

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002516.D
 Acq On : 30 Apr 2020 16:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 12:32:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	370724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	545344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	256225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169400	54.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.70%	
35) Dibromofluoromethane	7.73	113	172550	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
50) Toluene-d8	10.18	98	679167	55.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.49	95	230362	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	162160	52.832	ug/l	96
3) Chloromethane	2.11	50	162865	54.224	ug/l	98
4) Vinyl Chloride	2.26	62	189693	54.695	ug/l	99
5) Bromomethane	2.66	94	128912	53.899	ug/l	99
6) Chloroethane	2.80	64	111725	53.951	ug/l	96
7) Trichlorofluoromethane	3.13	101	288930	53.753	ug/l	99
8) Diethyl Ether	3.54	74	94547	52.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	174072	52.988	ug/l	99
10) Methyl Iodide	4.10	142	247098	55.209	ug/l	99
11) Tert butyl alcohol	4.97	59	72190	225.103	ug/l	99
12) 1,1-Dichloroethene	3.88	96	170515	53.430	ug/l	97
13) Acrolein	3.74	56	63546	286.549	ug/l	95
14) Allyl chloride	4.49	41	248639	53.472	ug/l	99
15) Acrylonitrile	5.18	53	217278	255.074	ug/l	100
16) Acetone	3.96	43	163437	254.059	ug/l	95
17) Carbon Disulfide	4.21	76	535214	55.746	ug/l	100
18) Methyl Acetate	4.49	43	105834	49.238	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	431198	51.788	ug/l	98
20) Methylene Chloride	4.73	84	181244	50.382	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	187254	53.683	ug/l	96
22) Diisopropyl ether	6.14	45	496693	52.792	ug/l	94
23) Vinyl Acetate	6.08	43	1568123	265.022	ug/l	100
24) 1,1-Dichloroethane	6.03	63	294574	52.924	ug/l	100
25) 2-Butanone	7.00	43	262545	249.319	ug/l	95
26) 2,2-Dichloropropane	7.00	77	269524	50.943	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	204044	52.867	ug/l	99
28) Bromochloromethane	7.35	49	125648	55.096	ug/l	100
29) Tetrahydrofuran	7.36	42	176306	253.053	ug/l	100
30) Chloroform	7.52	83	302787	52.318	ug/l	98
31) Cyclohexane	7.80	56	285652	50.985	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	284456	52.880	ug/l	100
36) 1,1-Dichloropropene	7.92	75	244750	53.536	ug/l	100
37) Ethyl Acetate	7.08	43	119702	50.953	ug/l	100
38) Carbon Tetrachloride	7.91	117	264713	53.036	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	327327	54.209	ug/l	99
40) Benzene	8.17	78	707752	53.602	ug/l	100
41) Methacrylonitrile	7.34	41	74339m	58.853	ug/l	
42) 1,2-Dichloroethane	8.25	62	193497	52.244	ug/l	100
43) Isopropyl Acetate	8.28	43	227244	51.597	ug/l	100
44) Trichloroethene	8.95	130	218489	52.949	ug/l	98
45) 1,2-Dichloropropane	9.22	63	167896	52.686	ug/l	99
46) Dibromomethane	9.31	93	94873	51.744	ug/l	98
47) Bromodichloromethane	9.50	83	236448	53.036	ug/l	99
48) Methyl methacrylate	9.30	41	103202	51.777	ug/l	99
49) 1,4-Dioxane	9.30	88	25168	1036.734	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	580495	255.713	ug/l	100
52) Toluene	10.25	92	450861	53.131	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	248796	53.263	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	287867	53.308	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	138993	51.984	ug/l	98
56) Ethyl methacrylate	10.51	69	191080	53.720	ug/l	99
57) 1,3-Dichloropropane	10.80	76	234984	51.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	477426	254.524	ug/l	100
59) 2-Hexanone	10.83	43	399869	255.926	ug/l	100
60) Dibromochloromethane	10.99	129	180422	53.055	ug/l	100
61) 1,2-Dibromoethane	11.09	107	138075	52.153	ug/l	100
64) Tetrachloroethene	10.72	164	230405	51.960	ug/l	98
65) Chlorobenzene	11.52	112	496771	52.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	186885	53.066	ug/l	99
67) Ethyl Benzene	11.59	91	883254	52.999	ug/l	100
68) m/p-Xylenes	11.70	106	684480	106.150	ug/l	100
69) o-Xylene	12.03	106	320695	53.116	ug/l	99
70) Styrene	12.05	104	550301	53.316	ug/l	100
71) Bromoform	12.21	173	114821	52.529	ug/l	99
73) Isopropylbenzene	12.33	105	877655	52.852	ug/l	100
74) N-amyl acetate	12.14	43	206867	51.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135033	51.131	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	118099m	51.866	ug/l	
77) Bromobenzene	12.61	156	217415	52.404	ug/l	99
78) n-propylbenzene	12.67	91	1021538	53.010	ug/l	99
79) 2-Chlorotoluene	12.76	91	559331	52.398	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	728677	52.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	57826	50.924	ug/l	100
82) 4-Chlorotoluene	12.86	91	587963	52.437	ug/l	99
83) tert-Butylbenzene	13.08	119	642737	53.253	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	730668	53.262	ug/l	100
85) sec-Butylbenzene	13.25	105	891066	53.205	ug/l	99
86) p-Isopropyltoluene	13.37	119	837950	53.398	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	411462	52.400	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	413893	53.232	ug/l	100
89) n-Butylbenzene	13.70	91	757573	53.030	ug/l	99
90) Hexachloroethane	13.96	117	151450	52.996	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	370452	52.872	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24852	50.483	ug/l	98

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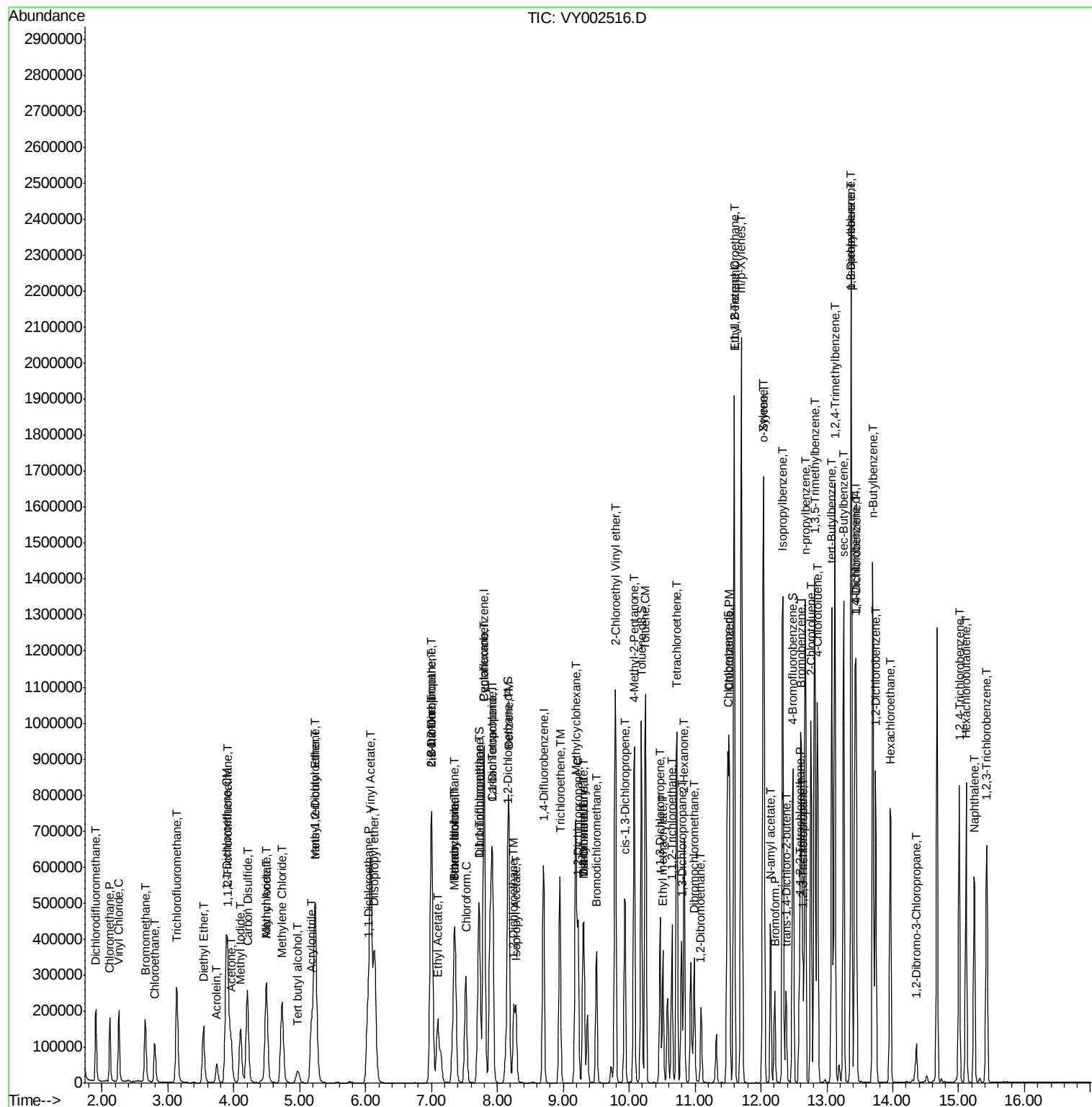
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	268668	52.815	ug/l	100
94) Hexachlorobutadiene	15.11	225	162105	53.089	ug/l	99
95) Naphthalene	15.23	128	492237	53.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	230405	53.354	ug/l	99

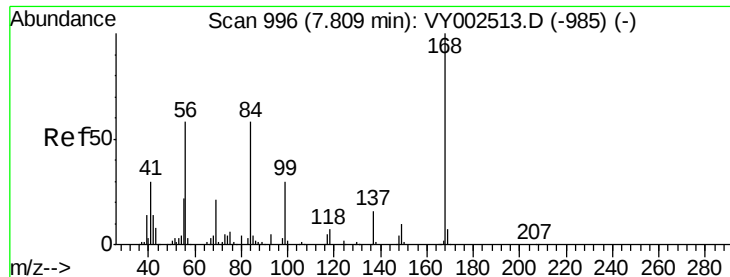
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

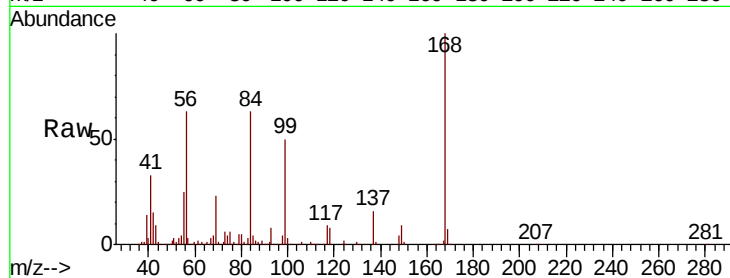
ClientSampled :

Tot Ion:168 Resp: 370724

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002516.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002516.D (-947) (-)

7.80

150000

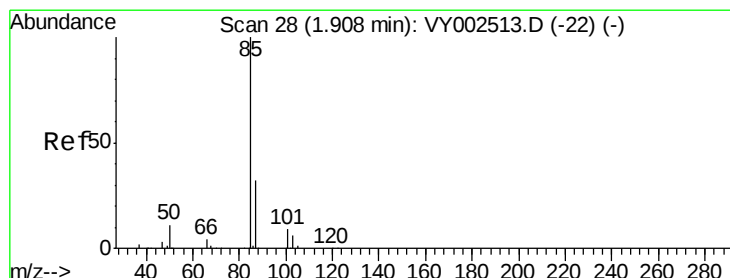
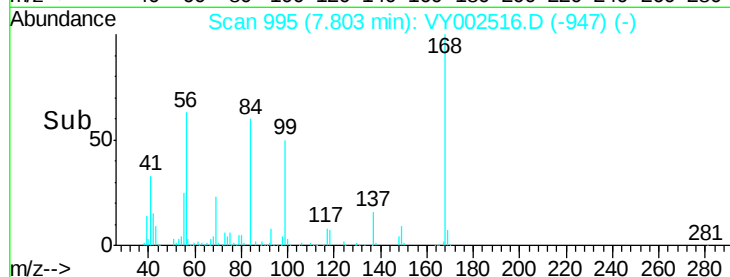
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.832 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002516.D

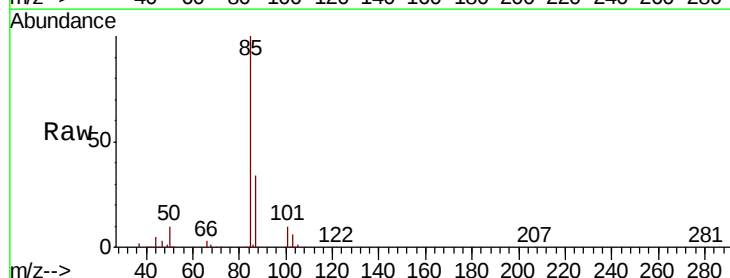
Acq: 30 Apr 2020 16:48

Tgt Ion: 85 Resp: 162160

Ion Ratio Lower Upper

85 100

87 34.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002516.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002516.D (-1) (-)

1.91

120000

100000

80000

60000

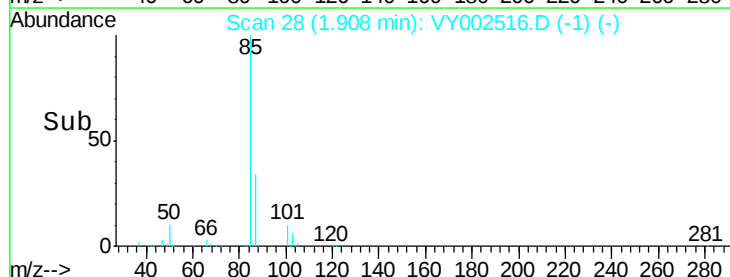
40000

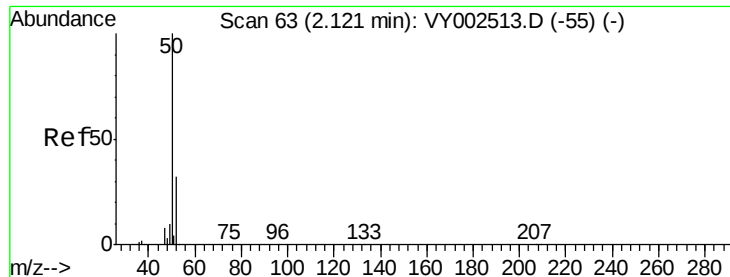
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 54.224 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

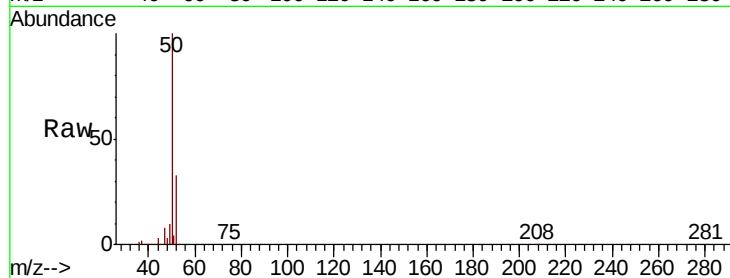
ClientSampled :

Tot Ion: 50 Resp: 162865

Ion Ratio Lower Upper

50 100

52 33.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

120000

100000

80000

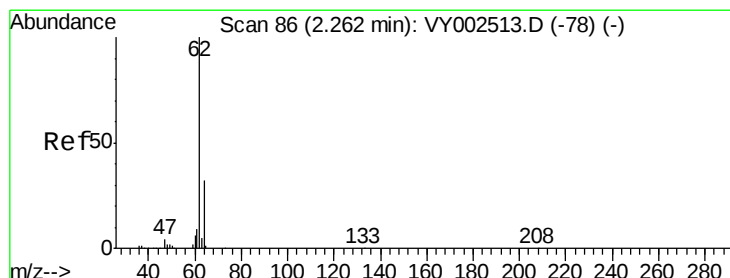
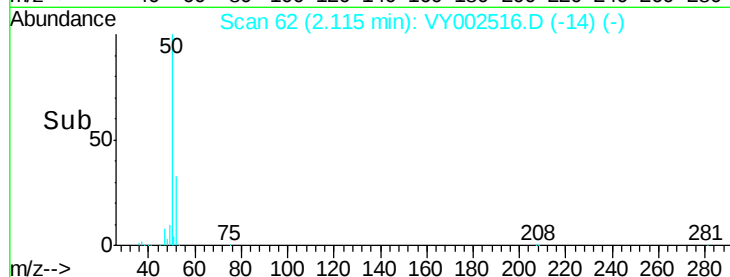
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 54.695 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002516.D

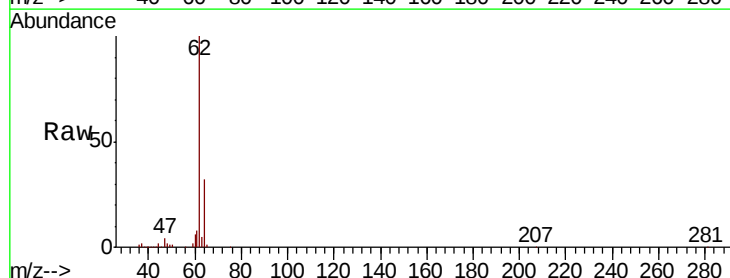
Acq: 30 Apr 2020 16:48

Tgt Ion: 62 Resp: 189693

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

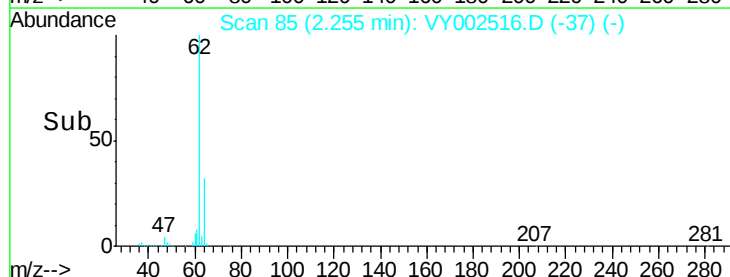
2.26

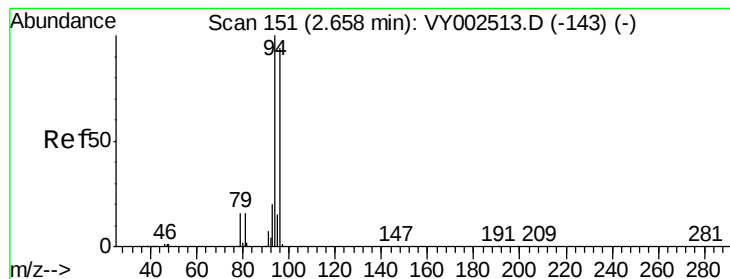
100000

50000

0

Time-->





#5

Bromomethane

Concen: 53.899 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

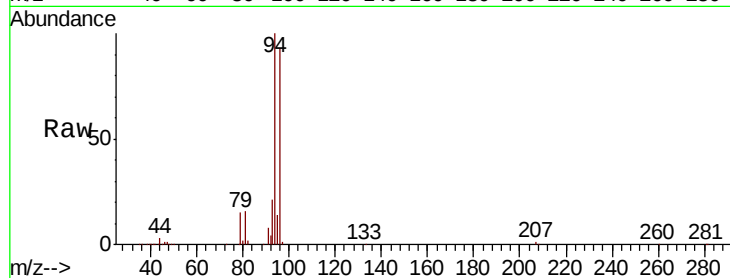
ClientSampleId :

Tot Ion: 94 Resp: 128912

Ion Ratio Lower Upper

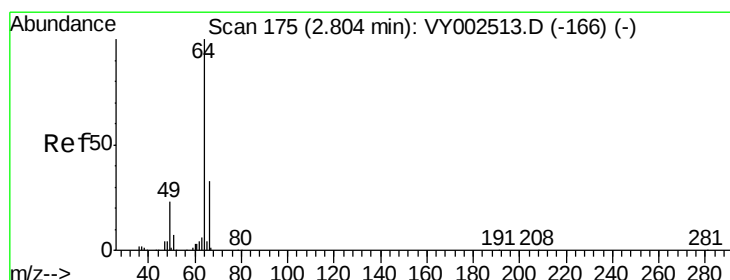
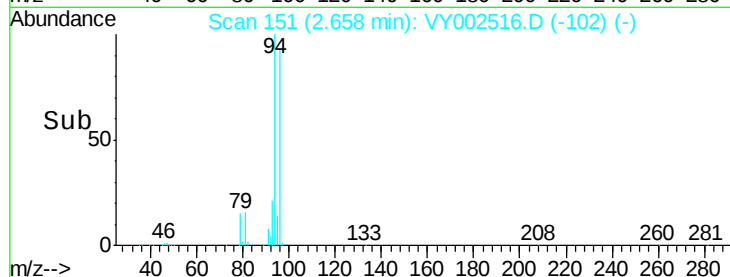
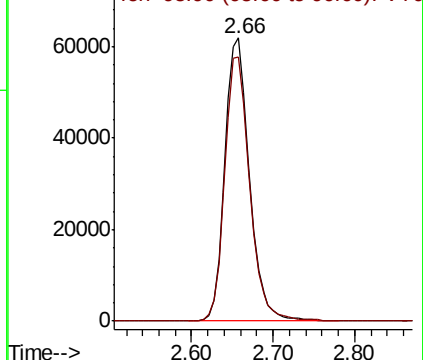
94 100

96 93.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.951 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002516.D

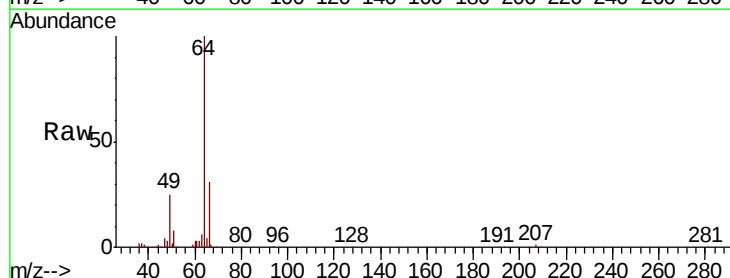
Acq: 30 Apr 2020 16:48

Tgt Ion: 64 Resp: 111725

Ion Ratio Lower Upper

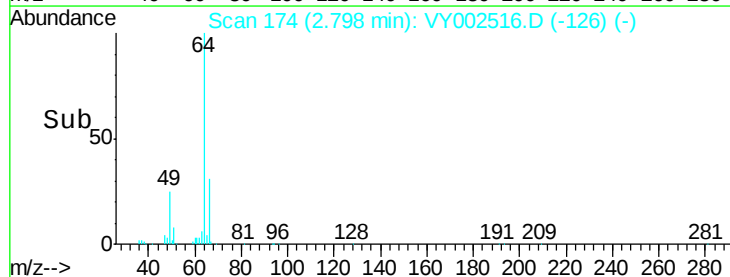
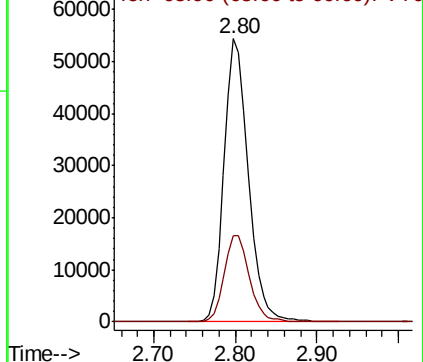
64 100

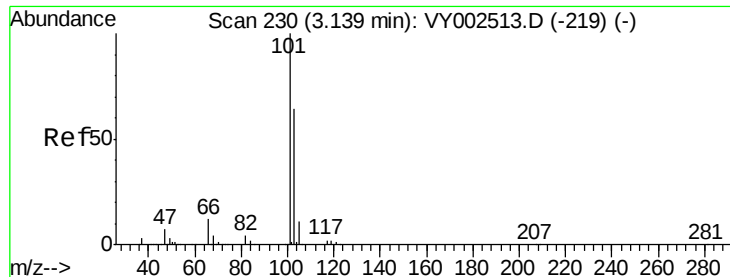
66 30.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



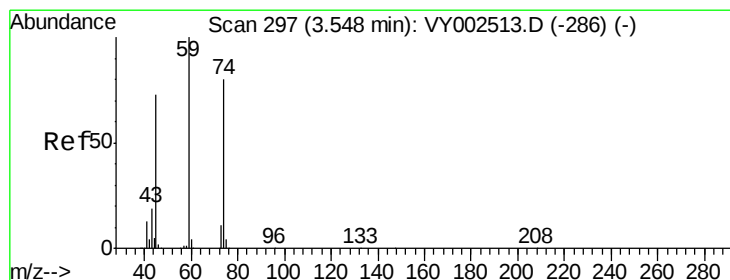
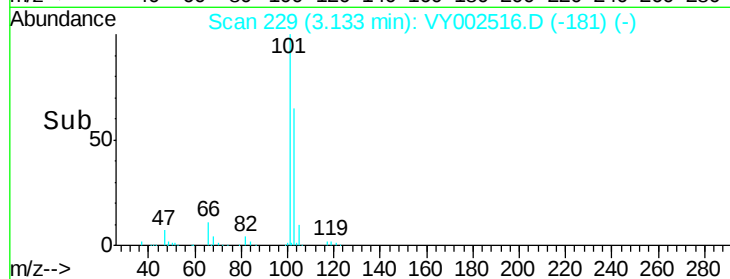
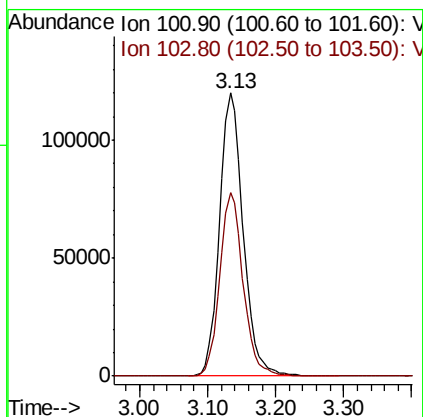
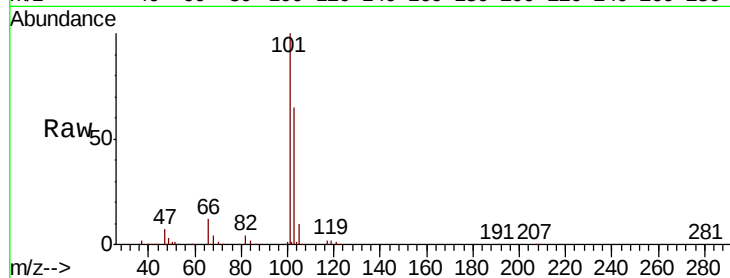


#7

Trichlorofluoromethane
Concen: 53.753 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

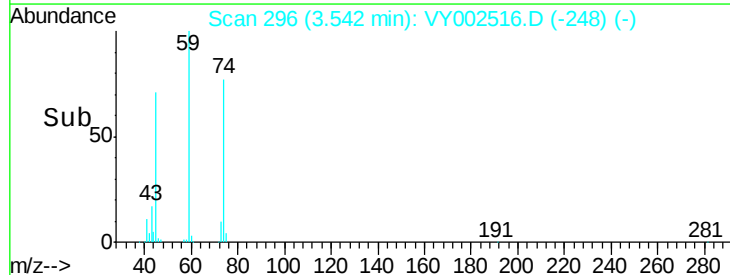
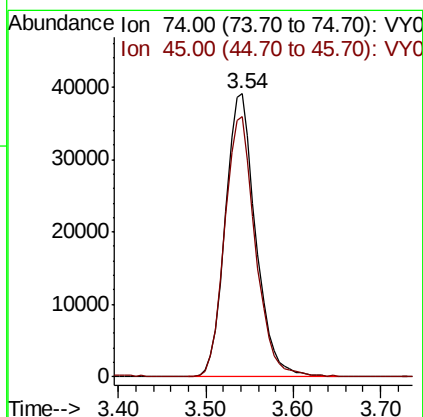
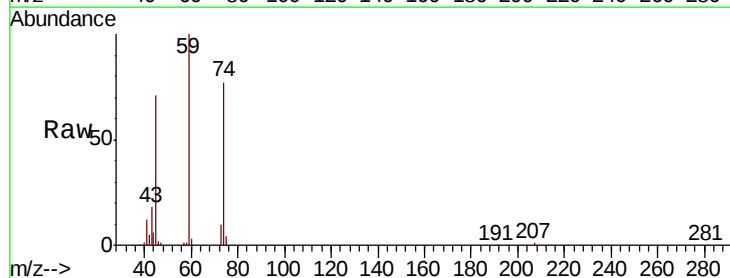
Tot Ion:101 Resp: 288930
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

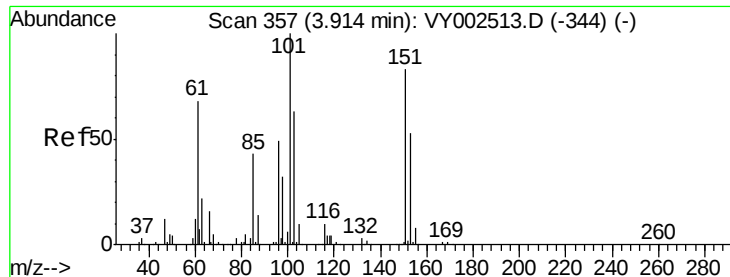


#8

Diethyl Ether
Concen: 52.343 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 74 Resp: 94547
Ion Ratio Lower Upper
74 100
45 93.1 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.988 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

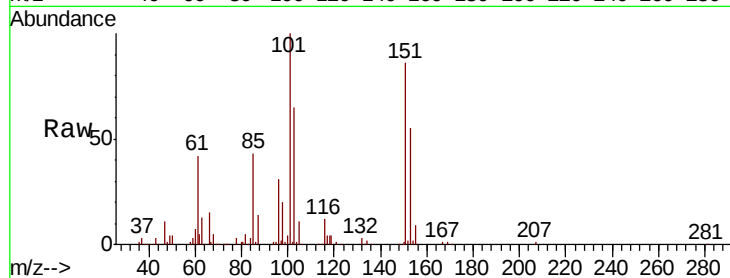
Tot Ion:101 Resp: 174072

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.2

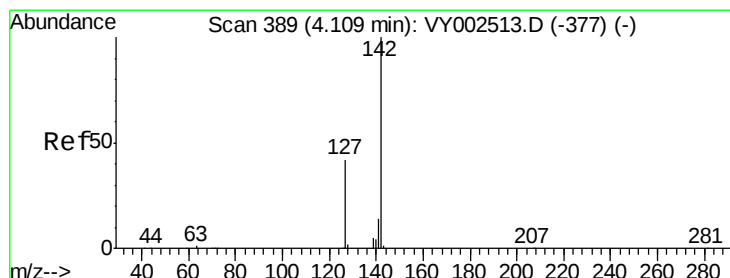
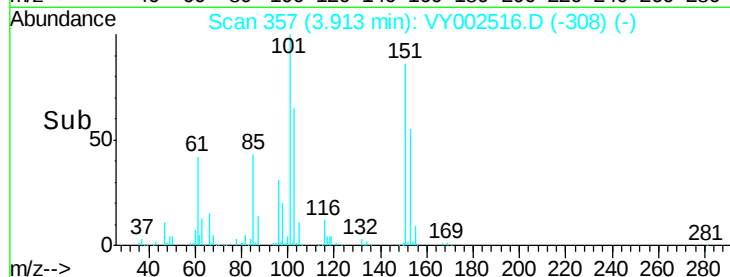
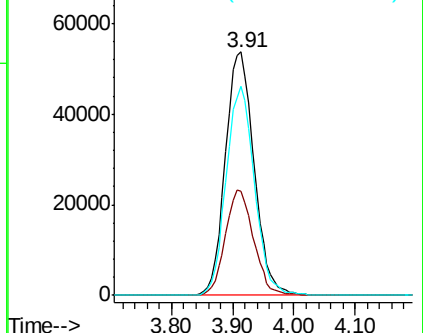
151 84.6 66.8 100.2



