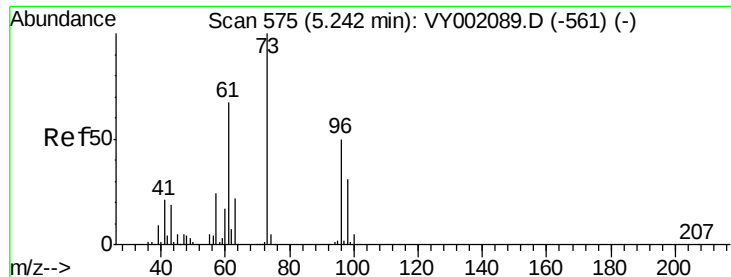
Tot Ion: 73 Resp: 211824
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6



#20
Methylene Chloride
Concen: 45.705 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 84 Resp: 88753
Ion Ratio Lower Upper
84 100
49 123.4 102.2 153.4
51 40.2 31.2 46.8
86 63.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.571 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

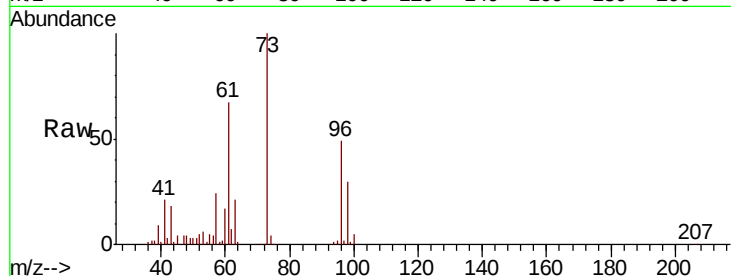
Tot Ion: 96 Resp: 86062

Ion Ratio Lower Upper

96 100

61 136.1 107.7 161.5

98 61.3 50.5 75.7

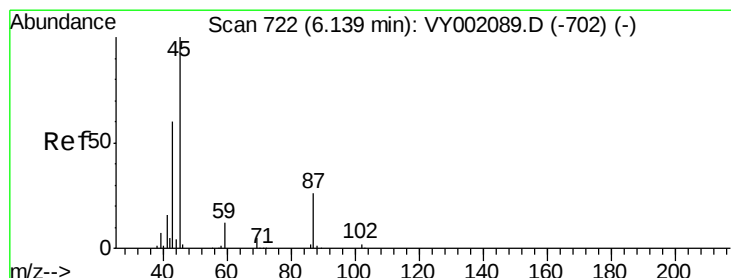
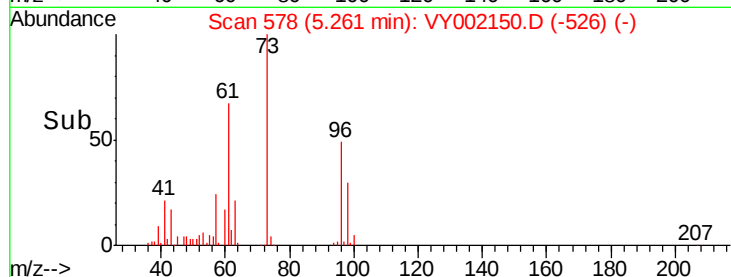
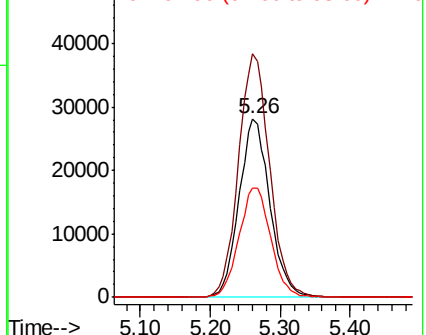


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 48.664 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Tgt Ion: 45 Resp: 295903

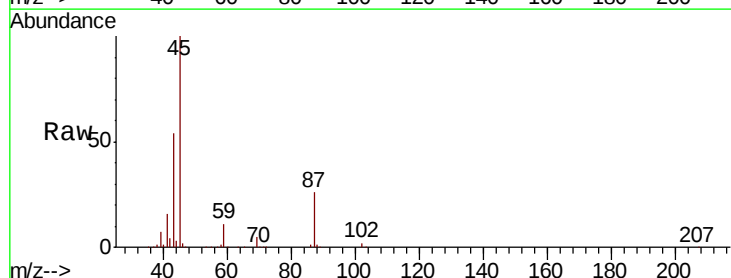
Ion Ratio Lower Upper

45 100

43 54.3 48.1 72.1

87 26.0 21.1 31.7

59 11.4 9.2 13.8



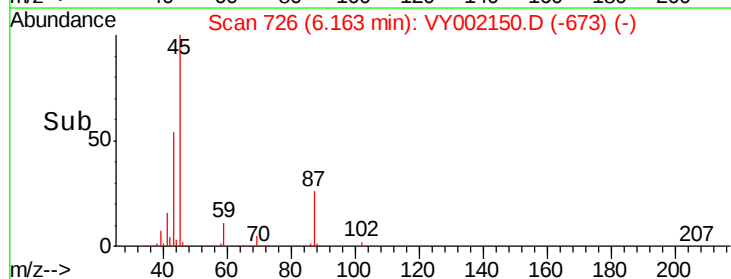
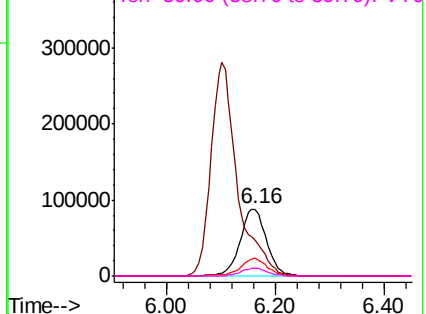
Abundance

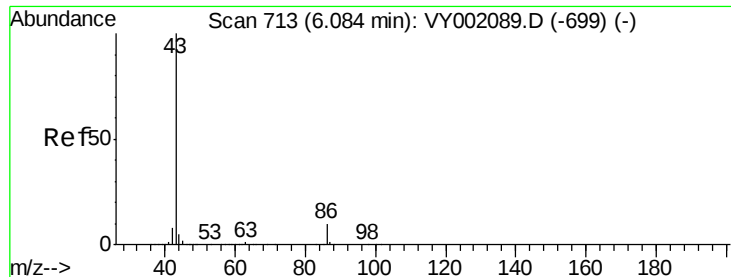
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 236.767 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

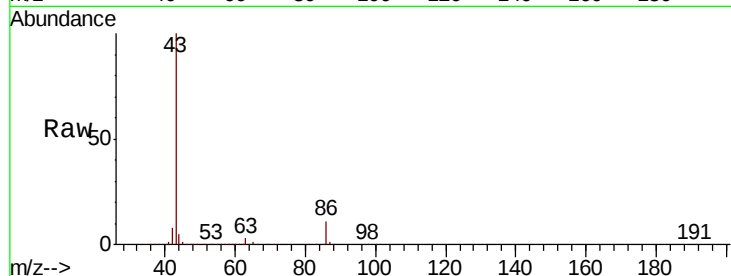
ClientSampleId :

Tot Ion: 43 Resp: 944044

Ion Ratio Lower Upper

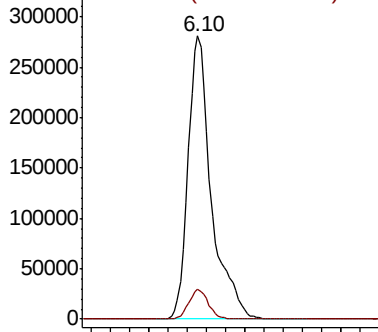
43 100

86 10.6 7.9 11.9

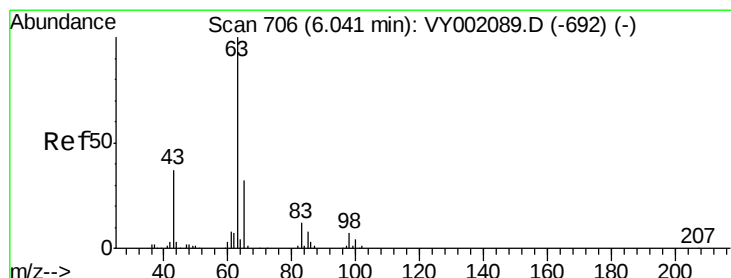
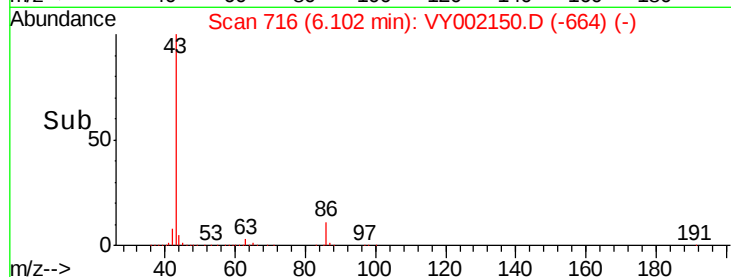


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 48.226 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

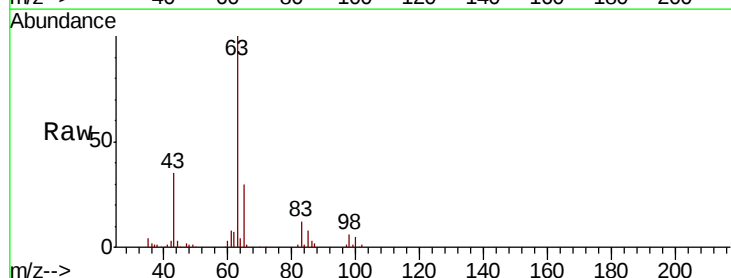
Tgt Ion: 63 Resp: 155915

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

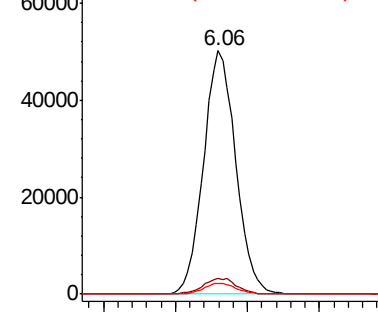
100 4.5 1.8 5.5



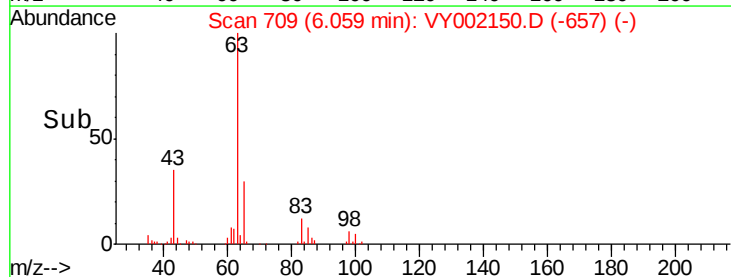
Abundance Ion 62.90 (62.60 to 63.60): VY0

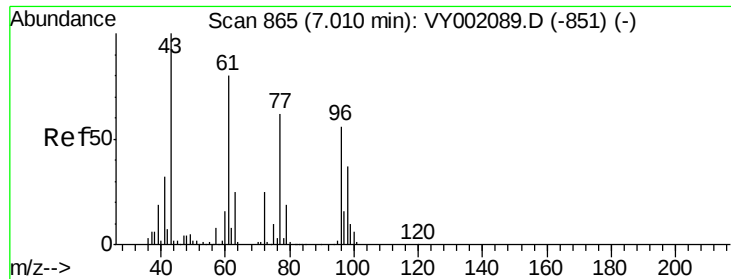
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 209.242 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

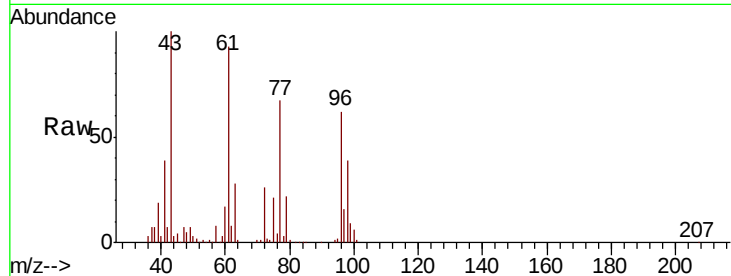
ClientSampleId :

Tot Ion: 43 Resp: 149258

Ion Ratio Lower Upper

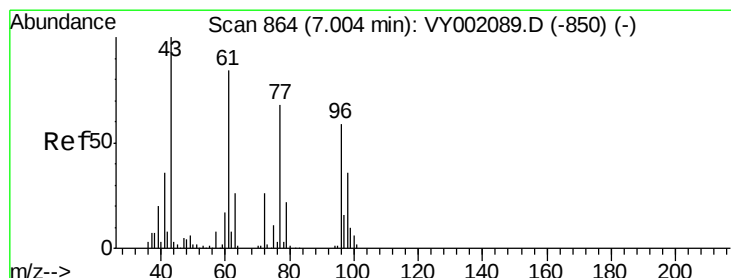
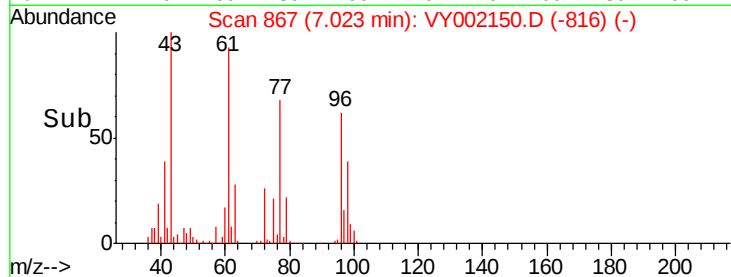
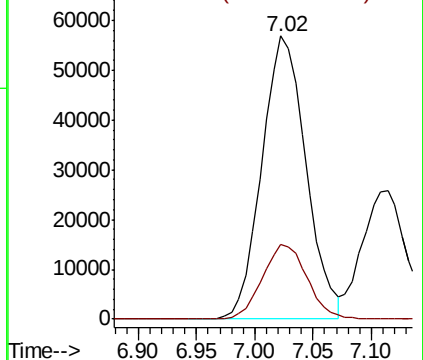
43 100

72 26.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 43.705 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002150.D

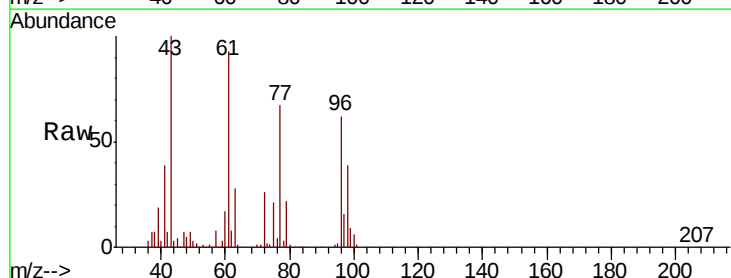
Acq: 31 Mar 2020 21:34

Tgt Ion: 77 Resp: 116370

Ion Ratio Lower Upper

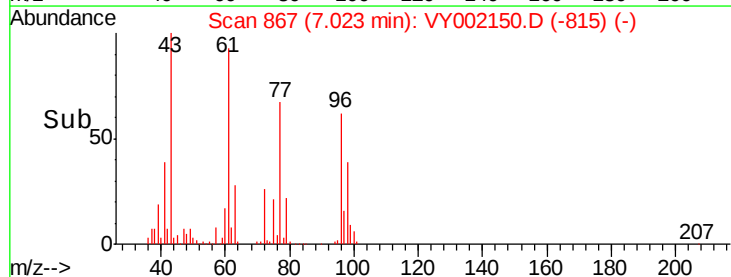
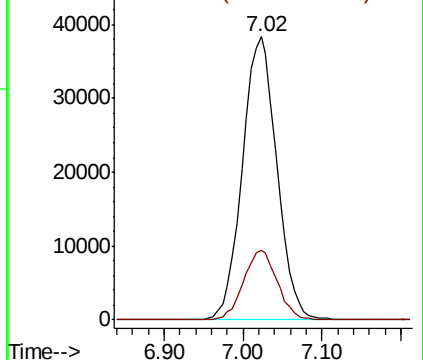
77 100

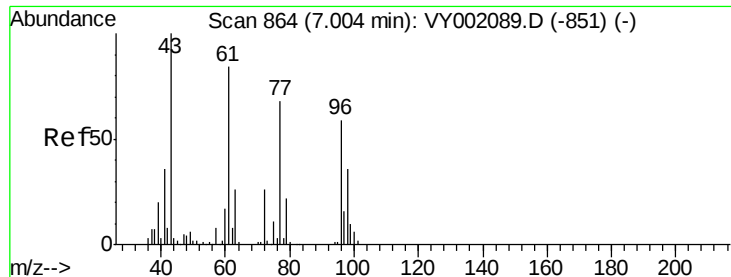
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



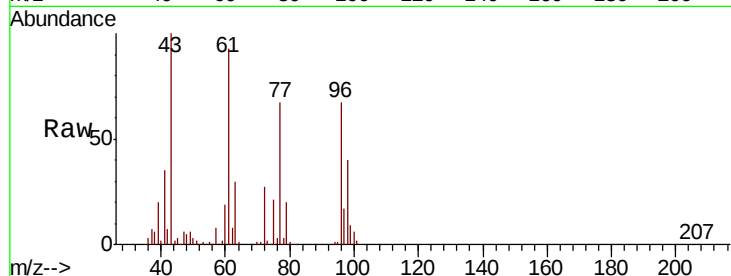


#27

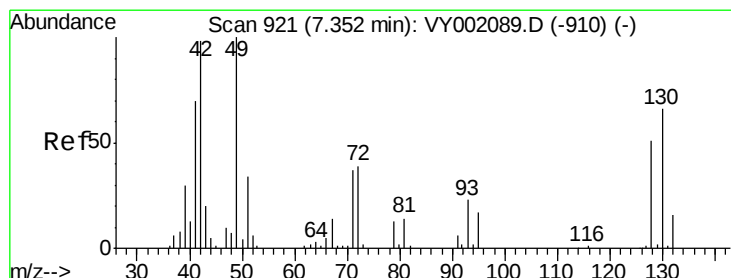
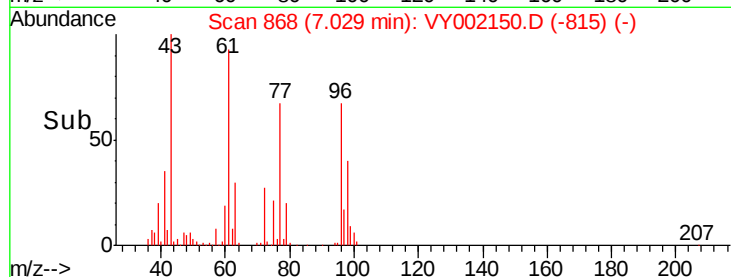
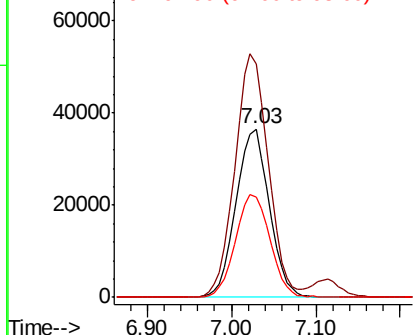
cis-1,2-Dichloroethene
Concen: 48.138 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 97865
Ion Ratio Lower Upper
96 100
61 144.3 0.0 290.6
98 63.0 0.0 128.0



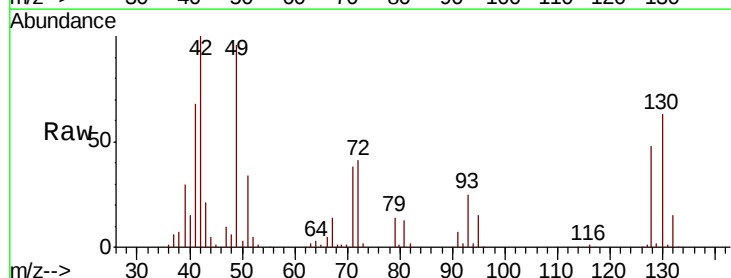
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



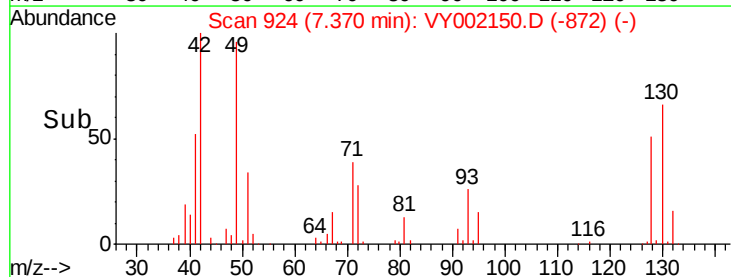
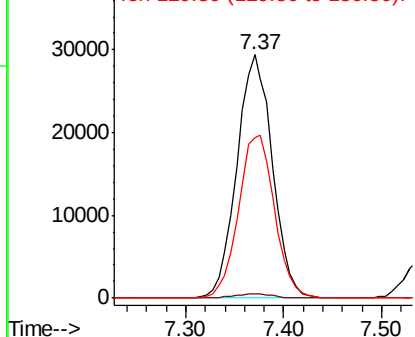
#28

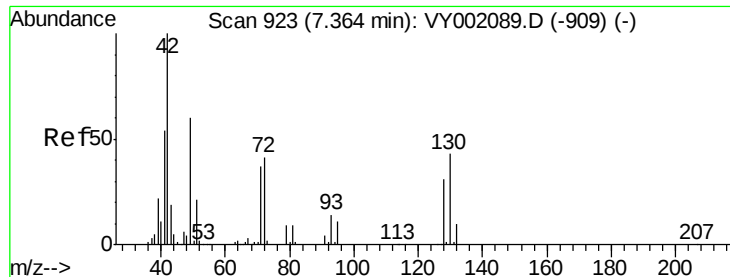
Bromochloromethane
Concen: 50.284 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 49 Resp: 74217
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 67.8 54.1 81.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

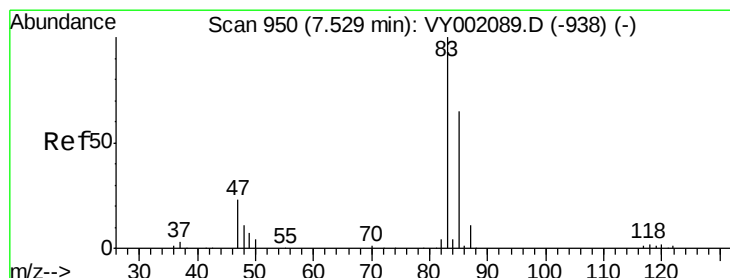
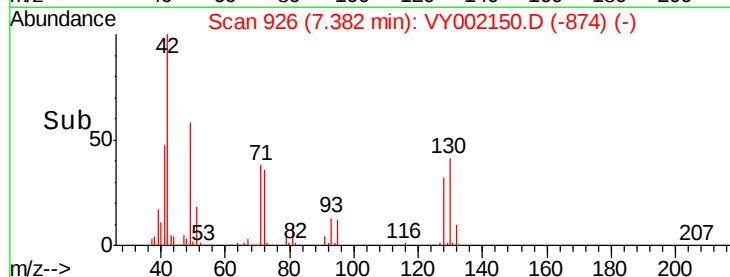
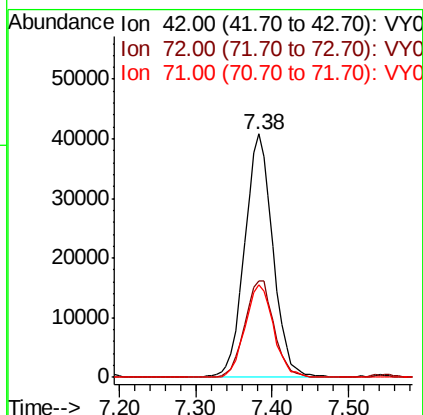
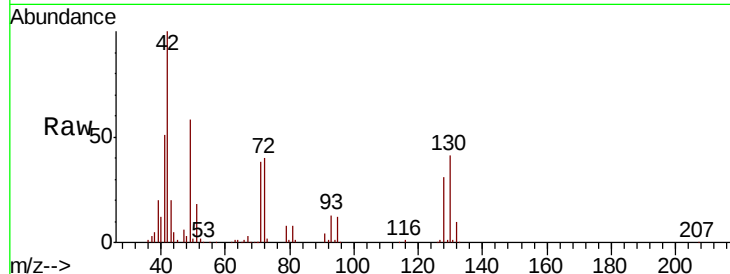




#29
Tetrahydrofuran
Concen: 224.115 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

