

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002424.D
 Acq On : 20 Apr 2020 14:59
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 15:15:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	268270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	423570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	175500	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	279799	99.51	ug/l	0.00
Spiked Amount			Recovery	=	199.02%	
35) Dibromofluoromethane	7.74	113	316694	128.09	ug/l	0.00
Spiked Amount			Recovery	=	256.18%	
50) Toluene-d8	10.19	98	1237543	120.65	ug/l	0.00
Spiked Amount			Recovery	=	241.30%	
62) 4-Bromofluorobenzene	12.49	95	401721	119.03	ug/l	0.00
Spiked Amount			Recovery	=	238.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	263964	102.365	ug/l	98
3) Chloromethane	2.12	50	324833	100.591	ug/l	100
4) Vinyl Chloride	2.26	62	357542	103.534	ug/l	98
5) Bromomethane	2.65	94	207156	97.187	ug/l	98
6) Chloroethane	2.80	64	208592	104.923	ug/l	96
7) Trichlorofluoromethane	3.13	101	552599	121.383	ug/l	99
8) Diethyl Ether	3.54	74	221620	115.650	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	356650	115.797	ug/l	99
10) Methyl Iodide	4.11	142	553970	149.993	ug/l	100
11) Tert butyl alcohol	4.99	59	139011	370.342	ug/l	100
12) 1,1-Dichloroethene	3.89	96	375638	119.565	ug/l	97
13) Acrolein	3.74	56	180346	492.882	ug/l	99
14) Allyl chloride	4.50	41	472974	96.842	ug/l	98
15) Acrylonitrile	5.19	53	463881	480.055	ug/l	99
16) Acetone	3.97	43	363059	487.856	ug/l	98
17) Carbon Disulfide	4.21	76	1173919	113.796	ug/l	99
18) Methyl Acetate	4.50	43	205547	90.024	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	875760	107.928	ug/l	100
20) Methylene Chloride	4.74	84	391929	105.062	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	400034	114.052	ug/l	94
22) Diisopropyl ether	6.14	45	891764	90.937	ug/l	98
23) Vinyl Acetate	6.08	43	2849939	454.745	ug/l	99
24) 1,1-Dichloroethane	6.04	63	581816	102.622	ug/l	99
25) 2-Butanone	7.00	43	510196	437.038	ug/l	98
26) 2,2-Dichloropropane	7.00	77	510228	106.590	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	438584	114.911	ug/l	99
28) Bromochloromethane	7.35	49	208848	87.152	ug/l	99
29) Tetrahydrofuran	7.36	42	328771	427.306	ug/l	98
30) Chloroform	7.52	83	605900	112.238	ug/l	98
31) Cyclohexane	7.80	56	557817	94.295	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	546410	121.016	ug/l	99
36) 1,1-Dichloropropene	7.93	75	493502	121.552	ug/l	99
37) Ethyl Acetate	7.09	43	220406	96.893	ug/l	99
38) Carbon Tetrachloride	7.91	117	507983	142.418	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	678737	122.551	ug/l	100
40) Benzene	8.18	78	1525900	123.541	ug/l	100
41) Methacrylonitrile	7.35	41	296820	222.014	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	364953	119.898	ug/l	98
43) Isopropyl Acetate	8.28	43	425741	102.817	ug/l	99
44) Trichloroethene	8.95	130	499514	134.145	ug/l	98
45) 1,2-Dichloropropane	9.22	63	348134	115.117	ug/l	99
46) Dibromomethane	9.32	93	200128	124.255	ug/l	99
47) Bromodichloromethane	9.50	83	470692	127.687	ug/l	97
48) Methyl methacrylate	9.30	41	188428	101.340	ug/l	97
49) 1,4-Dioxane	9.31	88	56118	2450.539	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	1065929	492.045	ug/l	99
52) Toluene	10.25	92	953135	127.383	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	503327	125.899	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	600645	125.058	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	296205	125.407	ug/l	99
56) Ethyl methacrylate	10.52	69	396125	119.278	ug/l	99
57) 1,3-Dichloropropane	10.80	76	491574	119.631	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	925006	536.818	ug/l	99
59) 2-Hexanone	10.84	43	754334	502.099	ug/l	98
60) Dibromochloromethane	10.99	129	372575	145.106	ug/l	100
61) 1,2-Dibromoethane	11.10	107	296440	131.047	ug/l	99
64) Tetrachloroethene	10.72	164	561624	146.142	ug/l	98
65) Chlorobenzene	11.52	112	1040655	134.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	365919	142.309	ug/l	99
67) Ethyl Benzene	11.60	91	1796935	128.371	ug/l	100
68) m/p-Xylenes	11.71	106	1384062	262.288	ug/l	98
69) o-Xylene	12.03	106	647354	130.672	ug/l	98
70) Styrene	12.05	104	1108942	129.210	ug/l	98
71) Bromoform	12.21	173	226690	158.957	ug/l	99
73) Isopropylbenzene	12.33	105	1721360	128.307	ug/l	99
74) N-amyl acetate	12.14	43	372705	100.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	217639	133.849	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	409836	210.024	ug/l #	100
77) Bromobenzene	12.61	156	427698	141.878	ug/l	98
78) n-propylbenzene	12.67	91	2028445	122.319	ug/l	99
79) 2-Chlorotoluene	12.76	91	1113651	123.501	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1408374	127.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	119183	118.533	ug/l	99
82) 4-Chlorotoluene	12.86	91	1164018	123.162	ug/l #	100
83) tert-Butylbenzene	13.08	119	1222759	131.151	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	1392637	125.695	ug/l	99
85) sec-Butylbenzene	13.25	105	1701609	122.824	ug/l	100
86) p-Isopropyltoluene	13.37	119	1523229	127.025	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	760323	130.843	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	778889	131.880	ug/l	99
89) n-Butylbenzene	13.70	91	1439104	118.450	ug/l	99
90) Hexachloroethane	13.97	117	304081	133.332	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	700668	132.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	45538	116.706	ug/l	97

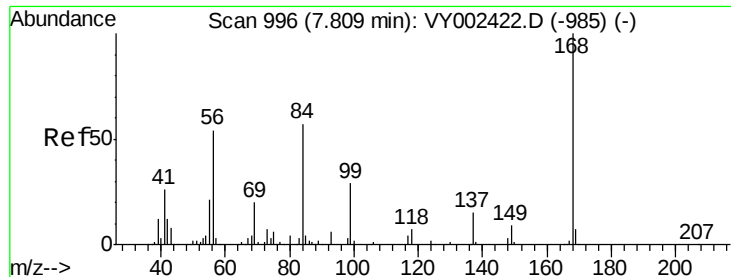
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	497214	141.489	ug/l	100
94) Hexachlorobutadiene	15.12	225	277616	155.009	ug/l	99
95) Naphthalene	15.24	128	989248	131.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	431526	141.482	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

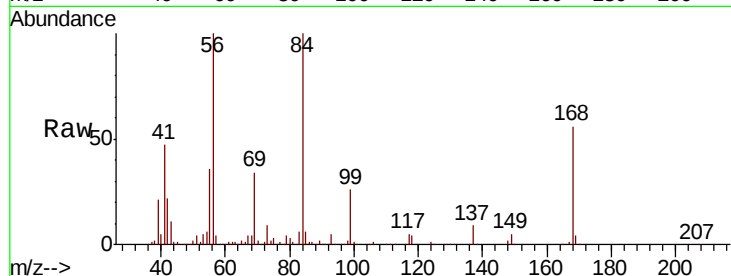
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 268270

Ion Ratio Lower Upper

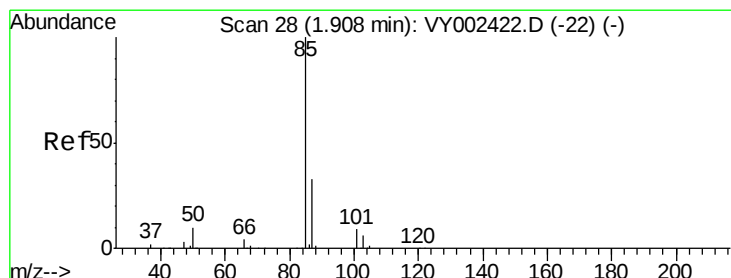
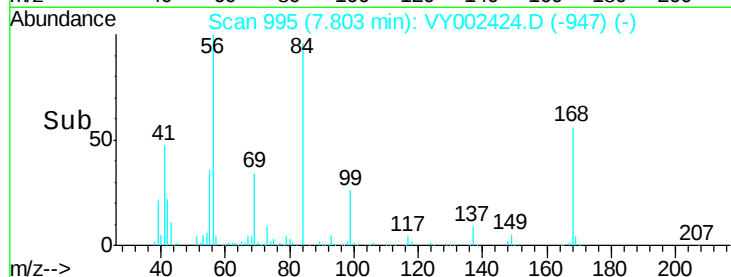
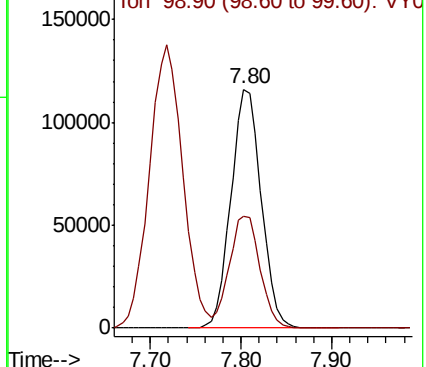
168 100

99 46.7 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 102.365 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002424.D

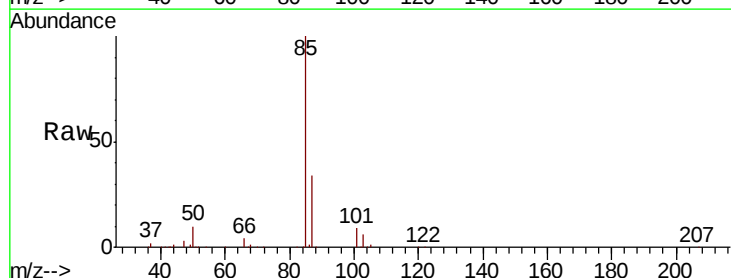
Acq: 20 Apr 2020 14:59

Tgt Ion: 85 Resp: 263964

Ion Ratio Lower Upper

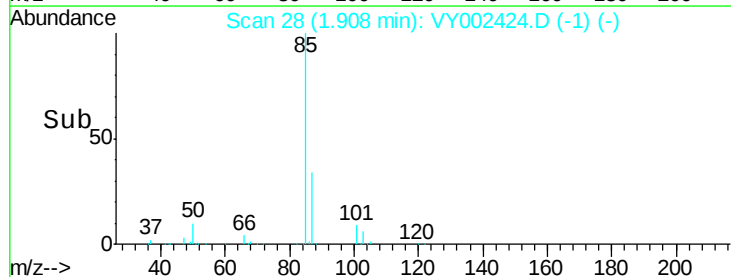
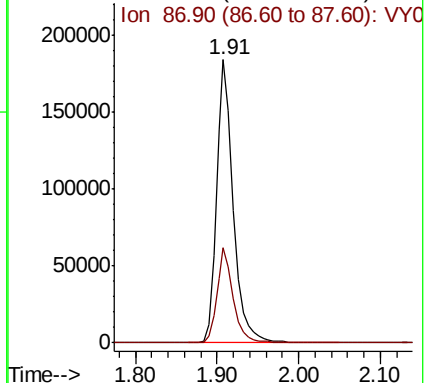
85 100

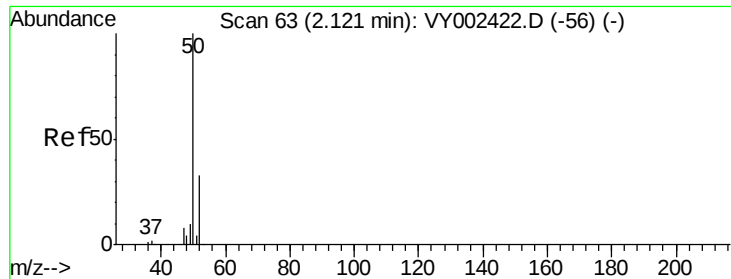
87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002422.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002422.D (-22) (-)





#3

Chloromethane

Concen: 100.591 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

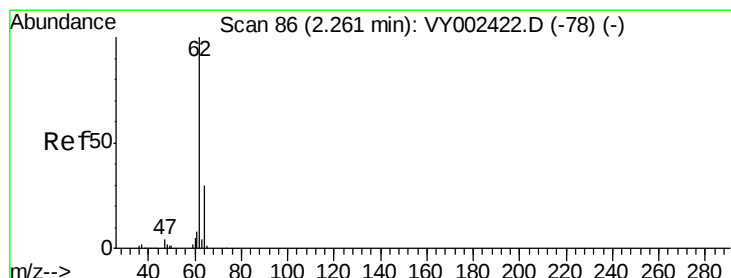
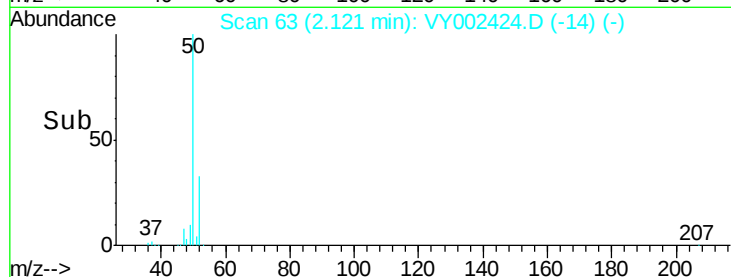
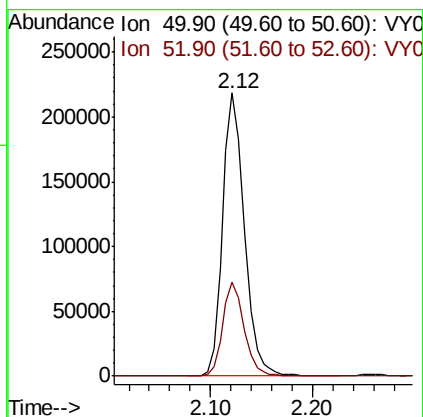
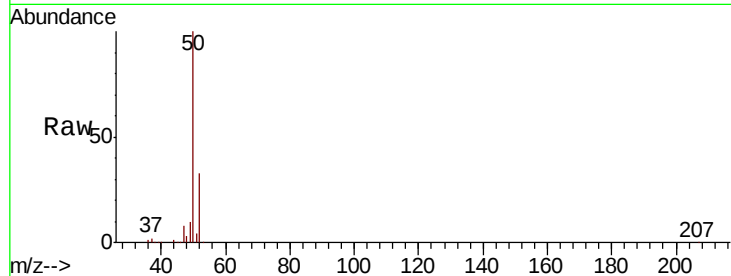
ClientSampleId :

Tot Ion: 50 Resp: 324833

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 103.534 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002424.D

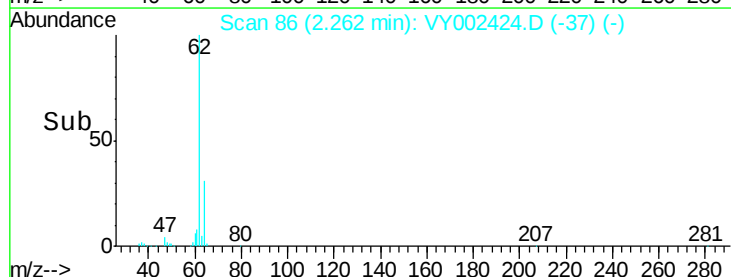
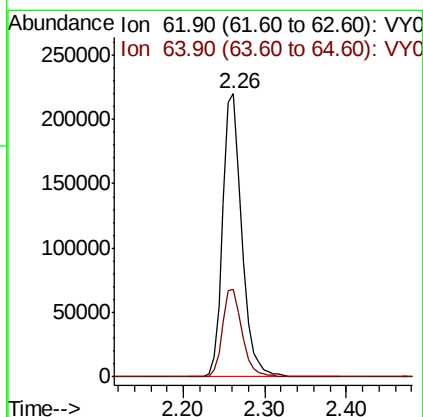
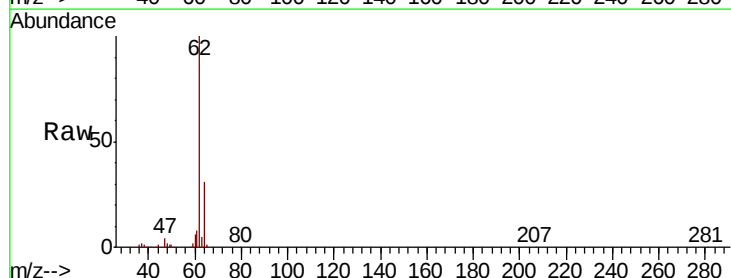
Acq: 20 Apr 2020 14:59

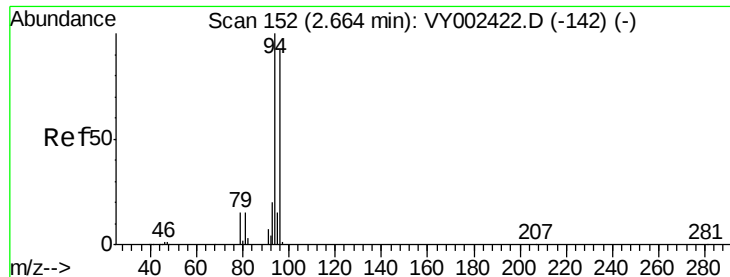
Tgt Ion: 62 Resp: 357542

Ion Ratio Lower Upper

62 100

64 31.0 24.1 36.1





#5

Bromomethane

Concen: 97.187 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

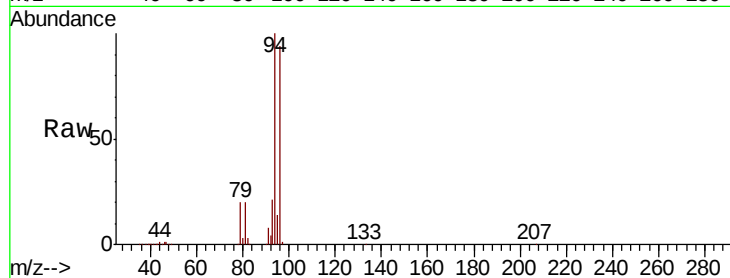
ClientSampleId :

Tot Ion: 94 Resp: 207156

Ion Ratio Lower Upper

94 100

96 93.7 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

100000

80000

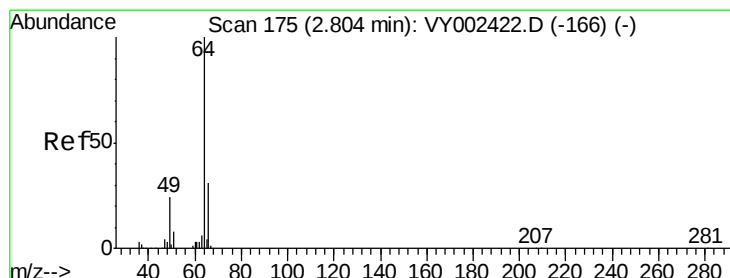
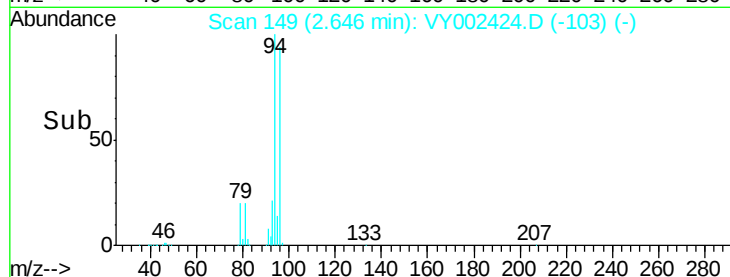
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 104.923 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002424.D

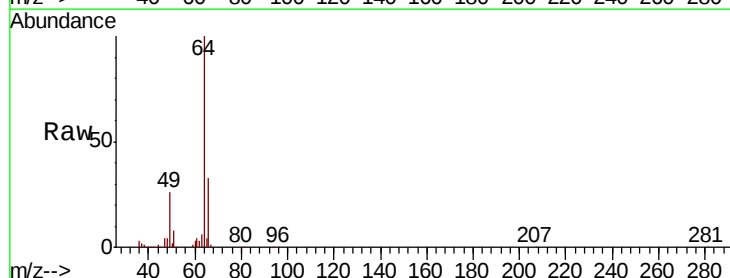
Acq: 20 Apr 2020 14:59

Tgt Ion: 64 Resp: 208592

Ion Ratio Lower Upper

64 100

66 33.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

100000

80000

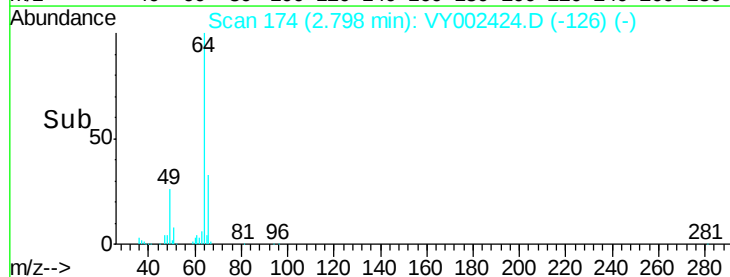
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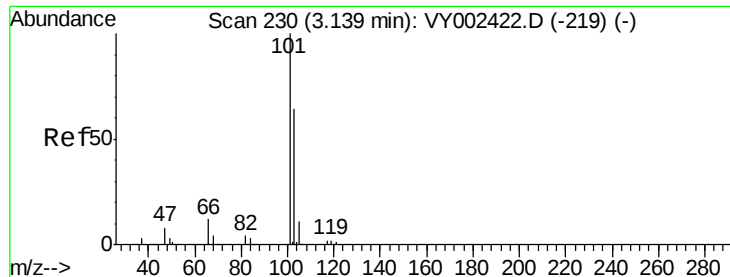
40000

20000

0

Time--> 2.70 2.80 2.90 3.00



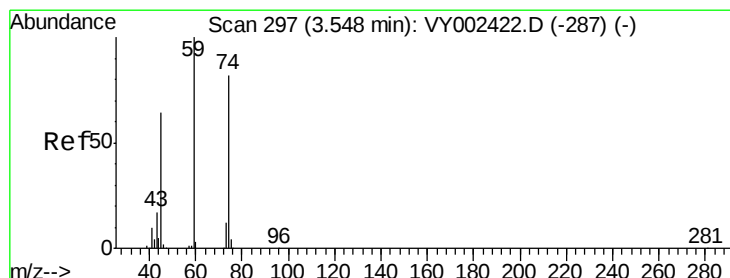
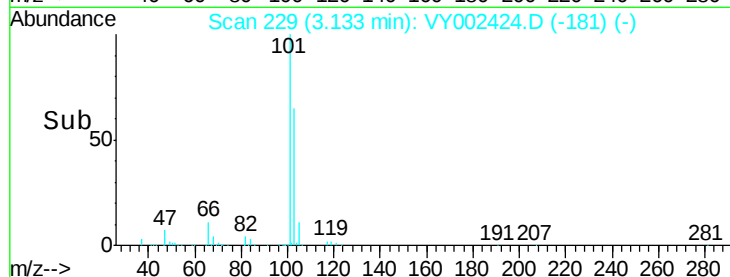
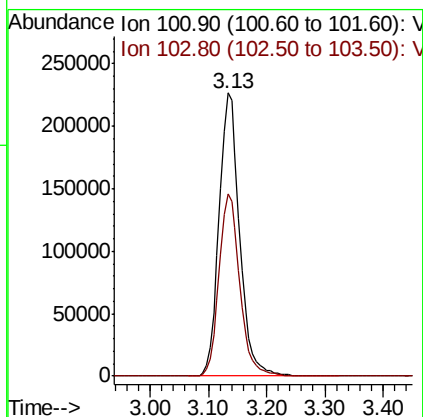
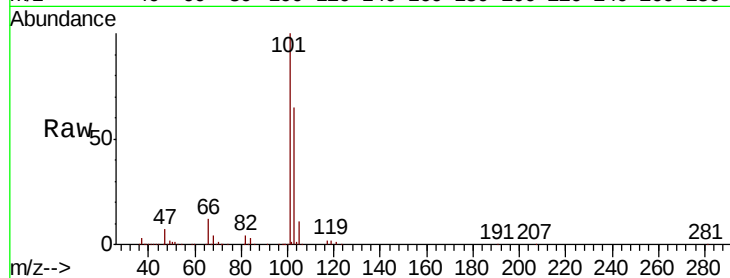


