

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001895.D
 Acq On : 06 Mar 2020 12:41
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	308276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	127008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	89503	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
35) Dibromofluoromethane	7.75	113	86430	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	10.20	98	360782	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.49	95	123114	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	29240	18.895	ug/l	95
3) Chloromethane	2.13	50	45770	21.938	ug/l	99
4) Vinyl Chloride	2.27	62	42344	19.953	ug/l	95
5) Bromomethane	2.67	94	28662	19.561	ug/l	99
6) Chloroethane	2.82	64	26419	19.818	ug/l	95
7) Trichlorofluoromethane	3.15	101	55603	19.319	ug/l	93
8) Diethyl Ether	3.56	74	22297	19.656	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.94	101	36956	19.964	ug/l	99
10) Methyl Iodide	4.13	142	40077	18.721	ug/l	98
11) Tert butyl alcohol	4.99	59	26361	130.769	ug/l #	90
12) 1,1-Dichloroethene	3.91	96	37150	19.931	ug/l	99
13) Acrolein	3.76	56	22417	89.134	ug/l	95
14) Allyl chloride	4.52	41	64513	19.524	ug/l	98
15) Acrylonitrile	5.21	53	52951	87.356	ug/l	98
16) Acetone	3.98	43	41360	79.344	ug/l	95
17) Carbon Disulfide	4.23	76	119278	19.036	ug/l	98
18) Methyl Acetate	4.52	43	22790	17.015	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	93735	18.557	ug/l	92
20) Methylene Chloride	4.76	84	45847	20.522	ug/l	95
21) trans-1,2-Dichloroethene	5.27	96	41748	19.733	ug/l	98
22) Diisopropyl ether	6.16	45	135081	19.943	ug/l	99
23) Vinyl Acetate	6.10	43	411833	92.747	ug/l	100
24) 1,1-Dichloroethane	6.07	63	72849	19.861	ug/l	97
25) 2-Butanone	7.03	43	66343	83.691	ug/l	99
26) 2,2-Dichloropropane	7.02	77	60823	20.203	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	45767	19.888	ug/l	99
28) Bromochloromethane	7.37	49	32928	19.916	ug/l	98
29) Tetrahydrofuran	7.38	42	43928	83.448	ug/l	99
30) Chloroform	7.54	83	68708	19.938	ug/l	95
31) Cyclohexane	7.82	56	76307	19.402	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	57348	19.744	ug/l	100
36) 1,1-Dichloropropene	7.95	75	57885	19.513	ug/l	100
37) Ethyl Acetate	7.11	43	31464	18.249	ug/l	98
38) Carbon Tetrachloride	7.93	117	47890	18.898	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	77339	19.656	ug/l	97
40) Benzene	8.19	78	172370	19.603	ug/l	99
41) Methacrylonitrile	7.38	41	40056	51.623	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	43288	19.105	ug/l	99
43) Isopropyl Acetate	8.30	43	56778	17.393	ug/l	99
44) Trichloroethene	8.97	130	41163	19.222	ug/l	96
45) 1,2-Dichloropropane	9.24	63	43687	19.765	ug/l	96
46) Dibromomethane	9.33	93	21497	18.873	ug/l	98
47) Bromodichloromethane	9.52	83	50705	19.136	ug/l	99
48) Methyl methacrylate	9.32	41	24880	17.177	ug/l	94
49) 1,4-Dioxane	9.32	88	5022	321.760	ug/l #	78
51) 4-Methyl-2-Pentanone	10.09	43	151858	90.318	ug/l	99
52) Toluene	10.26	92	104468	19.558	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	53946	18.687	ug/l	95
54) cis-1,3-Dichloropropene	9.95	75	66130	19.243	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	30971	18.579	ug/l	95
56) Ethyl methacrylate	10.52	69	43699	17.884	ug/l	95
57) 1,3-Dichloropropane	10.81	76	55210	18.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	117798	121.371	ug/l	100
59) 2-Hexanone	10.85	43	98960	82.461	ug/l	98
60) Dibromochloromethane	11.00	129	32967	18.768	ug/l	100
61) 1,2-Dibromoethane	11.11	107	28964	18.343	ug/l	99
64) Tetrachloroethene	10.74	164	33084	19.314	ug/l	97
65) Chlorobenzene	11.53	112	106621	19.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	35106	19.669	ug/l	98
67) Ethyl Benzene	11.61	91	198031	19.509	ug/l	99
68) m/p-Xylenes	11.71	106	149280	39.779	ug/l	99
69) o-Xylene	12.04	106	70304	19.876	ug/l	98
70) Styrene	12.06	104	120264	19.852	ug/l	100
71) Bromoform	12.22	173	17057	17.622	ug/l #	98
73) Isopropylbenzene	12.34	105	188345	19.426	ug/l	99
74) N-amyl acetate	12.16	43	51639	17.330	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	36730	17.567	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47649	31.618	ug/l #	100
77) Bromobenzene	12.62	156	39900	19.424	ug/l	97
78) n-propylbenzene	12.68	91	235720	19.707	ug/l	100
79) 2-Chlorotoluene	12.77	91	127978	19.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	157129	19.686	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	12952	17.360	ug/l	99
82) 4-Chlorotoluene	12.86	91	135198	19.649	ug/l	99
83) tert-Butylbenzene	13.08	119	129292	19.503	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	157156	19.840	ug/l	99
85) sec-Butylbenzene	13.27	105	192570	19.707	ug/l	99
86) p-Isopropyltoluene	13.38	119	168212	19.955	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	79691	19.797	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	78433	19.207	ug/l	97
89) n-Butylbenzene	13.70	91	173458	19.834	ug/l	99
90) Hexachloroethane	13.97	117	30654	19.277	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	71502	19.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5360	16.429	ug/l	98

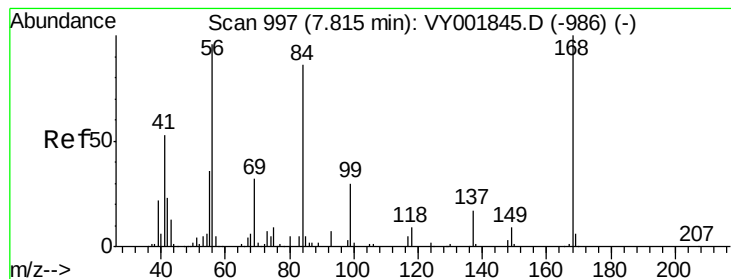
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46531	19.620	ug/l	98
94) Hexachlorobutadiene	15.13	225	23424	20.259	ug/l	98
95) Naphthalene	15.25	128	97624	17.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	40107	19.197	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

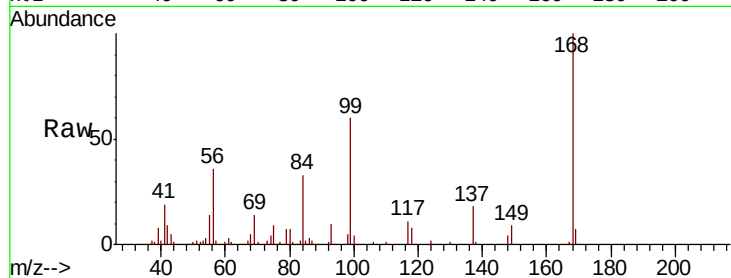
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 167645

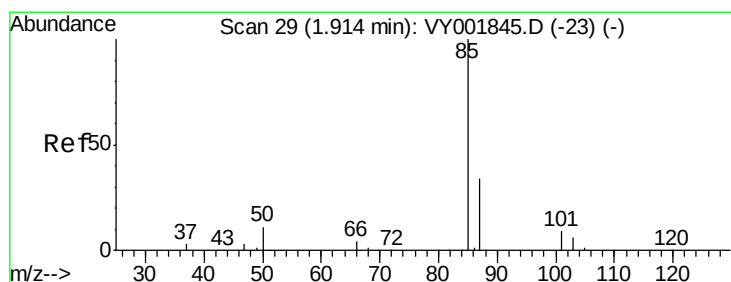
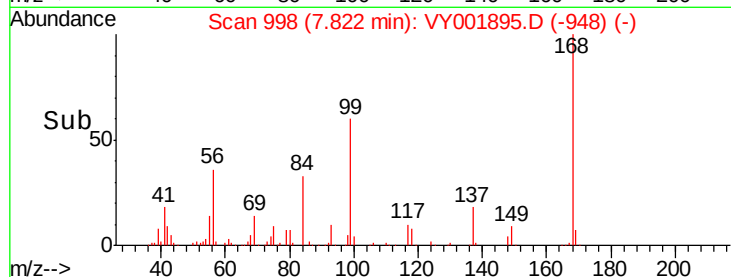
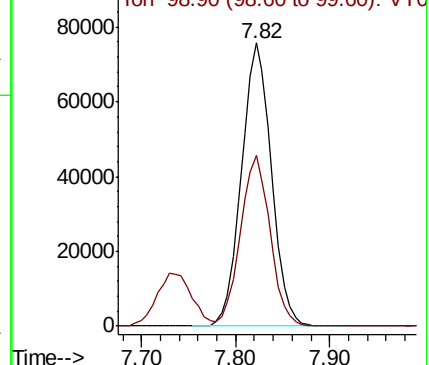
Ion Ratio Lower Upper

168 100

99 60.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001895.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 18.895 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001895.D

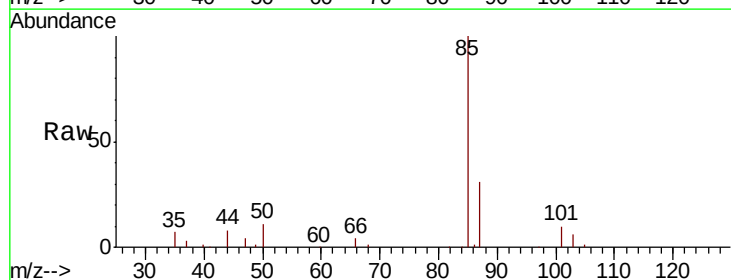
Acq: 06 Mar 2020 12:41

Tgt Ion: 85 Resp: 29240

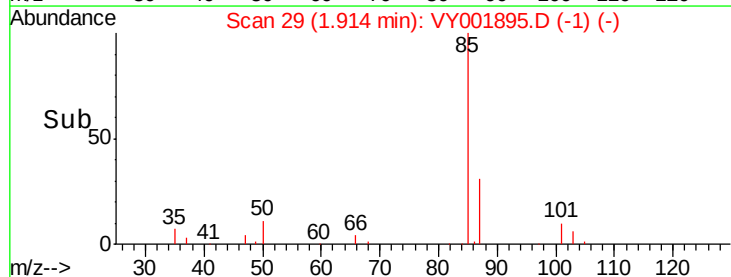
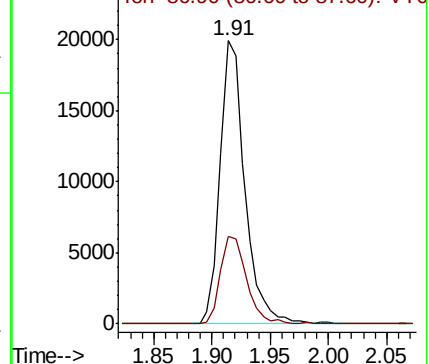
Ion Ratio Lower Upper

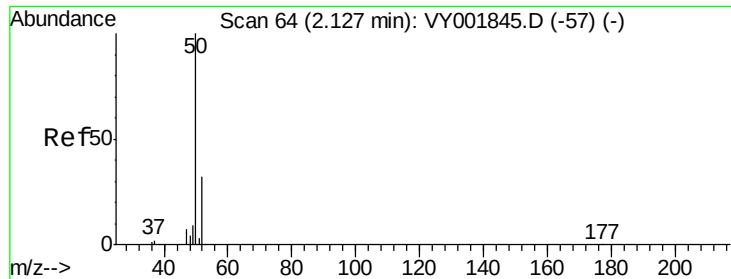
85 100

87 30.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001895.D (-1) (-)





#3

Chloromethane

Concen: 21.938 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

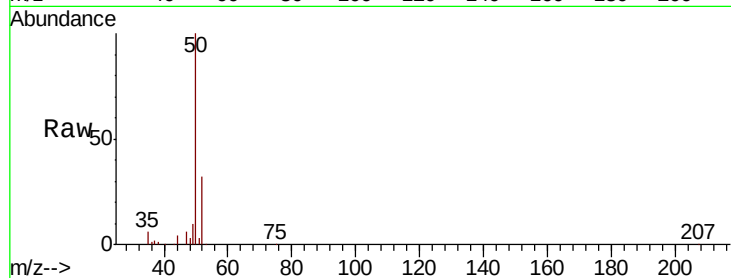
ClientSampleId :

Tot Ion: 50 Resp: 45770

Ion Ratio Lower Upper

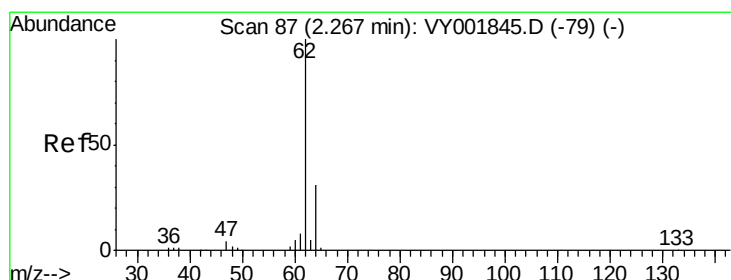
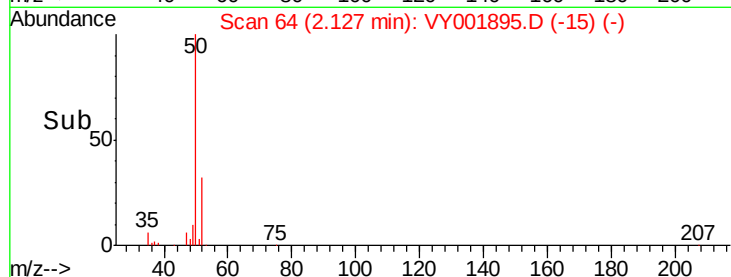
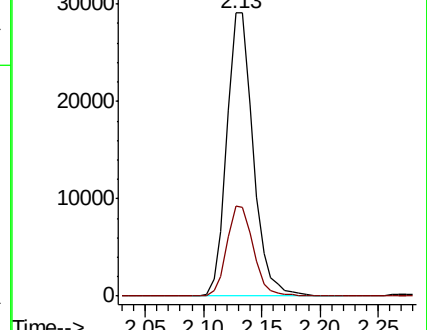
50 100

52 31.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001845.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY001895.D (-15) (-)



#4

Vinyl Chloride

Concen: 19.953 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001895.D

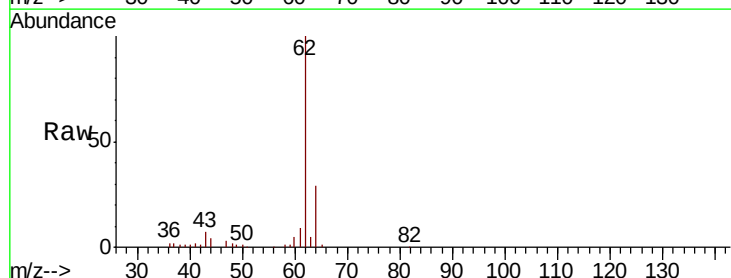
Acq: 06 Mar 2020 12:41

Tgt Ion: 62 Resp: 42344

Ion Ratio Lower Upper

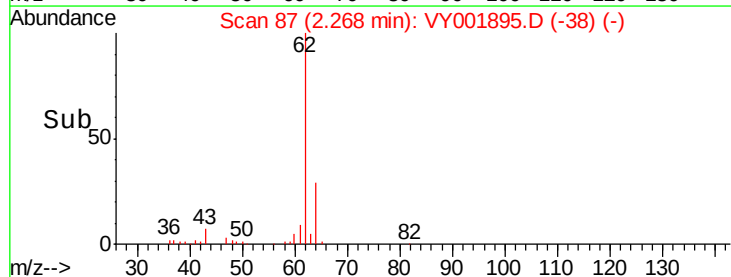
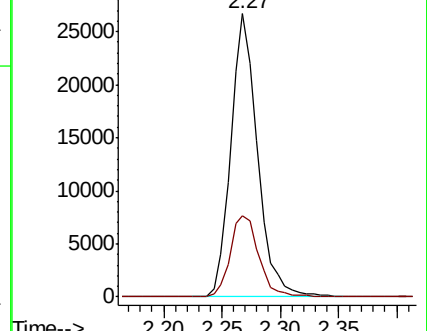
62 100

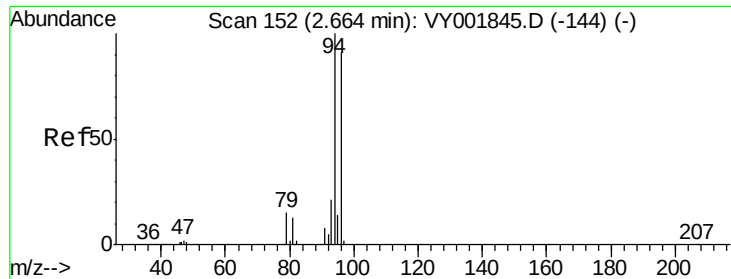
64 28.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY001845.D (-79) (-)

Ion 63.90 (63.60 to 64.60): VY001895.D (-38) (-)





#5

Bromomethane

Concen: 19.561 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

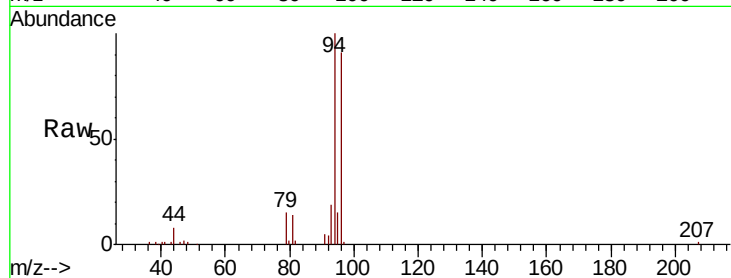
ClientSampleId :

Tot Ion: 94 Resp: 28662

Ion Ratio Lower Upper

94 100

96 90.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.67

15000

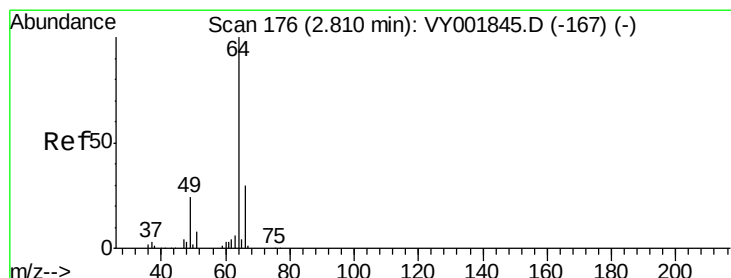
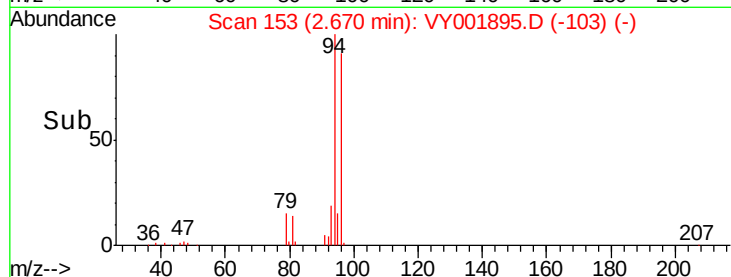
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 19.818 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001895.D

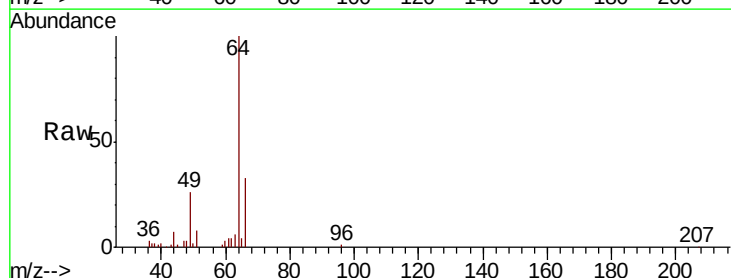
Acq: 06 Mar 2020 12:41

Tgt Ion: 64 Resp: 26419

Ion Ratio Lower Upper

64 100

66 32.7 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.82

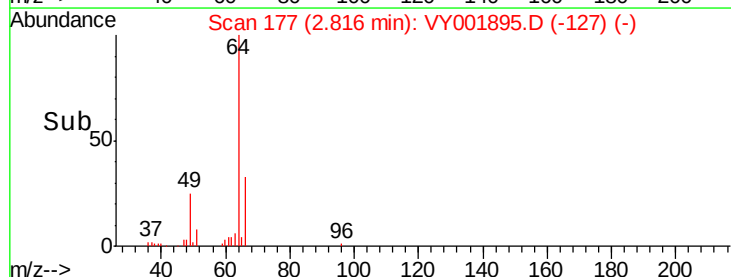
10000

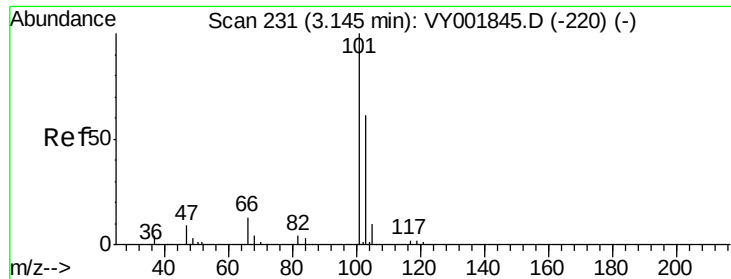
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95



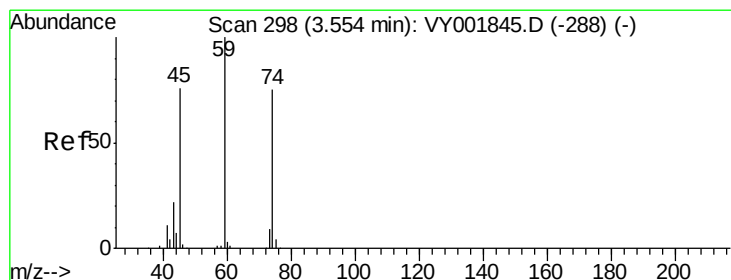
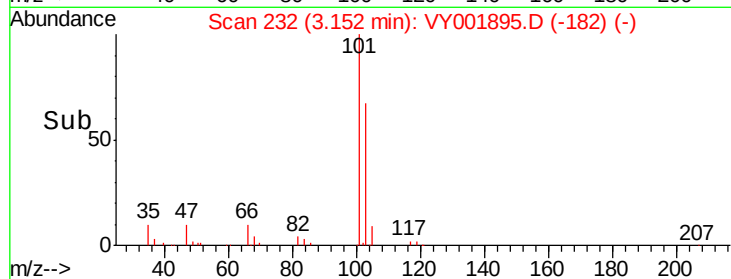
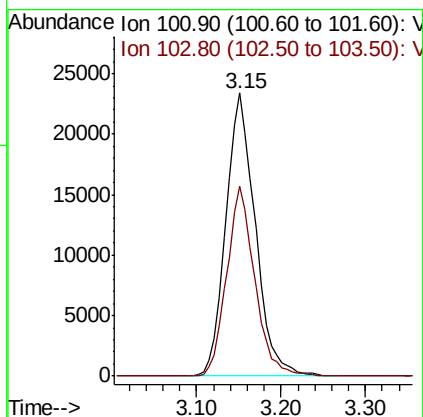
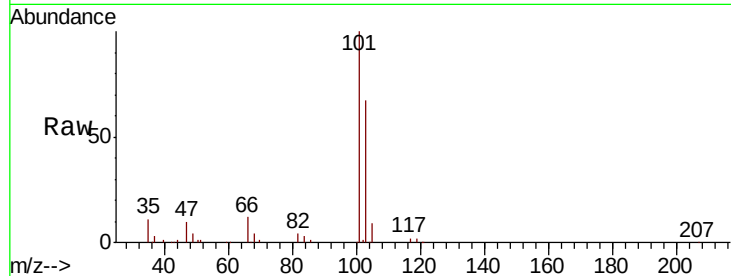


#7

Trichlorofluoromethane
Concen: 19.319 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampled :

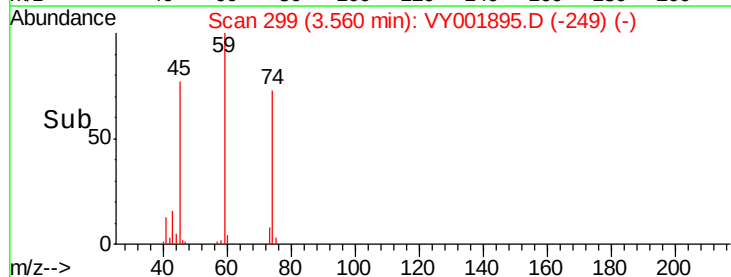
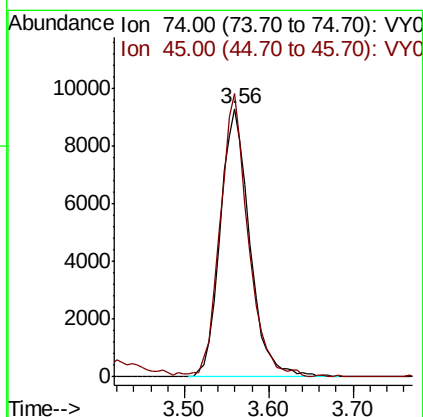
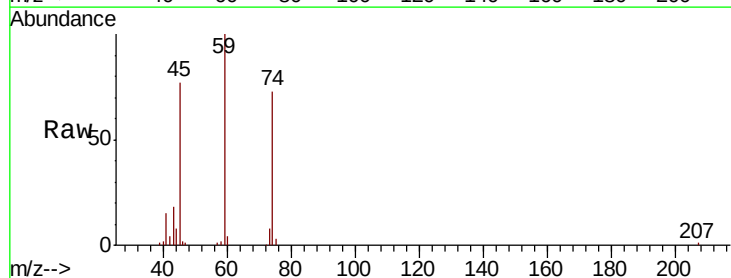
Tot Ion:101 Resp: 55603
Ion Ratio Lower Upper
101 100
103 67.1 49.1 73.7

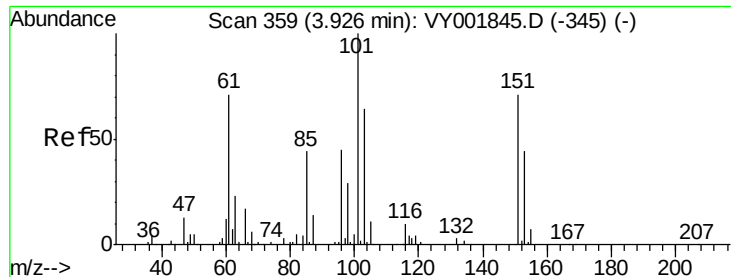


#8

Diethyl Ether
Concen: 19.656 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 74 Resp: 22297
Ion Ratio Lower Upper
74 100
45 101.1 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.964 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

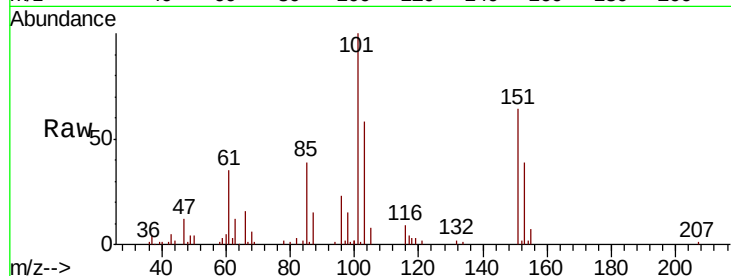
Tot Ion:101 Resp: 36956

Ion Ratio Lower Upper

101 100

85 43.6 35.3 52.9

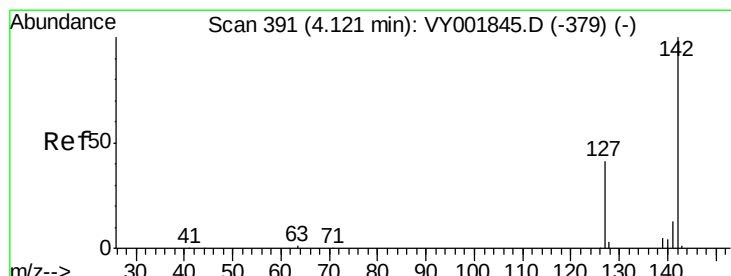
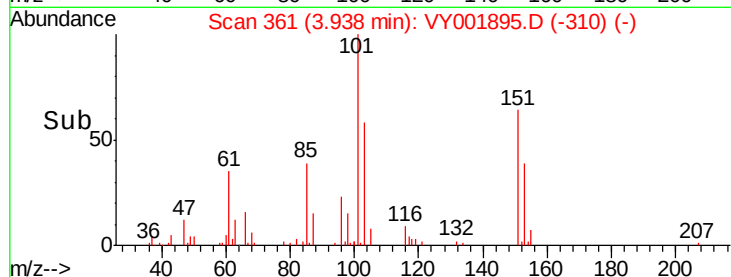
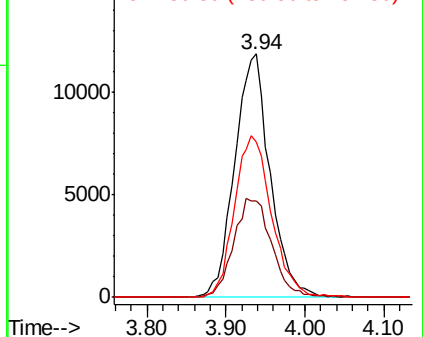
151 69.8 57.0 85.4



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: 18.721 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

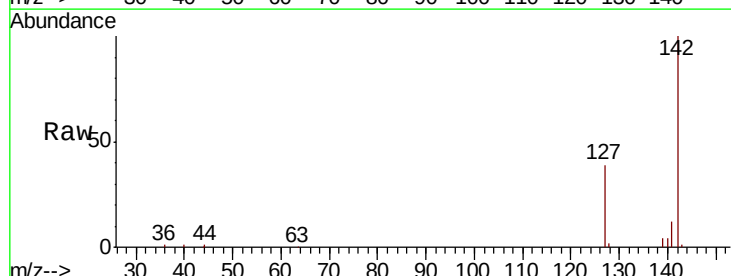
Tgt Ion:142 Resp: 40077

Ion Ratio Lower Upper

142 100

127 40.2 32.7 49.1

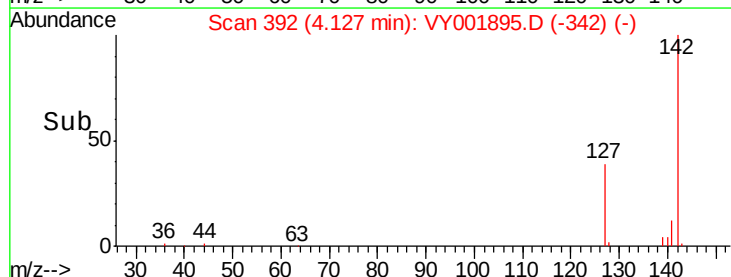
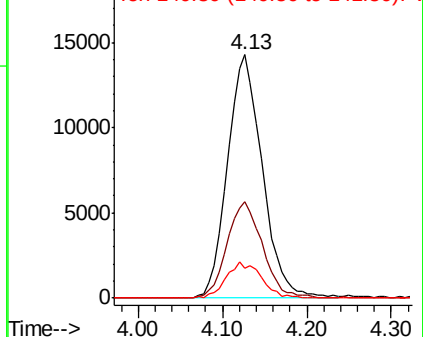
141 15.0 11.0 16.6