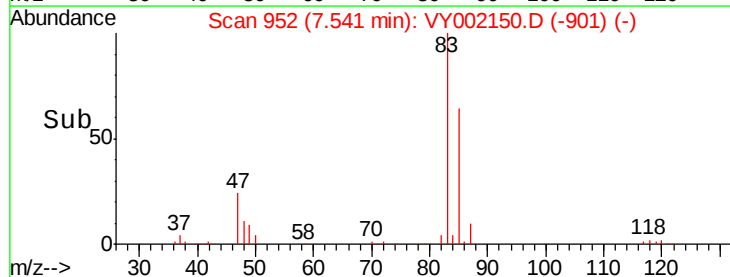
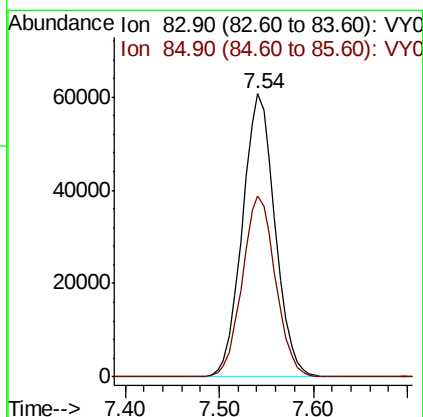
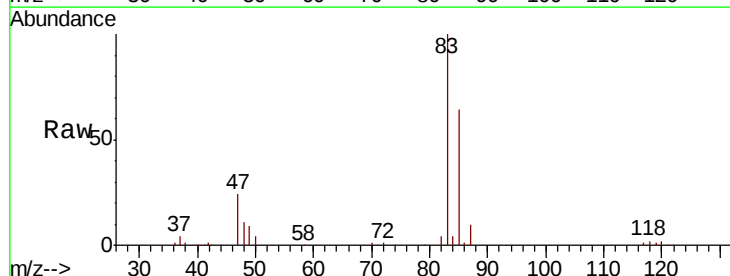
Instrument :
MSVOA_Y
ClientSampleId :

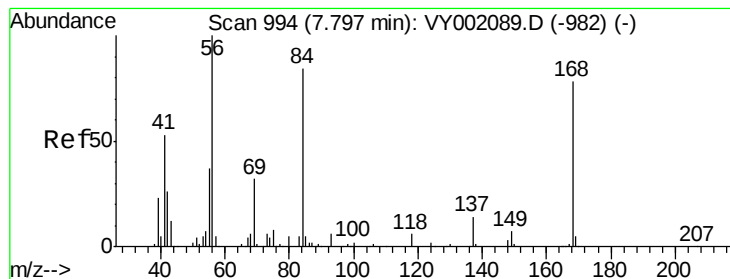
Tot Ion: 42 Resp: 104815
Ion Ratio Lower Upper
42 100
72 41.0 33.0 49.4
71 38.4 31.2 46.8



#30
Chloroform
Concen: 47.928 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 83 Resp: 146870
Ion Ratio Lower Upper
83 100
85 63.7 52.4 78.6





#31

Cyclohexane

Concen: 43.046 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampled :

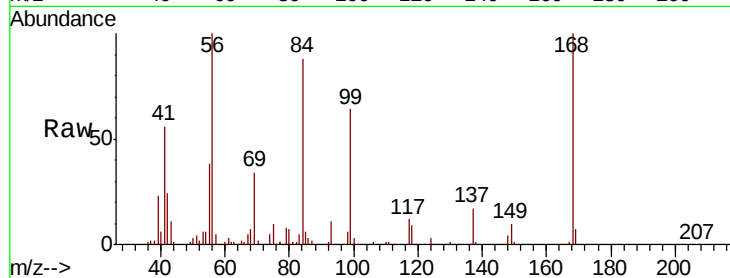
Tot Ion: 56 Resp: 148291

Ion Ratio Lower Upper

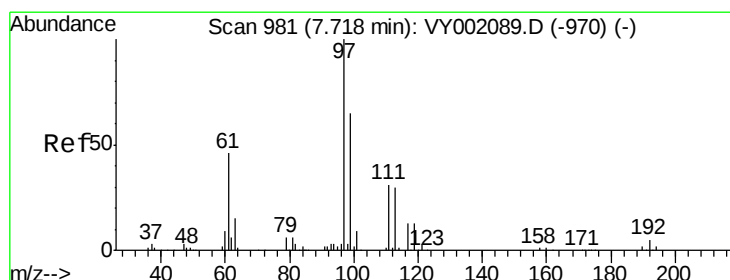
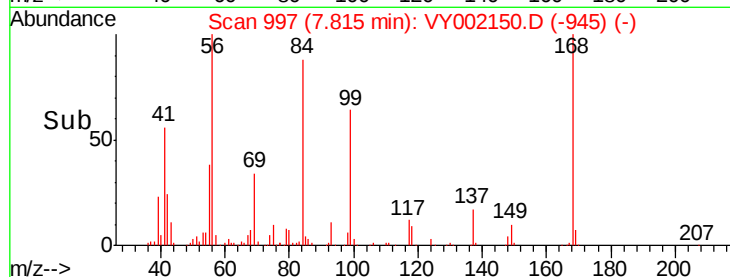
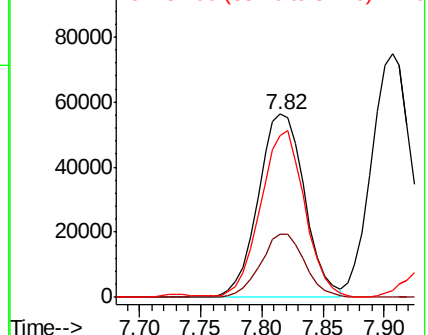
56 100

69 34.4 25.8 38.8

84 87.3 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 46.832 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.02 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

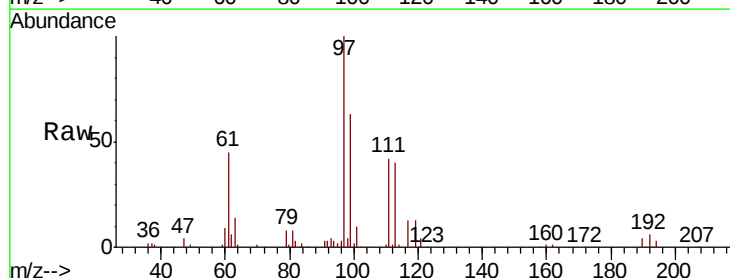
Tgt Ion: 97 Resp: 119822

Ion Ratio Lower Upper

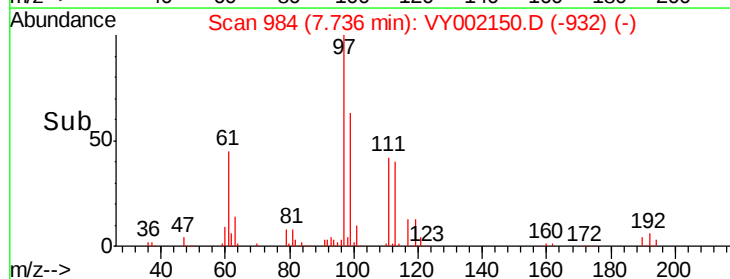
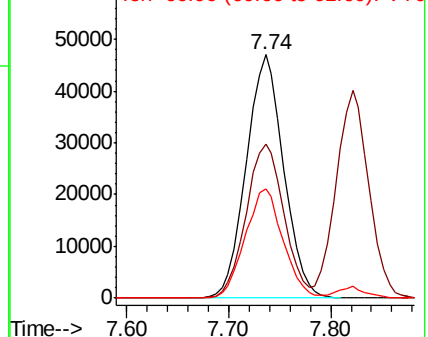
97 100

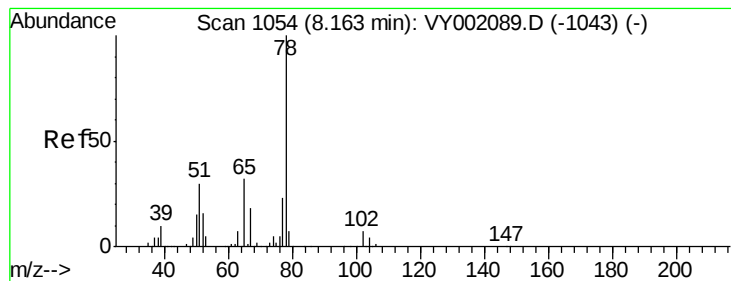
99 64.1 52.0 78.0

61 45.5 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 48.293 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

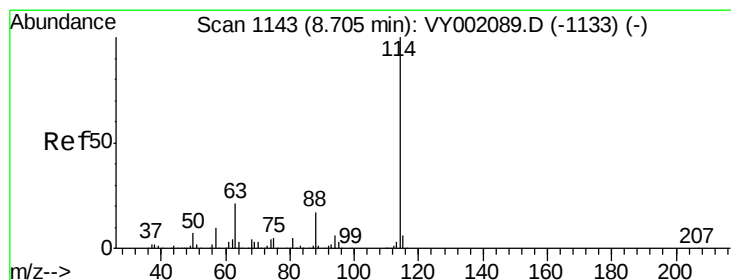
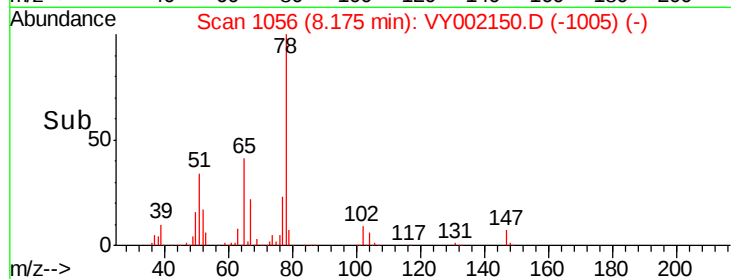
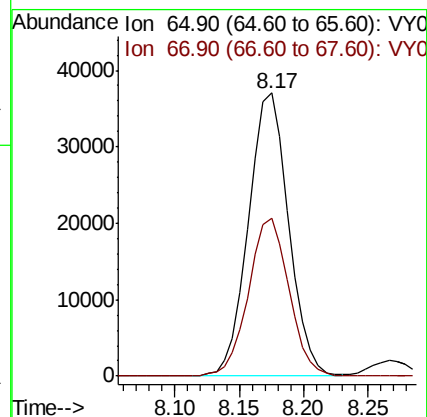
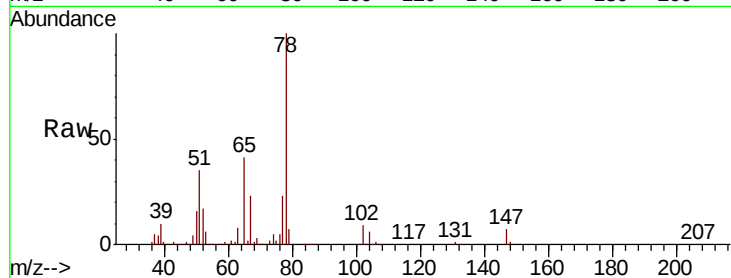
ClientSampleId :

Tot Ion: 65 Resp: 79853

Ion Ratio Lower Upper

65 100

67 56.4 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

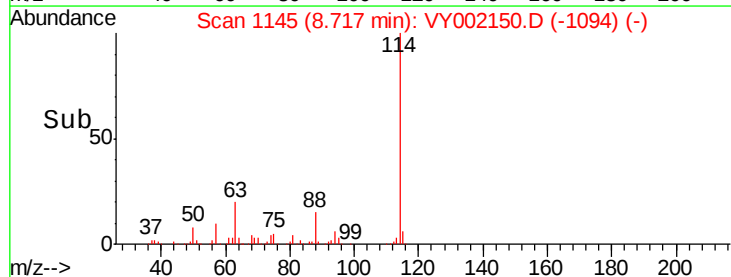
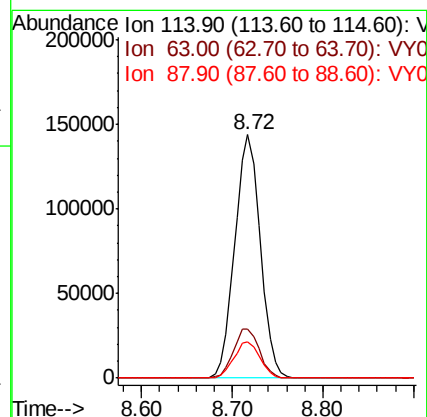
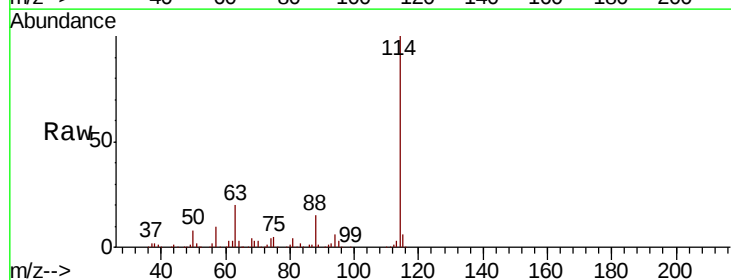
Tgt Ion: 114 Resp: 281240

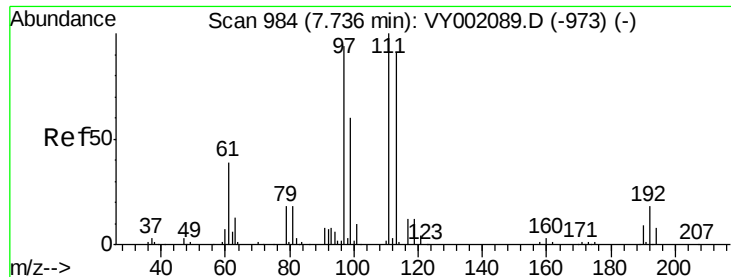
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 15.1 0.0 33.0

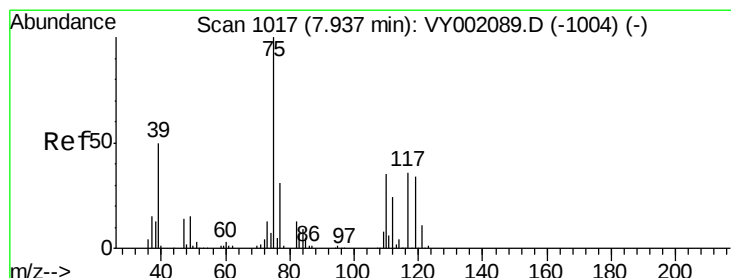
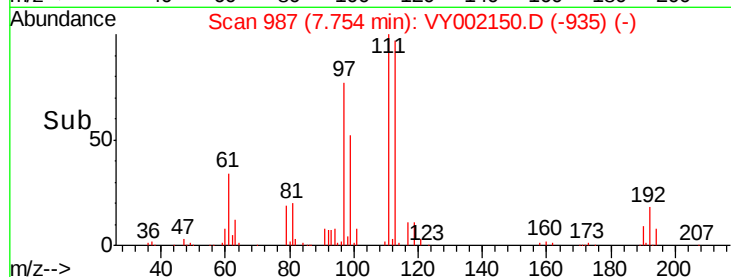
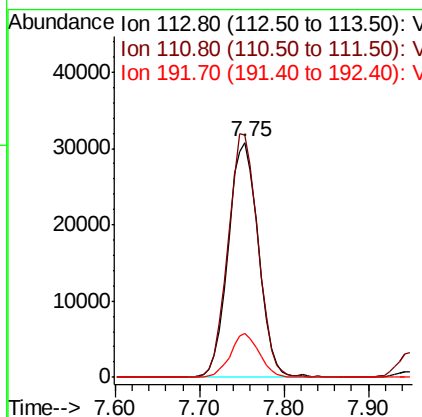
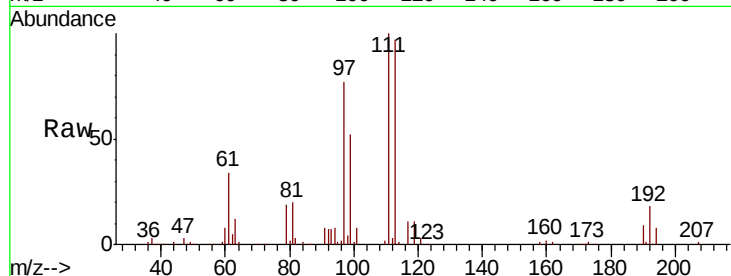




#35
 Dibromofluoromethane
 Concen: 47.377 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.02 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

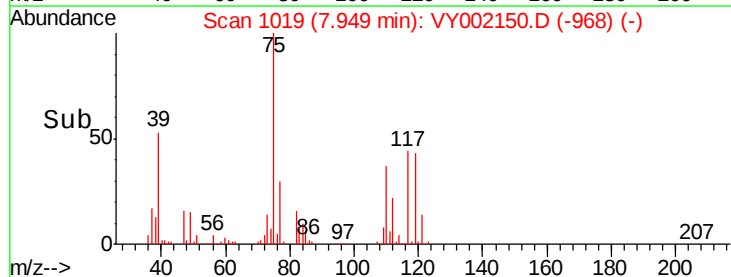
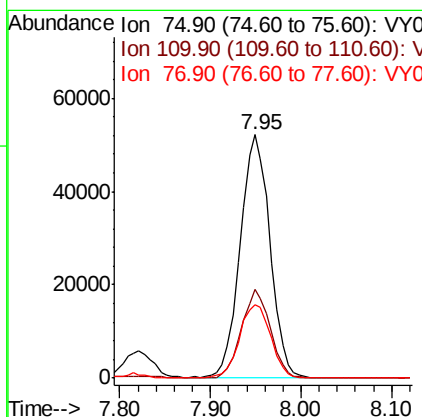
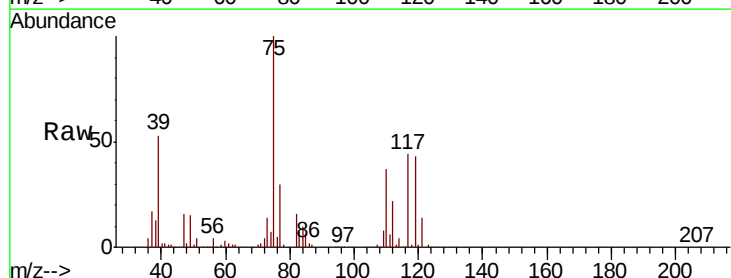
Instrument :
 MSVOA_Y
 ClientSampleId :

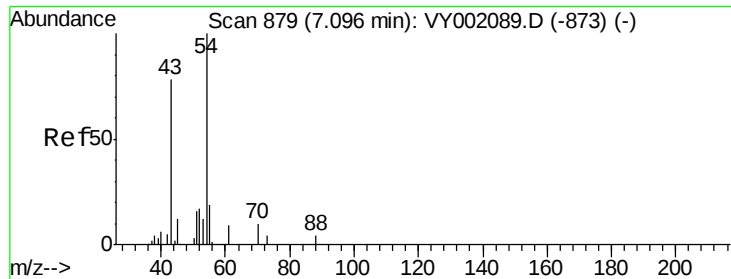
Tot Ion:113 Resp: 74658
 Ion Ratio Lower Upper
 113 100
 111 103.1 84.4 126.6
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 44.663 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 75 Resp: 118810
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.2 51.6
 77 31.7 24.7 37.1

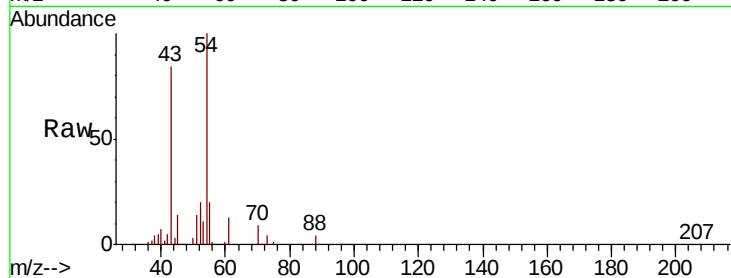




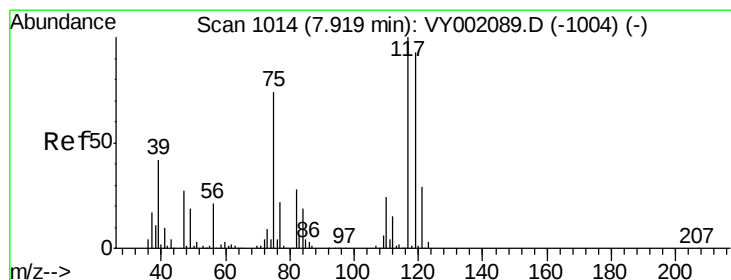
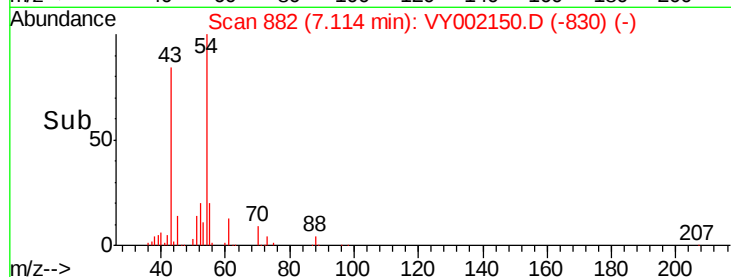
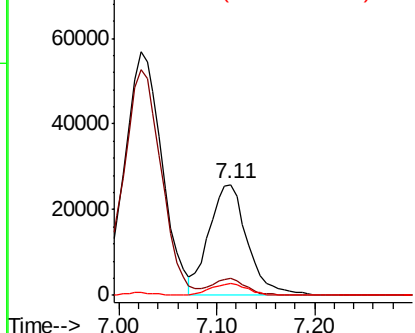
#37
Ethyl Acetate
Concen: 43.349 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 69685
Ion Ratio Lower Upper
43 100
61 13.3 11.2 16.8
70 10.3 8.2 12.4

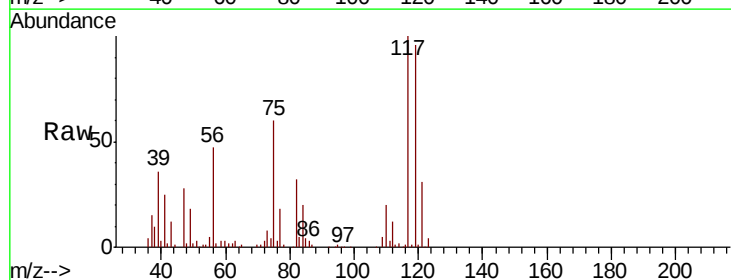


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

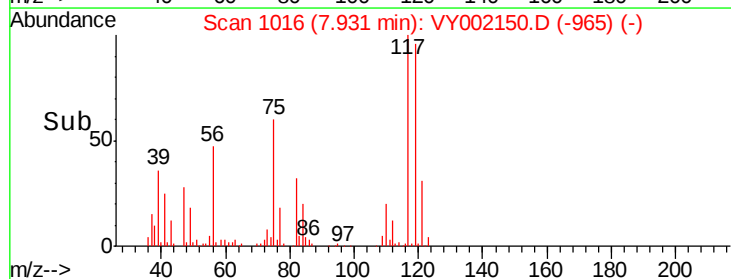
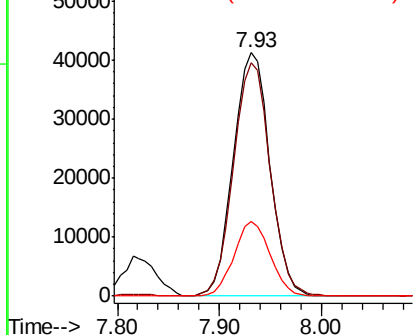


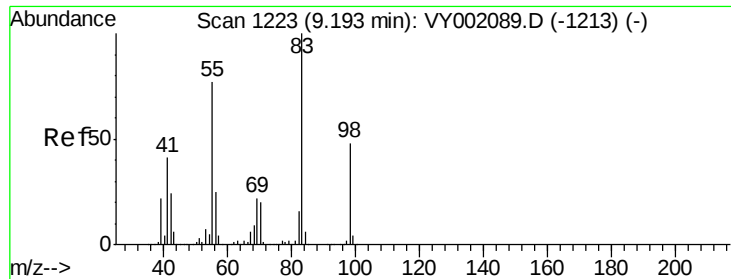
#38
Carbon Tetrachloride
Concen: 45.508 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 117 Resp: 102708
Ion Ratio Lower Upper
117 100
119 95.6 74.3 111.5
121 30.7 23.3 34.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

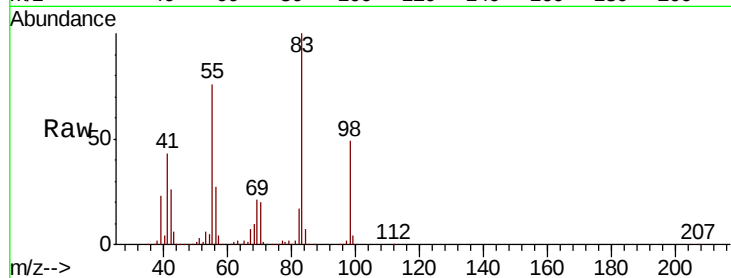




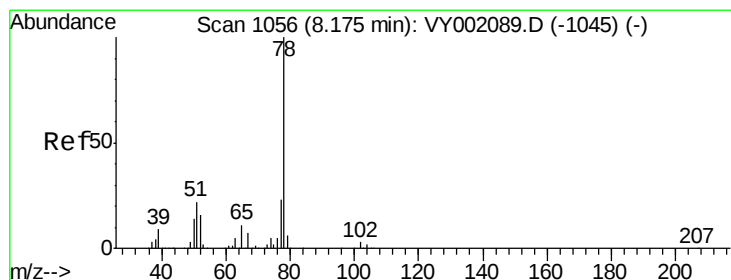
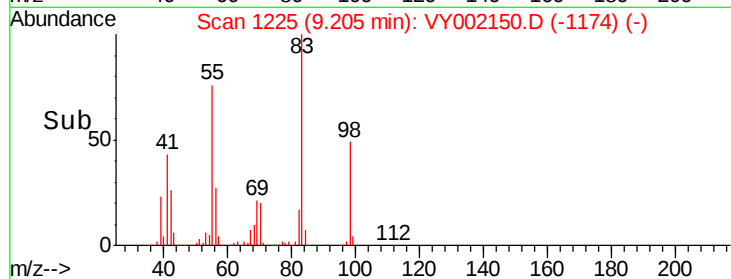
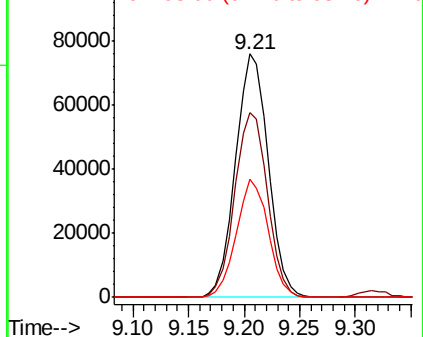
#39
Methvlcvclohexane
Concen: 44.406 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 154945
Ion Ratio Lower Upper
83 100
55 76.0 61.2 91.8
98 48.5 38.2 57.2