#7

Trichlorofluoromethane
 Concen: 121.383 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :

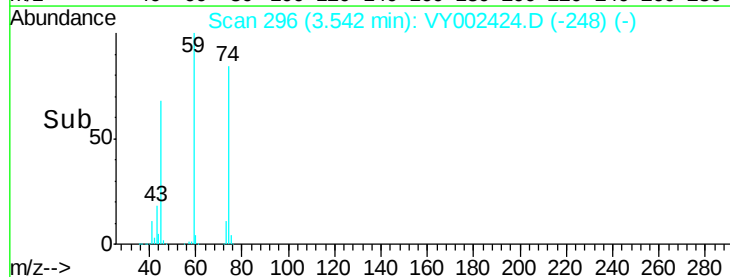
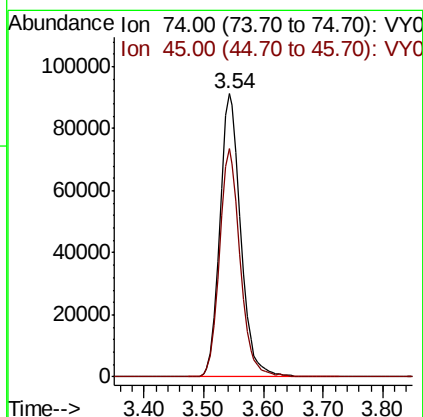
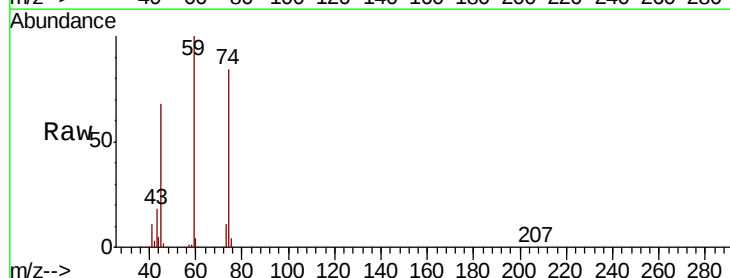
Tot Ion:101 Resp: 552599
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.8 76.2

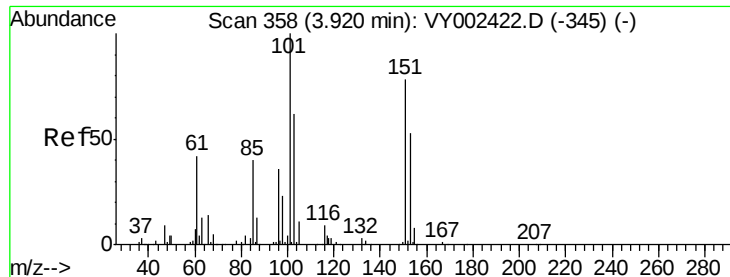


#8

Diethyl Ether
 Concen: 115.650 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion: 74 Resp: 221620
 Ion Ratio Lower Upper
 74 100
 45 80.1 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 115.797 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

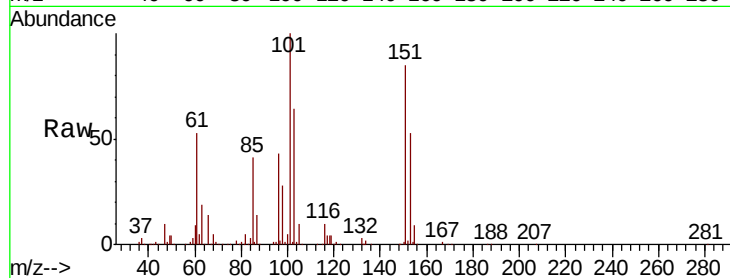
Tot Ion:101 Resp: 356650

Ion Ratio Lower Upper

101 100

85 40.9 32.2 48.4

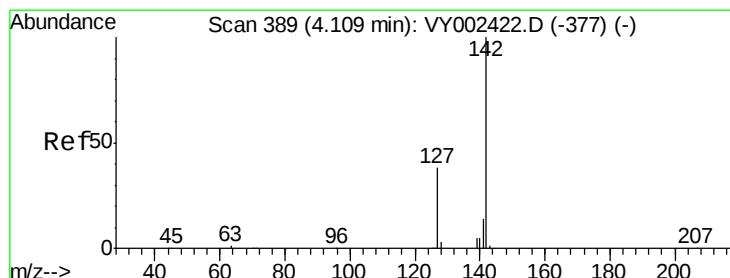
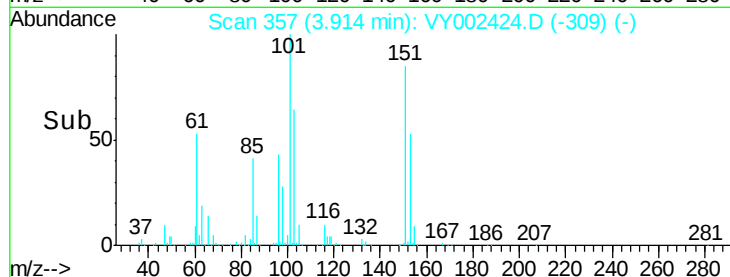
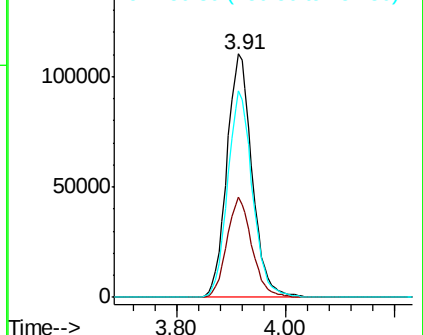
151 83.8 67.3 100.9



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: 149.993 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

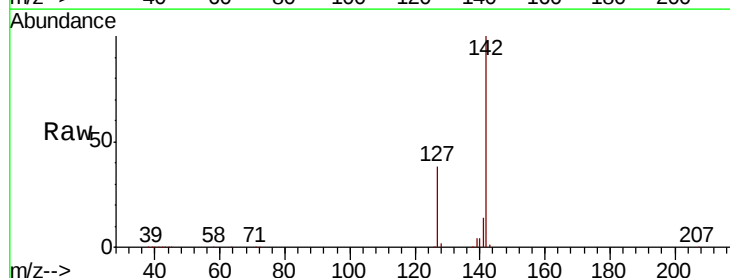
Tgt Ion:142 Resp: 553970

Ion Ratio Lower Upper

142 100

127 38.1 30.7 46.1

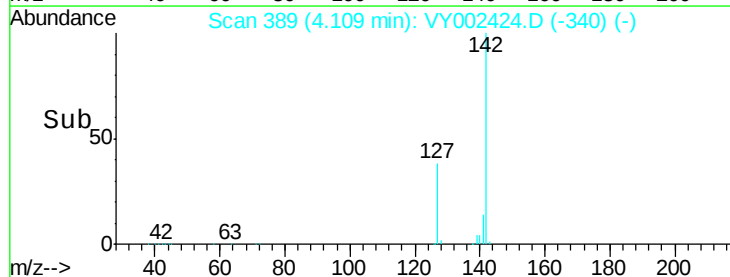
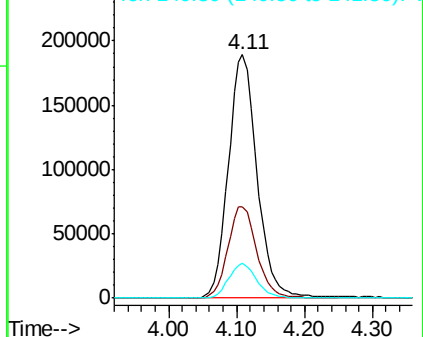
141 14.0 11.4 17.2

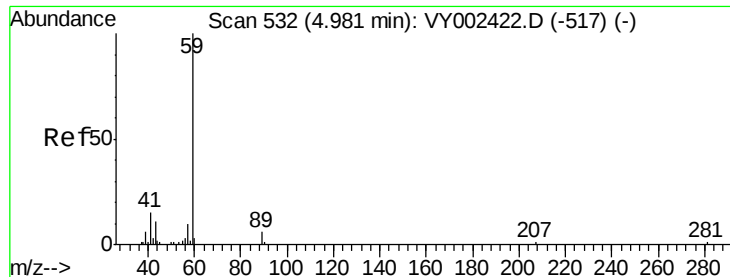


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



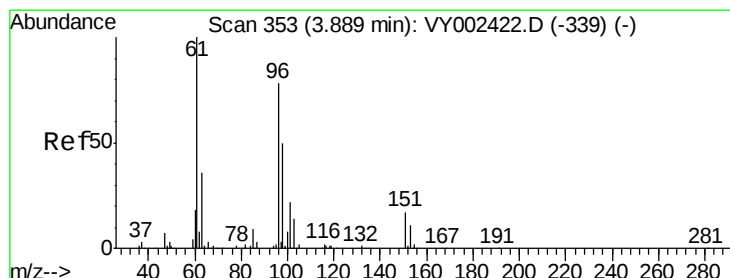
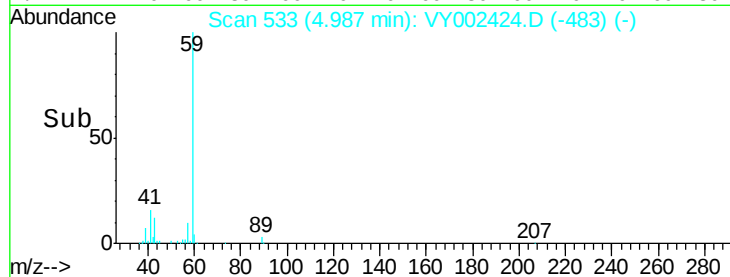
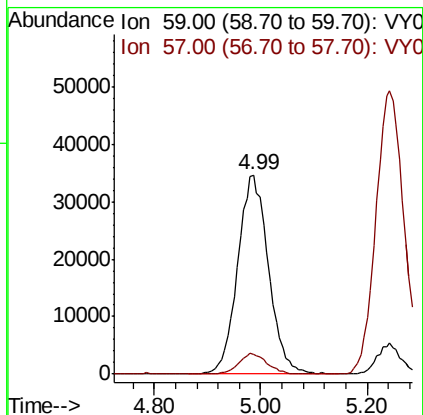
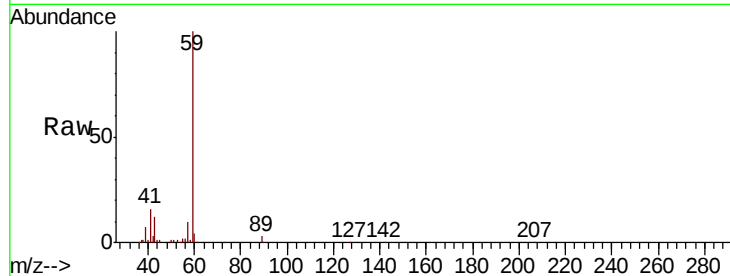


#11

Tert butyl alcohol
 Concen: 370.342 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Instrument :
 MSVOA_Y
 ClientSampled :

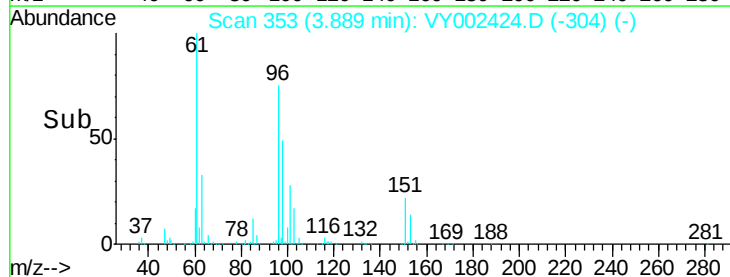
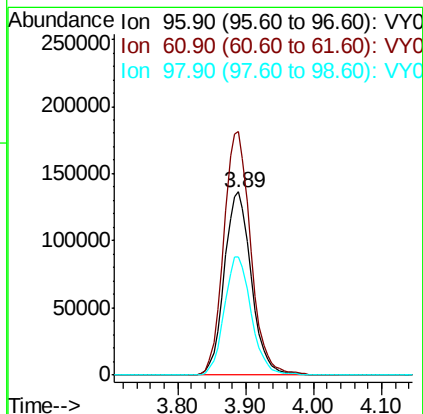
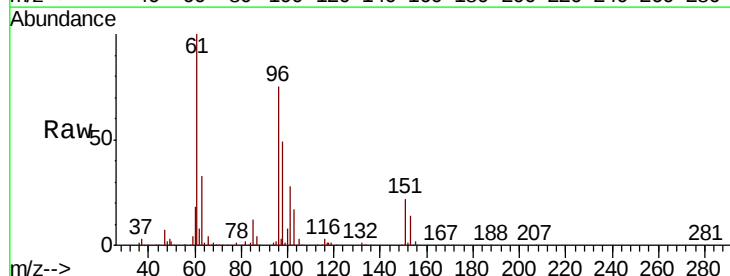
Tot Ion: 59 Resp: 139011
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.4 11.2

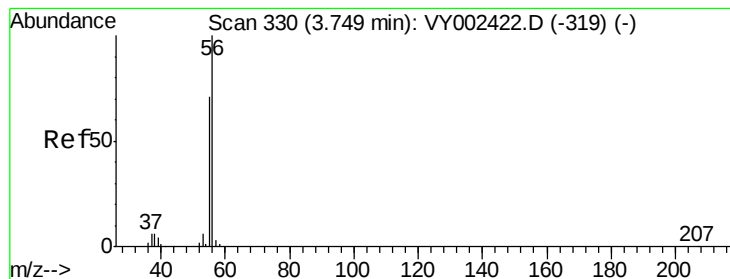


#12

1,1-Dichloroethene
 Concen: 119.565 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion: 96 Resp: 375638
 Ion Ratio Lower Upper
 96 100
 61 132.9 102.1 153.1
 98 64.8 51.3 76.9





#13

Acrolein

Concen: 492.882 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

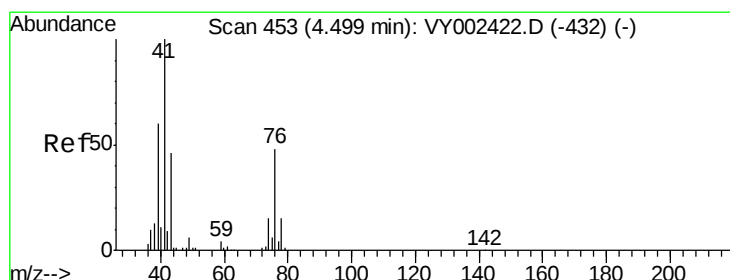
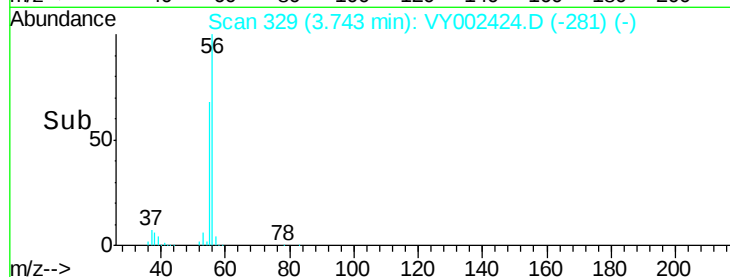
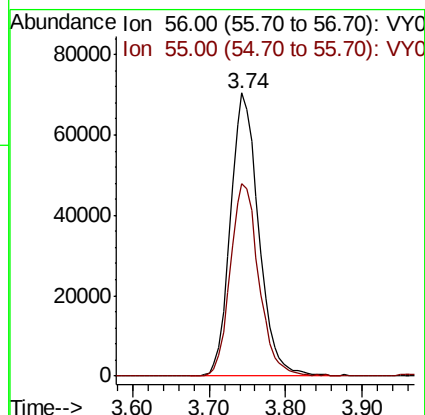
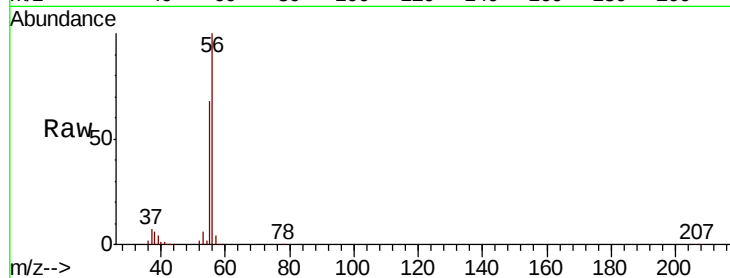
ClientSampleId :

Tot Ion: 56 Resp: 180346

Ion Ratio Lower Upper

56 100

55 68.8 55.9 83.9



#14

Allyl chloride

Concen: 96.842 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

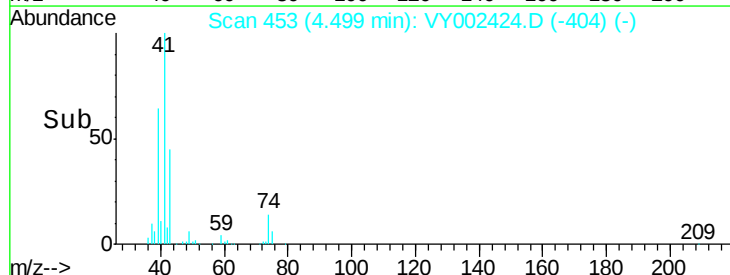
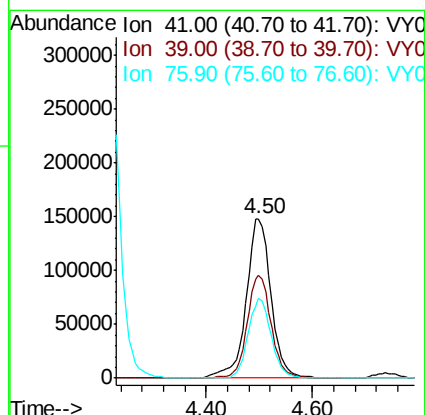
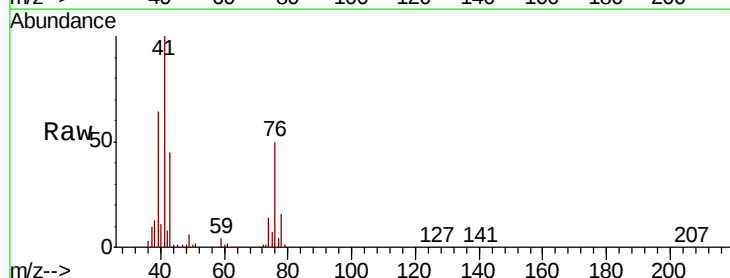
Tgt Ion: 41 Resp: 472974

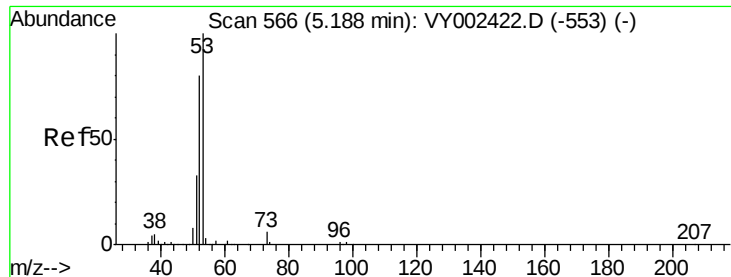
Ion Ratio Lower Upper

41 100

39 62.4 49.1 73.7

76 46.9 38.6 57.8





#15

Acrylonitrile

Concen: 480.055 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

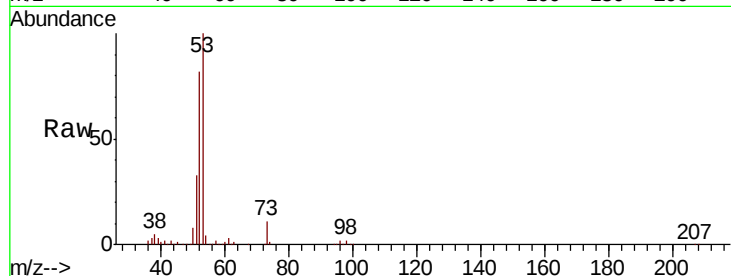
Tot Ion: 53 Resp: 463881

Ion Ratio Lower Upper

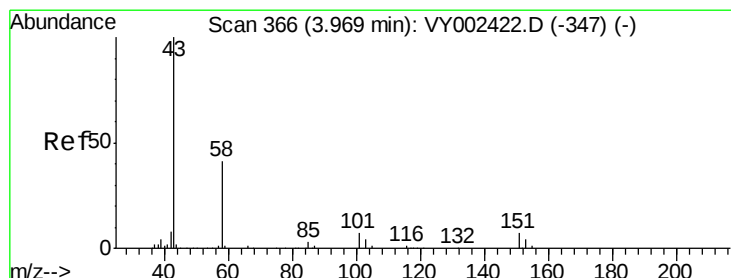
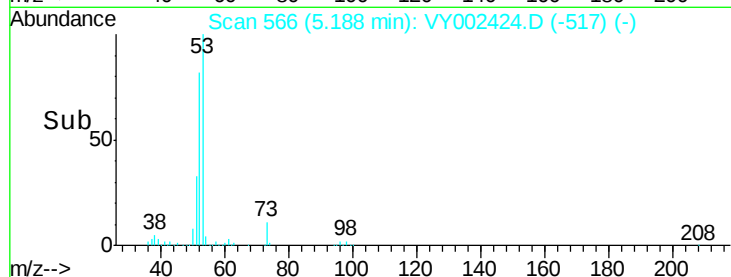
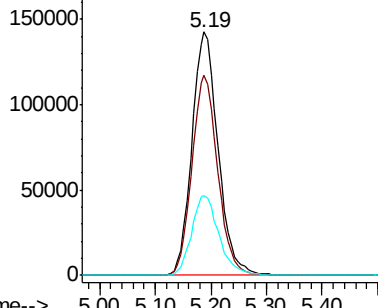
53 100

52 81.0 65.1 97.7

51 34.1 26.8 40.2



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 487.856 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002424.D

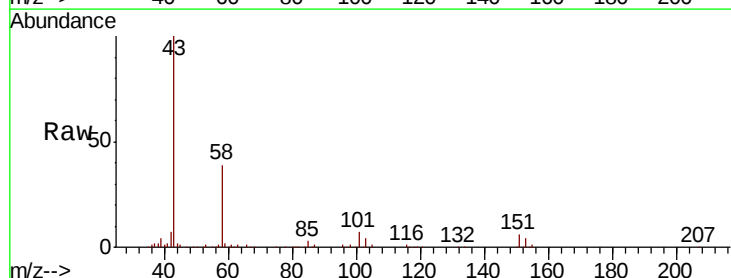
Acq: 20 Apr 2020 14:59

Tgt Ion: 43 Resp: 363059

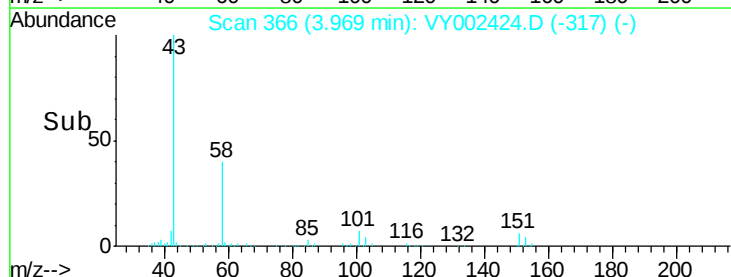
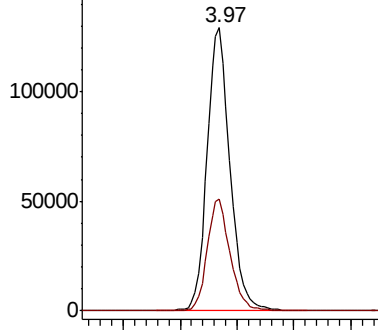
Ion Ratio Lower Upper