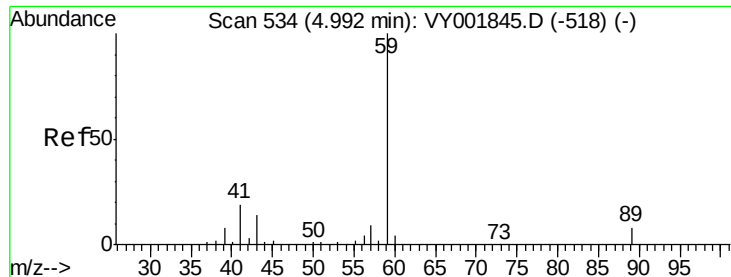


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

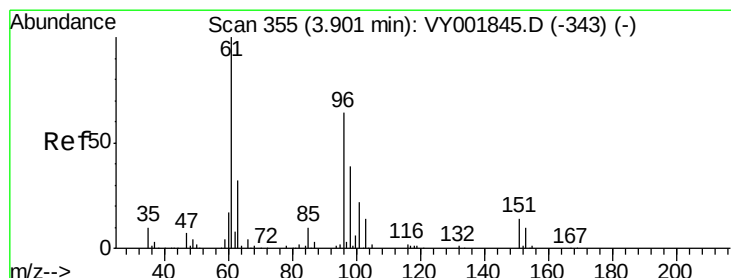
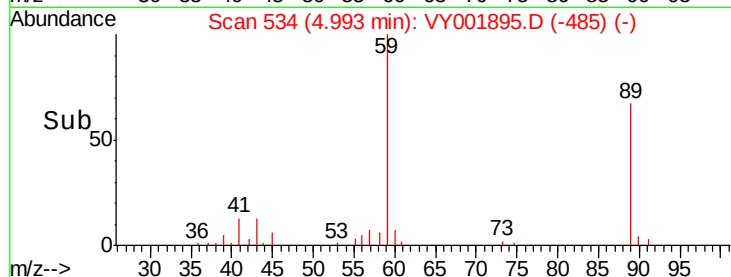
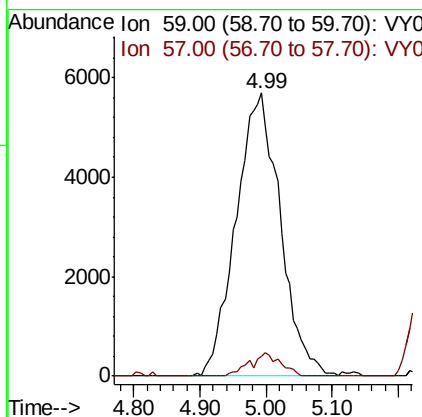
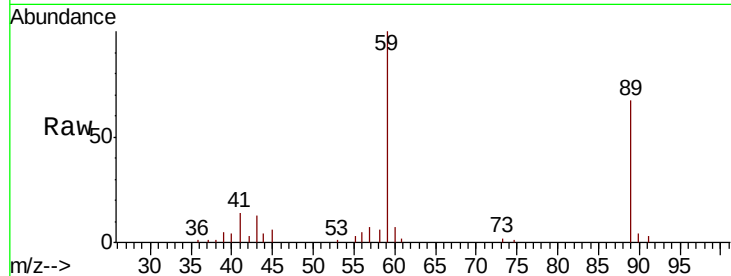




#11
Tert butyl alcohol
Concen: 130.769 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

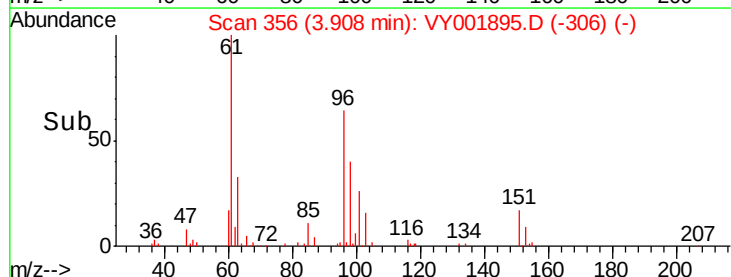
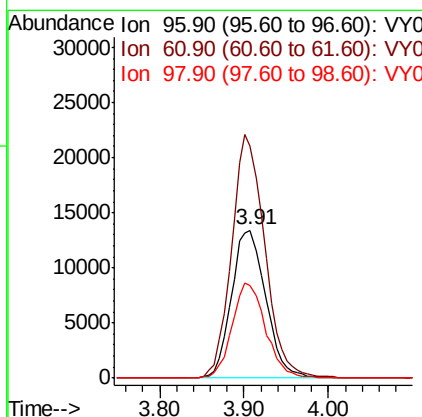
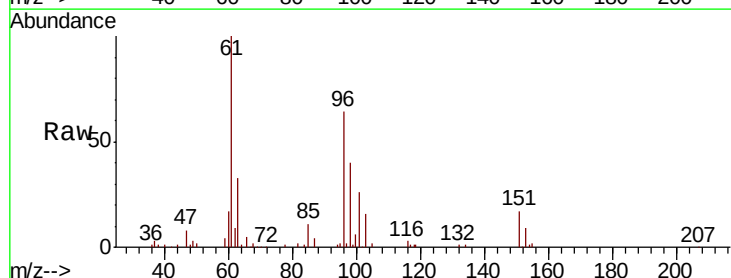
Instrument :
MSVOA_Y
ClientSampleId :

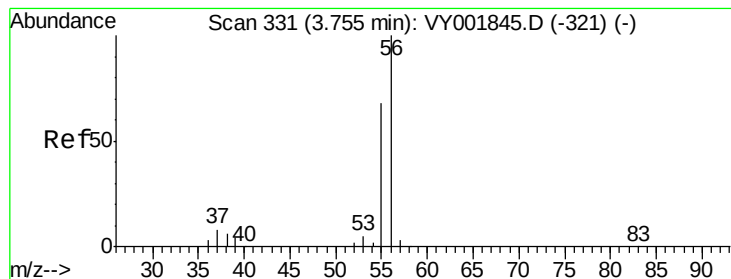
Tot Ion: 59 Resp: 26361
Ion Ratio Lower Upper
59 100
57 5.8 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 19.931 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 96 Resp: 37150
Ion Ratio Lower Upper
96 100
61 157.2 124.8 187.2
98 62.2 49.2 73.8





#13

Acrolein

Concen: 89.134 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

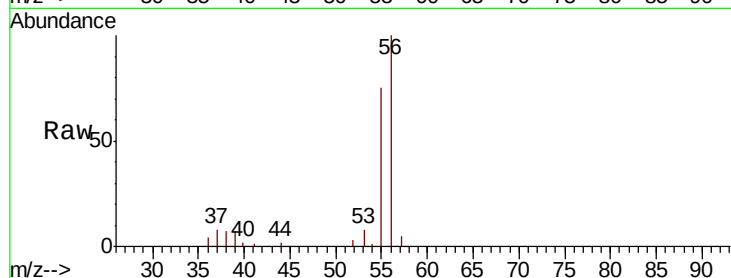
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 22417

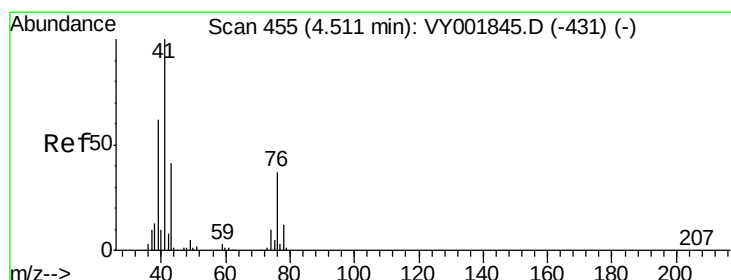
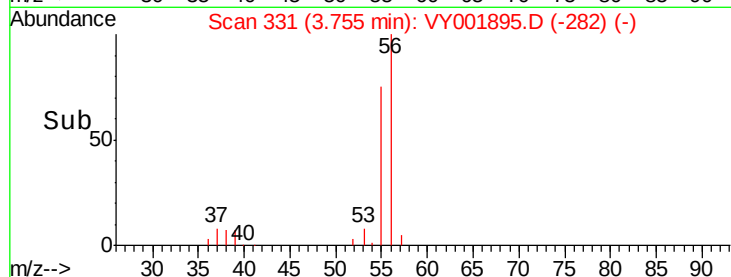
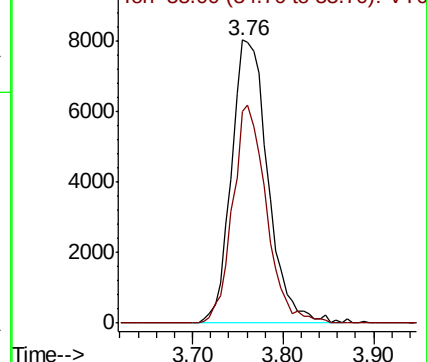
Ion Ratio Lower Upper

56 100

55 71.2 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.524 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

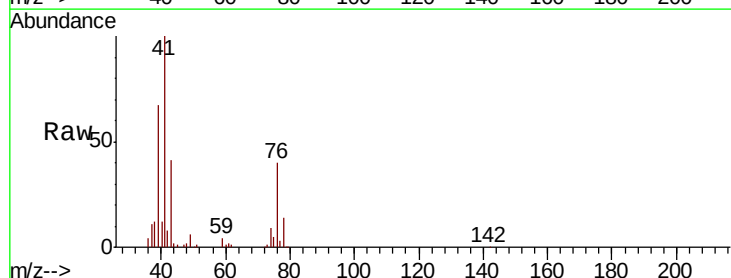
Tgt Ion: 41 Resp: 64513

Ion Ratio Lower Upper

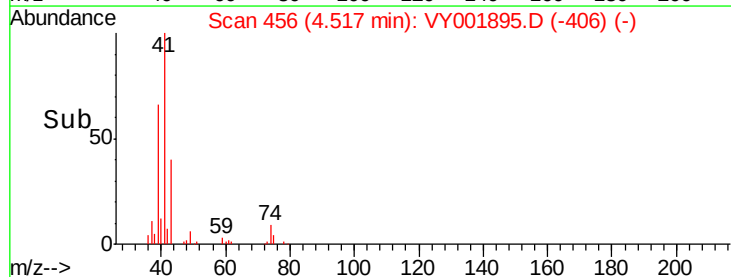
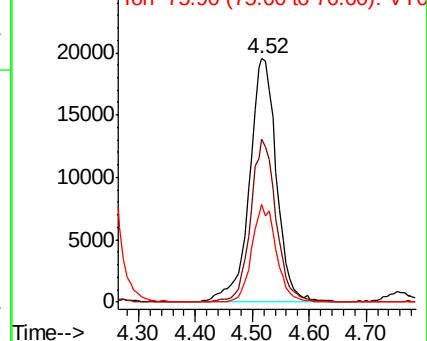
41 100

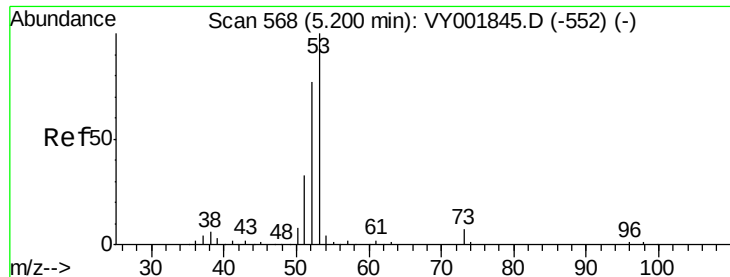
39 62.9 49.0 73.6

76 35.7 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 87.356 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

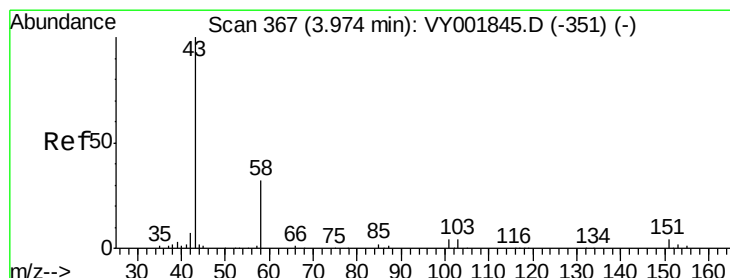
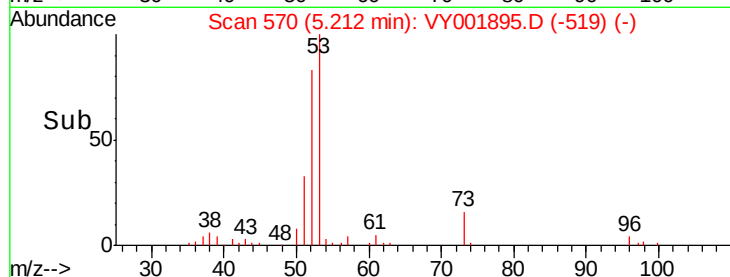
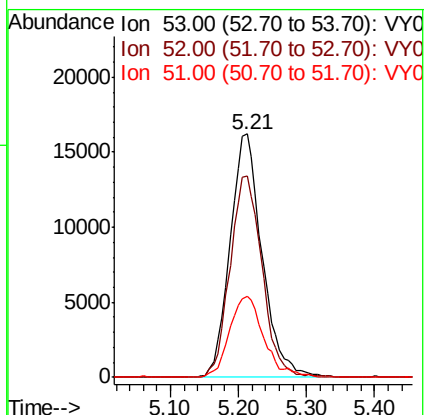
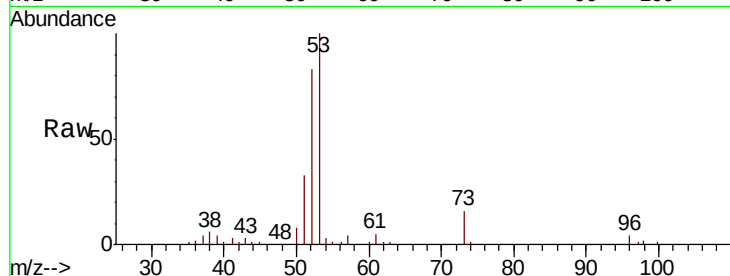
Tot Ion: 53 Resp: 52951

Ion Ratio Lower Upper

53 100

52 82.7 65.1 97.7

51 35.8 27.5 41.3



#16

Acetone

Concen: 79.344 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001895.D

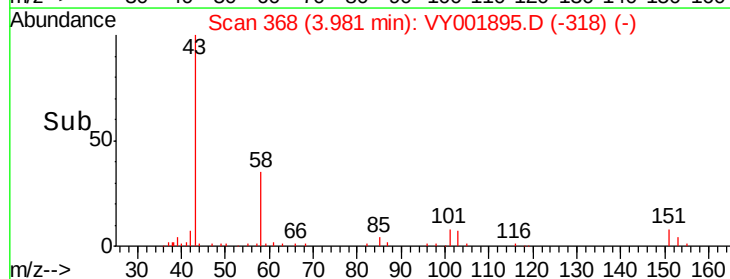
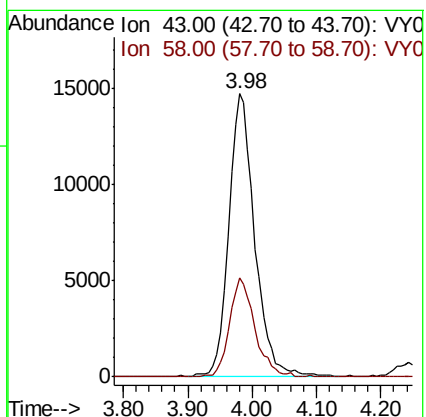
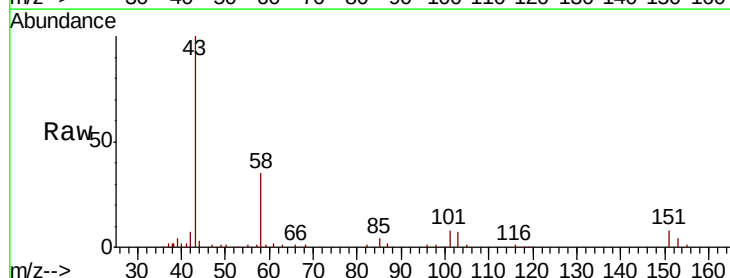
Acq: 06 Mar 2020 12:41

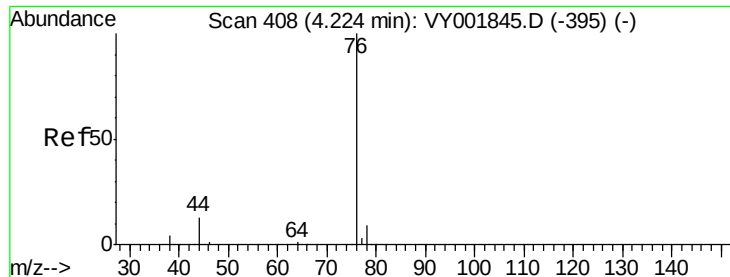
Tgt Ion: 43 Resp: 41360

Ion Ratio Lower Upper

43 100

58 35.1 25.9 38.9





#17

Carbon Disulfide

Concen: 19.036 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

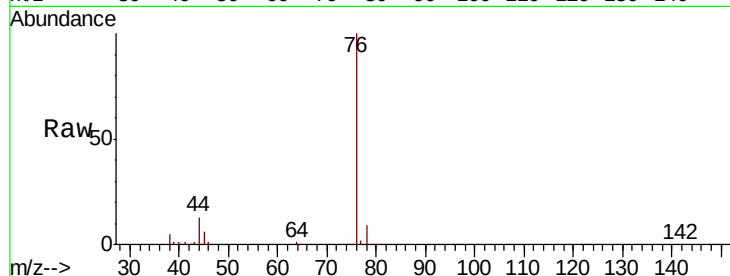
ClientSampleId :

Tot Ion: 76 Resp: 119278

Ion Ratio Lower Upper

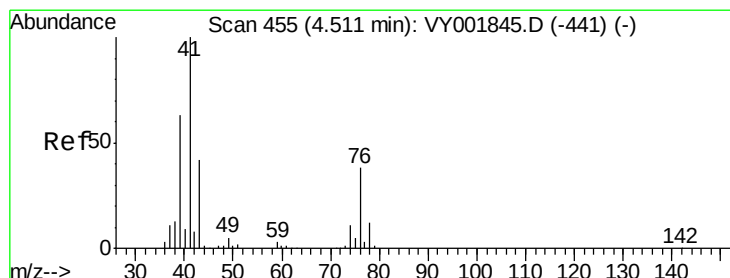
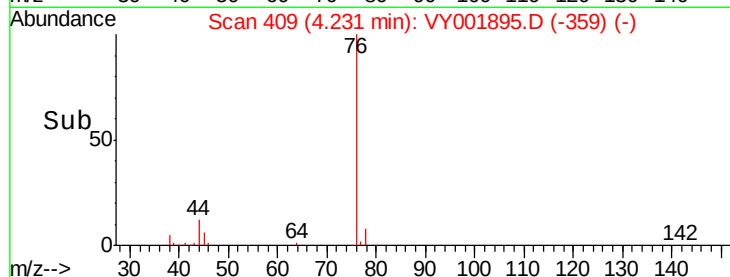
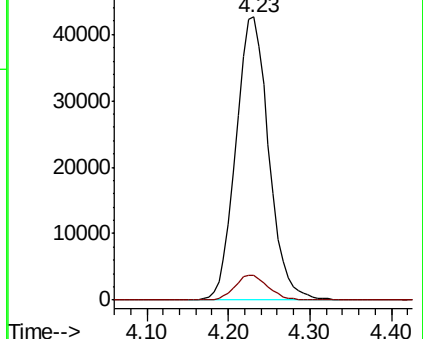
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.015 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001895.D

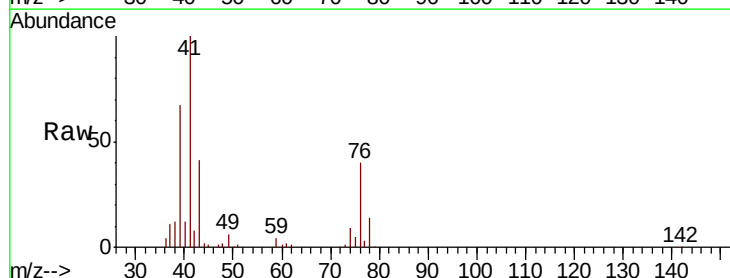
Acq: 06 Mar 2020 12:41

Tgt Ion: 43 Resp: 22790

Ion Ratio Lower Upper

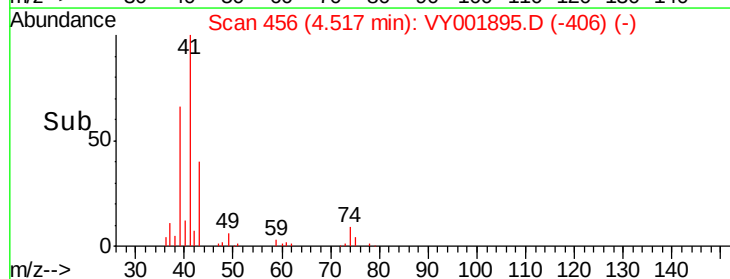
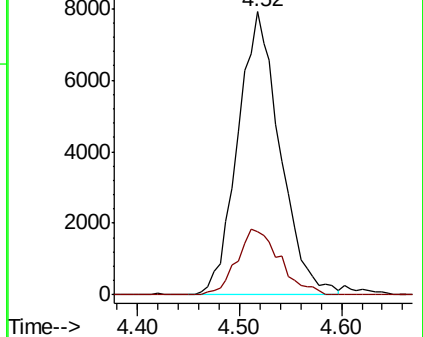
43 100

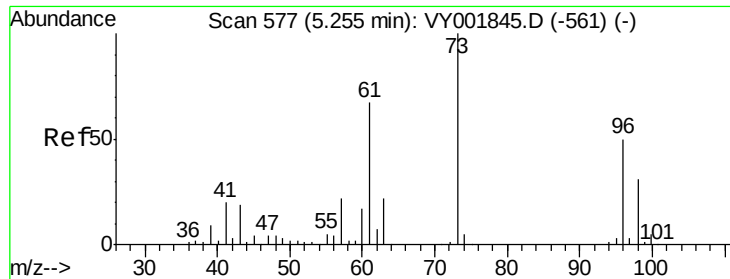
74 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

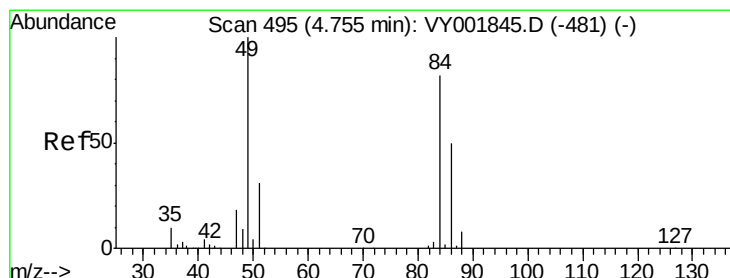
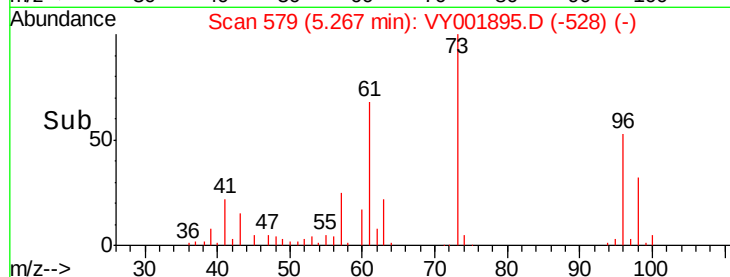
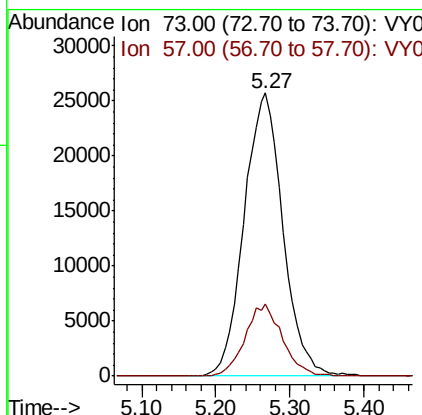
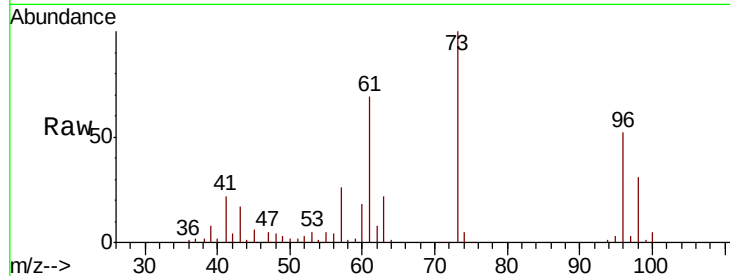




#19
Methyl tert-butyl Ether
Concen: 18.557 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

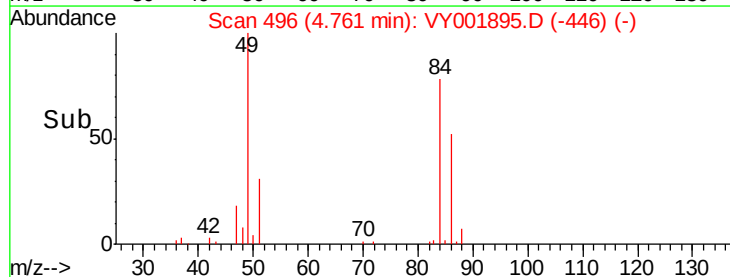
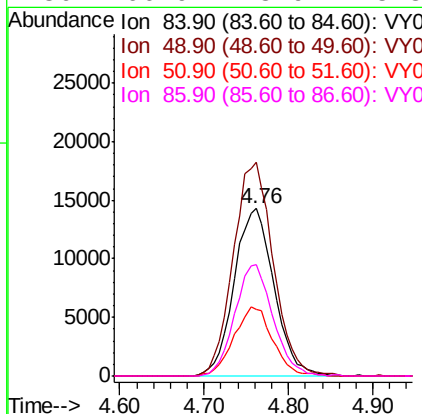
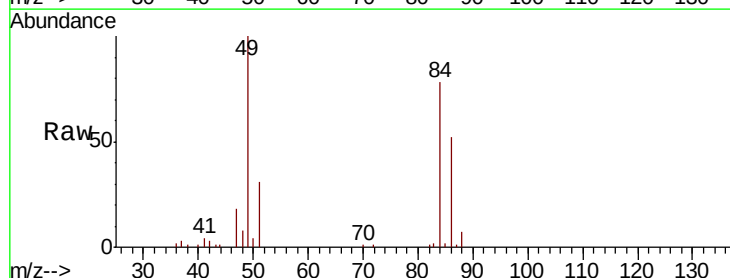
Instrument :
MSVOA_Y
ClientSampled :

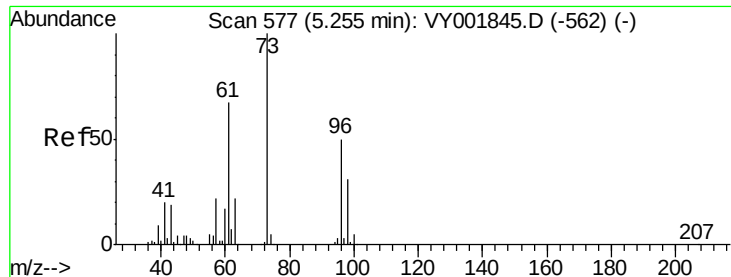
Tot Ion: 73 Resp: 93735
Ion Ratio Lower Upper
73 100
57 25.5 17.4 26.2



#20
Methylene Chloride
Concen: 20.522 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 84 Resp: 45847
Ion Ratio Lower Upper
84 100
49 127.6 98.2 147.2
51 39.4 30.2 45.2
86 66.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.733 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampled :

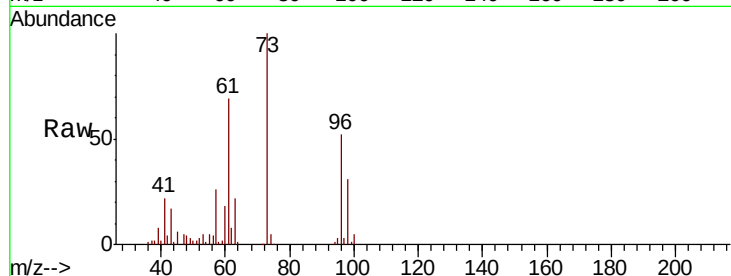
Tot Ion: 96 Resp: 41748

Ion Ratio Lower Upper

96 100

61 132.0 107.7 161.5

98 60.0 49.3 73.9

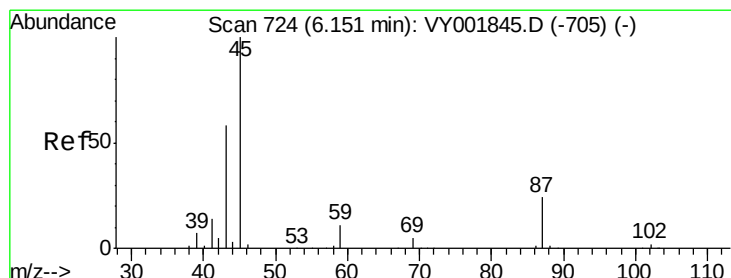
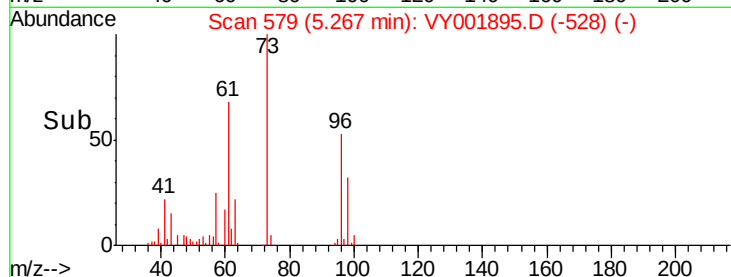
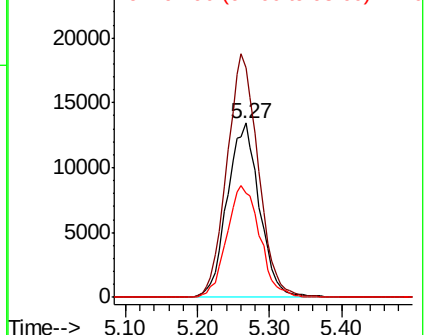


Abundance

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: 19.943 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Tgt Ion: 45 Resp: 135081

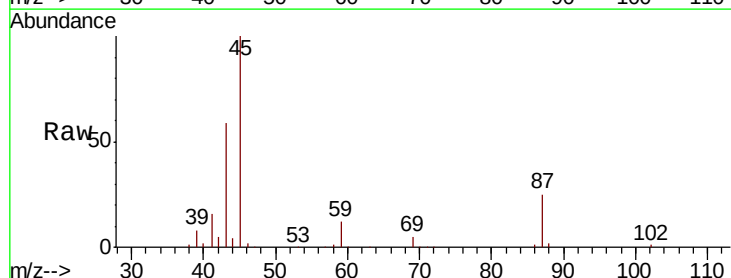
Ion Ratio Lower Upper

45 100

43 58.9 47.2 70.8

87 25.5 19.8 29.8

59 11.6 8.8 13.2



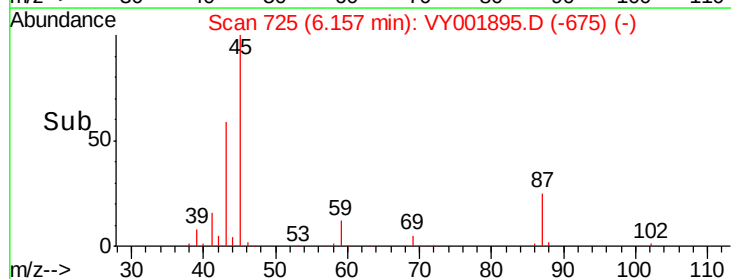
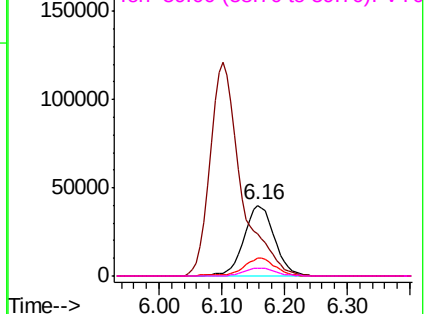
Abundance