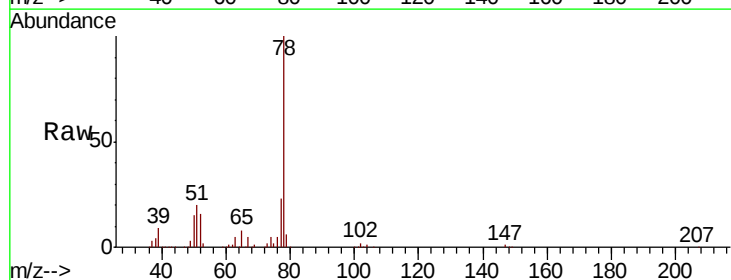


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

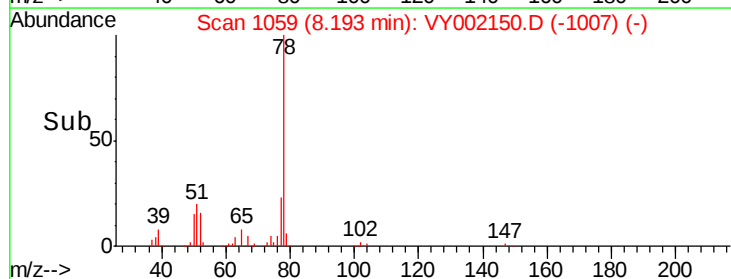
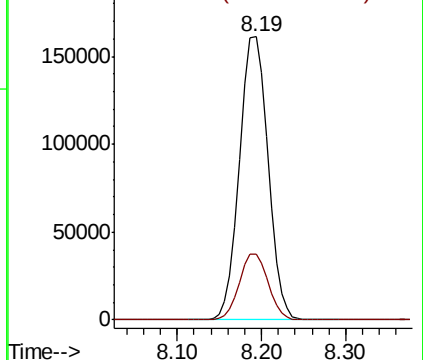


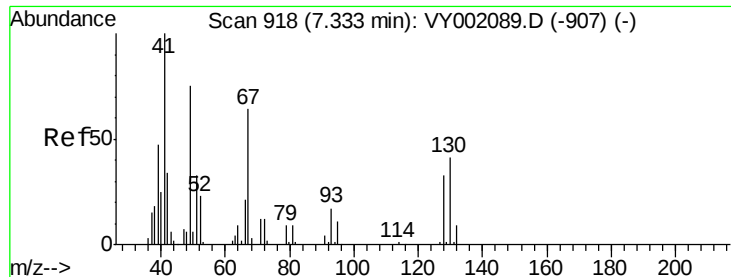
#40
Benzene
Concen: 46.759 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.02 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 78 Resp: 368441
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

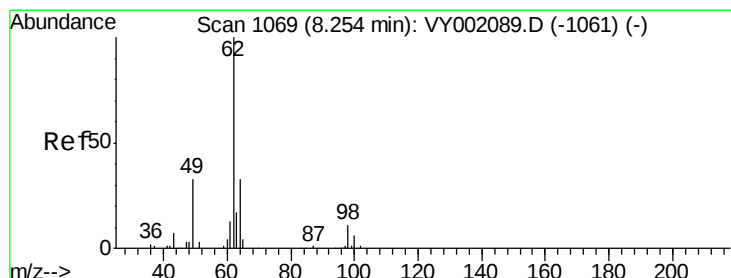
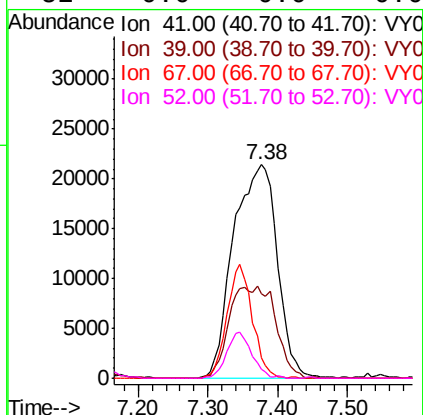
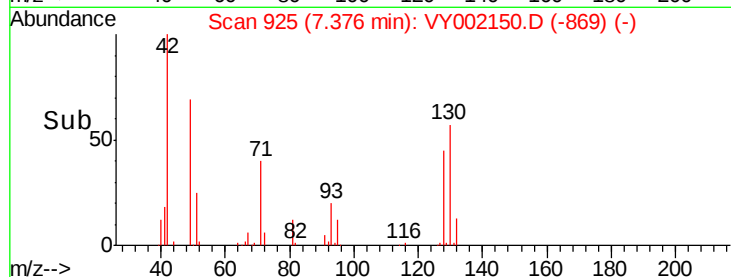
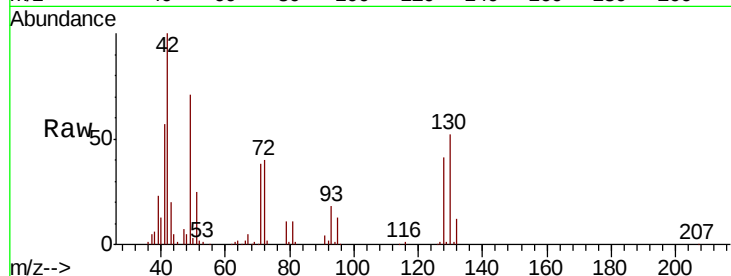




#41
Methacrylonitrile
Concen: 114.400 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

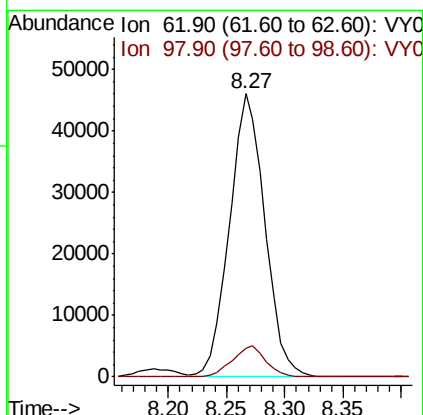
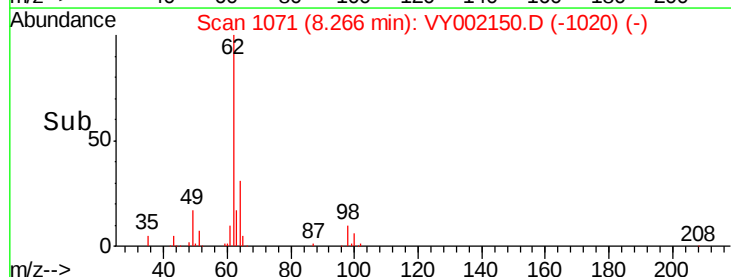
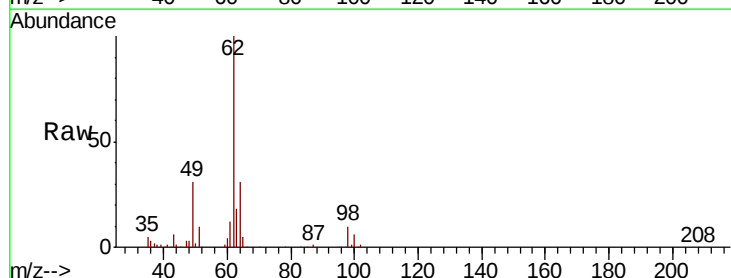
Instrument :
MSVOA_Y
ClientSampleId :

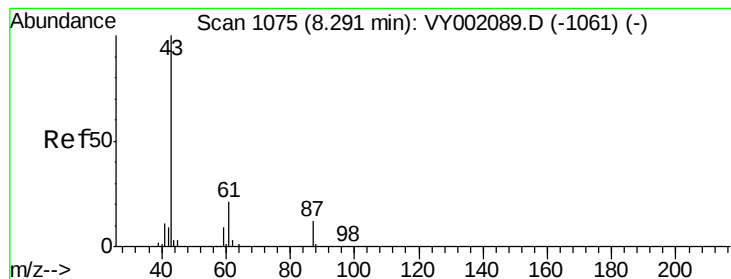
Tot Ion:	41	Resp:	93022
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 46.479 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion:	62	Resp:	97233
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2



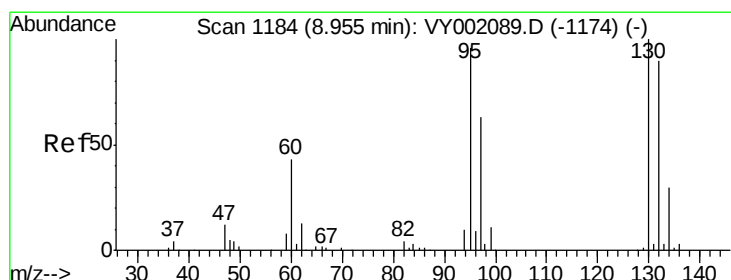
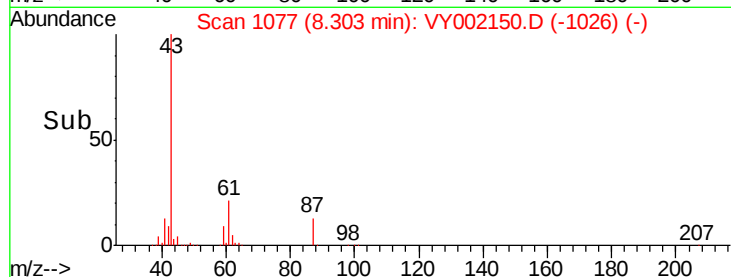
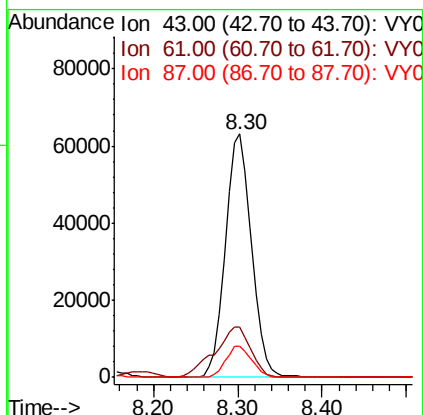
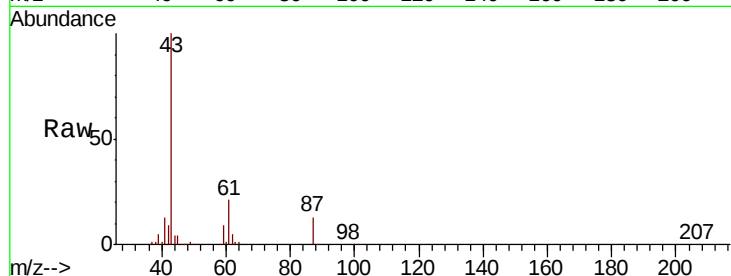


#43

Isopropyl Acetate
 Concen: 44.706 ug/l
 RT: 8.30 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :

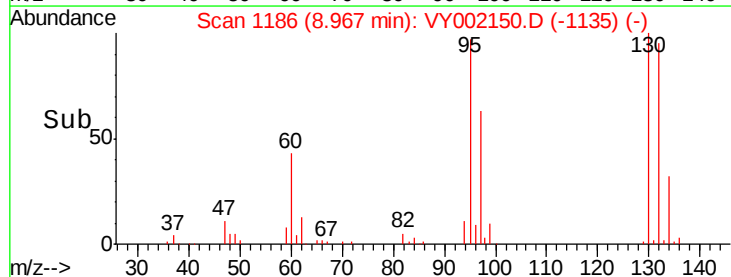
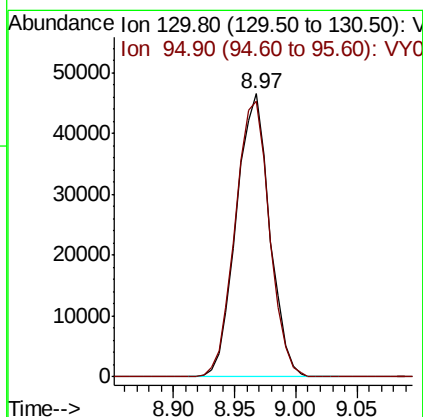
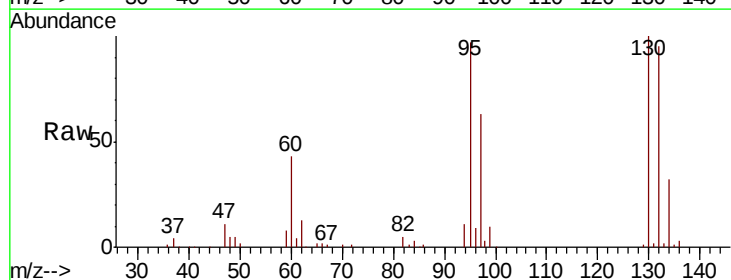
Tot Ion: 43 Resp: 133387
 Ion Ratio Lower Upper
 43 100
 61 28.7 23.4 35.2
 87 12.7 10.2 15.4

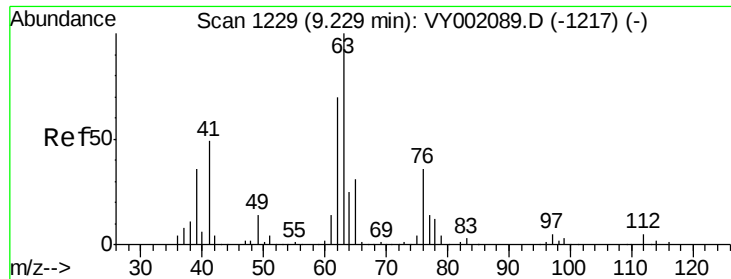


#44

Trichloroethene
 Concen: 46.317 ug/l
 RT: 8.97 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 130 Resp: 87975
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 193.0

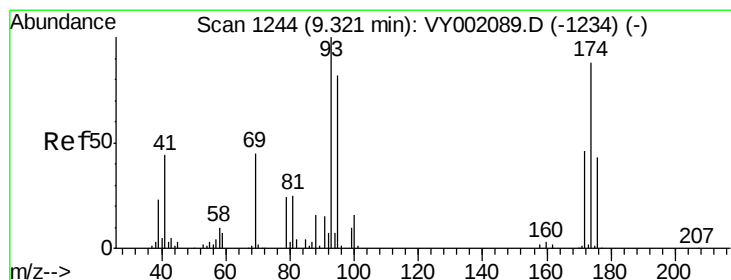
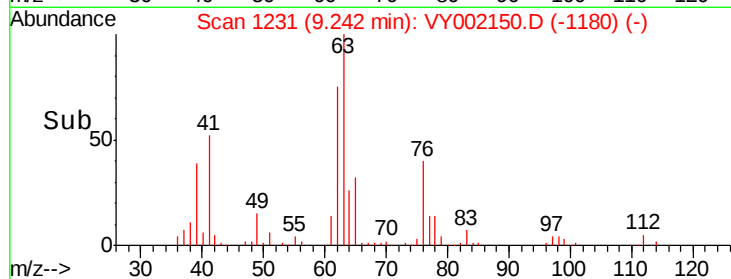
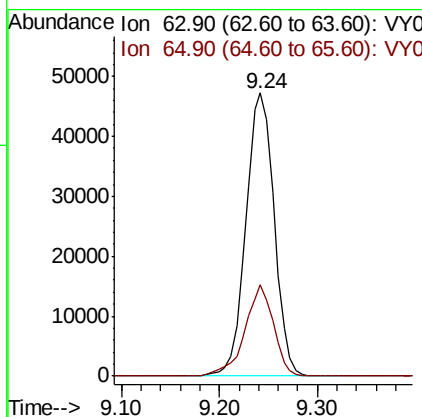
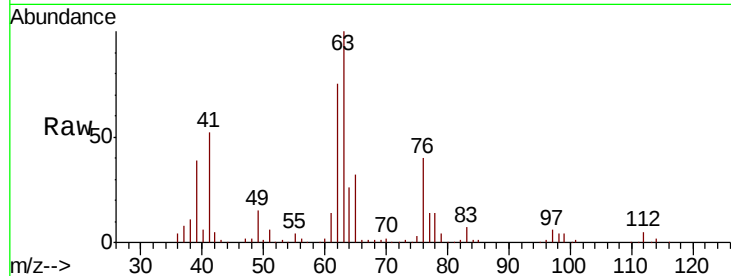




#45
 1,2-Dichloropropane
 Concen: 47.324 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

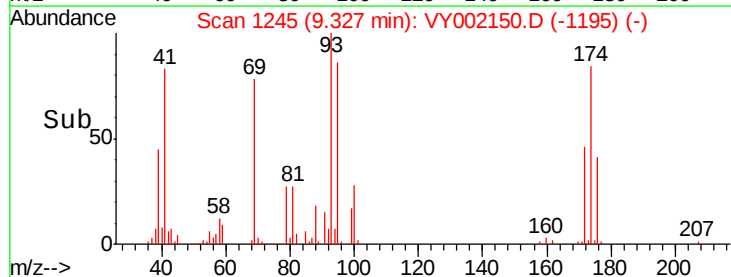
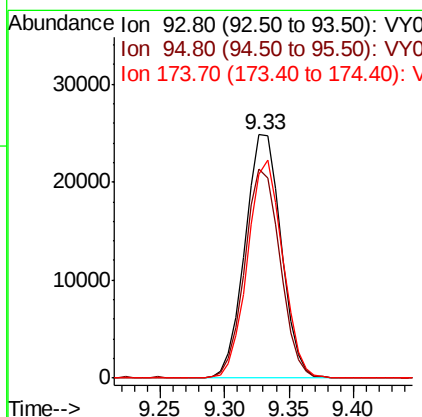
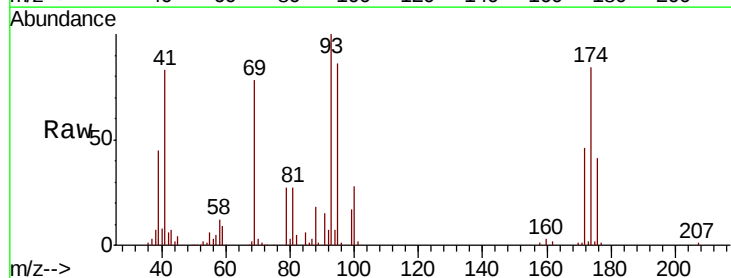
Instrument :
 MSVOA_Y
 ClientSampled :

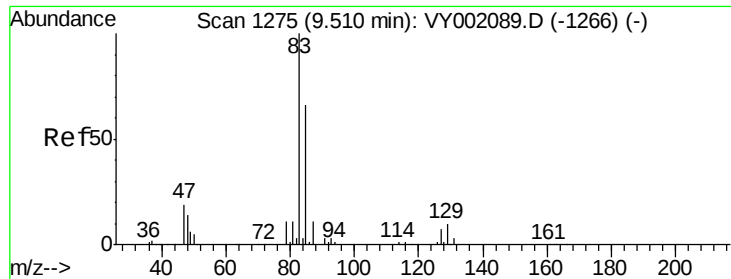
Tot Ion: 63 Resp: 94947
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.0 37.6



#46
 Dibromomethane
 Concen: 46.797 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 93 Resp: 48218
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.0 99.0
 174 86.8 69.8 104.8

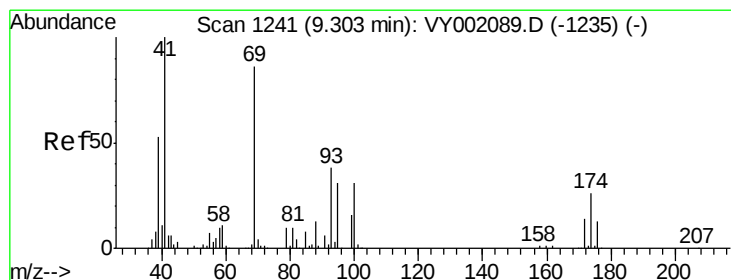
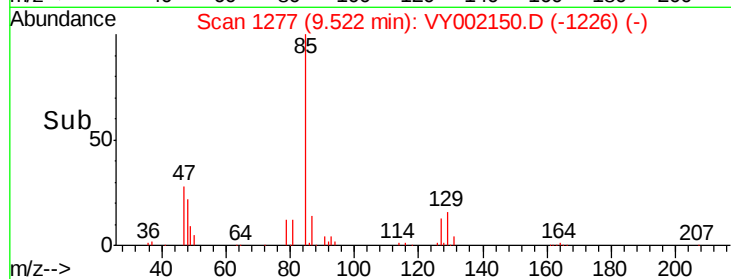
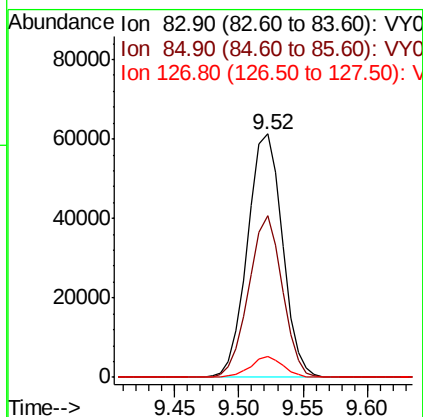
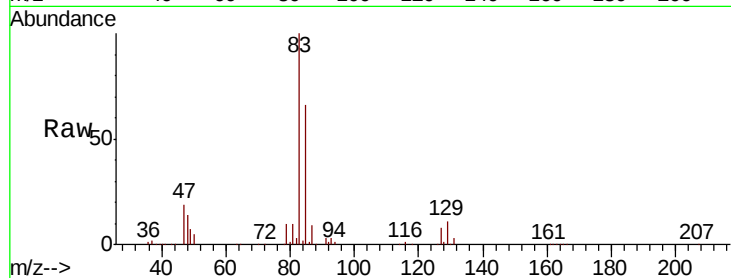




#47
Bromodichloromethane
Concen: 47.785 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

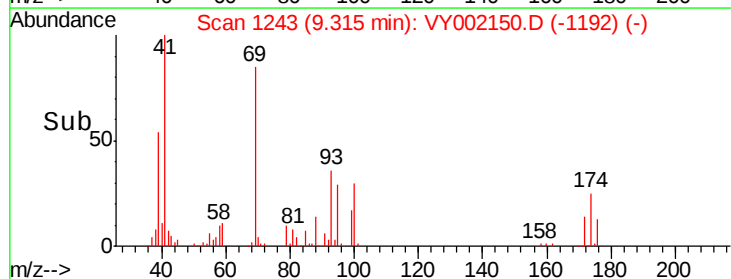
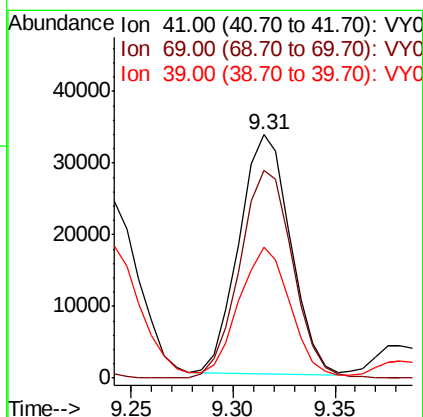
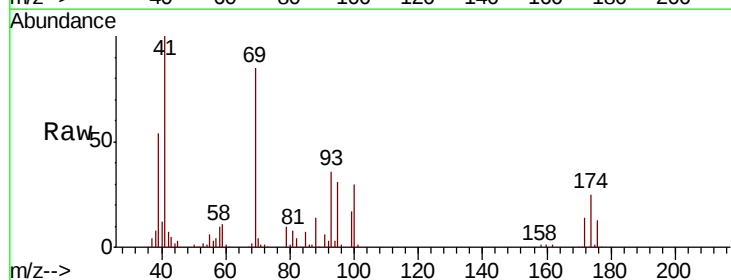
Instrument :
MSVOA_Y
ClientSampleId :