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: 55.209 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

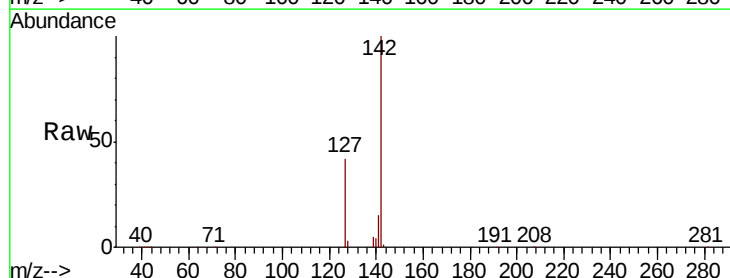
Tgt Ion:142 Resp: 247098

Ion Ratio Lower Upper

142 100

127 42.5 33.7 50.5

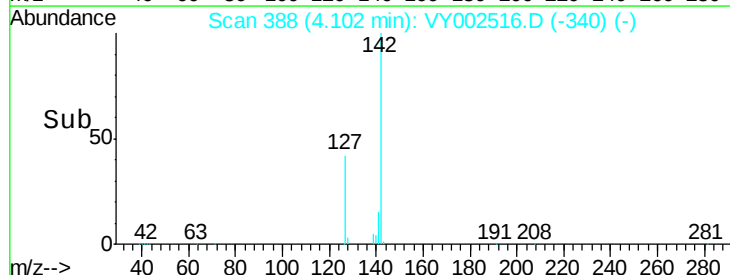
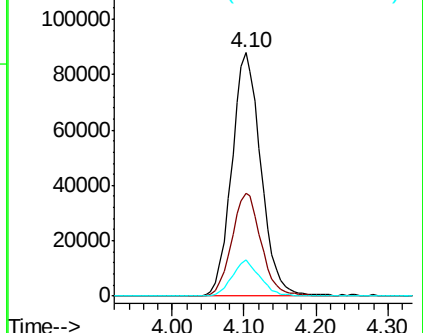
141 14.3 11.4 17.0

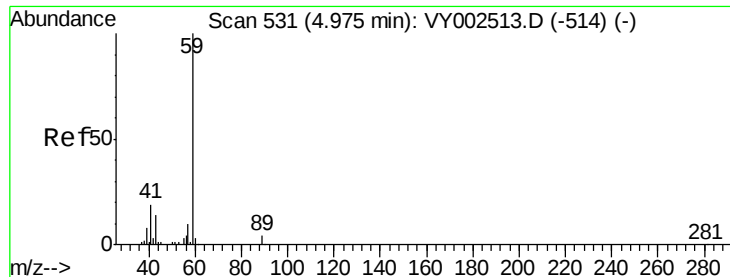


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



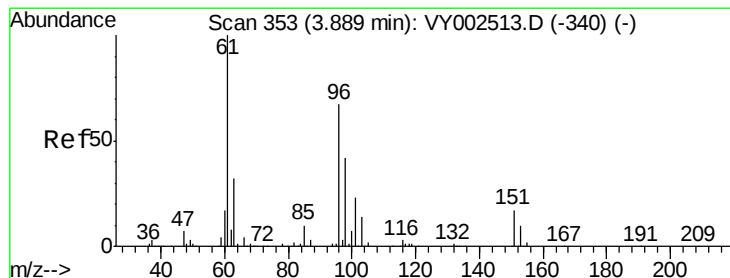
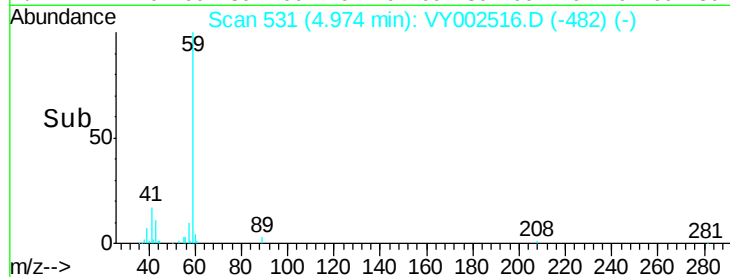
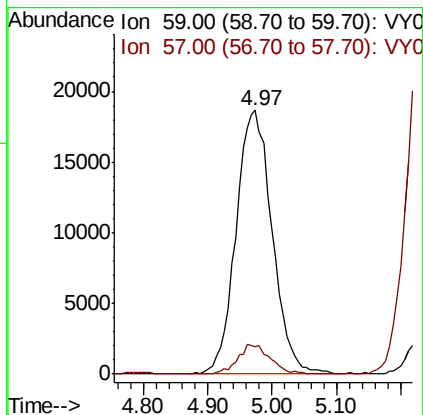
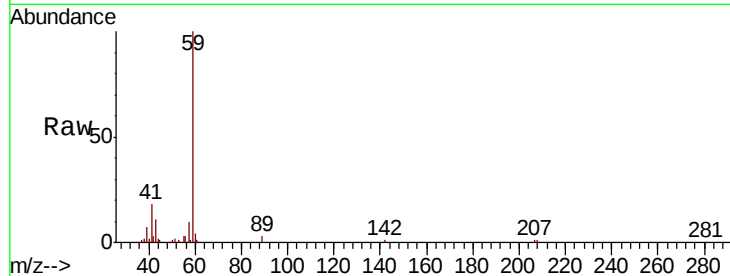


#11

Tert butyl alcohol
 Concen: 225.103 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :

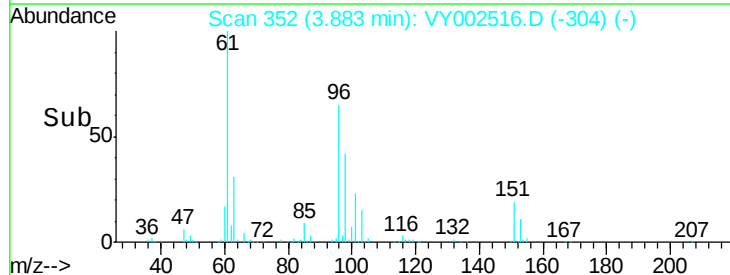
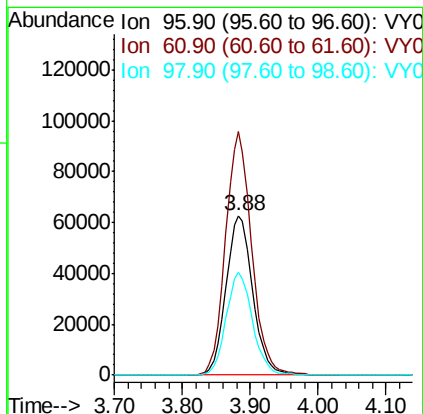
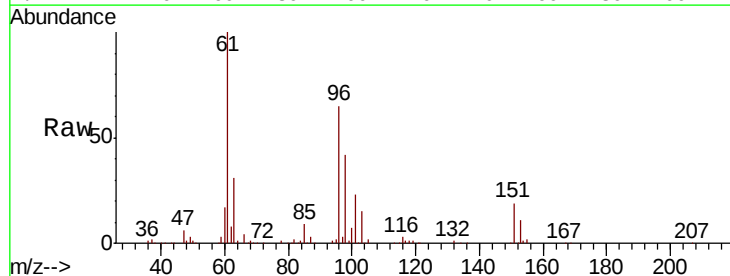
Tot Ion: 59 Resp: 72190
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

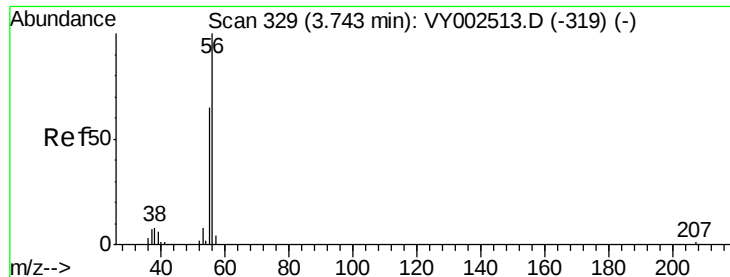


#12

1,1-Dichloroethene
 Concen: 53.430 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion: 96 Resp: 170515
 Ion Ratio Lower Upper
 96 100
 61 152.9 118.8 178.2
 98 64.6 49.6 74.4





#13

Acrolein

Concen: 286.549 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

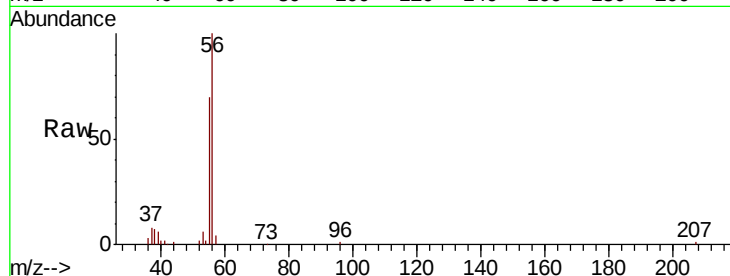
ClientSampled :

Tot Ion: 56 Resp: 63546

Ion Ratio Lower Upper

56 100

55 71.0 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

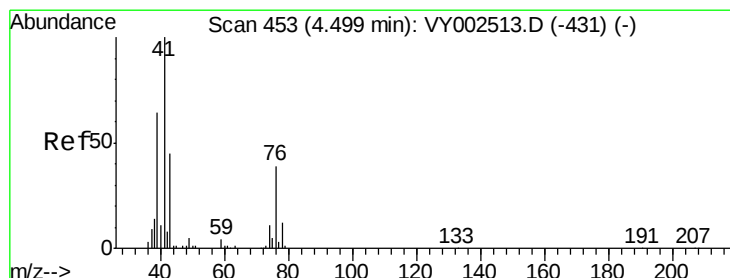
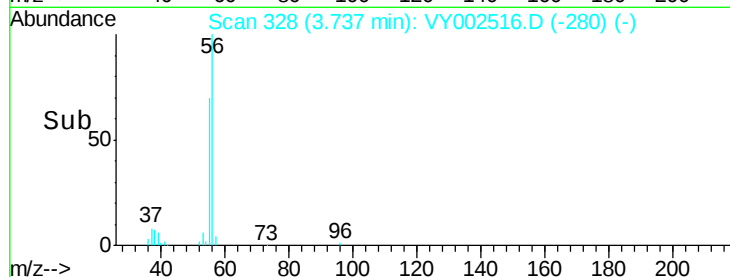
10000

5000

0

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 53.472 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

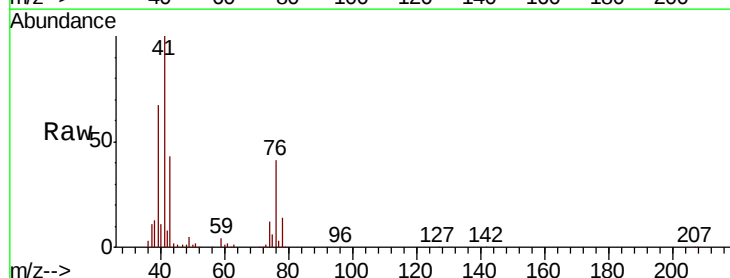
Tgt Ion: 41 Resp: 248639

Ion Ratio Lower Upper

41 100

39 65.6 51.8 77.6

76 40.1 31.7 47.5



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

150000

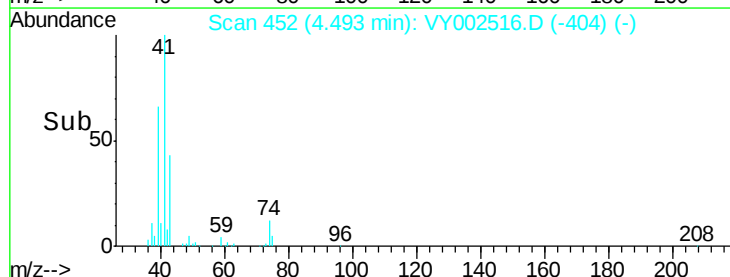
100000

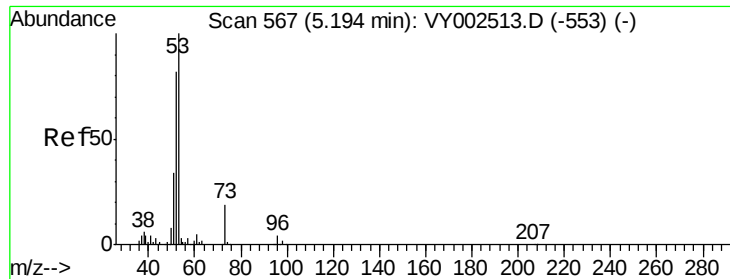
50000

0

4.40 4.49 4.60

Time-->





#15

Acrylonitrile

Concen: 255.074 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

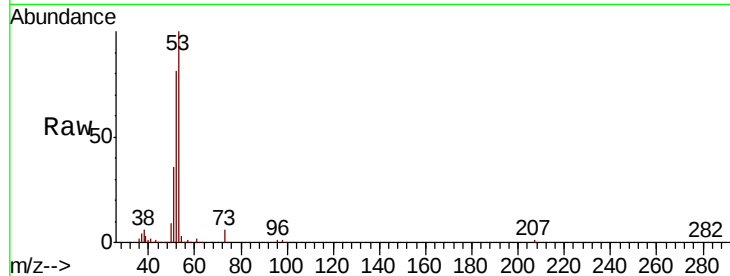
Tot Ion: 53 Resp: 217278

Ion Ratio Lower Upper

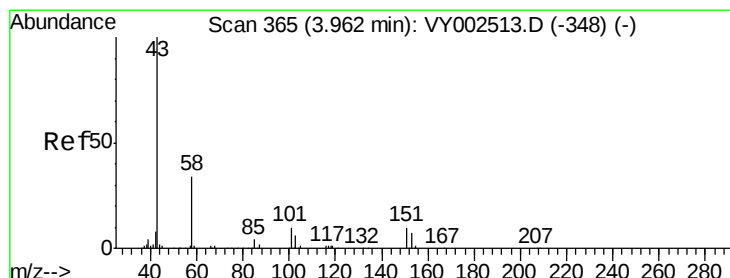
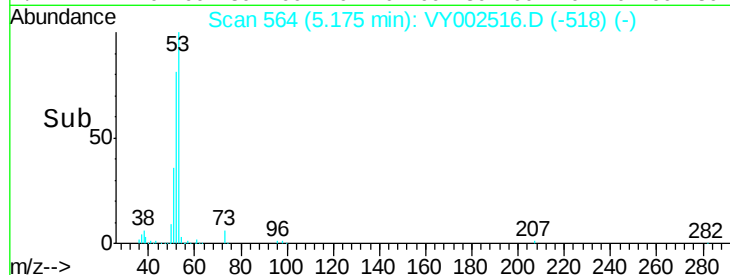
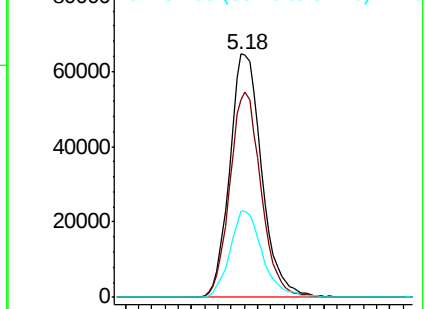
53 100

52 82.1 65.4 98.0

51 36.1 28.7 43.1



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: 254.059 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002516.D

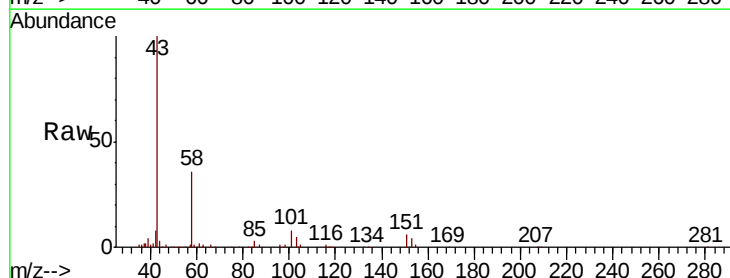
Acq: 30 Apr 2020 16:48

Tgt Ion: 43 Resp: 163437

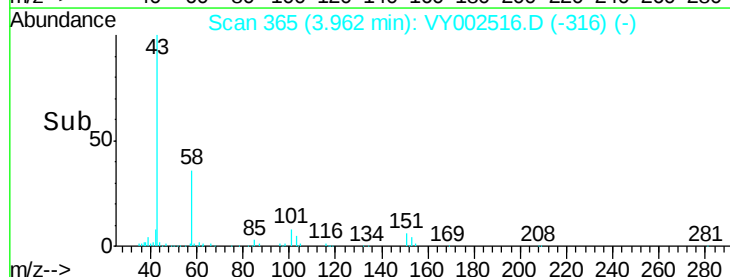
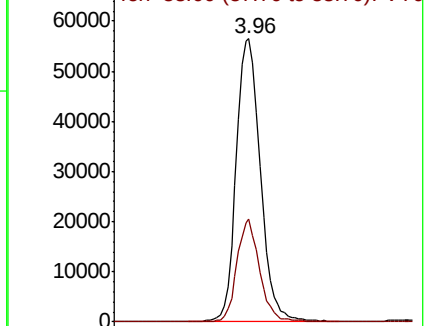
Ion Ratio Lower Upper

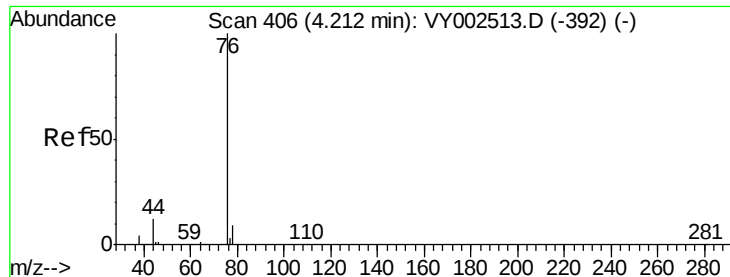
43 100

58 36.2 26.9 40.3



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

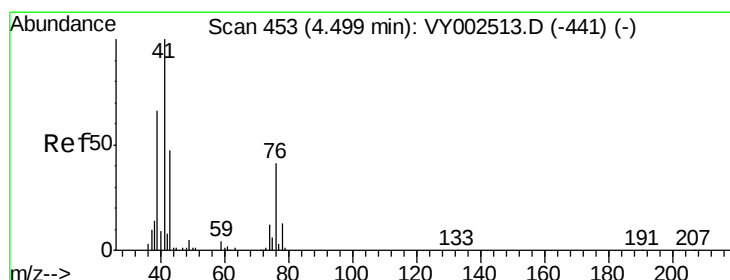
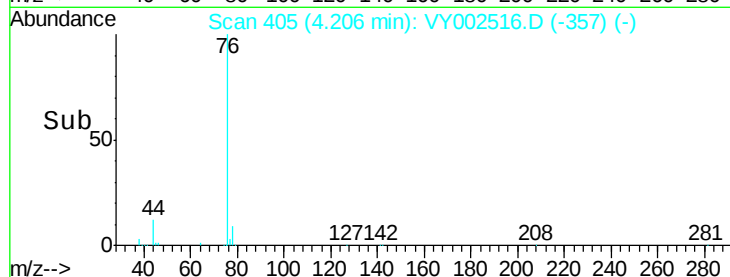
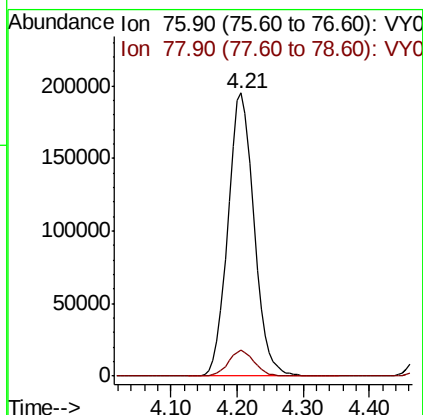
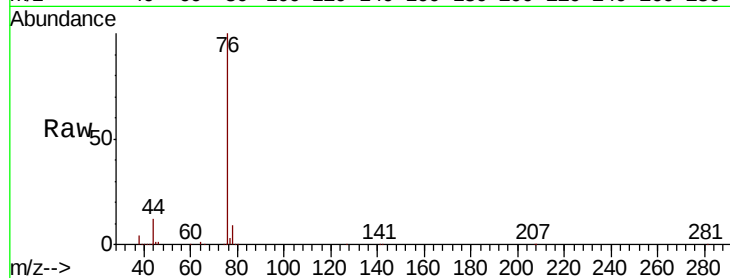




#17
Carbon Disulfide
Concen: 55.746 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

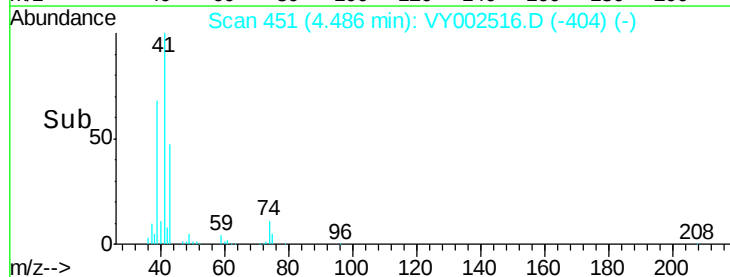
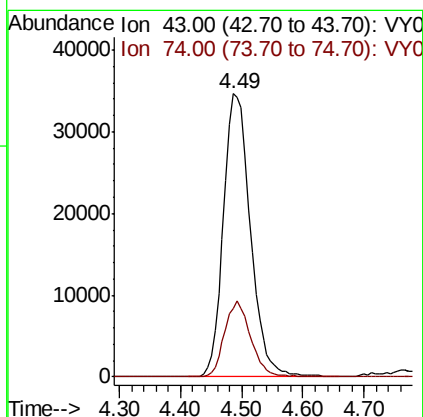
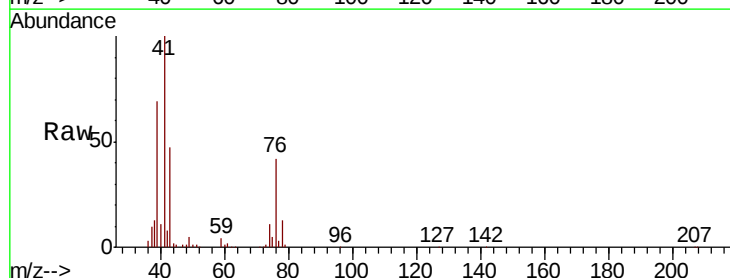
Instrument :
MSVOA_Y
ClientSampleId :

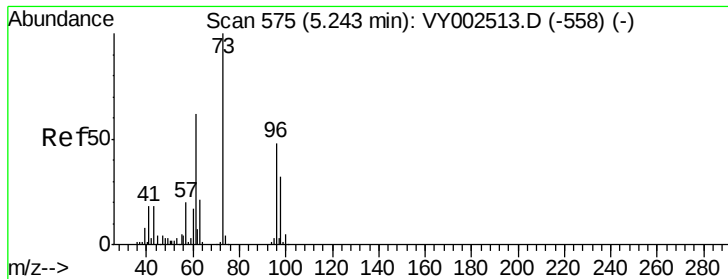
Tot Ion: 76 Resp: 535214
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 49.238 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 43 Resp: 105834
Ion Ratio Lower Upper
43 100
74 25.8 21.2 31.8

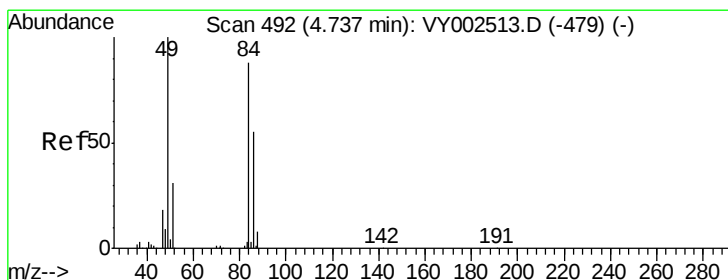
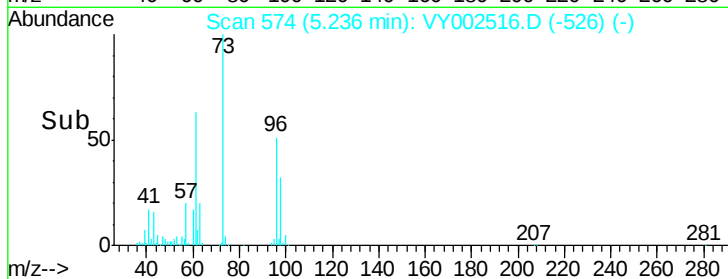
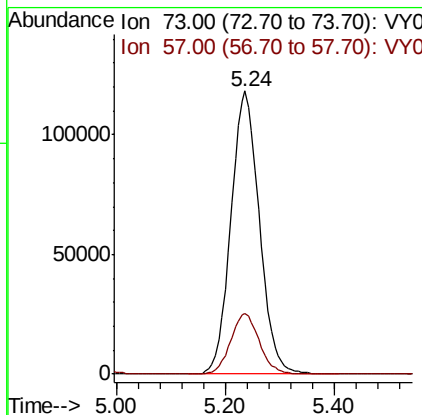
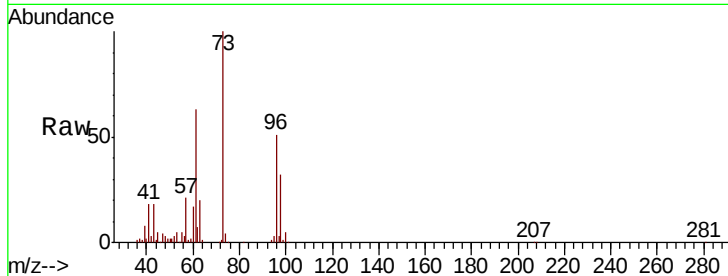




#19
Methvl tert-butvl Ether
Concen: 51.788 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

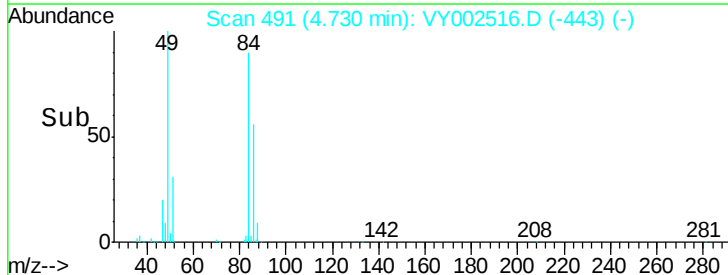
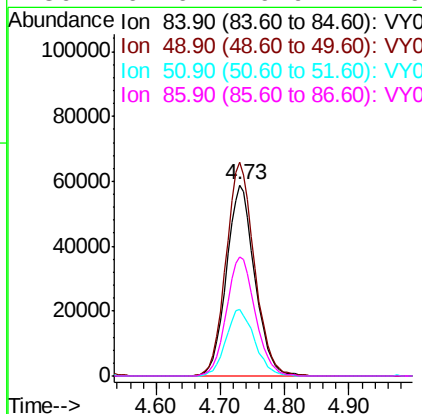
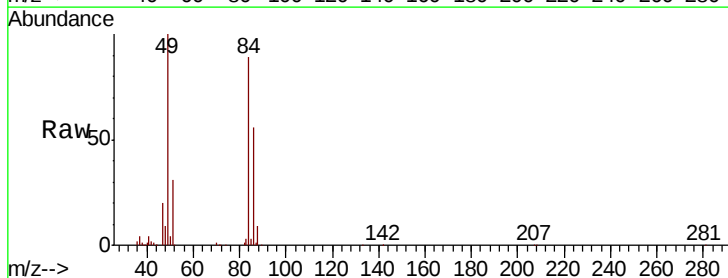
Instrument :
MSVOA_Y
ClientSampled :

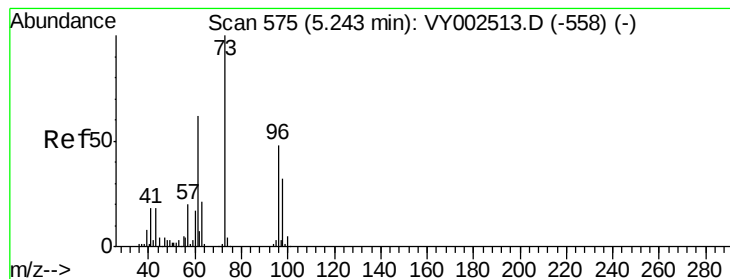
Tot Ion: 73 Resp: 431198
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5



#20
Methylene Chloride
Concen: 50.382 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 84 Resp: 181244
Ion Ratio Lower Upper
84 100
49 111.9 90.5 135.7
51 34.7 28.3 42.5
86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.683 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

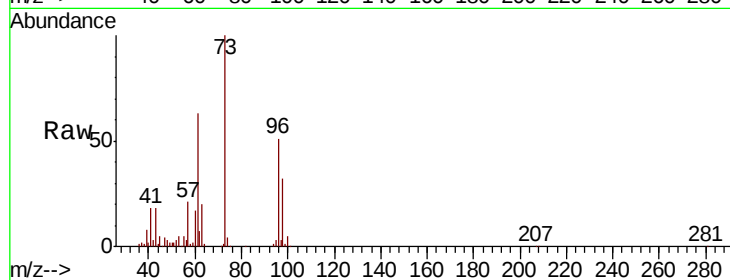
Tot Ion: 96 Resp: 187254

Ion Ratio Lower Upper

96 100

61 122.6 102.0 153.0

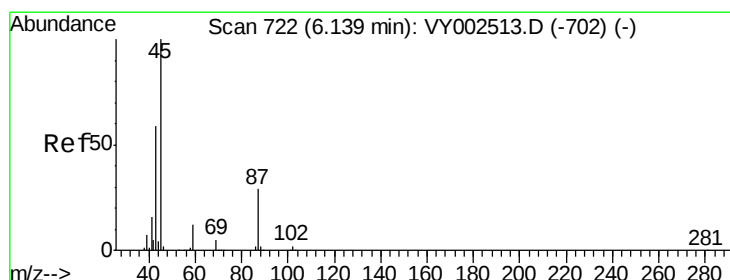
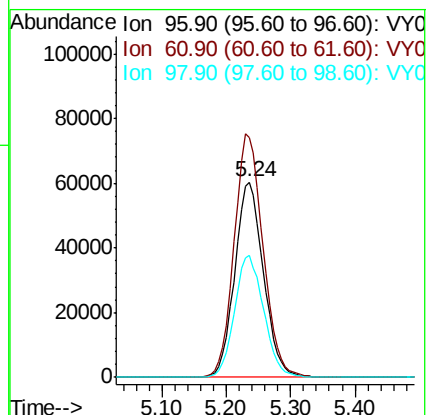
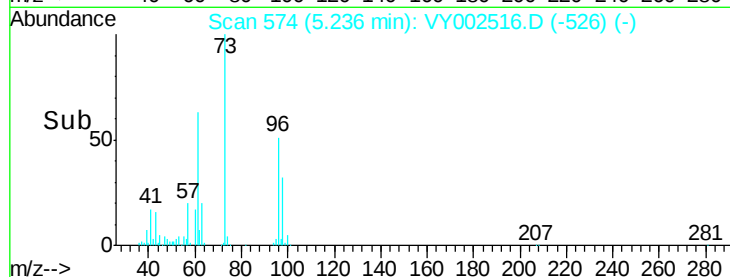
98 62.6 53.0 79.4



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: 52.792 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion: 45 Resp: 496693