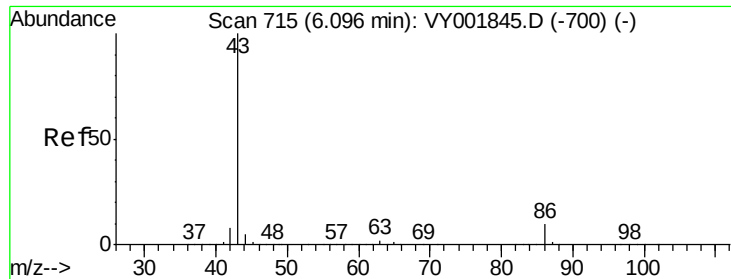
Ion 45.00 (44.70 to 45.70): VY0

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: 92.747 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

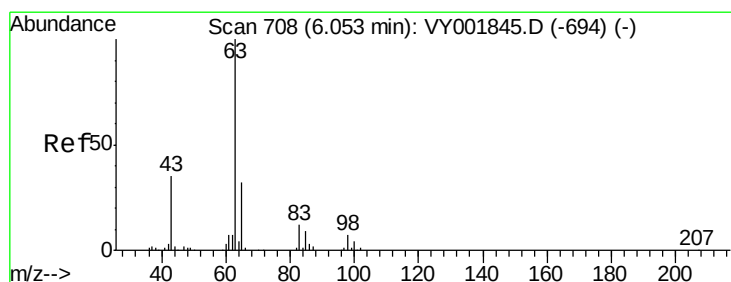
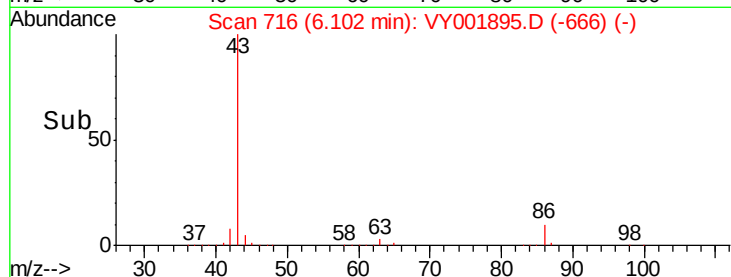
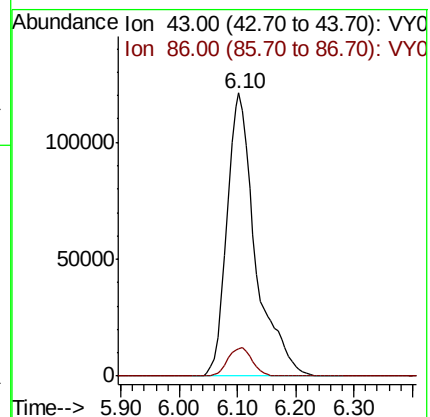
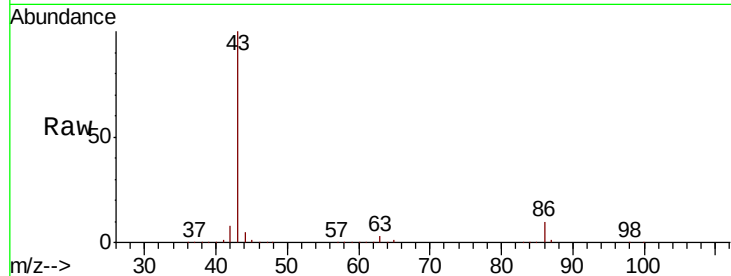
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 411833

Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.861 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

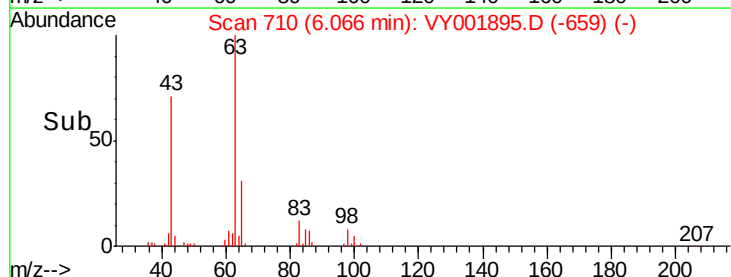
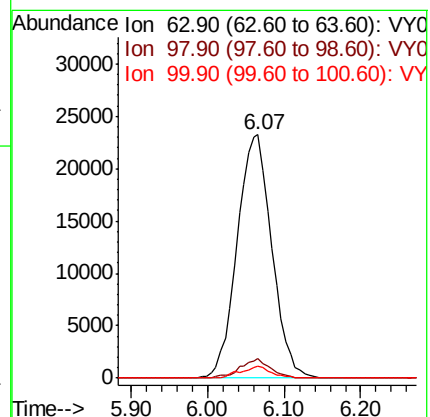
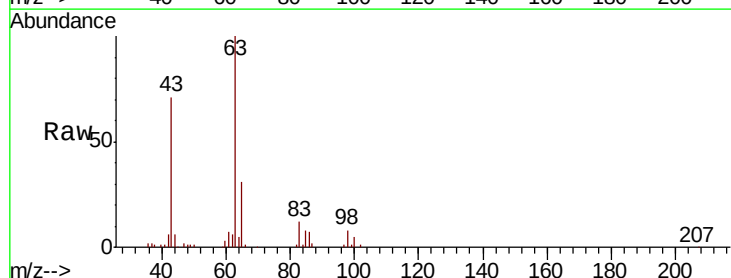
Tgt Ion: 63 Resp: 72849

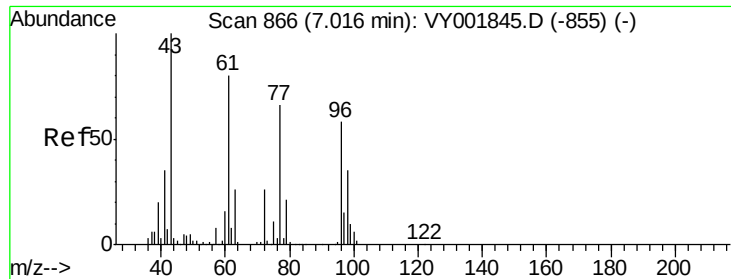
Ion Ratio Lower Upper

63 100

98 8.2 3.4 10.2

100 4.7 2.0 6.0

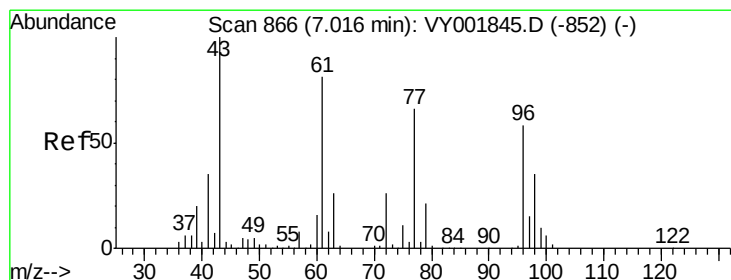
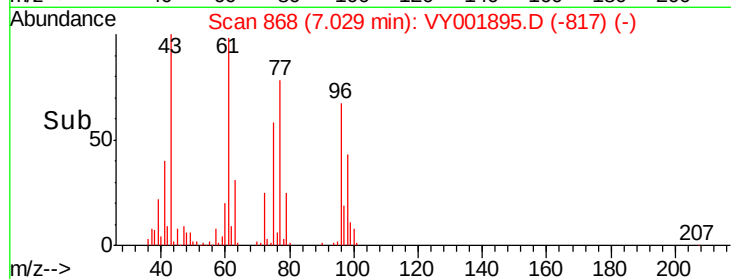
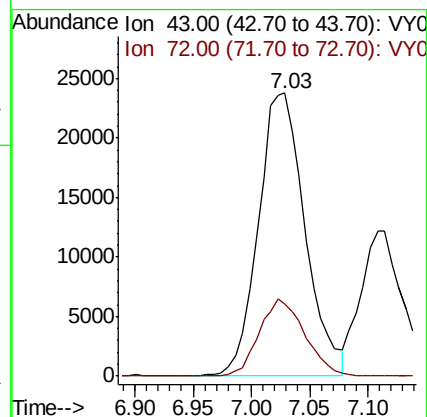
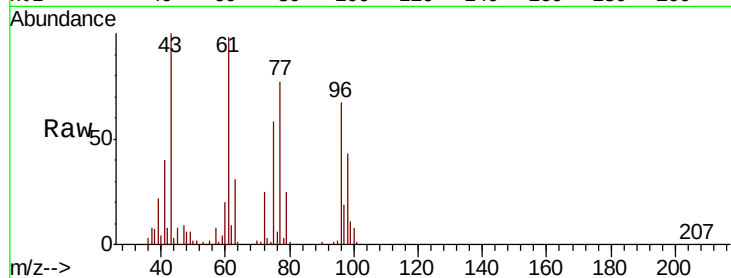




#25
 2-Butanone
 Concen: 83.691 ug/l
 RT: 7.03 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

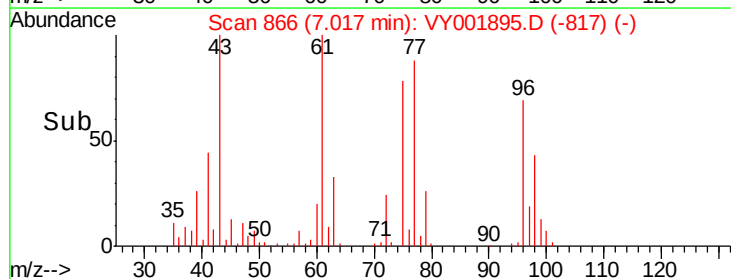
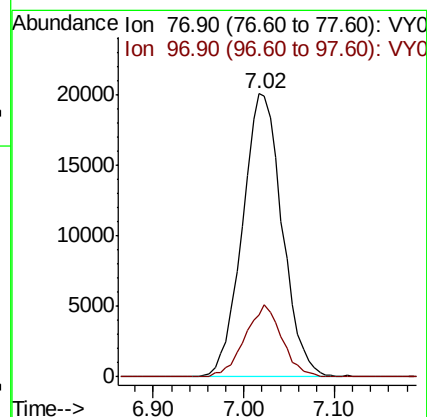
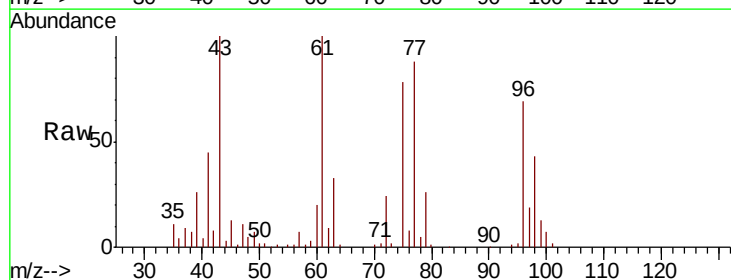
Instrument :
 MSVOA_Y
 ClientSampled :

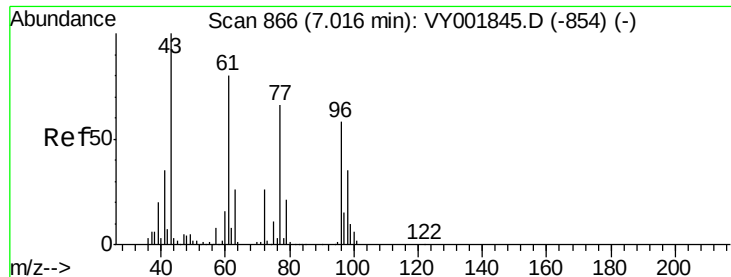
Tot Ion: 43 Resp: 66343
 Ion Ratio Lower Upper
 43 100
 72 25.4 20.9 31.3



#26
 2,2-Dichloropropane
 Concen: 20.203 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

Tgt Ion: 77 Resp: 60823
 Ion Ratio Lower Upper
 77 100
 97 23.6 11.9 35.7



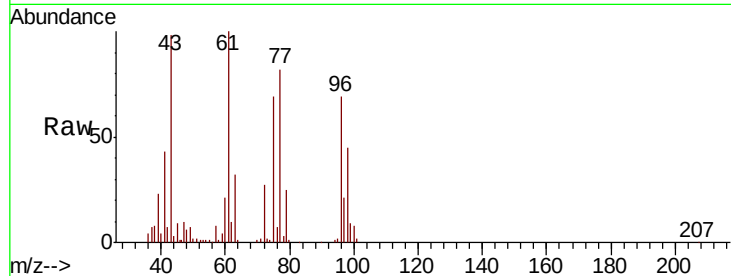


#27

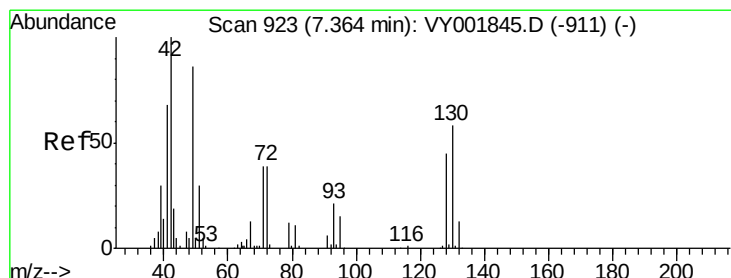
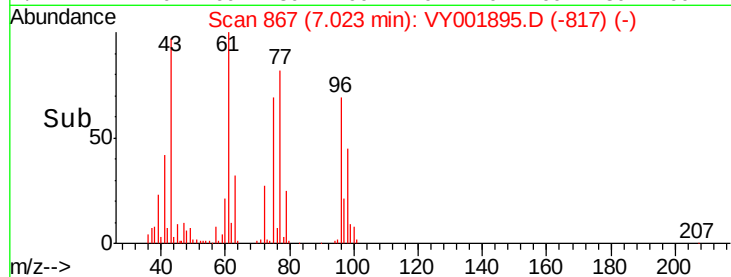
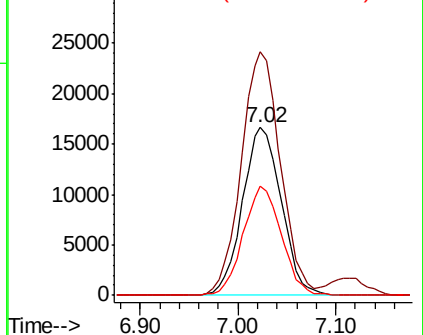
cis-1,2-Dichloroethene
Concen: 19.888 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 45767
Ion Ratio Lower Upper
96 100
61 146.1 0.0 288.2
98 64.1 0.0 129.0



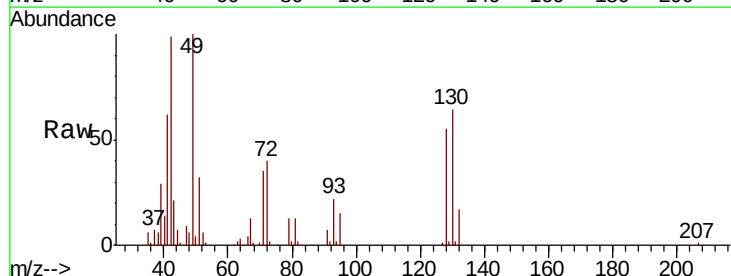
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



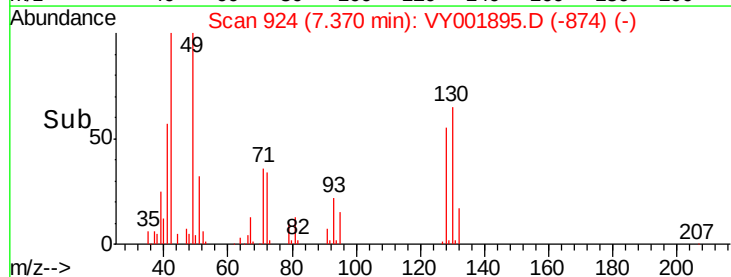
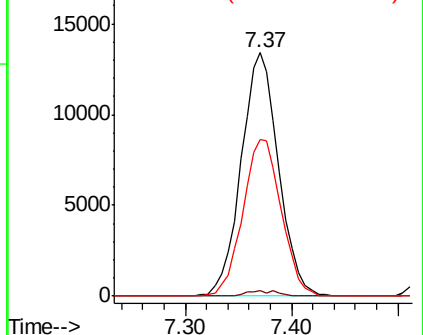
#28

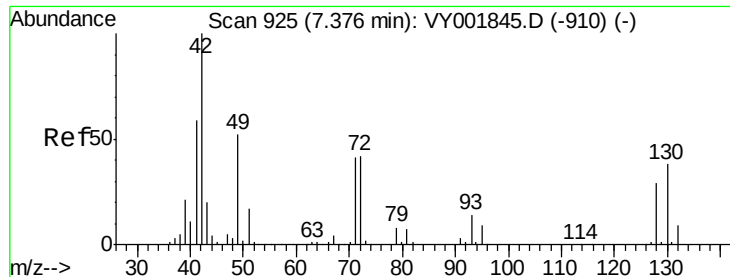
Bromochloromethane
Concen: 19.916 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 49 Resp: 32928
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 66.2 54.4 81.6



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

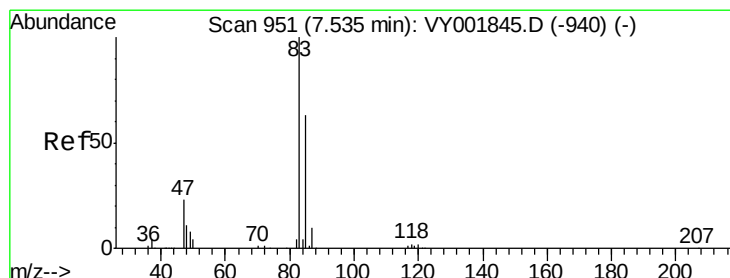
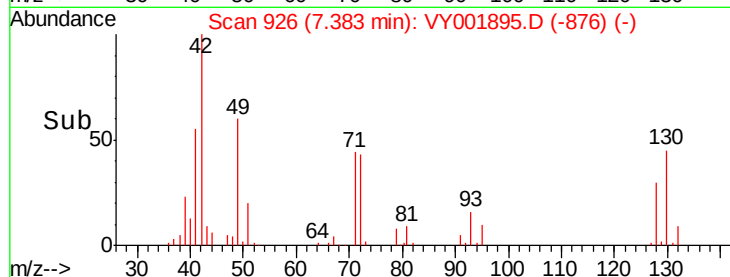
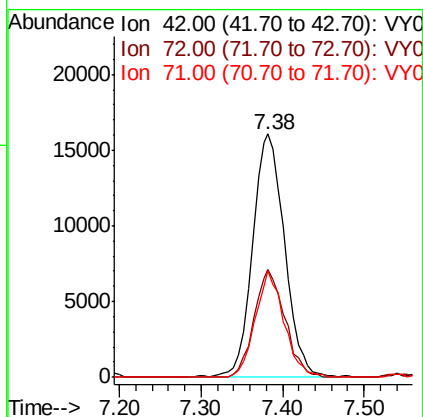
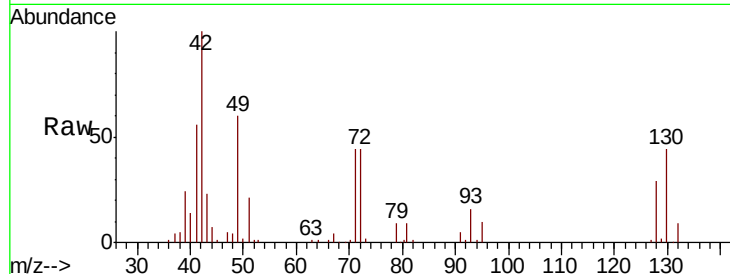




#29
Tetrahydrofuran
Concen: 83.448 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

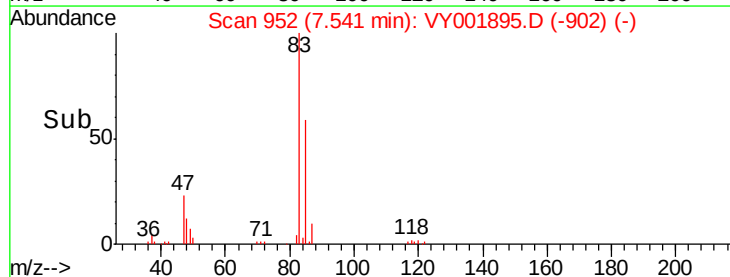
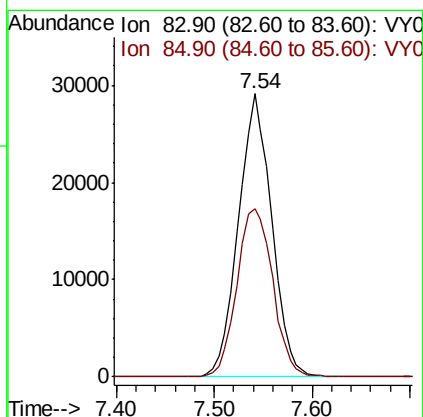
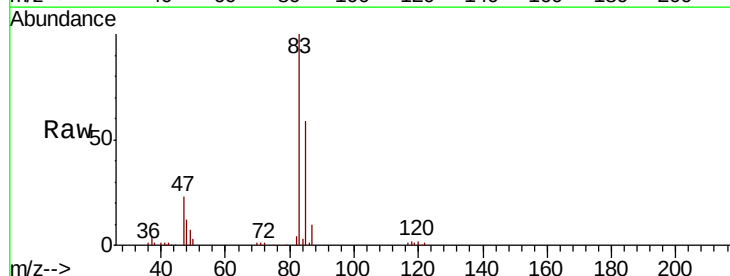
Instrument :
MSVOA_Y
ClientSampled :

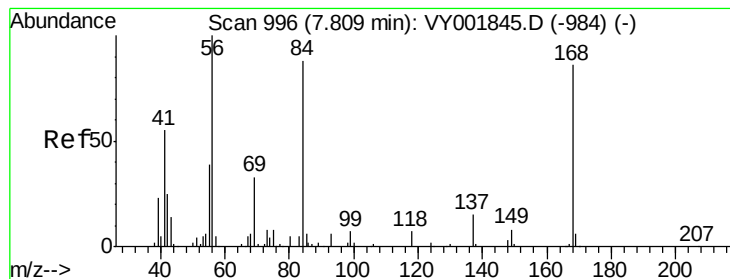
Tot Ion: 42 Resp: 43928
Ion Ratio Lower Upper
42 100
72 42.4 33.5 50.3
71 39.7 31.3 46.9



#30
Chloroform
Concen: 19.938 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 83 Resp: 68708
Ion Ratio Lower Upper
83 100
85 59.2 50.7 76.1





#31

Cyclohexane

Concen: 19.402 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampled :

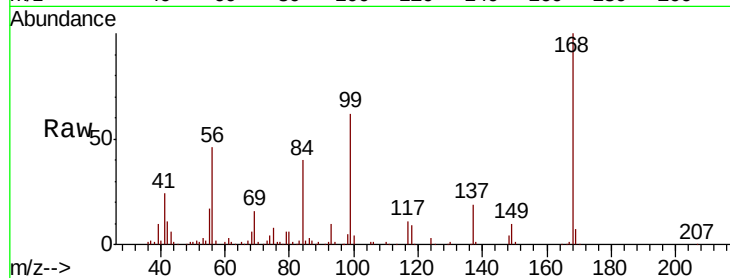
Tot Ion: 56 Resp: 76307

Ion Ratio Lower Upper

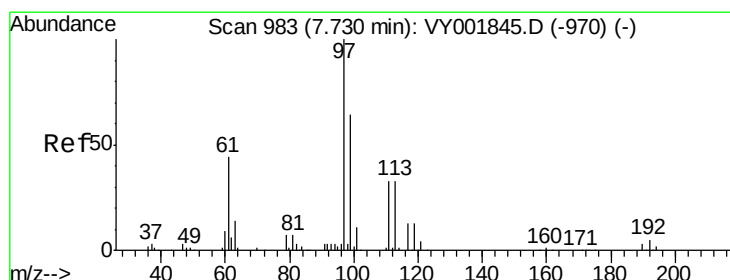
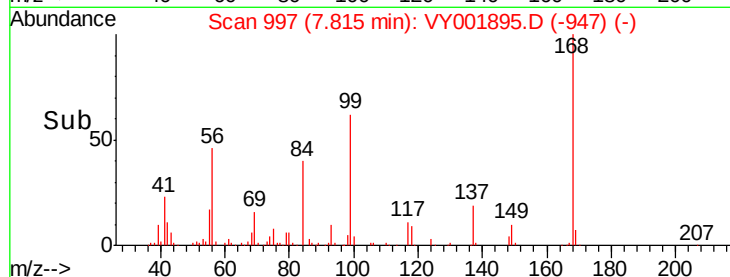
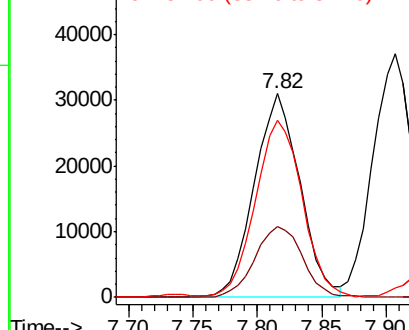
56 100

69 34.5 26.7 40.1

84 85.8 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 19.744 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

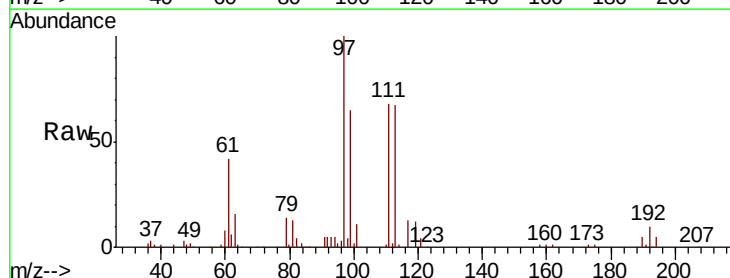
Tgt Ion: 97 Resp: 57348

Ion Ratio Lower Upper

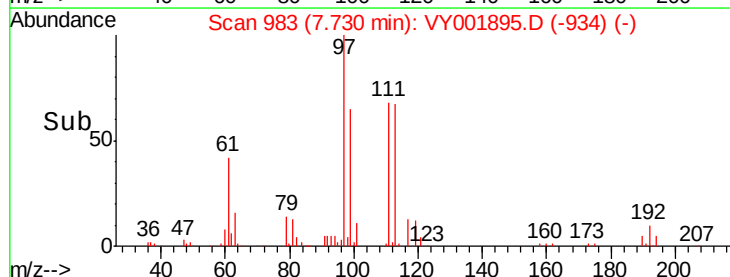
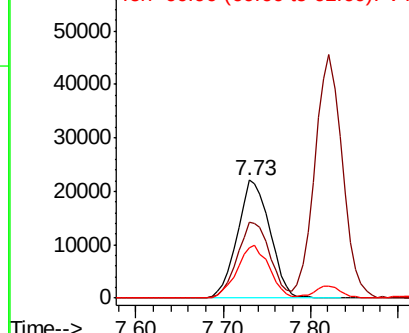
97 100

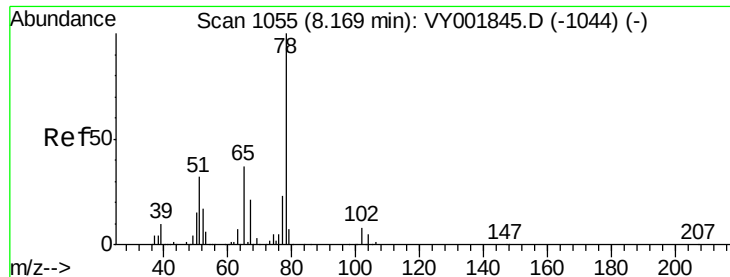
99 64.7 52.0 78.0

61 44.0 35.0 52.4



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

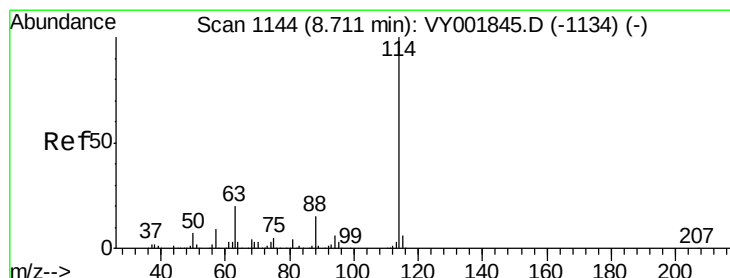
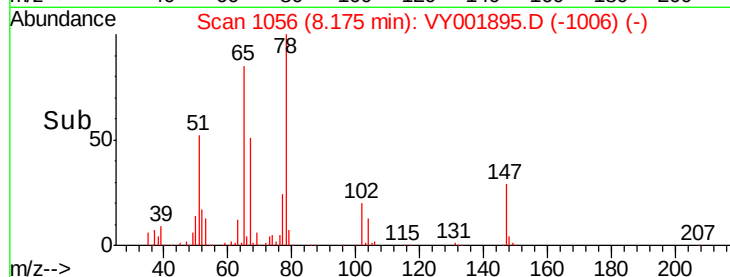
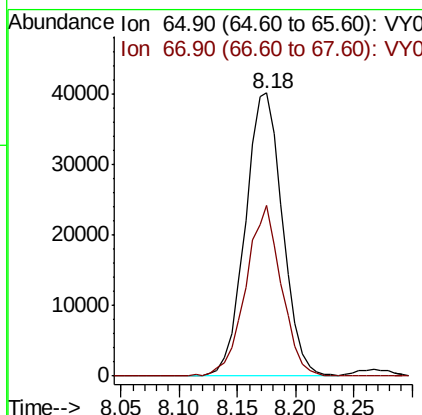
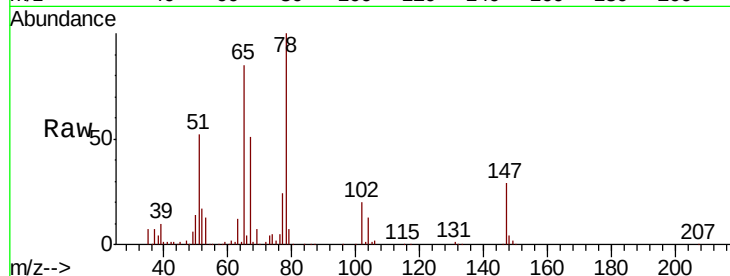




#33
 1,2-Dichloroethane-d4
 Concen: 50.009 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

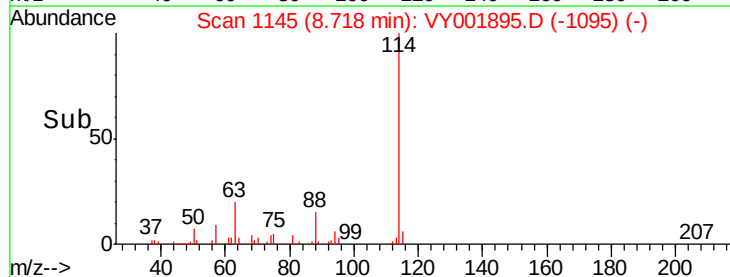
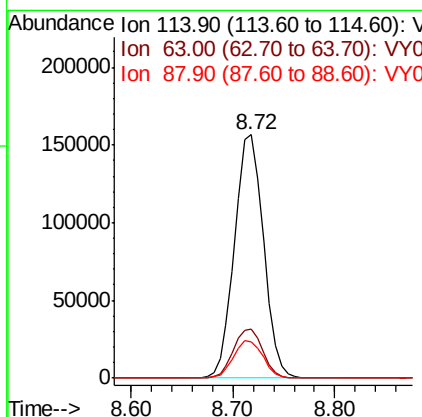
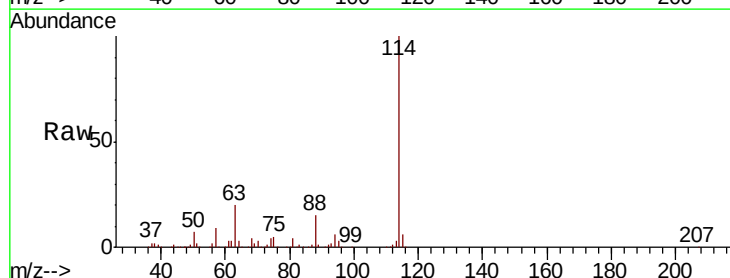
Instrument :
 MSVOA_Y
 ClientSampleId :