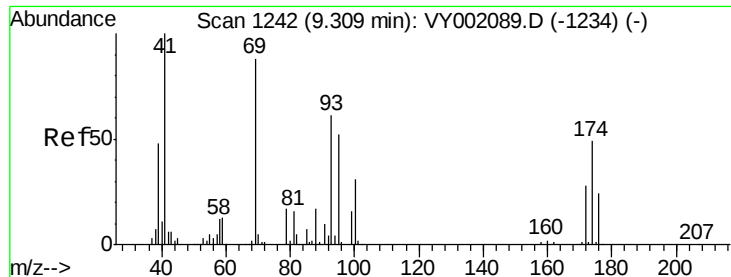
Tot Ion: 83 Resp: 114619
Ion Ratio Lower Upper
83 100
85 66.3 52.6 79.0
127 8.3 5.9 8.9



#48
Methyl methacrylate
Concen: 43.933 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 41 Resp: 58741
Ion Ratio Lower Upper
41 100
69 89.3 71.4 107.0
39 55.5 41.0 61.4

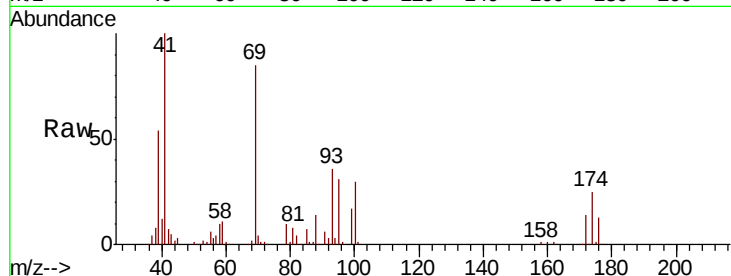




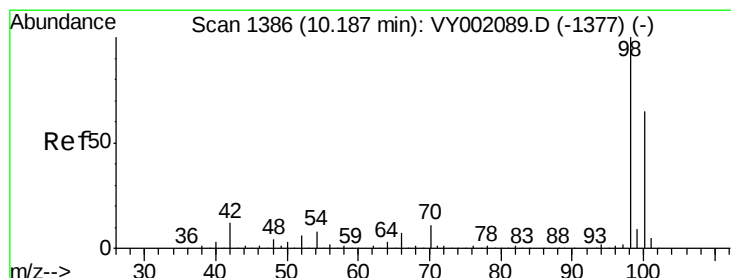
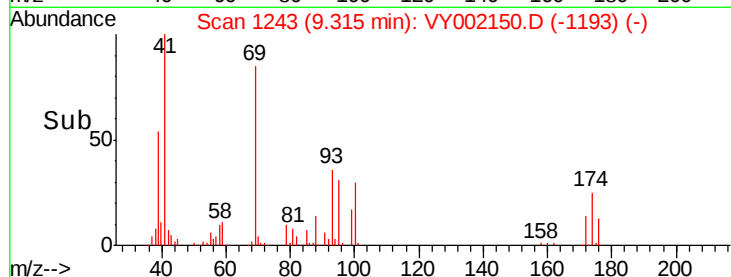
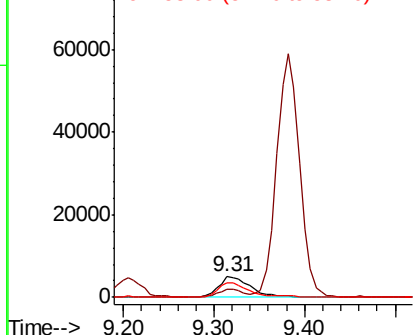
#49
1,4-Dioxane
Concen: 874.307 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 12362
Ion Ratio Lower Upper
88 100
43 28.9 27.2 40.8
58 65.0 59.8 89.8

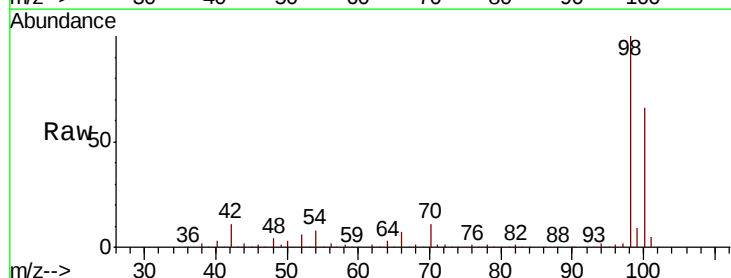


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

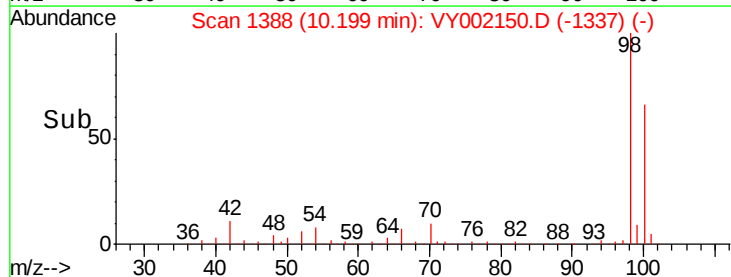
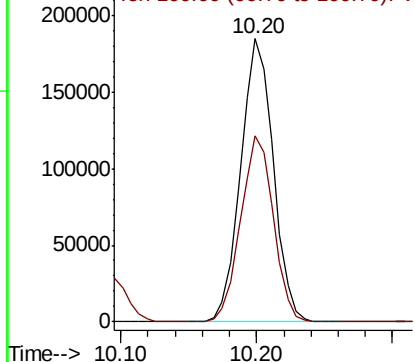


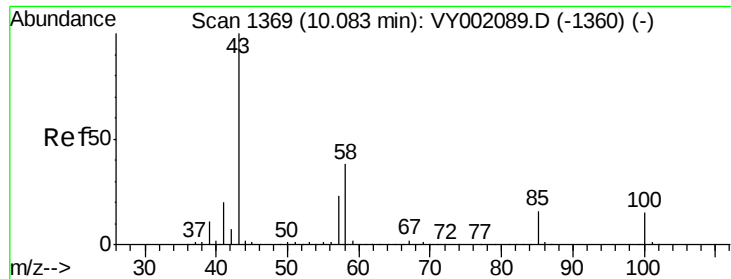
#50
Toluene-d8
Concen: 47.279 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 98 Resp: 309507
Ion Ratio Lower Upper
98 100
100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

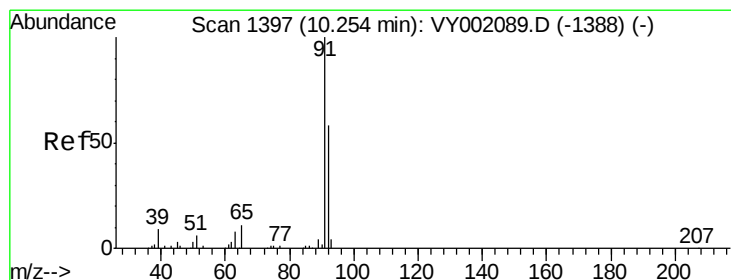
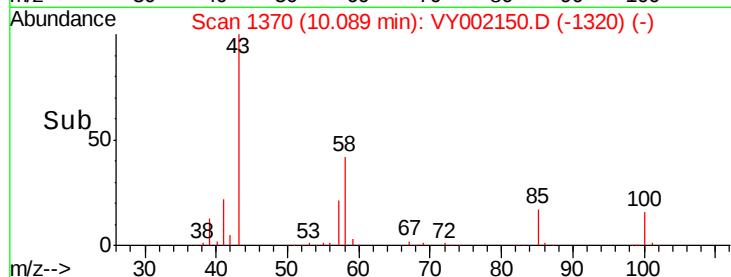
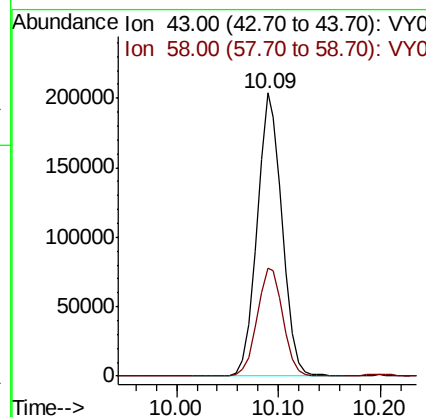
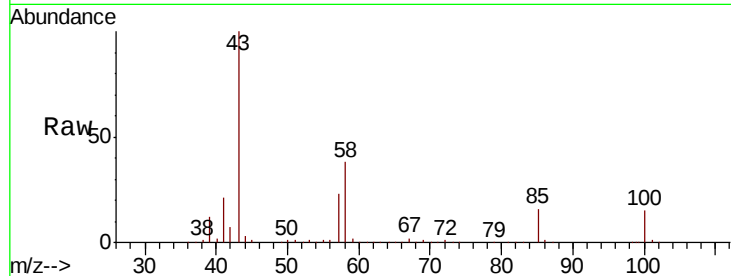




#51
4-Methyl-2-Pentanone
Concen: 225.777 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

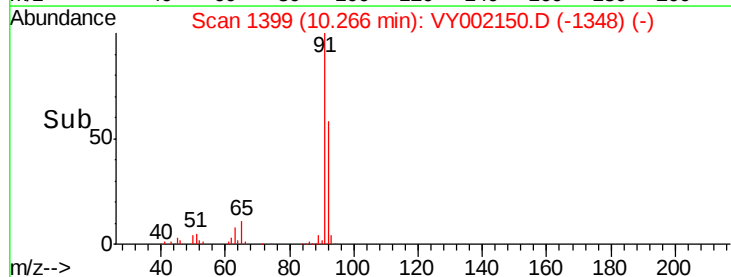
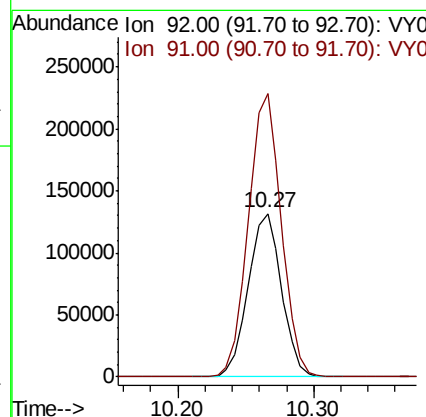
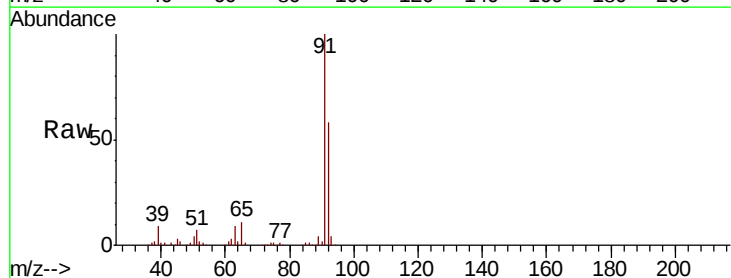
Instrument :
MSVOA_Y
ClientSampleId :

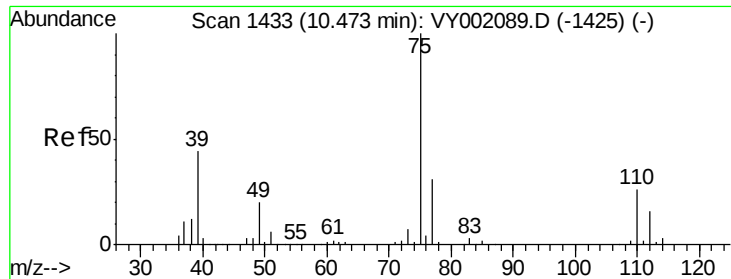
Tot Ion: 43 Resp: 346869
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 47.294 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 92 Resp: 225397
Ion Ratio Lower Upper
92 100
91 171.9 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 46.785 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

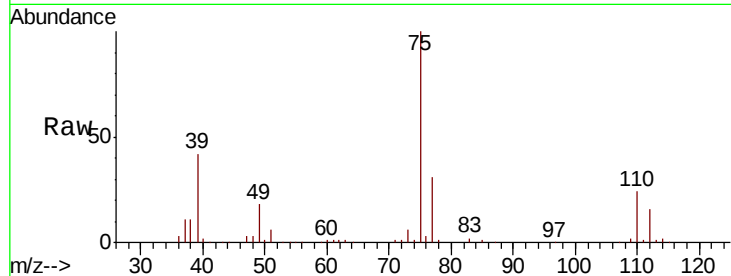
ClientSampleId :

Tot Ion: 75 Resp: 124557

Ion Ratio Lower Upper

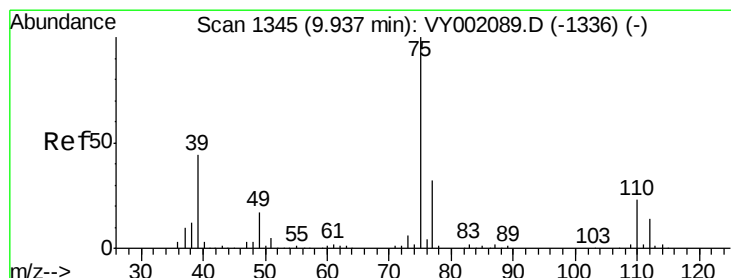
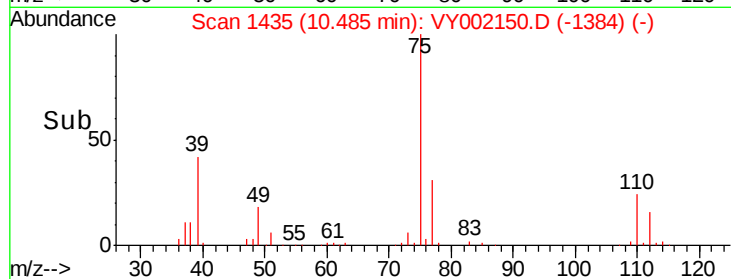
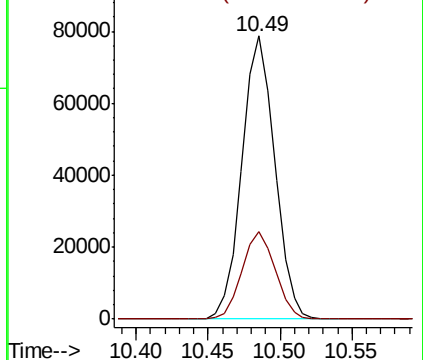
75 100

77 30.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 46.283 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

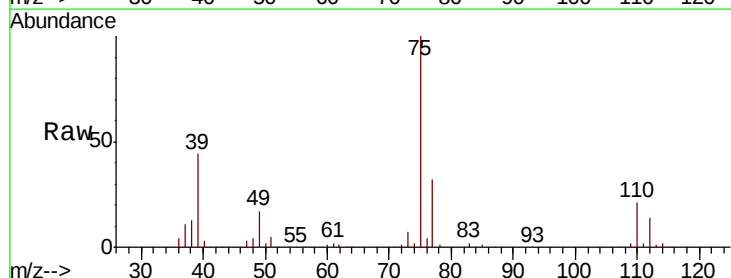
Tgt Ion: 75 Resp: 145076

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

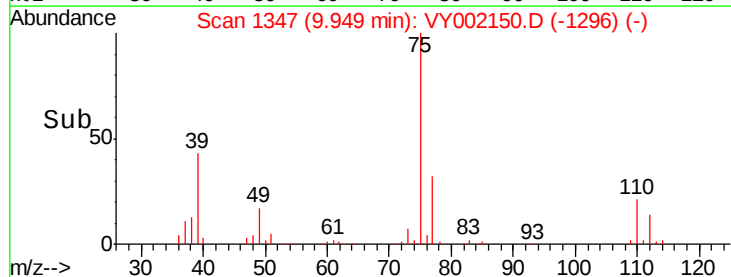
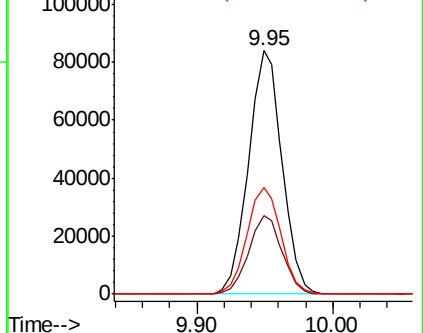
39 43.8 35.2 52.8

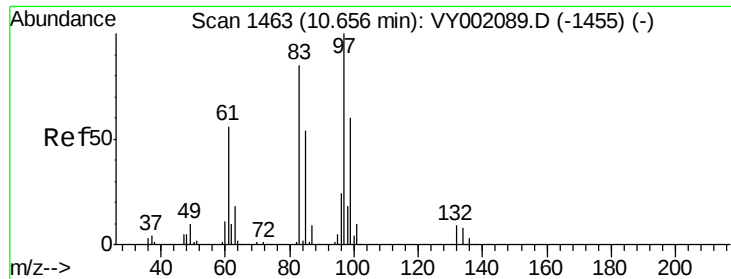


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

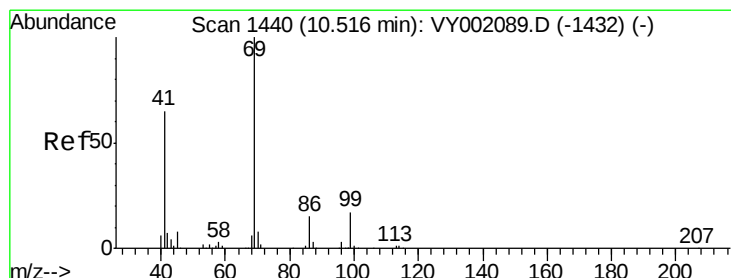
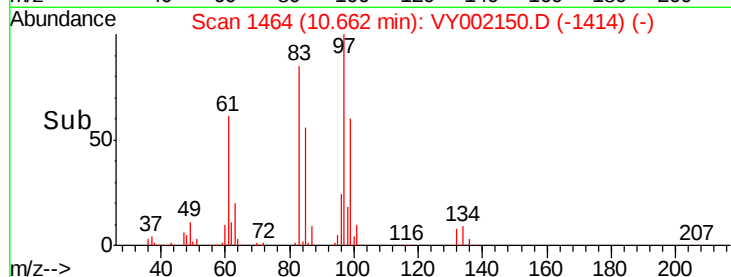
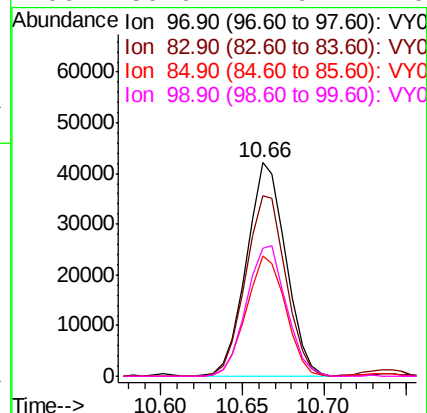
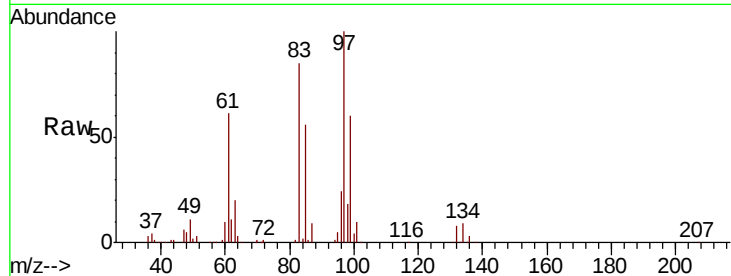




#55
 1,1,2-Trichloroethane
 Concen: 46.471 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

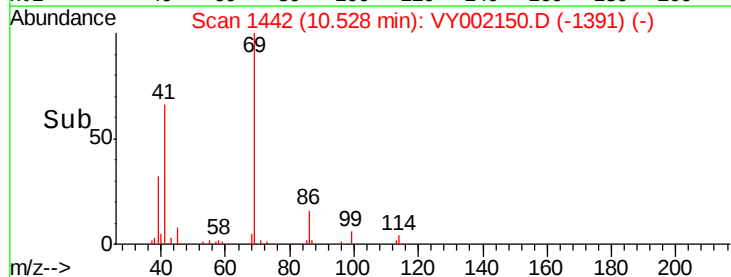
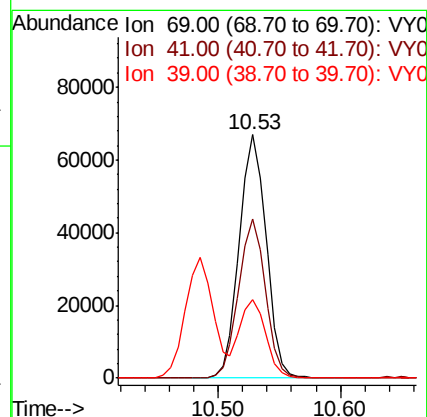
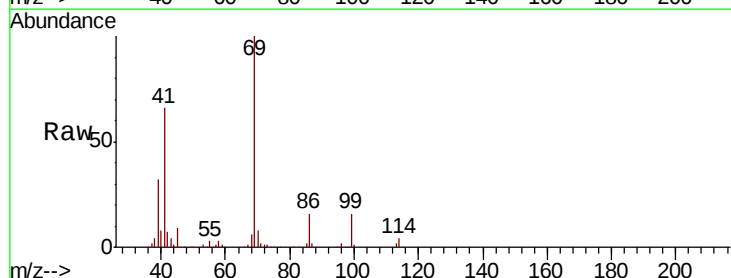
Instrument :
 MSVOA_Y
 ClientSampleId :

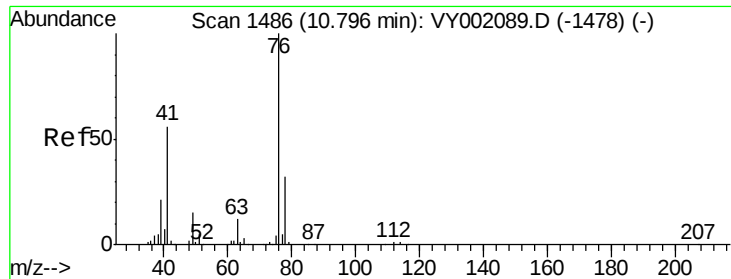
Tot Ion: 97 Resp: 70868
 Ion Ratio Lower Upper
 97 100
 83 84.8 68.2 102.2
 85 56.1 42.9 64.3
 99 59.9 47.9 71.9



#56
 Ethyl methacrylate
 Concen: 45.806 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 69 Resp: 102027
 Ion Ratio Lower Upper
 69 100
 41 64.8 52.8 79.2
 39 30.8 25.0 37.6

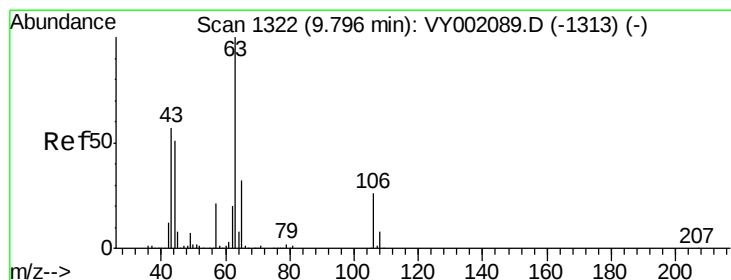
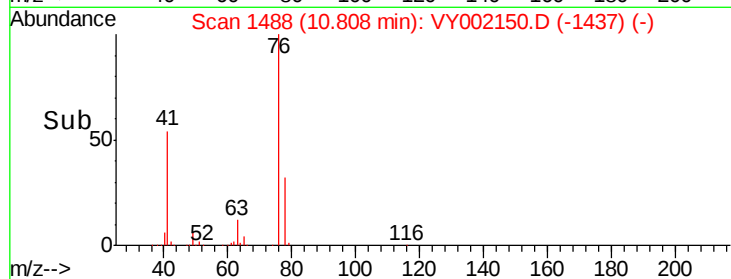
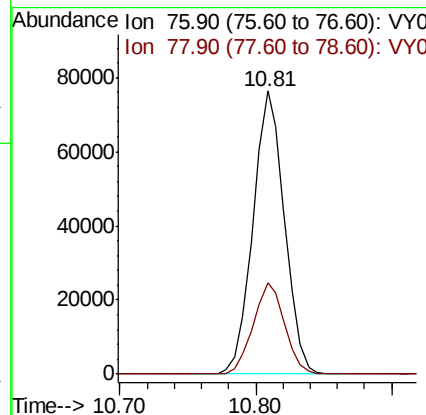
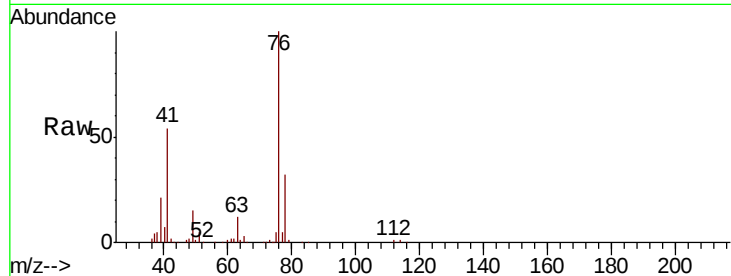




#57
 1,3-Dichloropropane
 Concen: 45.906 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