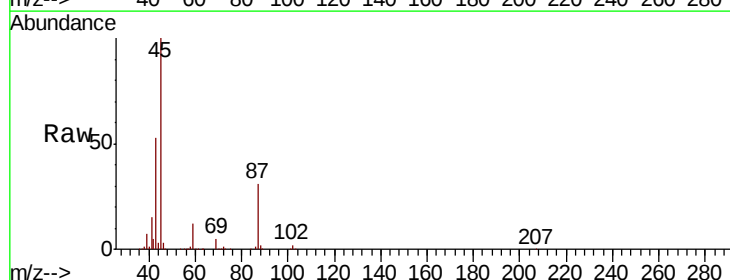
Ion Ratio Lower Upper

45 100

43 52.7 47.4 71.0

87 30.9 24.0 36.0

59 12.2 9.8 14.8

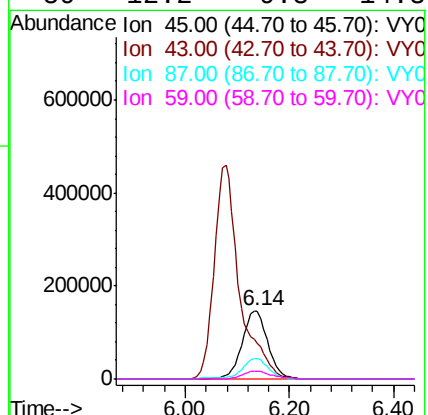
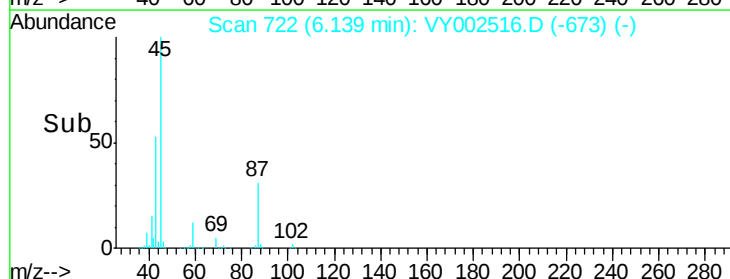


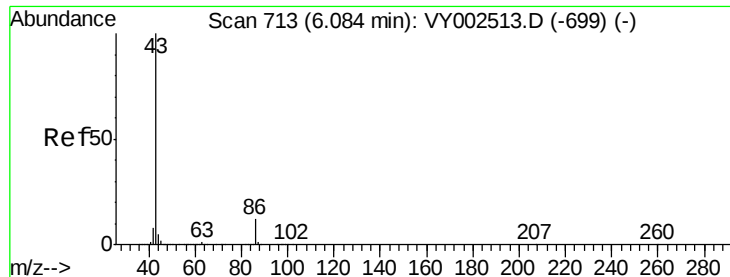
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 265.022 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

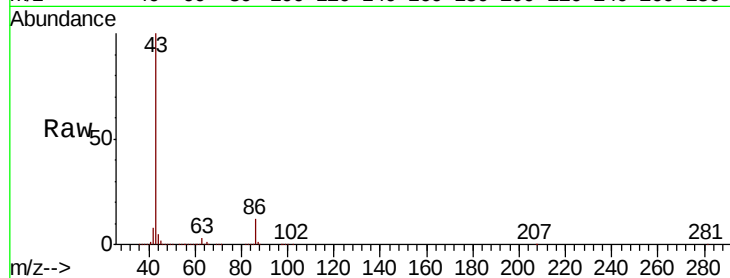
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1568123

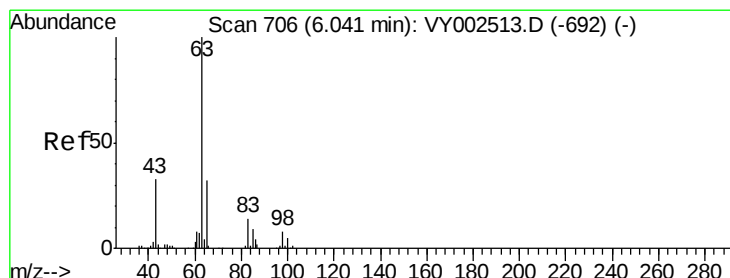
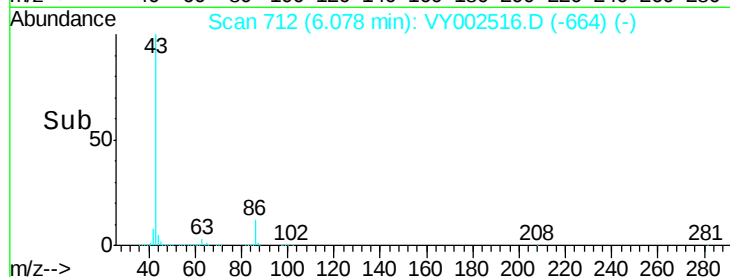
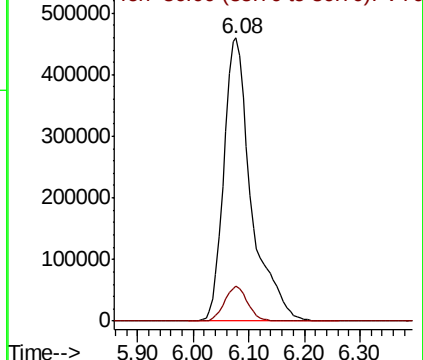
Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.924 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

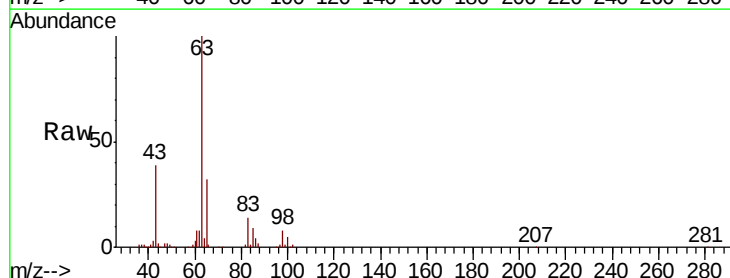
Tgt Ion: 63 Resp: 294574

Ion Ratio Lower Upper

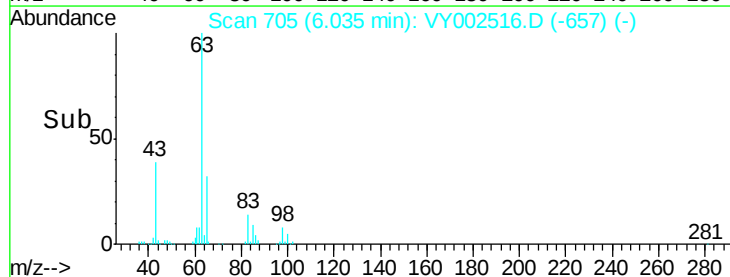
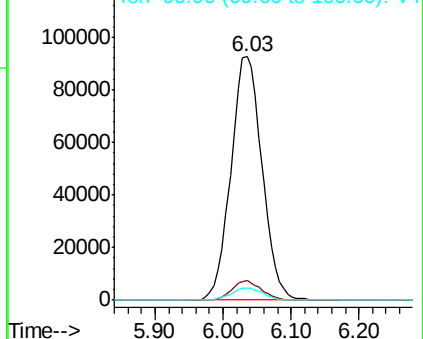
63 100

98 7.9 3.9 11.7

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

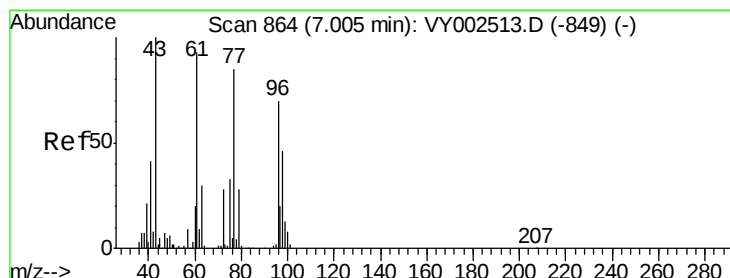
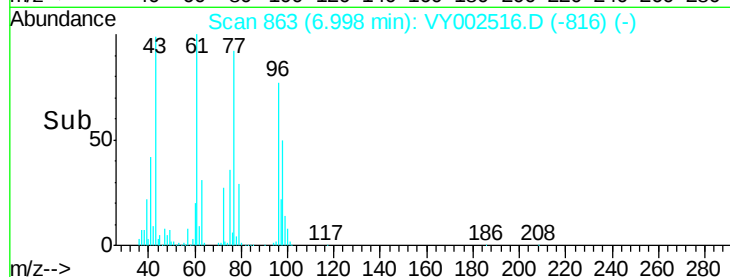
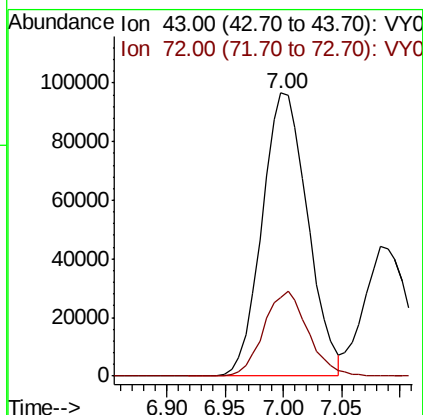
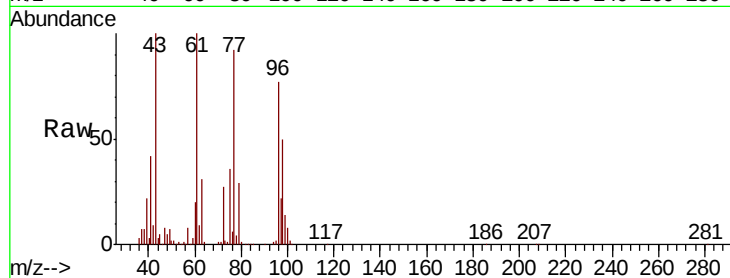




#25
2-Butanone
Concen: 249.319 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

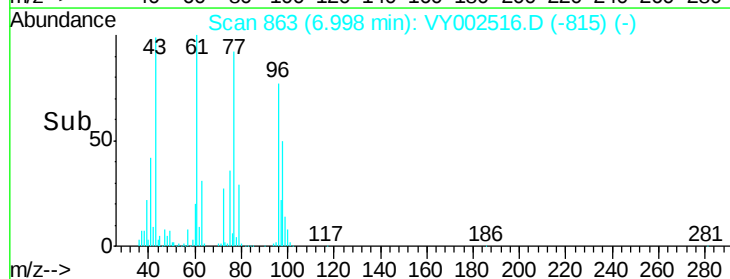
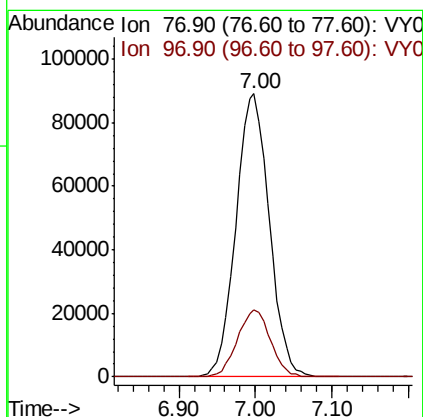
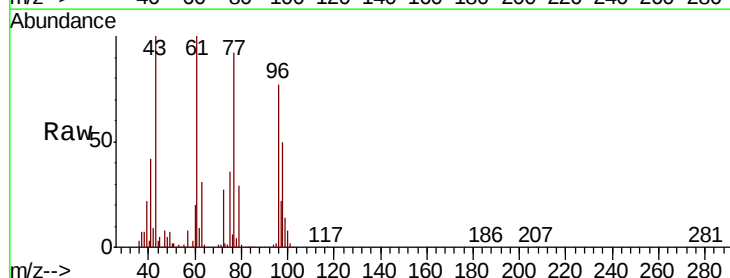
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 262545
Ion Ratio Lower Upper
43 100
72 27.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 50.943 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 77 Resp: 269524
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5



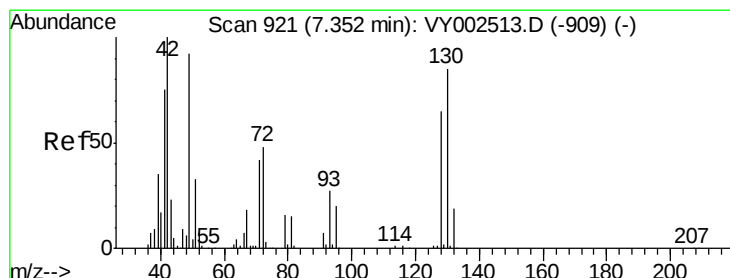
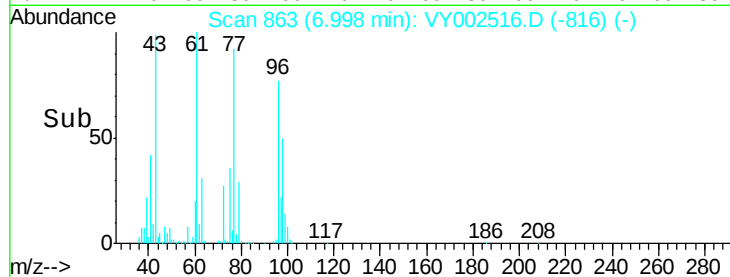
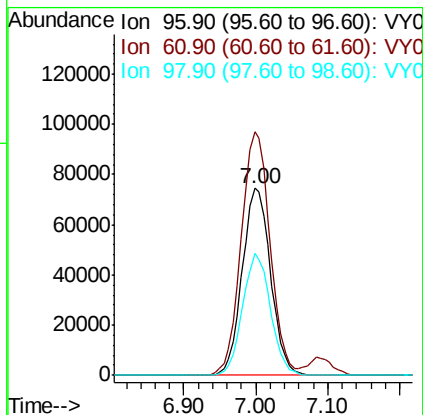
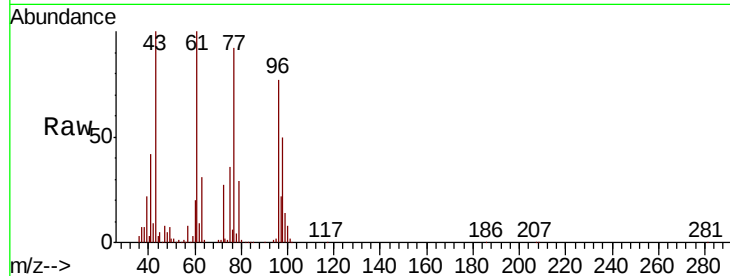


#27

cis-1,2-Dichloroethene
 Concen: 52.867 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampled :

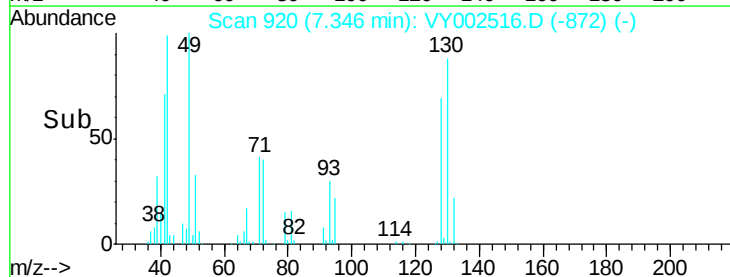
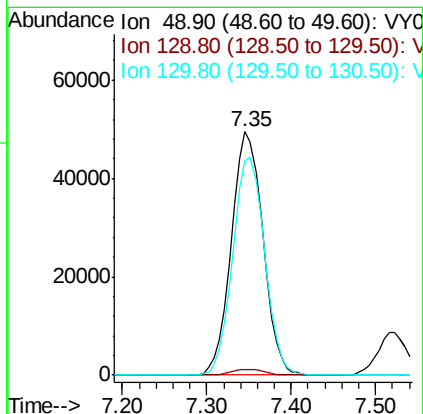
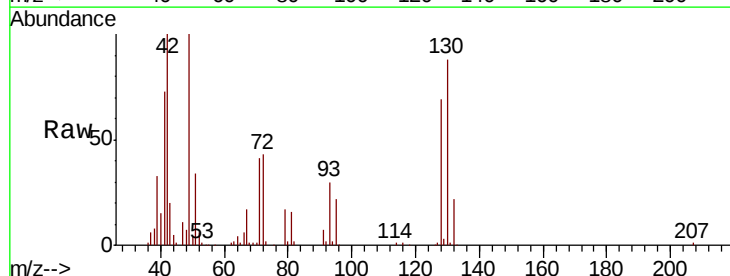
Tot Ion	96	Resp	204044
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	266.6
98	63.9	0.0	129.2

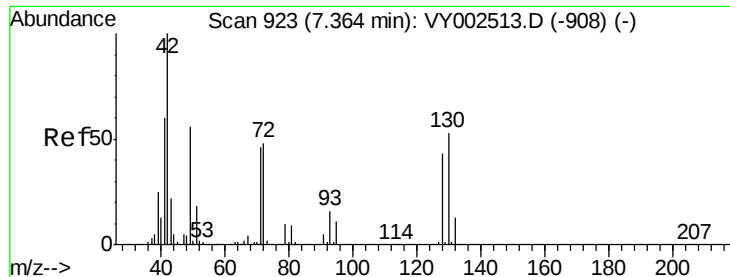


#28

Bromochloromethane
 Concen: 55.096 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	49	Resp	125648
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	90.4	72.5	108.7

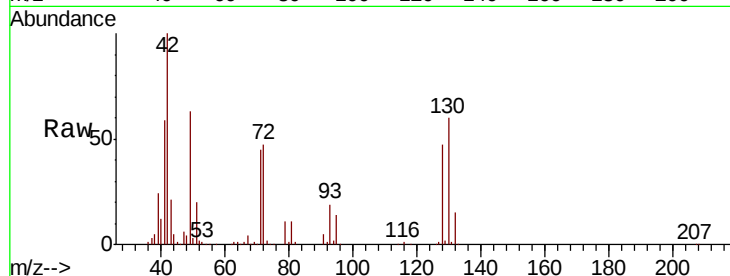




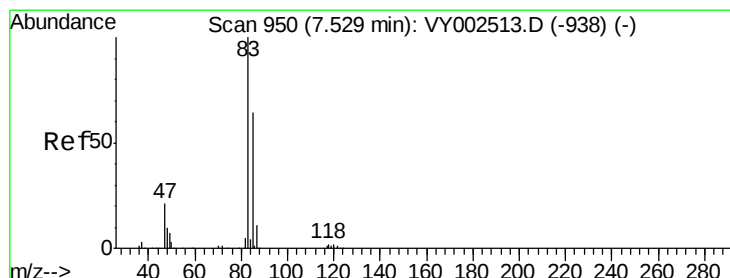
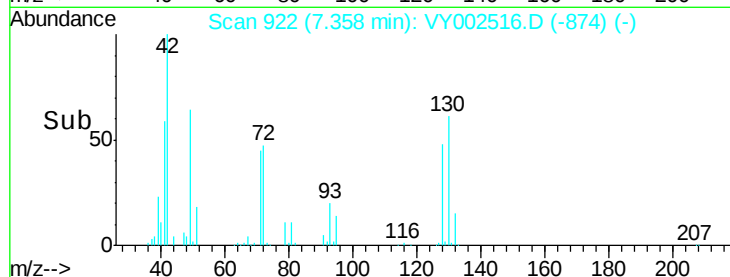
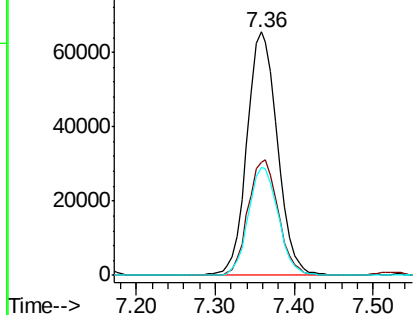
#29
Tetrahydrofuran
Concen: 253.053 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 176306
Ion Ratio Lower Upper
42 100
72 47.1 37.4 56.2
71 43.5 35.0 52.4

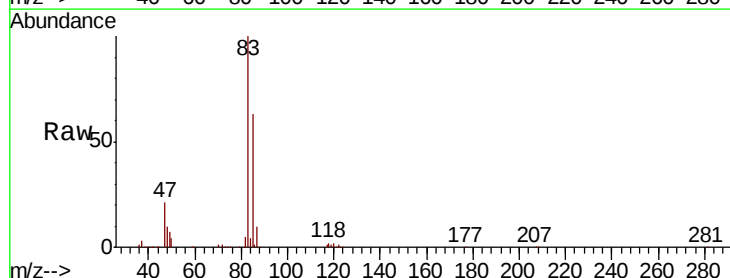


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

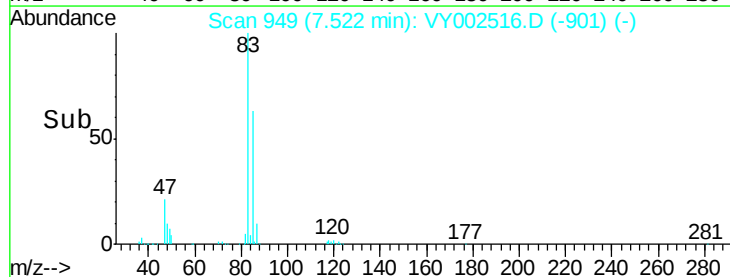
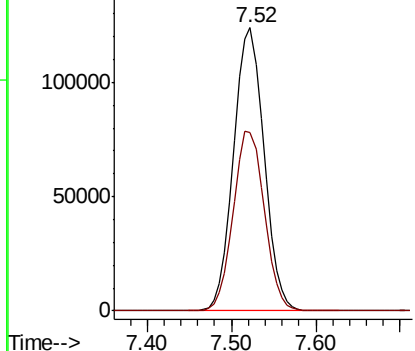


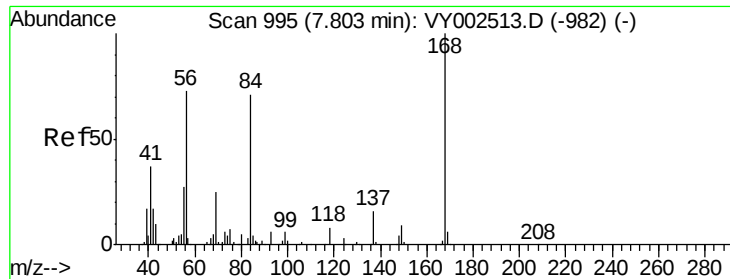
#30
Chloroform
Concen: 52.318 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 83 Resp: 302787
Ion Ratio Lower Upper
83 100
85 62.9 51.5 77.3



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

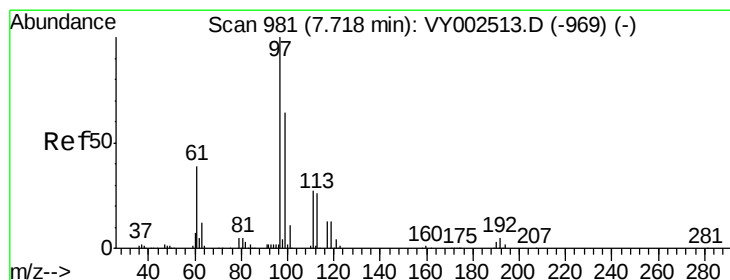
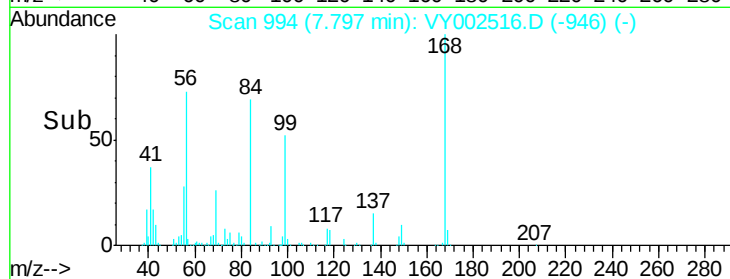
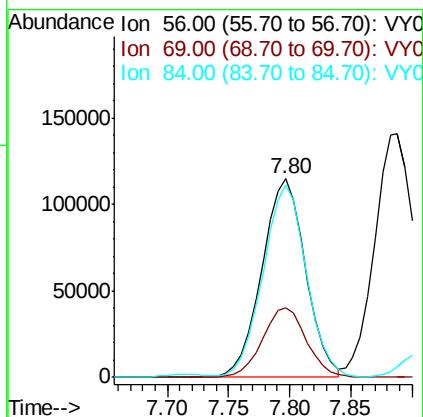
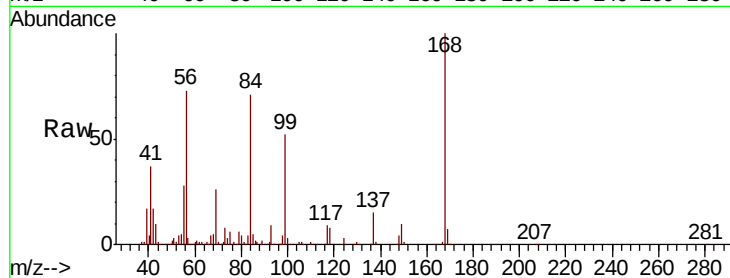




#31
Cyclohexane
Concen: 50.985 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

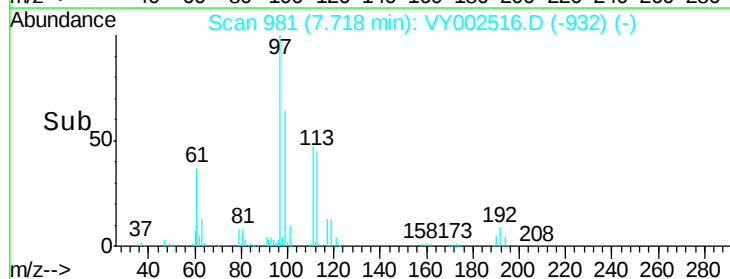
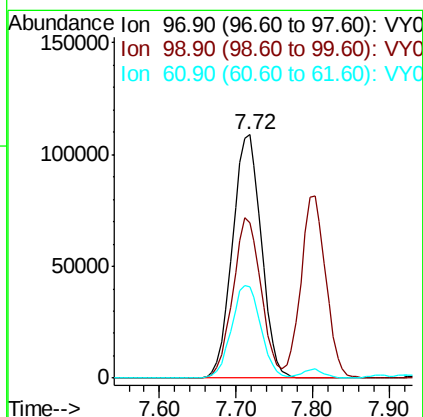
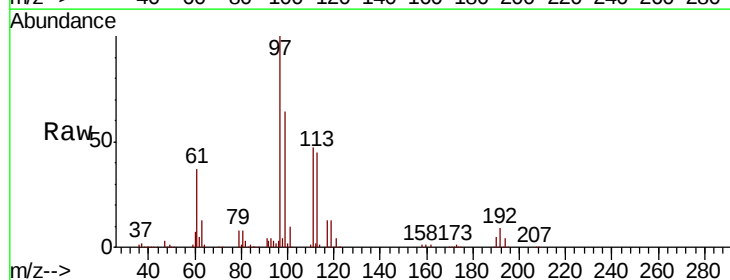
Instrument :
MSVOA_Y
ClientSampleId :

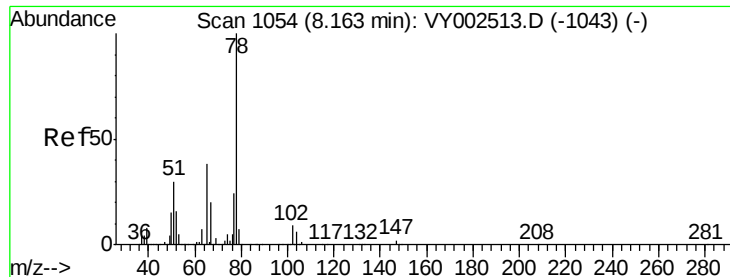
Tot Ion: 56 Resp: 285652
Ion Ratio Lower Upper
56 100
69 34.9 27.6 41.4
84 95.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.880 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.00 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 97 Resp: 284456
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 38.6 31.0 46.6





#33

1,2-Dichloroethane-d4

Concen: 54.345 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

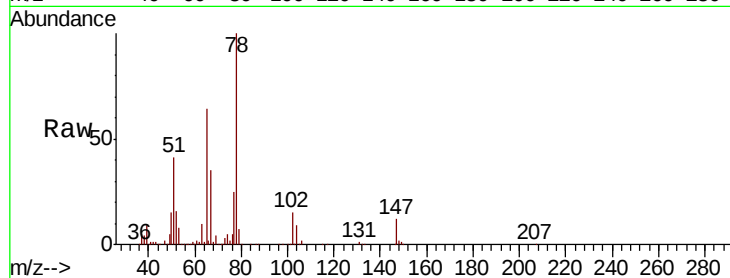
ClientSampleId :

Tot Ion: 65 Resp: 169400

Ion Ratio Lower Upper

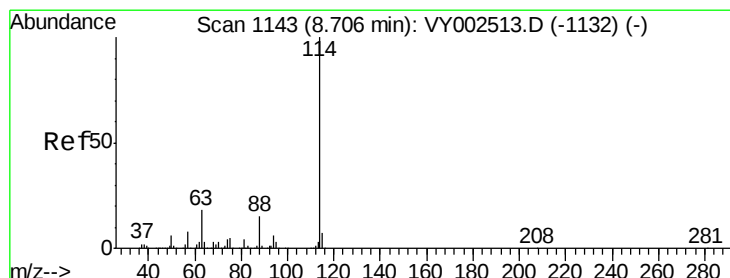
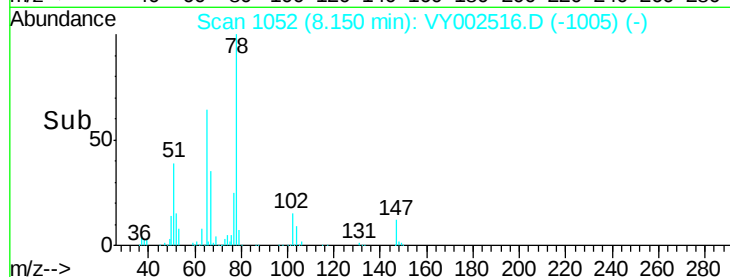
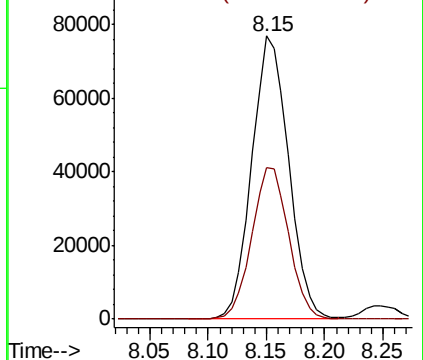
65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

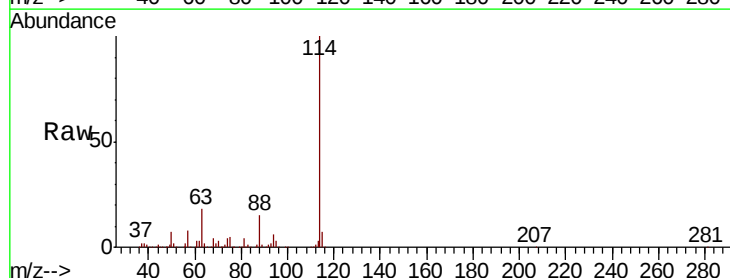
Tgt Ion:114 Resp: 545344

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

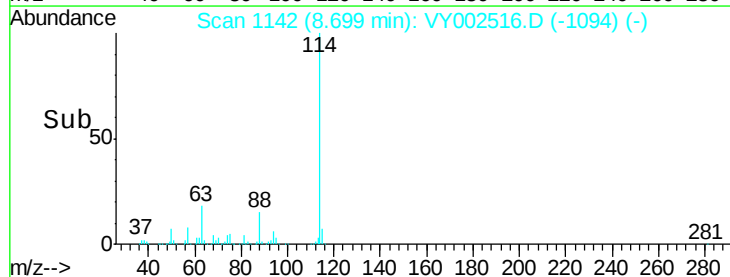
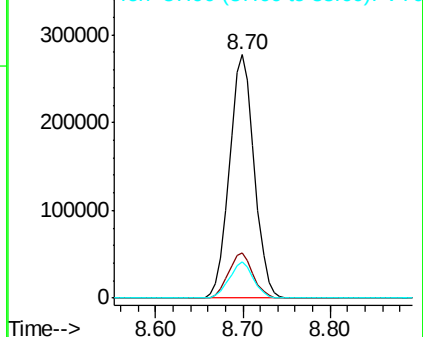
88 14.8 0.0 29.6