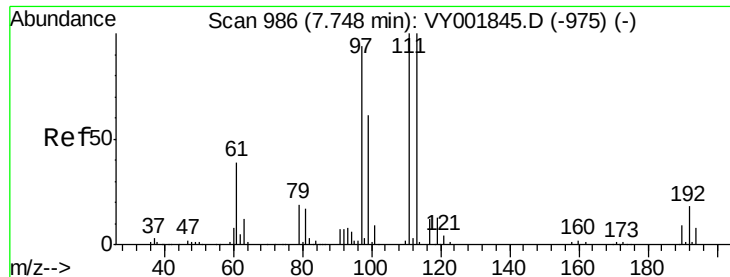
Tot Ion: 65 Resp: 89503
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

Tgt Ion: 114 Resp: 308276
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.345 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampled :

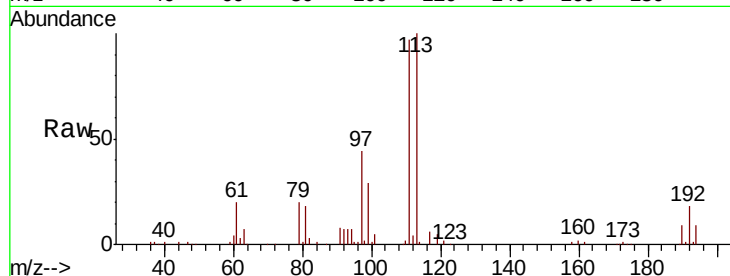
Tot Ion:113 Resp: 86430

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

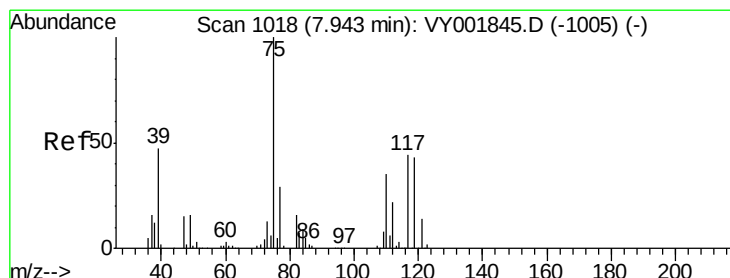
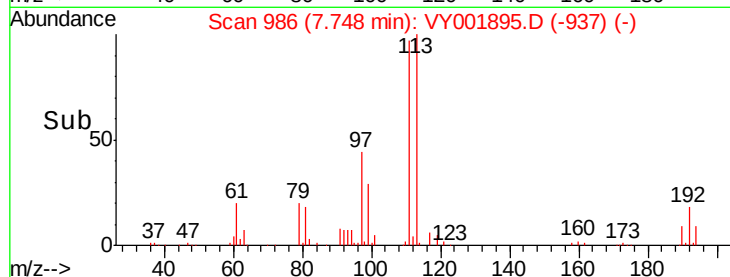
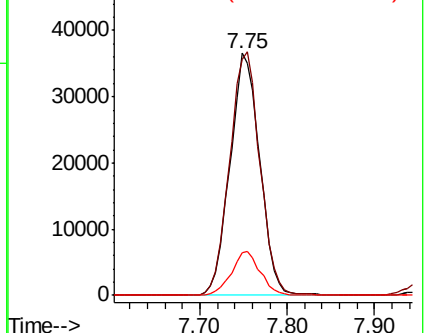
192 17.7 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.513 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

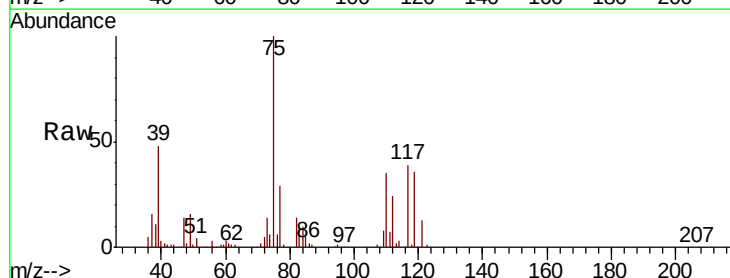
Tgt Ion: 75 Resp: 57885

Ion Ratio Lower Upper

75 100

110 35.0 17.4 52.2

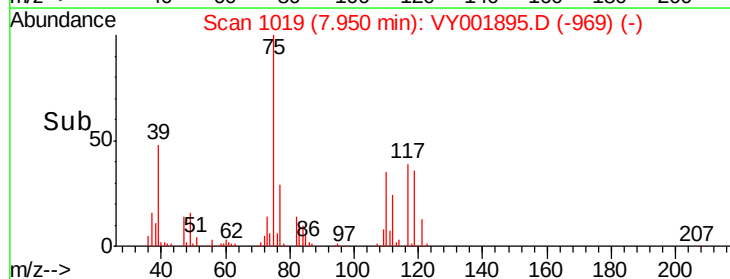
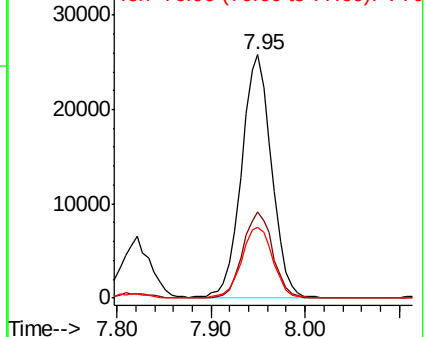
77 30.3 24.2 36.2

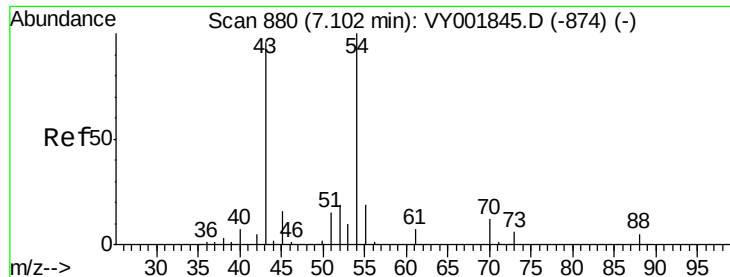


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

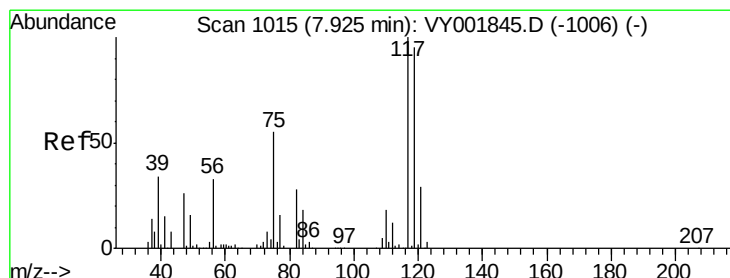
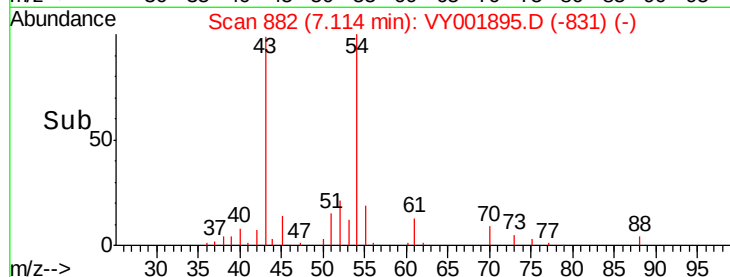
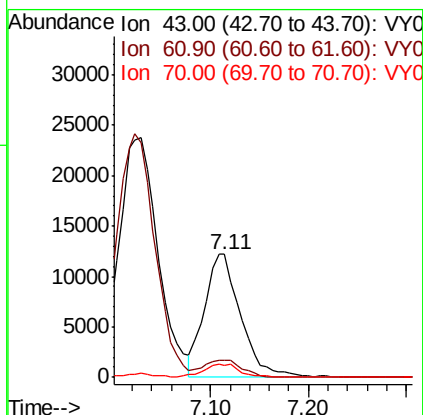
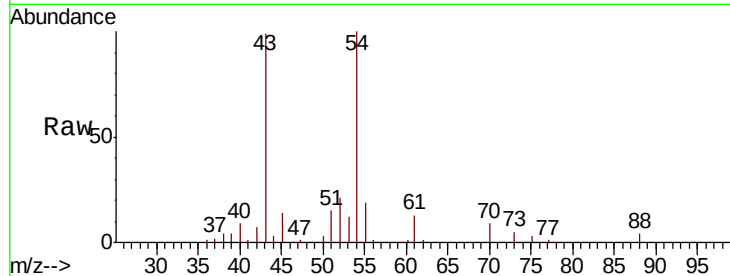




#37
Ethyl Acetate
Concen: 18.249 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

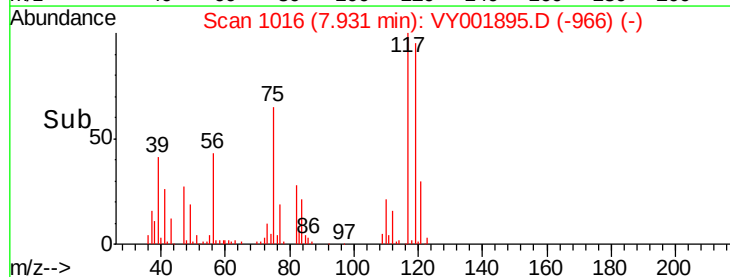
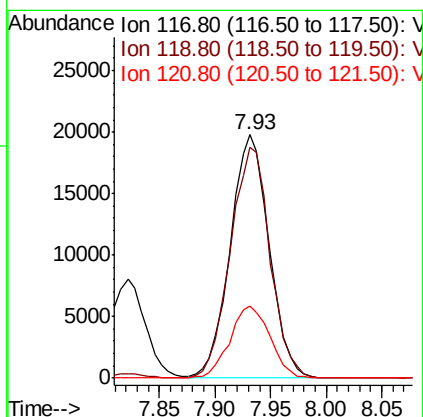
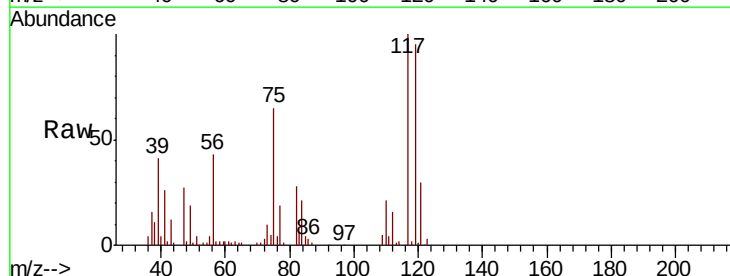
Instrument :
MSVOA_Y
ClientSampleId :

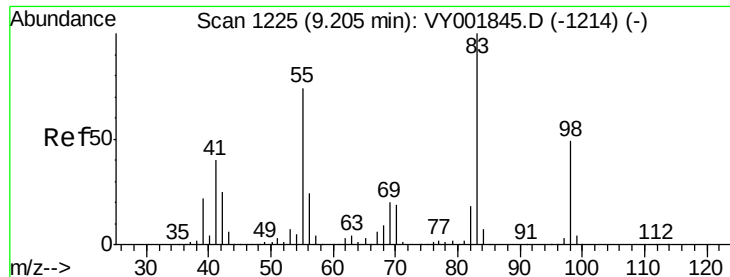
Tot Ion: 43 Resp: 31464
Ion Ratio Lower Upper
43 100
61 15.1 11.1 16.7
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 18.898 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 117 Resp: 47890
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5
121 29.5 23.5 35.3

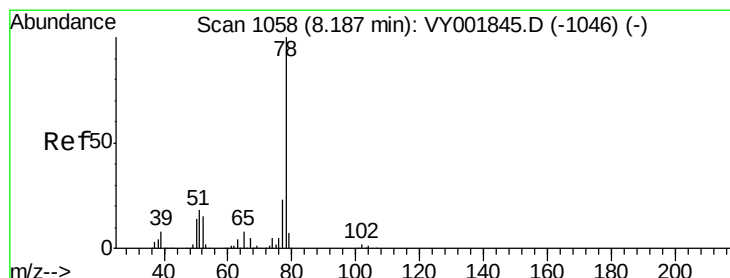
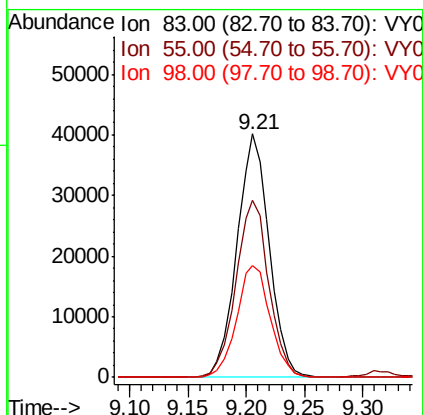
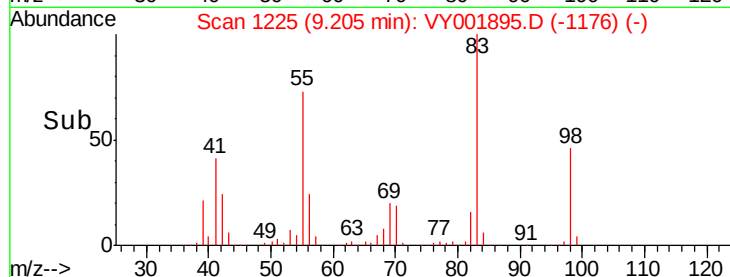
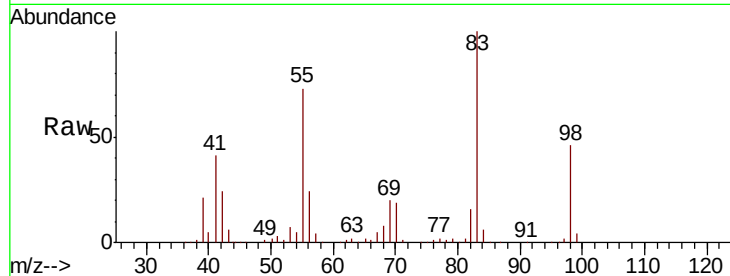




#39
Methylvlcyclohexane
Concen: 19.656 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

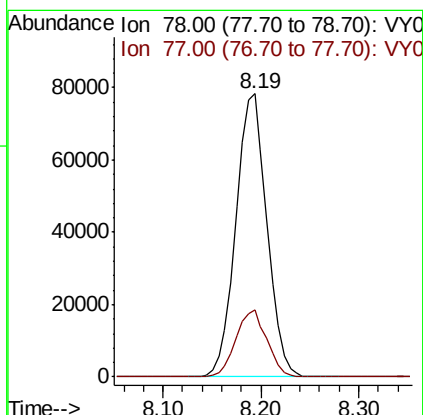
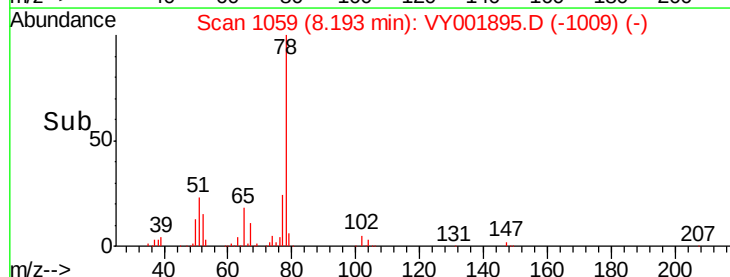
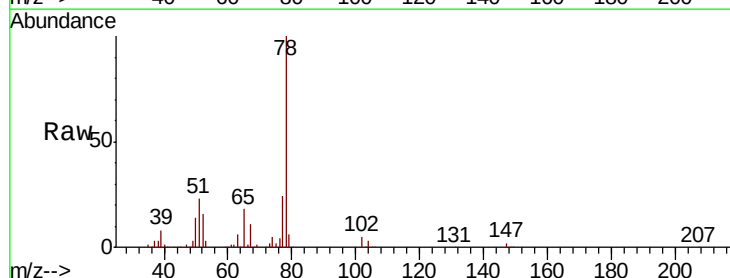
Instrument :
MSVOA_Y
ClientSampleId :

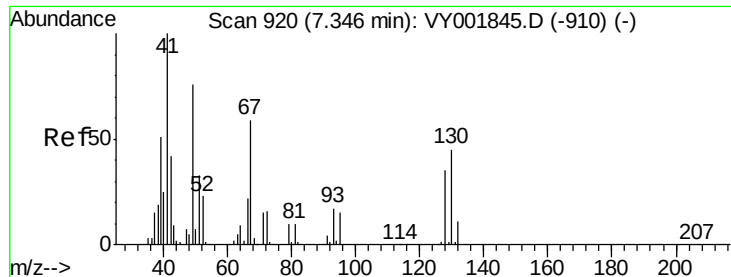
Tot Ion: 83 Resp: 77339
Ion Ratio Lower Upper
83 100
55 72.7 59.4 89.0
98 45.8 38.9 58.3



#40
Benzene
Concen: 19.603 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 78 Resp: 172370
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

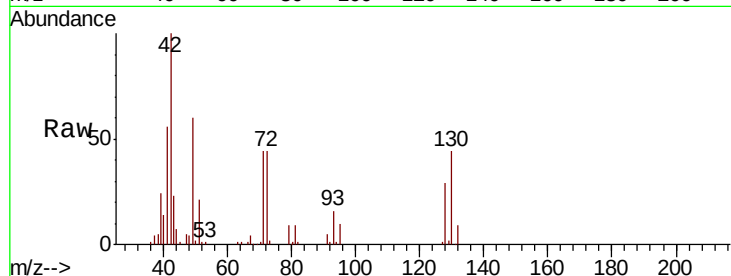




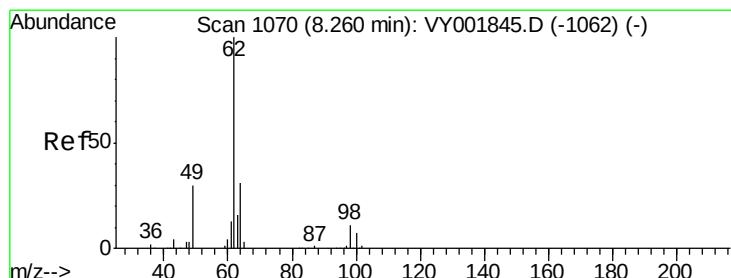
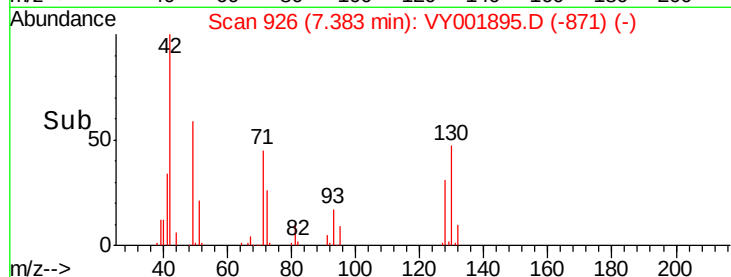
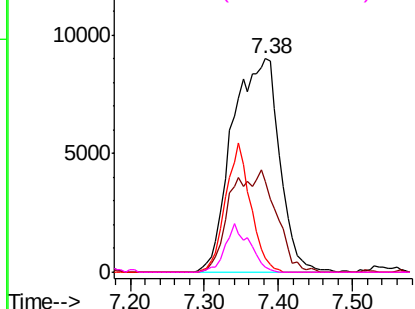
#41
Methacrylonitrile
Concen: 51.623 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 40056
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

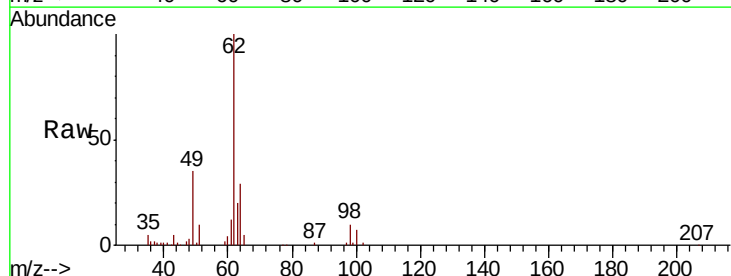


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

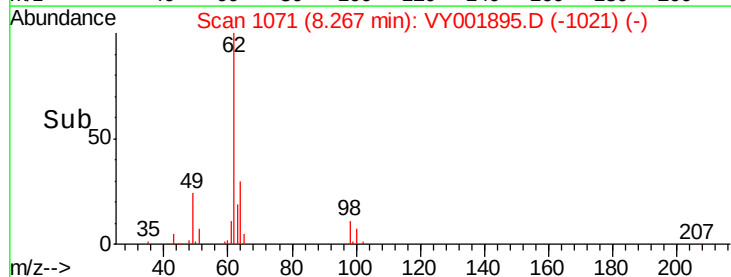
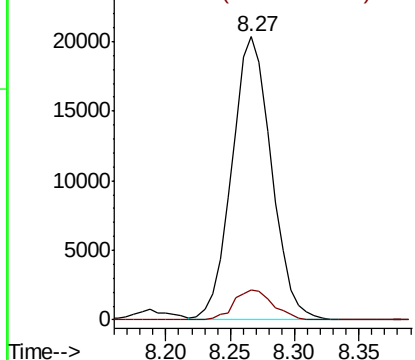


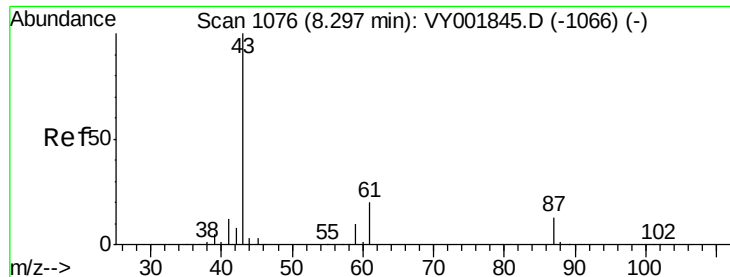
#42
1,2-Dichloroethane
Concen: 19.105 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 62 Resp: 43288
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 17.393 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

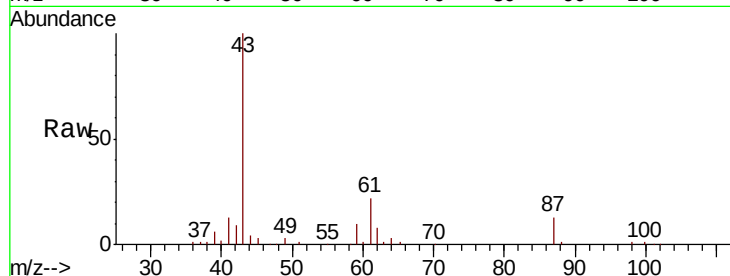
Tot Ion: 43 Resp: 56778

Ion Ratio Lower Upper

43 100

61 29.5 23.8 35.6

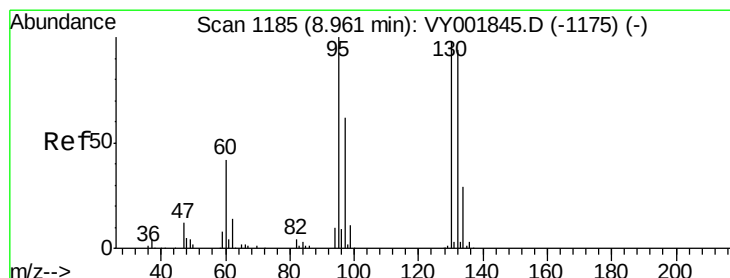
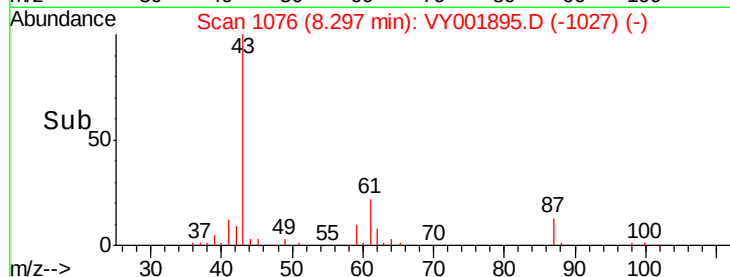
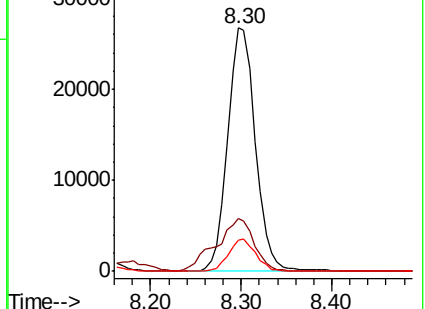
87 12.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001895.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001895.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001895.D (-1076) (-)



#44

Trichloroethene

Concen: 19.222 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY001895.D

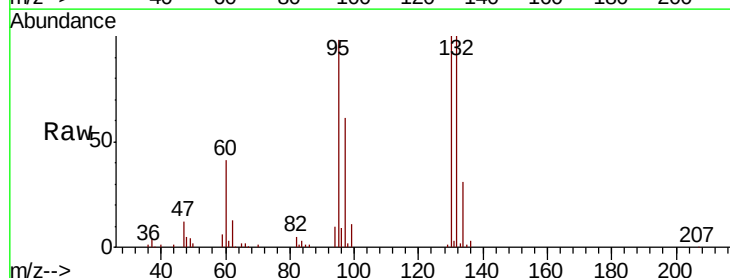
Acq: 06 Mar 2020 12:41

Tgt Ion:130 Resp: 41163

Ion Ratio Lower Upper

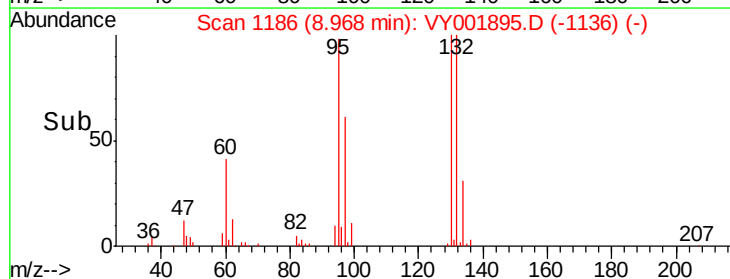
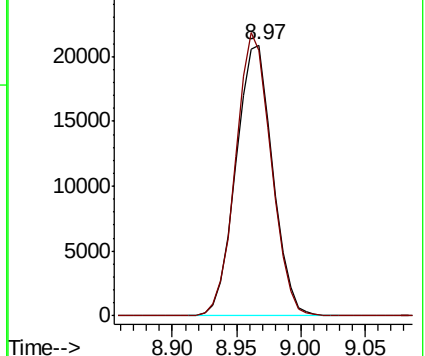
130 100

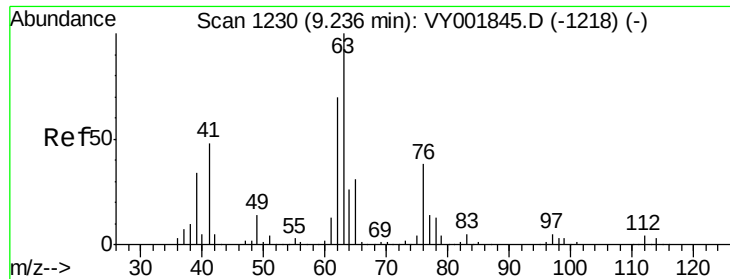
95 97.9 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001895.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001895.D (-1185) (-)

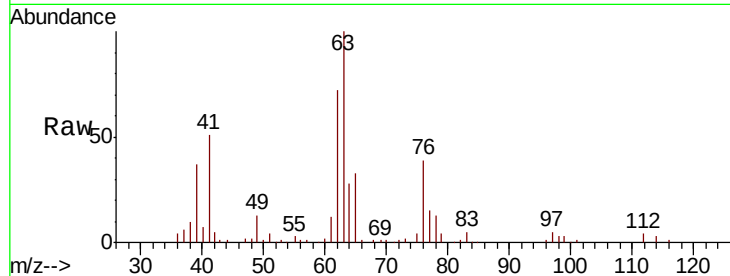




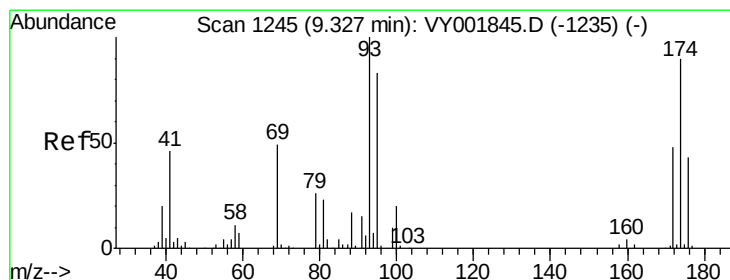
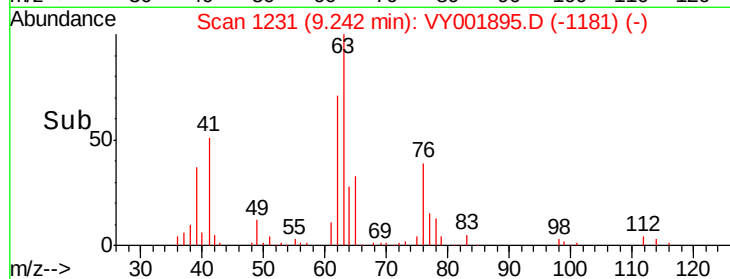
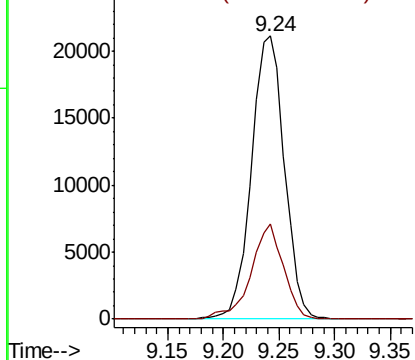
#45
 1,2-Dichloropropane
 Concen: 19.765 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 63 Resp: 43687
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.9 37.3

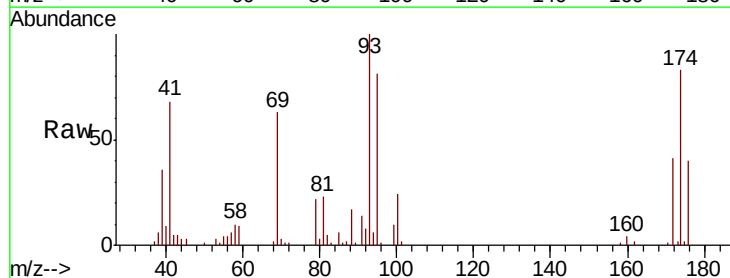


Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 64.90 (64.60 to 65.60): VY0

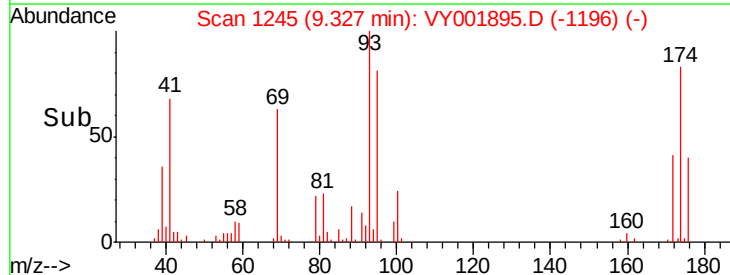
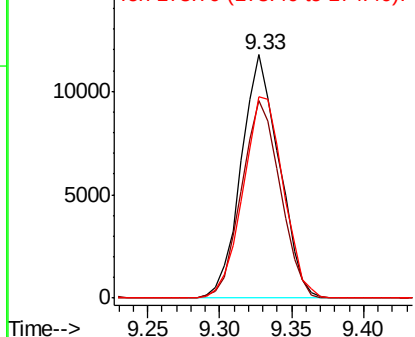


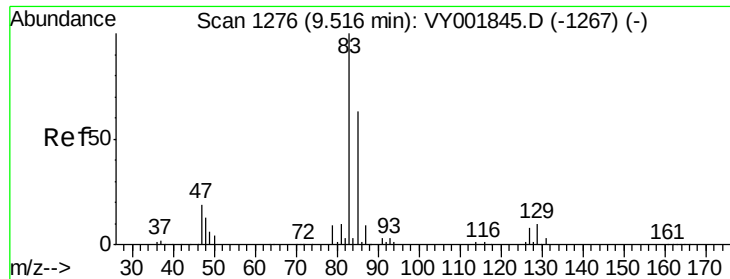
#46
 Dibromomethane
 Concen: 18.873 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