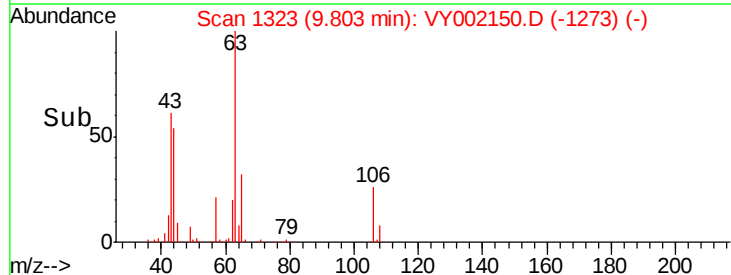
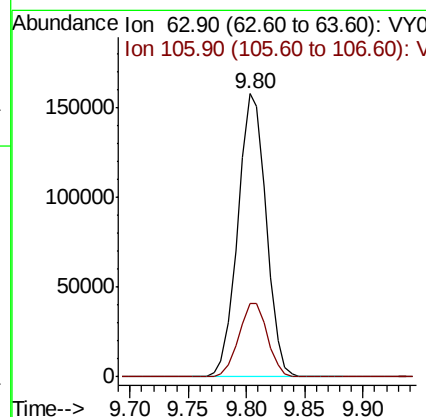
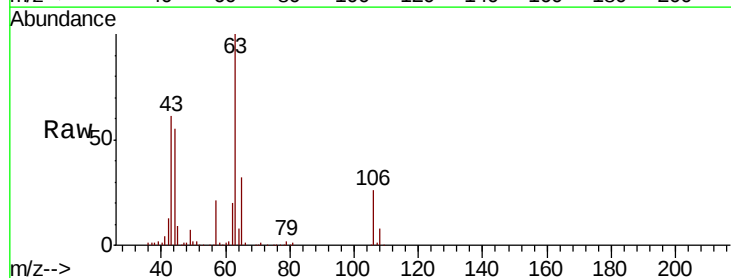
Instrument :
 MSVOA_Y
 ClientSampled :

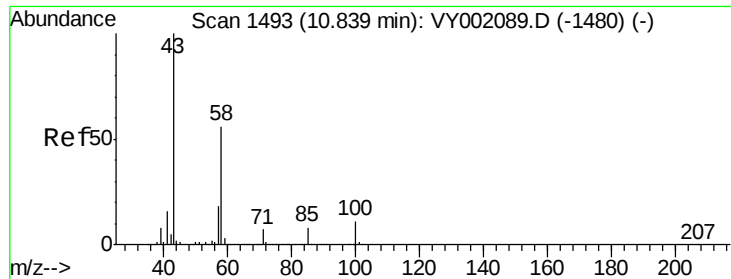
Tot Ion: 76 Resp: 123687
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.719 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 63 Resp: 267494
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.0 31.4





#59

2-Hexanone

Concen: 214.272 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

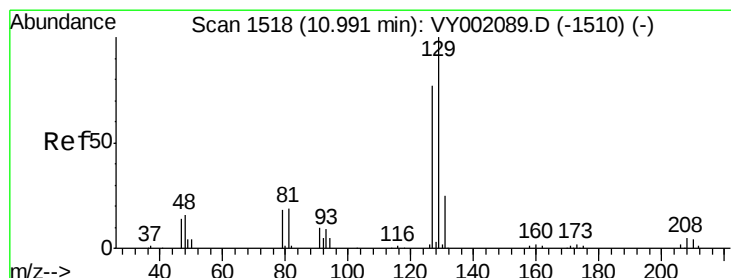
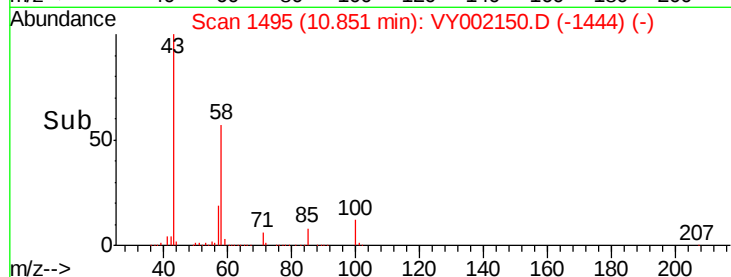
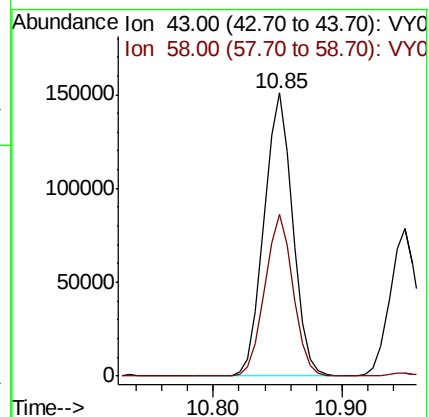
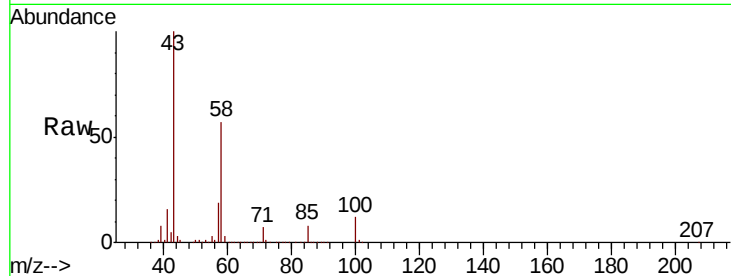
ClientSampleId :

Tot Ion: 43 Resp: 231890

Ion Ratio Lower Upper

43 100

58 56.4 27.9 83.6



#60

Dibromochloromethane

Concen: 47.149 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY002150.D

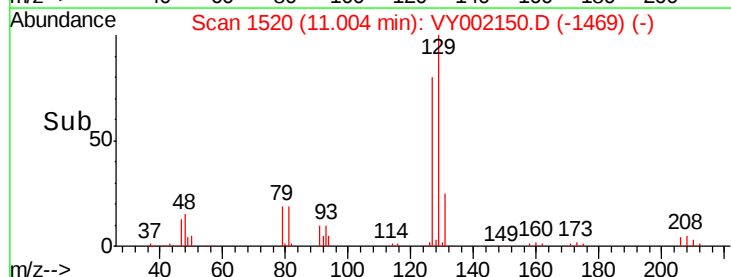
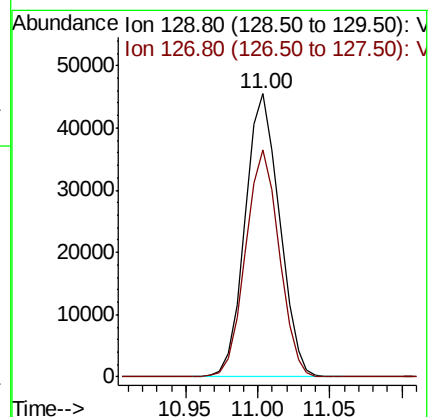
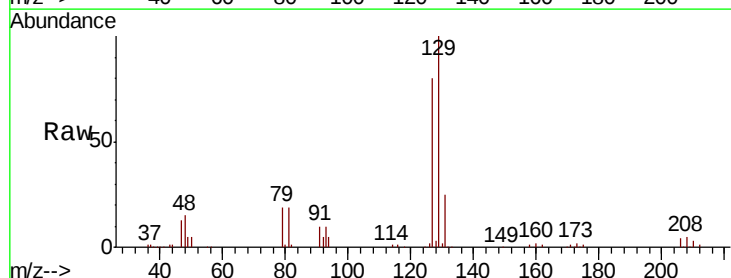
Acq: 31 Mar 2020 21:34

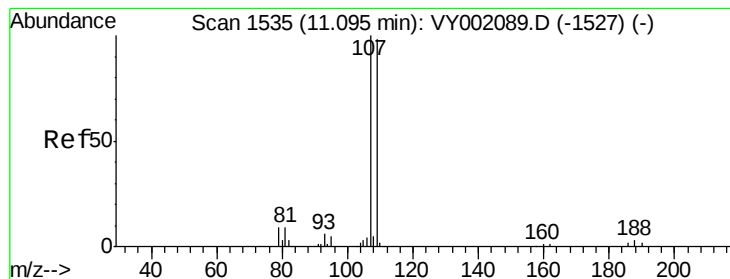
Tgt Ion: 129 Resp: 75240

Ion Ratio Lower Upper

129 100

127 78.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 46.219 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

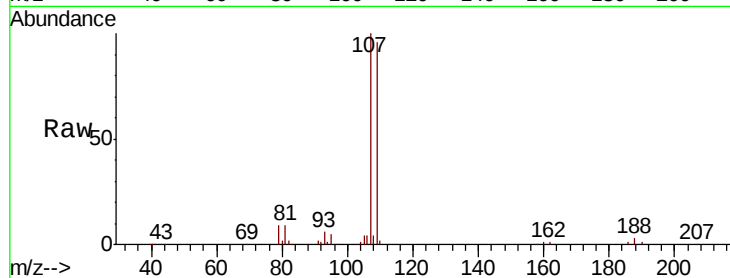
ClientSampleId :

Tot Ion:107 Resp: 65972

Ion Ratio Lower Upper

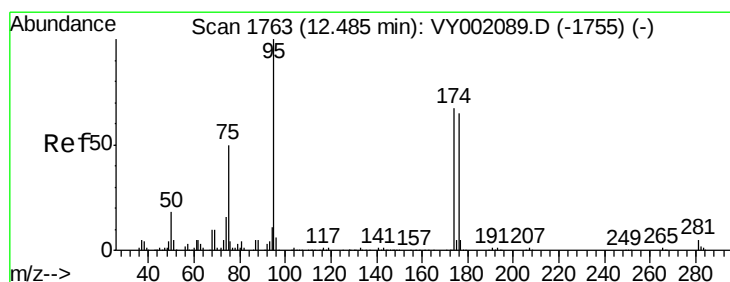
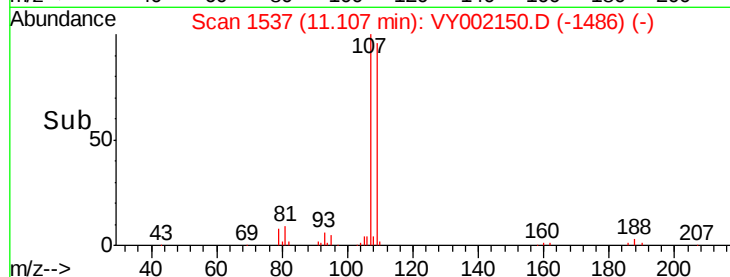
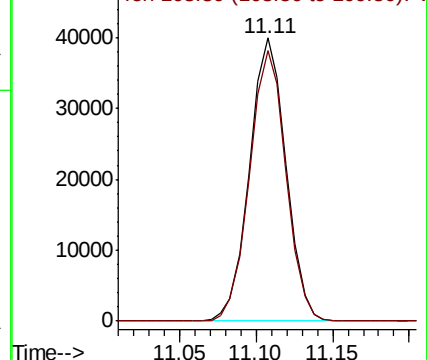
107 100

109 95.5 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.093 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

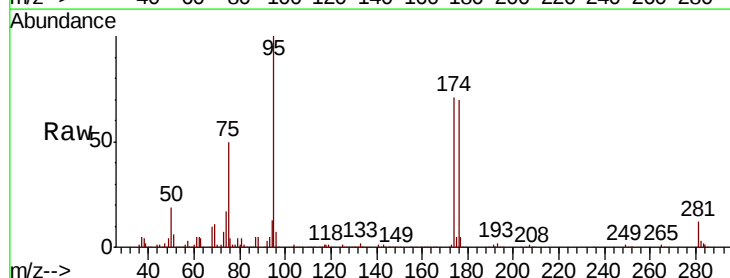
Tgt Ion: 95 Resp: 110108

Ion Ratio Lower Upper

95 100

174 71.4 0.0 143.4

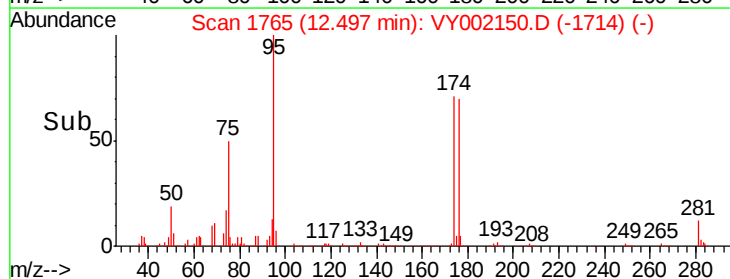
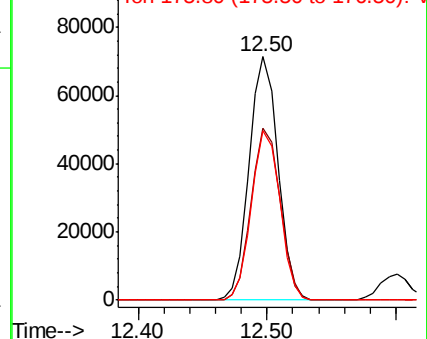
176 69.2 0.0 137.0

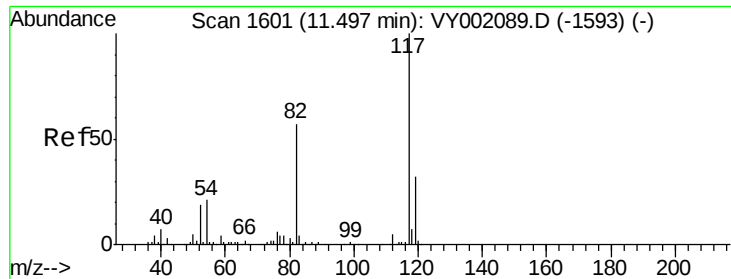


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

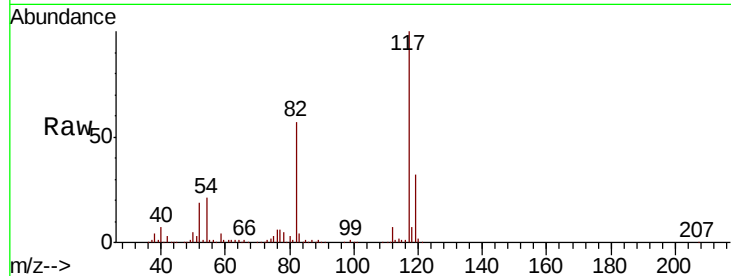




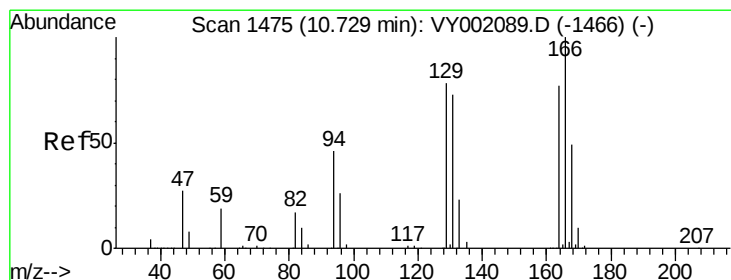
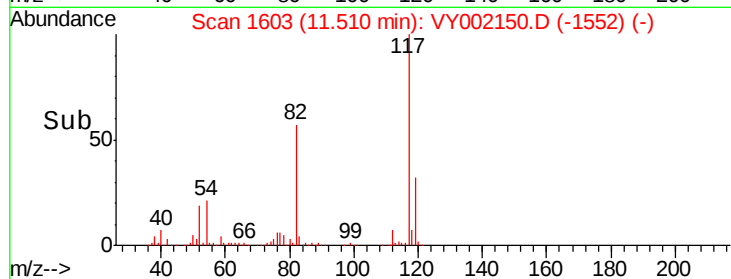
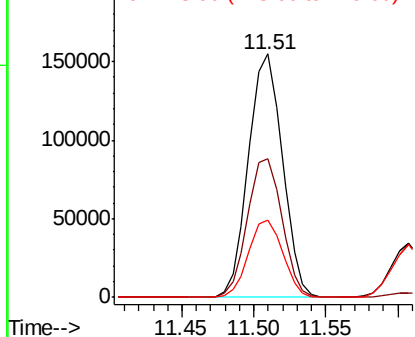
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 253479
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 31.8 25.3 37.9

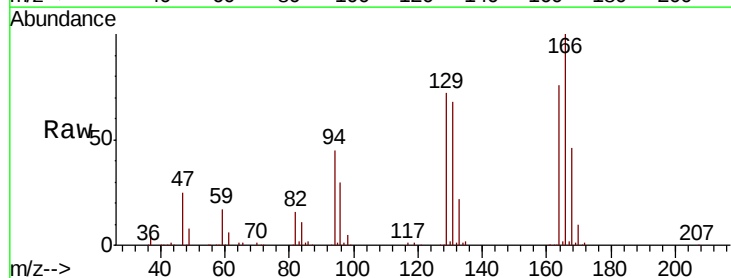


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

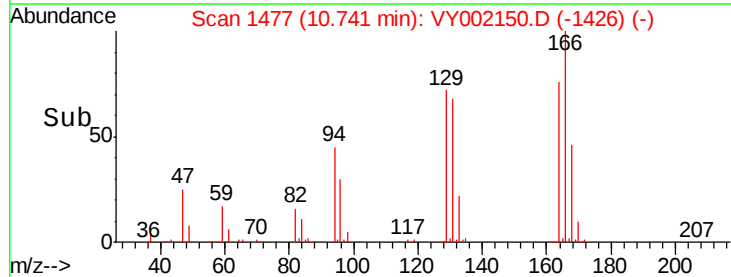
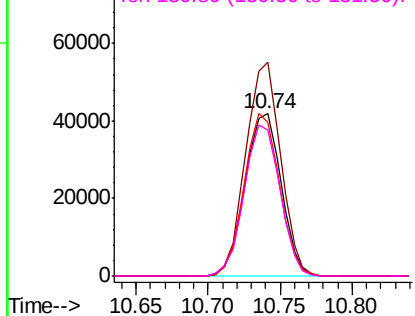


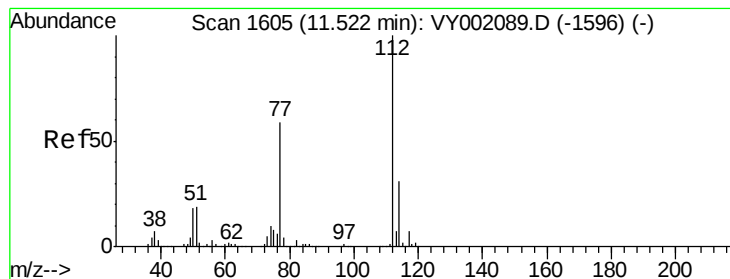
#64
Tetrachloroethene
Concen: 46.767 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion:164 Resp: 72529
Ion Ratio Lower Upper
164 100
166 131.8 104.0 156.0
129 95.0 81.2 121.8
131 90.3 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.230 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

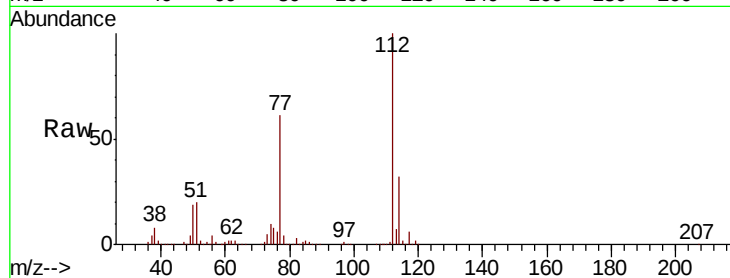
ClientSampleId :

Tot Ion:112 Resp: 231095

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

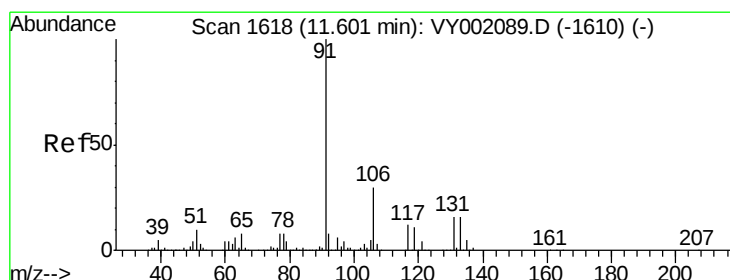
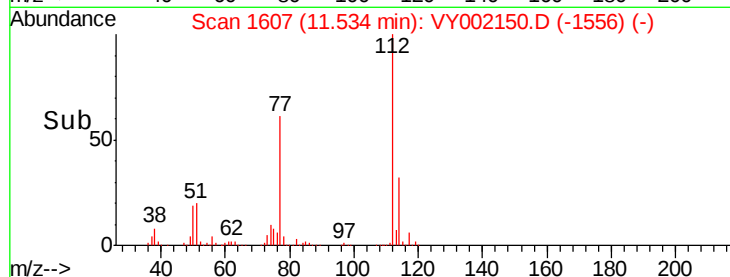
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.002 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

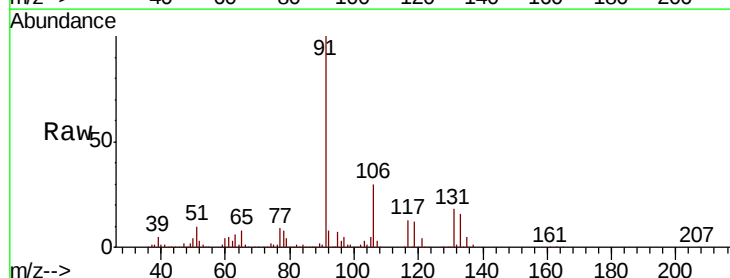
Tgt Ion:131 Resp: 78577

Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.5

119 68.7 34.6 103.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.61

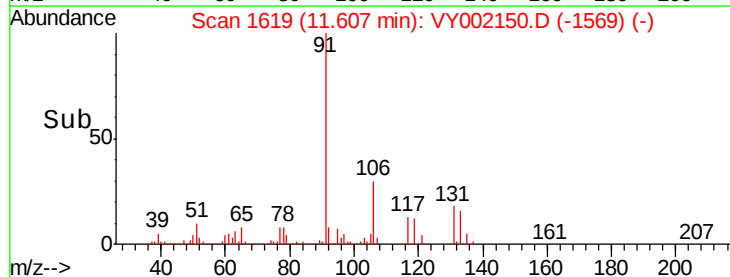
60000

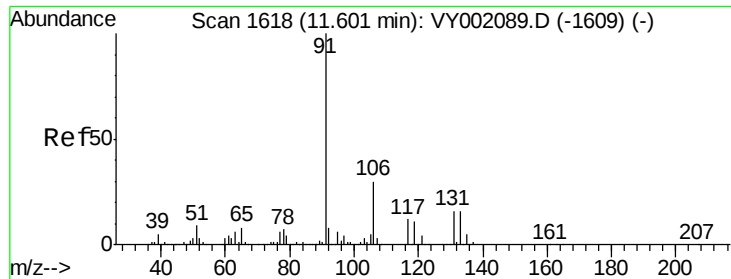
40000

20000

0

Time-->

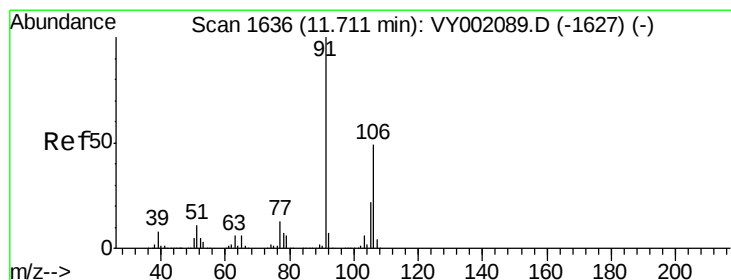
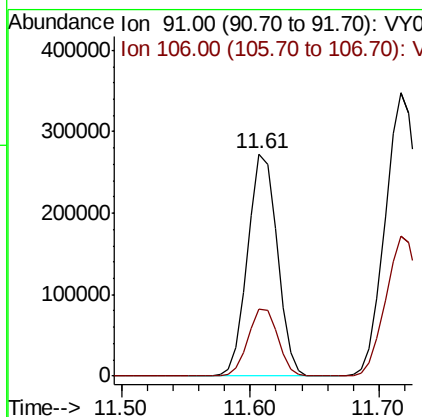
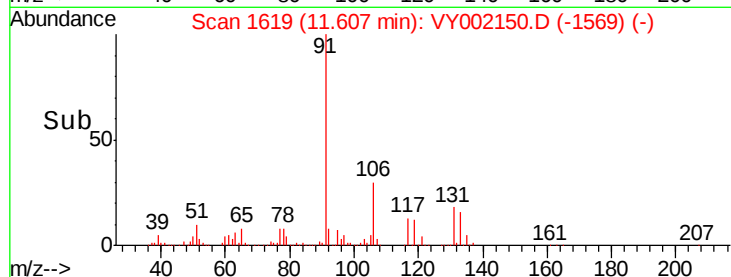
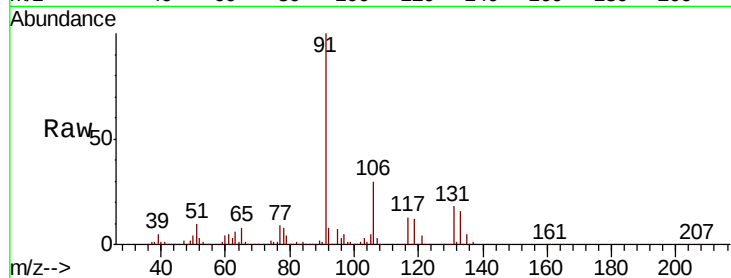