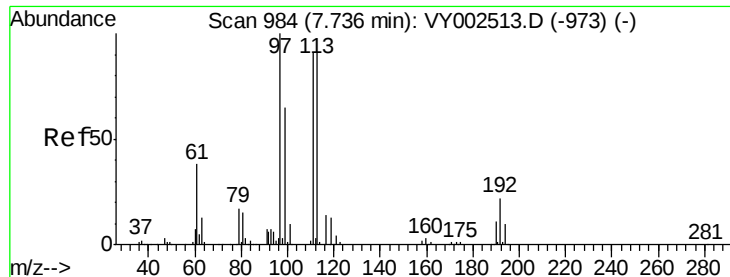


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

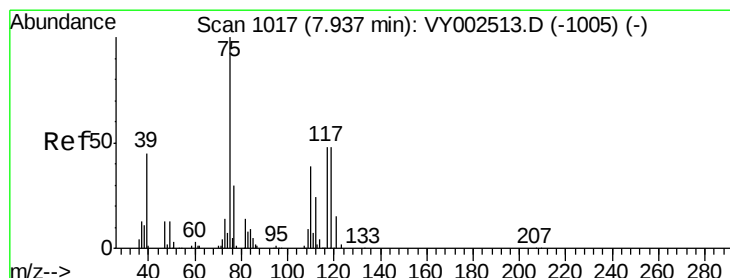
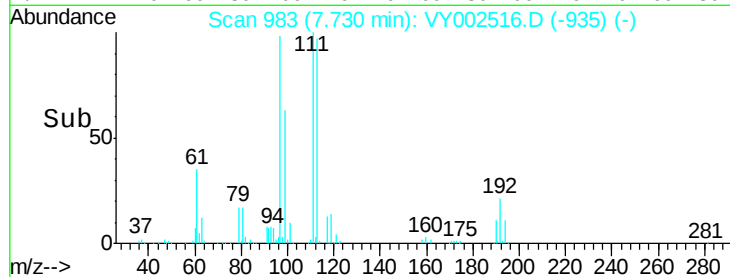
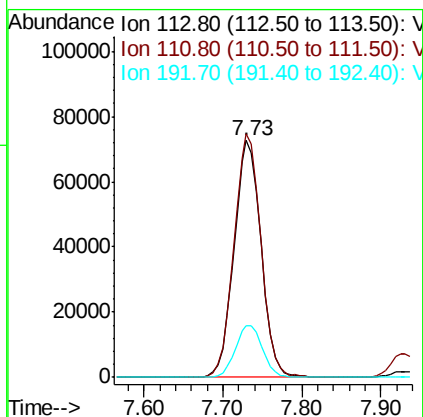
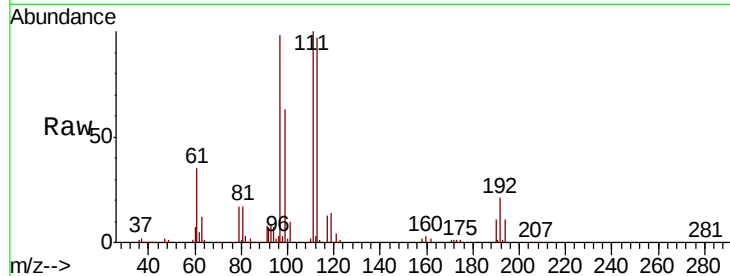




#35
 Dibromofluoromethane
 Concen: 55.325 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

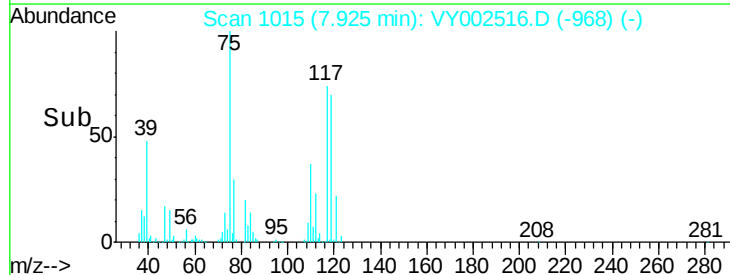
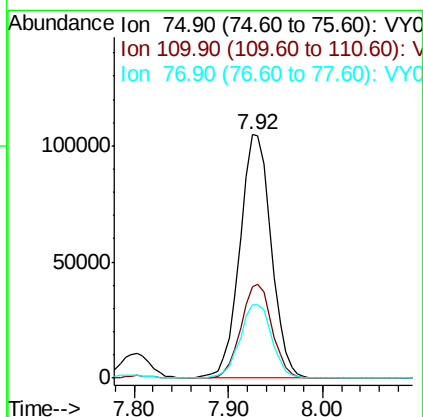
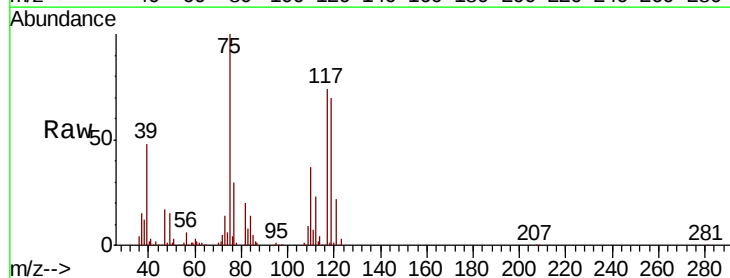
Instrument :
 MSVOA_Y
 ClientSampleId :

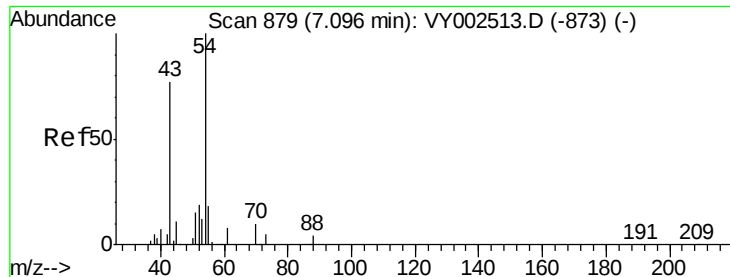
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	22.1	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 53.536 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	30.8	24.6	37.0

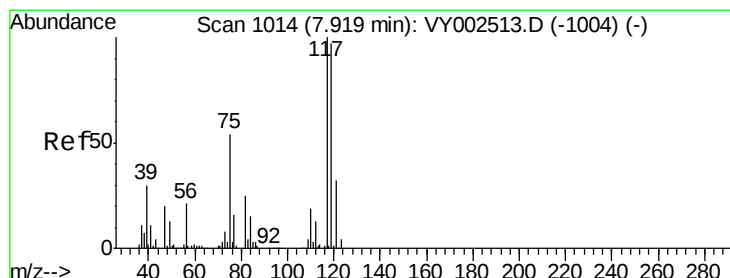
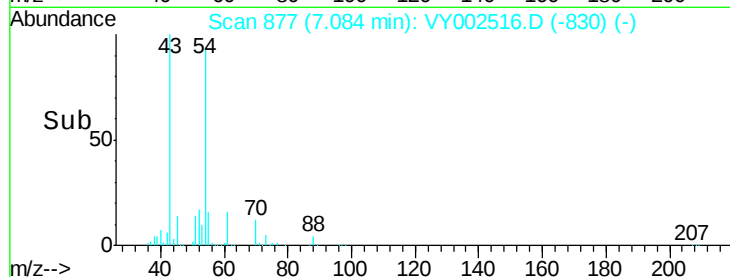
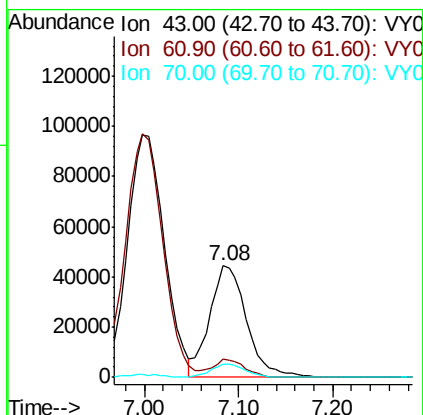
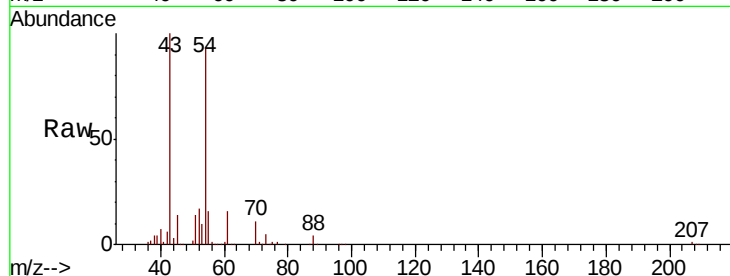




#37
Ethyl Acetate
Concen: 50.953 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

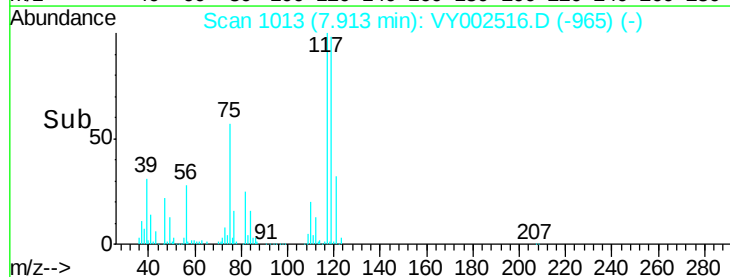
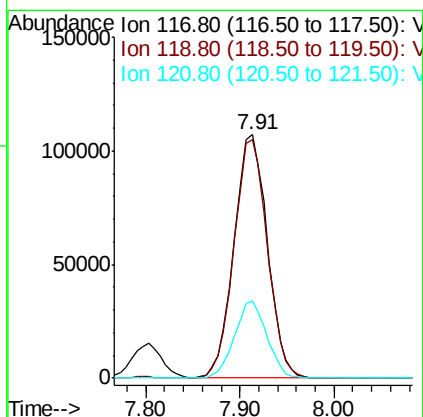
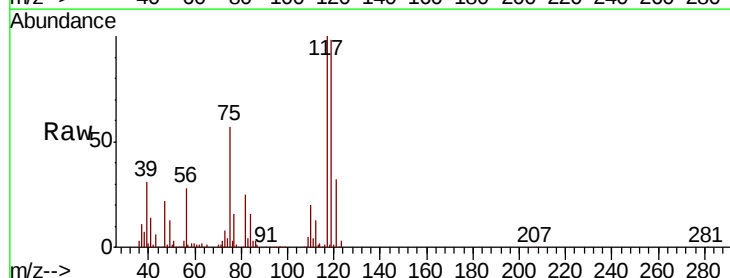
Instrument :
MSVOA_Y
ClientSampleID :

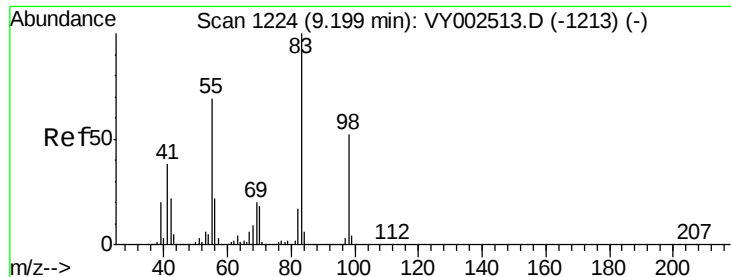
Tot Ion: 43 Resp: 119702
Ion Ratio Lower Upper
43 100
61 14.3 11.6 17.4
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 53.036 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 117 Resp: 264713
Ion Ratio Lower Upper
117 100
119 98.0 77.1 115.7
121 31.5 25.2 37.8

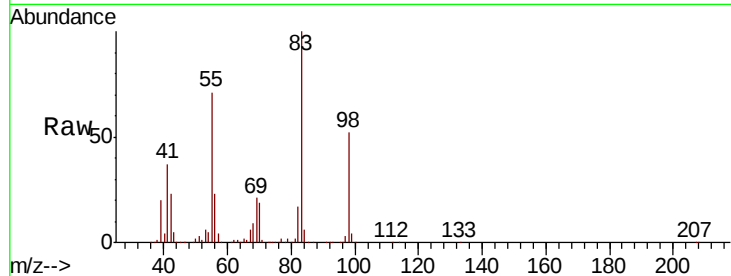




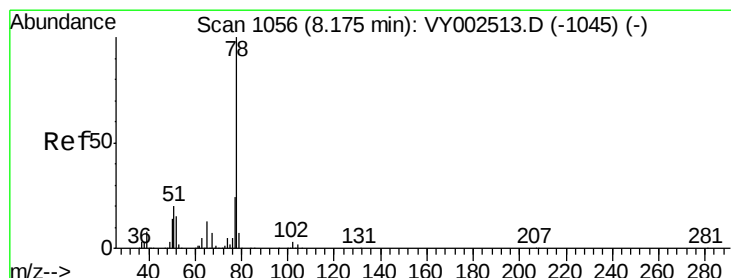
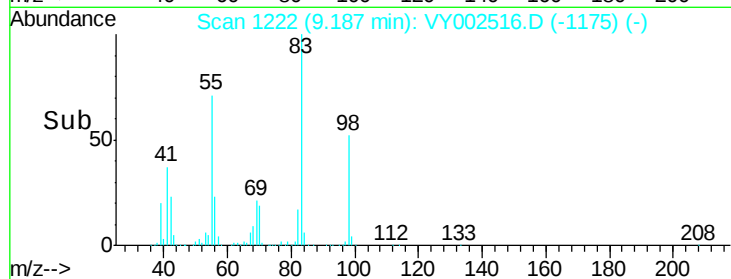
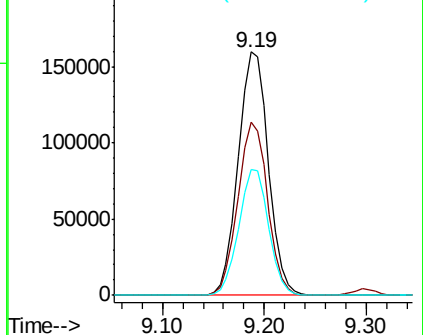
#39
Methvlcvclohexane
Concen: 54.209 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 327327
Ion Ratio Lower Upper
83 100
55 71.1 55.4 83.0
98 51.7 41.3 61.9

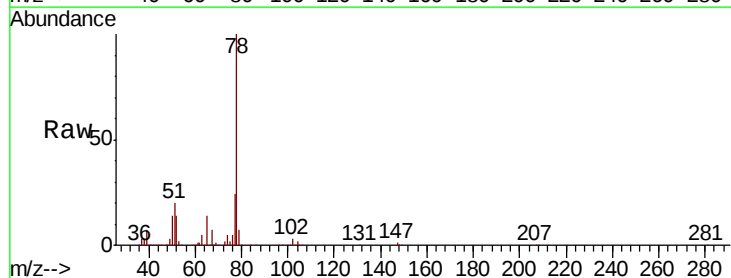


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

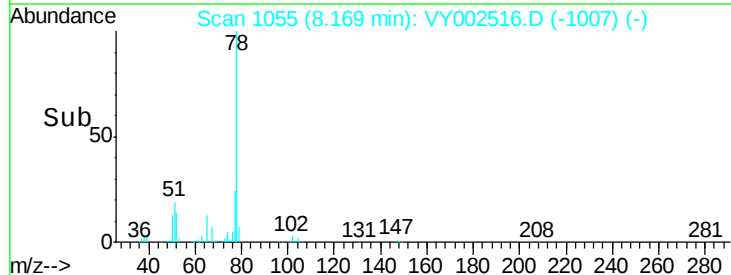
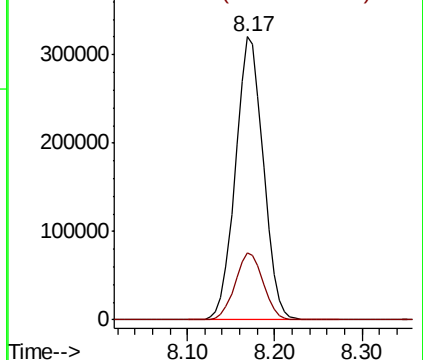


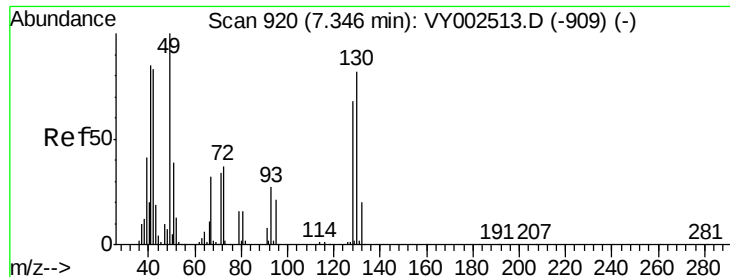
#40
Benzene
Concen: 53.602 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 78 Resp: 707752
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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

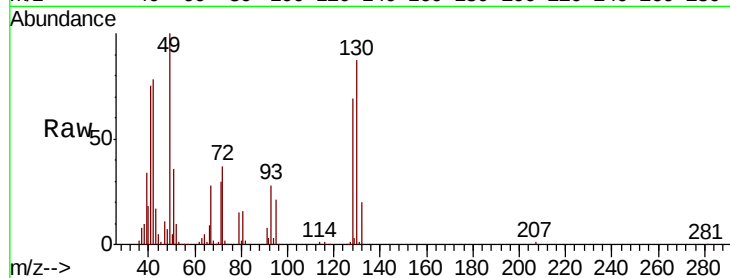




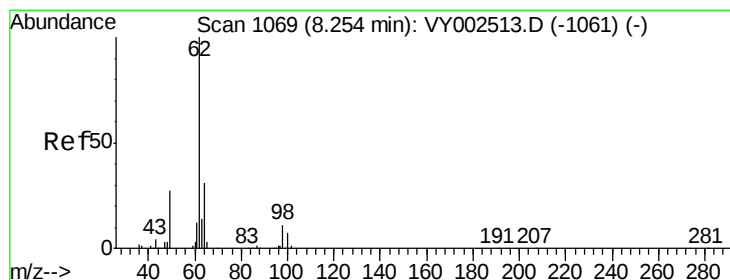
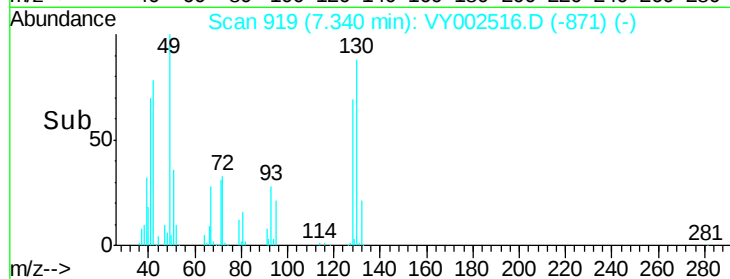
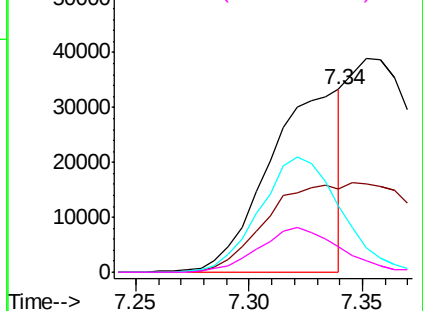
#41
Methacrylonitrile
Concen: 58.853 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	74339
Ion	Ratio	Lower	Upper
41	100		
39	99.1	83.1	124.7
67	0.0	0.0	0.0
52	0.0	0.0	0.0

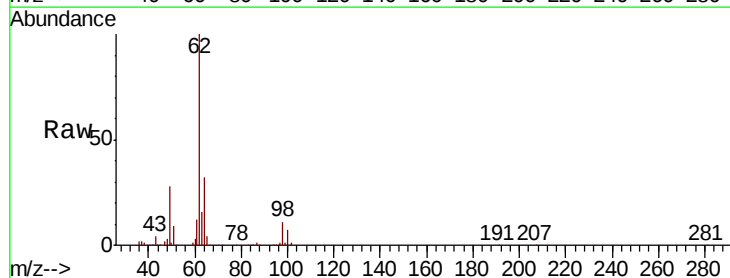


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

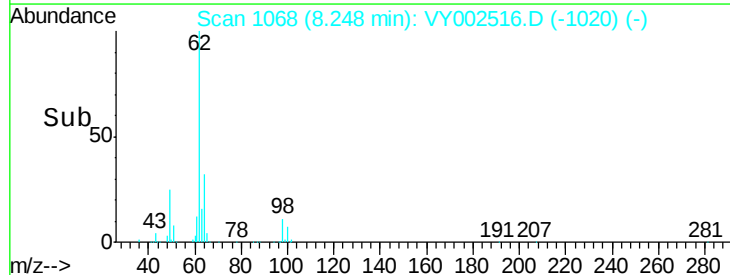
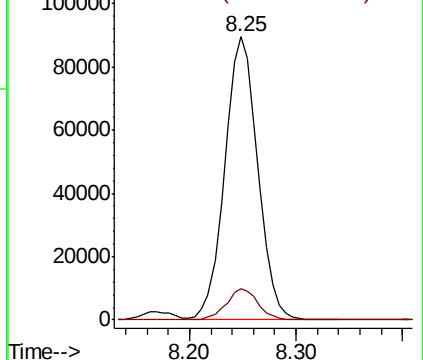


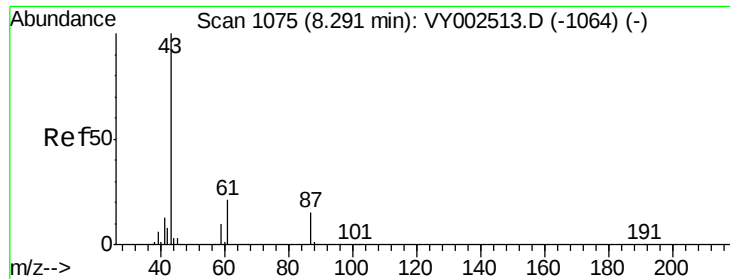
#42
1,2-Dichloroethane
Concen: 52.244 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion:	62	Resp:	193497
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 51.597 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

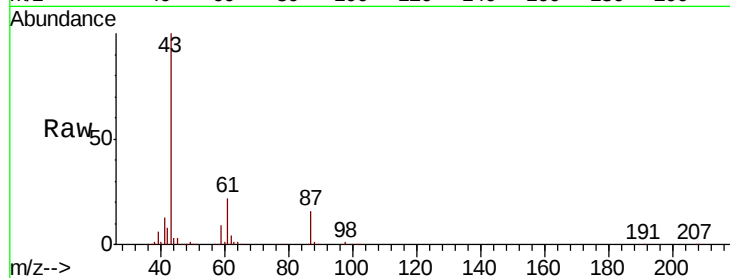
Tot Ion: 43 Resp: 227244

Ion Ratio Lower Upper

43 100

61 31.1 24.8 37.2

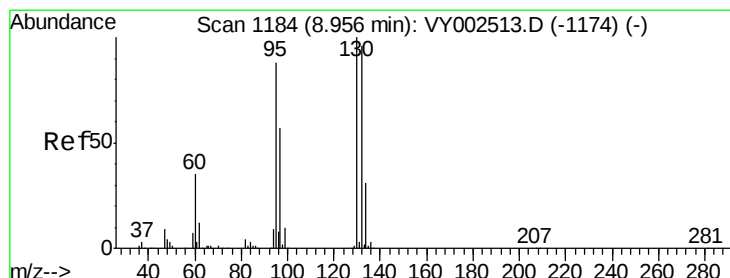
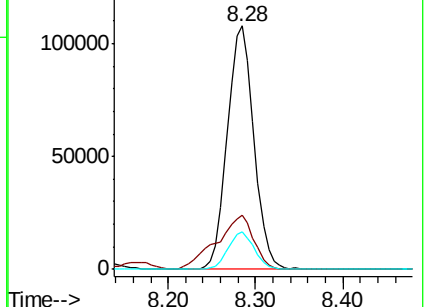
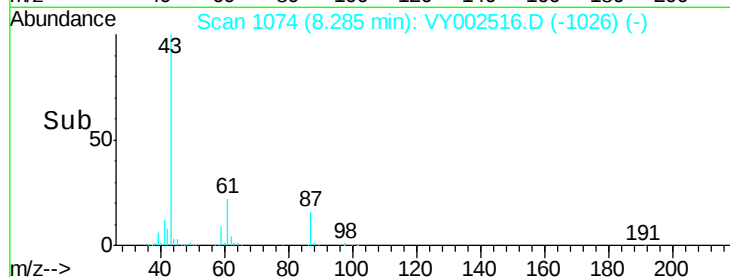
87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002516.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002516.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002516.D (-1026) (-)



#44

Trichloroethene

Concen: 52.949 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002516.D

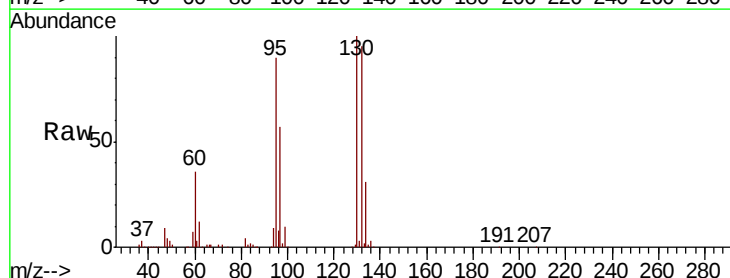
Acq: 30 Apr 2020 16:48

Tgt Ion:130 Resp: 218489

Ion Ratio Lower Upper

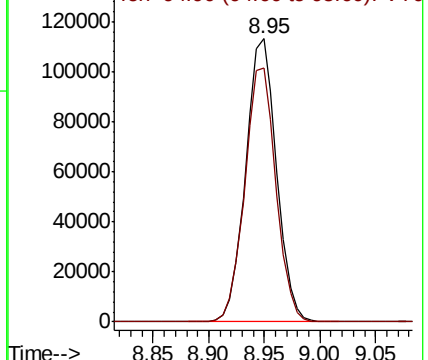
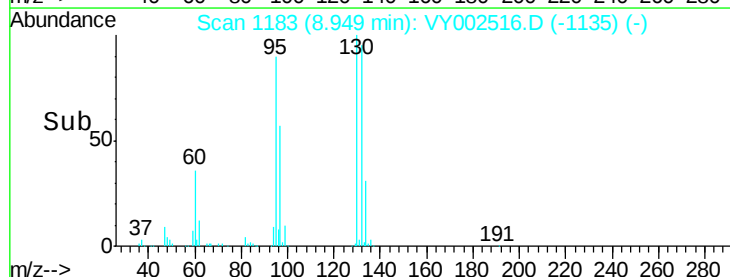
130 100

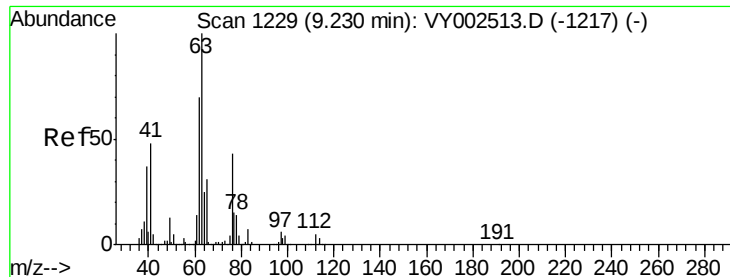
95 89.6 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002516.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002516.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 52.686 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

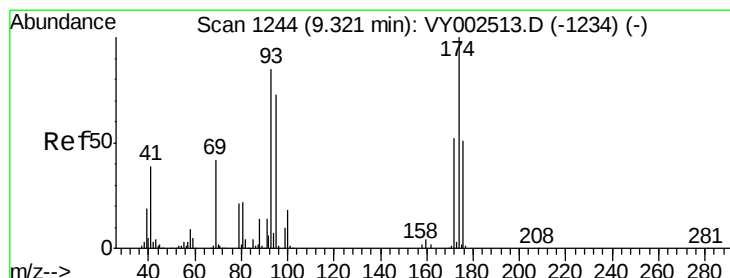
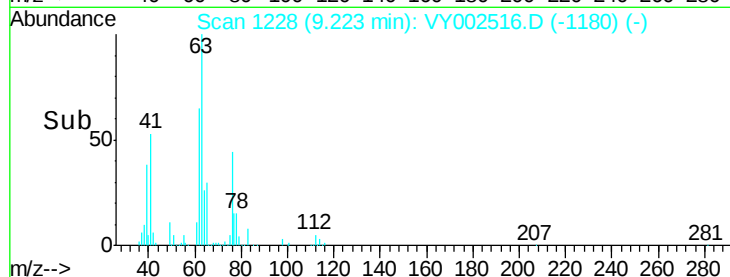
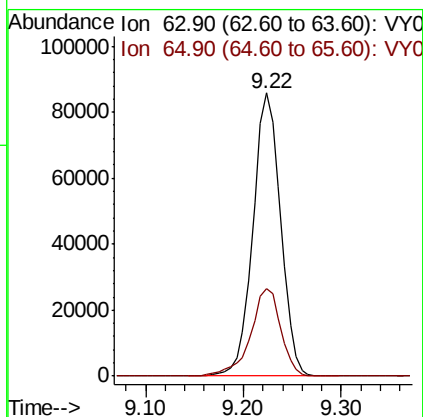
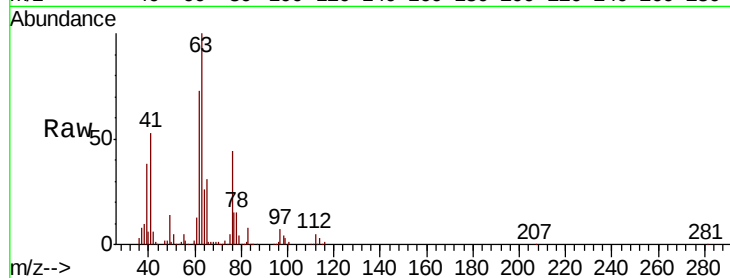
ClientSampleId :

Tot Ion: 63 Resp: 167896

Ion Ratio Lower Upper

63 100

65 31.1 24.5 36.7



#46

Dibromomethane

Concen: 51.744 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

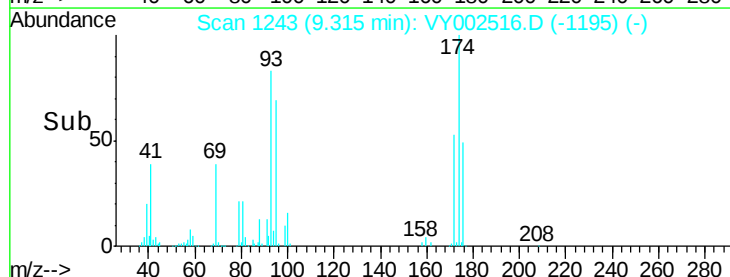
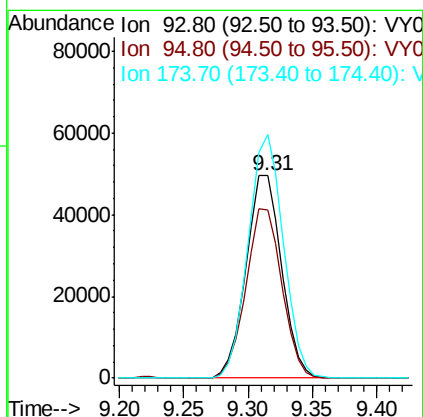
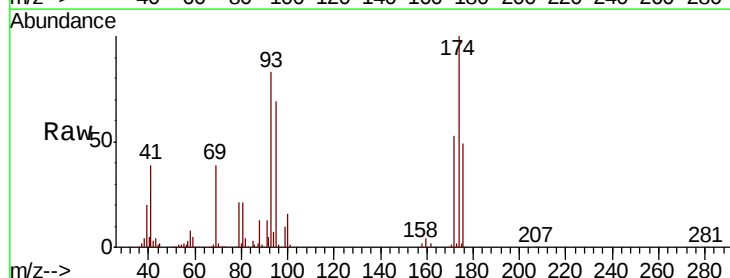
Tgt Ion: 93 Resp: 94873