Tgt Ion: 93 Resp: 21497
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.0 100.4
 174 87.8 71.8 107.8



Abundance Ion 92.80 (92.50 to 93.50): VY0
 Ion 94.80 (94.50 to 95.50): VY0
 Ion 173.70 (173.40 to 174.40): V

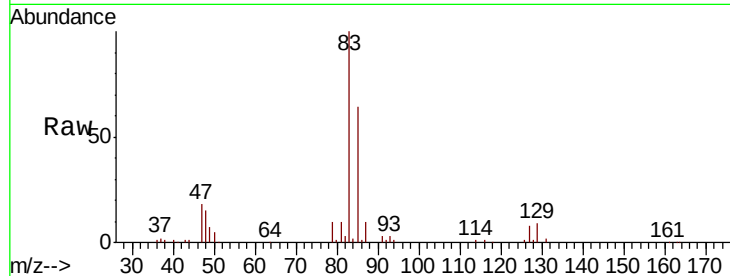




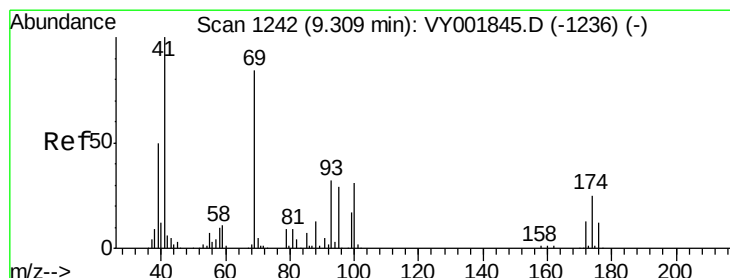
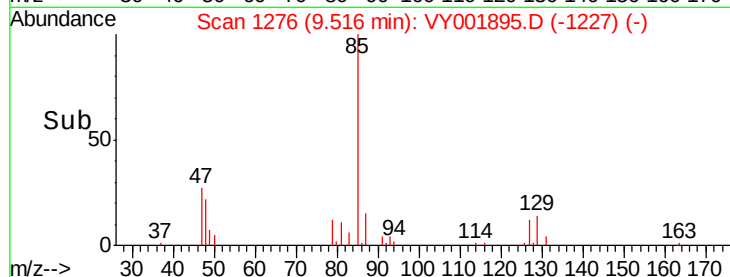
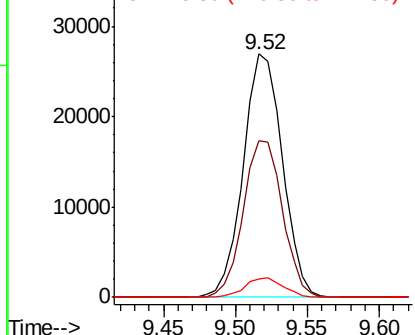
#47
Bromodichloromethane
Concen: 19.136 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	50705
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.6	76.0
127	7.8	6.2	9.4

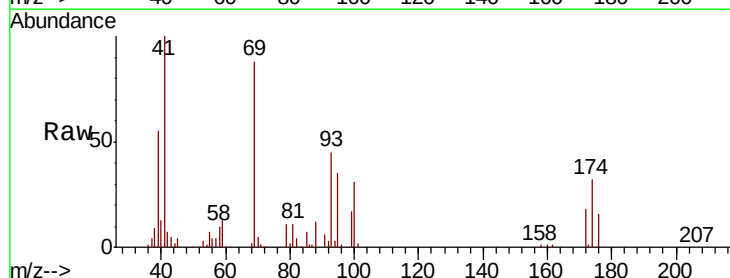


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

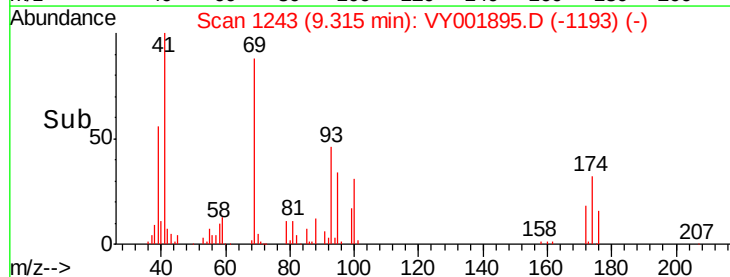
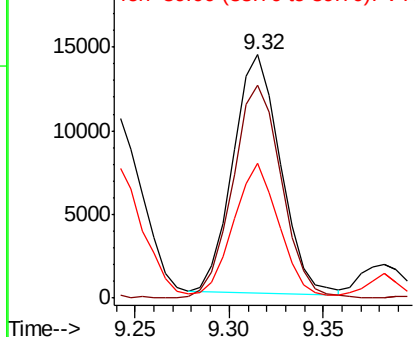


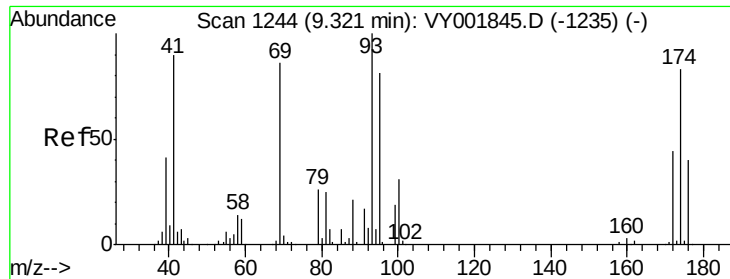
#48
Methyl methacrylate
Concen: 17.177 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion	41	Resp	24880
Ion Ratio	Lower	Upper	
41	100		
69	92.1	69.0	103.6
39	52.5	39.1	58.7



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: 321.760 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

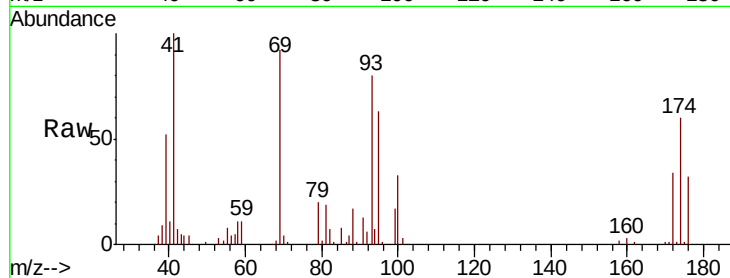
Tot Ion: 88 Resp: 5022

Ion Ratio Lower Upper

88 100

43 0.0 25.0 37.6#

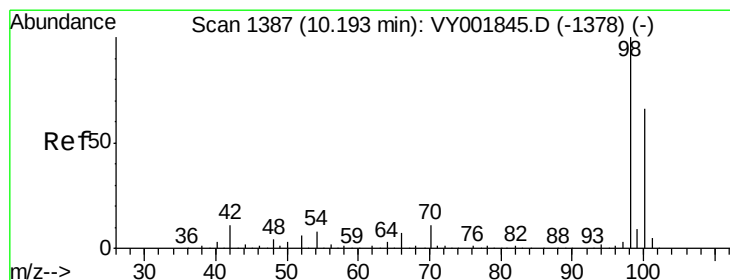
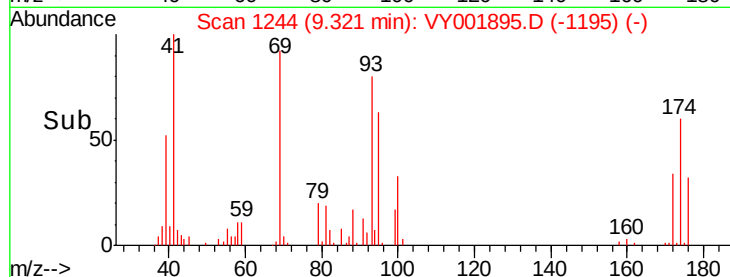
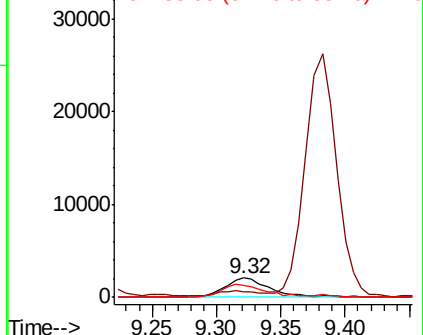
58 67.0 58.9 88.3



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: 50.827 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001895.D

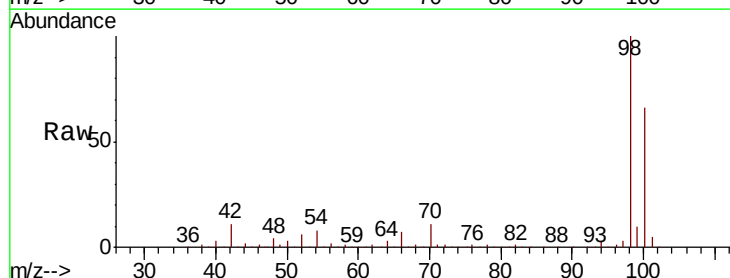
Acq: 06 Mar 2020 12:41

Tgt Ion: 98 Resp: 360782

Ion Ratio Lower Upper

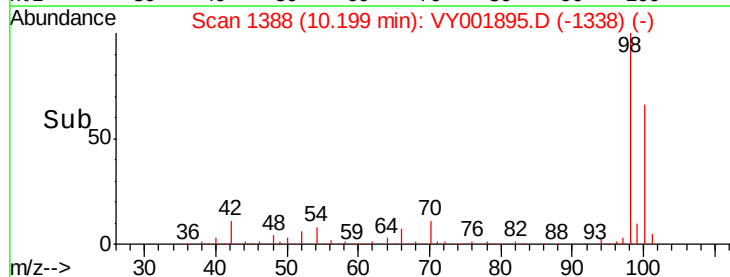
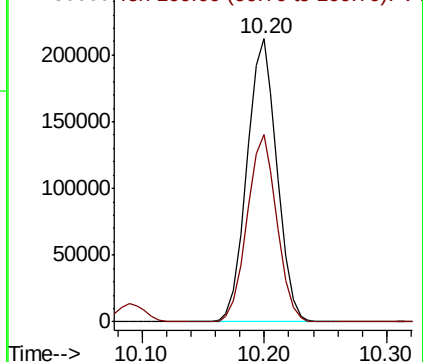
98 100

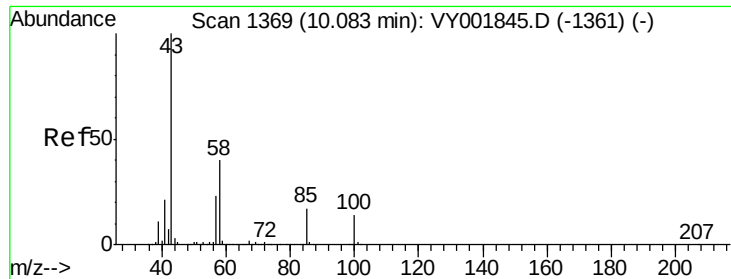
100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 90.318 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

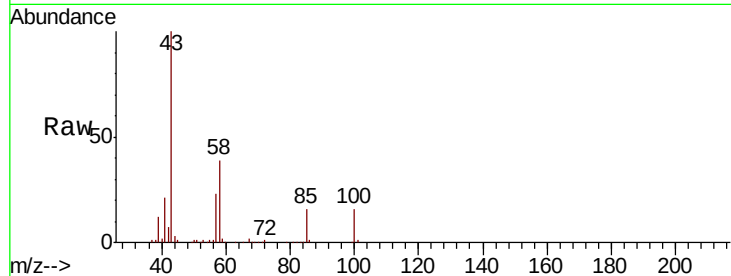
ClientSampled :

Tot Ion: 43 Resp: 151858

Ion Ratio Lower Upper

43 100

58 39.4 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.09

80000

60000

40000

20000

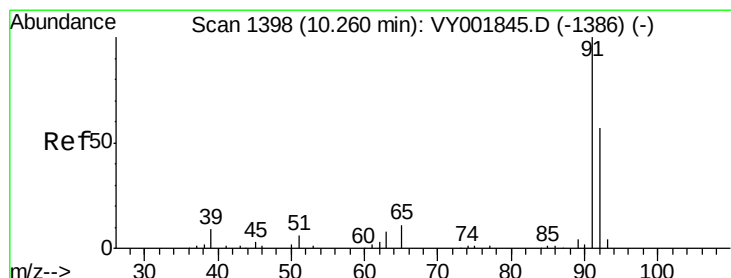
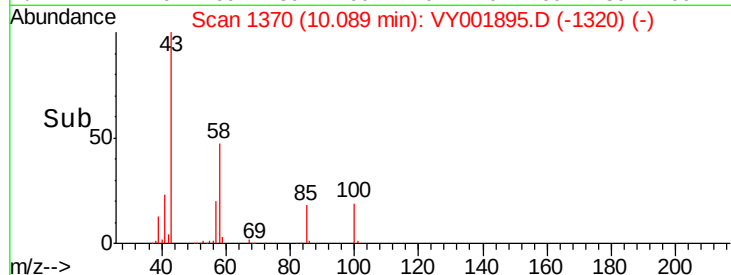
0

Time-->

10.00

10.10

10.20



#52

Toluene

Concen: 19.558 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001895.D

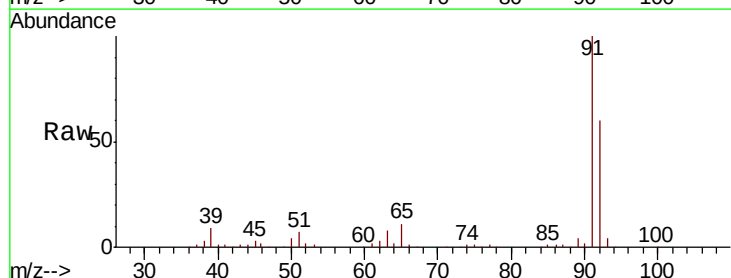
Acq: 06 Mar 2020 12:41

Tgt Ion: 92 Resp: 104468

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.26

120000

100000

80000

60000

40000

20000

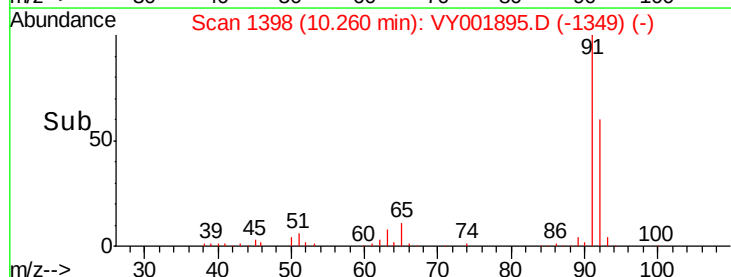
0

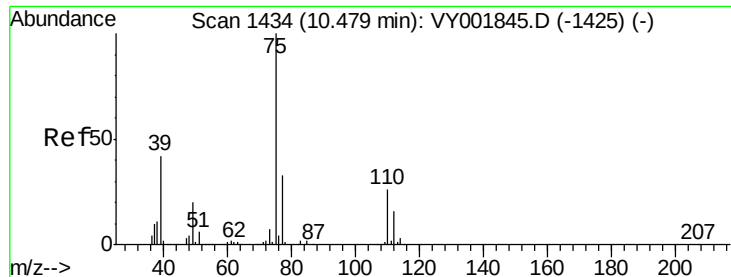
Time-->

10.20

10.25

10.30





#53

t-1,3-Dichloropropene

Concen: 18.687 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

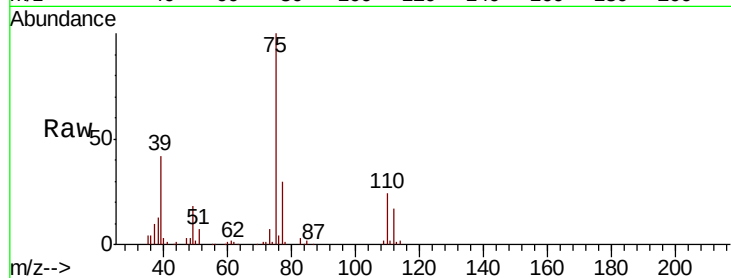
ClientSampleId :

Tot Ion: 75 Resp: 53946

Ion Ratio Lower Upper

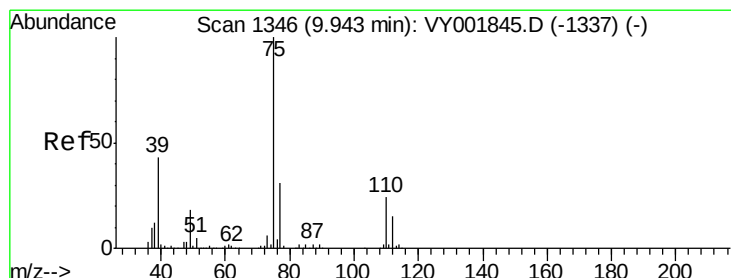
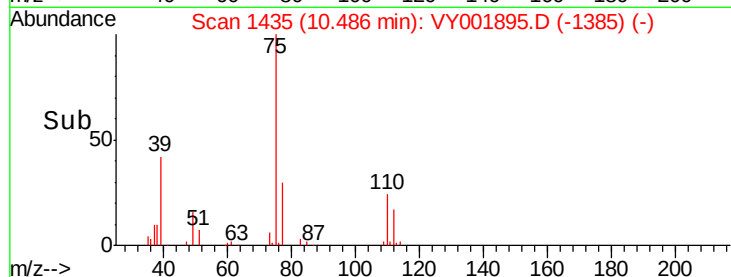
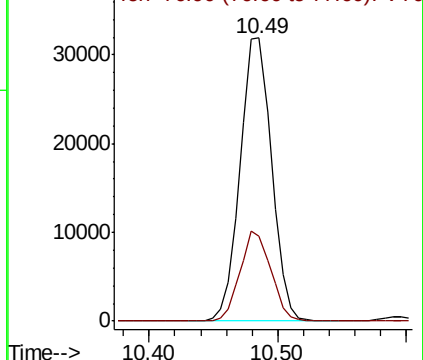
75 100

77 30.2 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.243 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

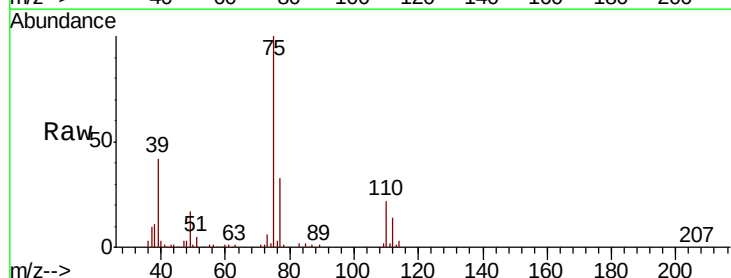
Tgt Ion: 75 Resp: 66130

Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7

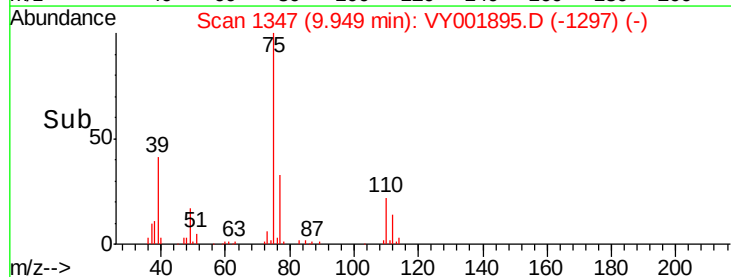
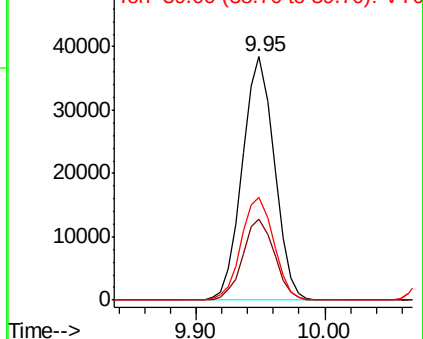
39 42.3 34.7 52.1

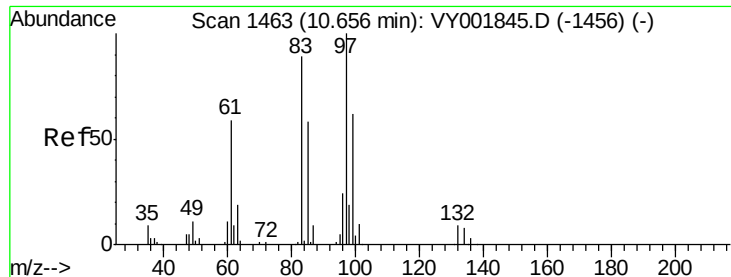


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 18.579 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 30971

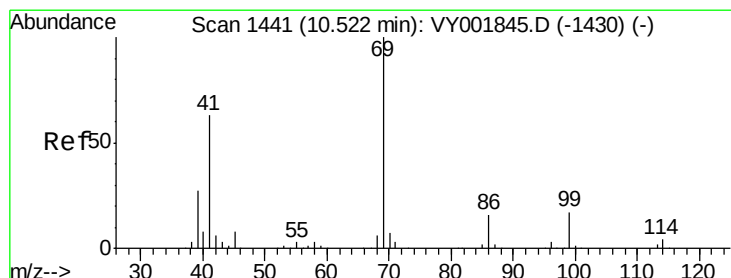
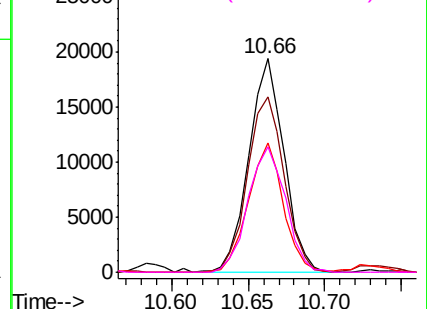
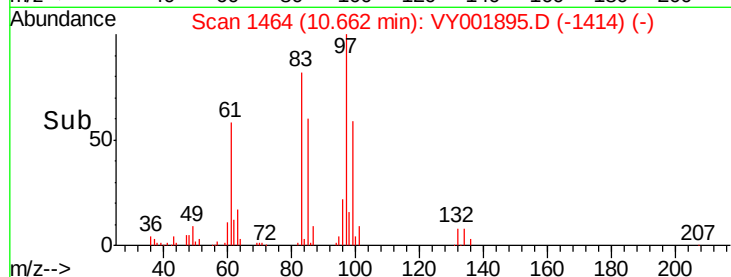
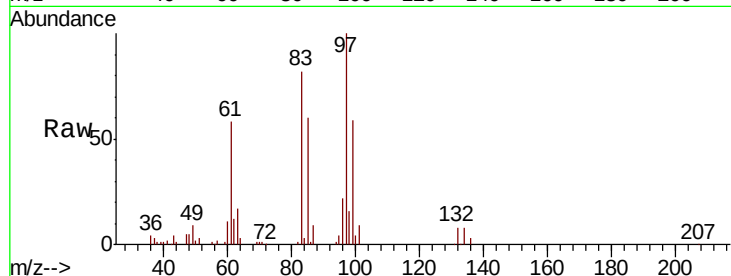
Ion Ratio Lower Upper

97 100

83 82.3 71.6 107.4

85 60.5 46.6 69.8

99 58.8 49.8 74.6



#56

Ethyl methacrylate

Concen: 17.884 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

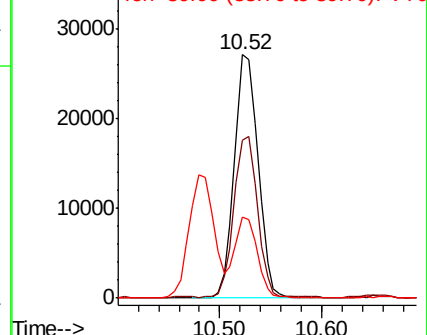
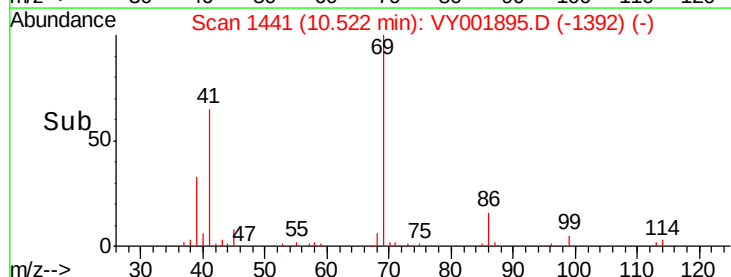
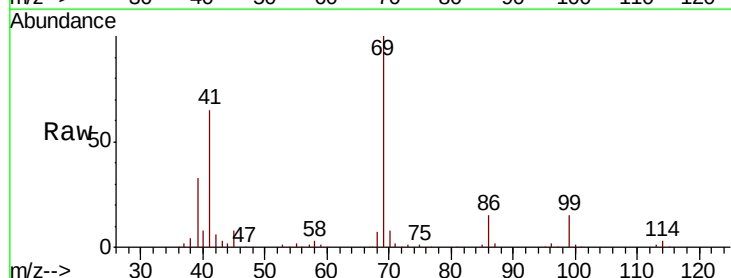
Tgt Ion: 69 Resp: 43699

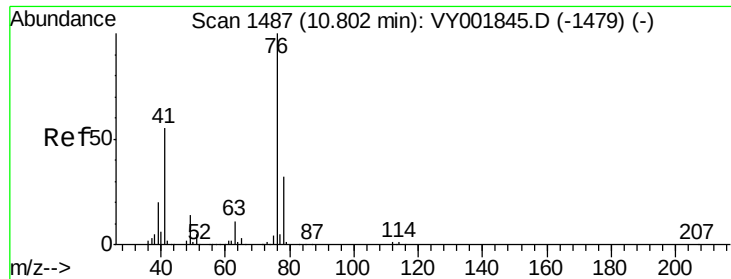
Ion Ratio Lower Upper

69 100

41 66.0 49.9 74.9

39 31.8 23.0 34.6





#57

1,3-Dichloropropane

Concen: 18.580 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

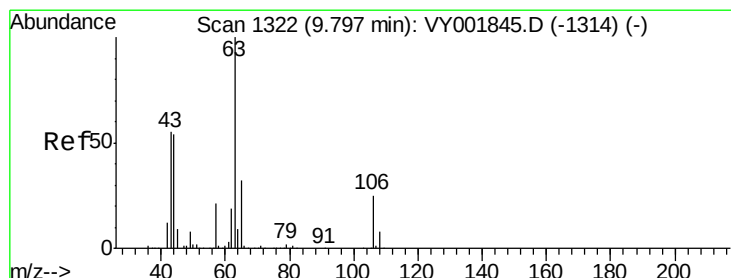
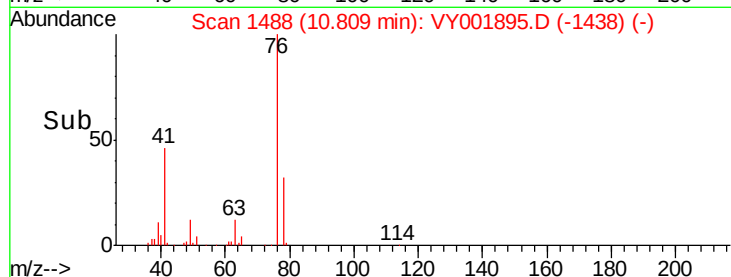
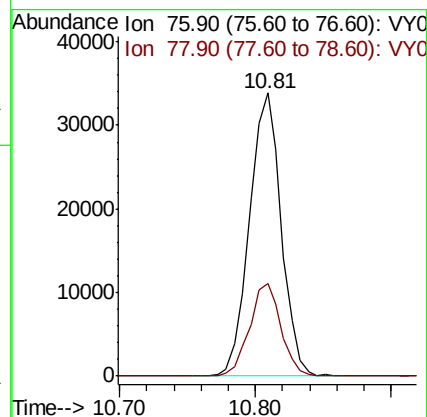
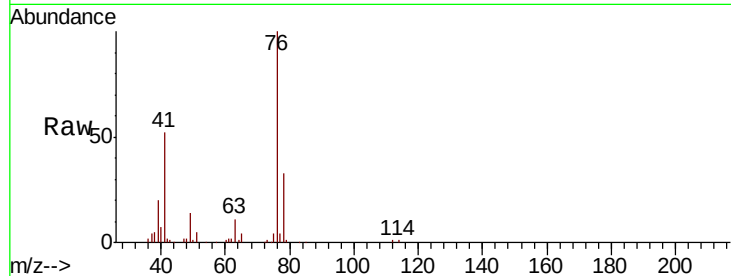
ClientSampleId :

Tot Ion: 76 Resp: 55210

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 121.371 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001895.D

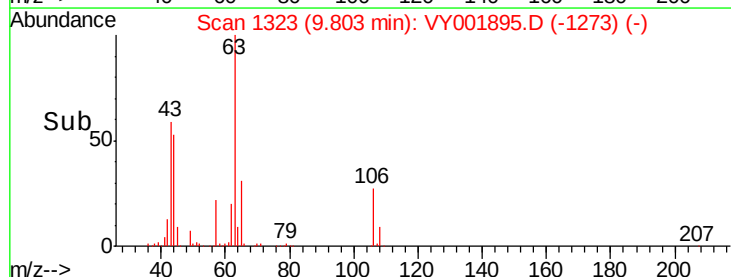
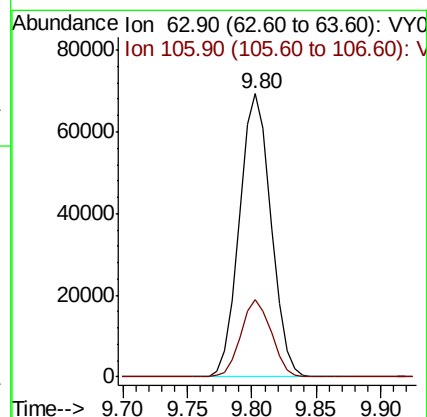
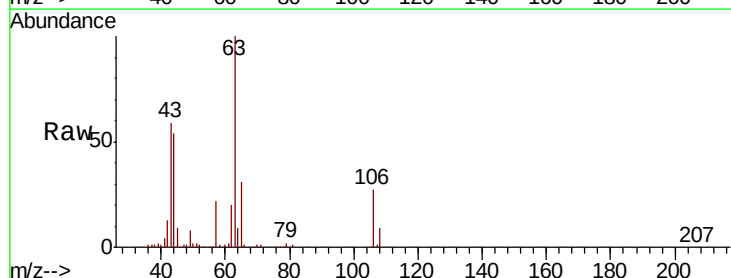
Acq: 06 Mar 2020 12:41

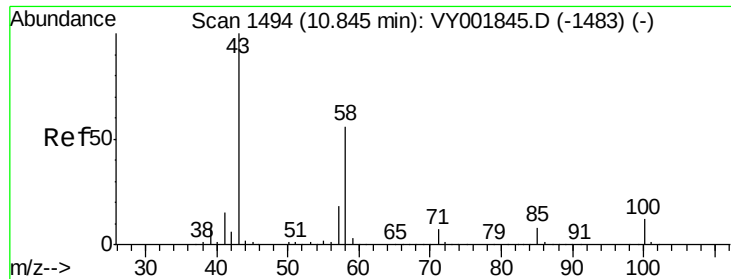
Tgt Ion: 63 Resp: 117798

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9

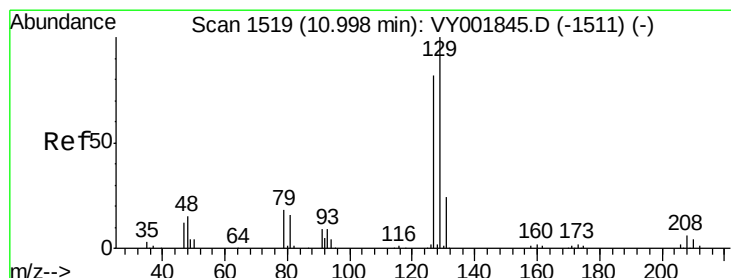
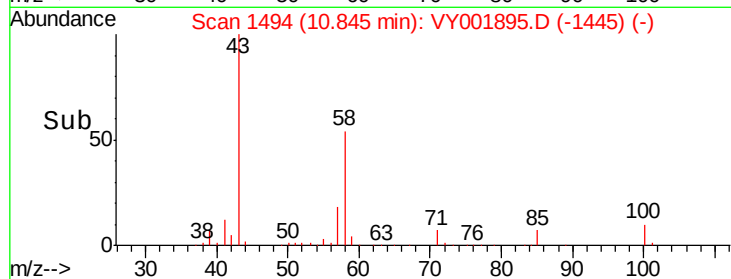
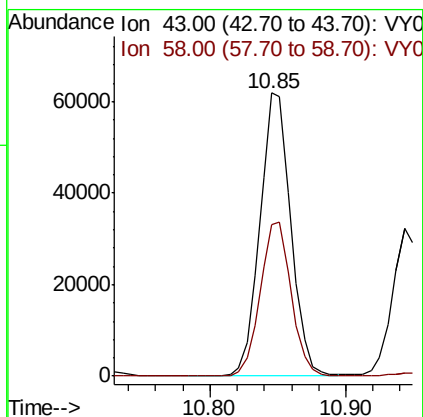
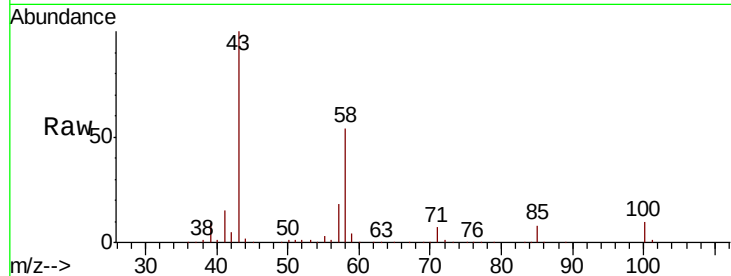