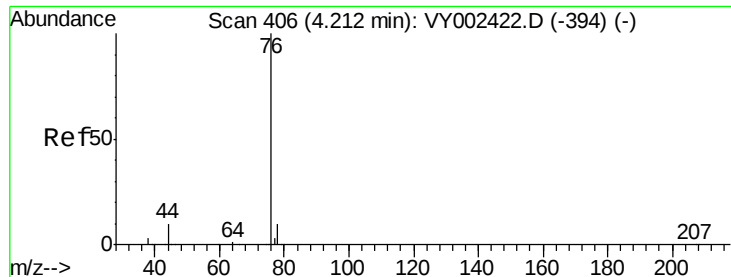
43 100

58 39.4 32.6 48.8



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





#17

Carbon Disulfide

Concen: 113.796 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

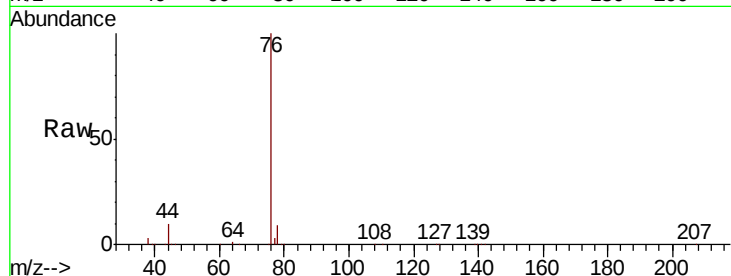
ClientSampleId :

Tot Ion: 76 Resp: 1173919

Ion Ratio Lower Upper

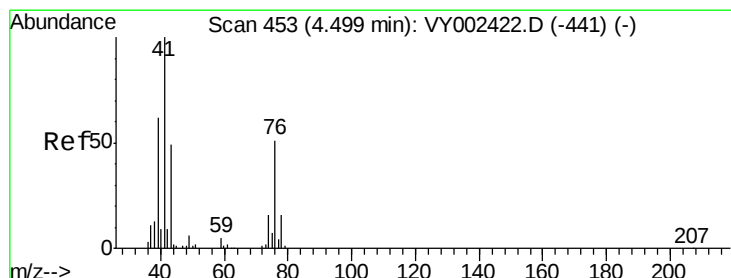
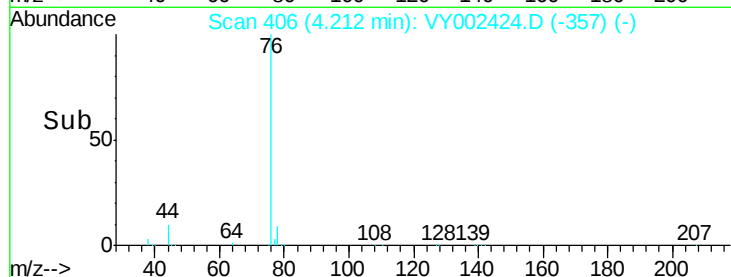
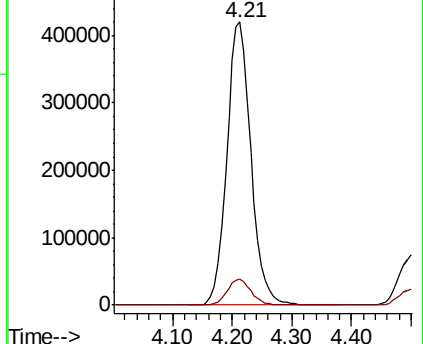
76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 90.024 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002424.D

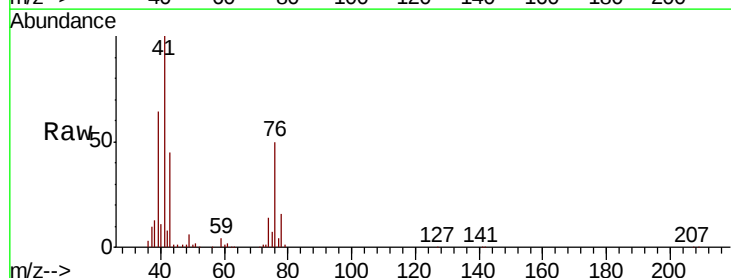
Acq: 20 Apr 2020 14:59

Tgt Ion: 43 Resp: 205547

Ion Ratio Lower Upper

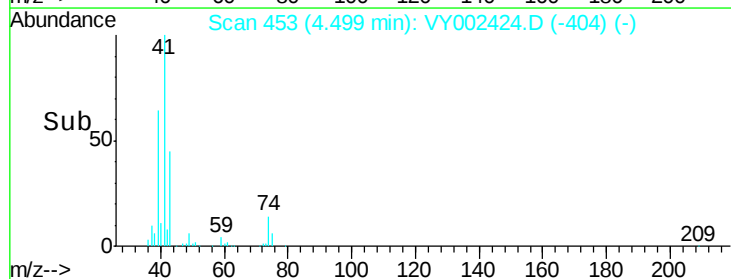
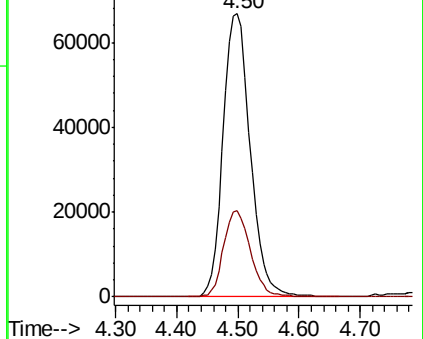
43 100

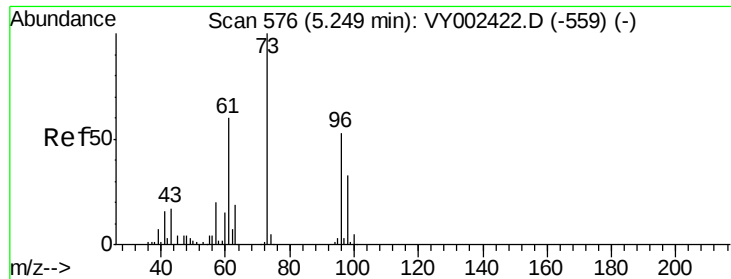
74 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



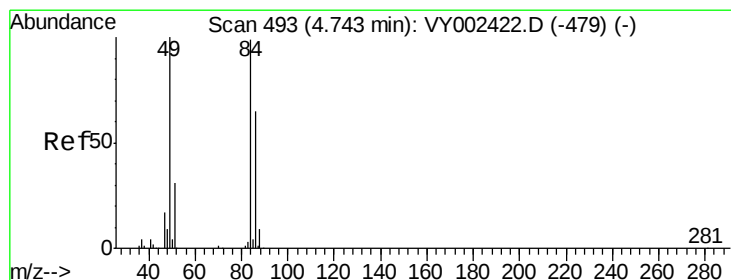
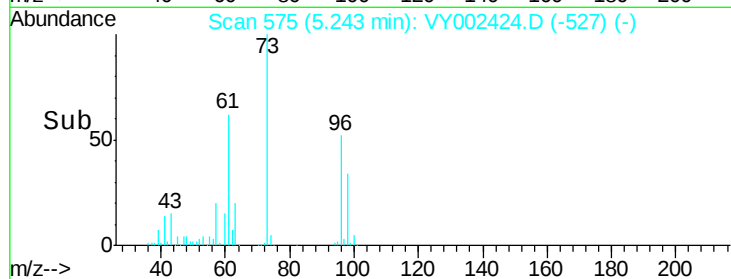
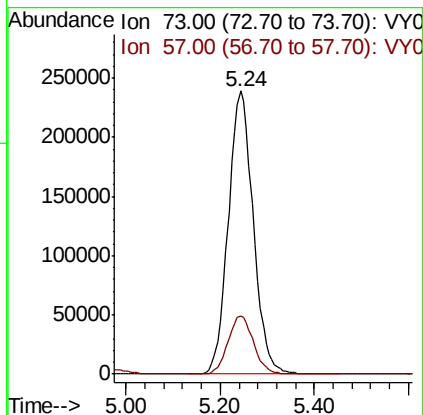
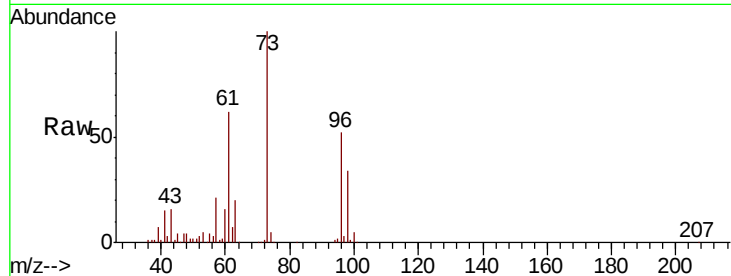


#19

Methyl tert-butyl Ether
 Concen: 107.928 ug/l
 RT: 5.24 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Instrument :
 MSVOA_Y
 ClientSampled :

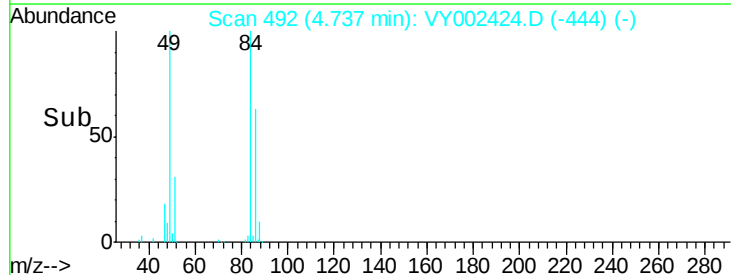
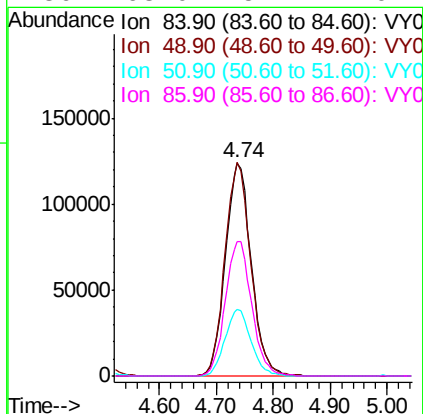
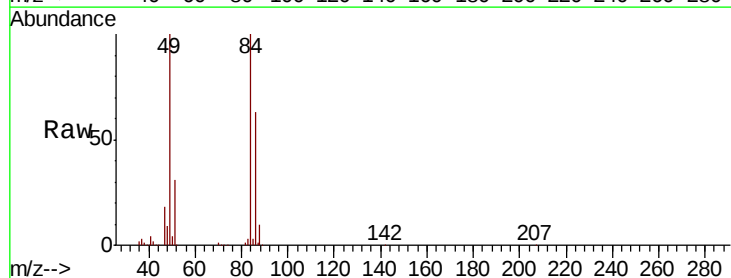
Tot Ion: 73 Resp: 875760
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.3 24.5

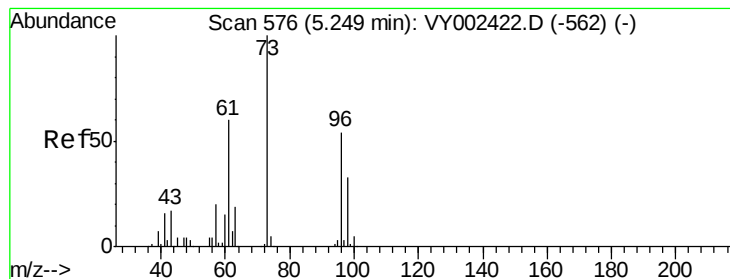


#20

Methylene Chloride
 Concen: 105.062 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion: 84 Resp: 391929
 Ion Ratio Lower Upper
 84 100
 49 100.4 81.0 121.6
 51 31.4 24.9 37.3
 86 63.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 114.052 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampled :

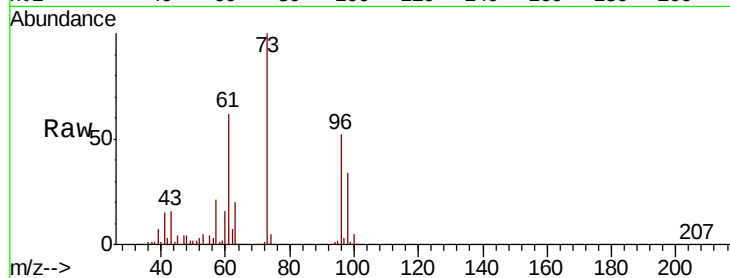
Tot Ion: 96 Resp: 400034

Ion Ratio Lower Upper

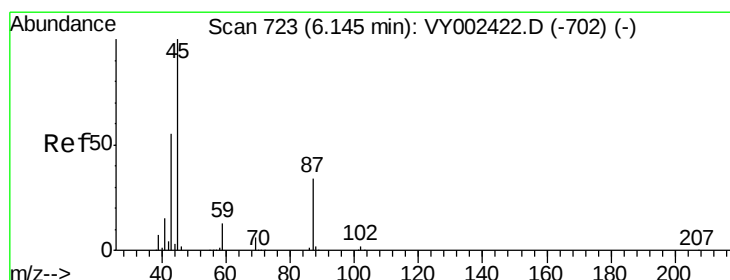
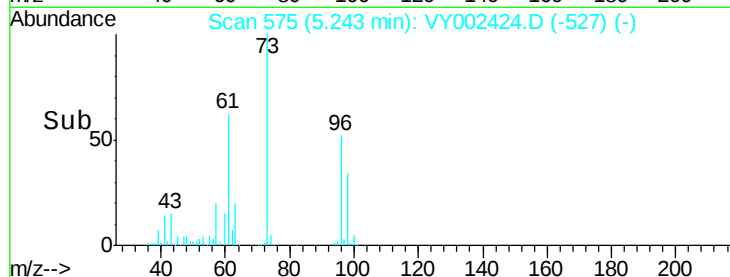
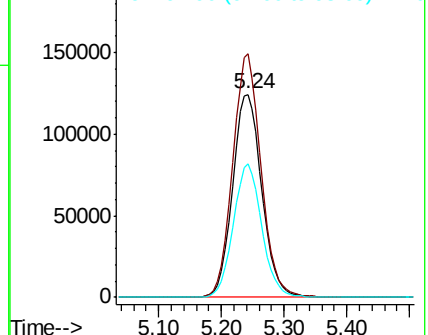
96 100

61 119.8 89.7 134.5

98 65.6 49.7 74.5



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: 90.937 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Tgt Ion: 45 Resp: 891764

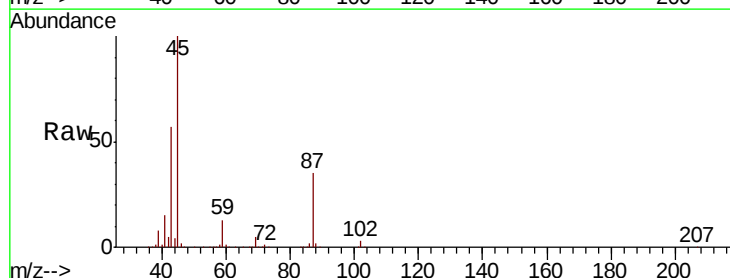
Ion Ratio Lower Upper

45 100

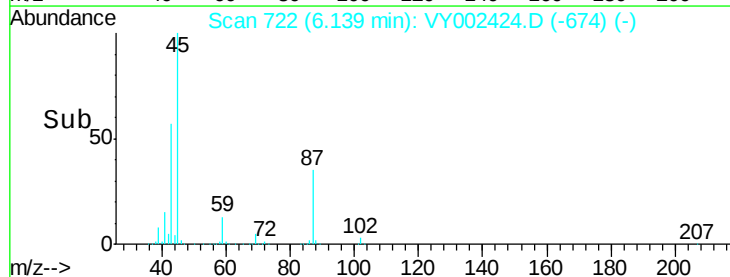
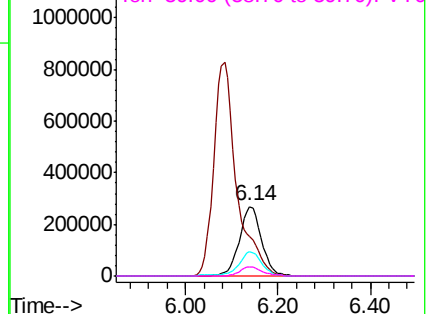
43 56.9 43.8 65.6

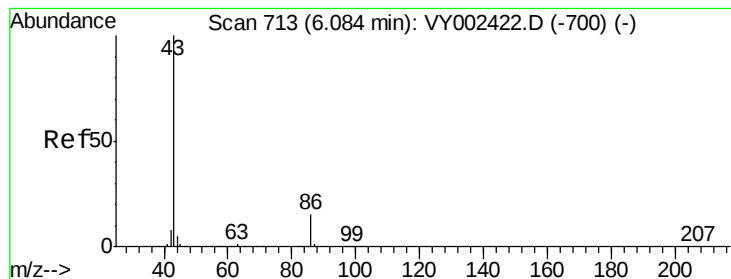
87 35.4 27.4 41.2

59 13.4 10.8 16.2



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: 454.745 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

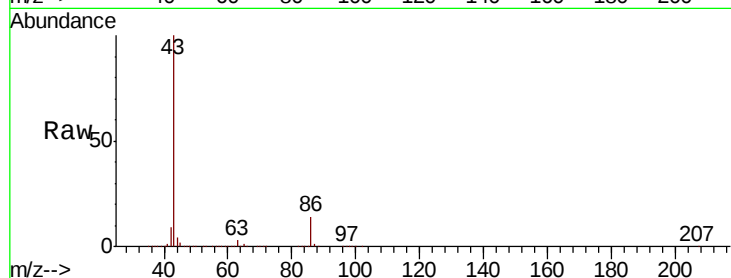
ClientSampleId :

Tot Ion: 43 Resp: 2849939

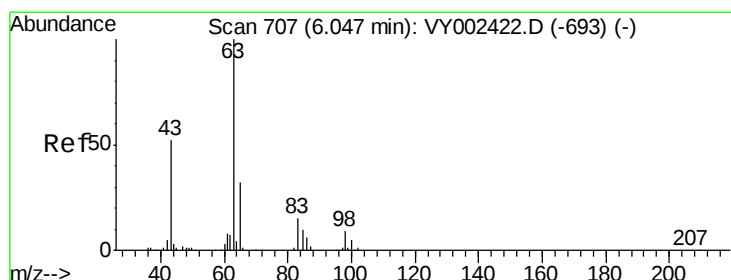
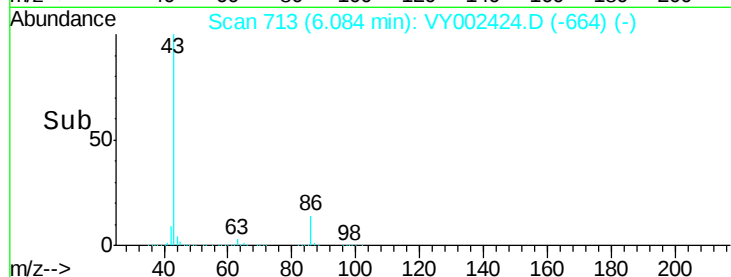
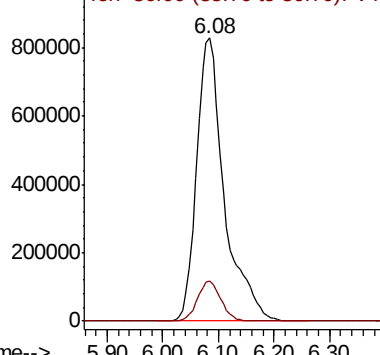
Ion Ratio Lower Upper

43 100

86 14.2 11.7 17.5



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



#24

1,1-Dichloroethane

Concen: 102.622 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

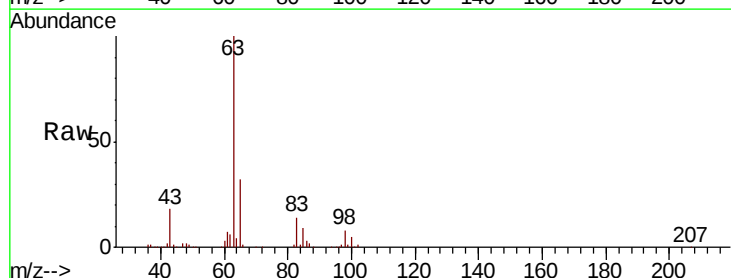
Tgt Ion: 63 Resp: 581816

Ion Ratio Lower Upper

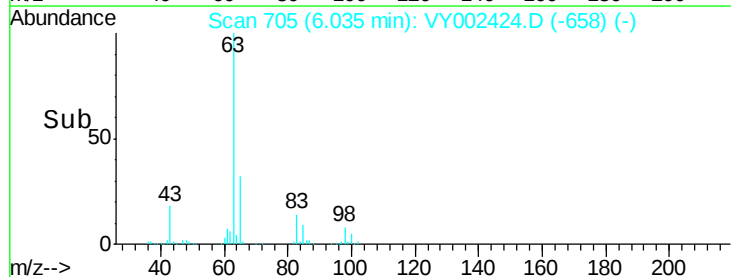
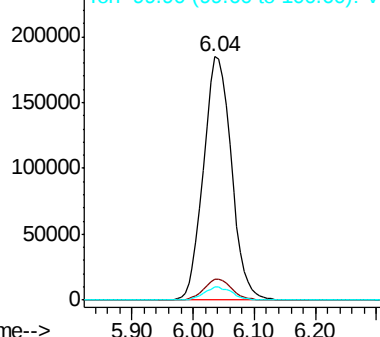
63 100

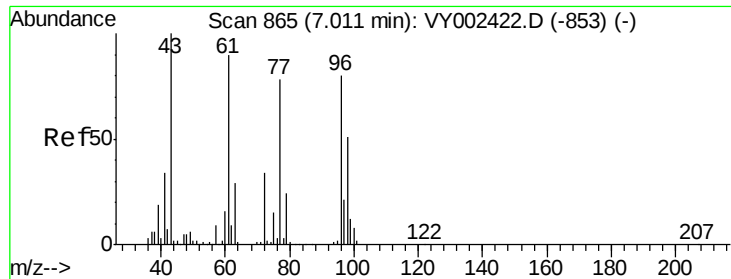
98 8.5 4.5 13.4

100 5.4 2.6 8.0



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

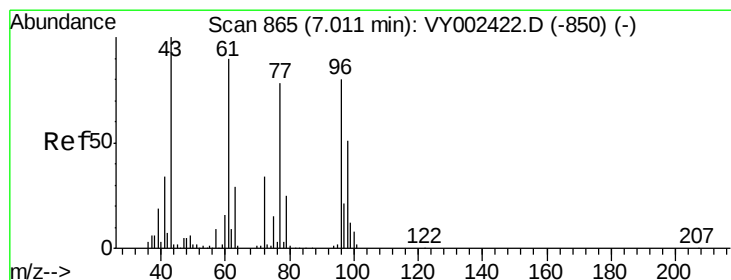
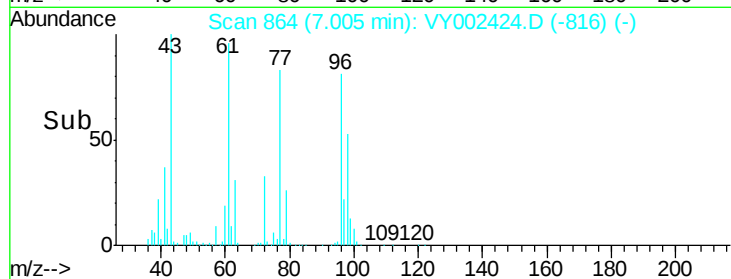
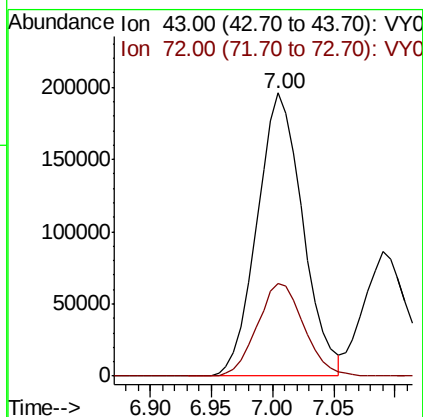
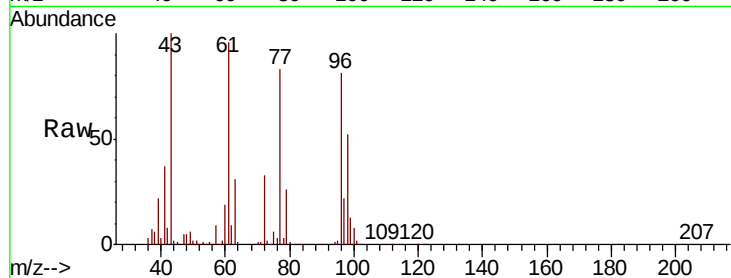