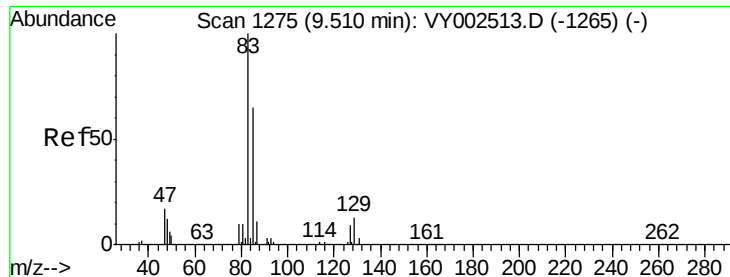
Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.4

174 118.5 92.7 139.1





#47

Bromodichloromethane

Concen: 53.036 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

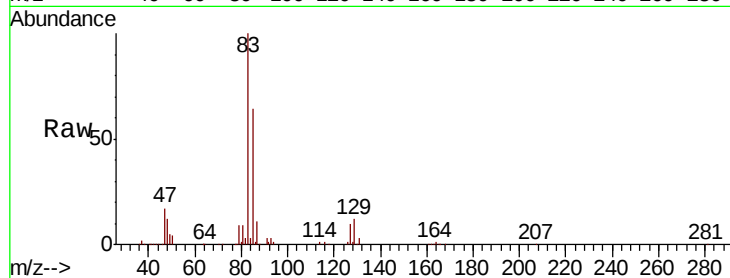
Tot Ion: 83 Resp: 236448

Ion Ratio Lower Upper

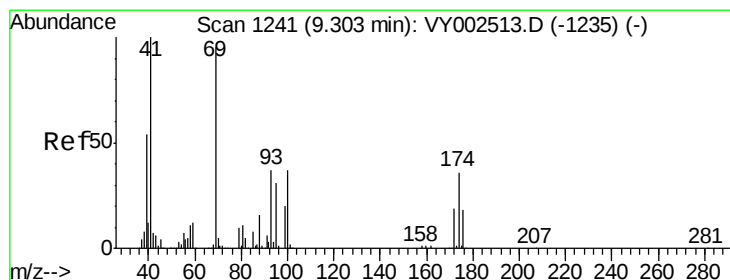
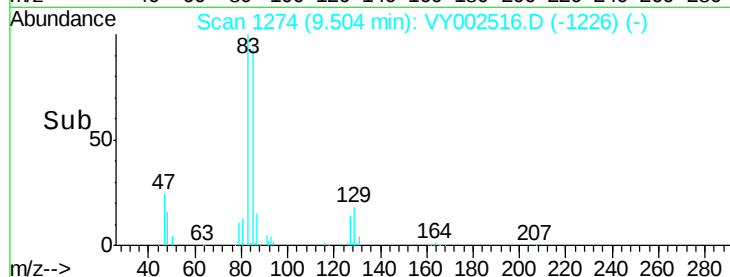
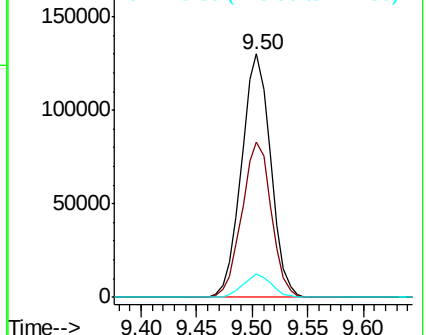
83 100

85 63.8 51.8 77.8

127 9.8 7.4 11.0



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



#48

Methyl methacrylate

Concen: 51.777 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

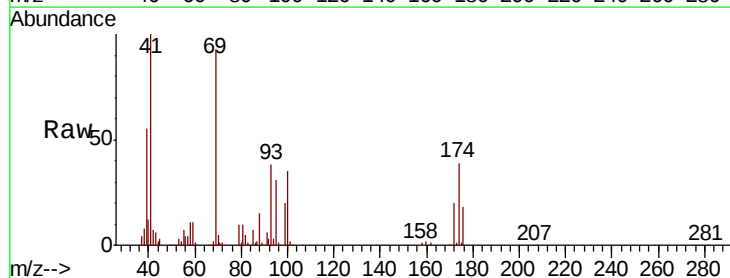
Tgt Ion: 41 Resp: 103202

Ion Ratio Lower Upper

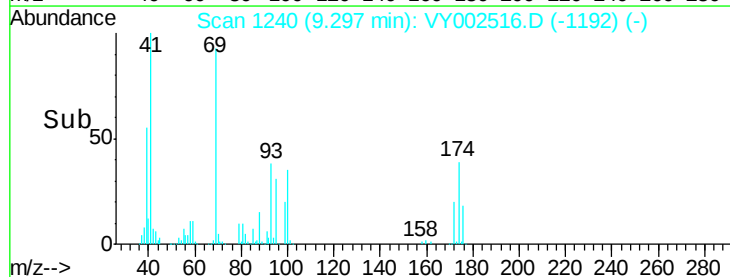
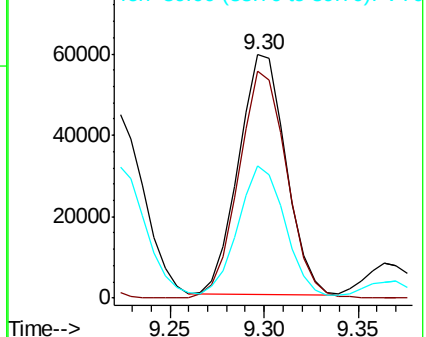
41 100

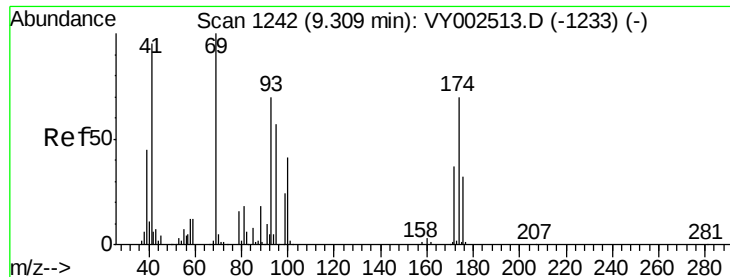
69 96.0 76.2 114.4

39 52.8 42.7 64.1



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

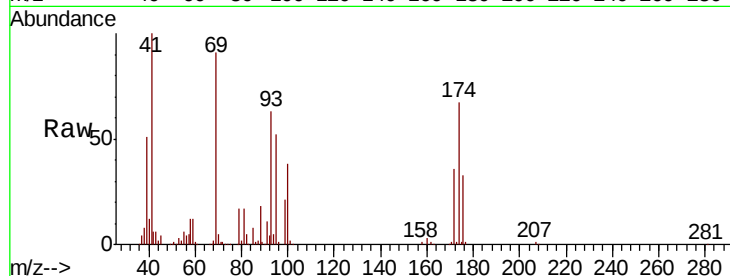




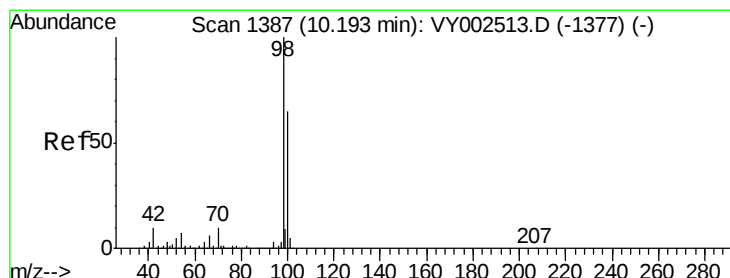
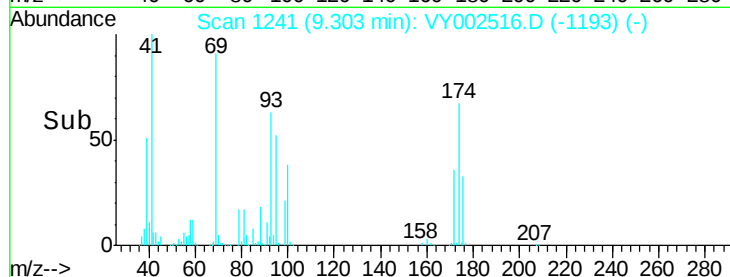
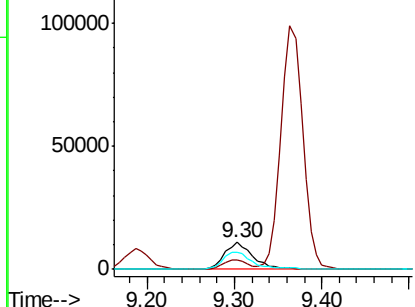
#49
1,4-Dioxane
Concen: 1036.734 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 25168
Ion Ratio Lower Upper
88 100
43 31.0 22.8 34.2
58 63.5 51.4 77.2

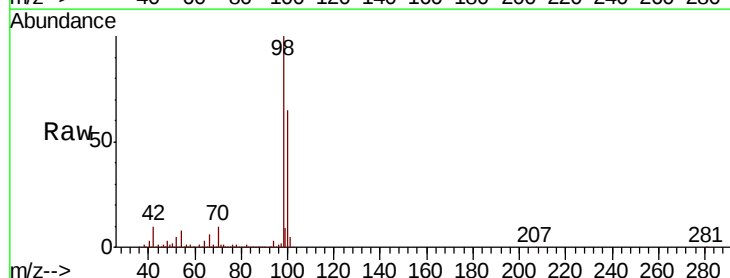


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

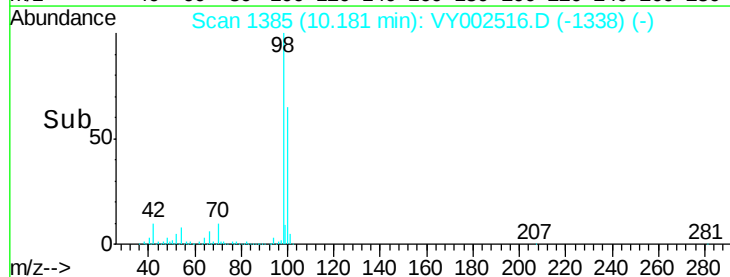
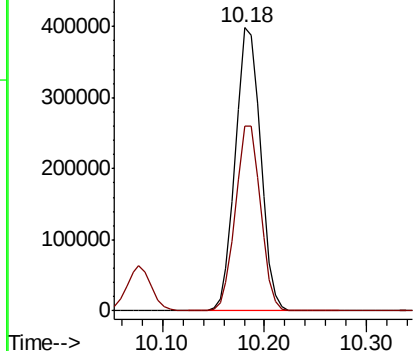


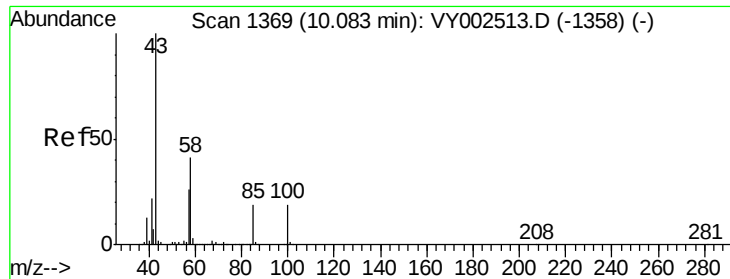
#50
Toluene-d8
Concen: 55.763 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 98 Resp: 679167
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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

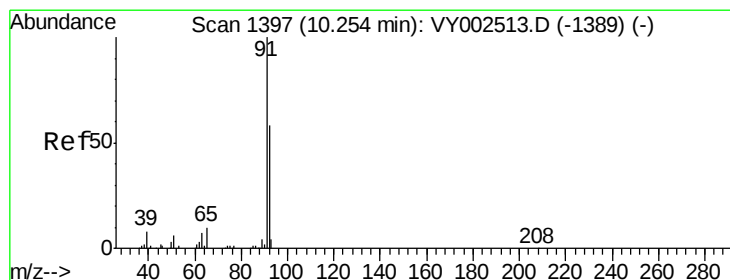
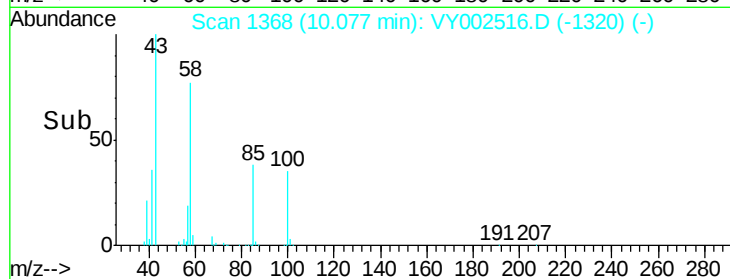
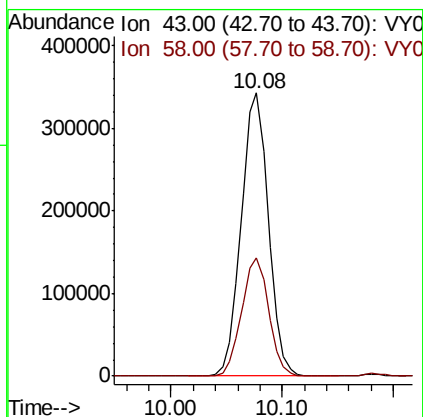
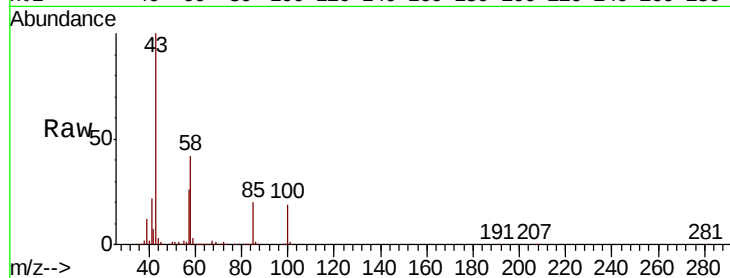




#51
4-Methyl-2-Pentanone
Concen: 255.713 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

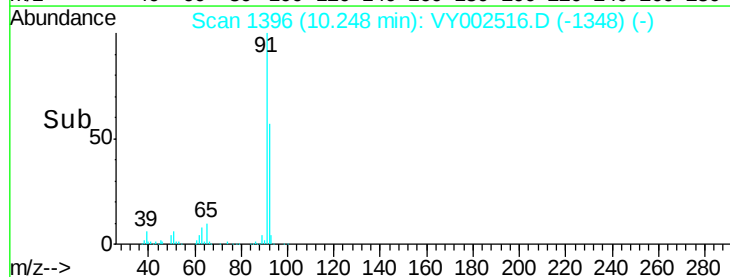
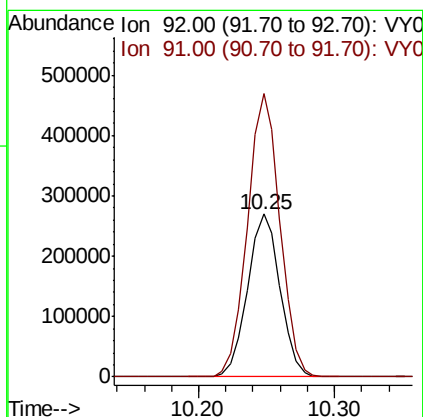
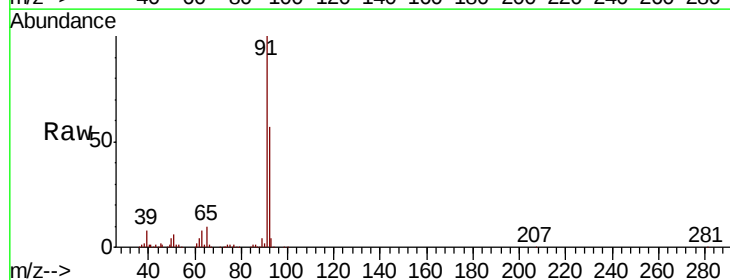
Instrument :
MSVOA_Y
ClientSampleId :

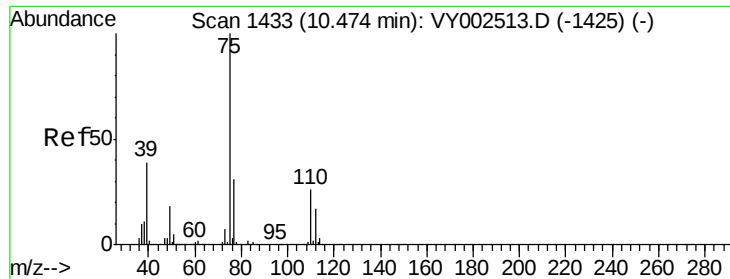
Tot Ion: 43 Resp: 580495
Ion Ratio Lower Upper
43 100
58 41.7 33.2 49.8



#52
Toluene
Concen: 53.131 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 92 Resp: 450861
Ion Ratio Lower Upper
92 100
91 173.7 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 53.263 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

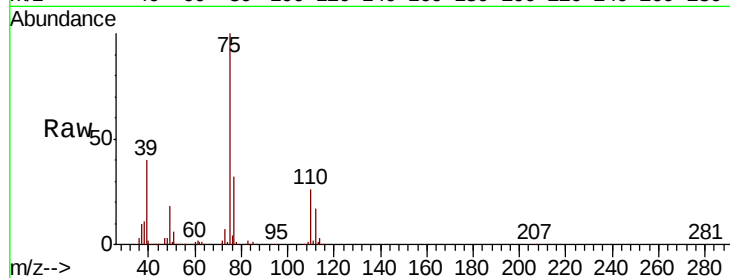
ClientSampleId :

Tot Ion: 75 Resp: 248796

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

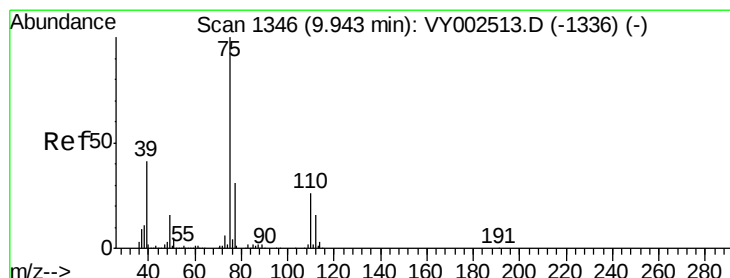
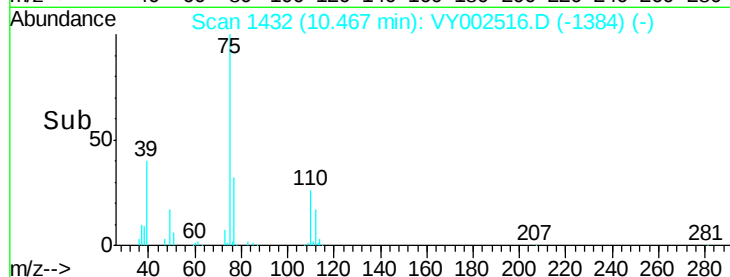
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.308 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

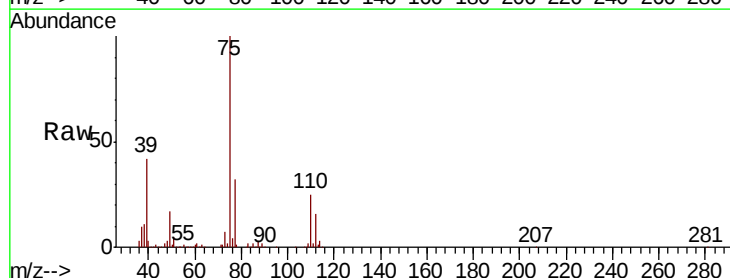
Tgt Ion: 75 Resp: 287867

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 42.2 32.7 49.1



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

9.93

200000

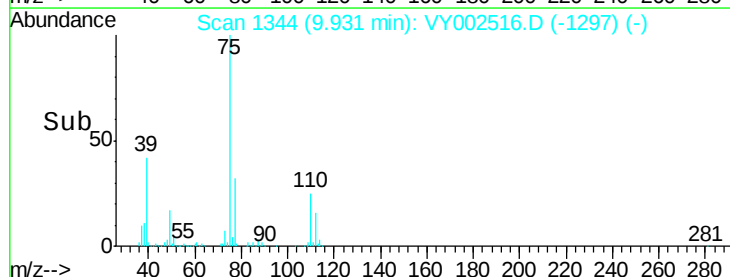
150000

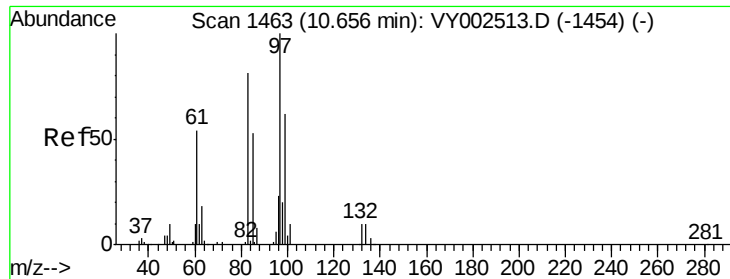
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.984 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 138993

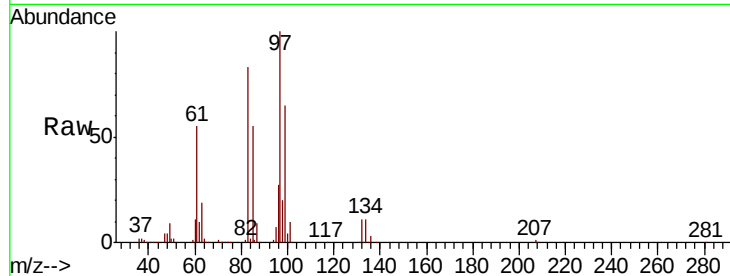
Ion Ratio Lower Upper

97 100

83 83.0 65.1 97.7

85 54.9 42.7 64.1

99 64.7 50.0 75.0

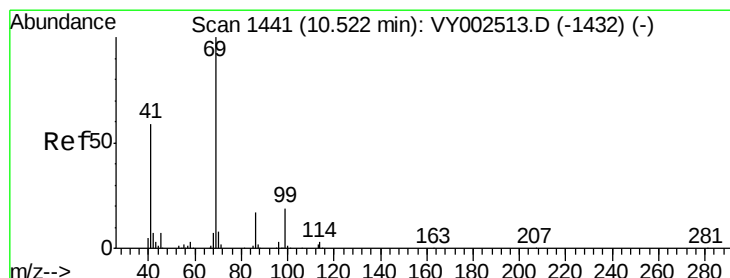
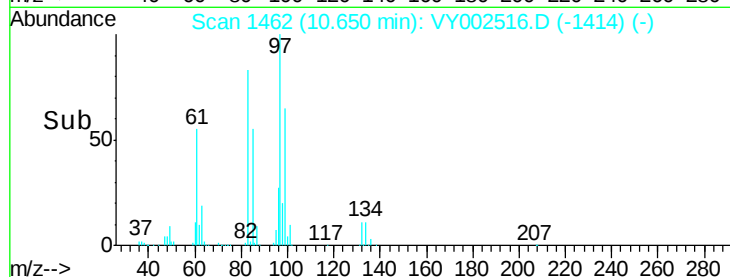
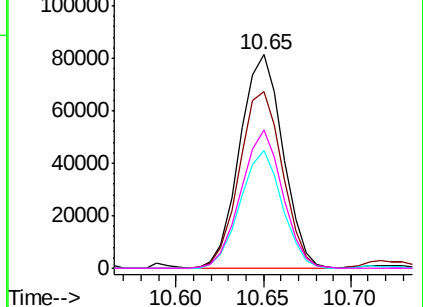


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 53.720 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

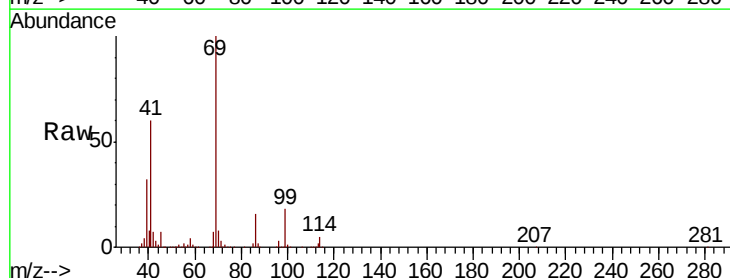
Tgt Ion: 69 Resp: 191080

Ion Ratio Lower Upper

69 100

41 60.0 48.6 73.0

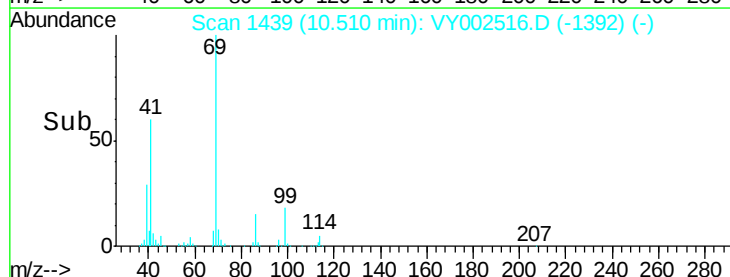
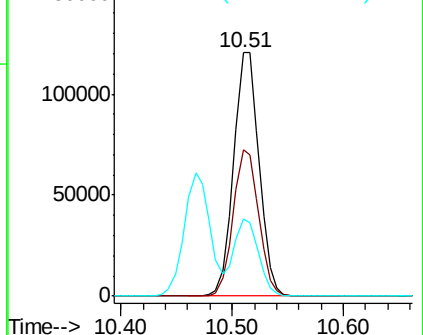
39 30.9 25.0 37.4

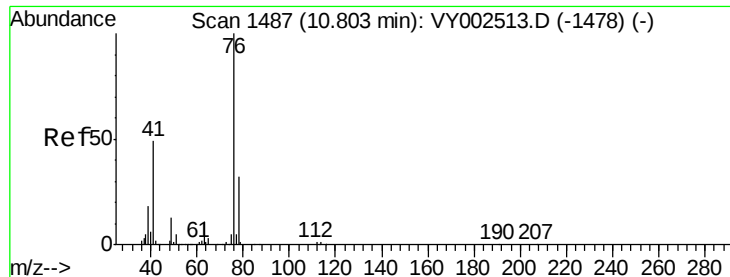


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 51.824 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

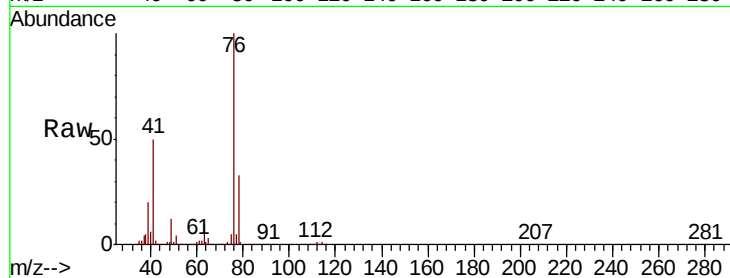
ClientSampleId :

Tot Ion: 76 Resp: 234984

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

150000

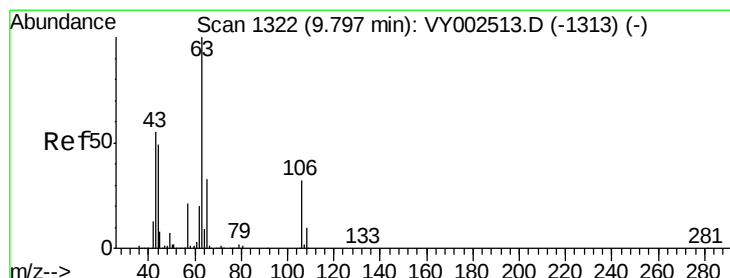
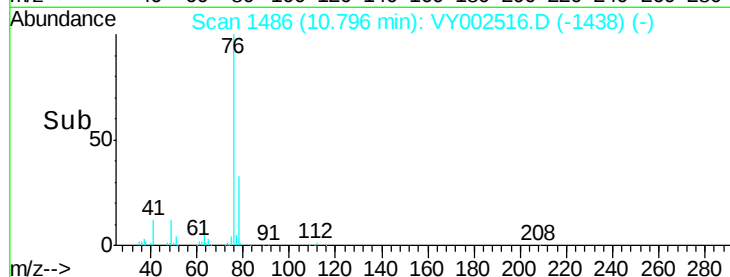
100000

50000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 254.524 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002516.D

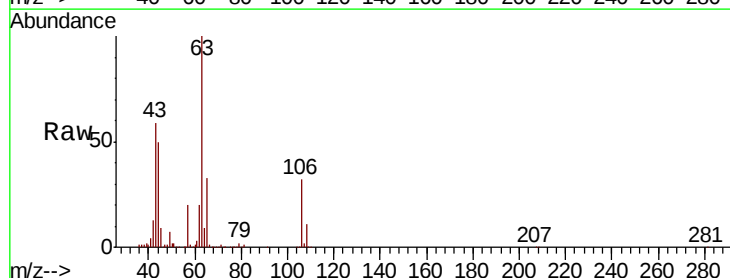
Acq: 30 Apr 2020 16:48

Tgt Ion: 63 Resp: 477426

Ion Ratio Lower Upper

63 100

106 31.4 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

300000

250000

200000

150000

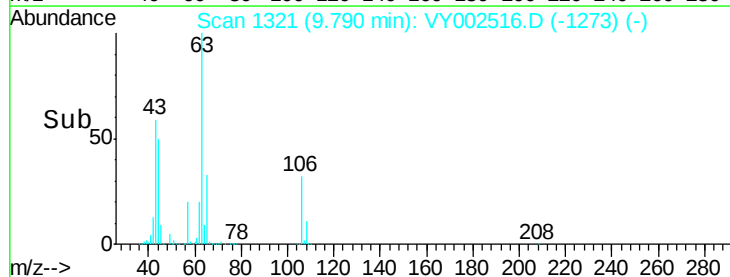
100000

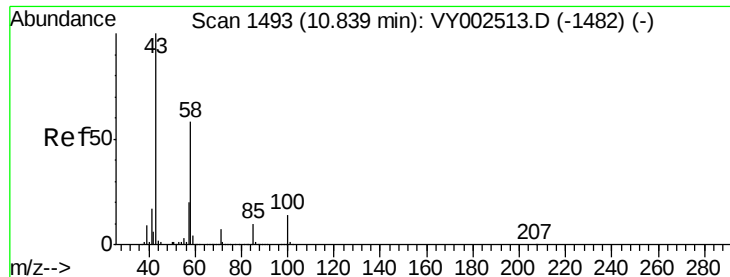
50000

0

Time-->

9.70 9.75 9.80 9.85 9.90

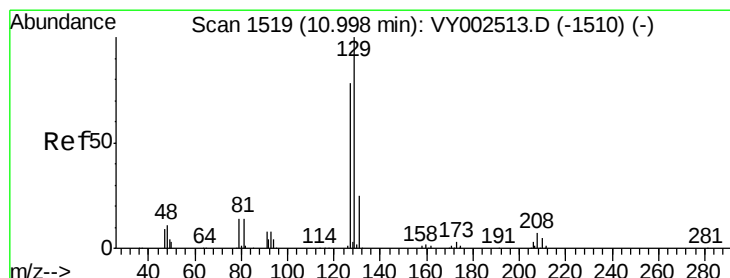
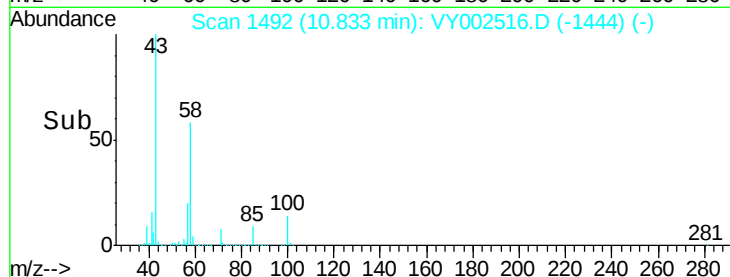
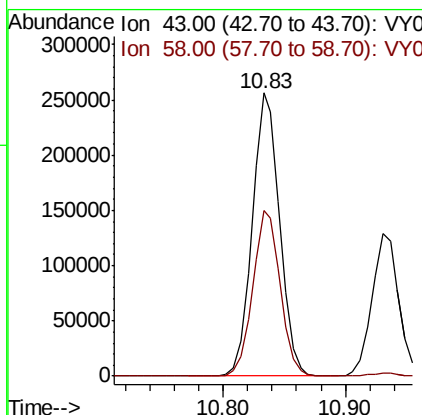
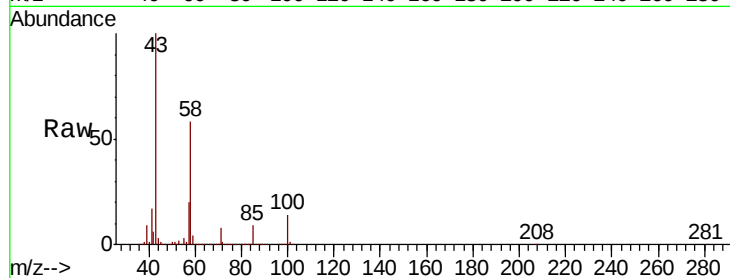