#59
2-Hexanone
Concen: 82.461 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

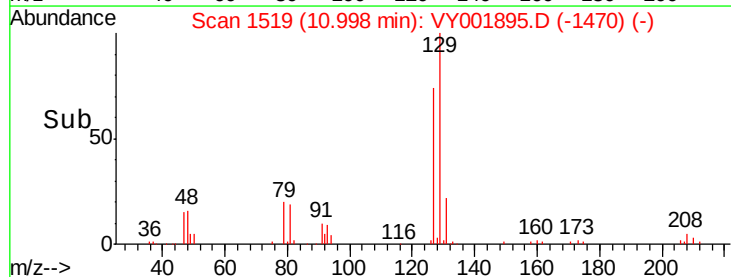
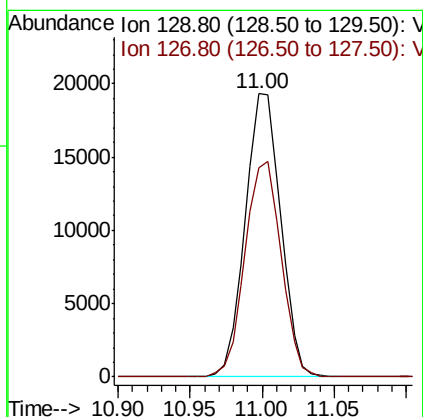
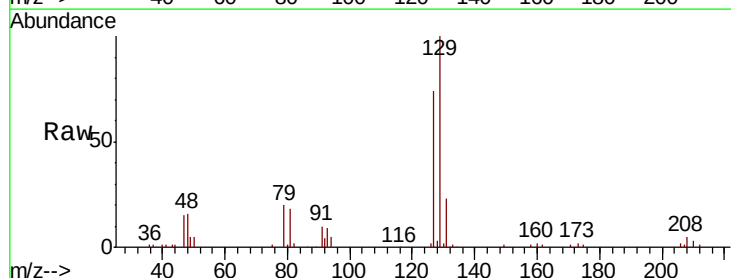
Instrument :
MSVOA_Y
ClientSampleId :

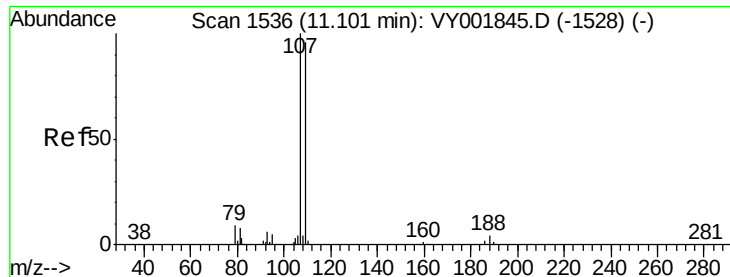
Tot Ion: 43 Resp: 98960
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 18.768 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 129 Resp: 32967
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

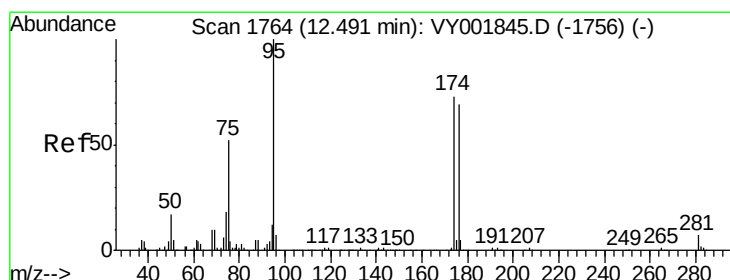
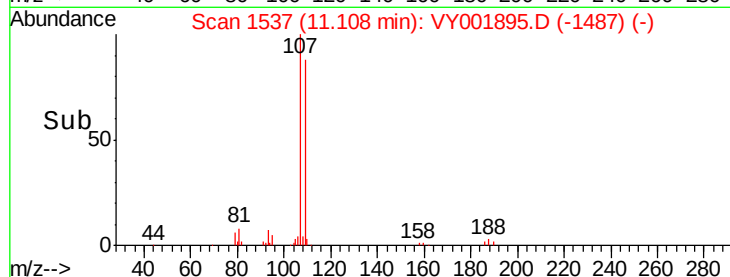
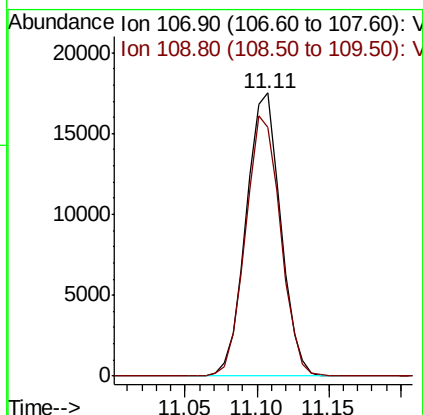
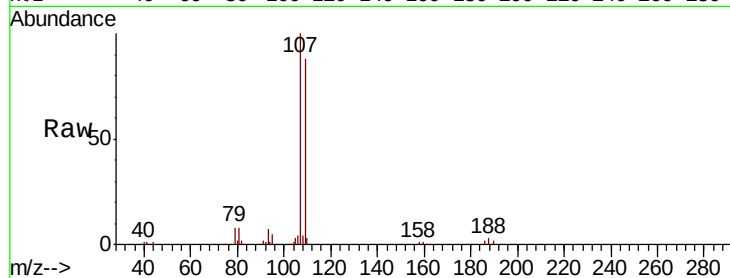




#61
 1,2-Dibromoethane
 Concen: 18.343 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

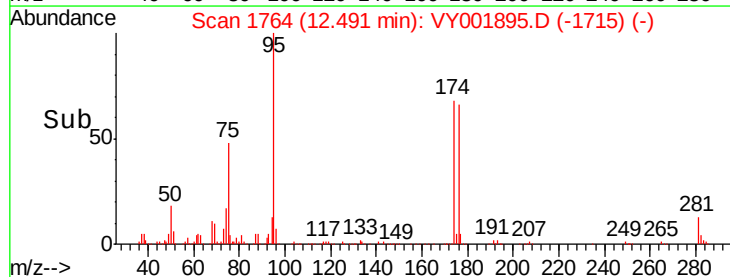
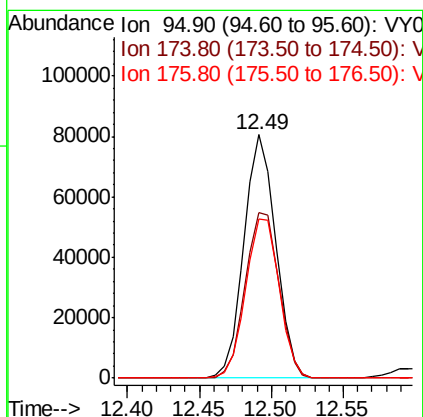
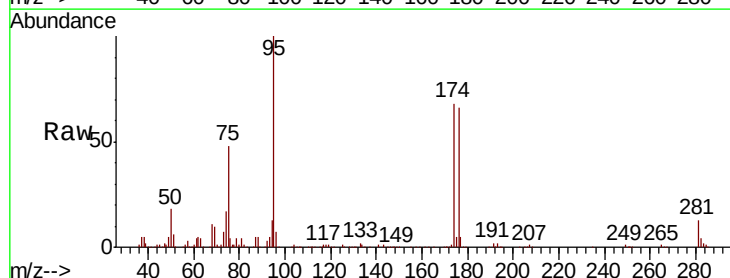
Instrument :
 MSVOA_Y
 ClientSampleId :

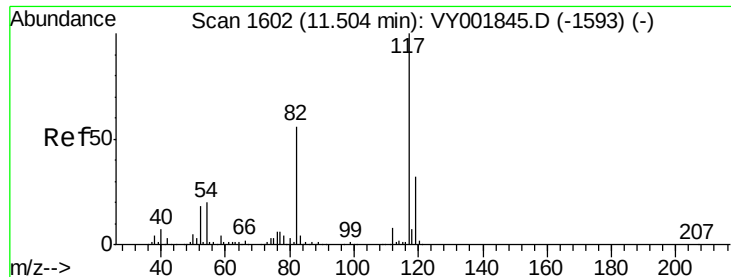
Tot Ion: 107 Resp: 28964
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.881 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

Tgt Ion: 95 Resp: 123114
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 145.0
 176 68.9 0.0 137.4

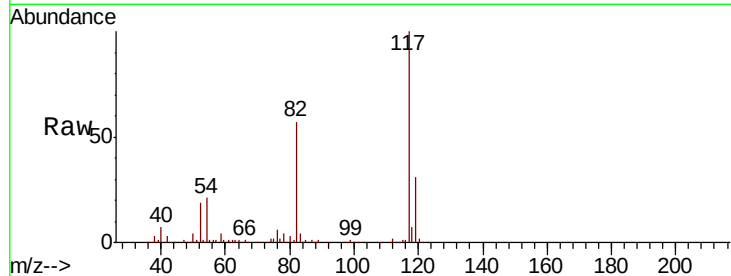




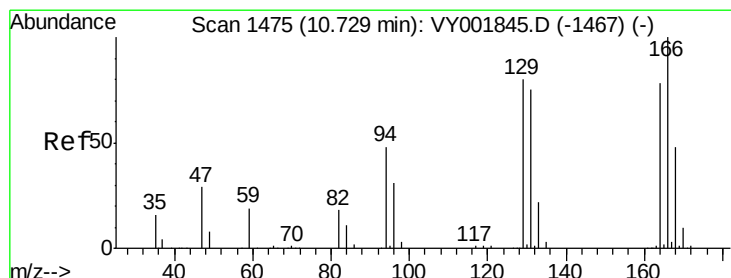
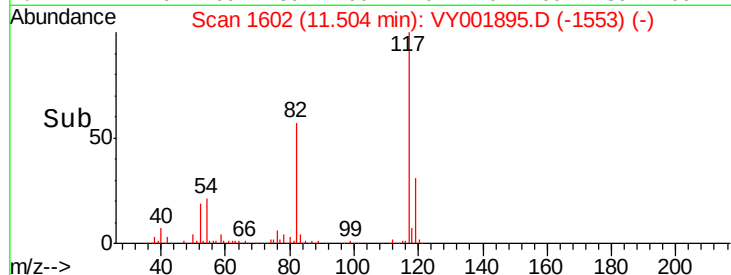
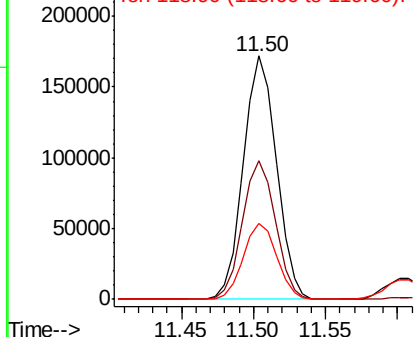
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 273153
Ion Ratio Lower Upper
117 100
82 56.7 44.5 66.7
119 31.2 25.7 38.5

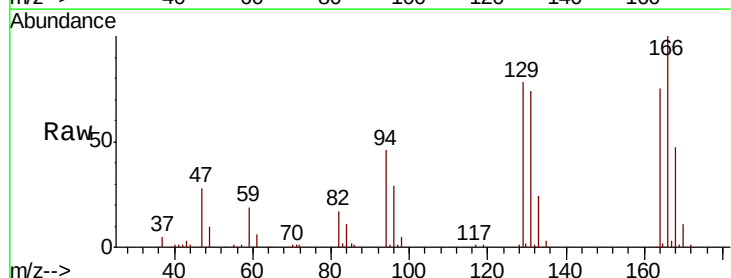


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

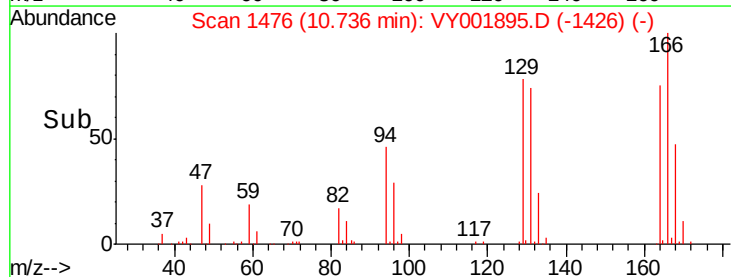
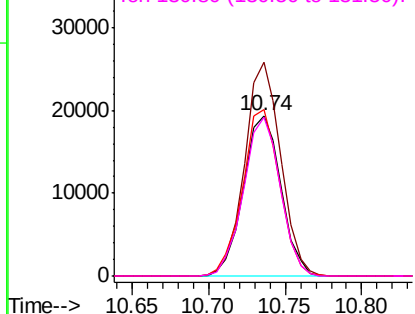


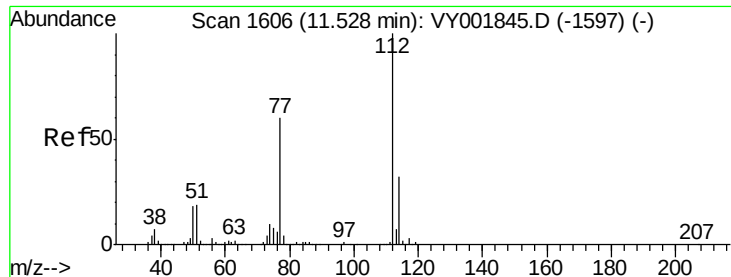
#64
Tetrachloroethene
Concen: 19.314 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion:164 Resp: 33084
Ion Ratio Lower Upper
164 100
166 133.3 102.6 154.0
129 103.6 82.3 123.5
131 99.1 77.4 116.0



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

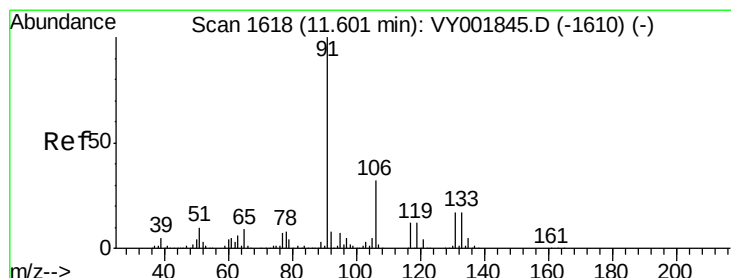
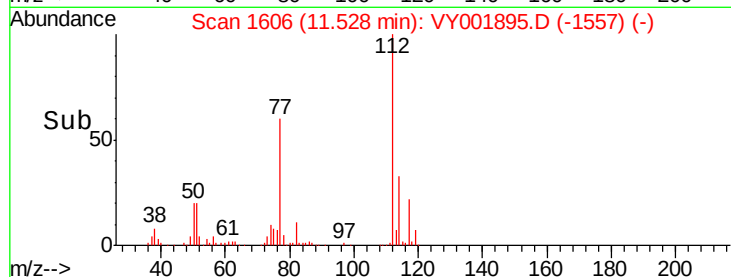
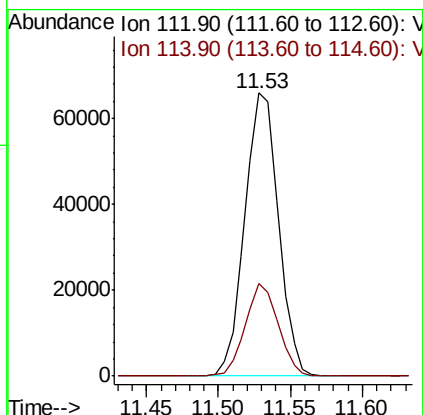
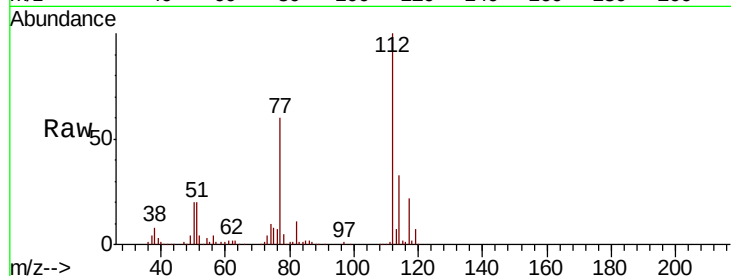




#65
Chlorobenzene
Concen: 19.590 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

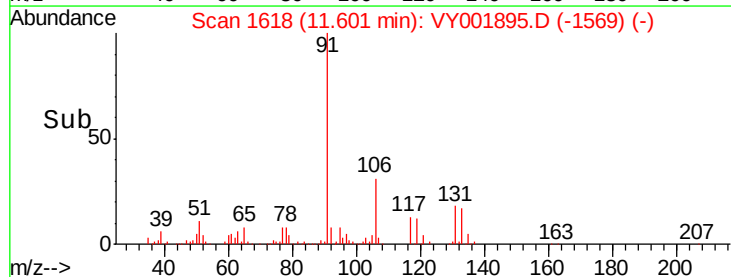
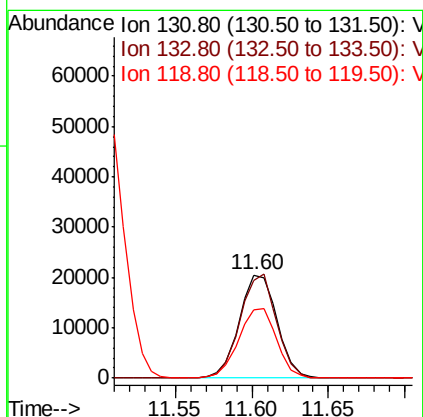
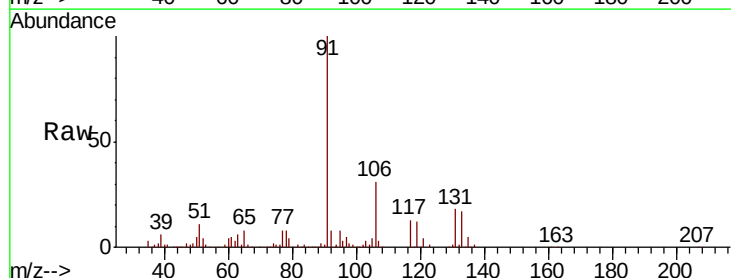
Instrument :
MSVOA_Y
ClientSampleId :

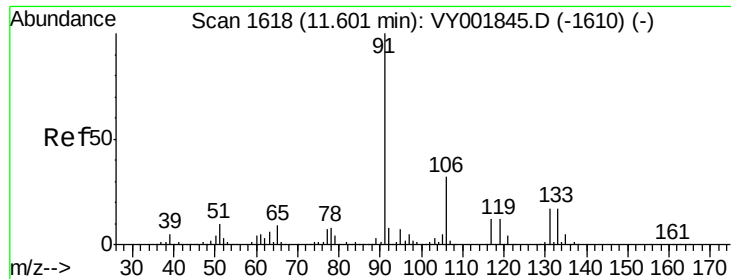
Tot Ion:112 Resp: 106621
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.669 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion:131 Resp: 35106
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 67.7 34.5 103.6

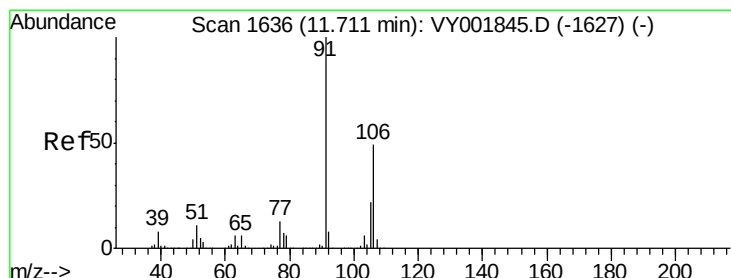
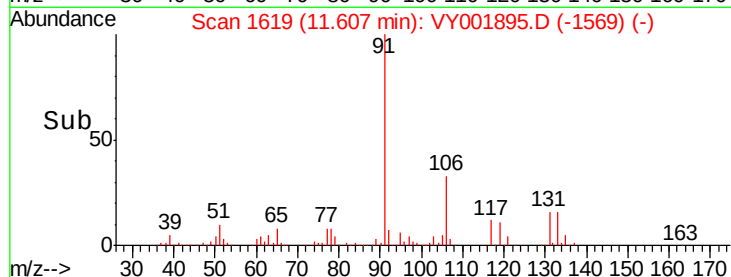
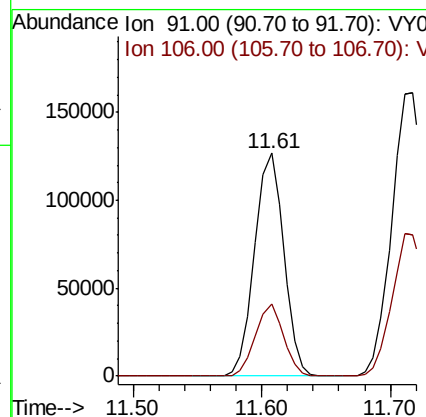
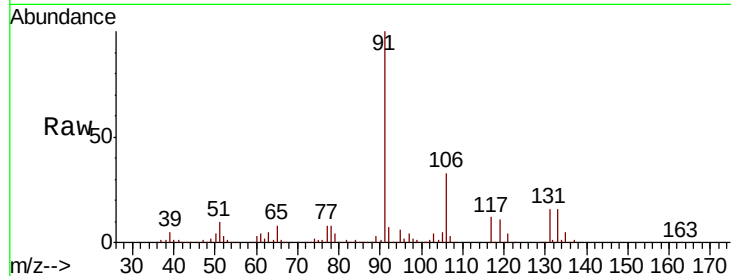




#67
Ethyl Benzene
Concen: 19.509 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

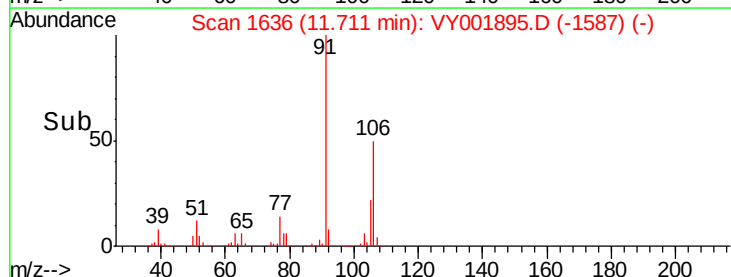
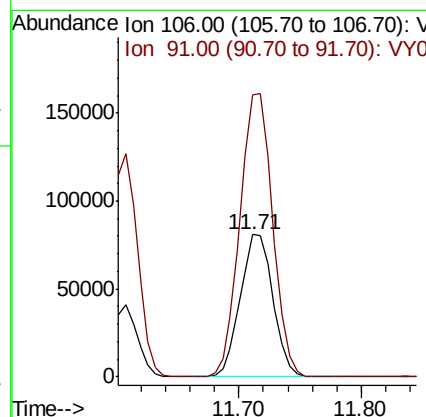
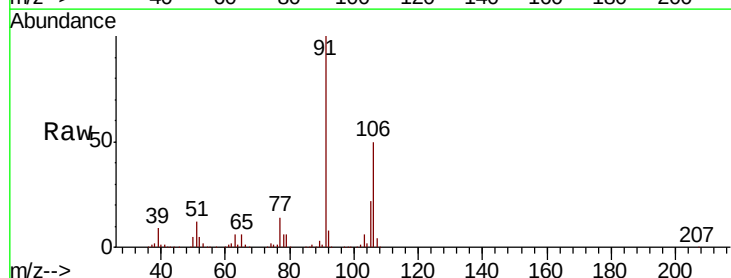
Instrument :
MSVOA_Y
ClientSampled :

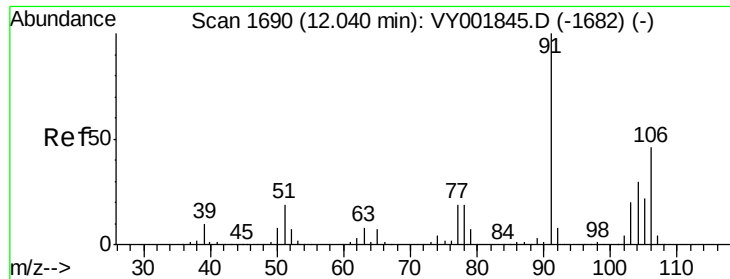
Tot Ion: 91 Resp: 198031
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2



#68
m/p-Xylenes
Concen: 39.779 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 106 Resp: 149280
Ion Ratio Lower Upper
106 100
91 200.0 161.3 241.9

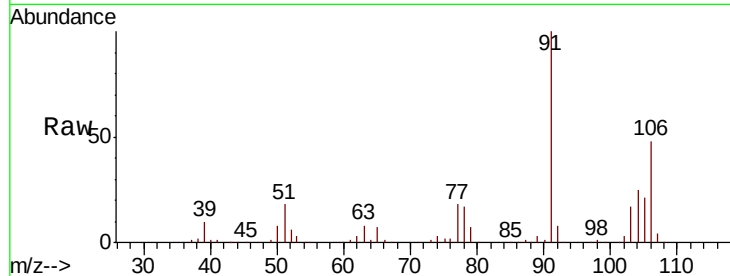




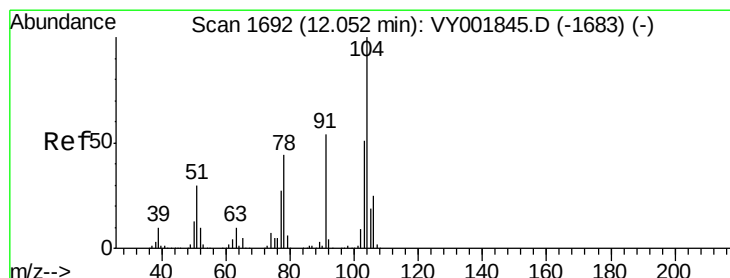
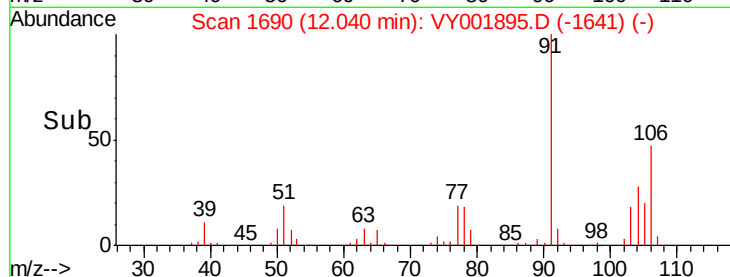
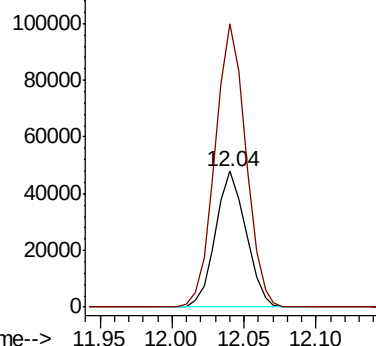
#69
o-Xylene
Concen: 19.876 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 70304
Ion Ratio Lower Upper
106 100
91 210.3 106.8 320.4

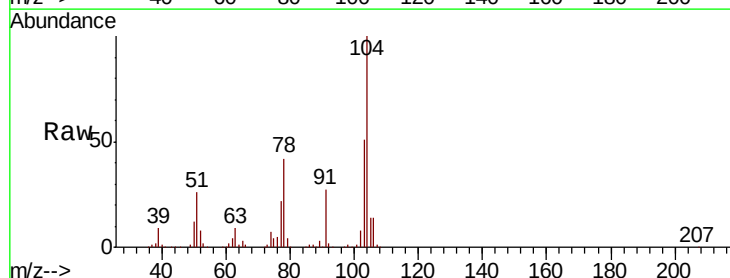


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

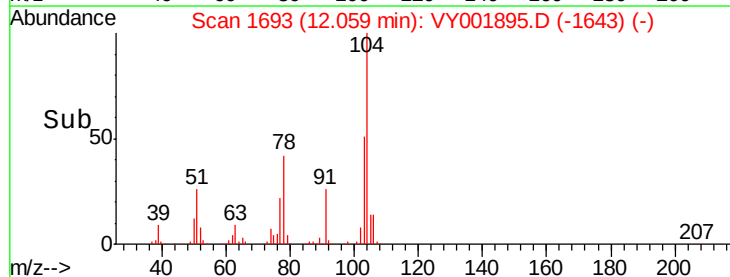
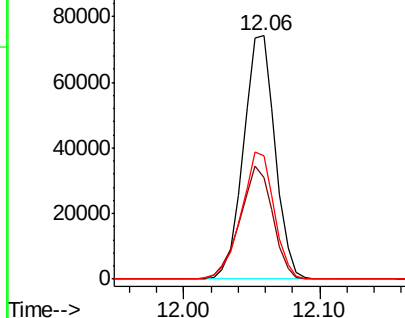


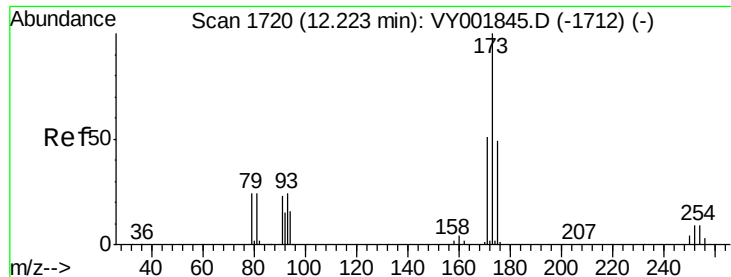
#70
Styrene
Concen: 19.852 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion:104 Resp: 120264
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 54.2 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.622 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampled :

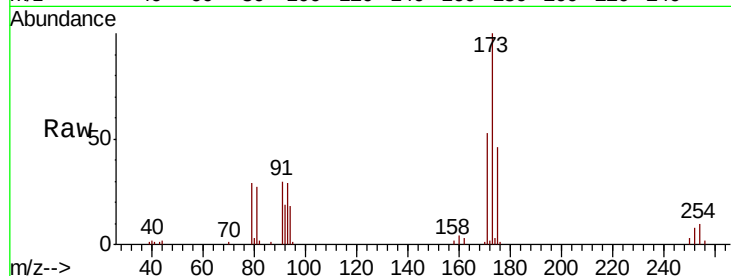
Tot Ion:173 Resp: 17057

Ion Ratio Lower Upper

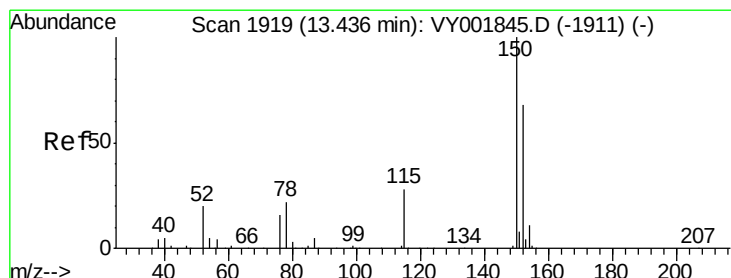
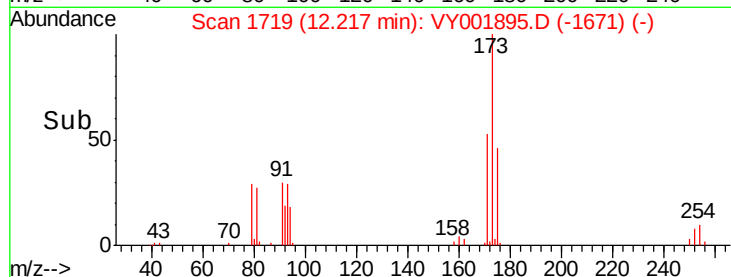
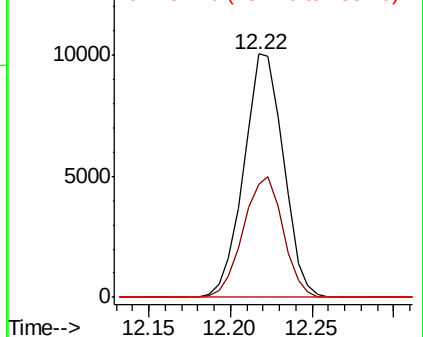
173 100