#67
Ethyl Benzene
Concen: 47.568 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

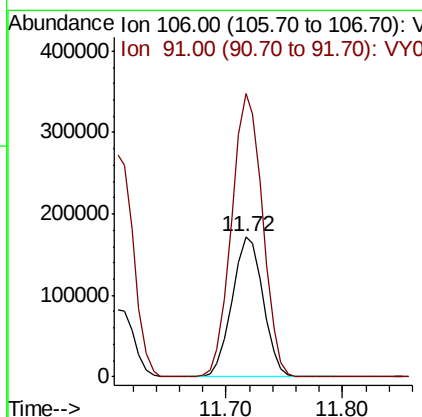
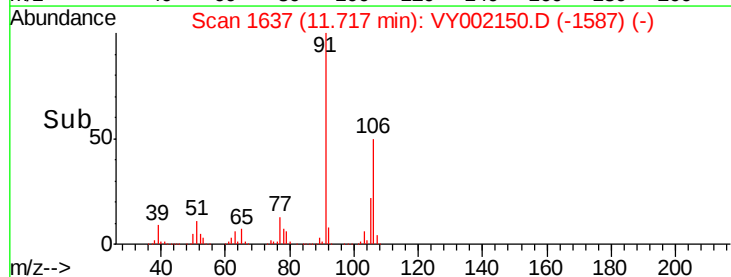
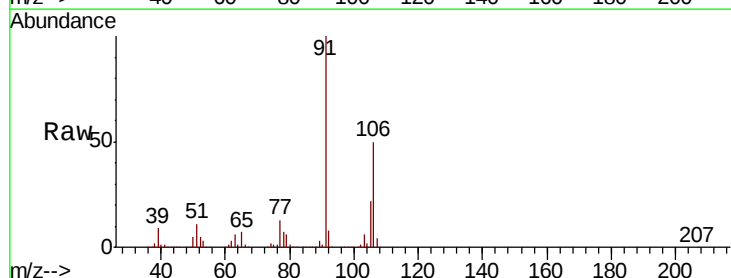
Instrument :
MSVOA_Y
ClientSampleId :

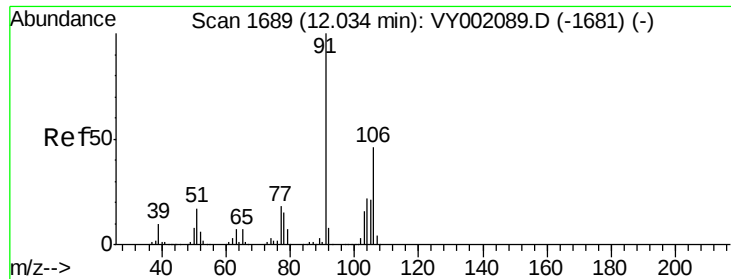
Tot Ion: 91 Resp: 432277
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 94.648 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion: 106 Resp: 318018
Ion Ratio Lower Upper
106 100
91 202.7 162.8 244.2

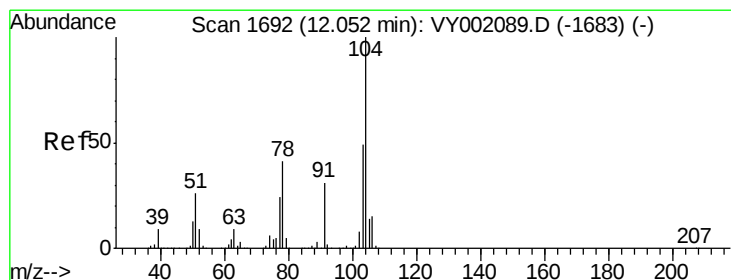
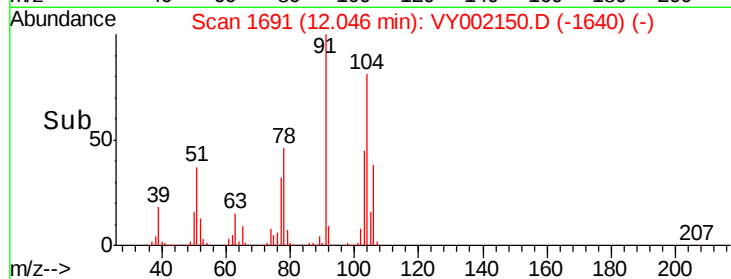
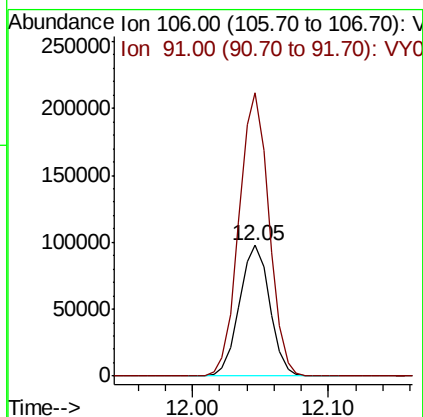
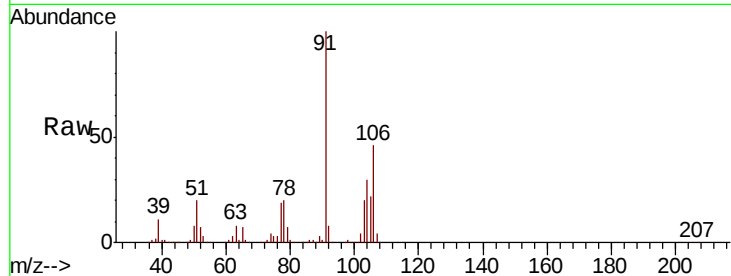




#69
o-Xylene
Concen: 47.611 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

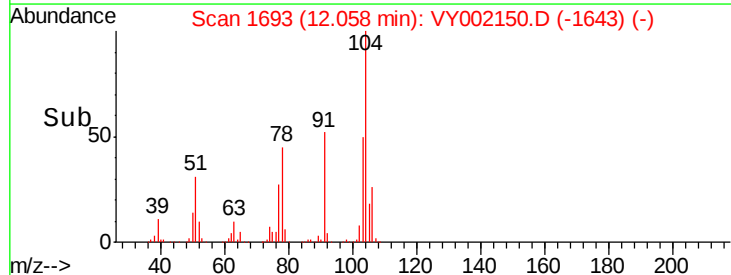
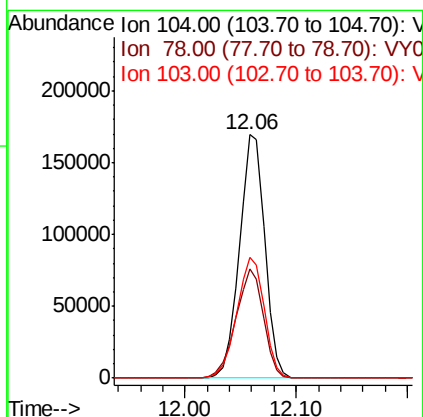
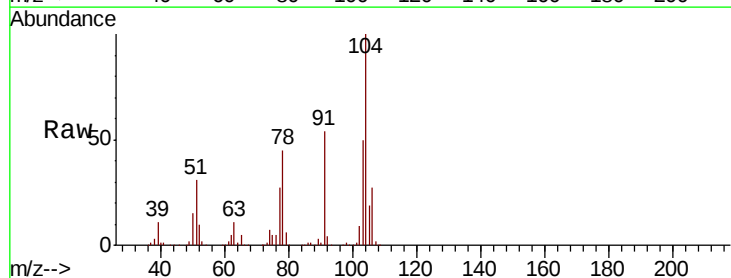
Instrument :
MSVOA_Y
ClientSampled :

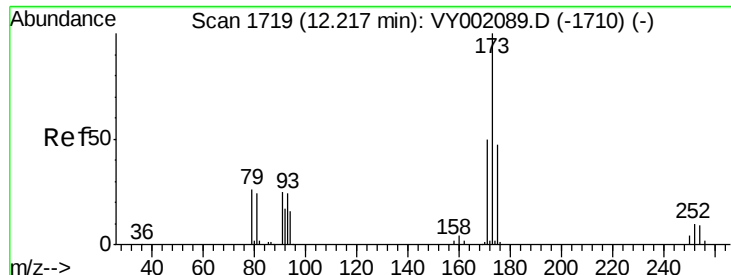
Tot Ion:106 Resp: 151753
Ion Ratio Lower Upper
106 100
91 214.1 107.3 321.8



#70
Styrene
Concen: 48.249 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion:104 Resp: 266480
Ion Ratio Lower Upper
104 100
78 48.6 37.9 56.9
103 53.7 43.2 64.8





#71

Bromoform

Concen: 47.505 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

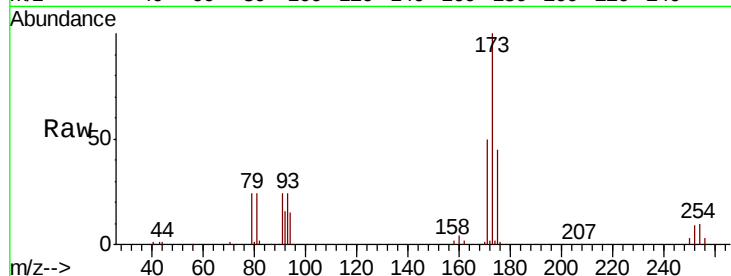
Tot Ion:173 Resp: 42591

Ion Ratio Lower Upper

173 100

175 47.5 23.9 71.8

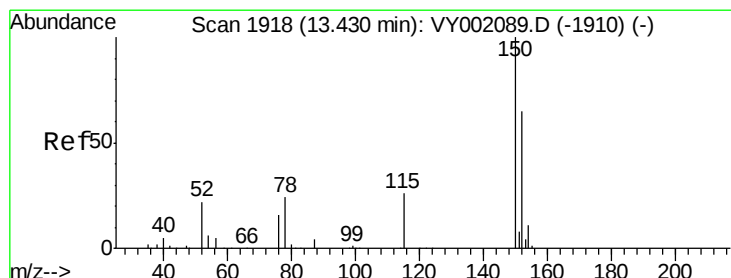
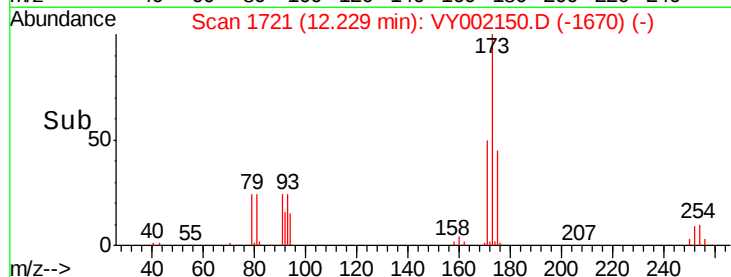
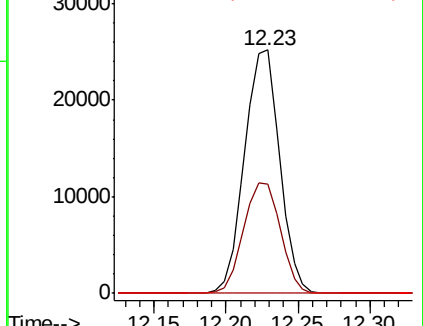
254 0.0 0.0 0.0#



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: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

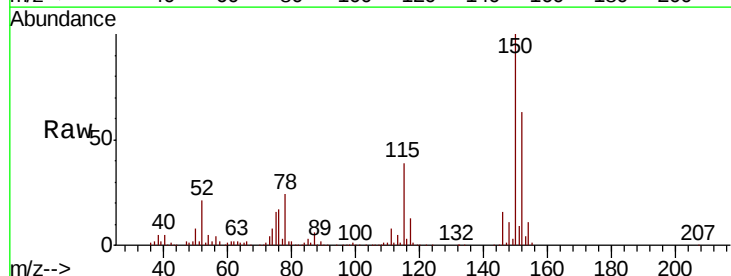
Tgt Ion:152 Resp: 116088

Ion Ratio Lower Upper

152 100

115 62.0 31.2 93.6

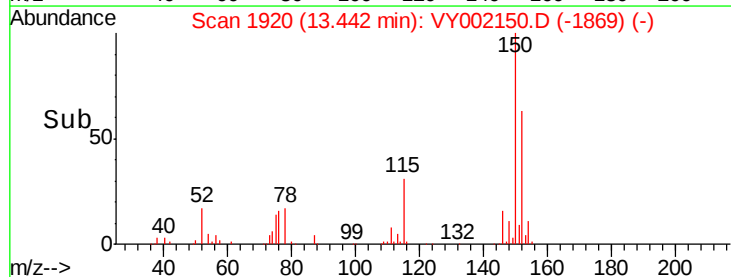
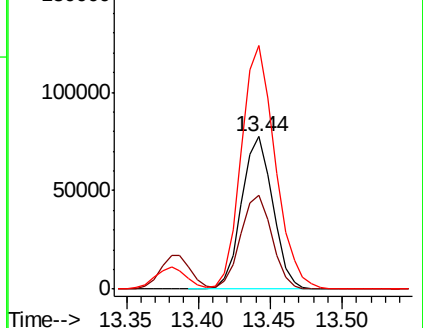
150 174.6 0.0 354.8

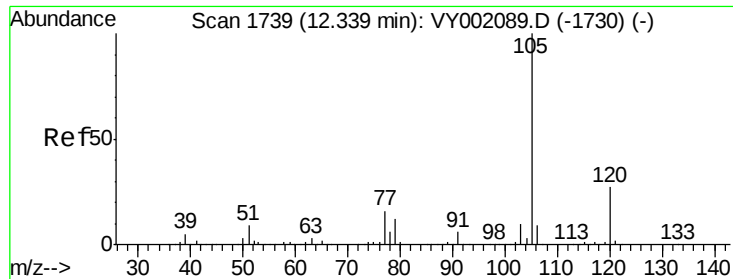


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.341 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

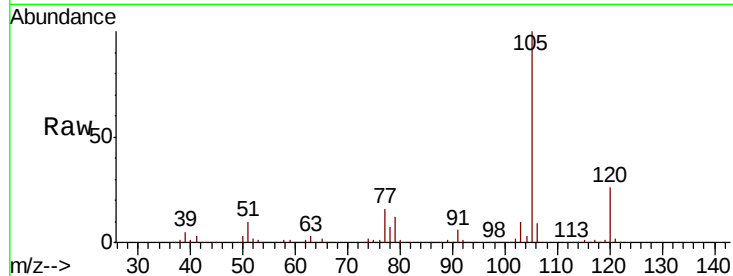
ClientSampleId :

Tot Ion:105 Resp: 407673

Ion Ratio Lower Upper

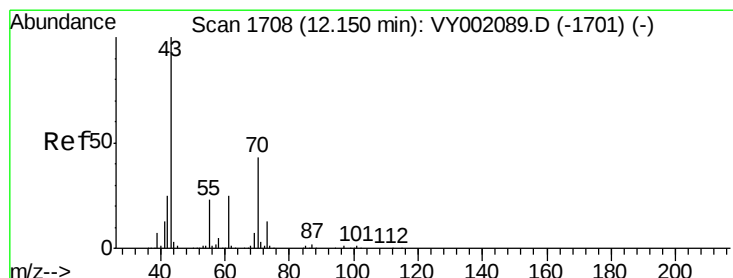
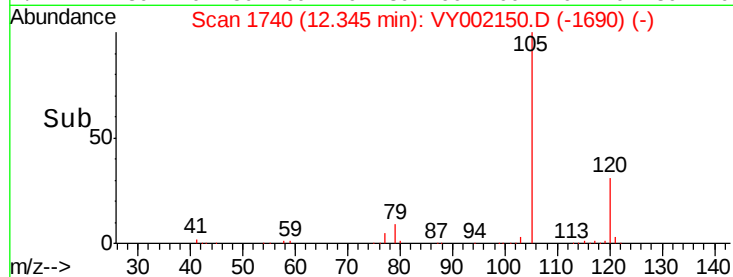
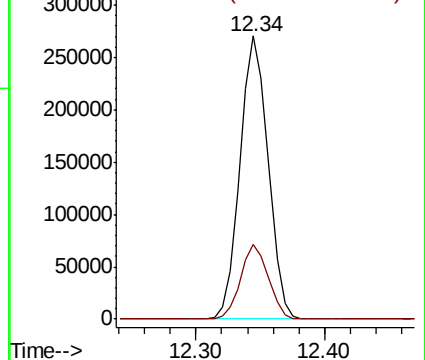
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.836 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Tgt Ion: 43 Resp: 121774

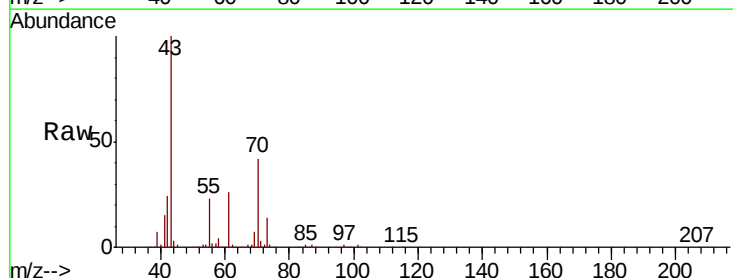
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 23.5 18.7 28.1

61 25.1 20.2 30.2

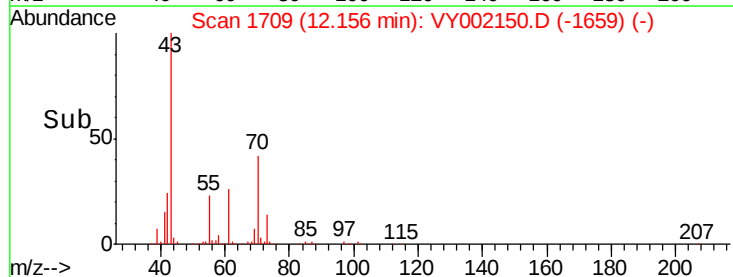
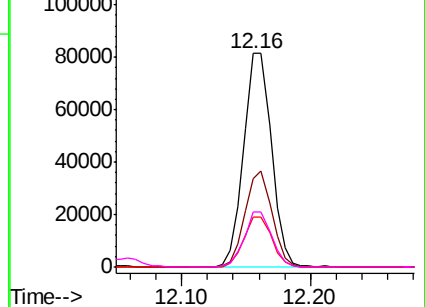


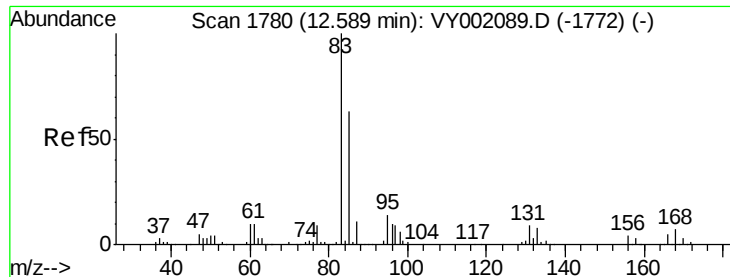
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.234 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

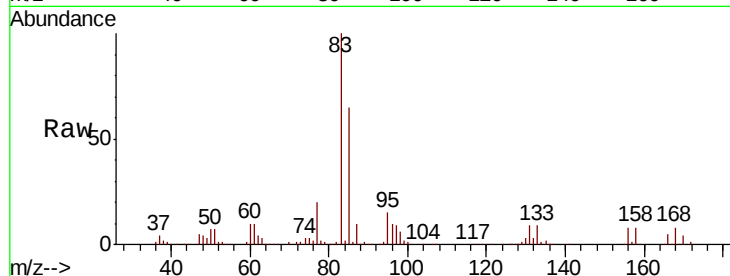
Tot Ion: 83 Resp: 85674

Ion Ratio Lower Upper

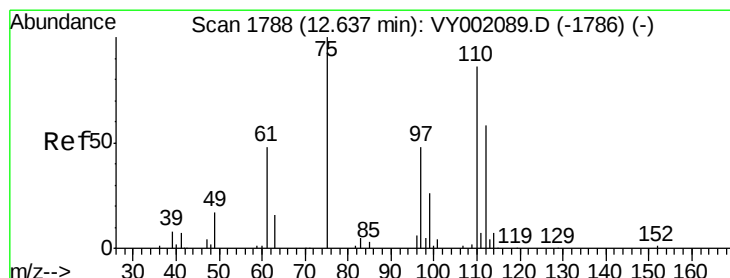
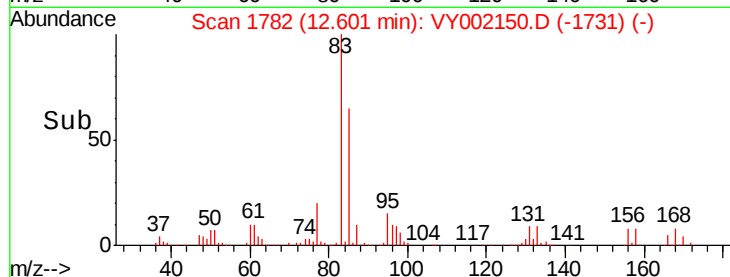
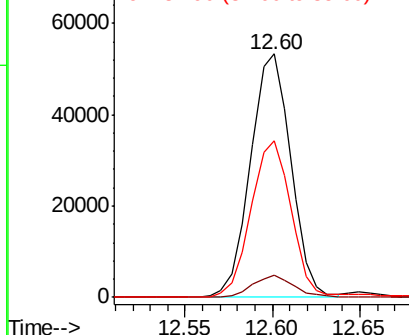
83 100

131 9.3 4.7 14.1

85 63.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 84.057 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002150.D

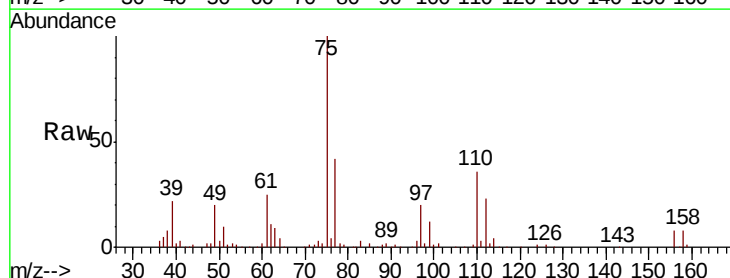
Acq: 31 Mar 2020 21:34

Tgt Ion: 75 Resp: 109152

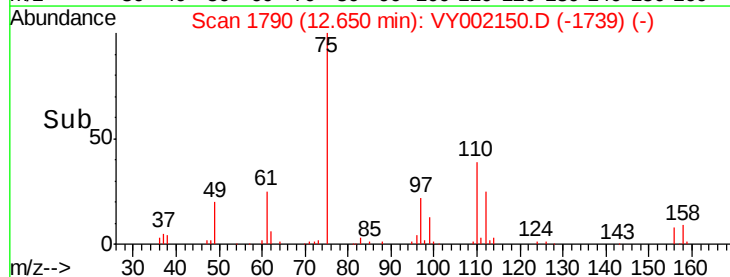
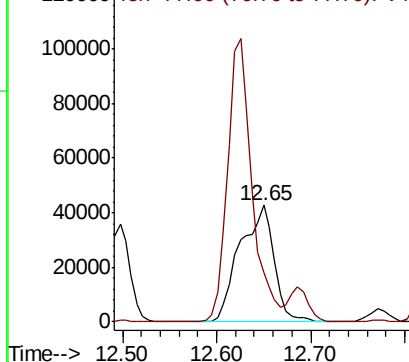
Ion Ratio Lower Upper

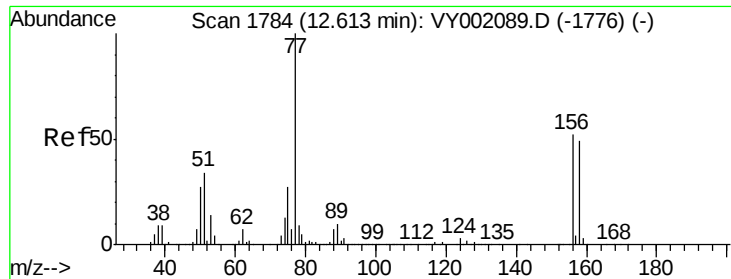
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.096 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