#59
2-Hexanone
Concen: 255.926 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

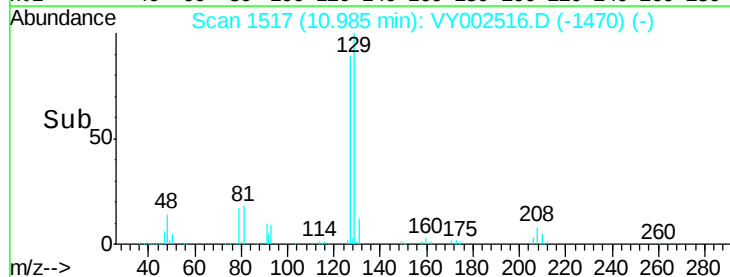
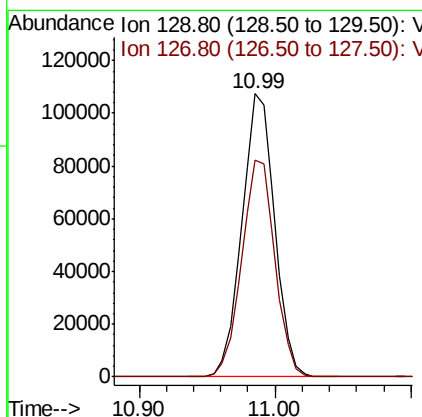
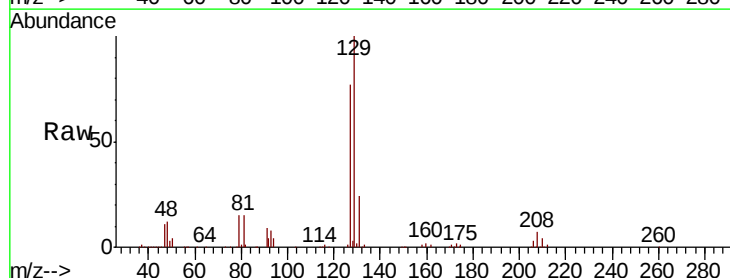
Instrument :
MSVOA_Y
ClientSampled :

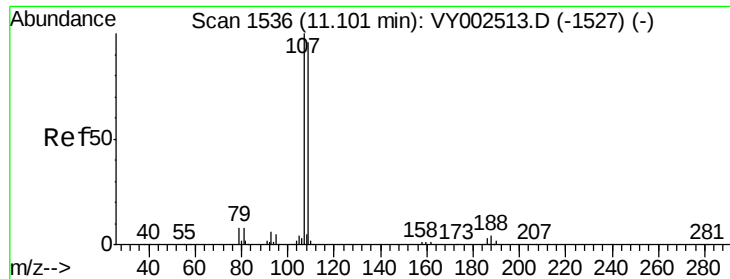
Tot Ion: 43 Resp: 399869
Ion Ratio Lower Upper
43 100
58 58.4 29.1 87.3



#60
Dibromochloromethane
Concen: 53.055 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion: 129 Resp: 180422
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

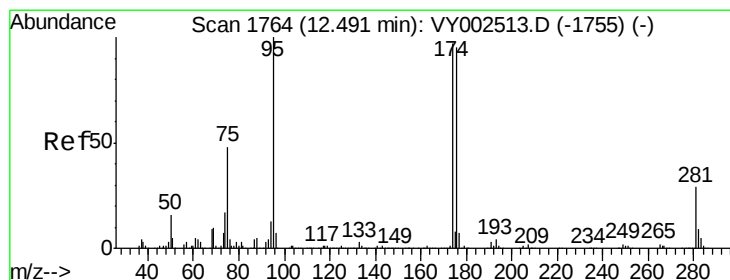
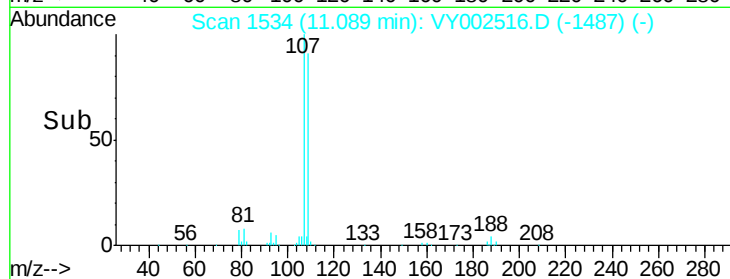
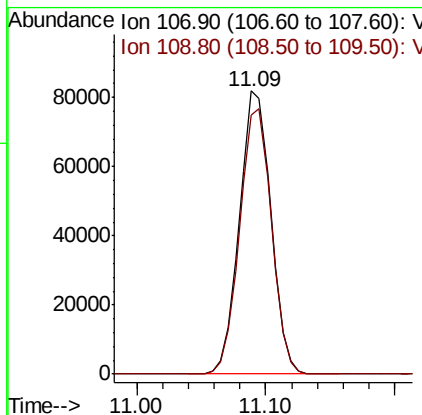
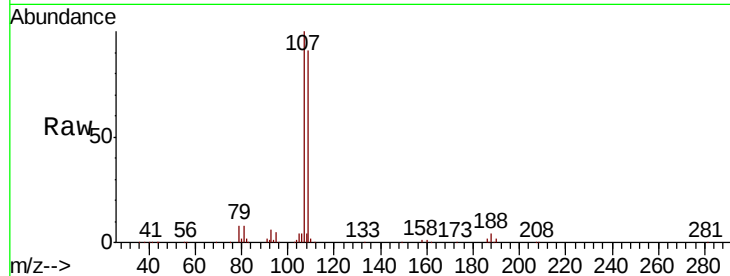




#61
 1,2-Dibromoethane
 Concen: 52.153 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

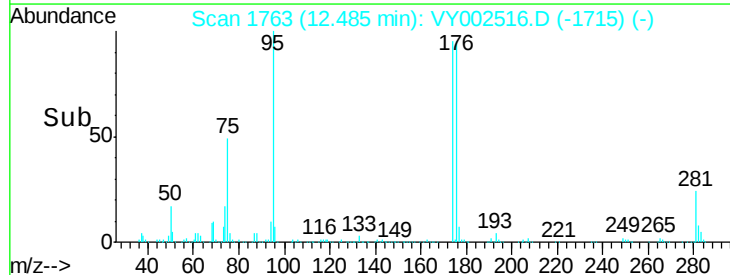
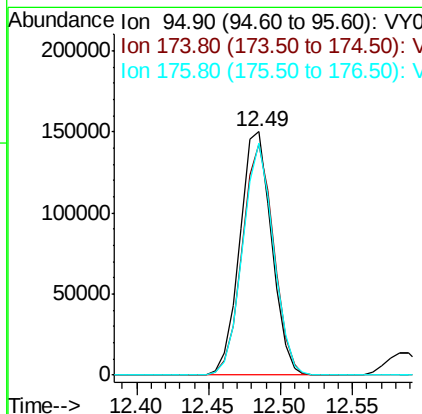
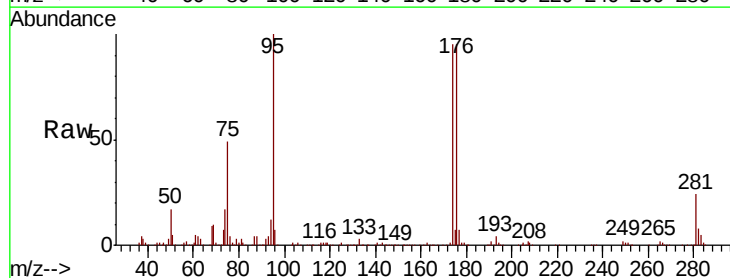
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 138075
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 55.740 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion: 95 Resp: 230362
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 188.8
 176 91.7 0.0 183.2

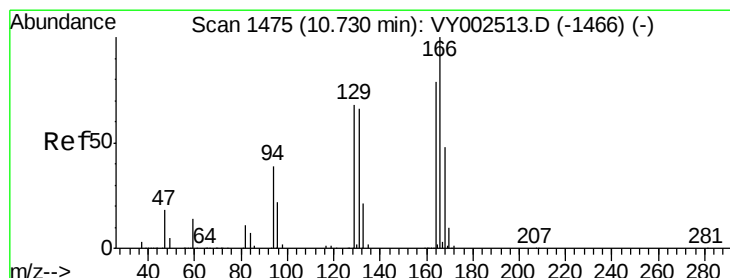
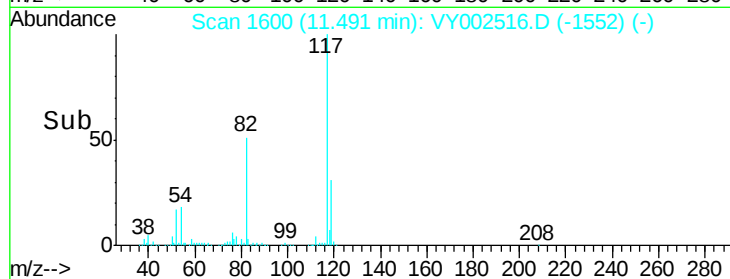
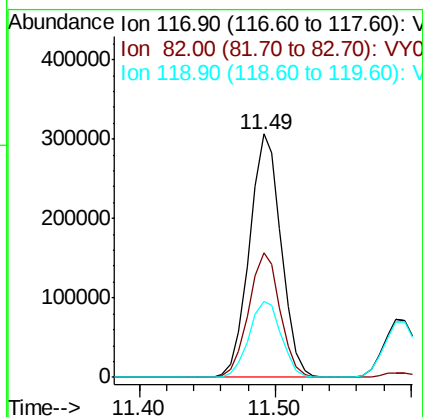
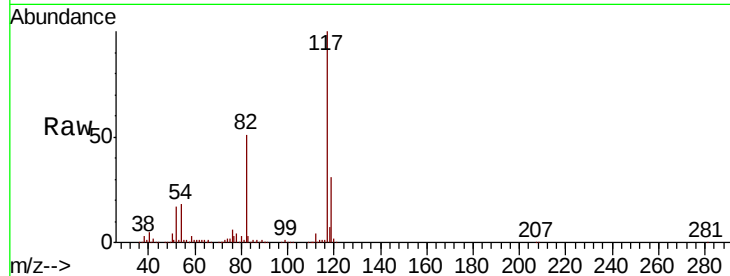




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

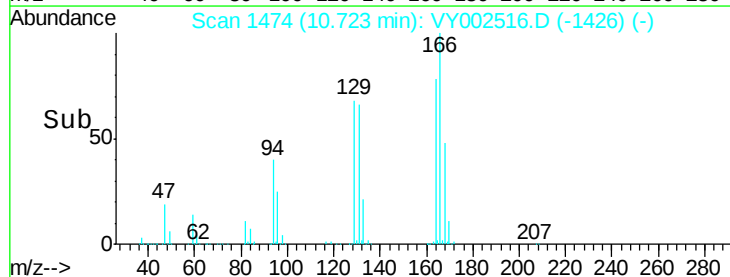
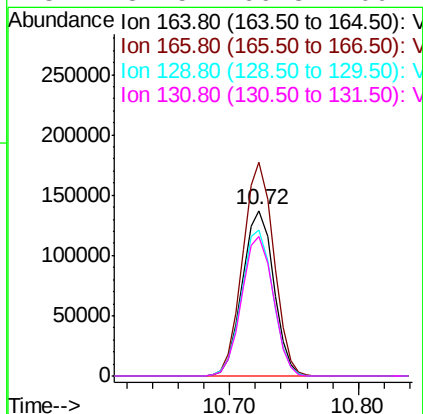
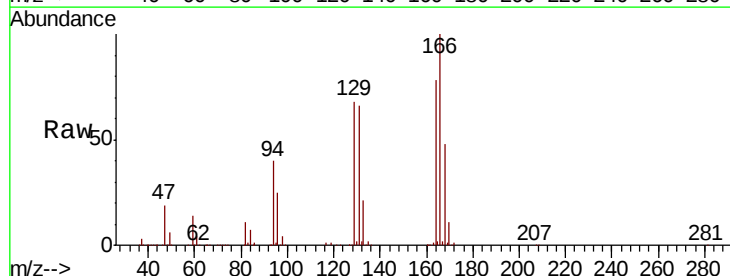
Instrument :
MSVOA_Y
ClientSampleId :

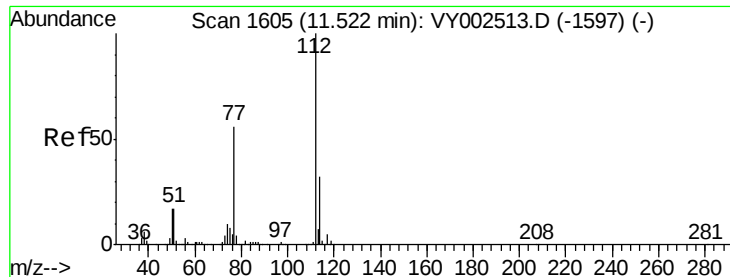
Tot Ion:117 Resp: 499078
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.4 26.0 39.0



#64
Tetrachloroethene
Concen: 51.960 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion:164 Resp: 230405
Ion Ratio Lower Upper
164 100
166 129.0 100.7 151.1
129 88.3 68.3 102.5
131 84.5 66.8 100.2

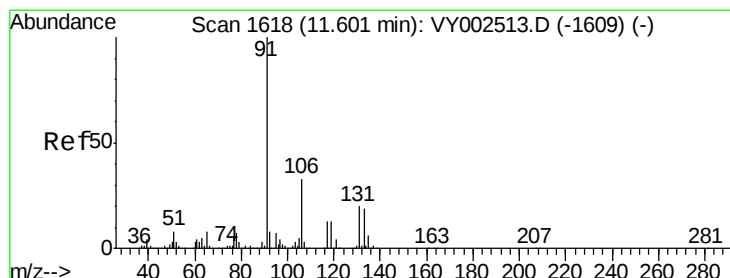
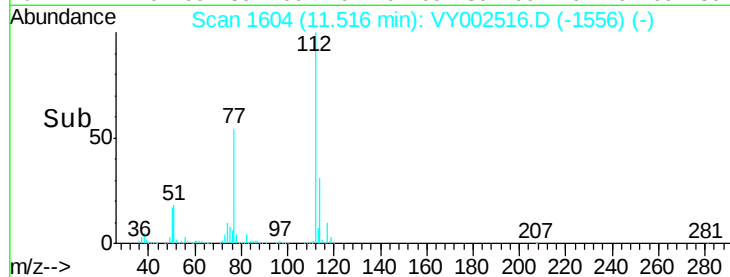
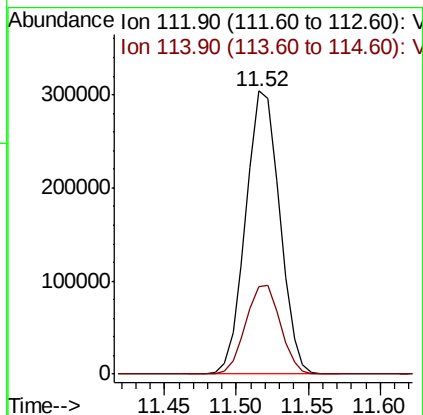
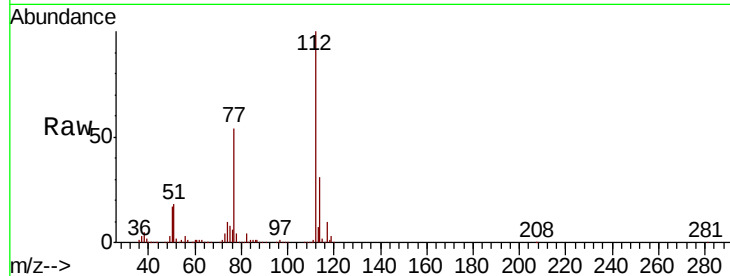




#65
Chlorobenzene
Concen: 52.361 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

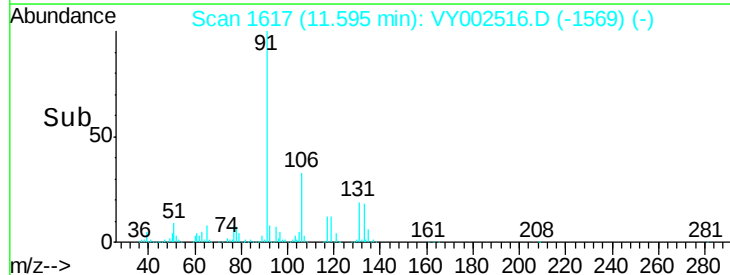
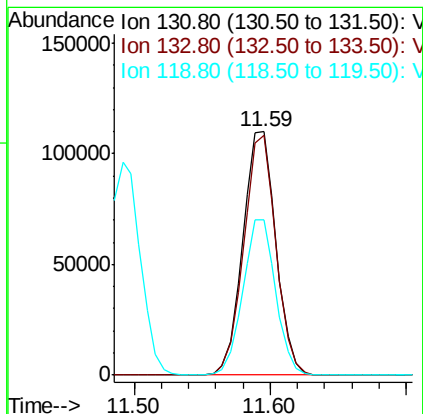
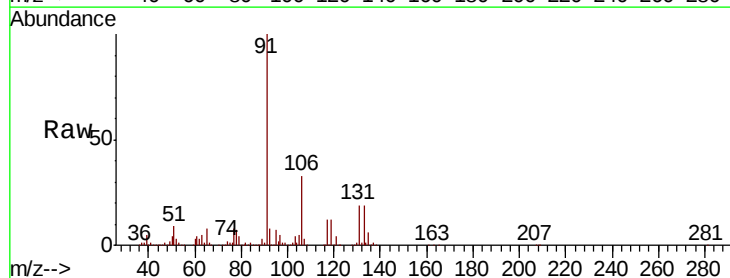
Instrument :
MSVOA_Y
ClientSampleId :

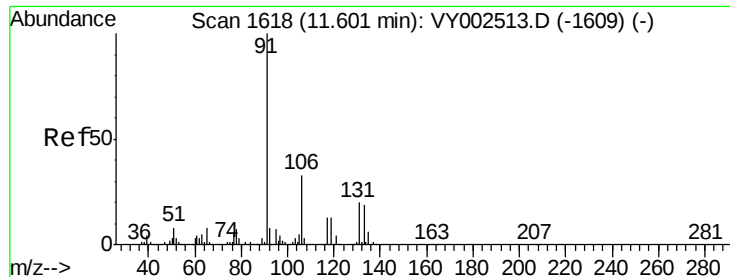
Tot Ion:112 Resp: 496771
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.066 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion:131 Resp: 186885
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 62.8 31.6 95.0





#67

Ethyl Benzene

Concen: 52.999 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

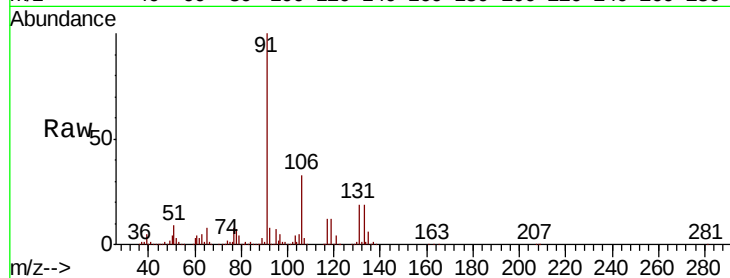
ClientSampled :

Tot Ion: 91 Resp: 883254

Ion Ratio Lower Upper

91 100

106 32.7 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY002513.D (-1609) (-)

800000

600000

400000

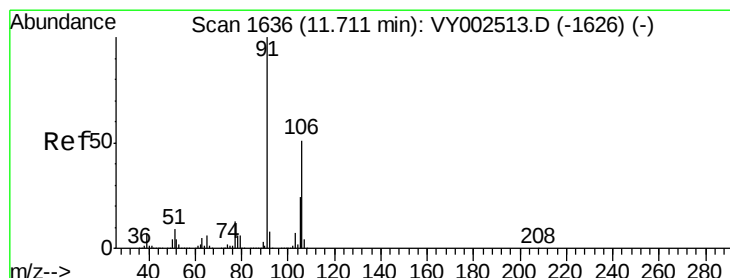
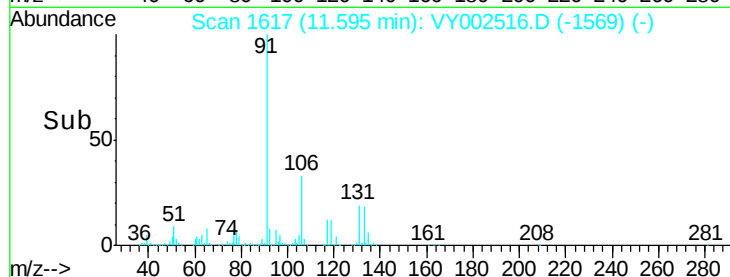
200000

0

11.59

11.60

Time-->



#68

m/p-Xylenes

Concen: 106.150 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002516.D

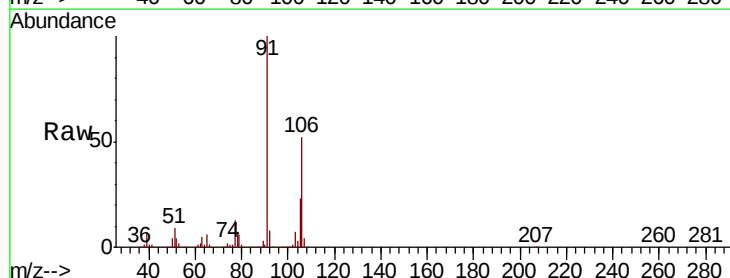
Acq: 30 Apr 2020 16:48

Tgt Ion:106 Resp: 684480

Ion Ratio Lower Upper

106 100

91 193.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1626) (-)

800000

600000

400000

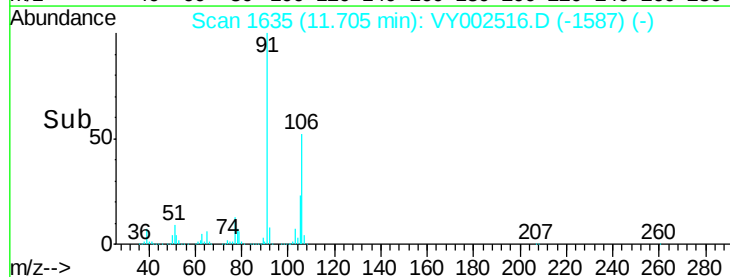
200000

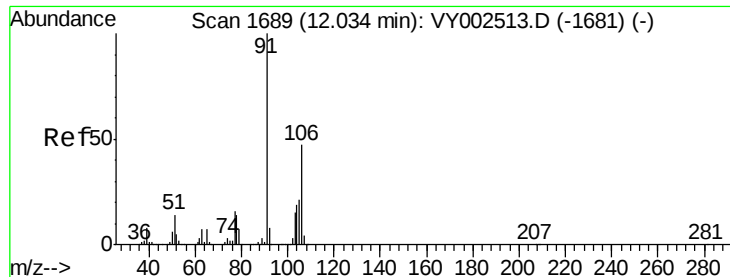
0

11.70

11.80

Time-->

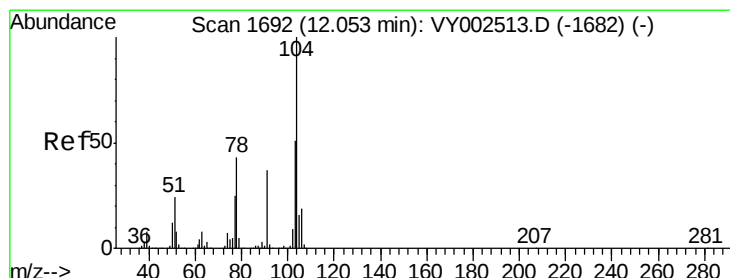
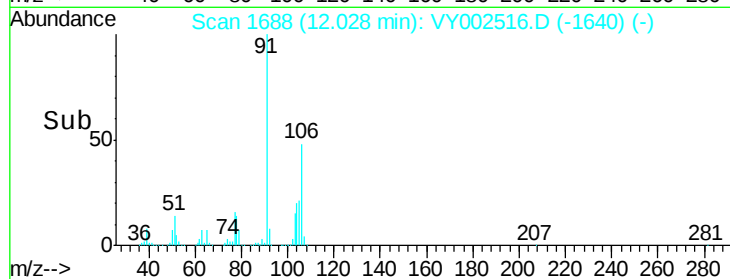
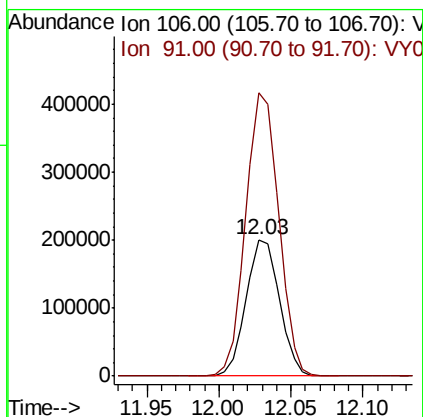
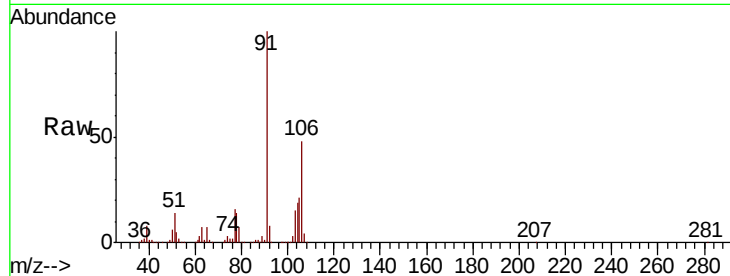




#69
o-Xylene
Concen: 53.116 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

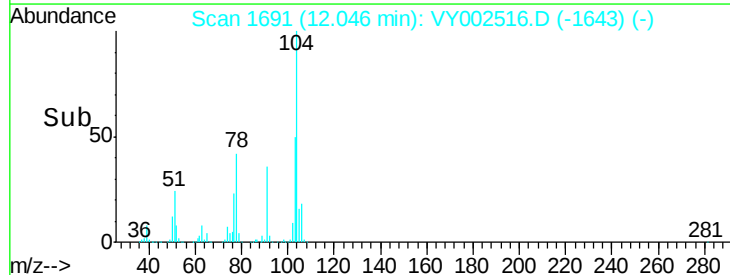
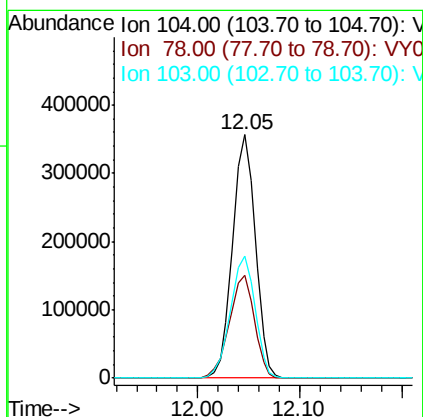
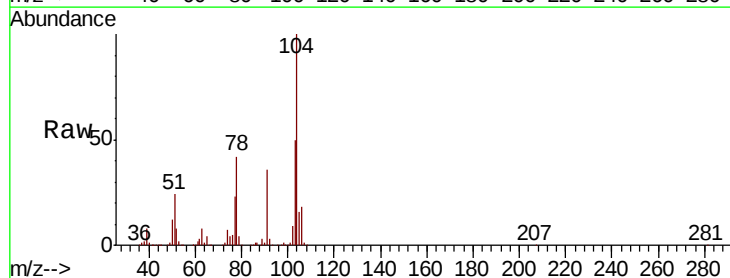
Instrument :
MSVOA_Y
ClientSampled :

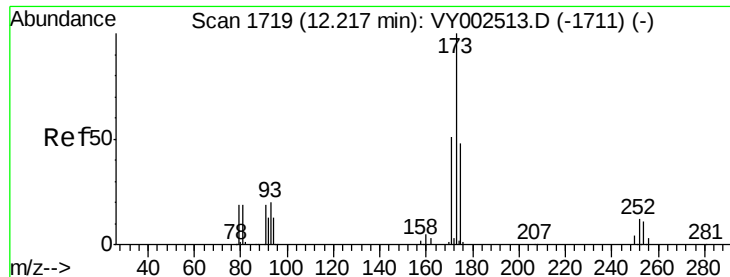
Tot Ion:106 Resp: 320695
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.3



#70
Styrene
Concen: 53.316 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion:104 Resp: 550301
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 54.5 43.9 65.9

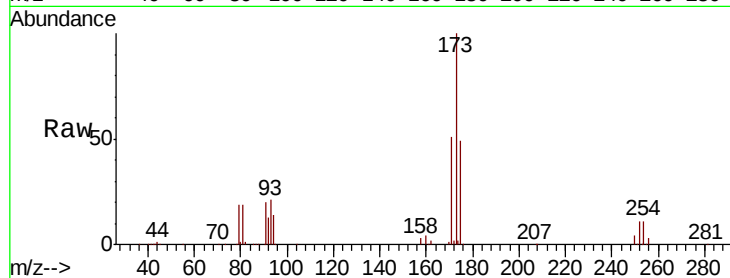




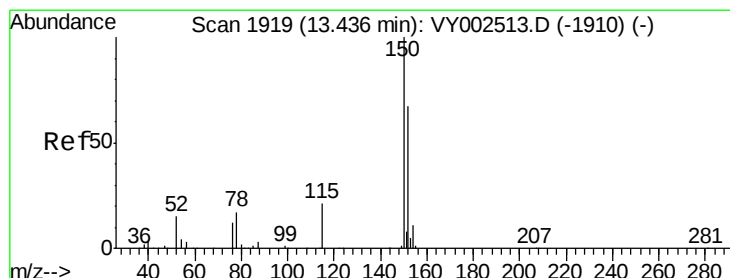
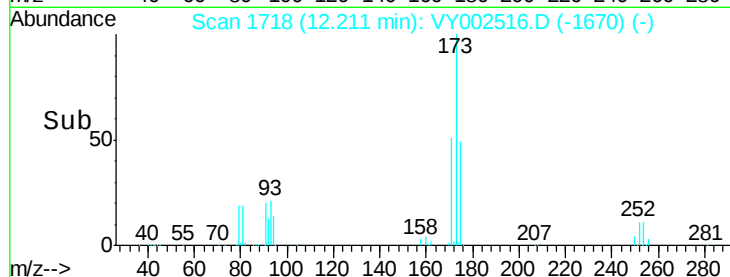
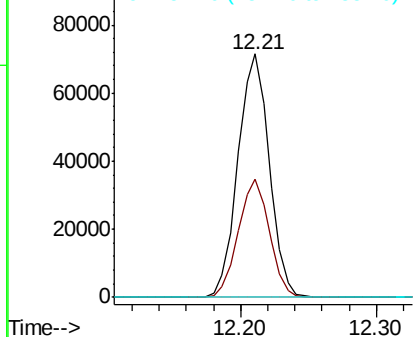
#71
Bromoform
Concen: 52.529 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 114821
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.2 0.2 0.2