175 49.7 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

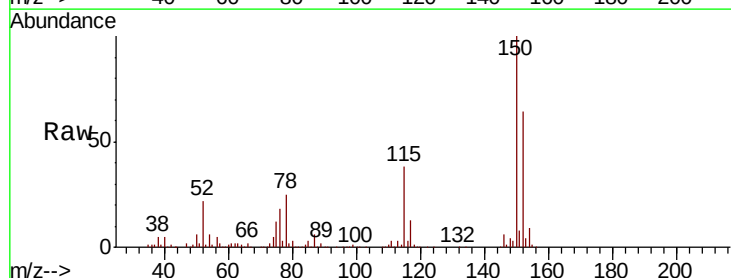
Tgt Ion:152 Resp: 127008

Ion Ratio Lower Upper

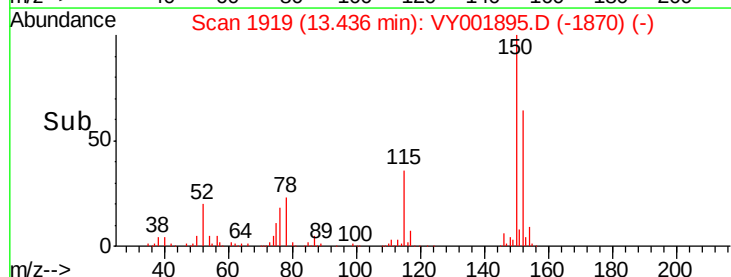
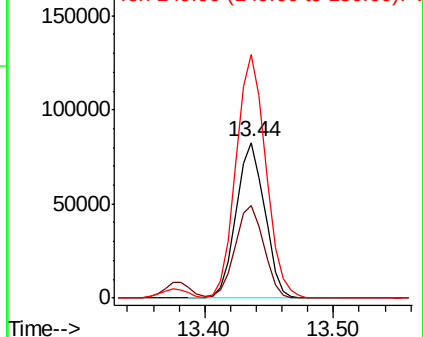
152 100

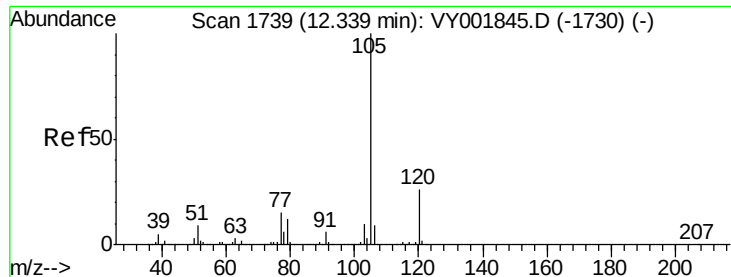
115 60.6 29.9 89.7

150 163.4 0.0 340.6



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





#73

Isopropylbenzene

Concen: 19.426 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

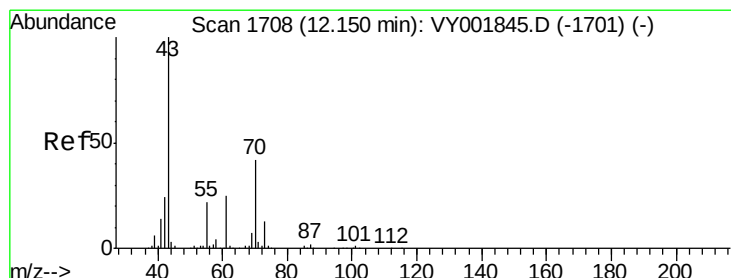
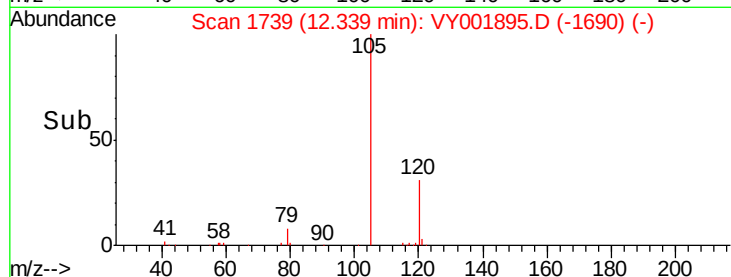
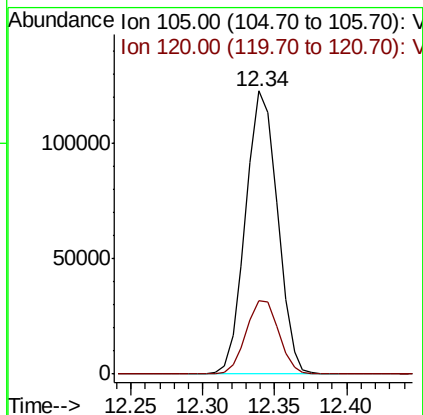
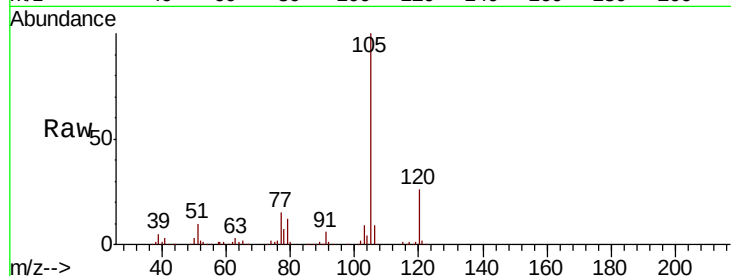
ClientSampled :

Tot Ion:105 Resp: 188345

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 17.330 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Tgt Ion: 43 Resp: 51639

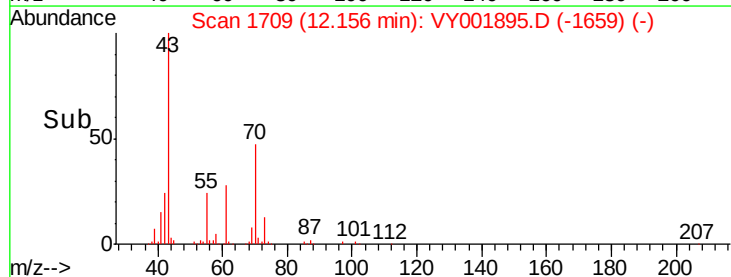
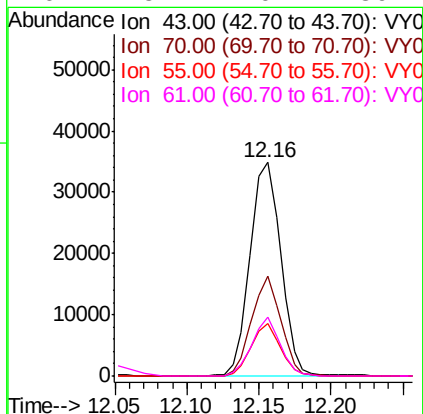
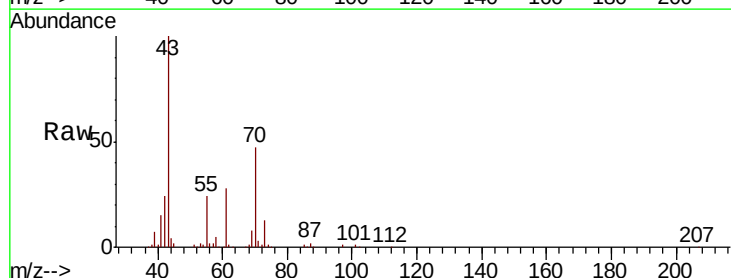
Ion Ratio Lower Upper

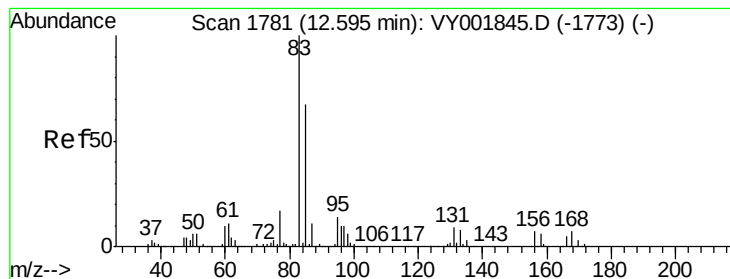
43 100

70 44.2 34.7 52.1

55 23.4 18.2 27.4

61 25.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.567 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

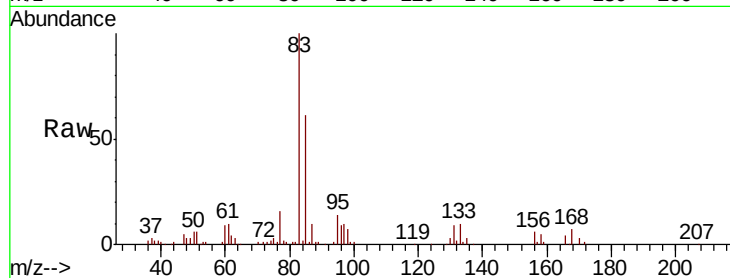
Tot Ion: 83 Resp: 36730

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

85 63.8 32.1 96.3

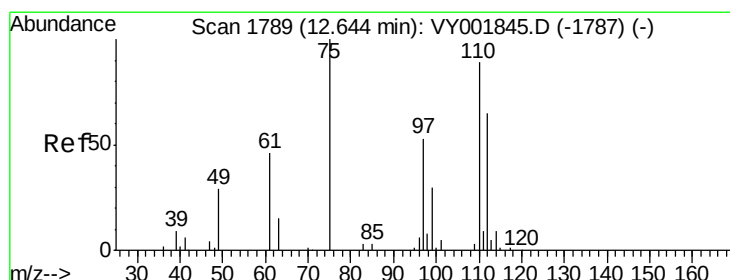
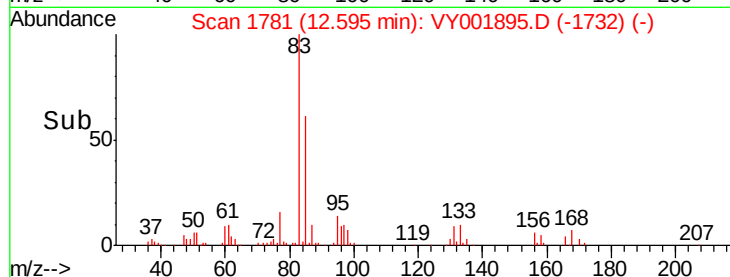


Abundance Ion 82.90 (82.60 to 83.60): VY001895.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY001895.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY001895.D (-1732) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 31.618 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001895.D

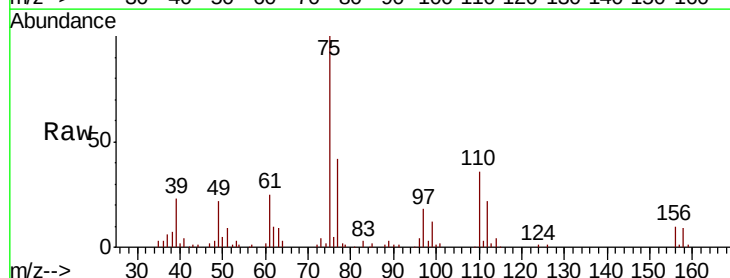
Acq: 06 Mar 2020 12:41

Tgt Ion: 75 Resp: 47649

Ion Ratio Lower Upper

75 100

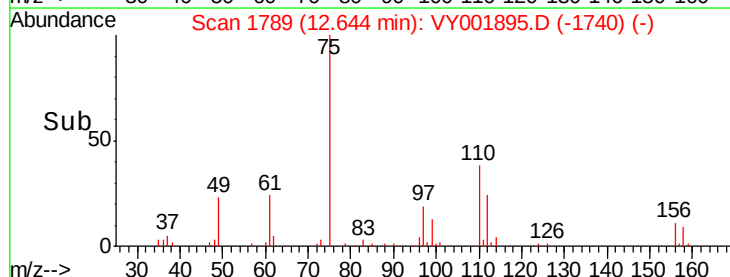
77 0.0 0.0 0.0

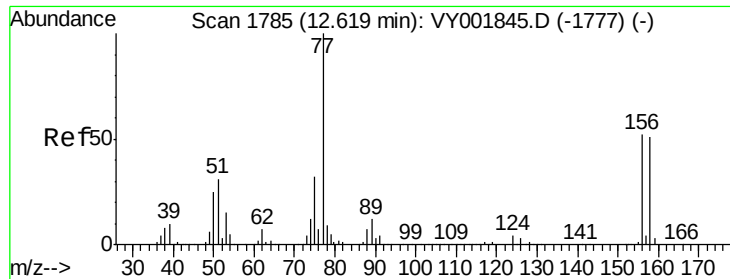


Abundance Ion 74.90 (74.60 to 75.60): VY001895.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001895.D (-1740) (-)

Time-->





#77

Bromobenzene

Concen: 19.424 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

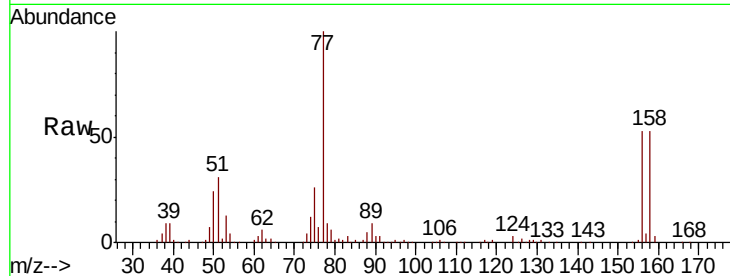
Tot Ion:156 Resp: 39900

Ion Ratio Lower Upper

156 100

77 210.6 109.0 327.0

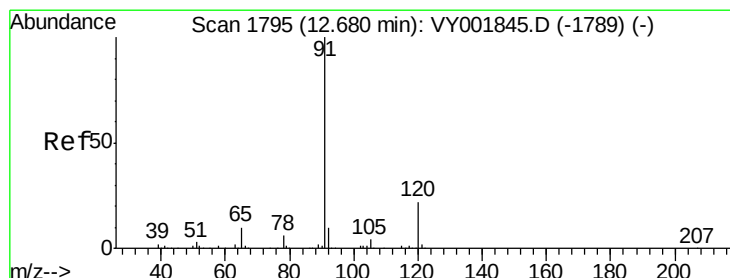
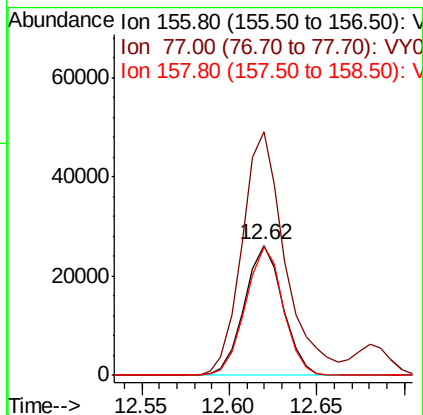
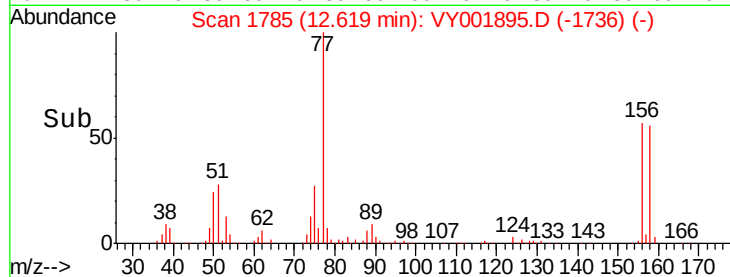
158 97.4 48.9 146.8



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: 19.707 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001895.D

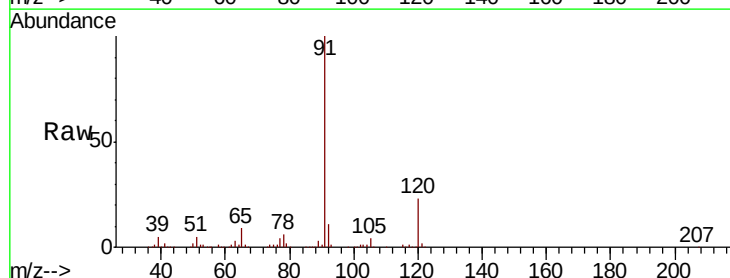
Acq: 06 Mar 2020 12:41

Tgt Ion: 91 Resp: 235720

Ion Ratio Lower Upper

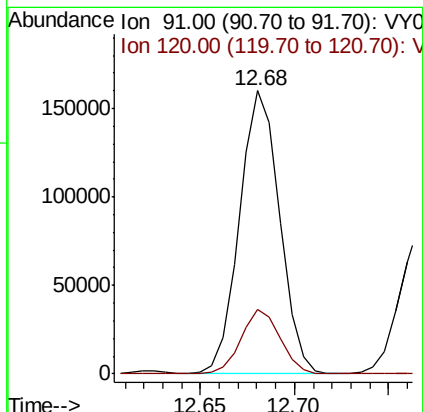
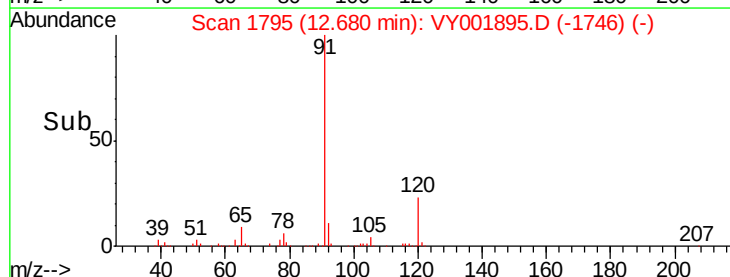
91 100

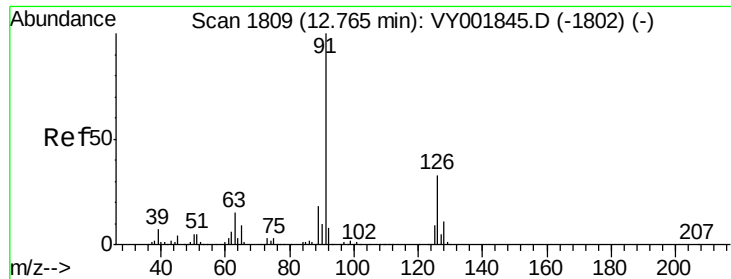
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.366 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

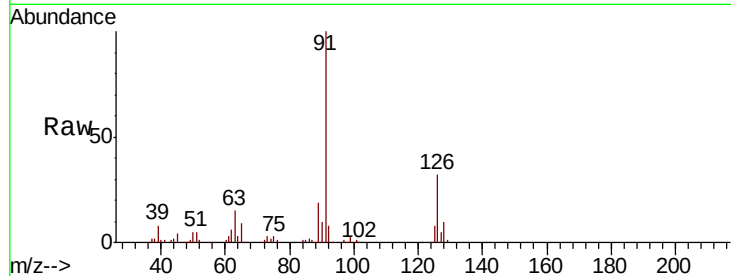
ClientSampleId :

Tot Ion: 91 Resp: 127978

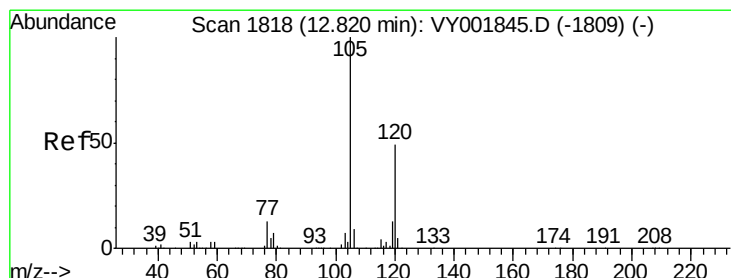
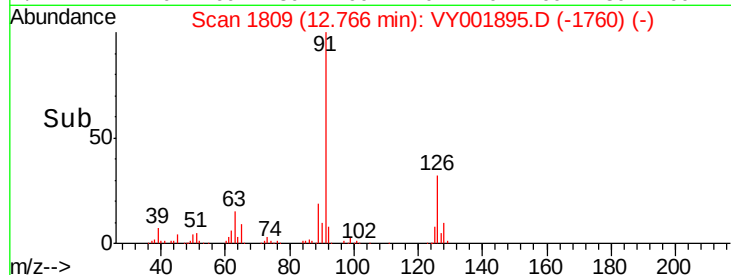
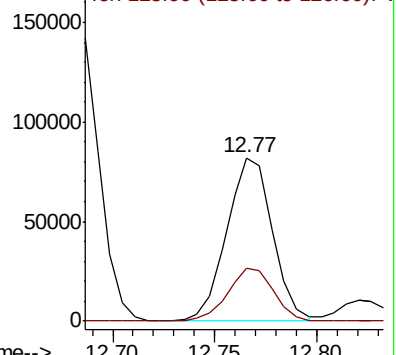
Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.686 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001895.D

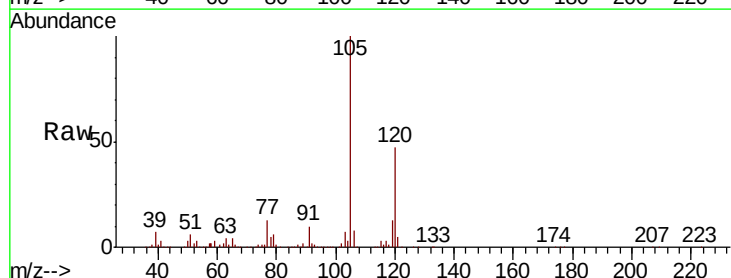
Acq: 06 Mar 2020 12:41

Tgt Ion: 105 Resp: 157129

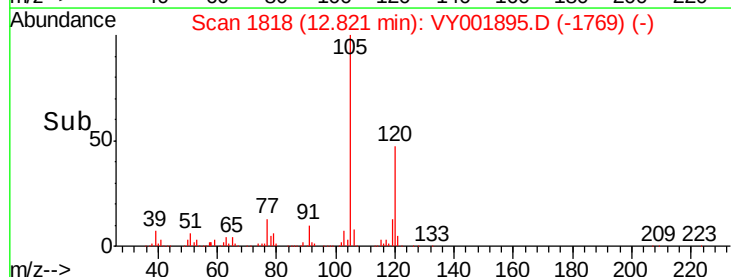
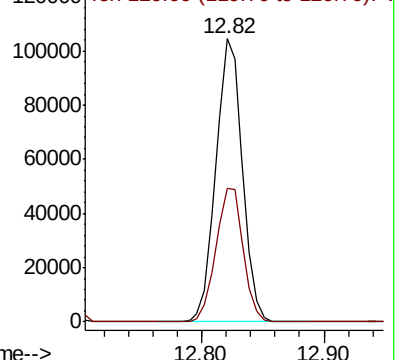
Ion Ratio Lower Upper

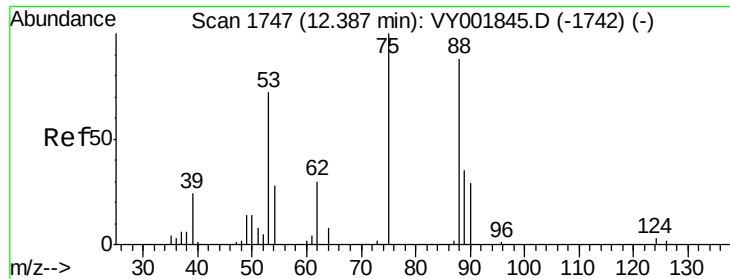
105 100

120 48.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.360 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

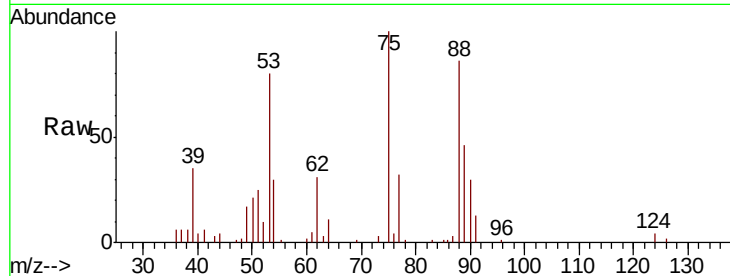
Tot Ion: 75 Resp: 12952

Ion Ratio Lower Upper

75 100

53 82.9 65.4 98.0

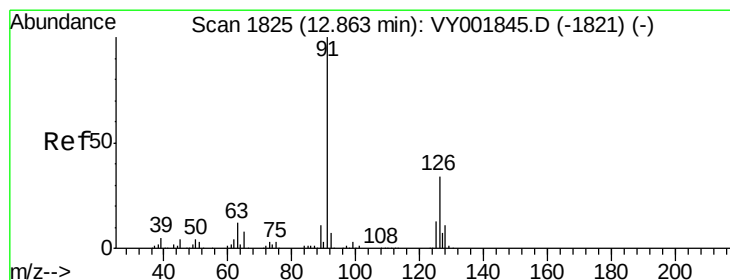
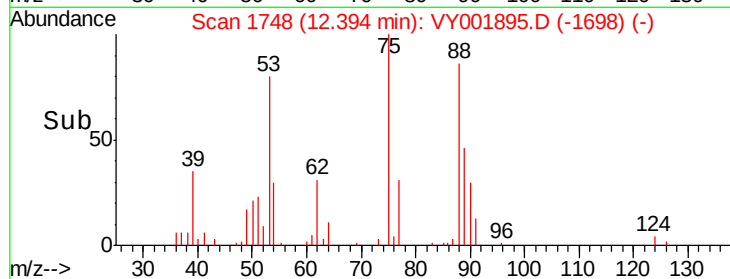
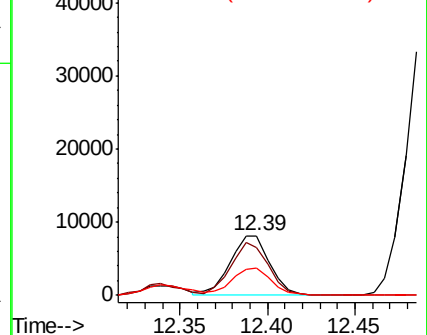
89 44.4 36.0 54.0



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: 19.649 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001895.D

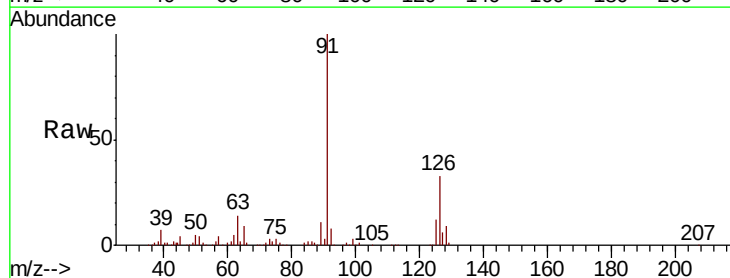
Acq: 06 Mar 2020 12:41

Tgt Ion: 91 Resp: 135198

Ion Ratio Lower Upper

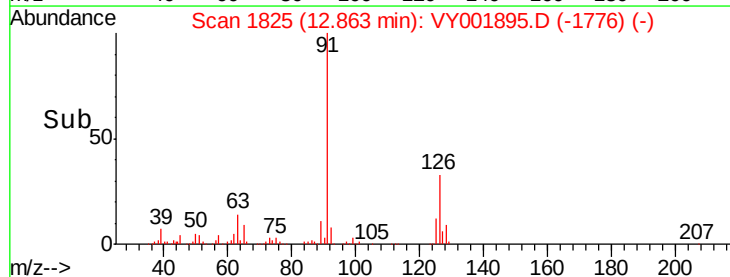
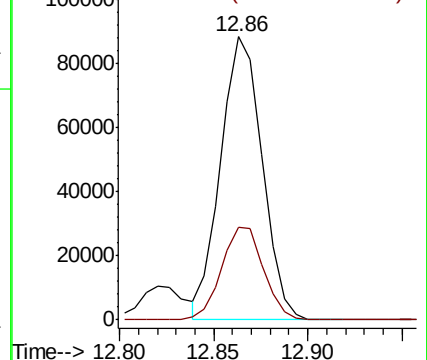
91 100

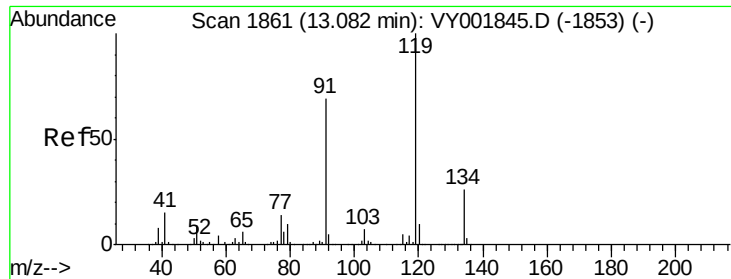
126 33.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

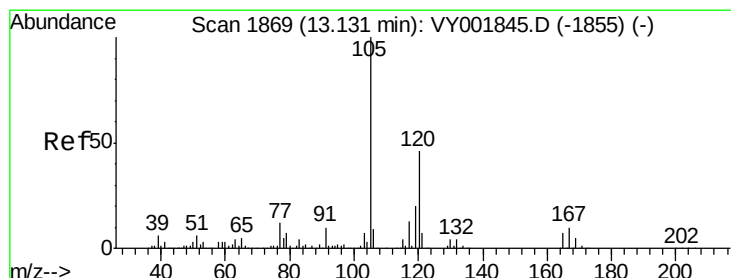
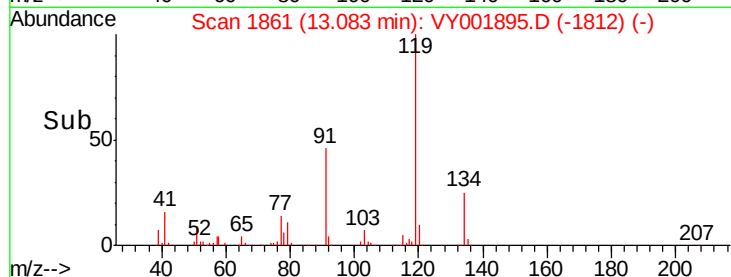
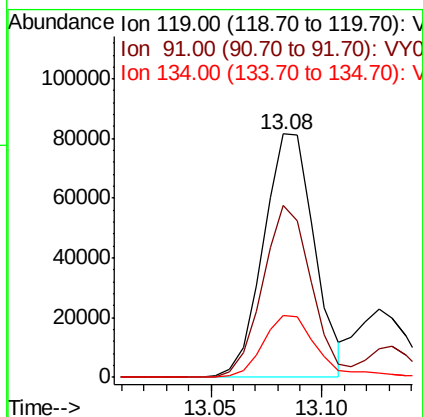
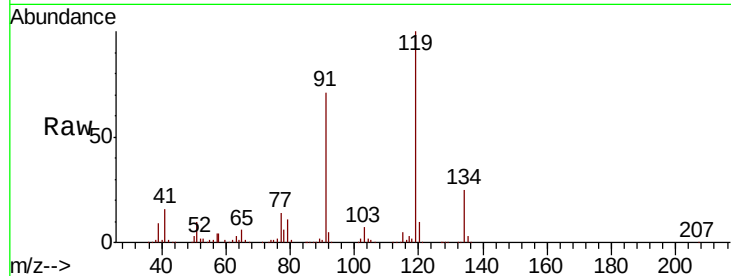




#83
tert-Butylbenzene
Concen: 19.503 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