#25
2-Butanone
Concen: 437.038 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

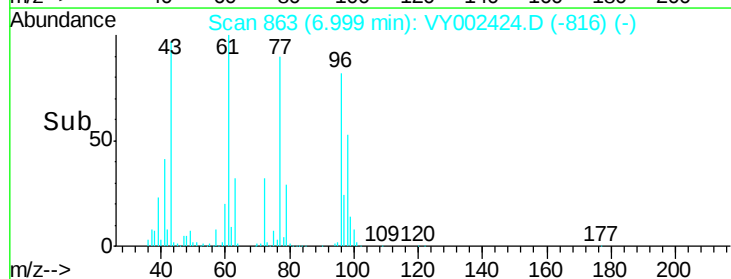
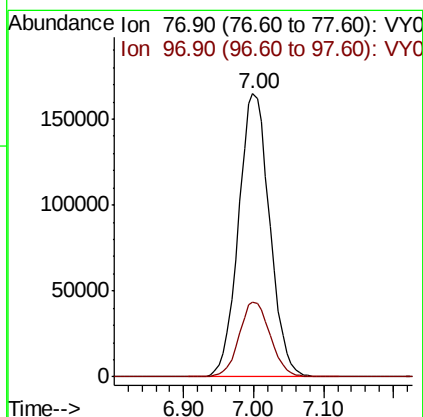
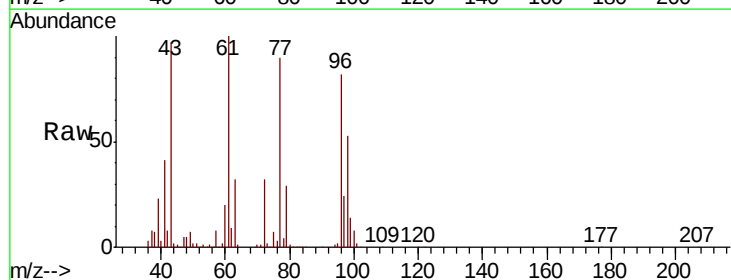
Instrument :
MSVOA_Y
ClientSampled :

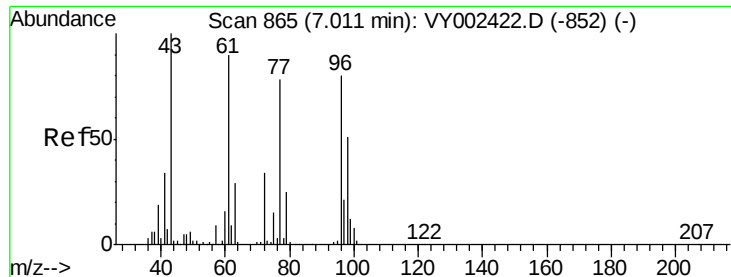
Tot Ion: 43 Resp: 510196
Ion Ratio Lower Upper
43 100
72 32.6 27.0 40.6



#26
2,2-Dichloropropane
Concen: 106.590 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 77 Resp: 510228
Ion Ratio Lower Upper
77 100
97 26.4 13.5 40.5

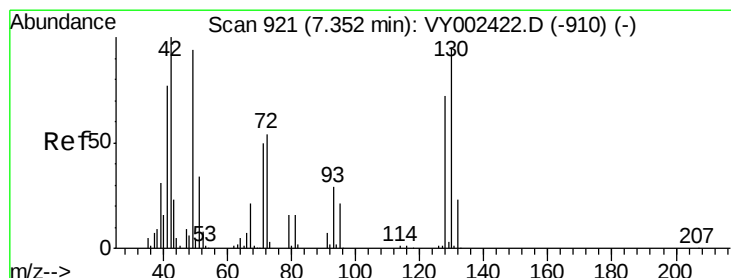
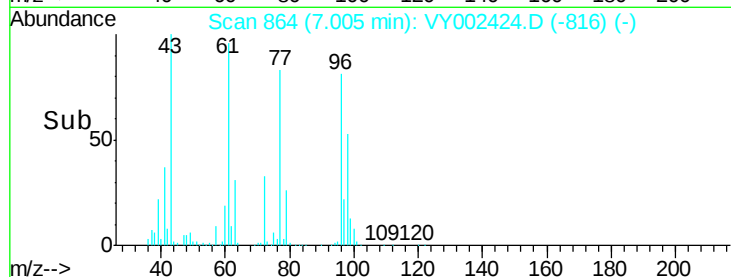
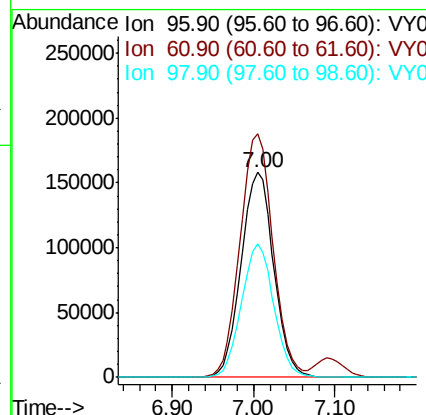
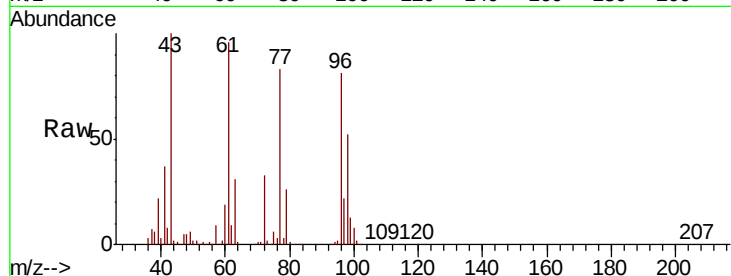




#27
 cis-1,2-Dichloroethene
 Concen: 114.911 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

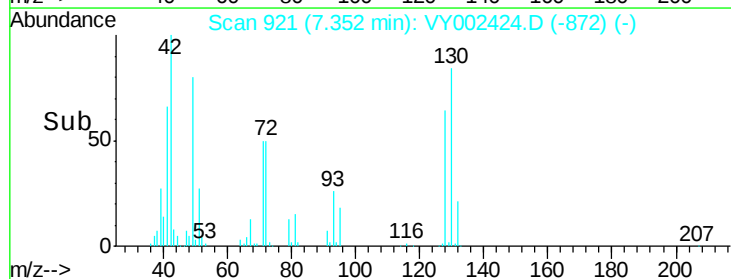
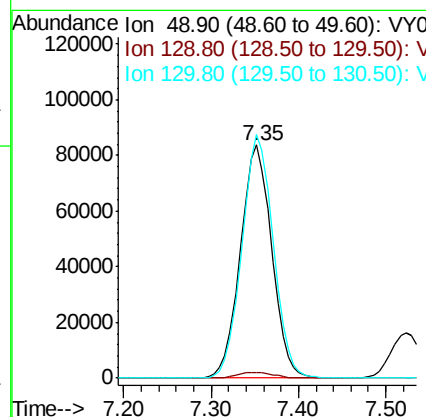
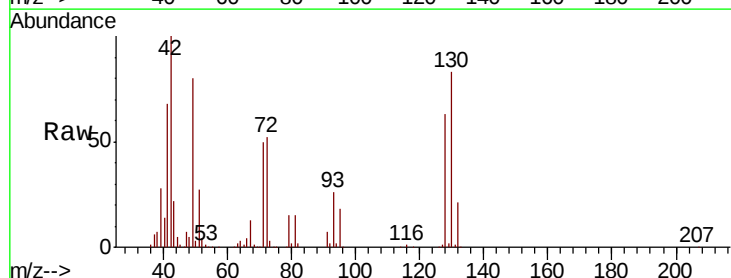
Instrument :
 MSVOA_Y
 ClientSampled :

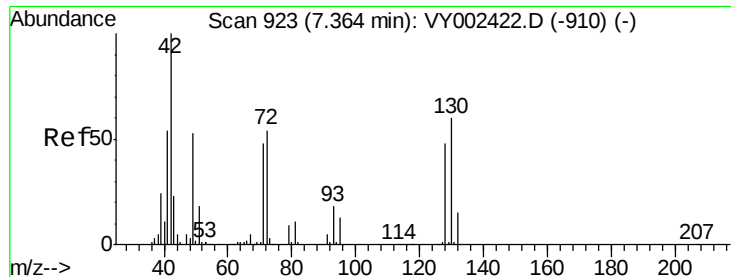
Tot Ion: 96 Resp: 438584
 Ion Ratio Lower Upper
 96 100
 61 119.8 0.0 236.2
 98 64.3 0.0 130.2



#28
 Bromochloromethane
 Concen: 87.152 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion: 49 Resp: 208848
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 104.2 84.1 126.1

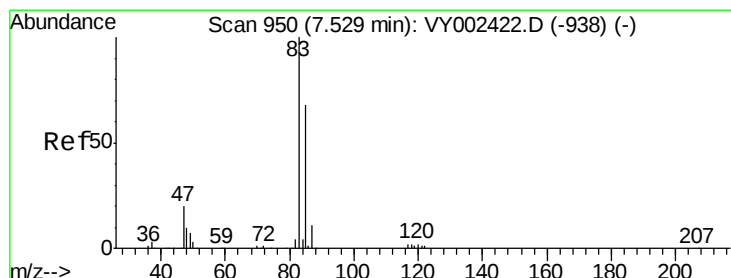
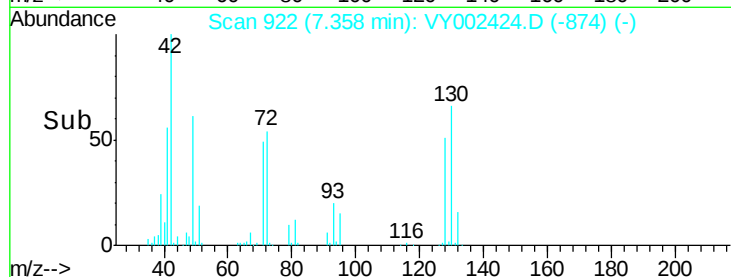
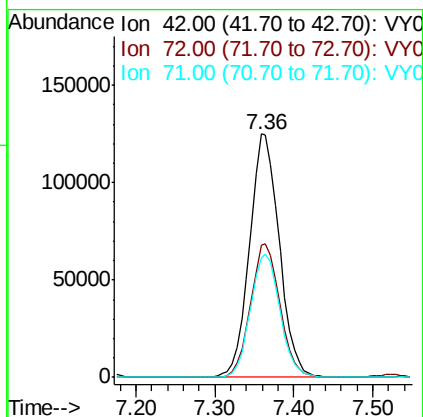
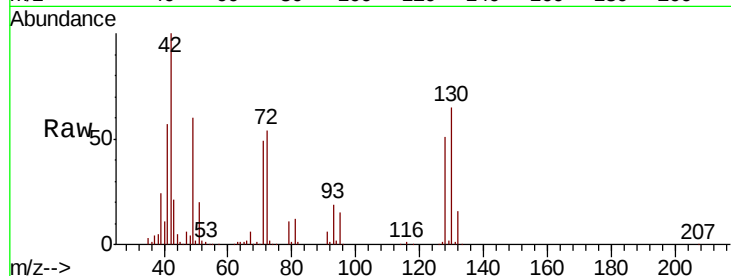




#29
Tetrahydrofuran
Concen: 427.306 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

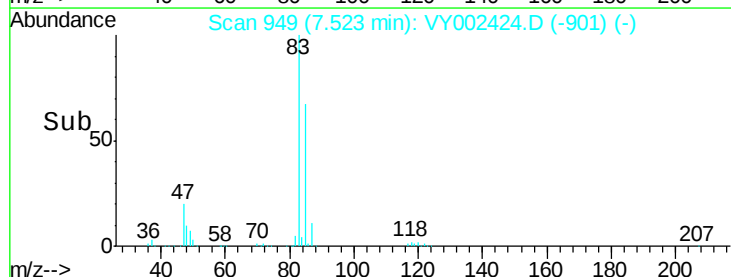
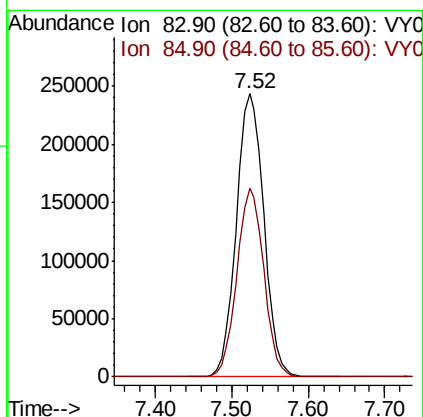
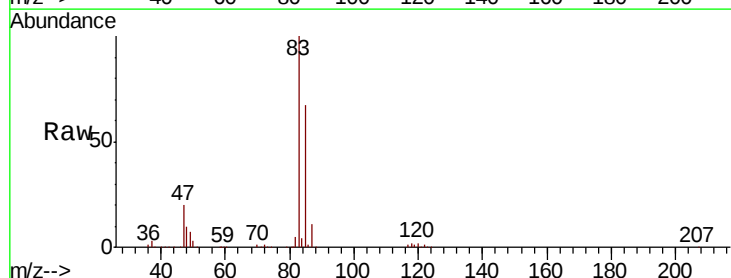
Instrument :
MSVOA_Y
ClientSampleId :

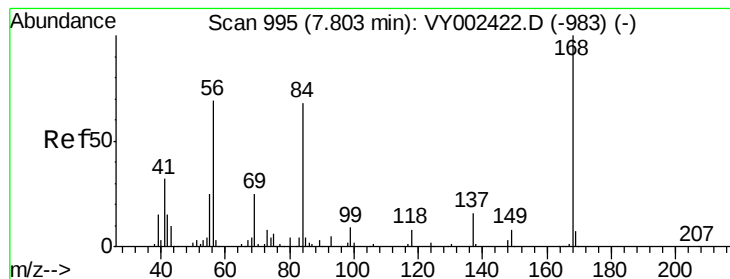
Tot Ion: 42 Resp: 328771
Ion Ratio Lower Upper
42 100
72 54.1 44.6 67.0
71 50.2 40.6 60.8



#30
Chloroform
Concen: 112.238 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 83 Resp: 605900
Ion Ratio Lower Upper
83 100
85 66.6 54.3 81.5





#31

Cyclohexane

Concen: 94.295 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

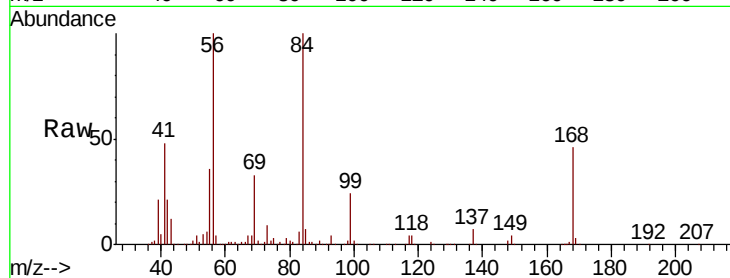
Tot Ion: 56 Resp: 557817

Ion Ratio Lower Upper

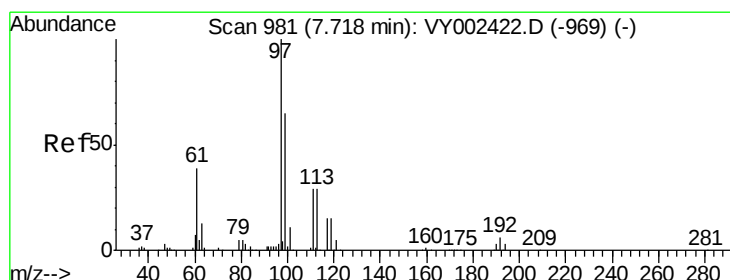
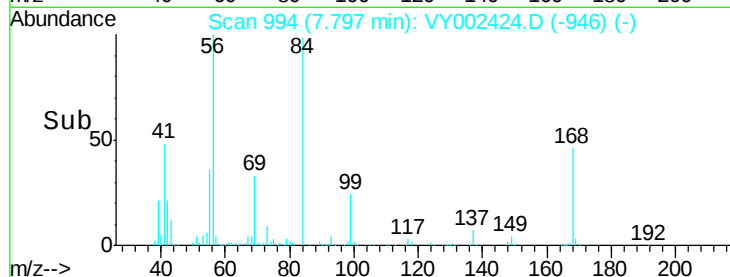
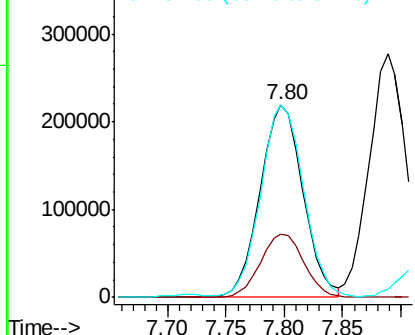
56 100

69 33.1 29.1 43.7

84 98.2 79.4 119.2



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: 121.016 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

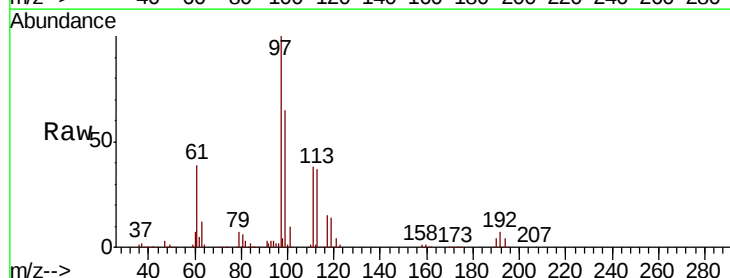
Tgt Ion: 97 Resp: 546410

Ion Ratio Lower Upper

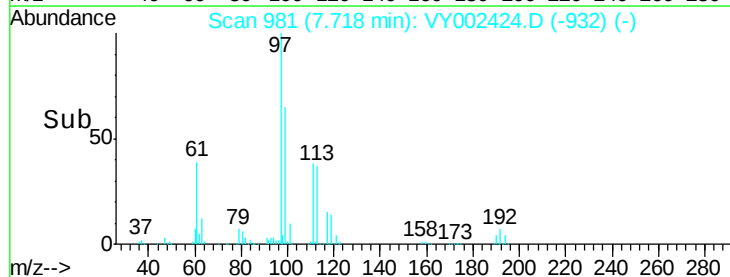
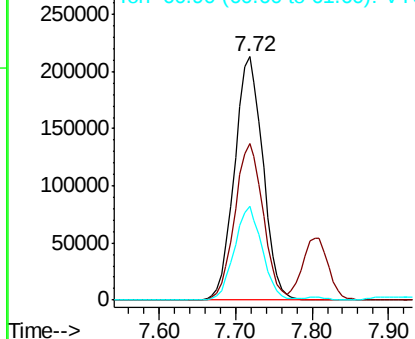
97 100

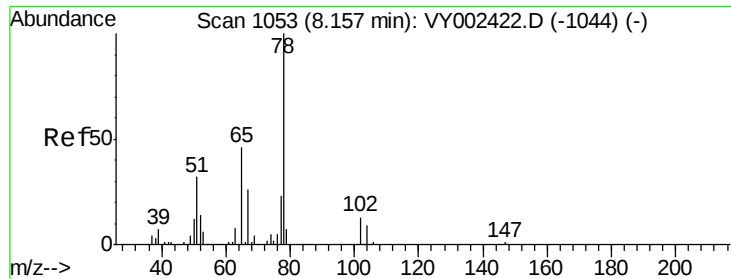
99 64.4 51.9 77.9

61 37.6 30.8 46.2



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: 99.514 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

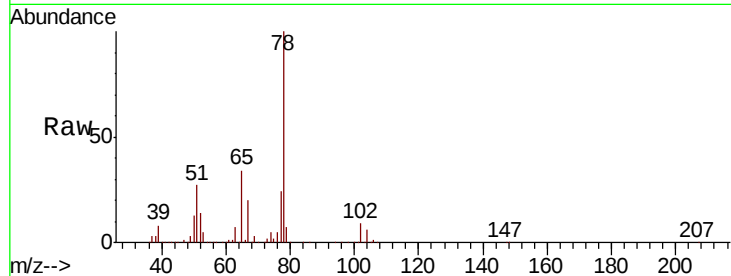
ClientSampleId :

Tot Ion: 65 Resp: 279799

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

150000

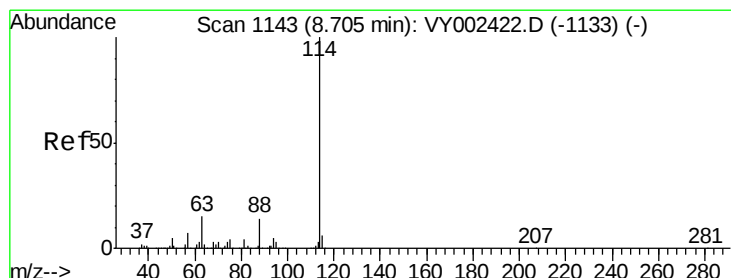
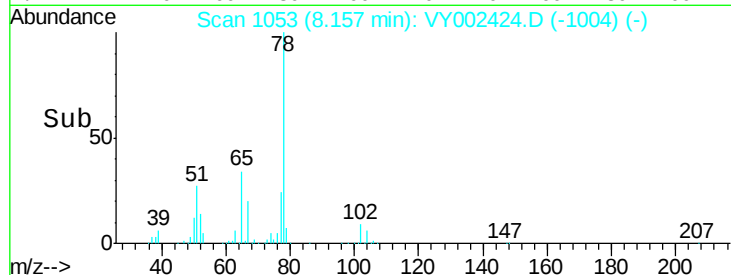
100000

50000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

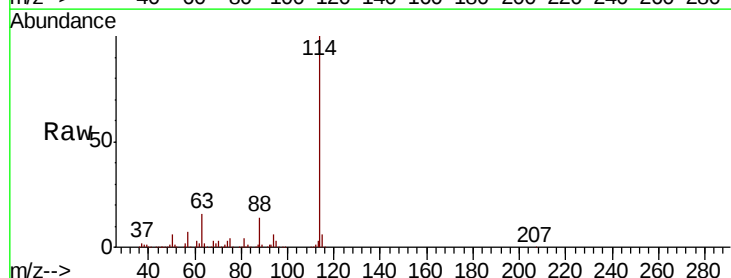
Tgt Ion: 114 Resp: 423570

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.0

88 14.0 0.0 28.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

300000

250000

200000

150000

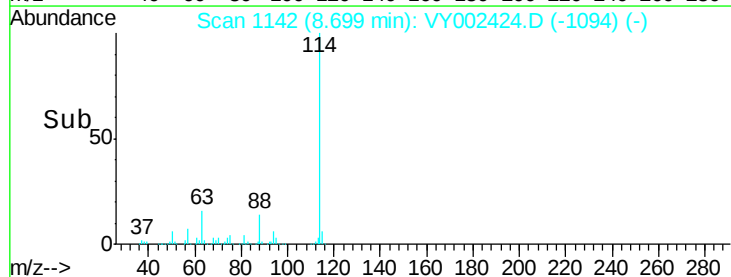
100000

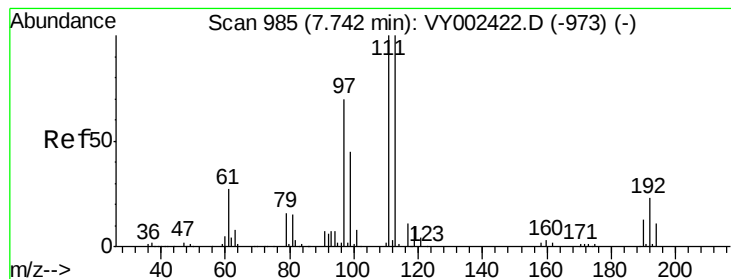
50000

0

Time-->

8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 128.092 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :
MSVOA_Y
ClientSampleId :