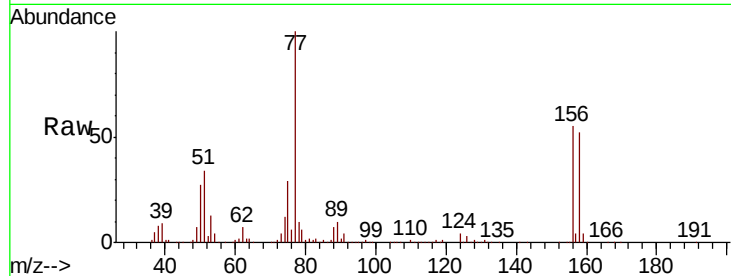
Tot Ion:156 Resp: 88415

Ion Ratio Lower Upper

156 100

77 211.2 107.8 323.6

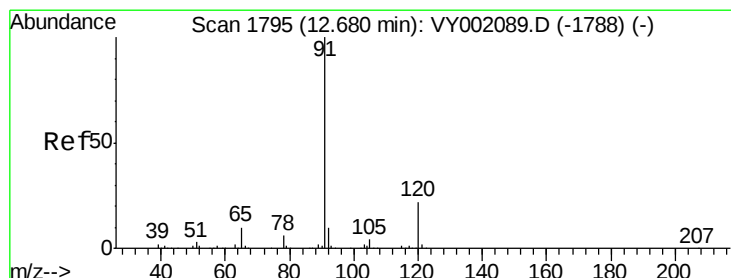
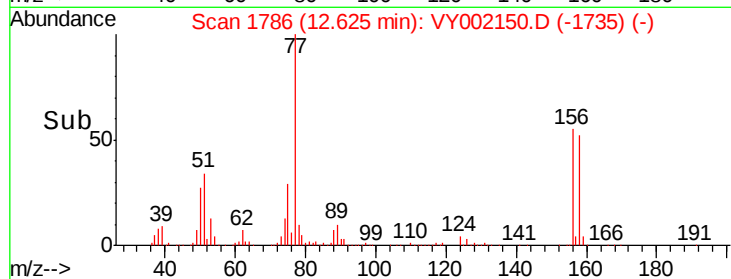
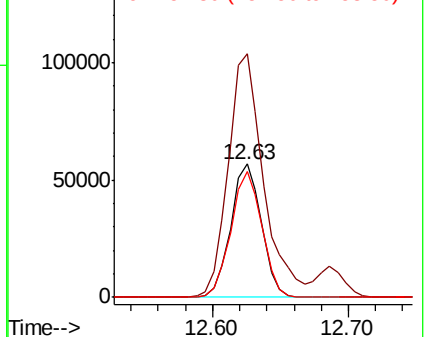
158 95.9 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.297 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002150.D

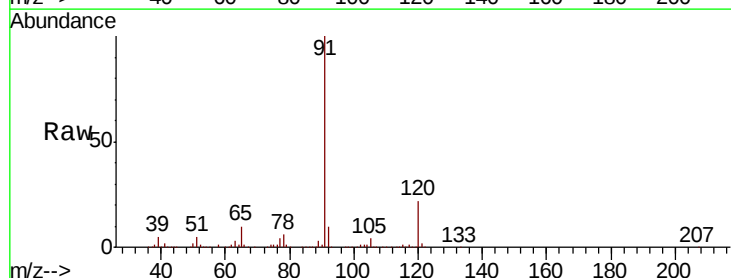
Acq: 31 Mar 2020 21:34

Tgt Ion: 91 Resp: 505443

Ion Ratio Lower Upper

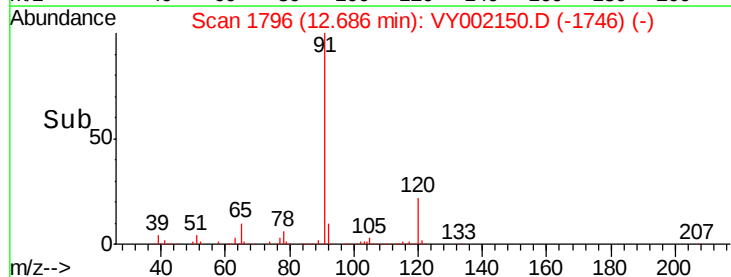
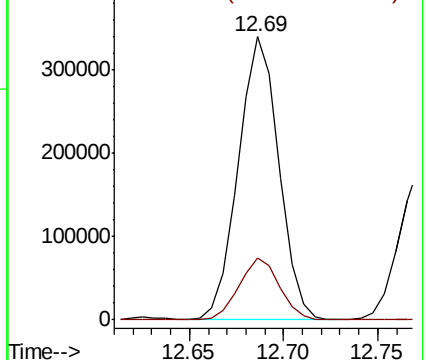
91 100

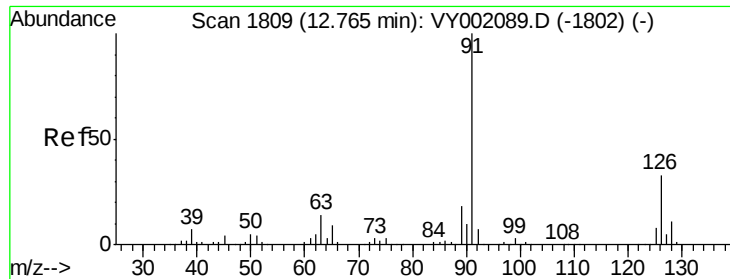
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

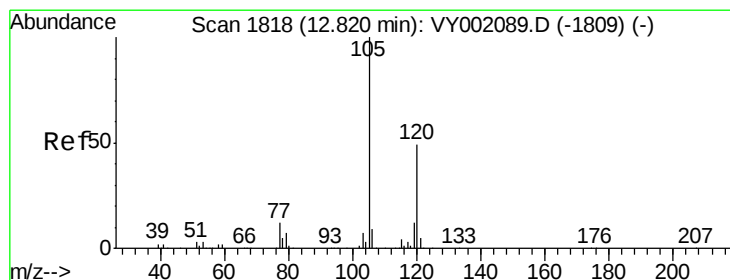
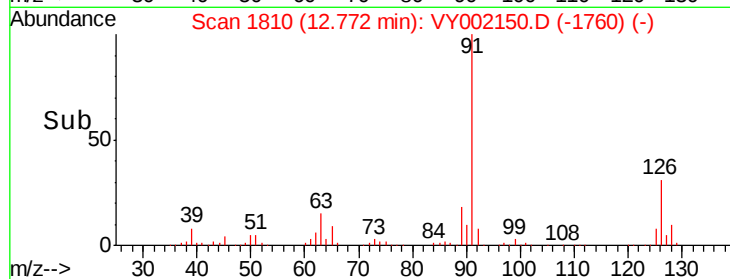
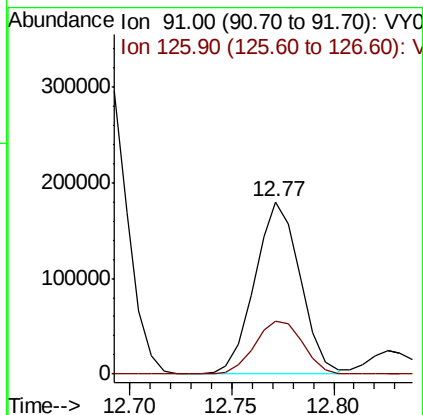
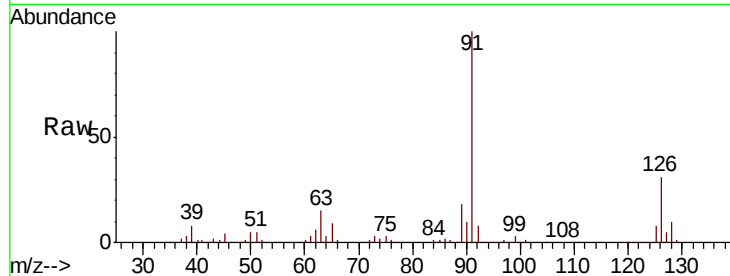




#79
 2-Chlorotoluene
 Concen: 47.368 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

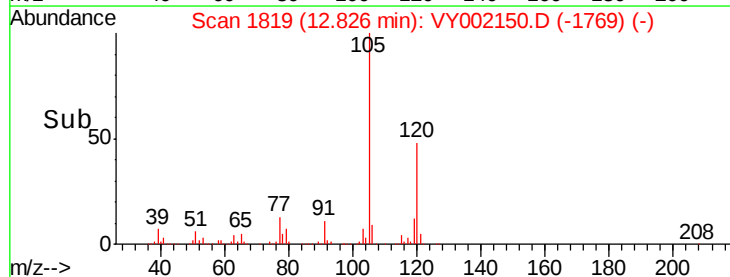
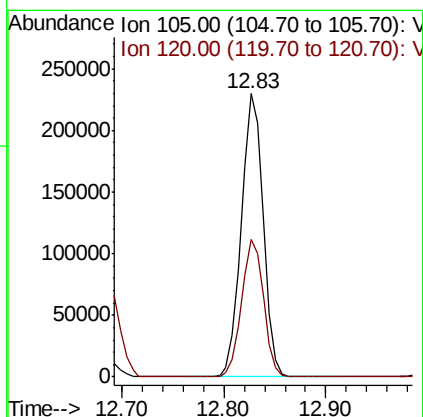
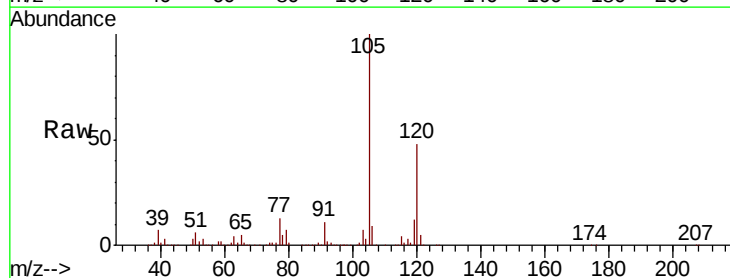
Instrument :
 MSVOA_Y
 ClientSampleId :

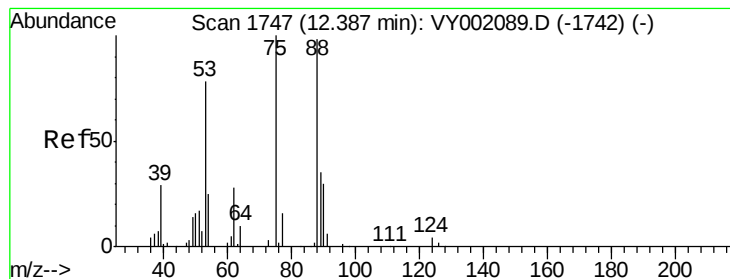
Tot Ion: 91 Resp: 277936
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.671 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion: 105 Resp: 338689
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.837 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

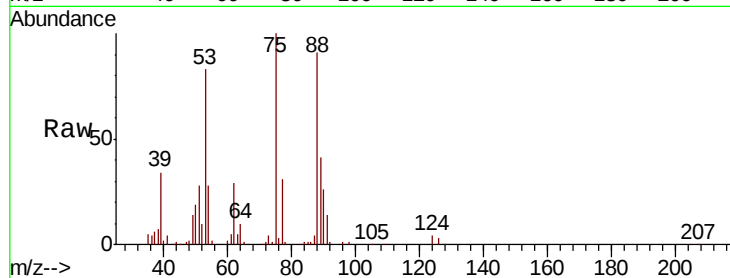
Tot Ion: 75 Resp: 30053

Ion Ratio Lower Upper

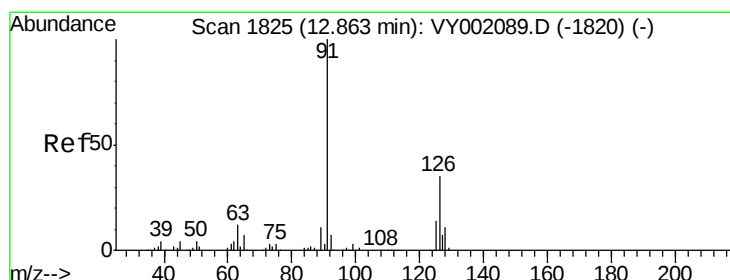
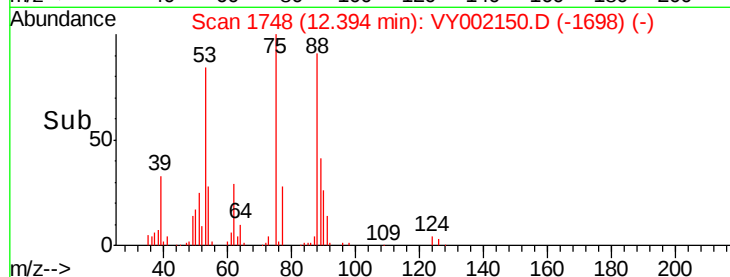
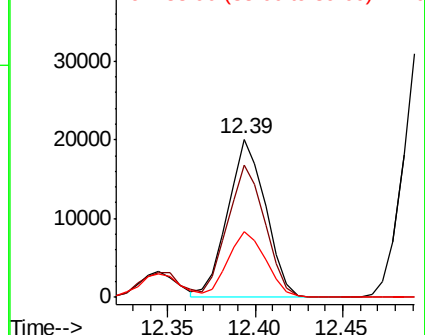
75 100

53 83.6 65.0 97.4

89 41.6 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 46.778 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002150.D

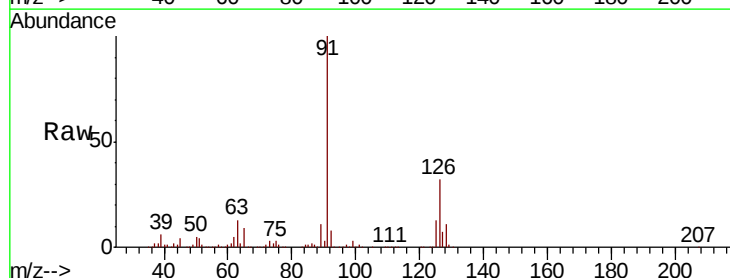
Acq: 31 Mar 2020 21:34

Tgt Ion: 91 Resp: 289232

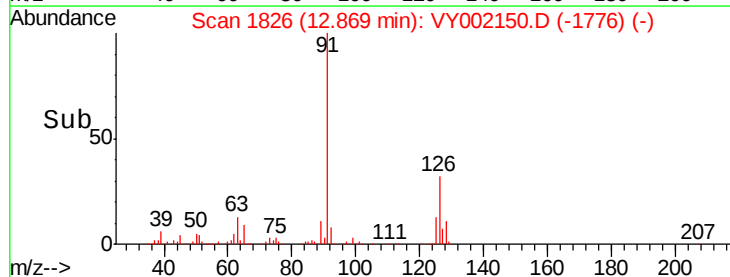
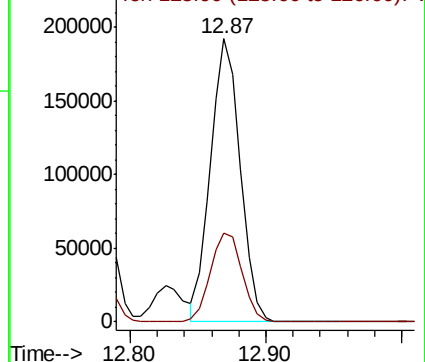
Ion Ratio Lower Upper

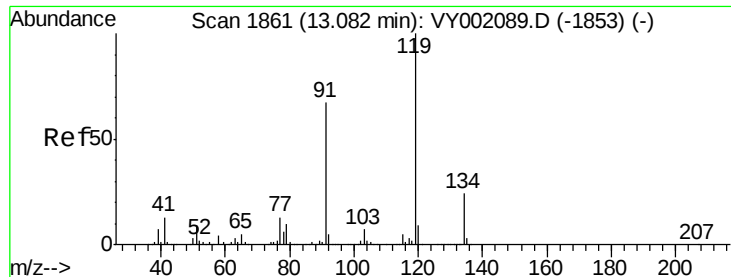
91 100

126 33.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

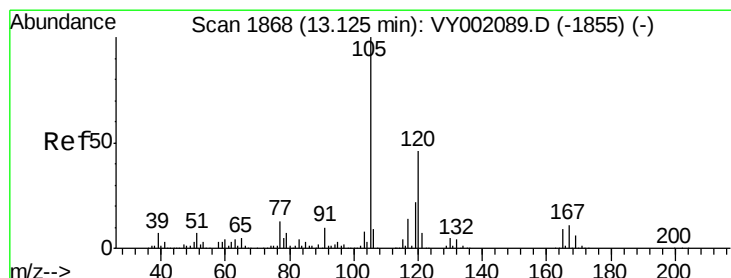
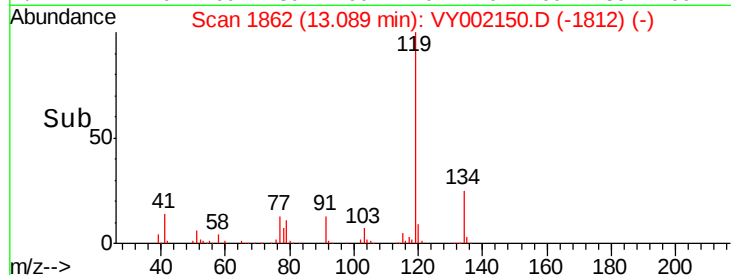
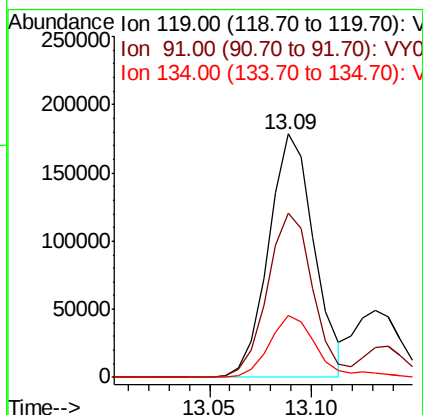
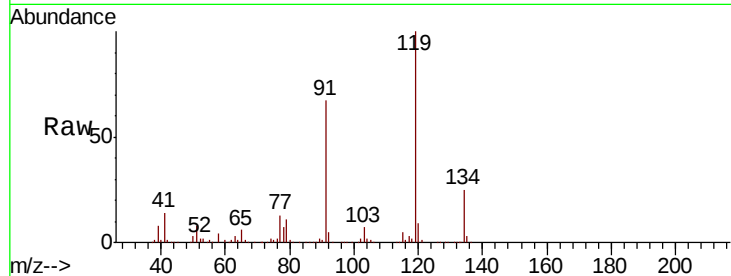




#83
tert-Butylbenzene
Concen: 46.863 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

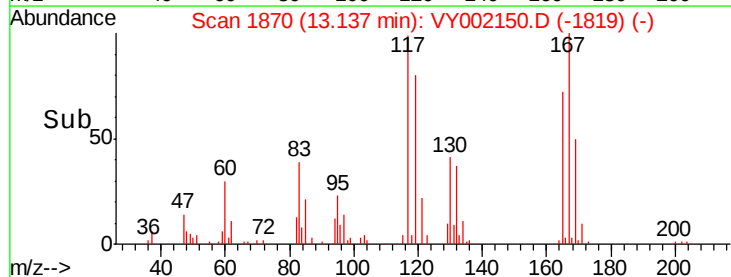
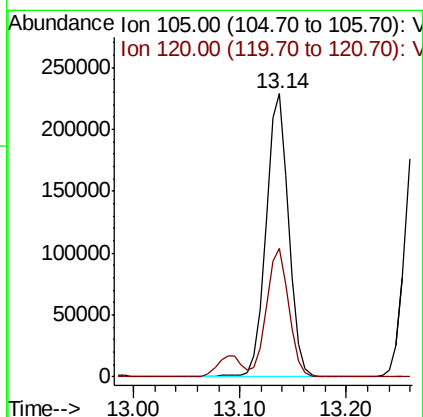
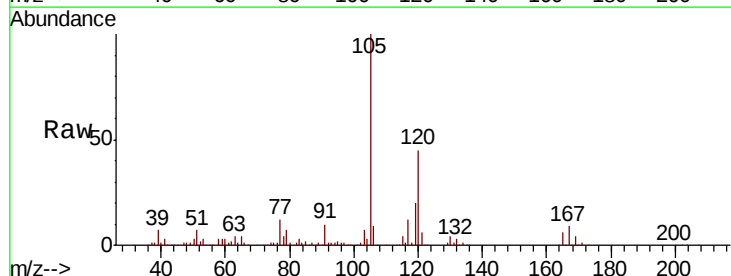
Instrument :
MSVOA_Y
ClientSampleId :

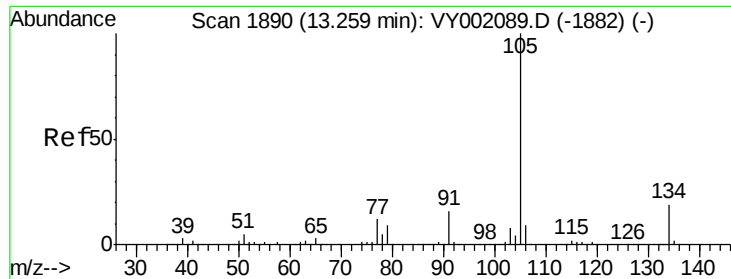
Tot Ion:119 Resp: 277918
Ion Ratio Lower Upper
119 100
91 67.7 32.9 98.6
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 47.596 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion:105 Resp: 337392
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.5

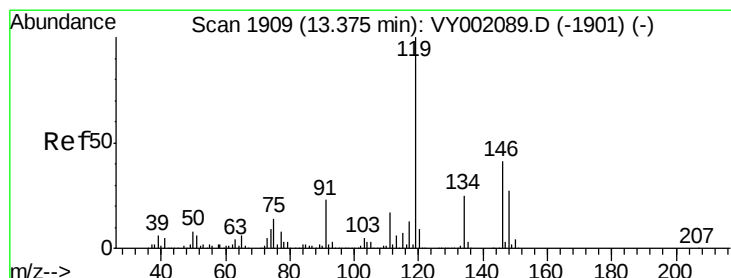
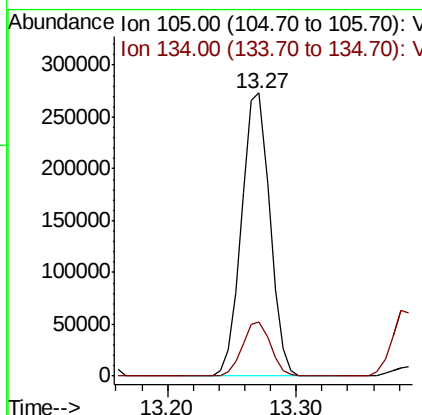
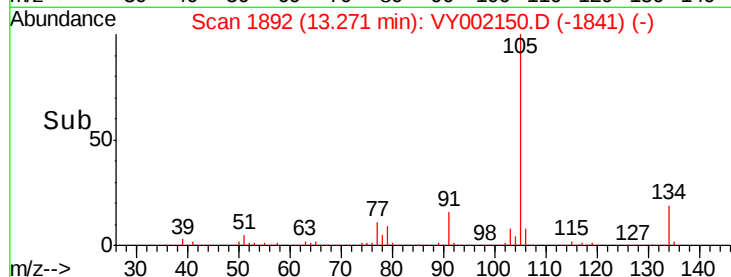
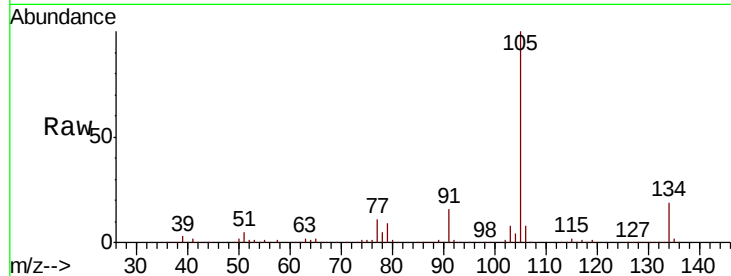




#85
 sec-Butylbenzene
 Concen: 47.092 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

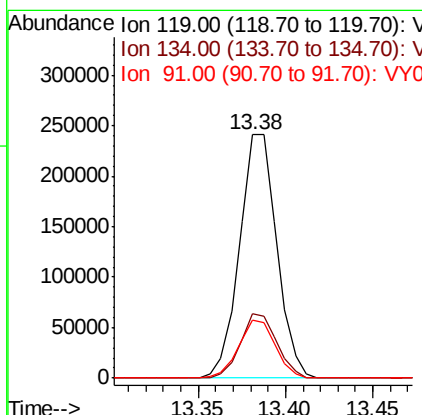
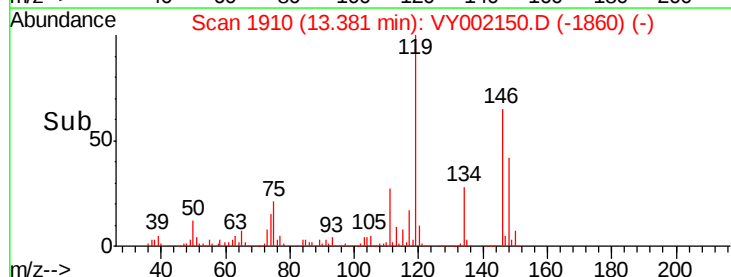
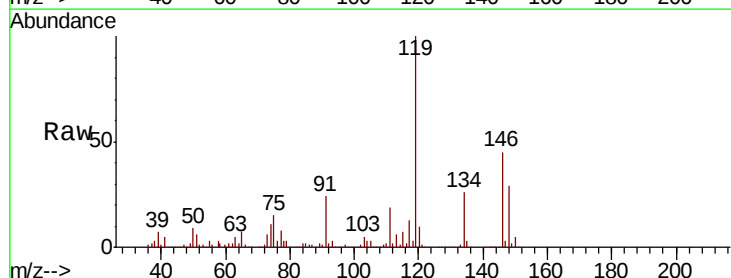
Instrument :
 MSVOA_Y
 ClientSampled :