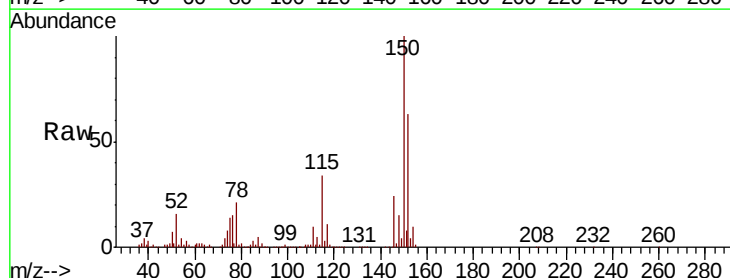


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

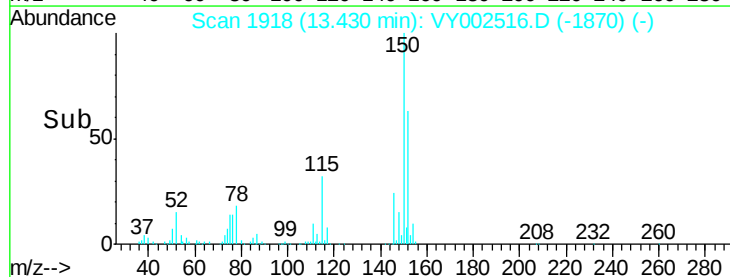
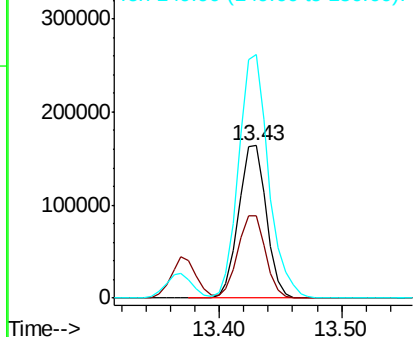


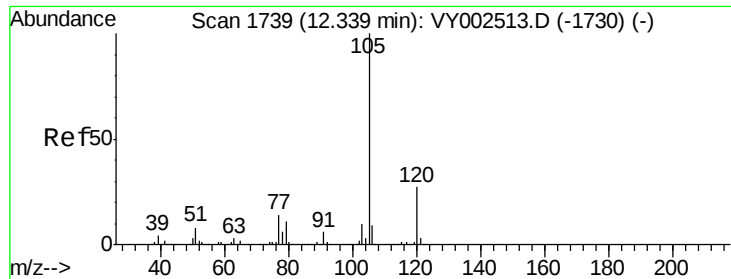
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion:152 Resp: 256225
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 172.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 52.852 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

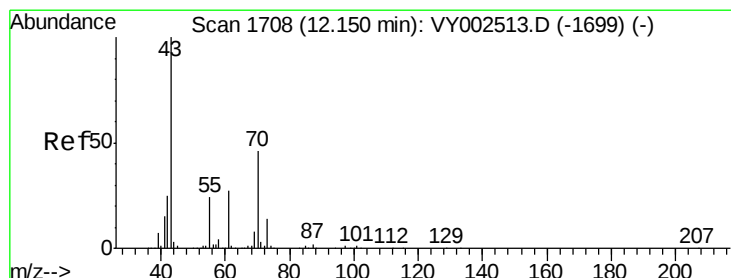
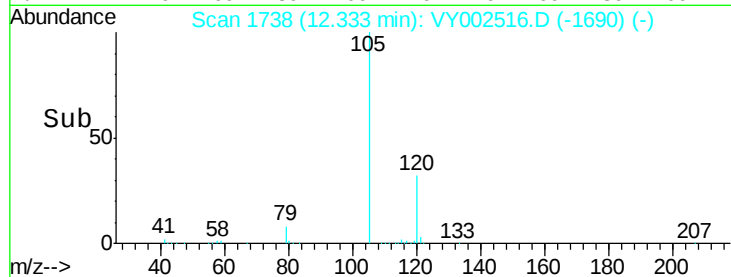
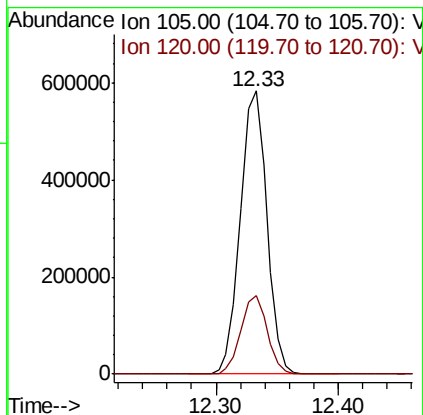
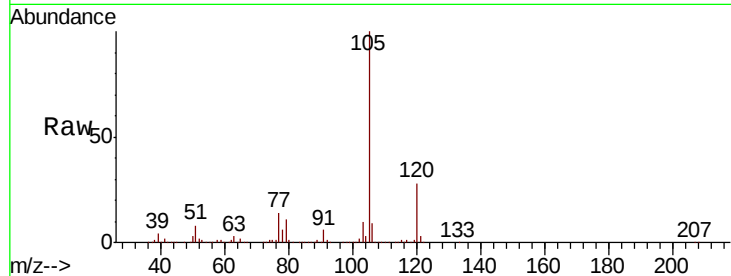
ClientSampleId :

Tot Ion:105 Resp: 877655

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



#74

N-ethyl acetate

Concen: 51.787 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion: 43 Resp: 206867

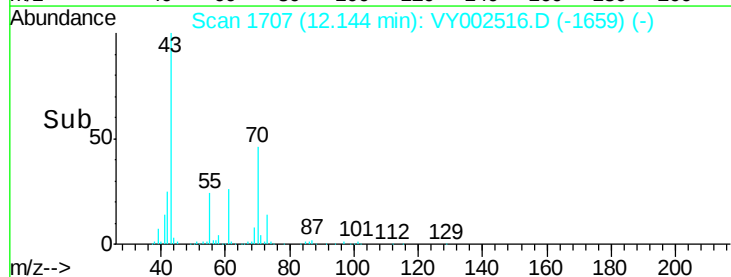
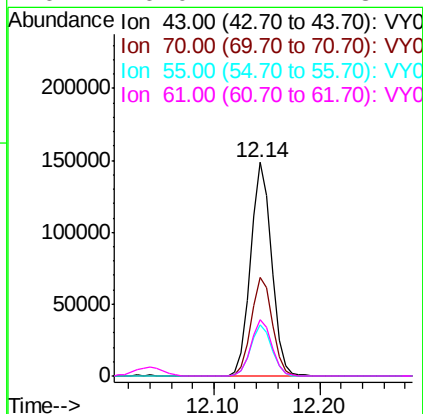
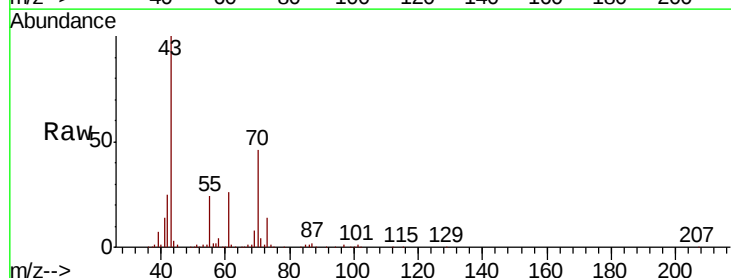
Ion Ratio Lower Upper

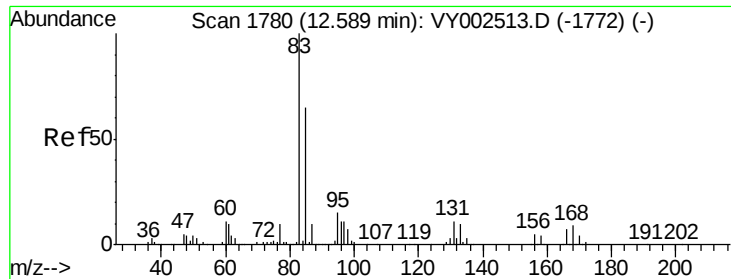
43 100

70 46.6 36.7 55.1

55 24.2 19.2 28.8

61 26.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.131 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

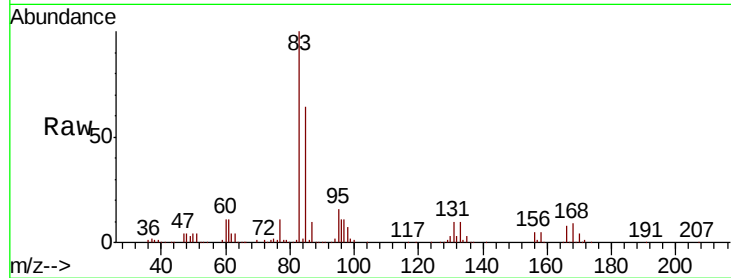
Tot Ion: 83 Resp: 135033

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

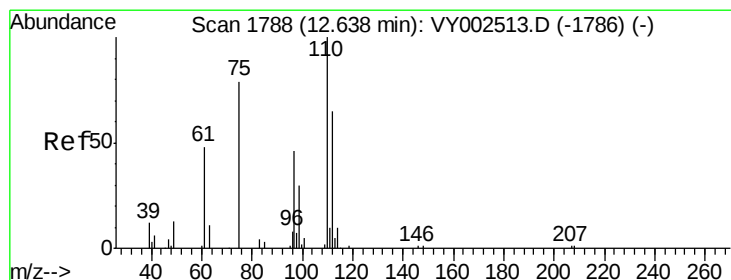
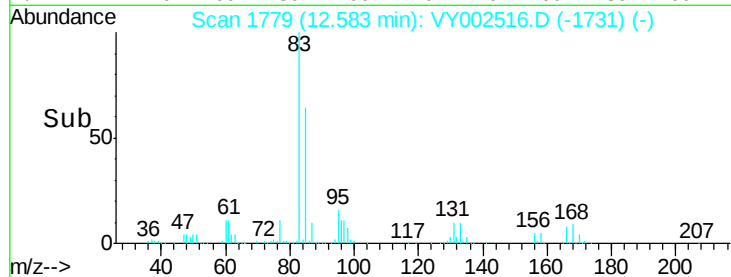
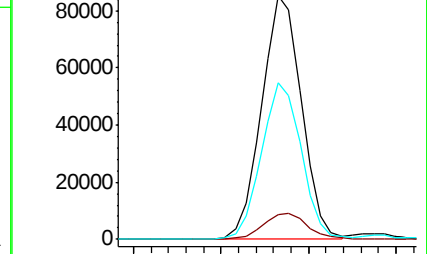
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002516.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002516.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002516.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 51.866 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002516.D

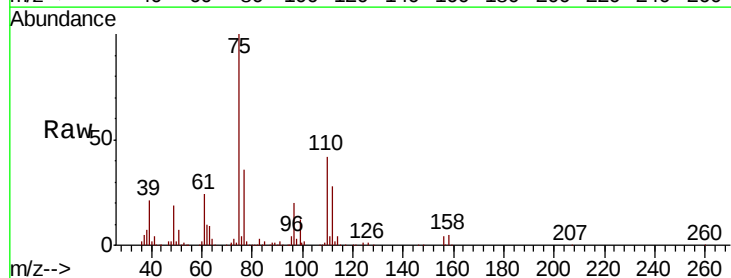
Acq: 30 Apr 2020 16:48

Tgt Ion: 75 Resp: 118099

Ion Ratio Lower Upper

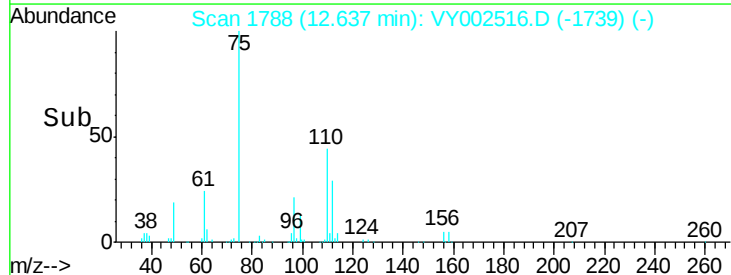
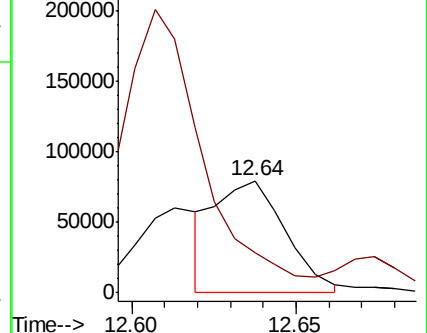
75 100

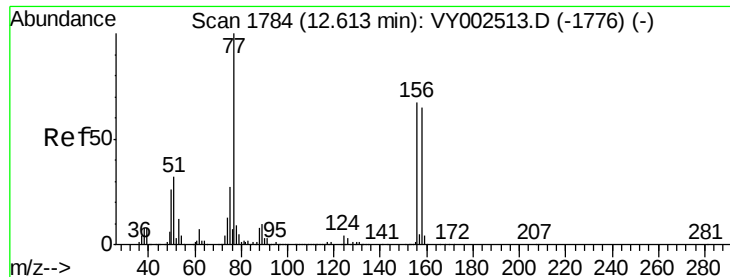
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002516.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002516.D (-1739) (-)





#77

Bromobenzene

Concen: 52.404 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampled :

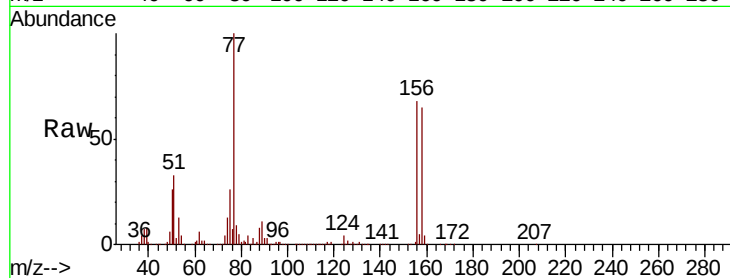
Tot Ion:156 Resp: 217415

Ion Ratio Lower Upper

156 100

77 162.4 82.0 245.8

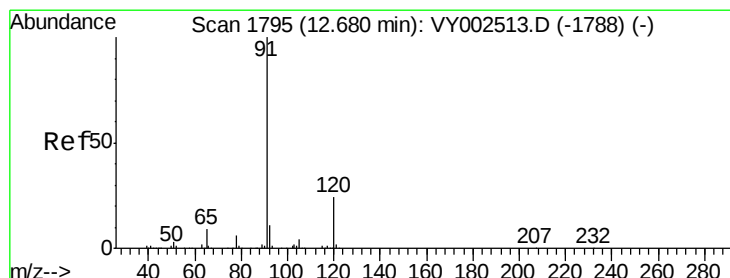
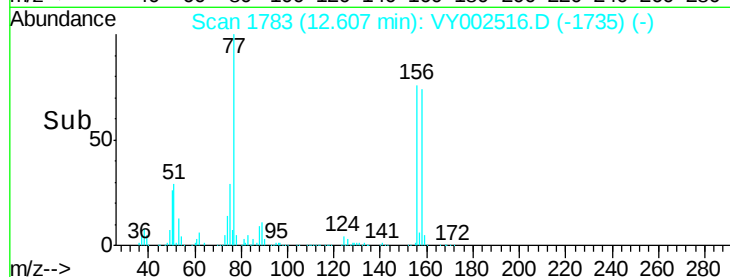
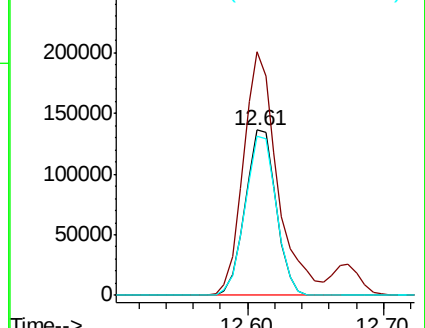
158 97.3 48.5 145.6



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: 53.010 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002516.D

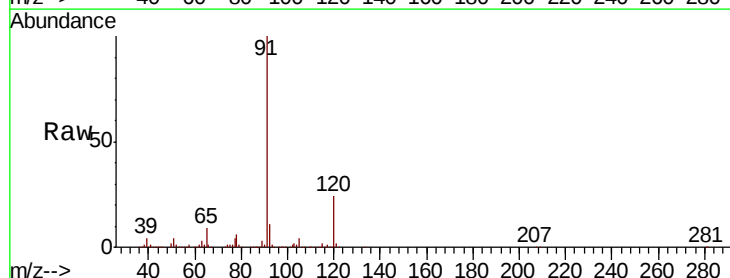
Acq: 30 Apr 2020 16:48

Tgt Ion: 91 Resp: 1021538

Ion Ratio Lower Upper

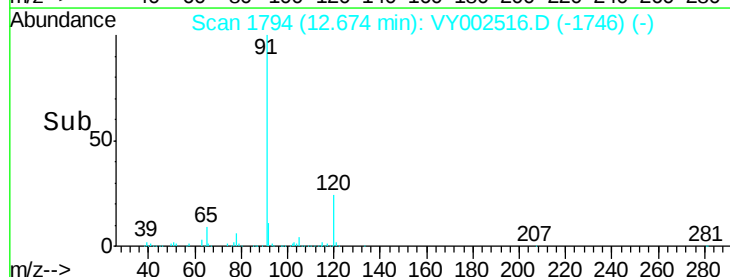
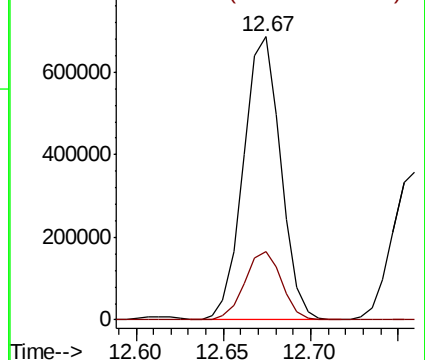
91 100

120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.398 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

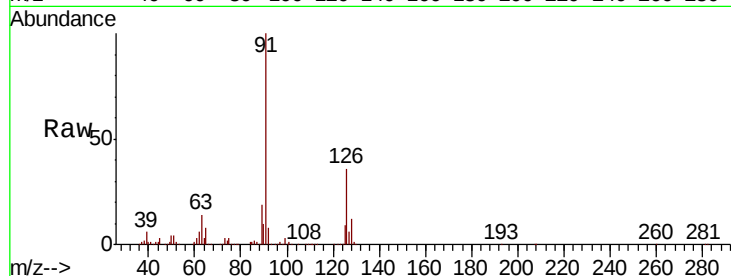
ClientSampleId :

Tot Ion: 91 Resp: 559331

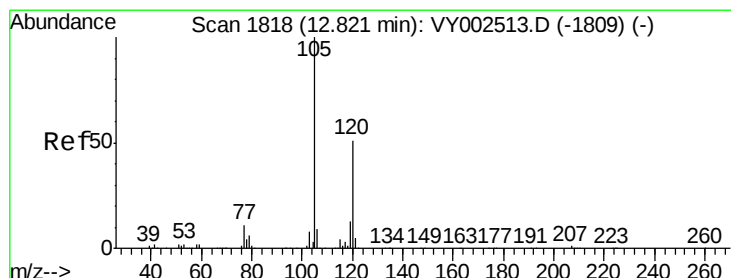
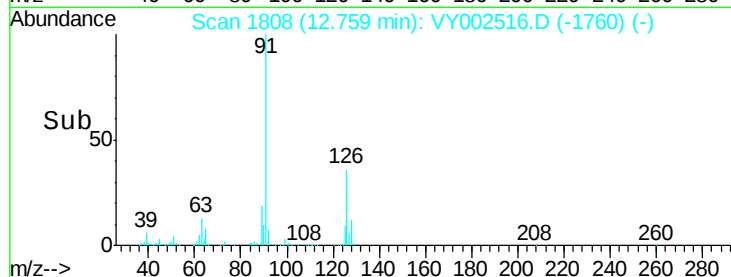
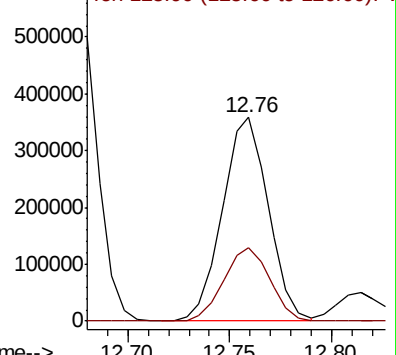
Ion Ratio Lower Upper

91 100

126 36.3 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002516.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.937 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002516.D

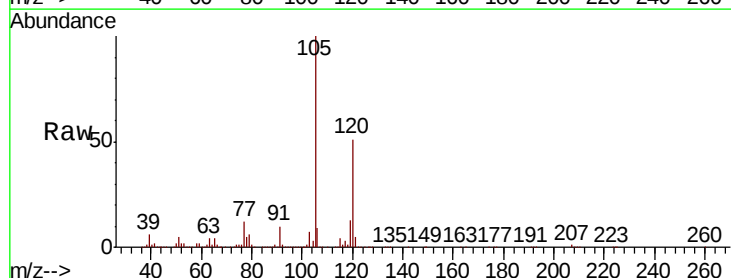
Acq: 30 Apr 2020 16:48

Tgt Ion: 105 Resp: 728677

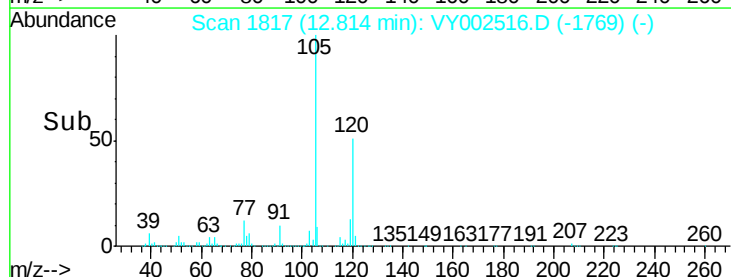
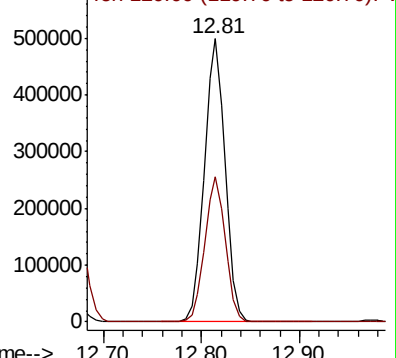
Ion Ratio Lower Upper

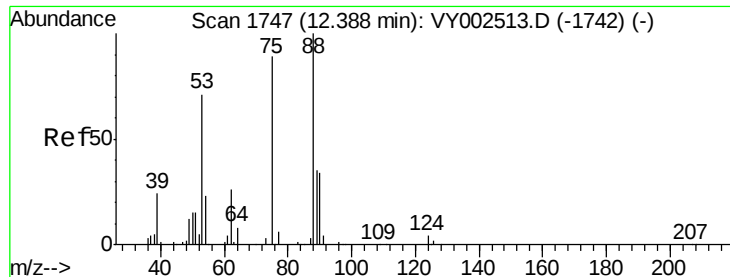
105 100

120 51.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002516.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.924 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampled :

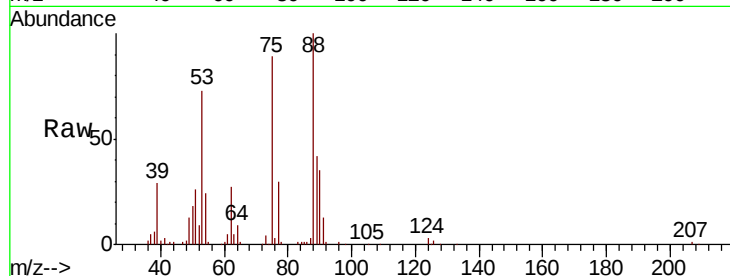
Tot Ion: 75 Resp: 57826

Ion Ratio Lower Upper

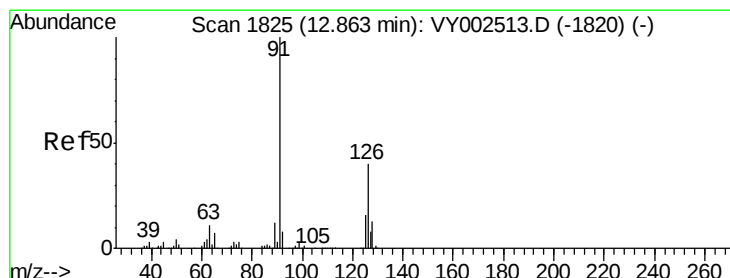
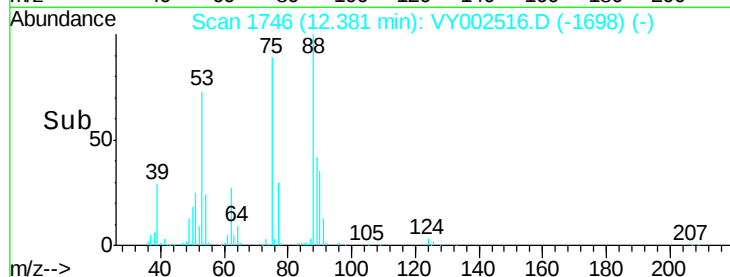
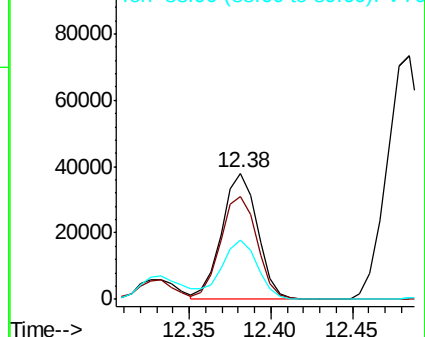
75 100

53 84.5 67.4 101.0

89 46.7 37.4 56.0



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: 52.437 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002516.D

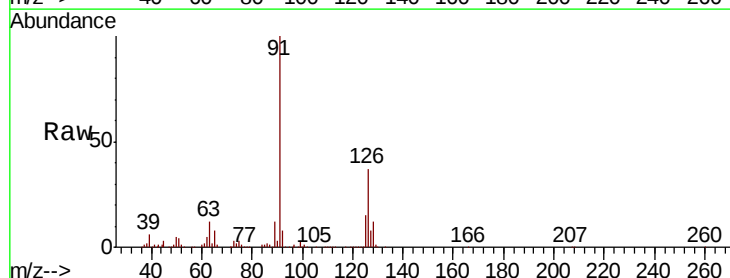
Acq: 30 Apr 2020 16:48

Tgt Ion: 91 Resp: 587963

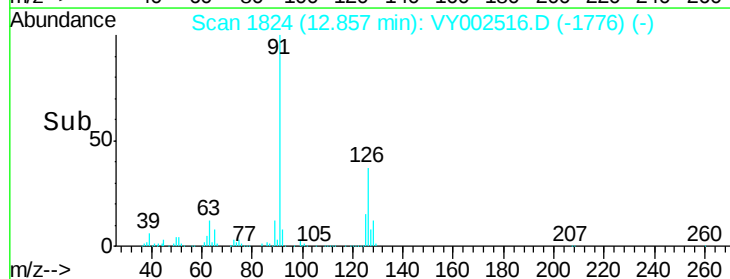
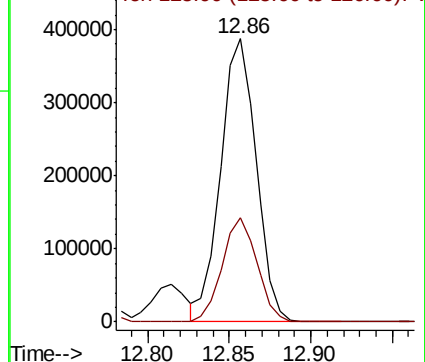
Ion Ratio Lower Upper

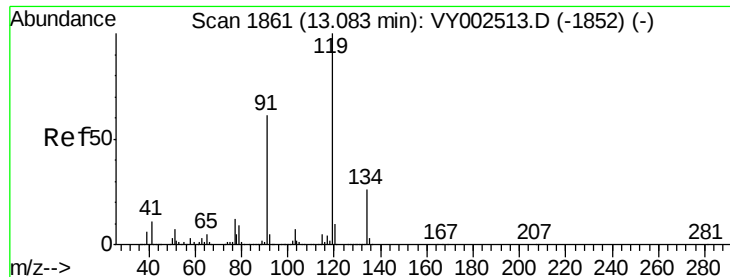
91 100

126 36.2 18.5 55.5



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





#83

tert-Butylbenzene

Concen: 53.253 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampled :

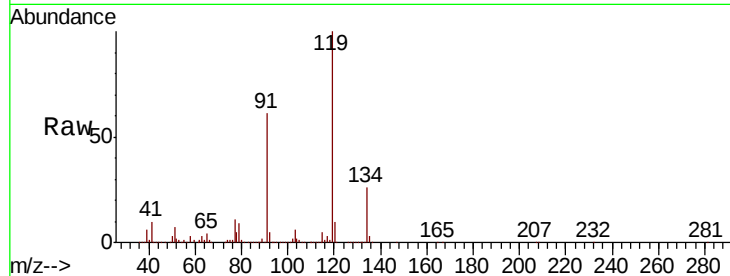
Tot Ion:119 Resp: 642737

Ion Ratio Lower Upper

119 100

91 61.1 30.6 91.6

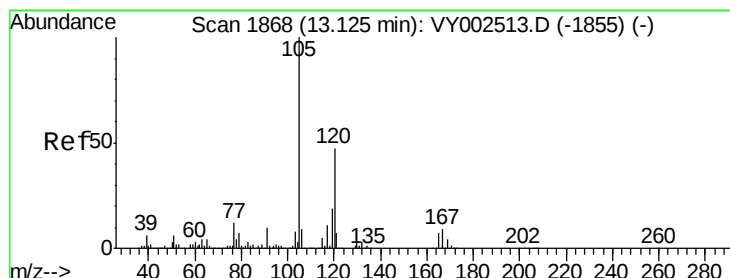
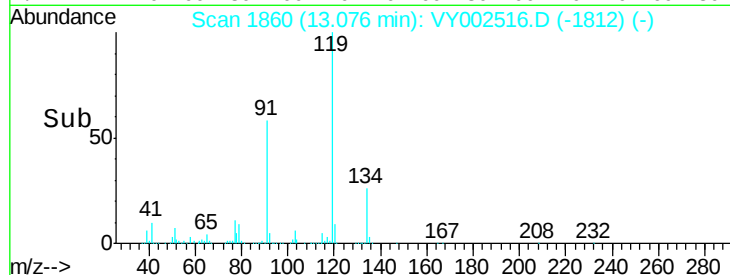
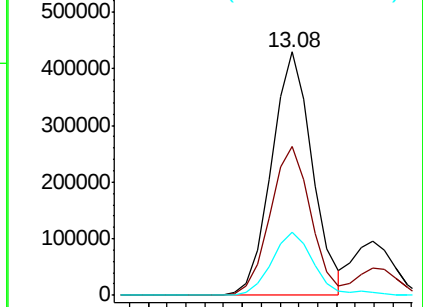
134 27.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.262 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.01 min