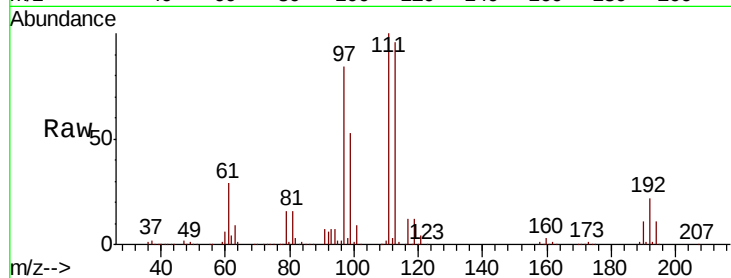
Tot Ion:113 Resp: 316694

Ion Ratio Lower Upper

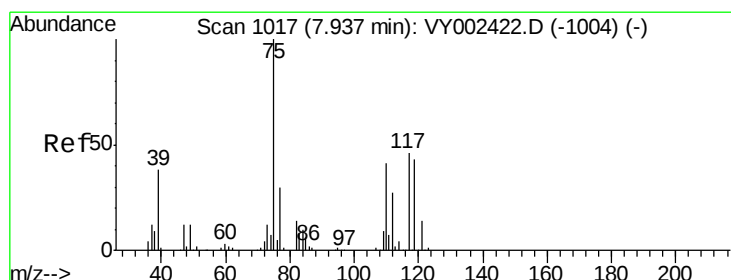
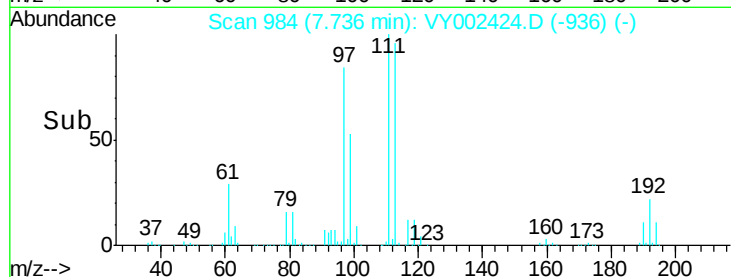
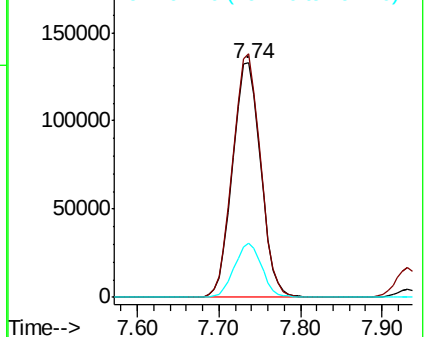
113 100

111 102.4 81.7 122.5

192 22.4 17.8 26.6



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: 121.552 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

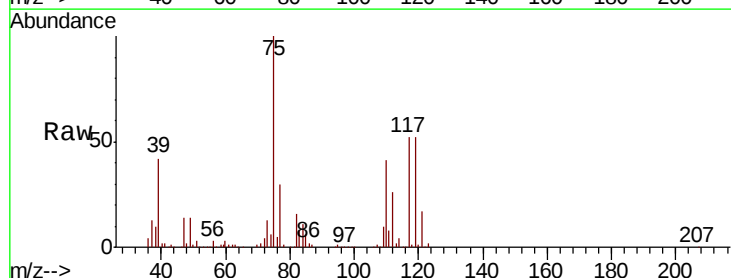
Tgt Ion: 75 Resp: 493502

Ion Ratio Lower Upper

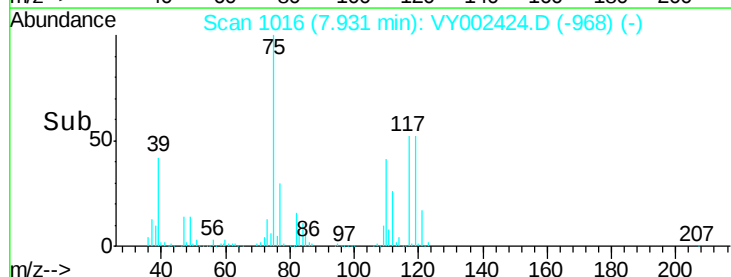
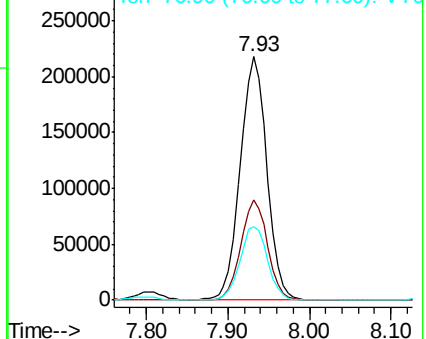
75 100

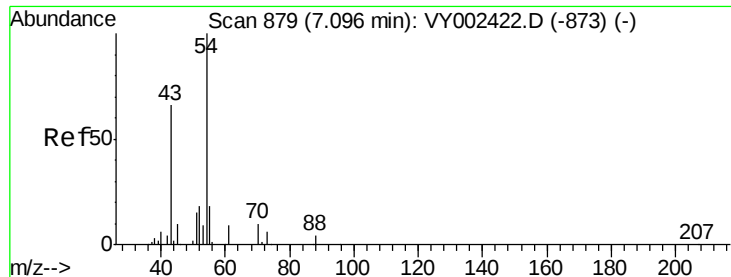
110 40.8 20.4 61.2

77 31.2 25.5 38.3



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

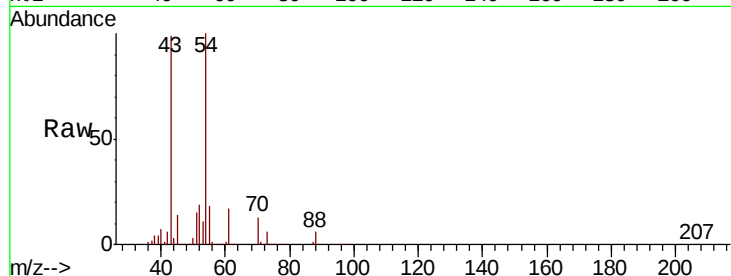




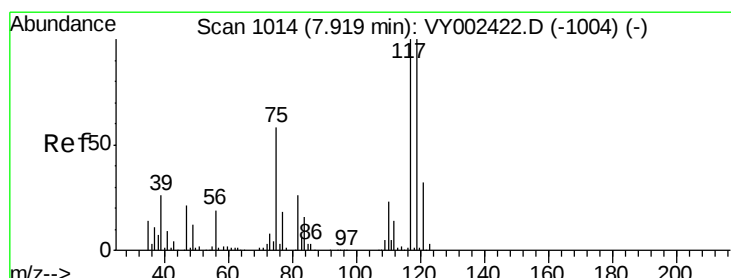
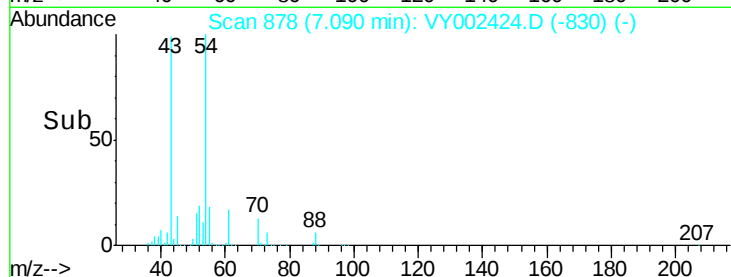
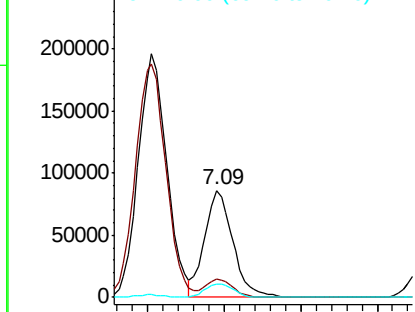
#37
Ethyl Acetate
Concen: 96.893 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 220406
Ion Ratio Lower Upper
43 100
61 16.1 13.5 20.3
70 13.1 10.6 16.0

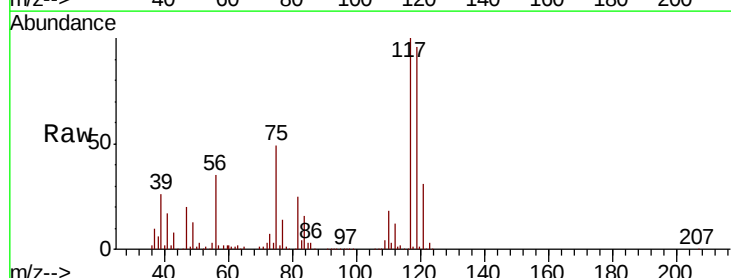


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

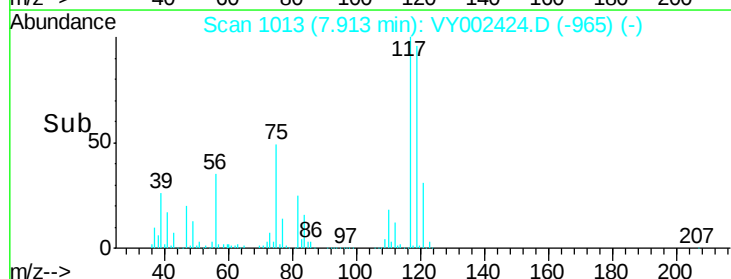
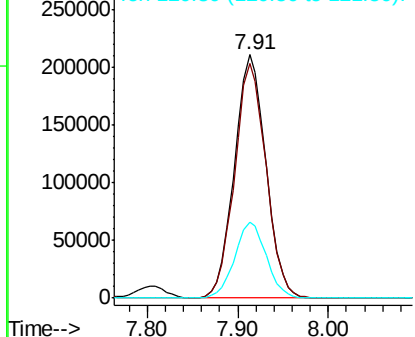


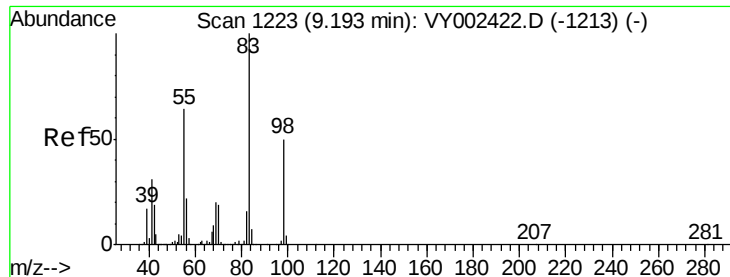
#38
Carbon Tetrachloride
Concen: 142.418 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 117 Resp: 507983
Ion Ratio Lower Upper
117 100
119 96.4 79.6 119.4
121 31.1 25.4 38.2



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

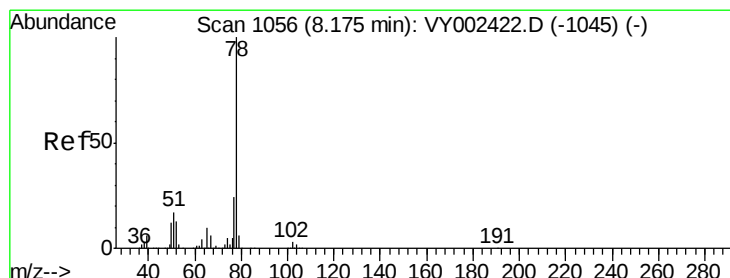
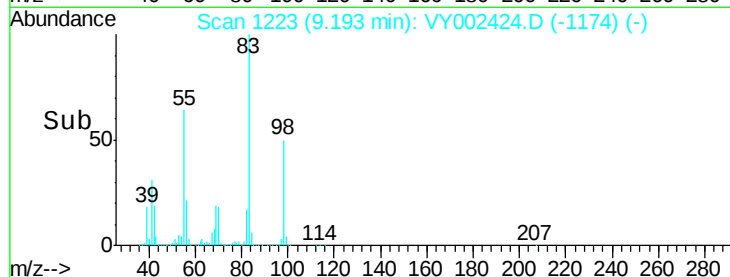
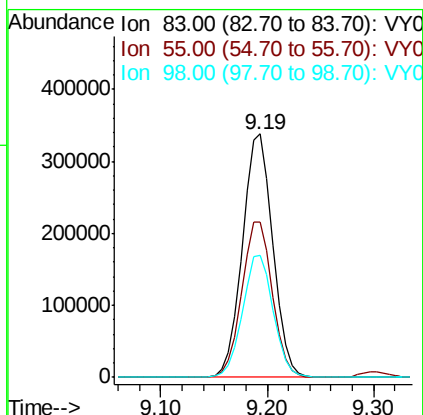
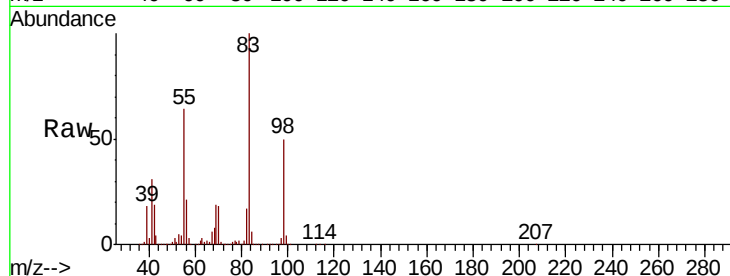




#39
Methvlcvclohexane
Concen: 122.551 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

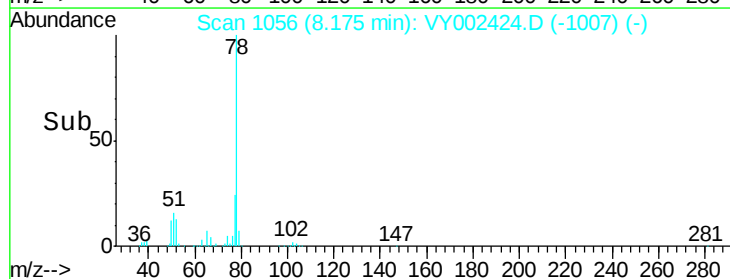
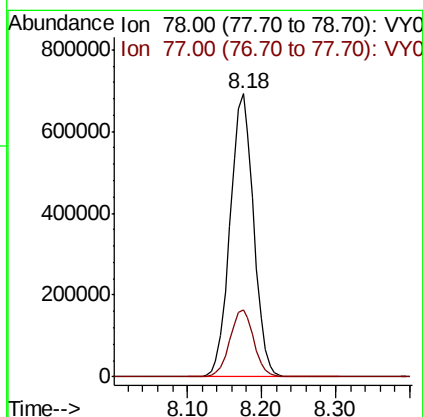
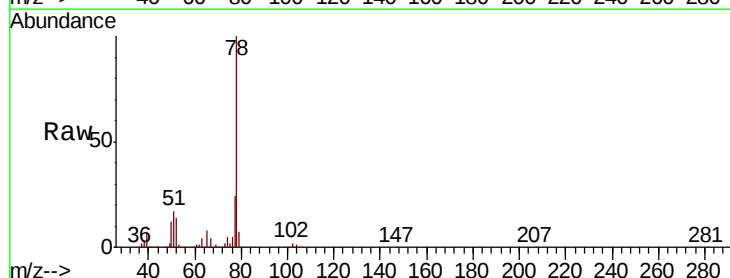
Instrument :
MSVOA_Y
ClientSampled :

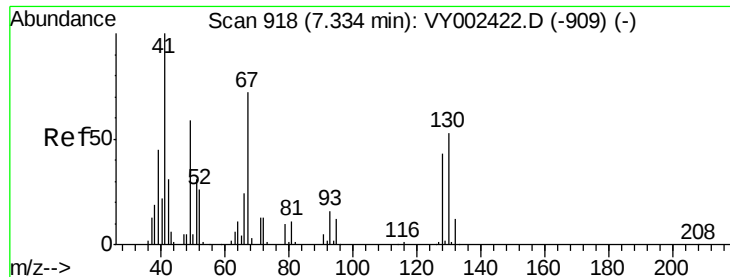
Tot Ion: 83 Resp: 678737
Ion Ratio Lower Upper
83 100
55 64.0 51.2 76.8
98 50.3 39.8 59.6



#40
Benzene
Concen: 123.541 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 78 Resp: 1525900
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

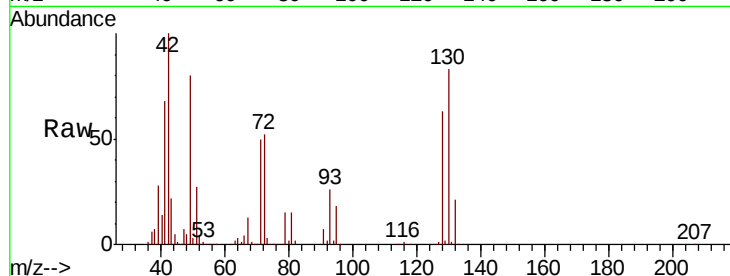




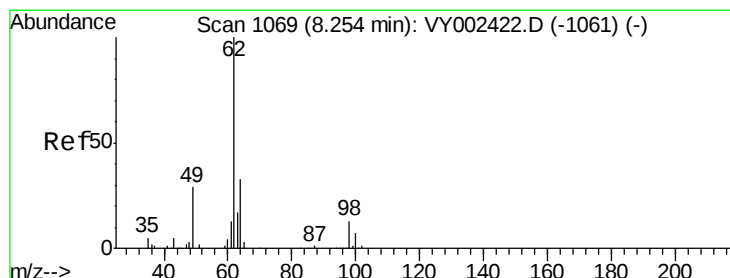
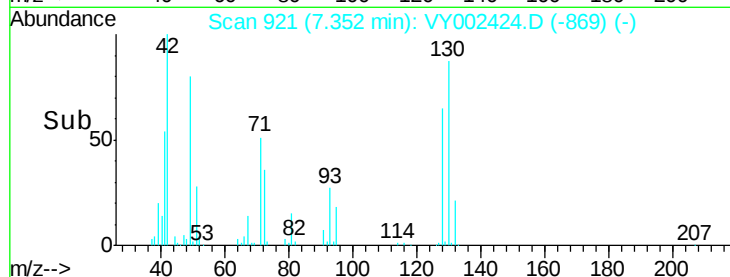
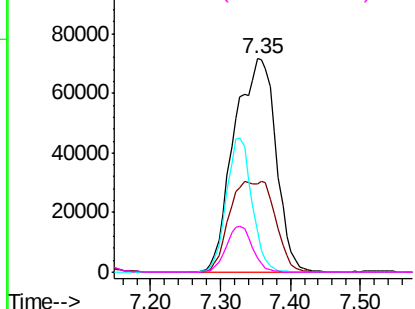
#41
Methacrylonitrile
Concen: 222.014 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 296820
Ion Ratio Lower Upper
41 100
39 0.0 99.0 148.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

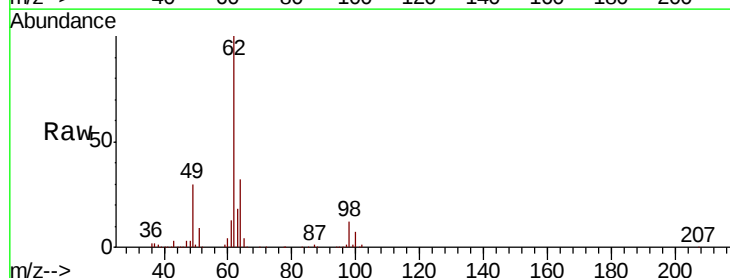


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

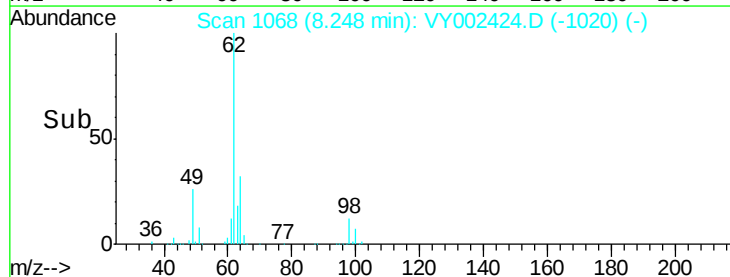
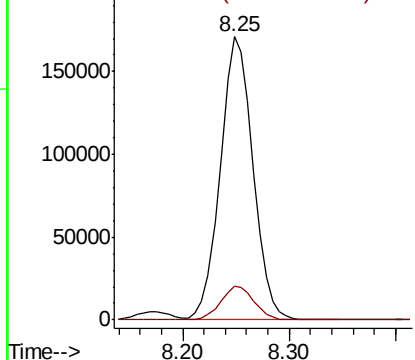


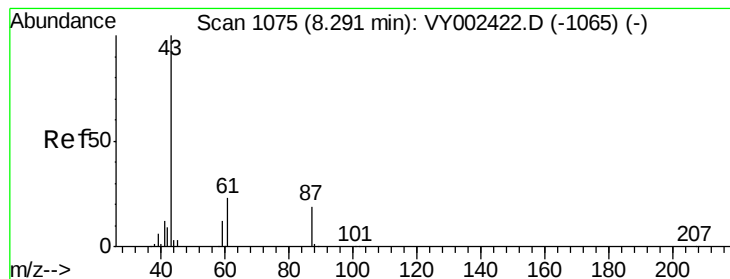
#42
1,2-Dichloroethane
Concen: 119.898 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 62 Resp: 364953
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4



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





#43

Isopropyl Acetate

Concen: 102.817 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

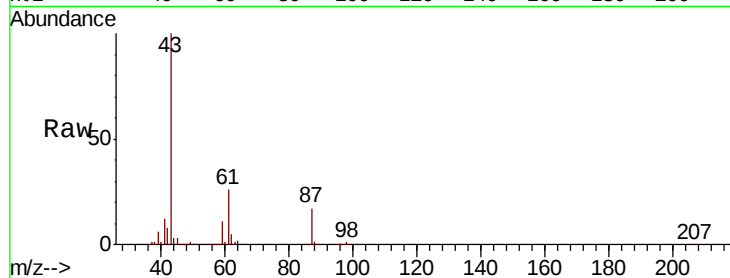
Tot Ion: 43 Resp: 425741

Ion Ratio Lower Upper

43 100

61 34.8 27.7 41.5

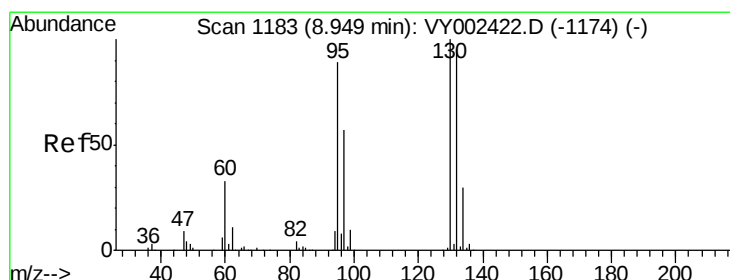
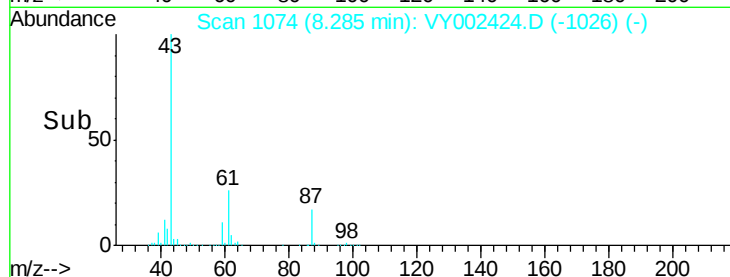
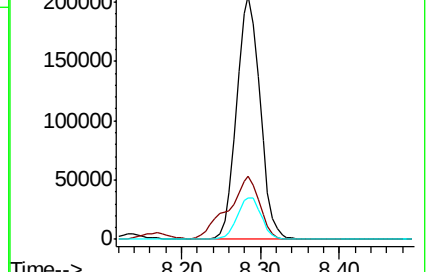
87 17.6 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY002422.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY002422.D (-1065) (-)