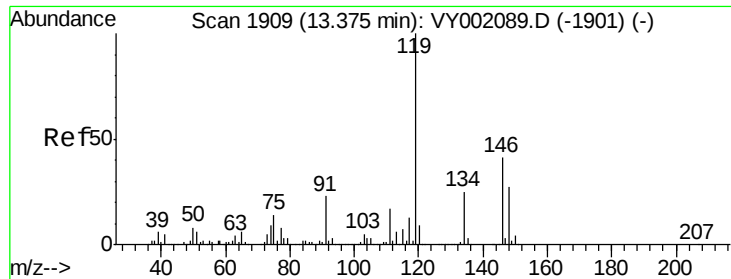
Tot Ion:105 Resp: 413657
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 47.278 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion:119 Resp: 356625
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.089 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

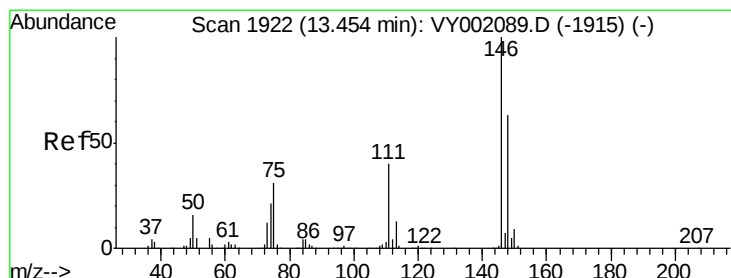
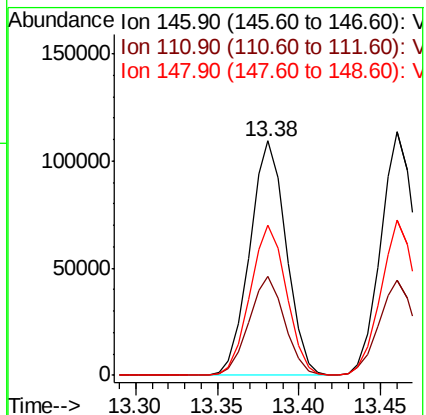
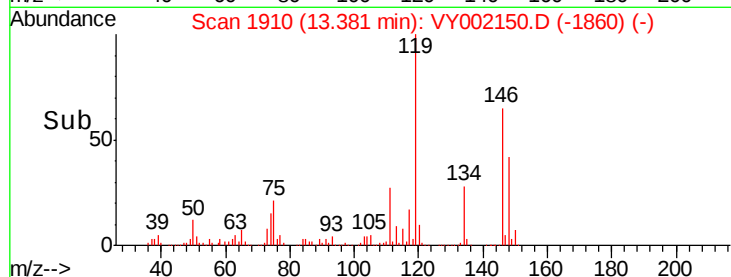
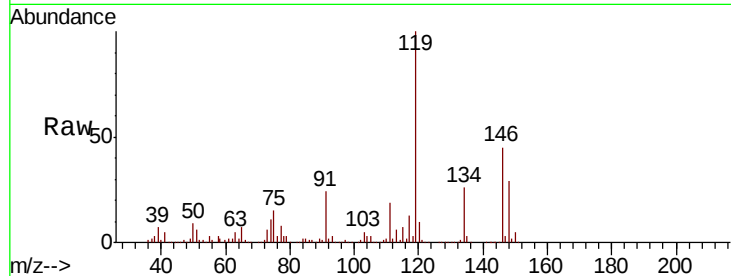
Tot Ion:146 Resp: 169342

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

148 64.1 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 47.124 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

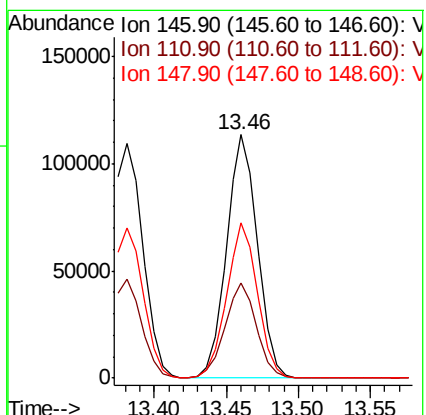
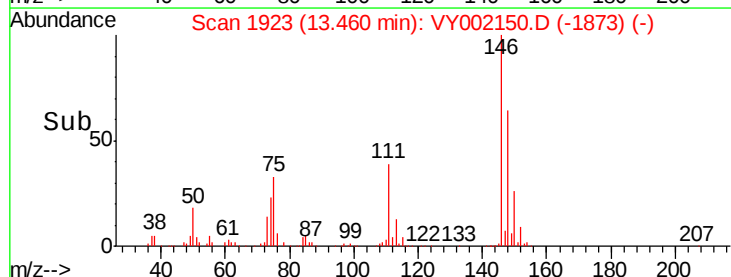
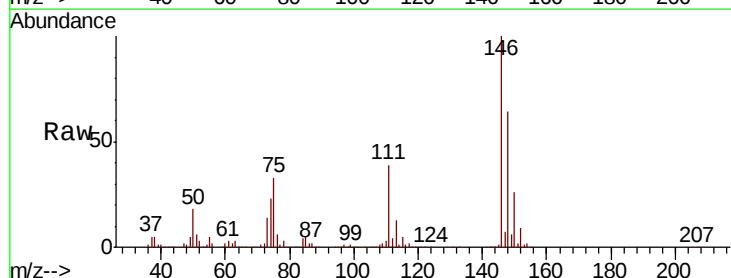
Tgt Ion:146 Resp: 170537

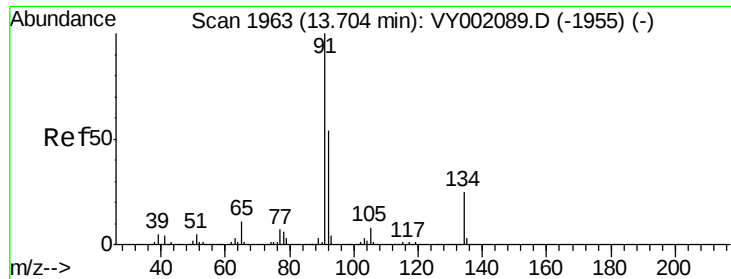
Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 46.110 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

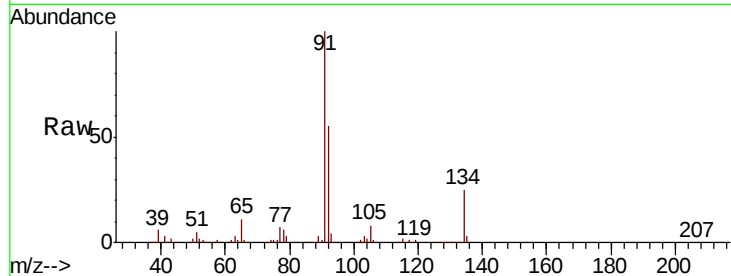
Tot Ion: 91 Resp: 362400

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

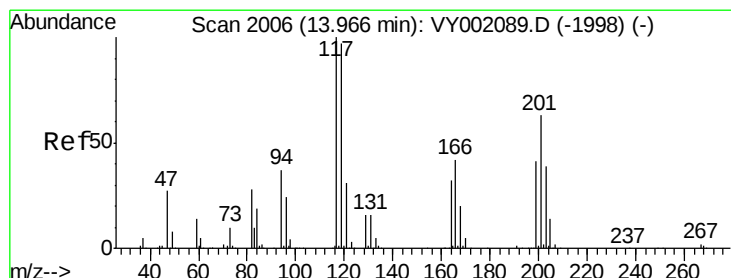
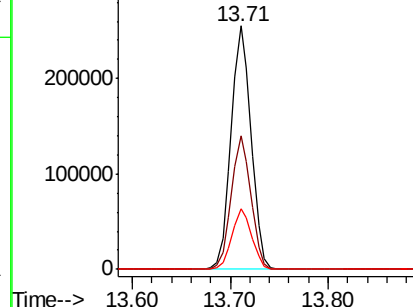
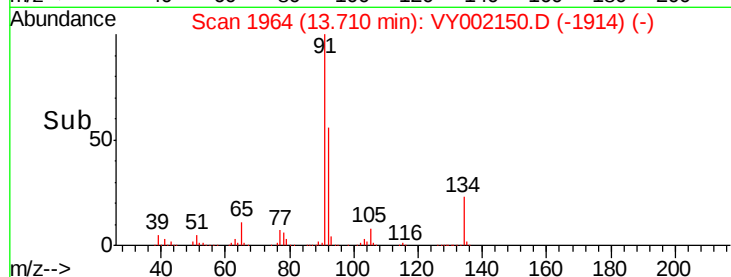
134 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002150.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002150.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002150.D (-1914) (-)



#90

Hexachloroethane

Concen: 47.710 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002150.D

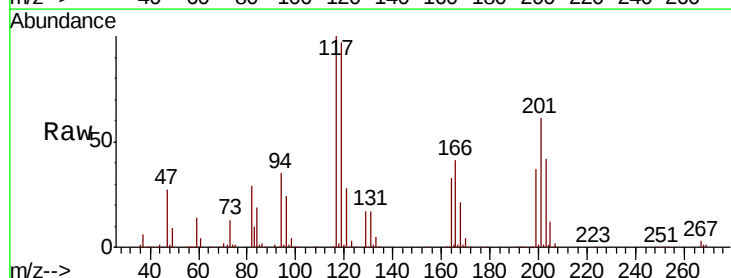
Acq: 31 Mar 2020 21:34

Tgt Ion: 117 Resp: 67814

Ion Ratio Lower Upper

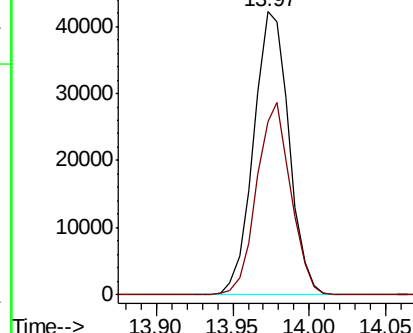
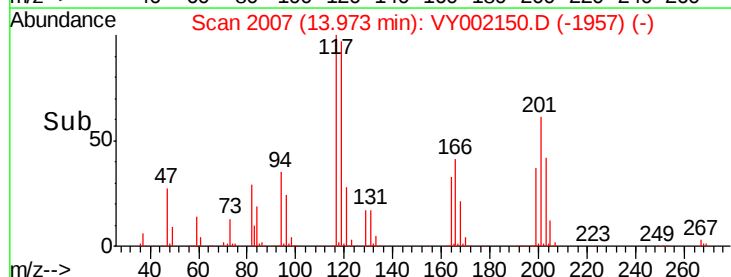
117 100

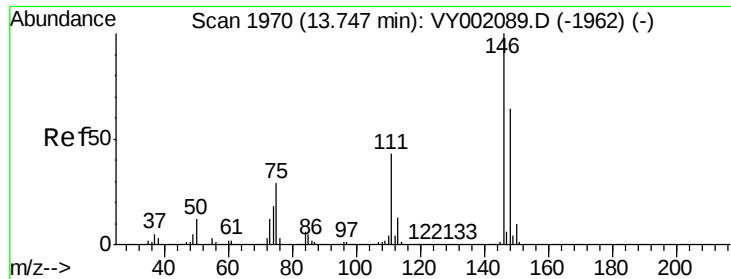
201 65.7 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002150.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002150.D (-1957) (-)





#91

1,2-Dichlorobenzene

Concen: 46.807 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

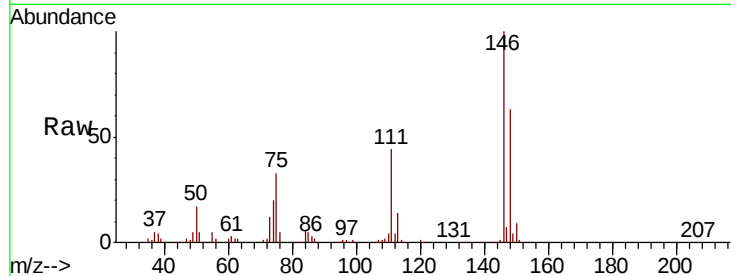
Tot Ion:146 Resp: 155448

Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.7

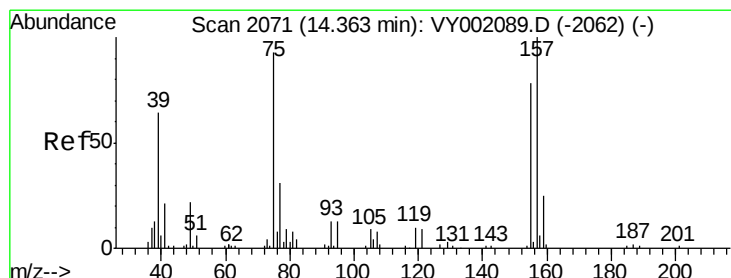
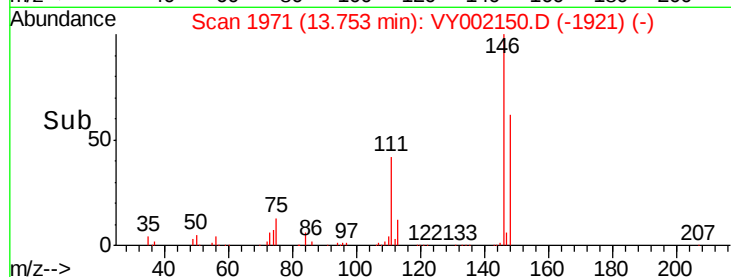
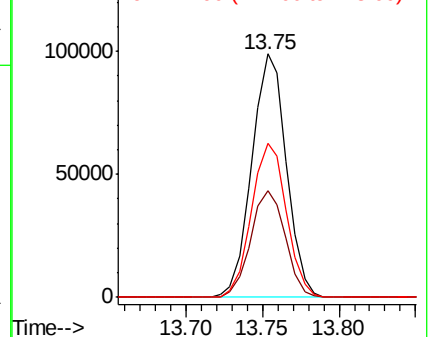
148 64.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.553 ug/l

RT: 14.37 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY002150.D

Acq: 31 Mar 2020 21:34

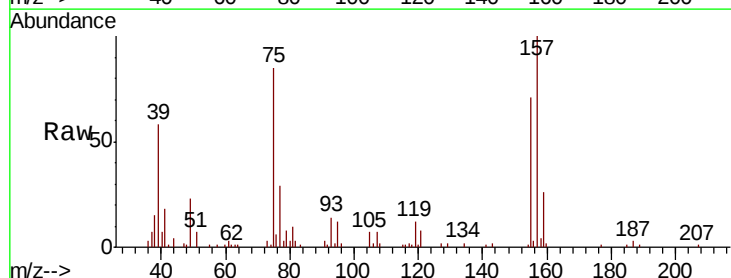
Tgt Ion: 75 Resp: 12631

Ion Ratio Lower Upper

75 100

155 82.0 41.6 124.9

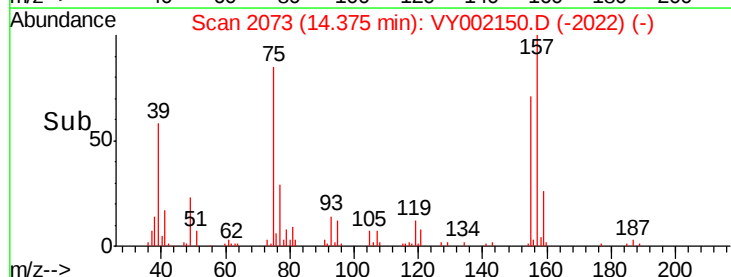
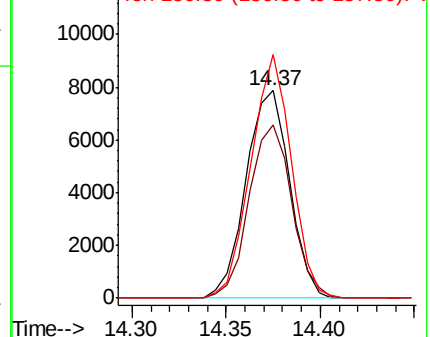
157 109.2 53.4 160.3

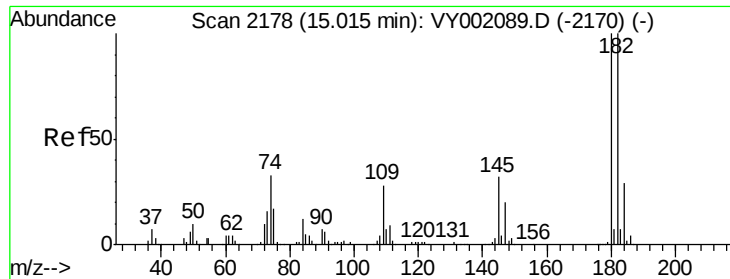


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

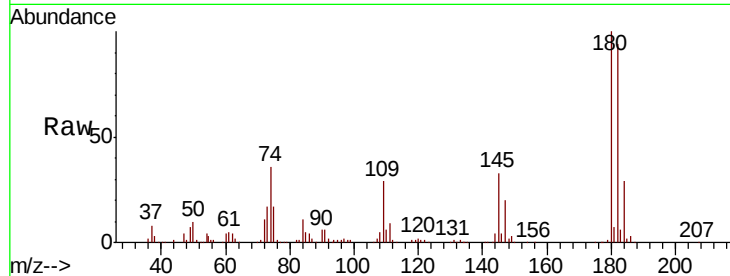




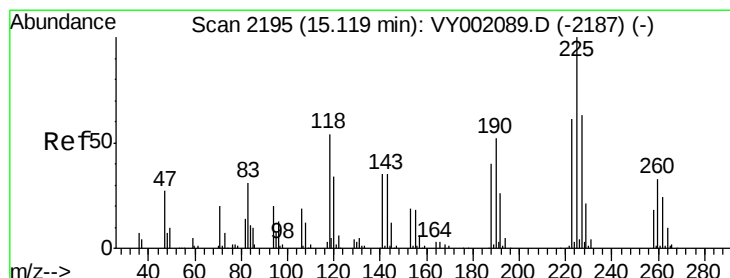
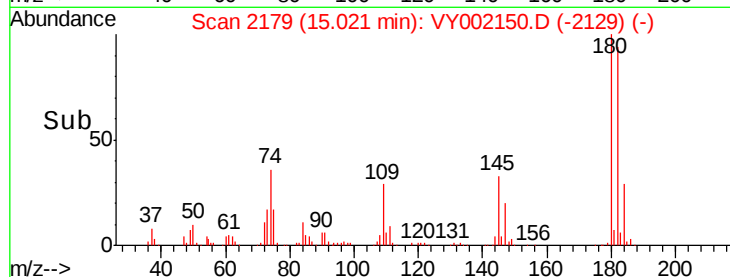
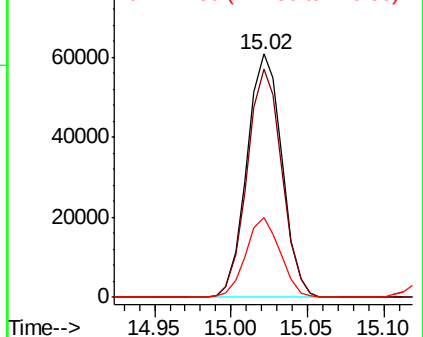
#93
 1,2,4-Trichlorobenzene
 Concen: 45.413 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 97212
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.1 144.3
 145 32.2 15.9 47.6

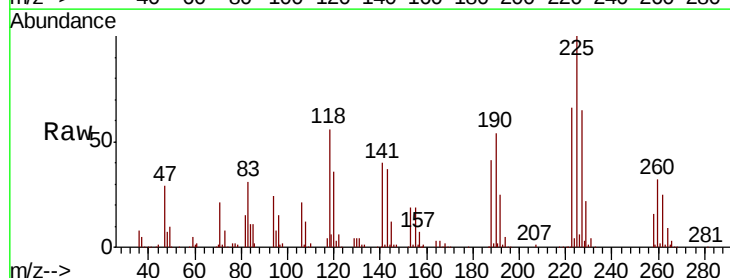


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

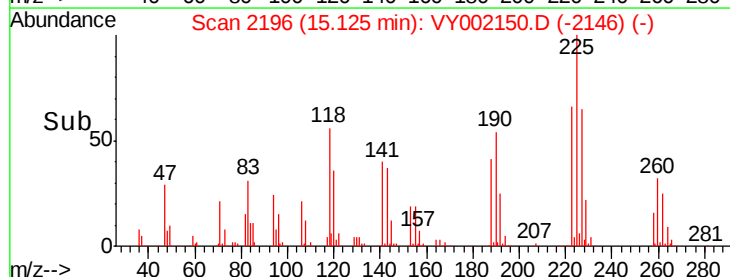
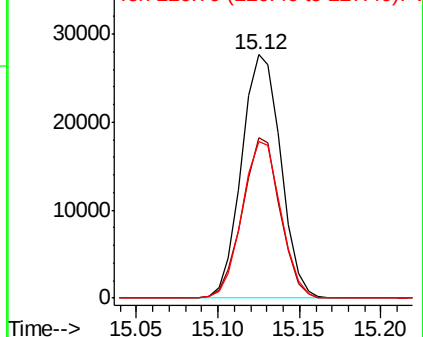


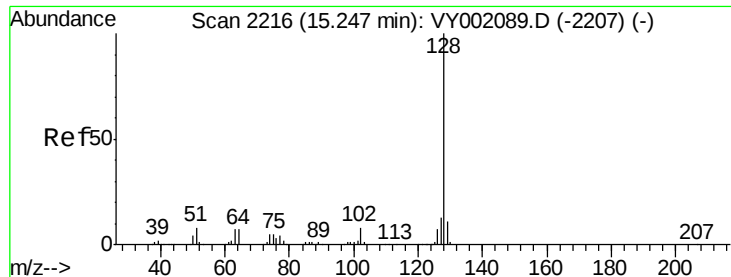
#94
 Hexachlorobutadiene
 Concen: 43.761 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002150.D
 Acq: 31 Mar 2020 21:34

Tgt Ion:225 Resp: 46239
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.3
 227 63.3 31.6 94.7



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

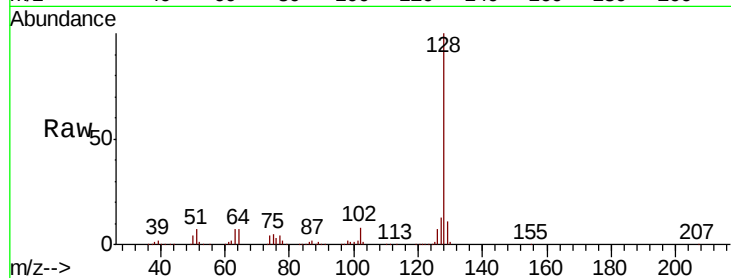




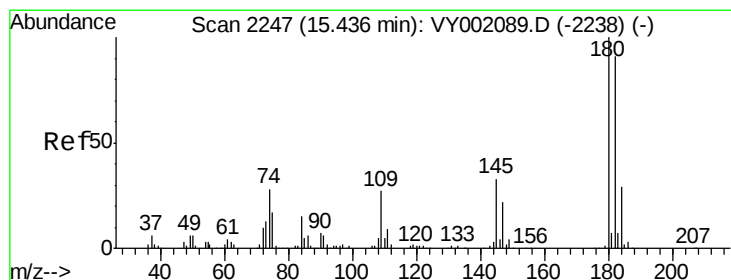
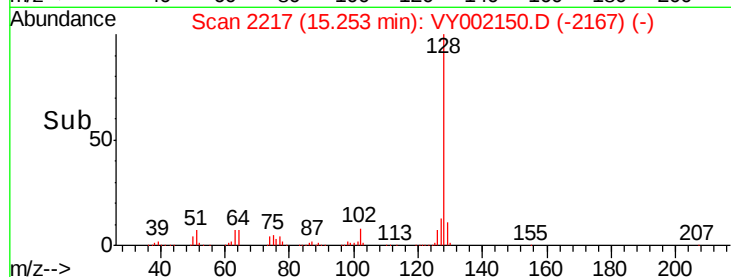
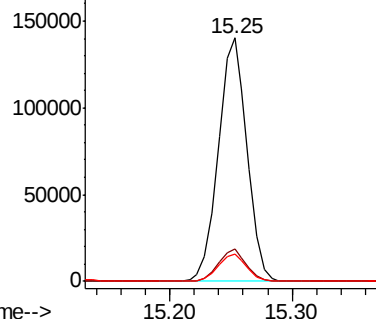
#95
Naphthalene
Concen: 44.827 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	11.0	8.6	13.0

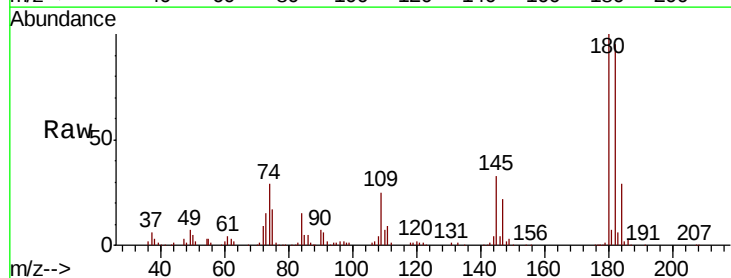


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 44.323 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002150.D
Acq: 31 Mar 2020 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.8	140.3
145	33.9	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