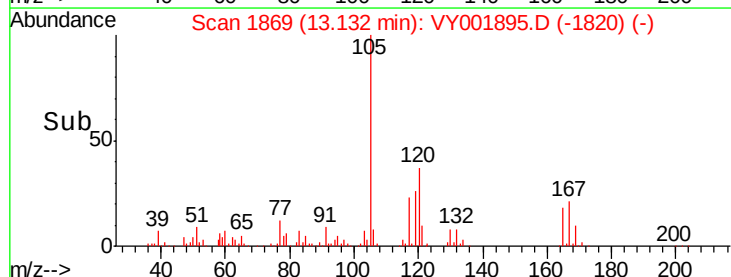
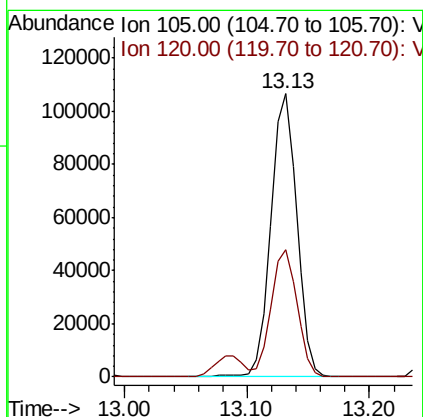
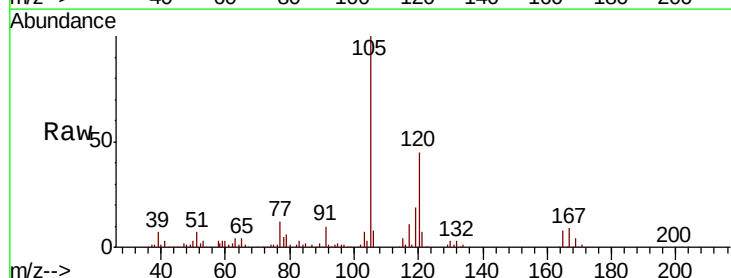
Instrument :
MSVOA_Y
ClientSampleId :

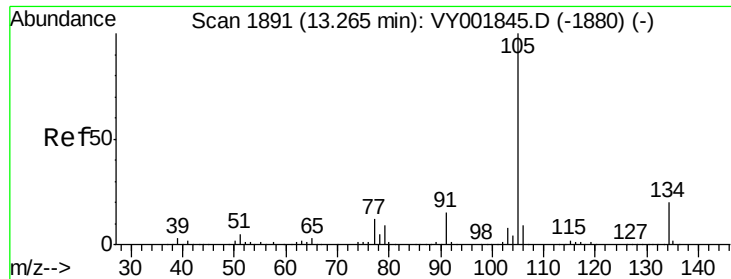
Tot Ion:119 Resp: 129292
Ion Ratio Lower Upper
119 100
91 67.9 34.0 101.8
134 27.2 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 19.840 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion:105 Resp: 157156
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.707 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

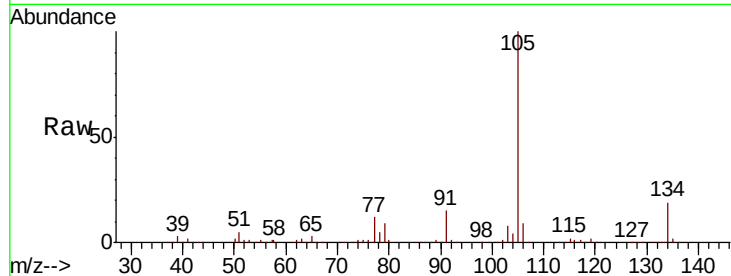
ClientSampled :

Tot Ion:105 Resp: 192570

Ion Ratio Lower Upper

105 100

134 19.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

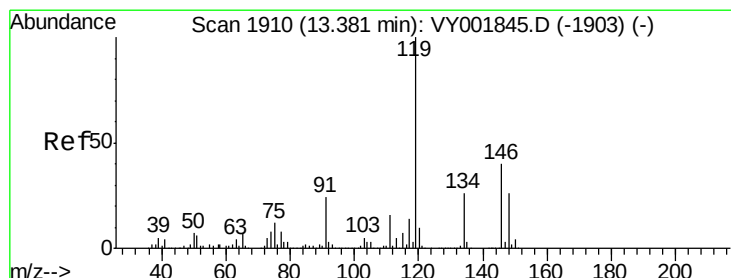
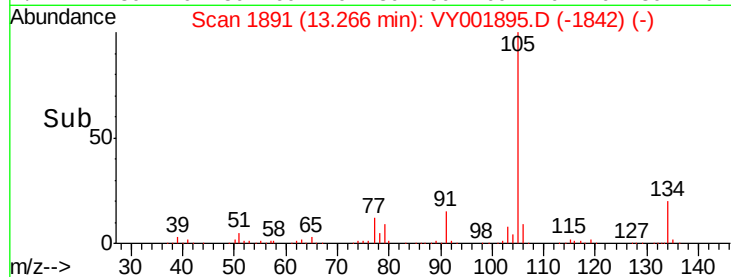
100000

50000

0

13.20 13.25 13.30 13.35

Time-->



#86

p-Isopropyltoluene

Concen: 19.955 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

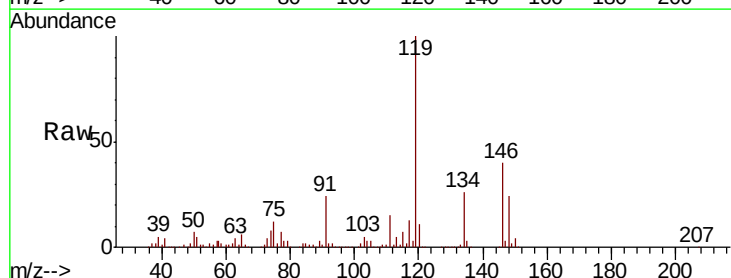
Tgt Ion:119 Resp: 168212

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.7 11.9 35.7



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

150000

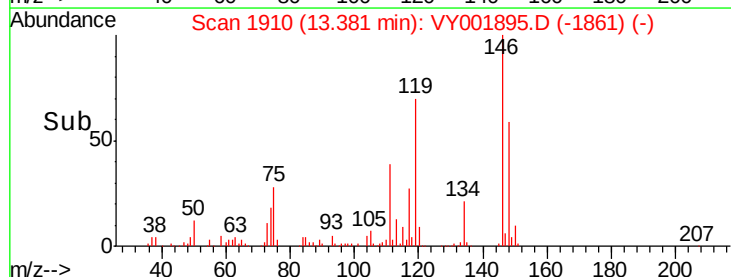
100000

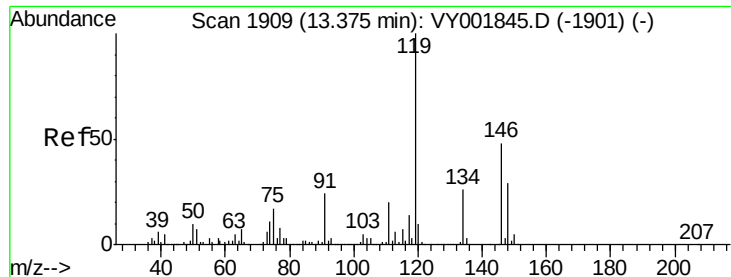
50000

0

13.30 13.35 13.40 13.45

Time-->

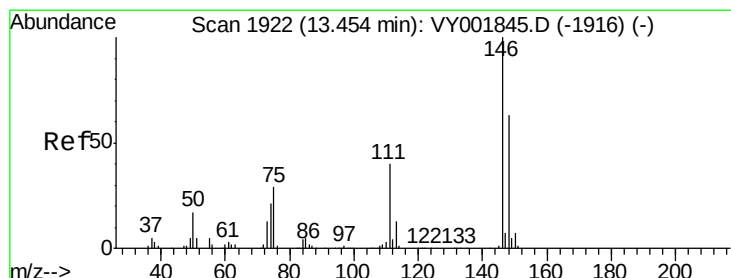
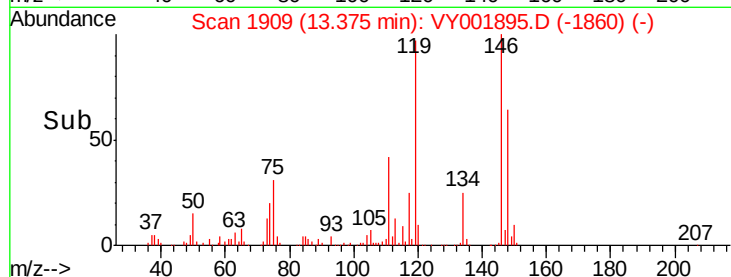
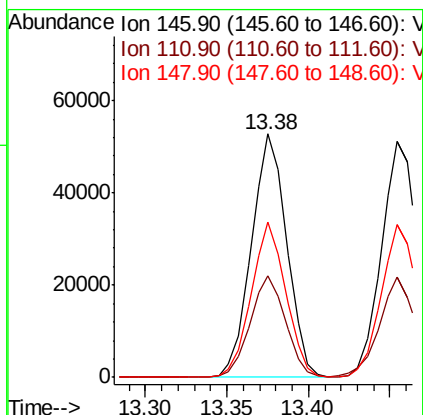
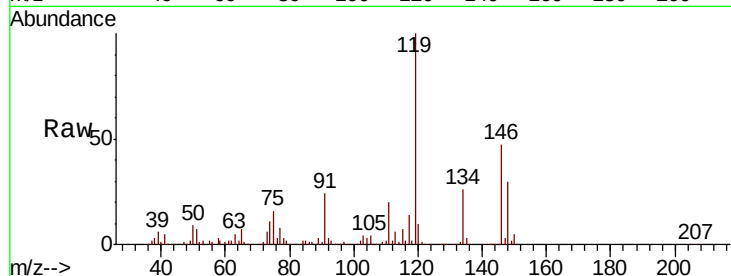




#87
 1,3-Dichlorobenzene
 Concen: 19.797 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

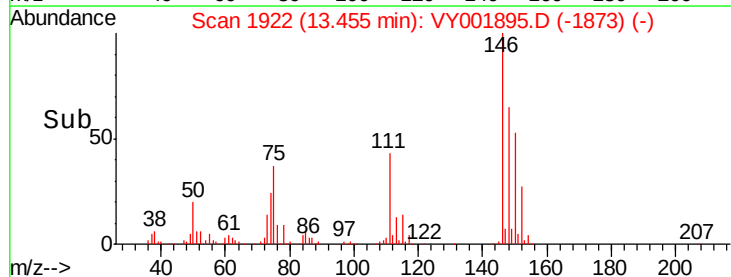
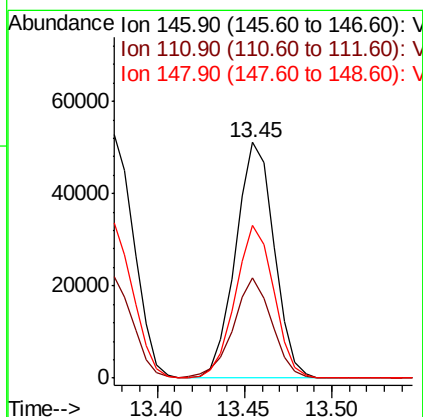
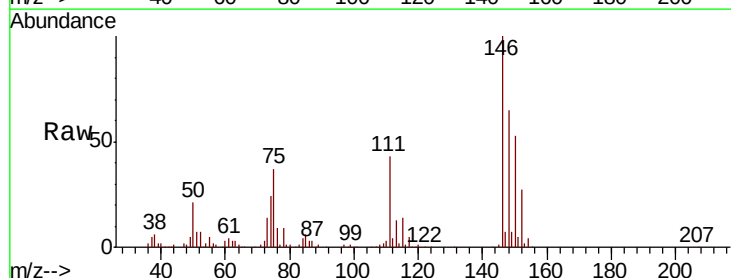
Instrument :
 MSVOA_Y
 ClientSampleId :

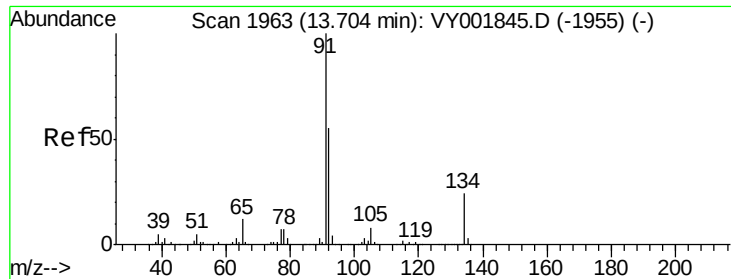
Tot Ion:146 Resp: 79691
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 62.2 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 19.207 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001895.D
 Acq: 06 Mar 2020 12:41

Tgt Ion:146 Resp: 78433
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.0 60.0
 148 64.8 31.5 94.5

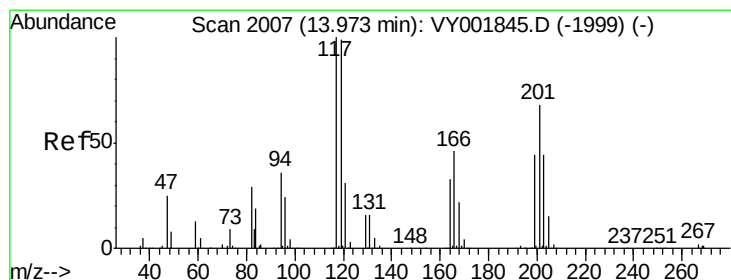
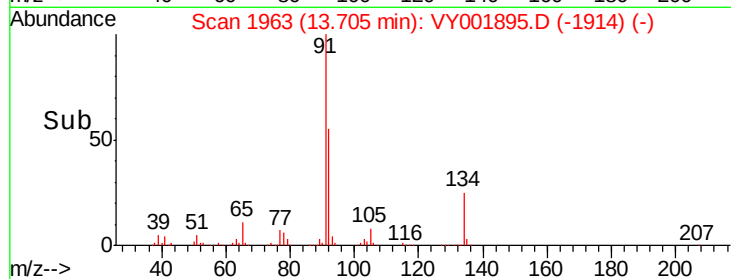
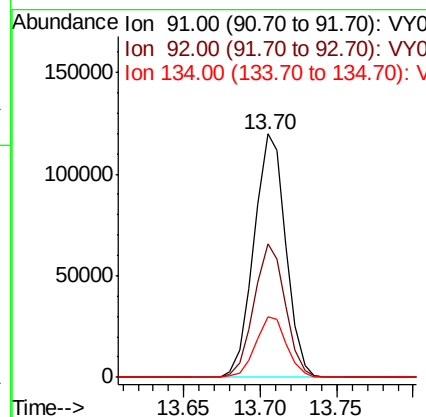
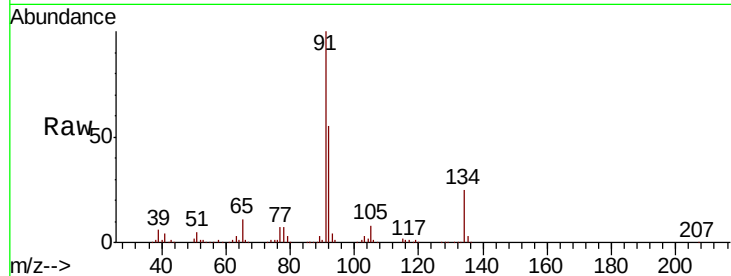




#89
n-Butylbenzene
Concen: 19.834 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

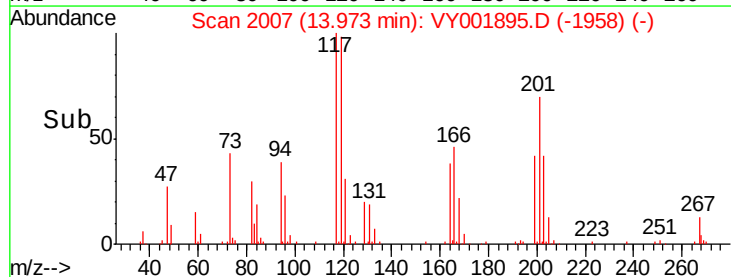
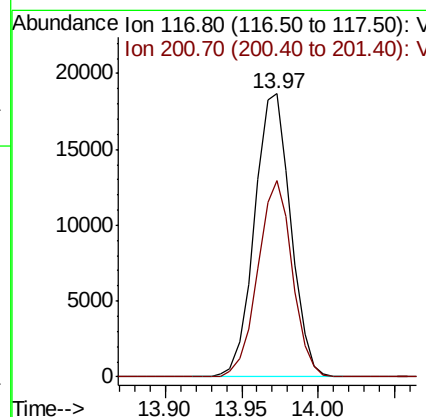
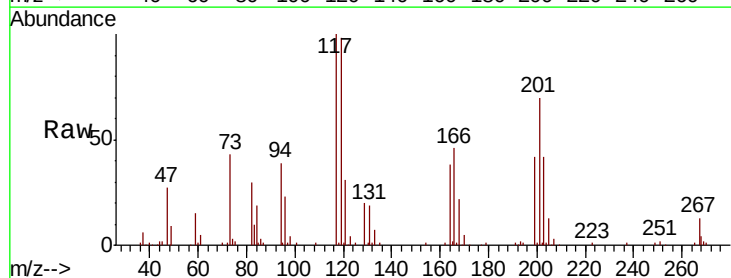
Instrument :
MSVOA_Y
ClientSampleId :

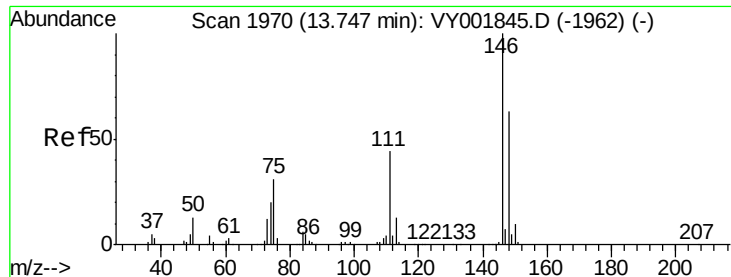
Tot Ion: 91 Resp: 173458
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.4 12.5 37.5



#90
Hexachloroethane
Concen: 19.277 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion: 117 Resp: 30654
Ion Ratio Lower Upper
117 100
201 66.1 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 19.552 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

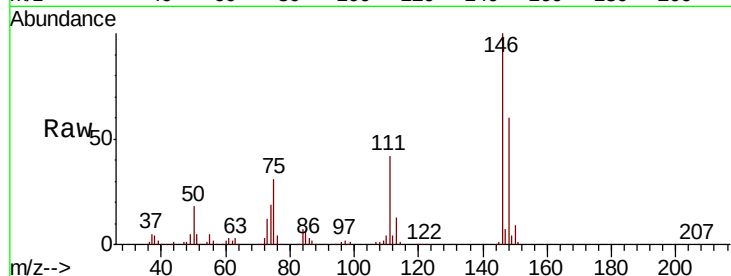
Tot Ion:146 Resp: 71502

Ion Ratio Lower Upper

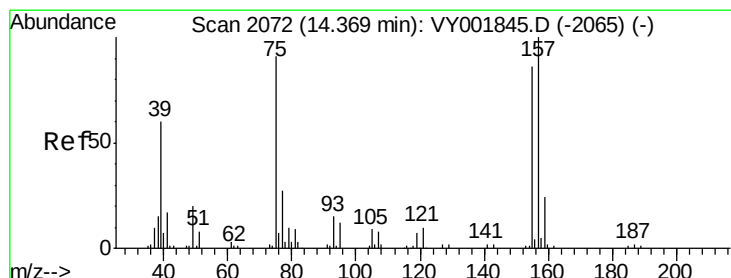
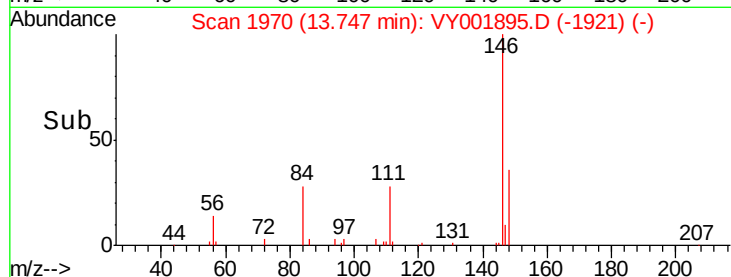
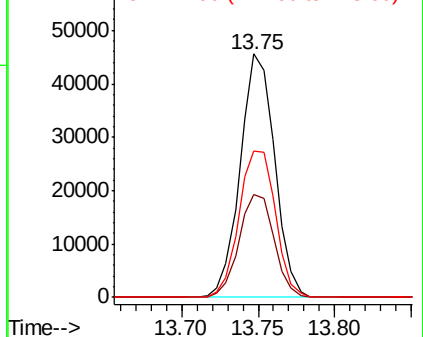
146 100

111 42.9 21.5 64.5

148 63.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.429 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

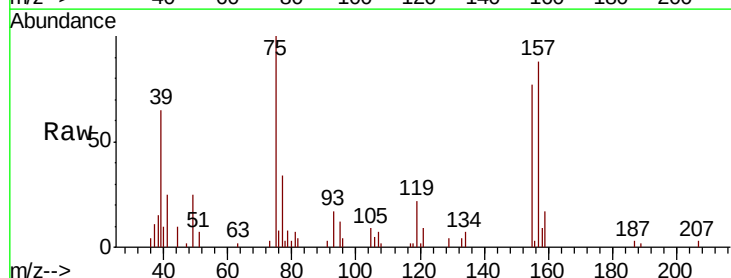
Tgt Ion: 75 Resp: 5360

Ion Ratio Lower Upper

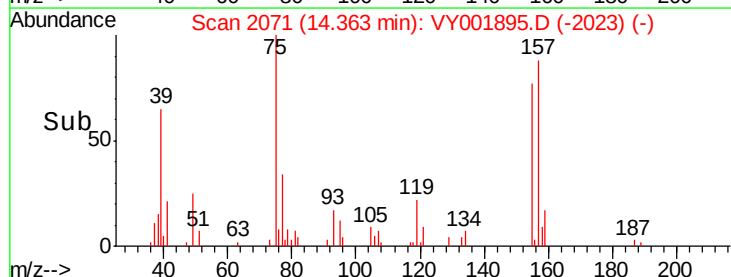
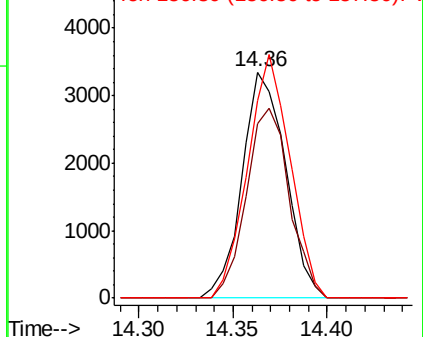
75 100

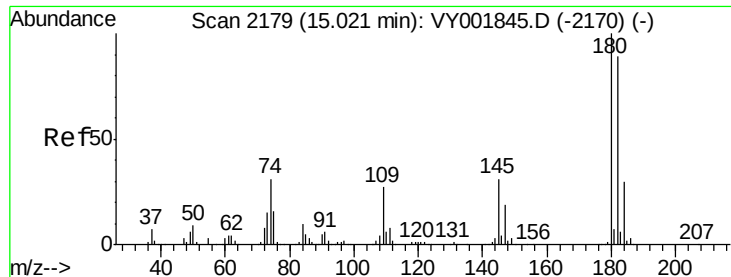
155 83.0 42.9 128.7

157 104.8 53.1 159.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

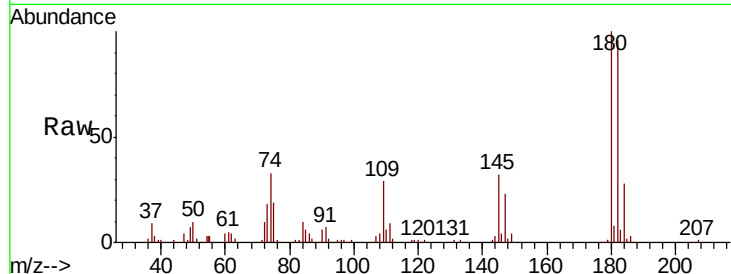




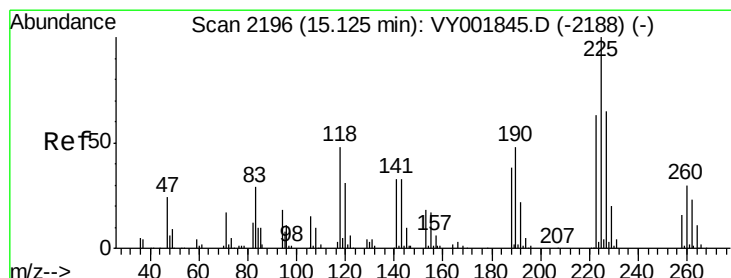
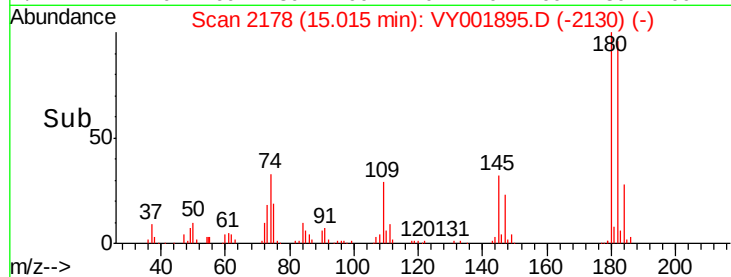
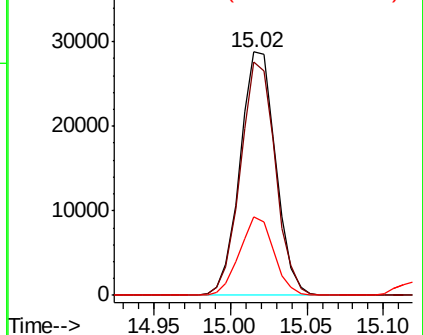
#93
1,2,4-Trichlorobenzene
Concen: 19.620 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 46531
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.3
145 31.1 15.6 46.8

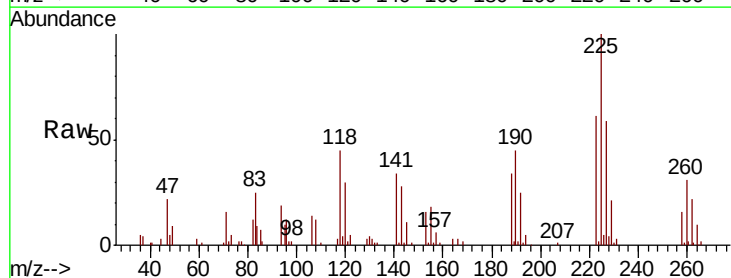


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

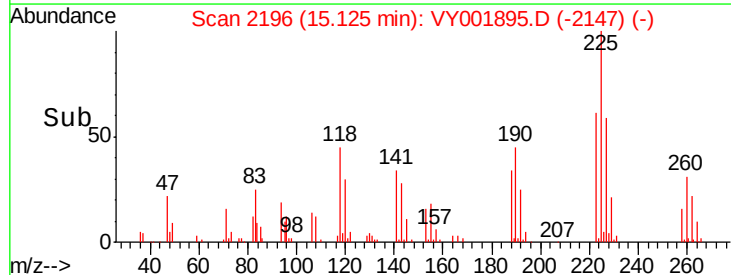
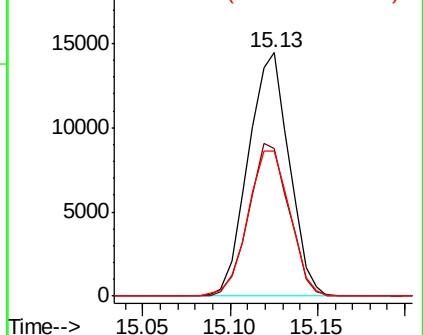


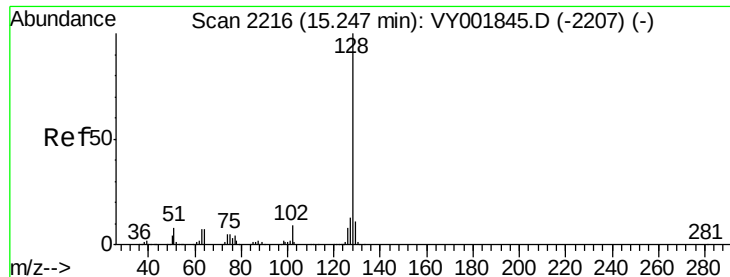
#94
Hexachlorobutadiene
Concen: 20.259 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY001895.D
Acq: 06 Mar 2020 12:41

Tgt Ion:225 Resp: 23424
Ion Ratio Lower Upper
225 100
223 61.7 31.5 94.5
227 61.4 31.9 95.5



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





#95

Naphthalene

Concen: 17.354 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

Instrument :

MSVOA_Y

ClientSampleId :

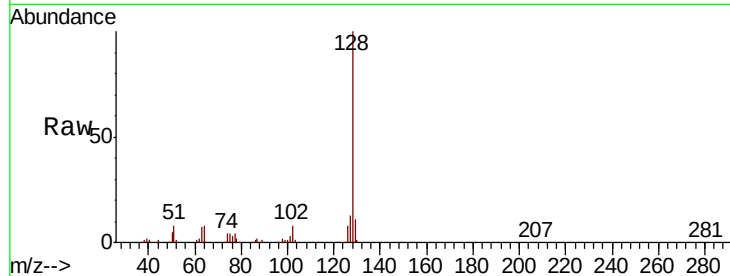
Tot Ion:128 Resp: 97624

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

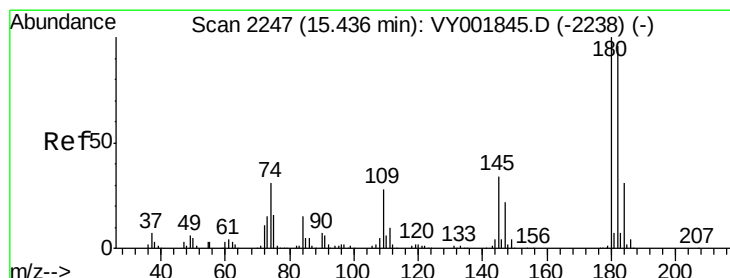
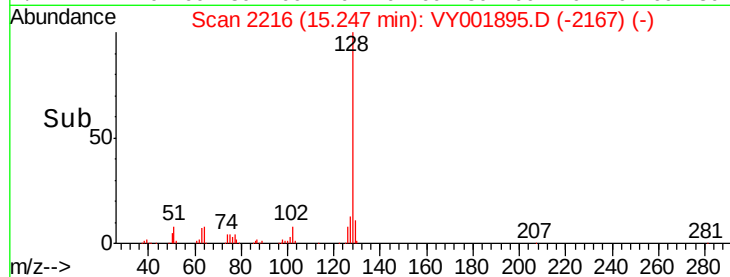
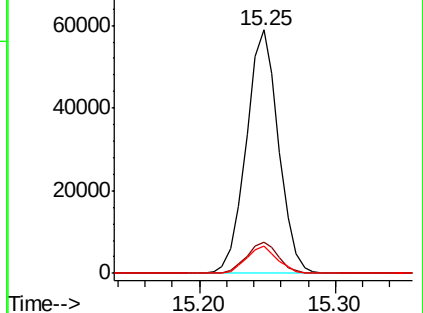
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.197 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001895.D

Acq: 06 Mar 2020 12:41

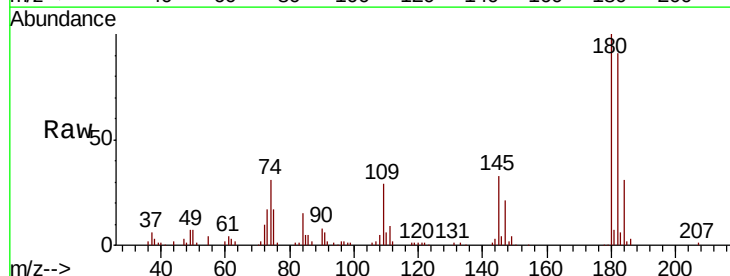
Tgt Ion:180 Resp: 40107

Ion Ratio Lower Upper

180 100

182 92.9 47.6 142.9

145 34.3 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