#44

Trichloroethene

Concen: 134.145 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY002424.D

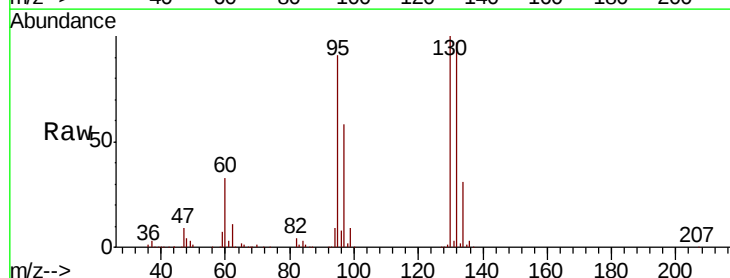
Acq: 20 Apr 2020 14:59

Tgt Ion:130 Resp: 499514

Ion Ratio Lower Upper

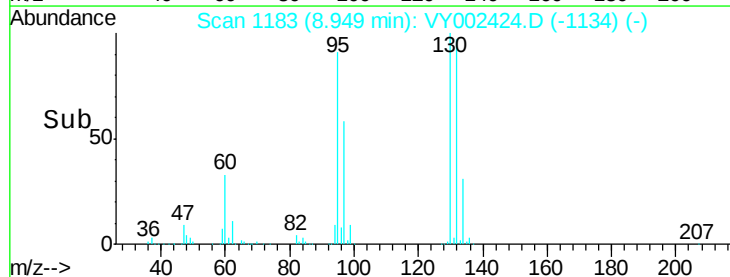
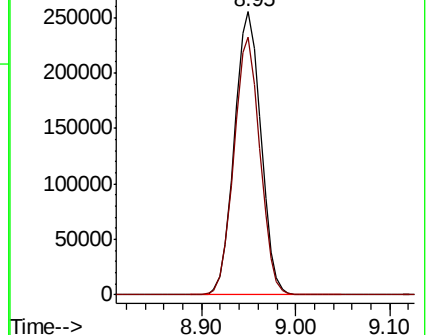
130 100

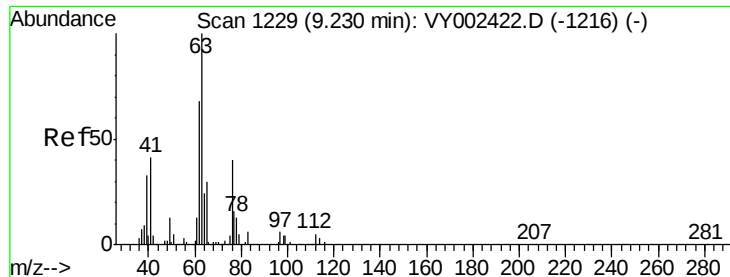
95 90.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VY002422.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002422.D (-1174) (-)





#45

1,2-Dichloropropane

Concen: 115.117 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

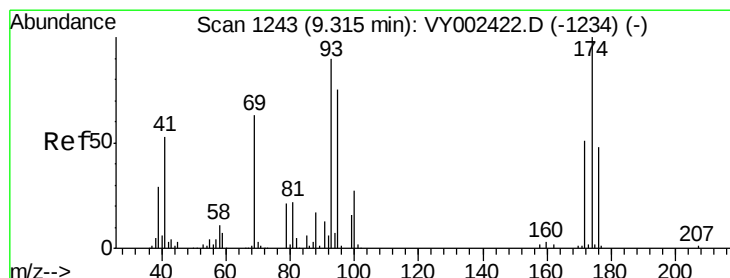
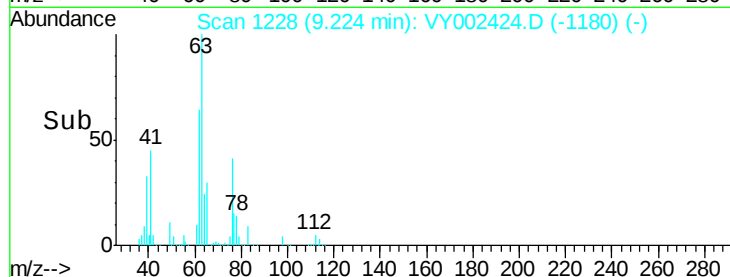
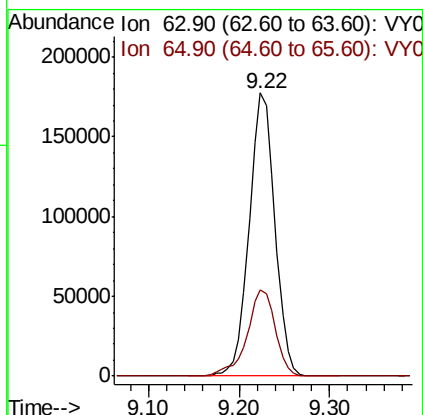
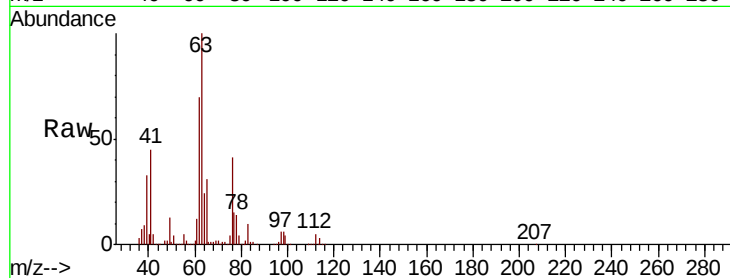
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 348134

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#46

Dibromomethane

Concen: 124.255 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

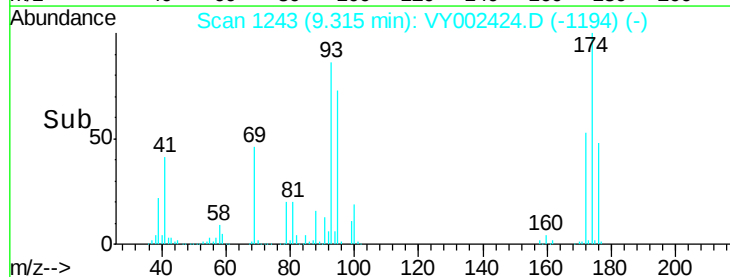
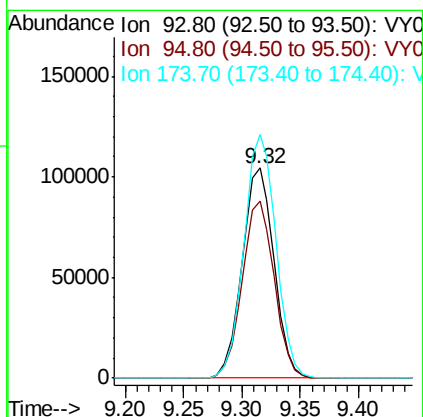
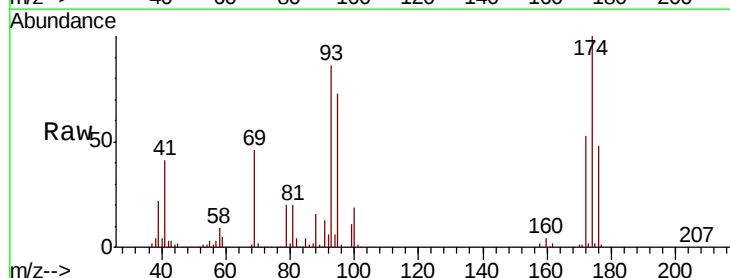
Tgt Ion: 93 Resp: 200128

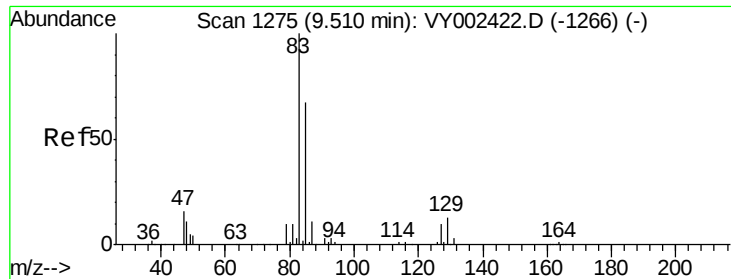
Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 116.2 94.5 141.7

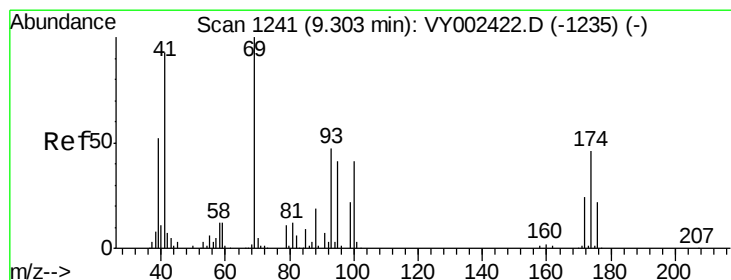
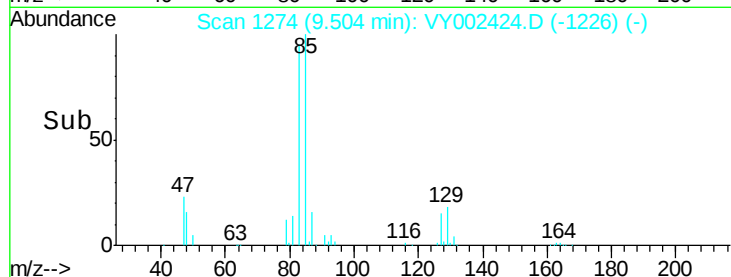
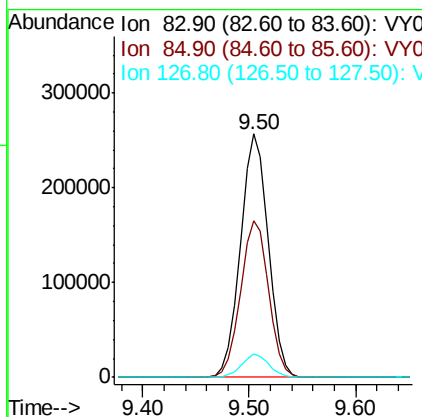
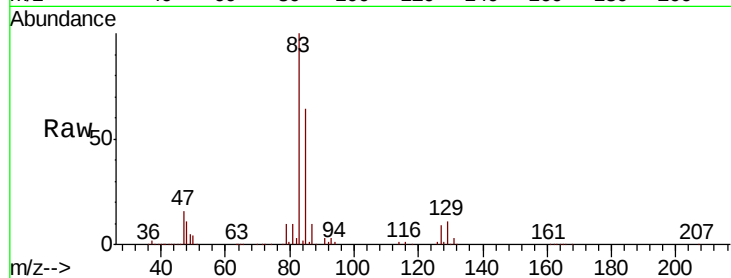




#47
Bromodichloromethane
Concen: 127.687 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

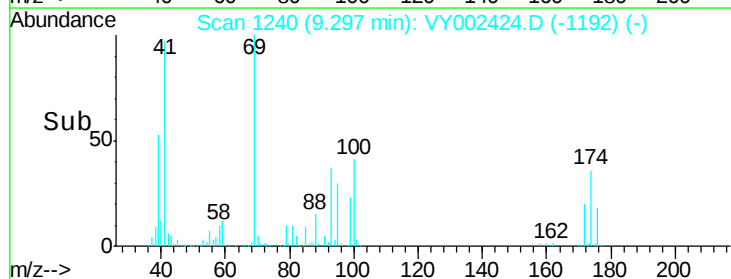
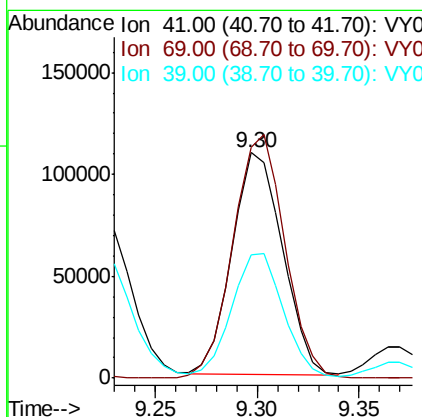
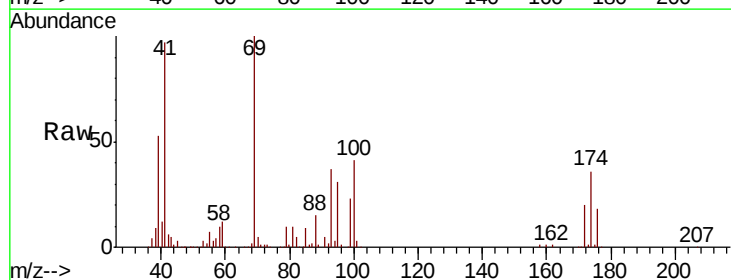
Instrument :
MSVOA_Y
ClientSampleId :

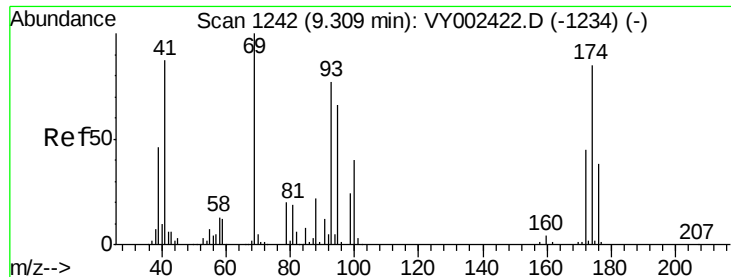
Tot Ion: 83 Resp: 470692
Ion Ratio Lower Upper
83 100
85 64.1 53.4 80.2
127 9.4 7.8 11.6



#48
Methyl methacrylate
Concen: 101.340 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 41 Resp: 188428
Ion Ratio Lower Upper
41 100
69 112.7 87.9 131.9
39 57.9 43.5 65.3

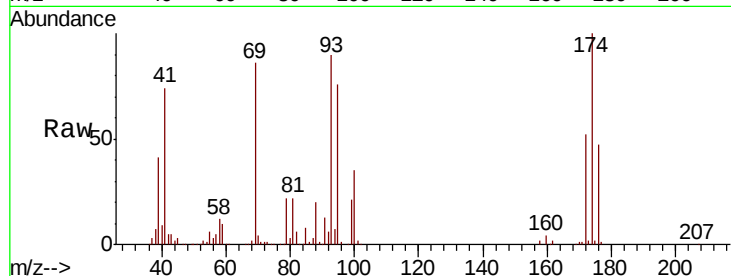




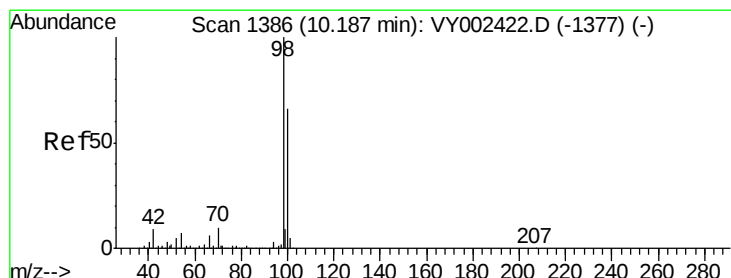
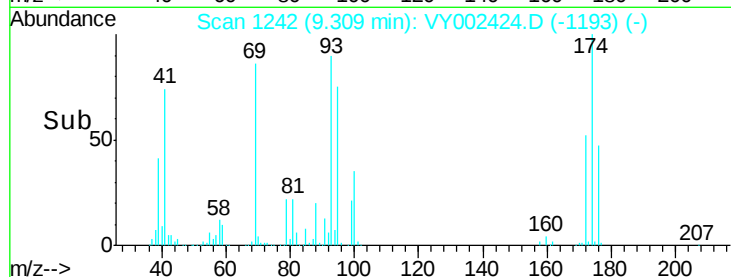
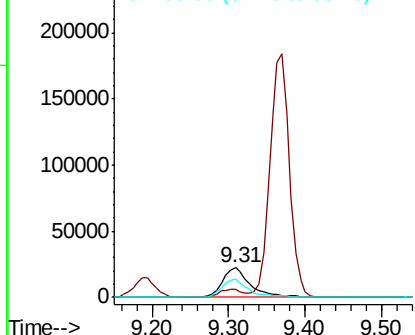
#49
1,4-Dioxane
Concen: 2450.539 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 56118
Ion Ratio Lower Upper
88 100
43 24.0 19.0 28.6
58 62.1 44.8 67.2

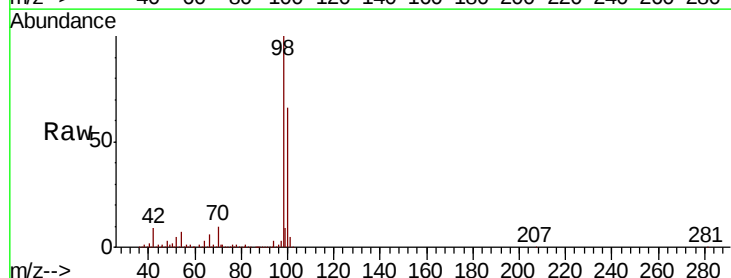


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

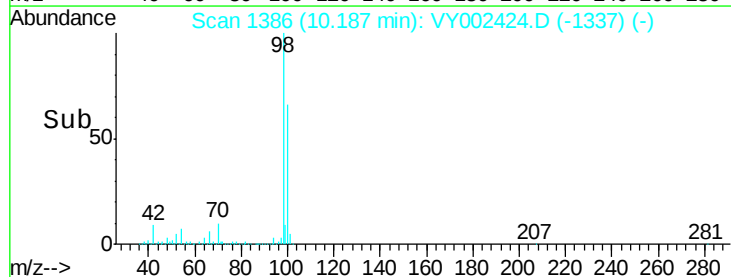
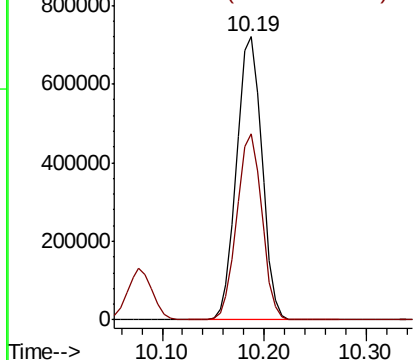


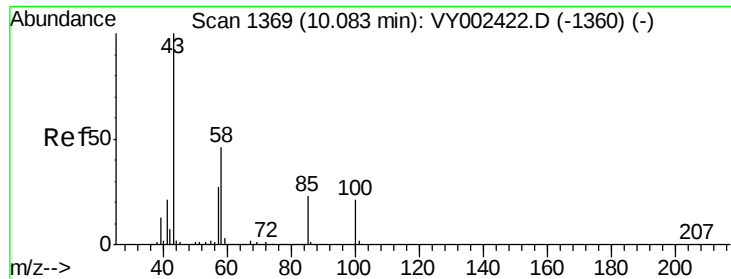
#50
Toluene-d8
Concen: 120.652 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 98 Resp: 1237543
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 492.045 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

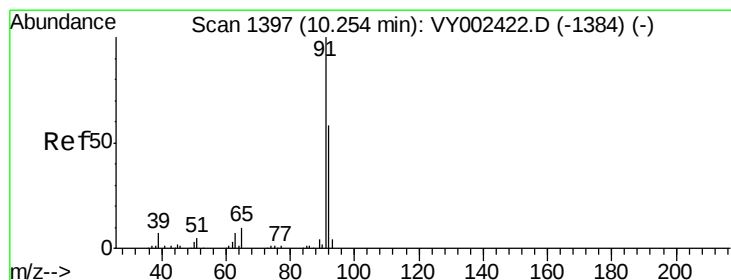
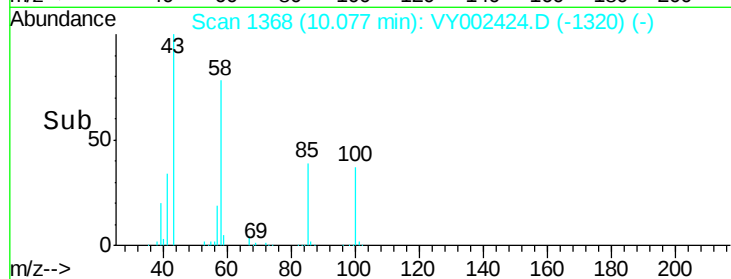
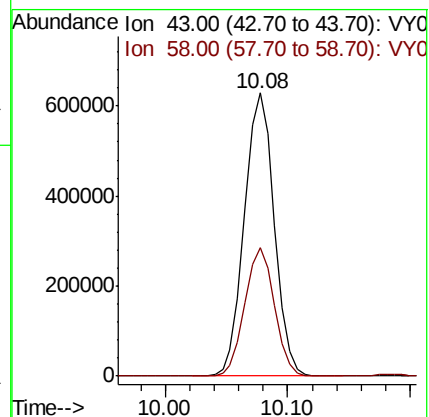
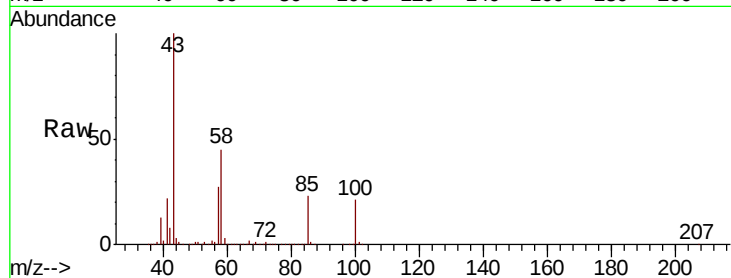
ClientSampleId :

Tot Ion: 43 Resp: 1065929

Ion Ratio Lower Upper

43 100

58 45.1 36.8 55.2



#52

Toluene

Concen: 127.383 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002424.D

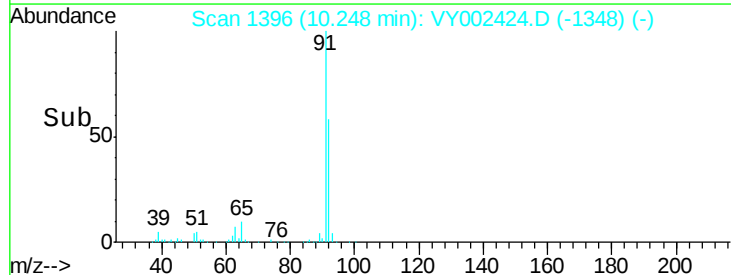
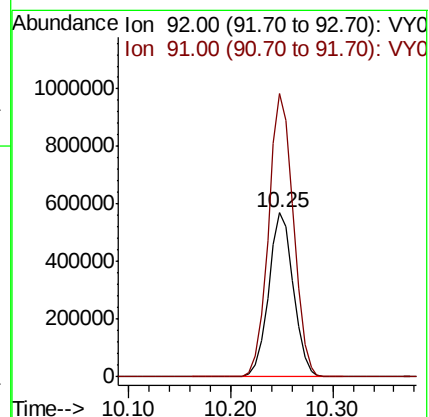
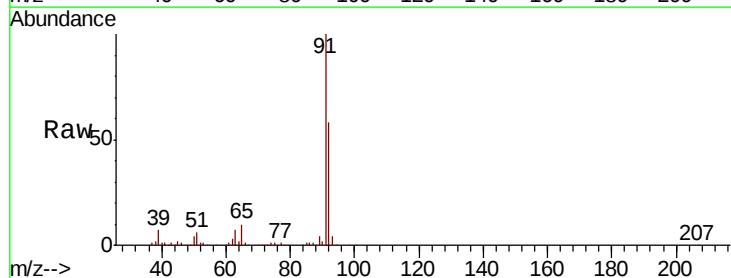
Acq: 20 Apr 2020 14:59