Lab File: VY002516.D

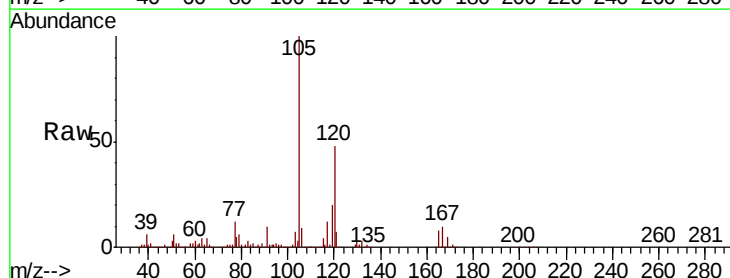
Acq: 30 Apr 2020 16:48

Tgt Ion:105 Resp: 730668

Ion Ratio Lower Upper

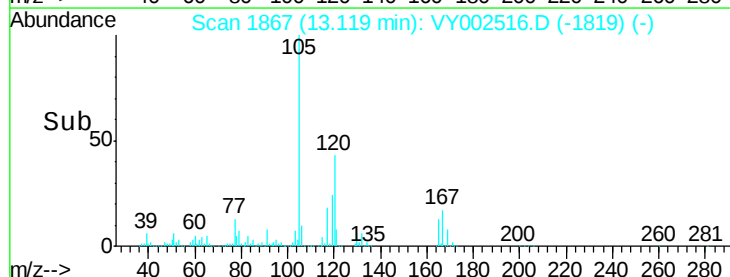
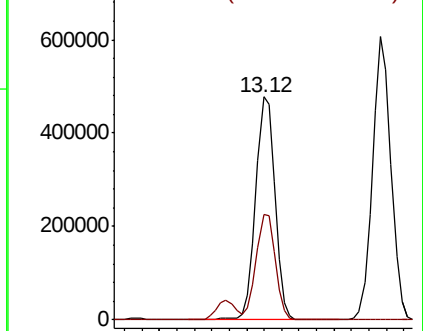
105 100

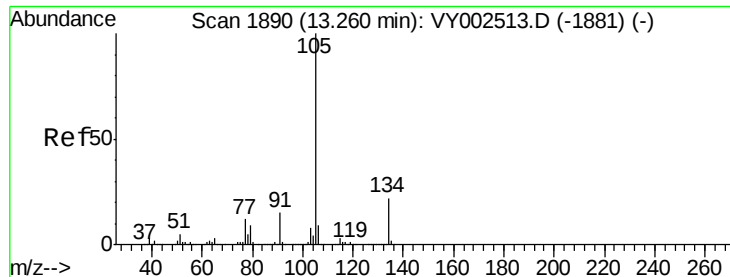
120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.205 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

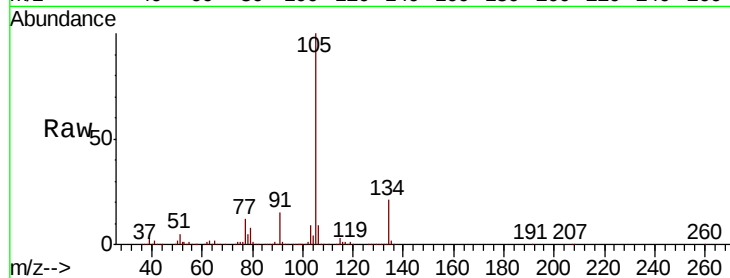
ClientSampleId :

Tot Ion:105 Resp: 891066

Ion Ratio Lower Upper

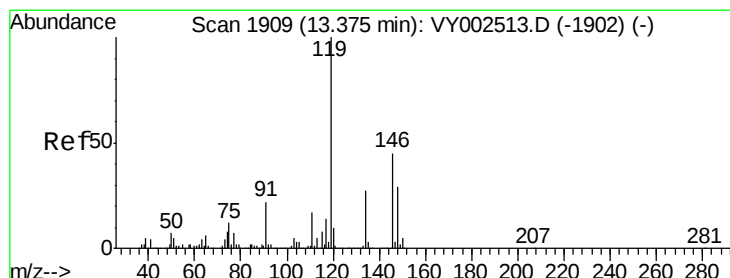
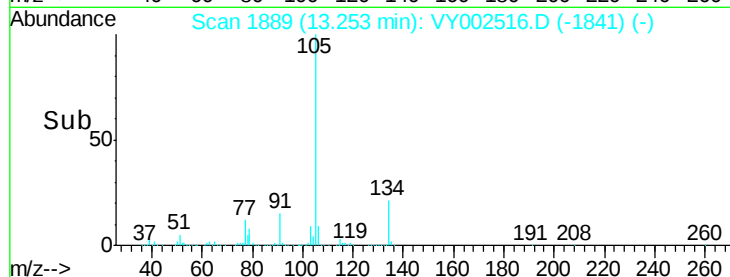
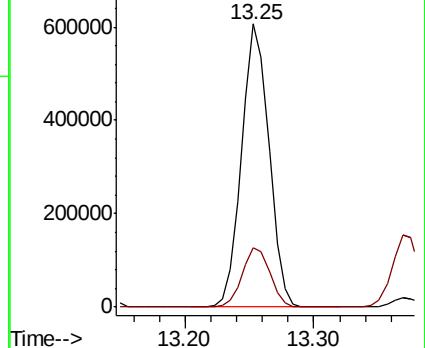
105 100

134 21.2 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.398 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

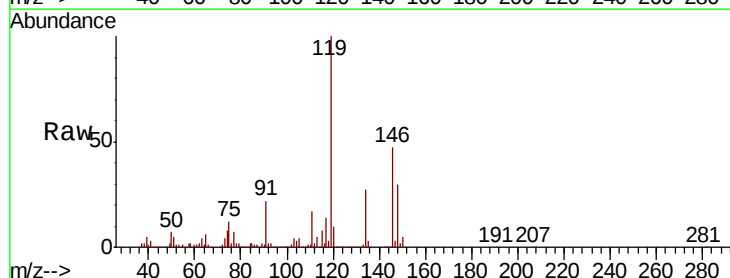
Tgt Ion:119 Resp: 837950

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

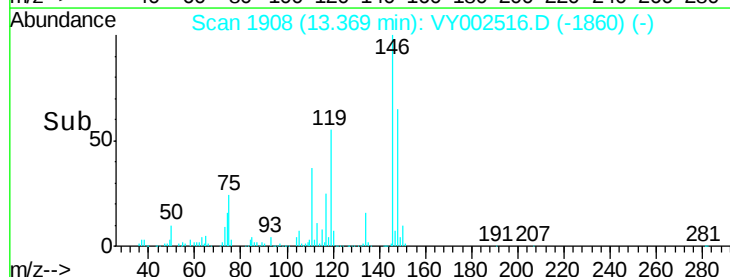
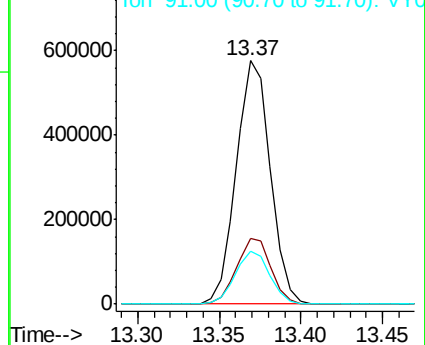
91 22.0 10.9 32.9

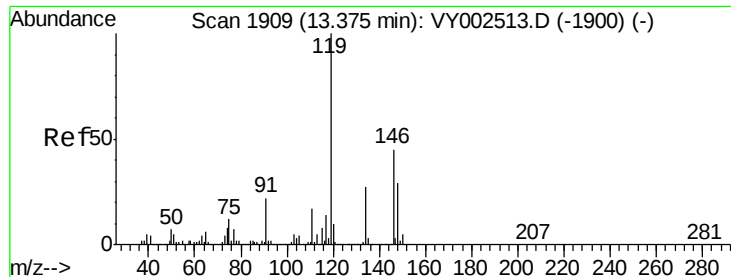


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 52.400 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

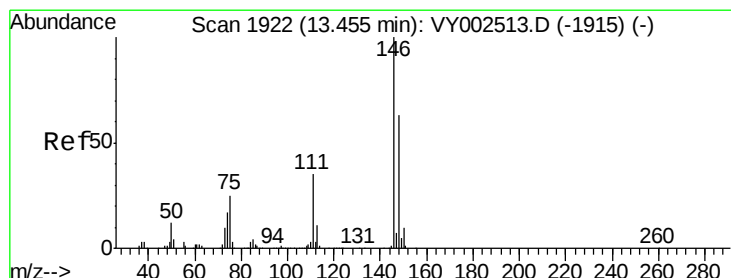
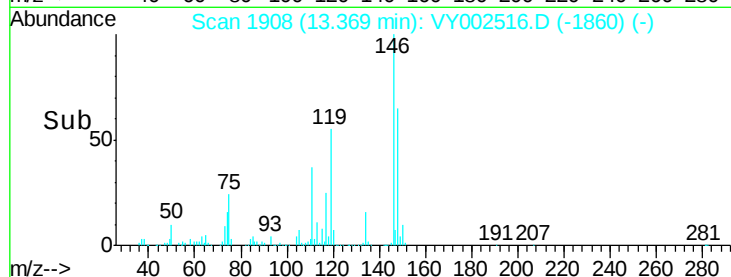
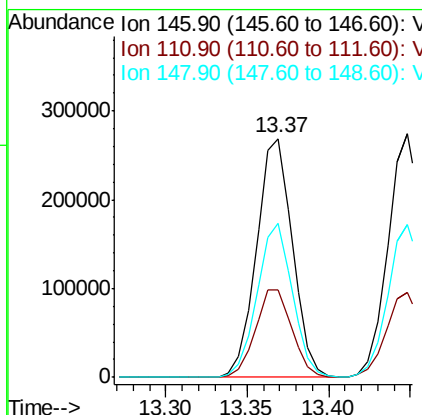
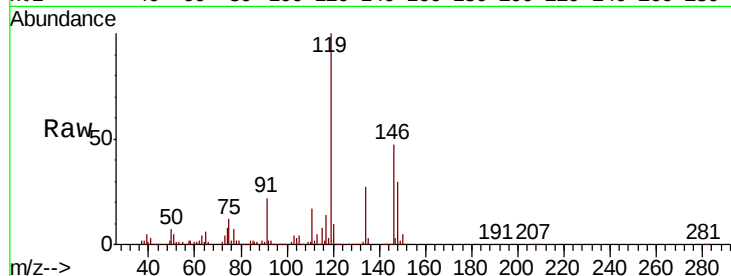
Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 411462

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	63.4	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 53.232 ug/l

RT: 13.45 min Scan# 1921

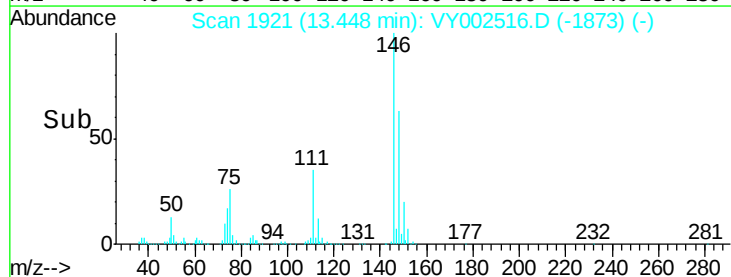
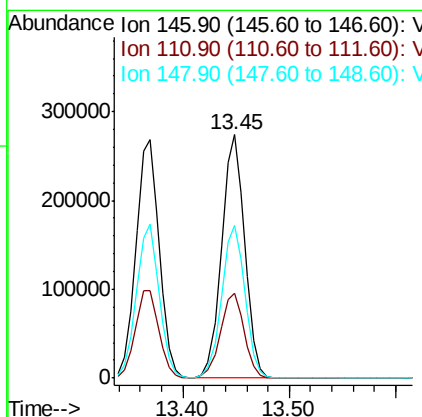
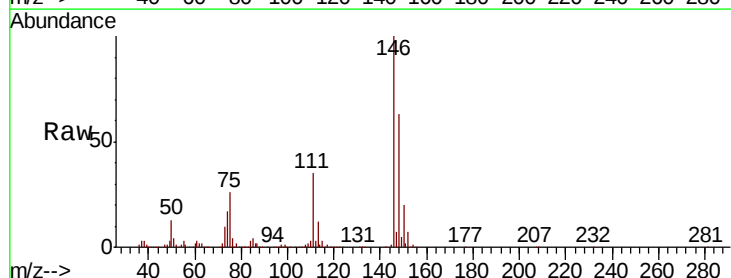
Delta R.T. -0.01 min

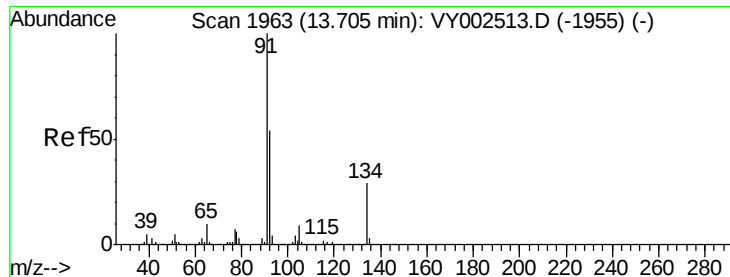
Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Tgt Ion:146 Resp: 413893

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	63.4	31.9	95.5





#89

n-Butylbenzene

Concen: 53.030 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002516.D

Acq: 30 Apr 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

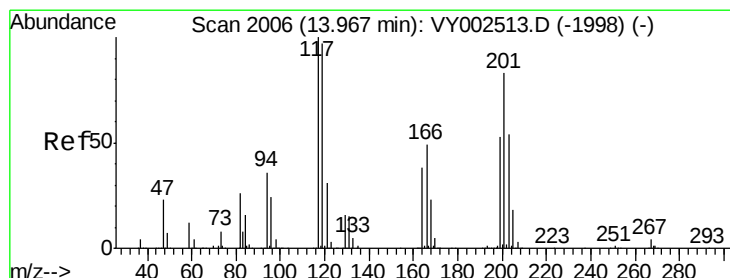
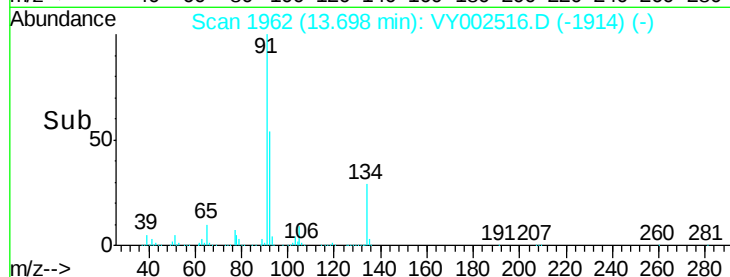
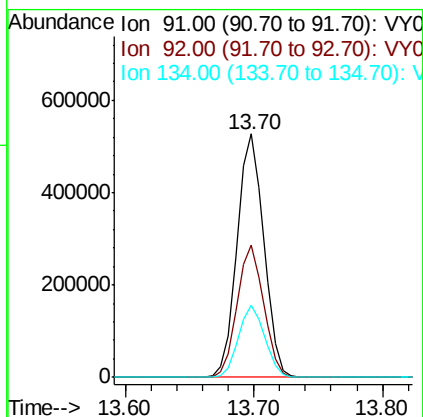
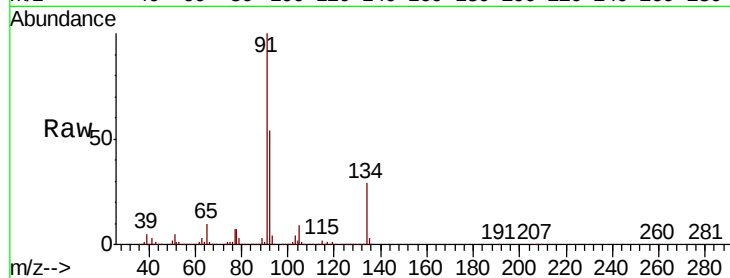
Tot Ion: 91 Resp: 757573

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.3

134 28.9 14.4 43.0



#90

Hexachloroethane

Concen: 52.996 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002516.D

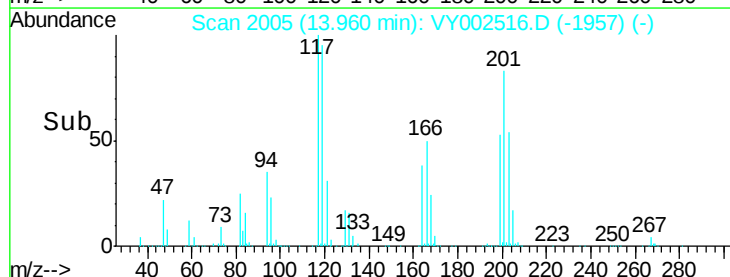
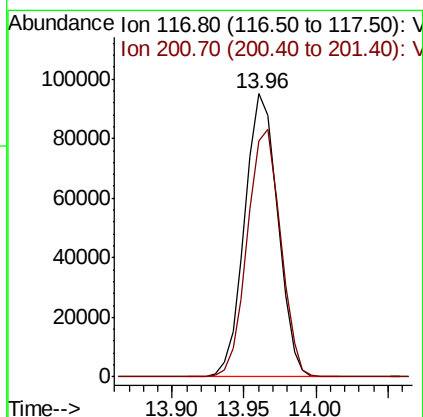
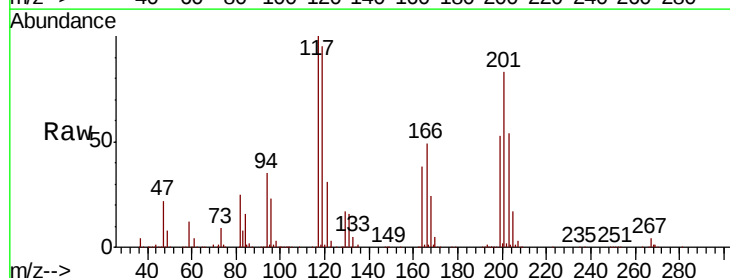
Acq: 30 Apr 2020 16:48

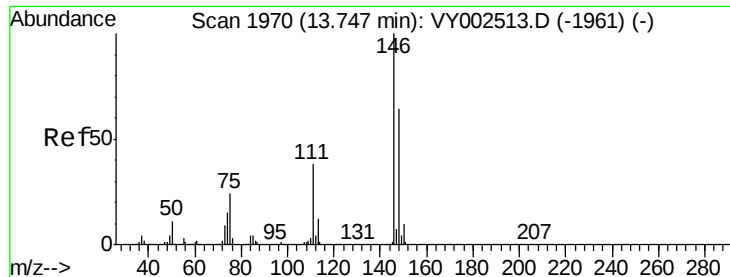
Tgt Ion: 117 Resp: 151450

Ion Ratio Lower Upper

117 100

201 87.4 44.4 133.2

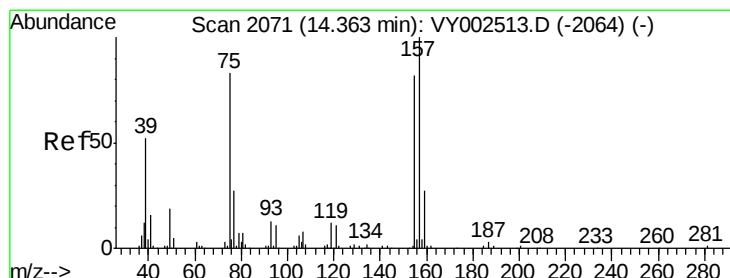
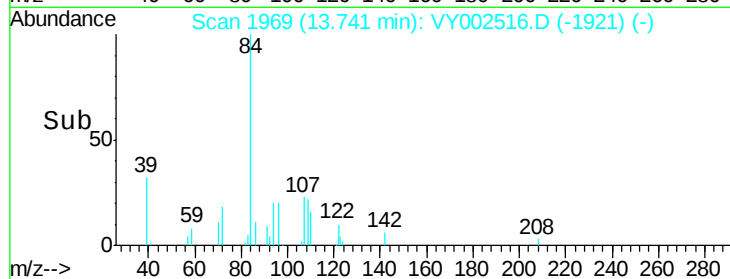
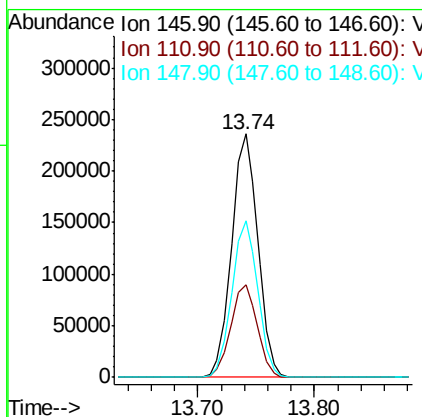
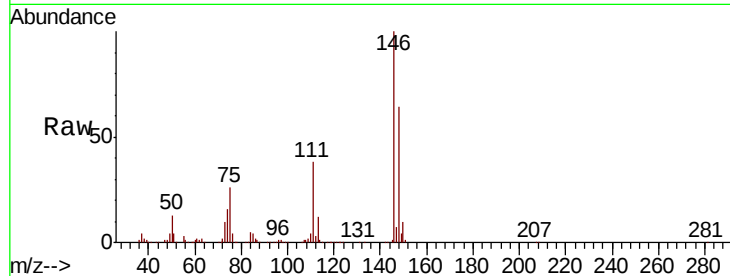




#91
 1,2-Dichlorobenzene
 Concen: 52.872 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

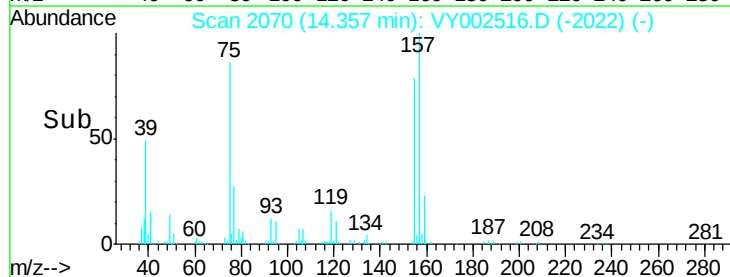
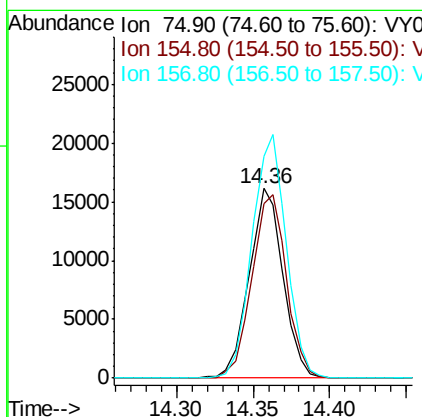
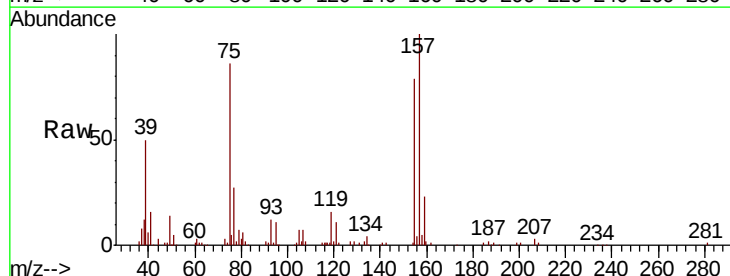
Instrument :
 MSVOA_Y
 ClientSampleId :

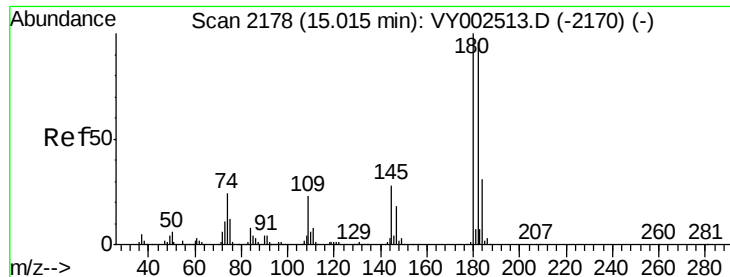
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.483 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	51.3	153.9
157	129.5	65.0	195.0

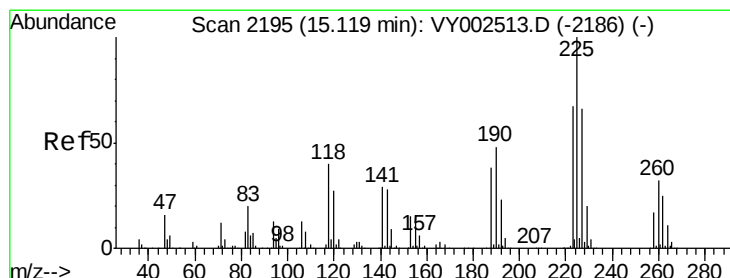
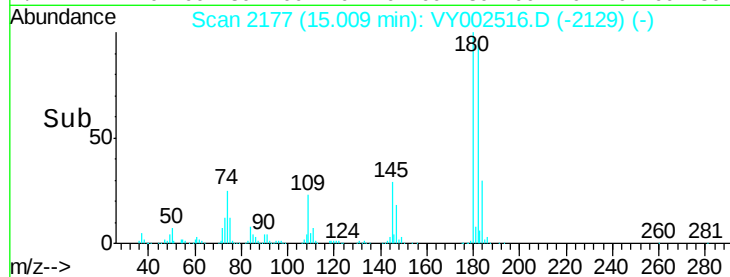
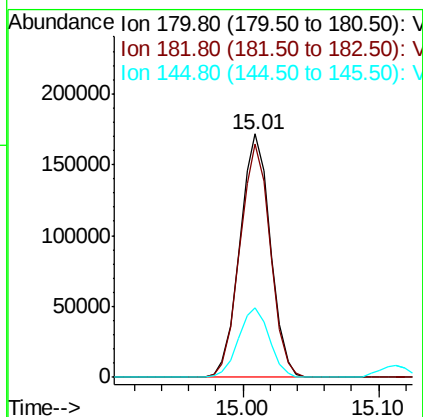
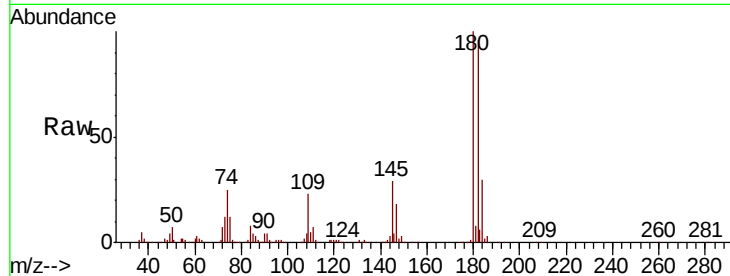




#93
 1,2,4-Trichlorobenzene
 Concen: 52.815 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

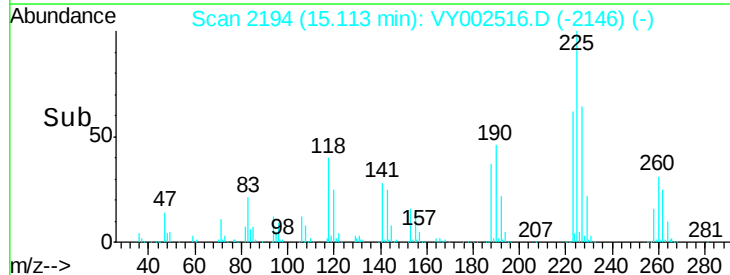
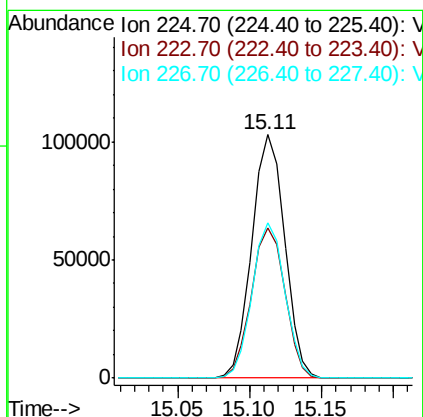
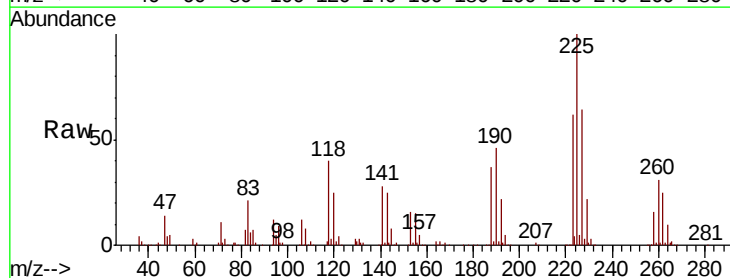
Instrument :
 MSVOA_Y
 ClientSampleId :

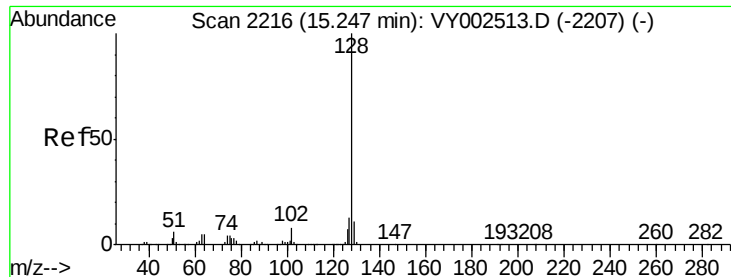
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	28.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 53.089 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002516.D
 Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.5
227	63.6	32.0	96.2

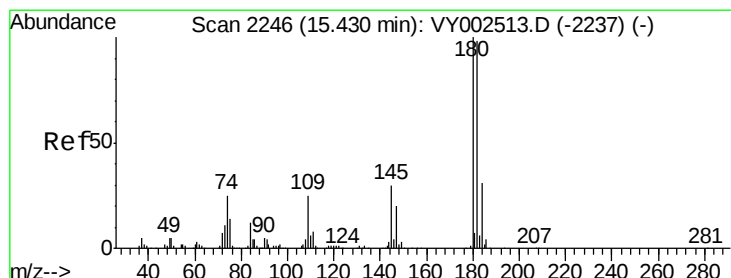
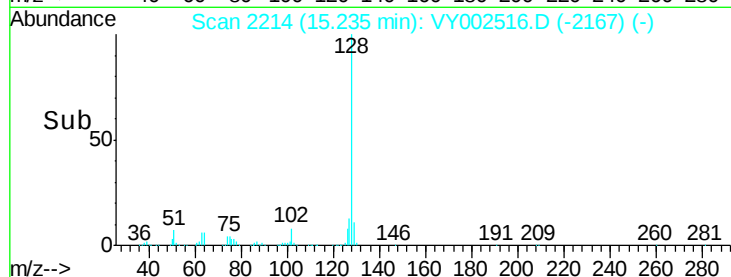
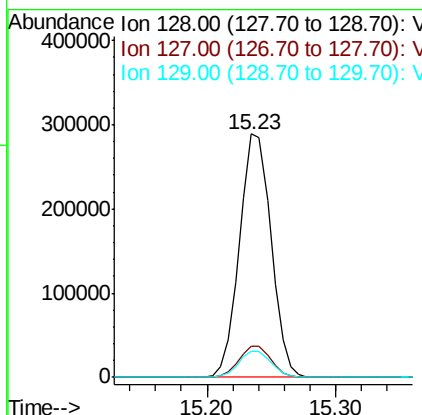
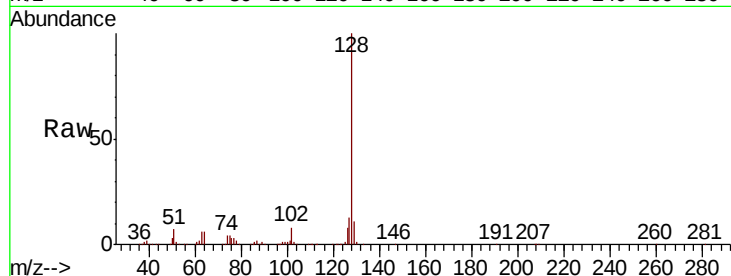




#95
Naphthalene
Concen: 53.044 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.354 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002516.D
Acq: 30 Apr 2020 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	30.5	15.0	45.1