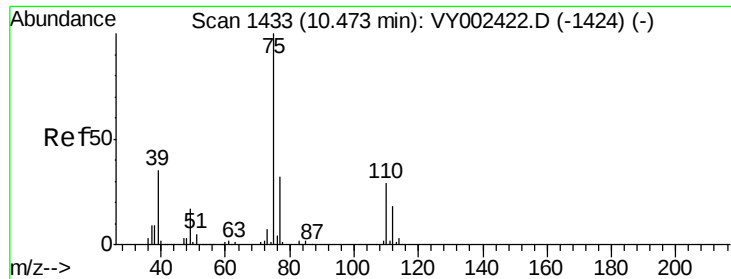
Tgt Ion: 92 Resp: 953135

Ion Ratio Lower Upper

92 100

91 173.9 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 125.899 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

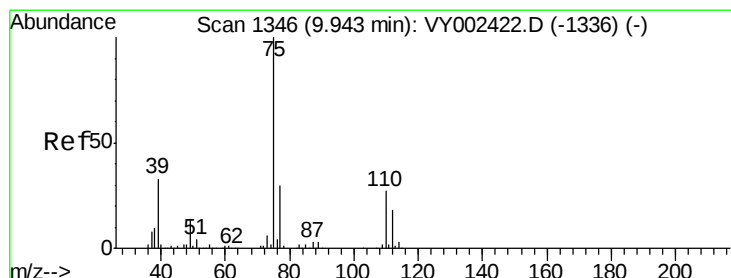
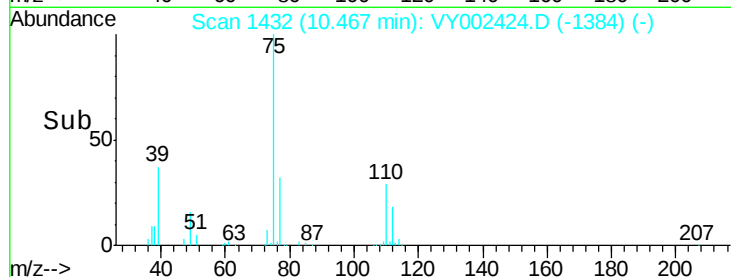
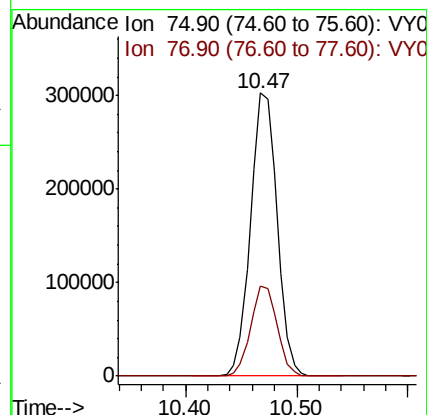
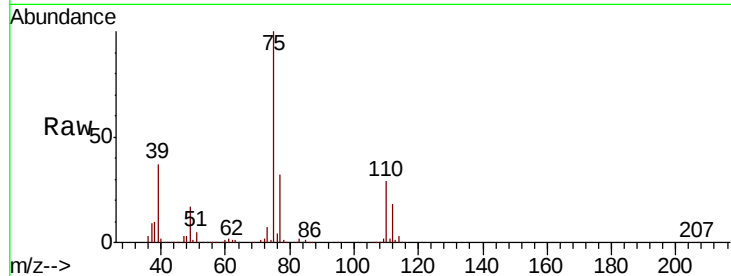
ClientSampleId :

Tot Ion: 75 Resp: 503327

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 125.058 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

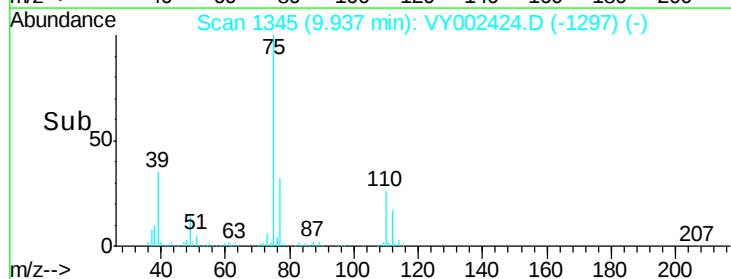
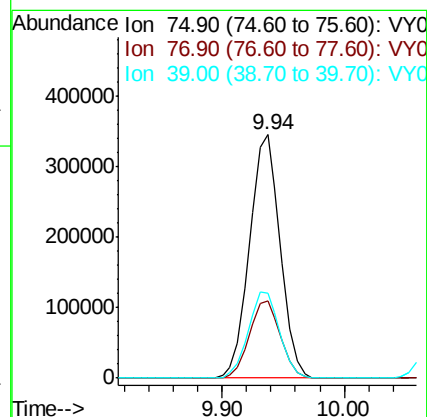
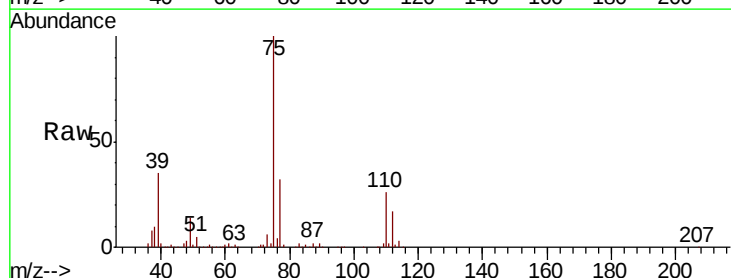
Tgt Ion: 75 Resp: 600645

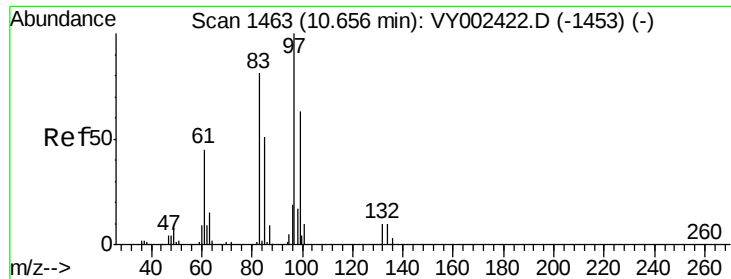
Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.4

39 34.9 26.6 40.0

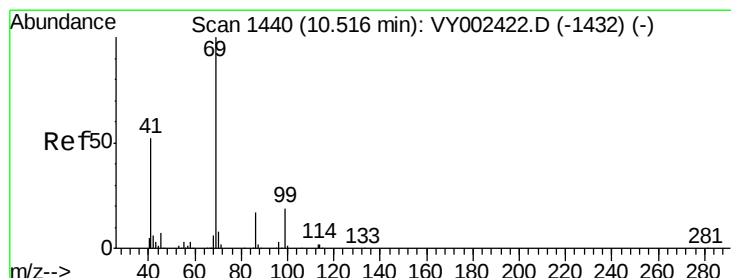
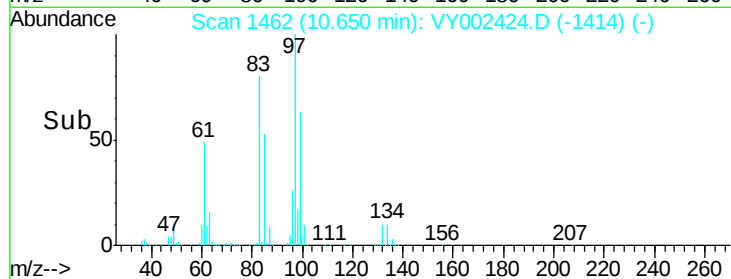
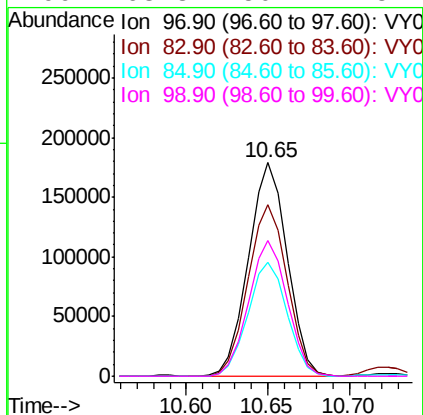
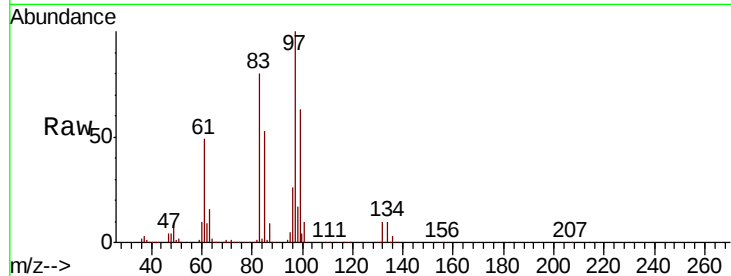




#55
 1,1,2-Trichloroethane
 Concen: 125.407 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

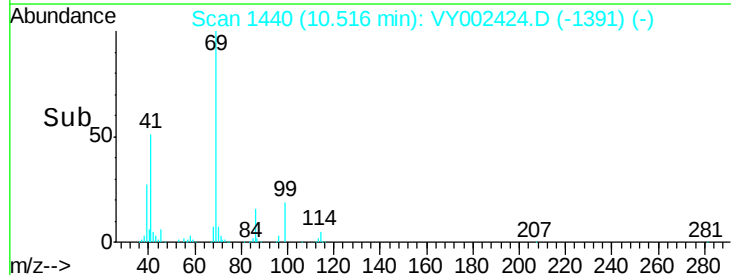
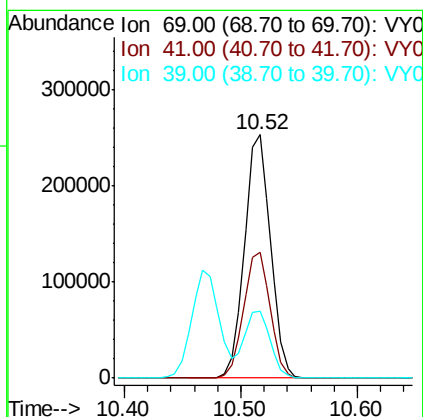
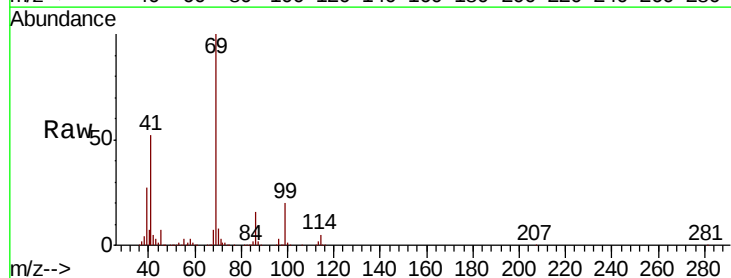
Instrument :
 MSVOA_Y
 ClientSampleId :

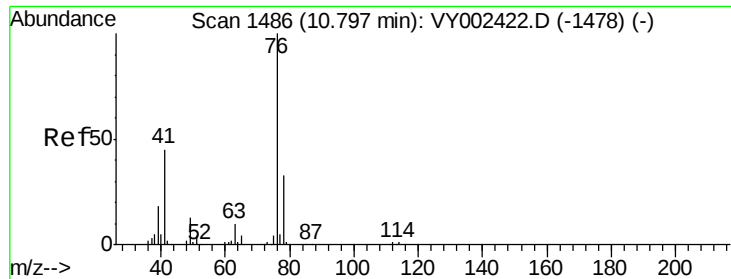
Tot Ion:	97	Resp:	296205
Ion	Ratio	Lower	Upper
97	100		
83	80.4	64.6	96.8
85	53.6	41.1	61.7
99	63.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 119.278 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion:	69	Resp:	396125
Ion	Ratio	Lower	Upper
69	100		
41	52.5	42.0	63.0
39	28.0	21.2	31.8

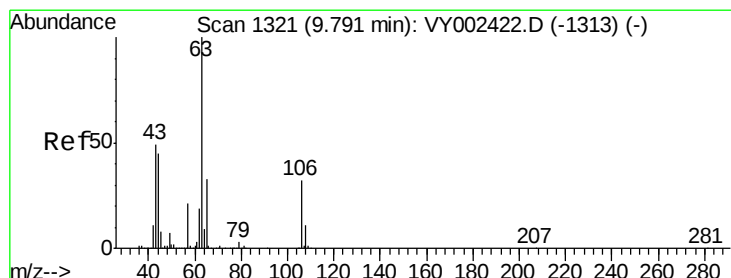
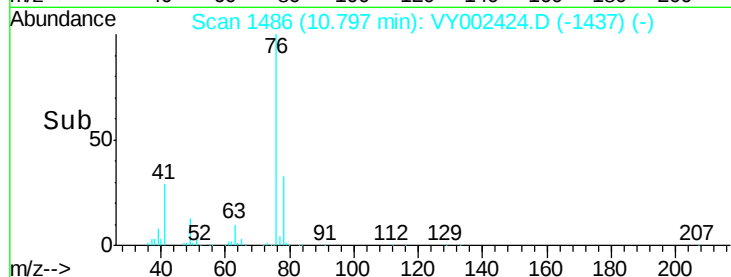
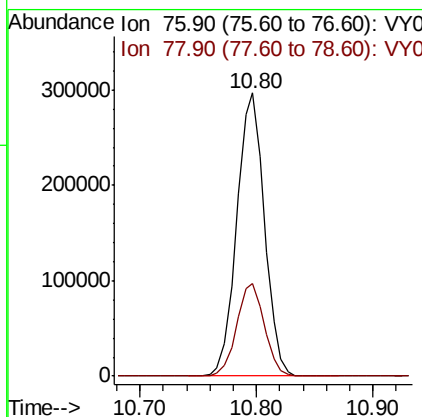
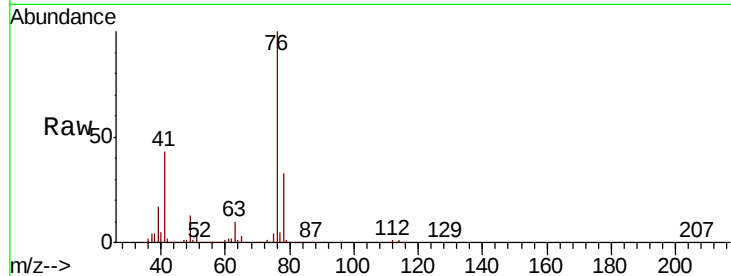




#57
 1,3-Dichloropropane
 Concen: 119.631 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

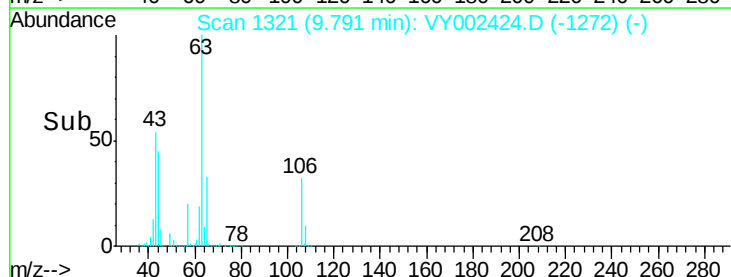
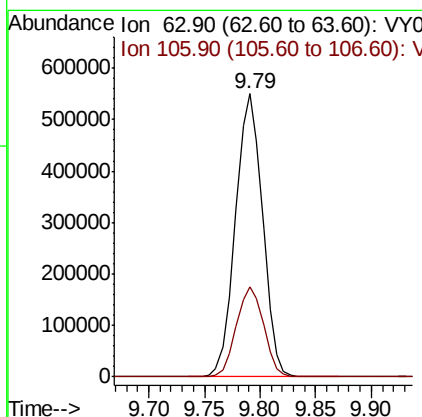
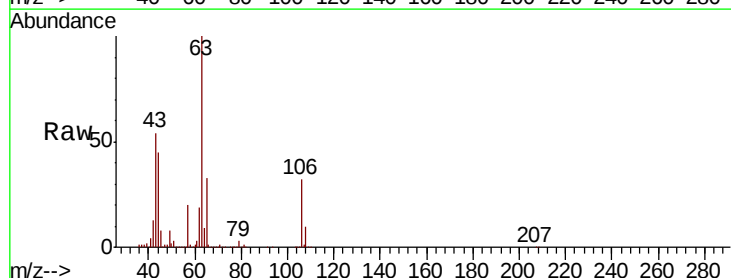
Instrument :
 MSVOA_Y
 ClientSampleId :

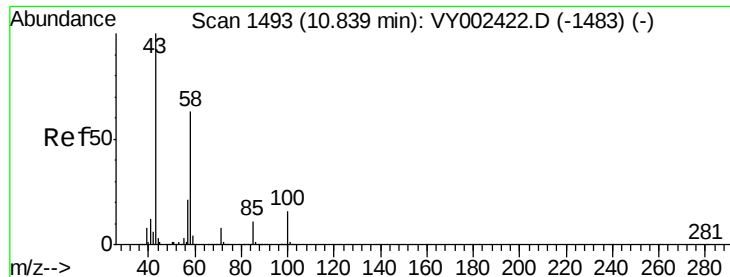
Tot Ion: 76 Resp: 491574
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 536.818 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion: 63 Resp: 925006
 Ion Ratio Lower Upper
 63 100
 106 32.1 26.2 39.4





#59

2-Hexanone

Concen: 502.099 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

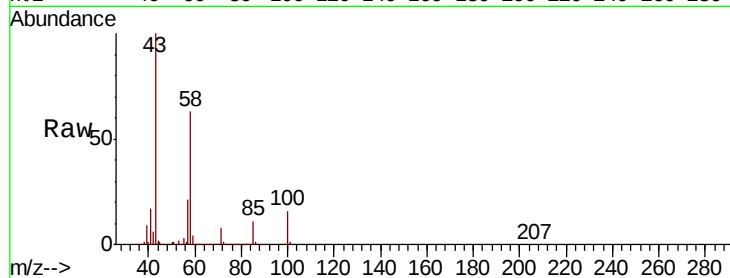
ClientSampled :

Tot Ion: 43 Resp: 754334

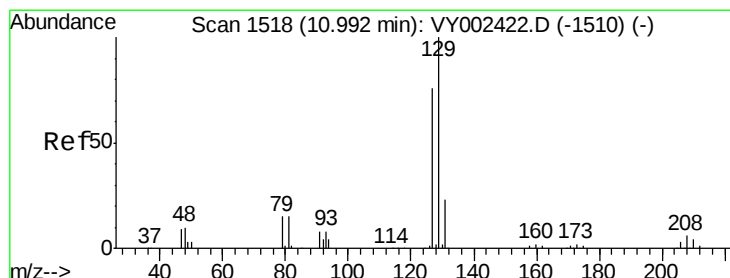
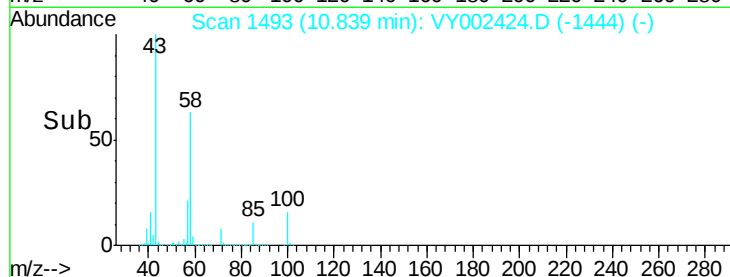
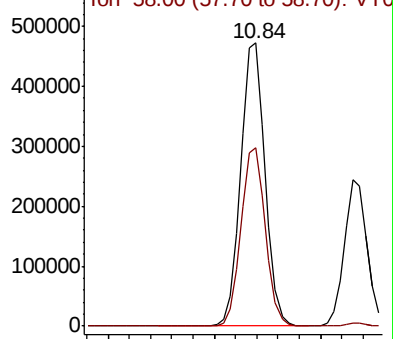
Ion Ratio Lower Upper

43 100

58 63.1 32.5 97.4



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1483) (-)



#60

Dibromochloromethane

Concen: 145.106 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY002424.D

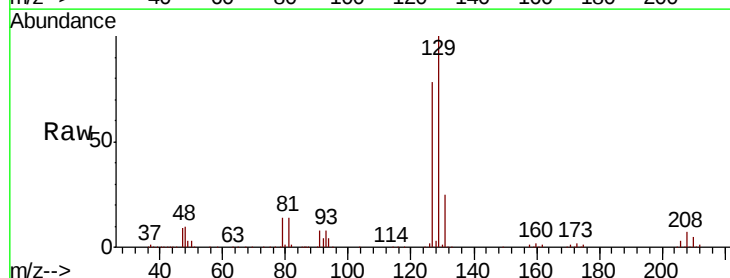
Acq: 20 Apr 2020 14:59

Tgt Ion: 129 Resp: 372575

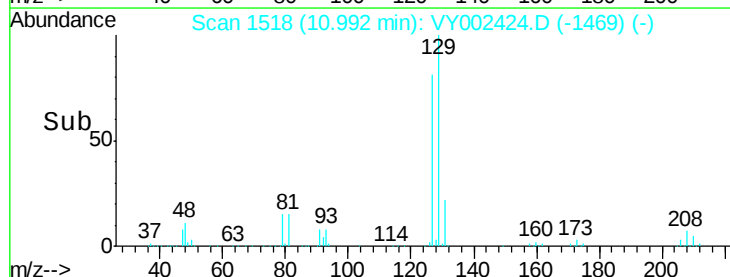
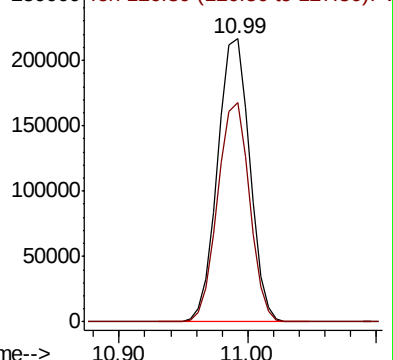
Ion Ratio Lower Upper

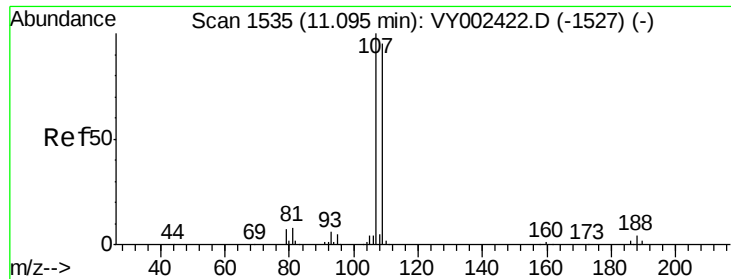
129 100

127 76.9 38.6 115.7



Abundance Ion 128.80 (128.50 to 129.50): VY002422.D (-1510) (-)

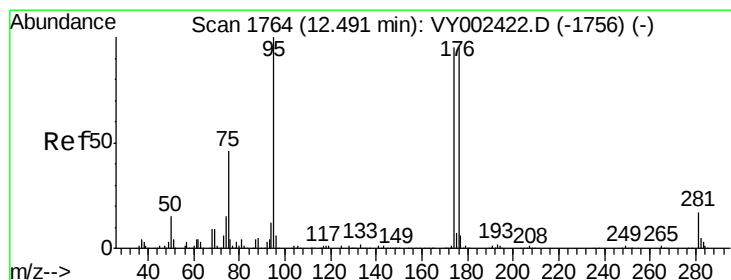
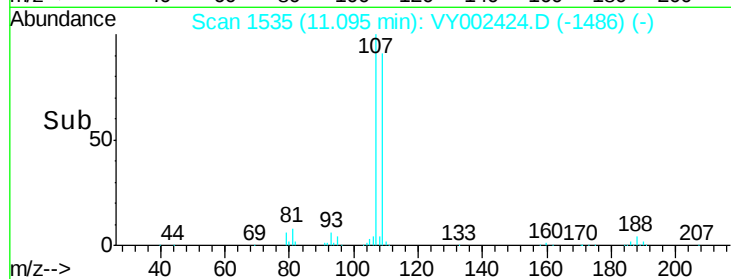
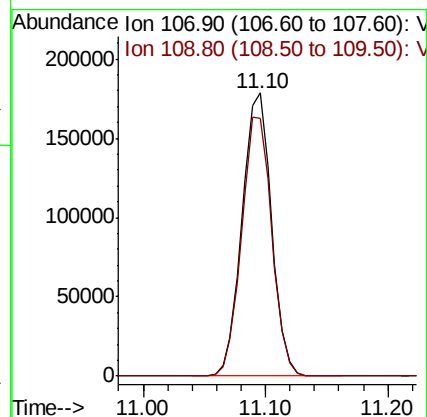
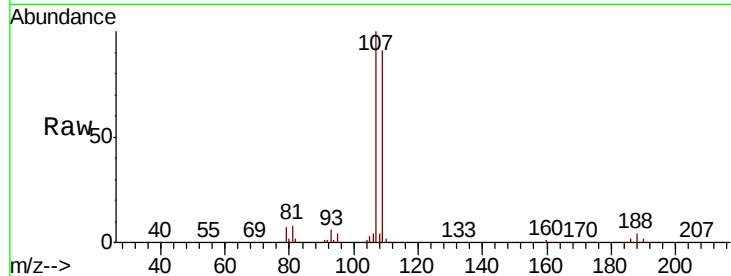




#61
 1,2-Dibromoethane
 Concen: 131.047 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

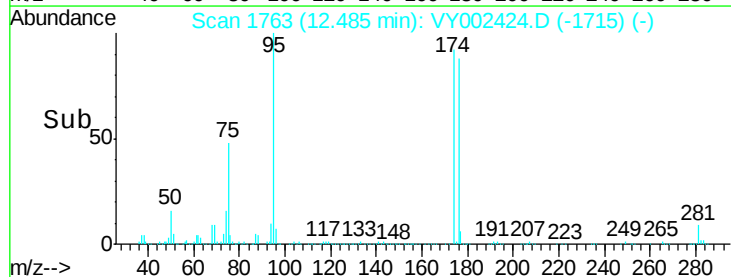
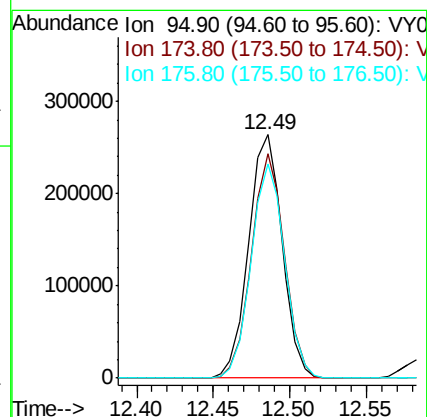
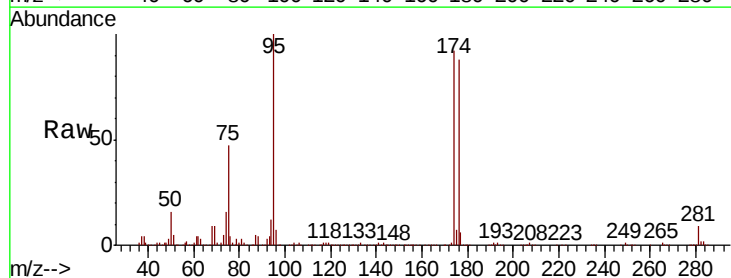
Instrument :
 MSVOA_Y
 ClientSampleId :

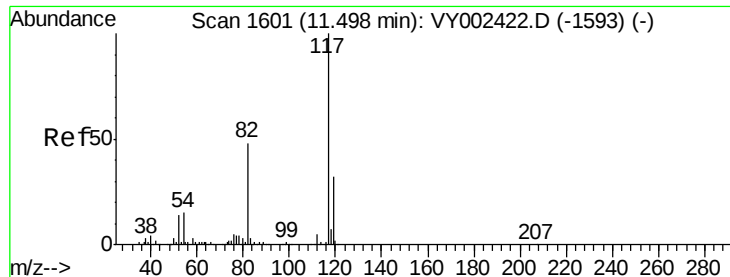
Tot Ion:107 Resp: 296440
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 119.025 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion: 95 Resp: 401721
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 185.8
 176 88.0 0.0 181.2

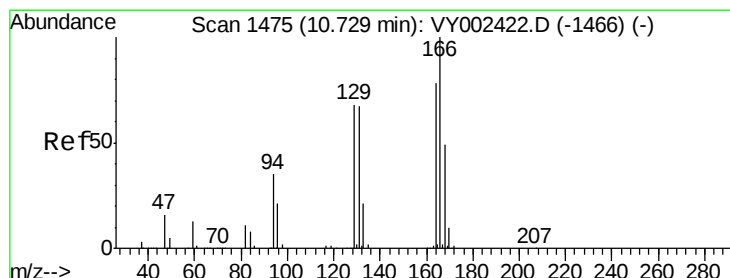
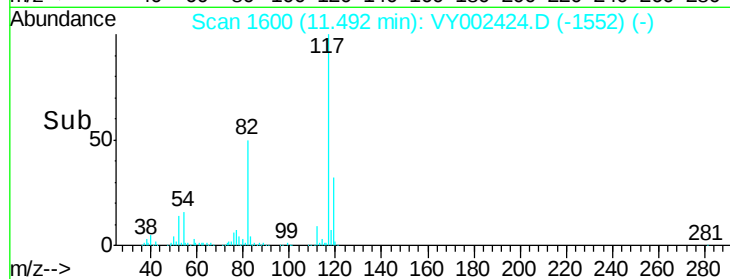
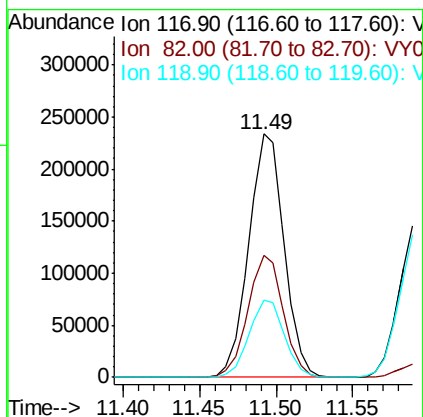
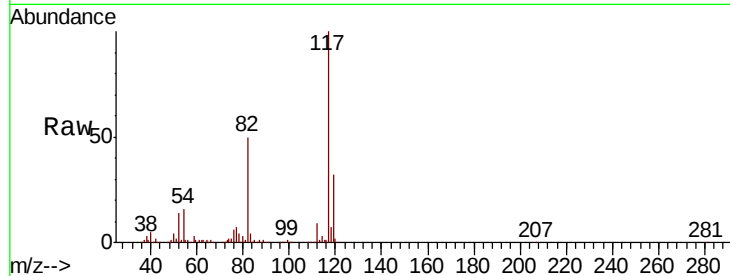




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

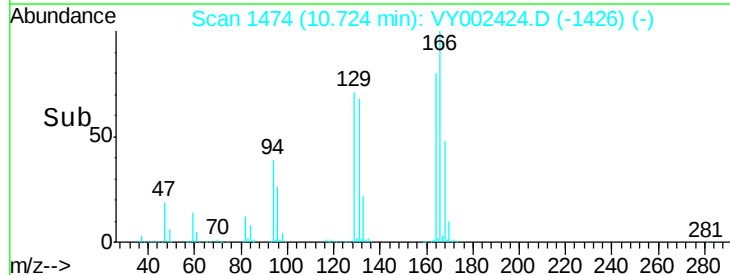
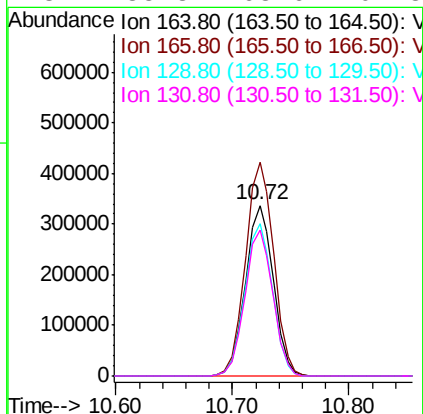
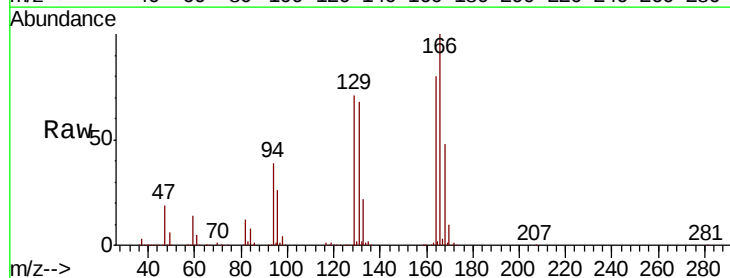
Instrument :
MSVOA_Y
ClientSampleId :

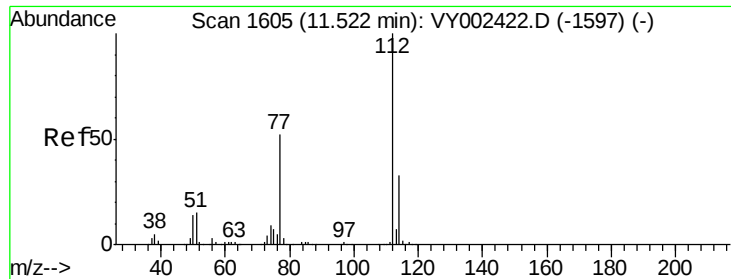
Tot Ion:117 Resp: 375158
Ion Ratio Lower Upper
117 100
82 50.1 38.4 57.6
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 146.142 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion:164 Resp: 561624
Ion Ratio Lower Upper
164 100
166 125.1 102.4 153.6
129 89.2 70.1 105.1
131 85.3 68.6 102.8

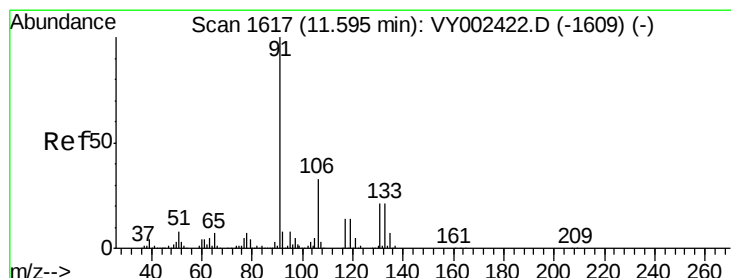
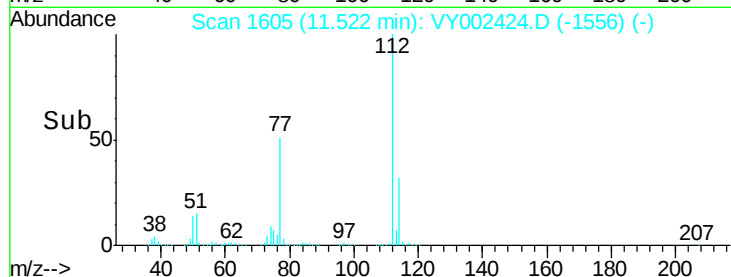
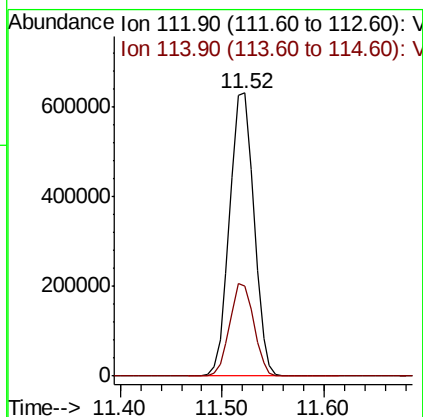
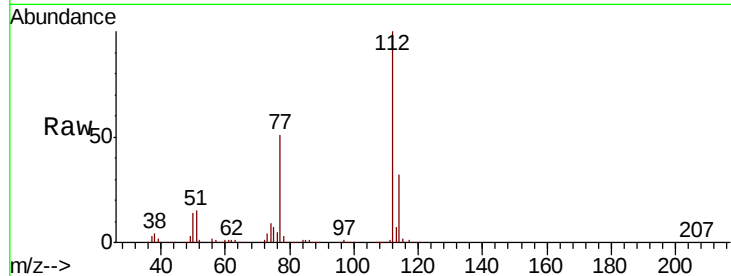




#65
Chlorobenzene
Concen: 134.733 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

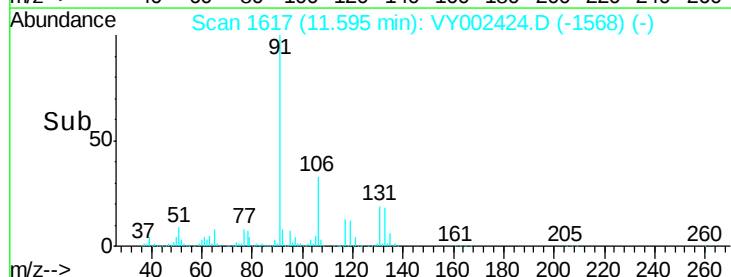
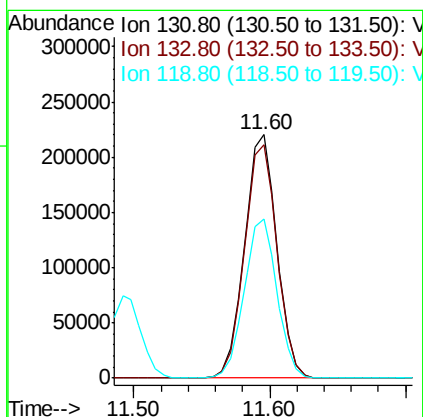
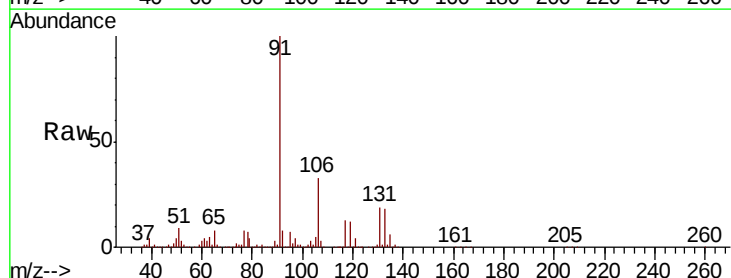
Instrument :
MSVOA_Y
ClientSampleId :

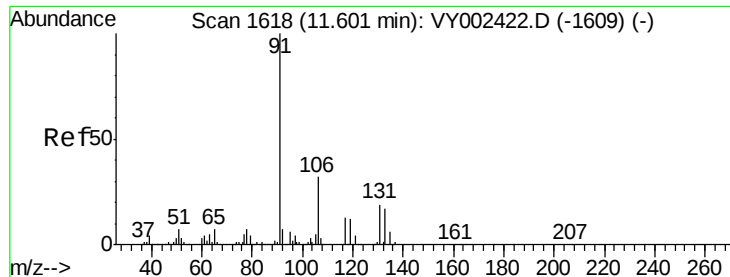
Tot Ion:112 Resp: 1040655
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 142.309 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion:131 Resp: 365919
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.8
119 66.0 33.5 100.4





#67

Ethyl Benzene

Concen: 128.371 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

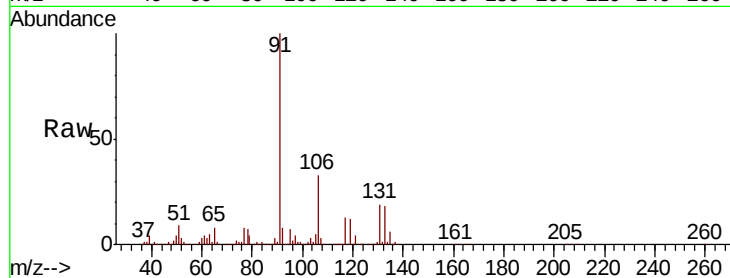
ClientSampleId :

Tot Ion: 91 Resp: 1796935

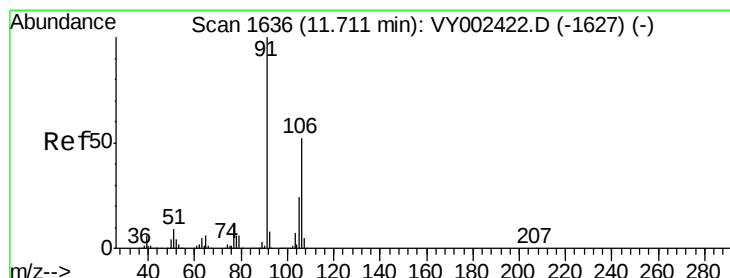
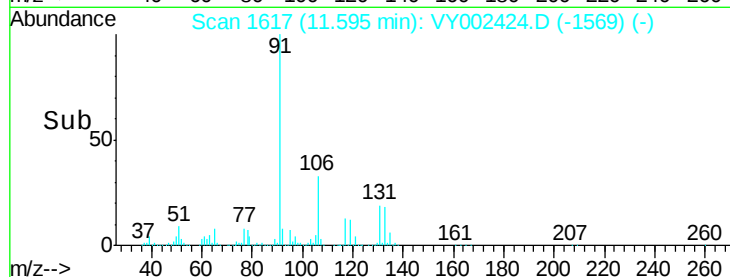
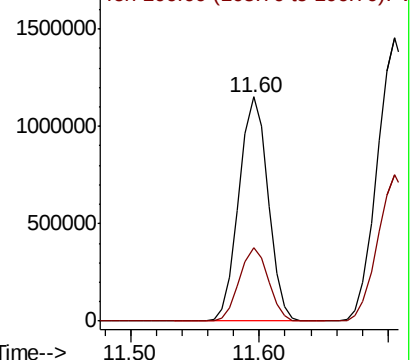
Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VY002422.D (-1609) (-)



#68

m/p-Xylenes

Concen: 262.288 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002424.D

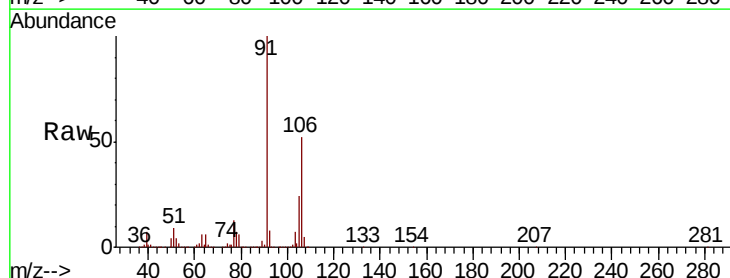
Acq: 20 Apr 2020 14:59

Tgt Ion:106 Resp: 1384062

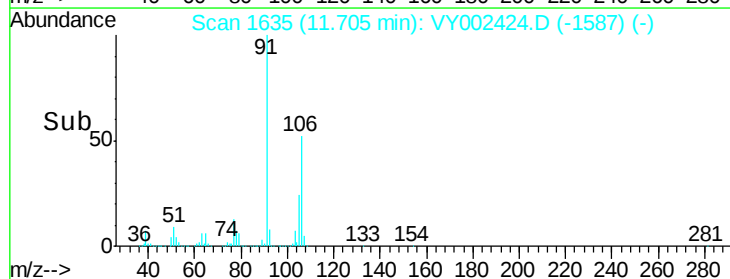
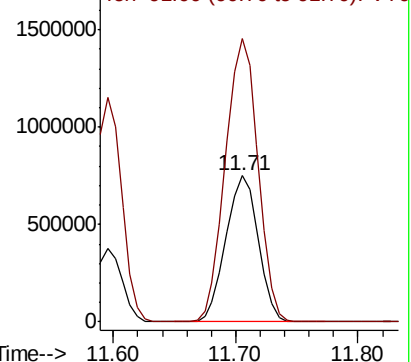
Ion Ratio Lower Upper

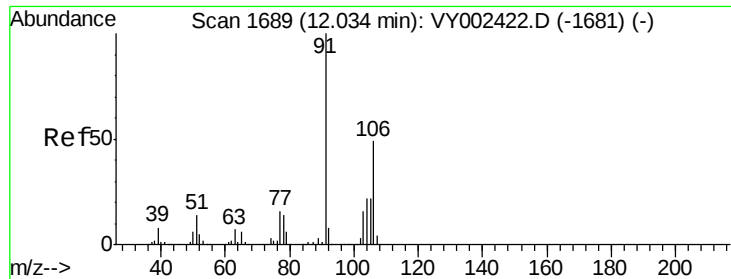
106 100

91 194.4 153.6 230.4



Abundance Ion 106.00 (105.70 to 106.70): VY002422.D (-1627) (-)

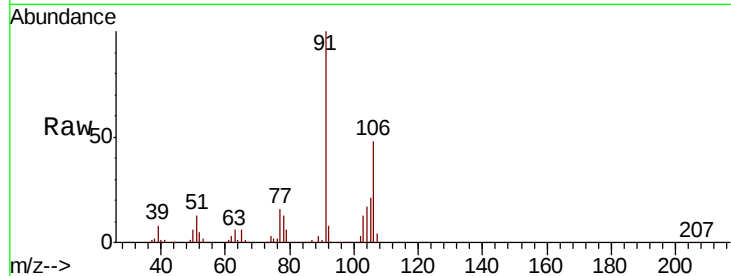




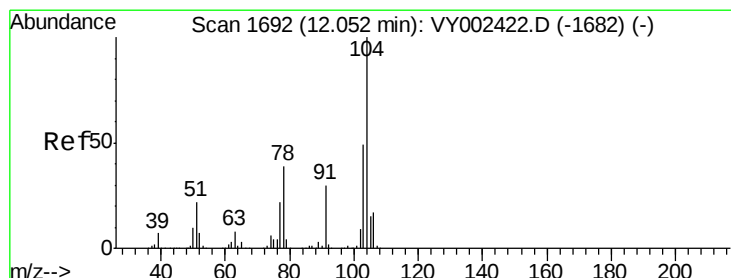
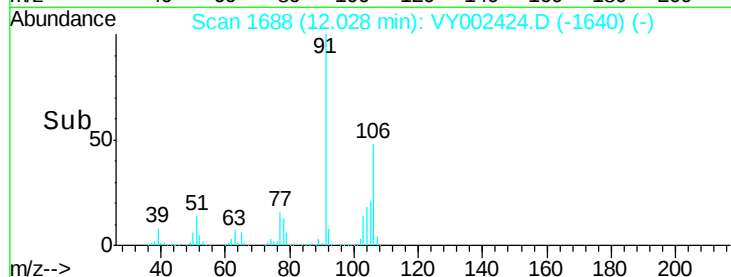
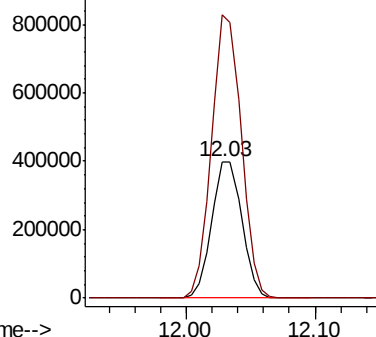
#69
o-Xylene
Concen: 130.672 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 647354
Ion Ratio Lower Upper
106 100
91 204.2 100.4 301.2

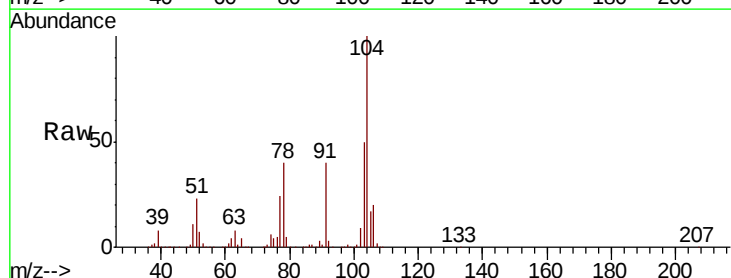


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

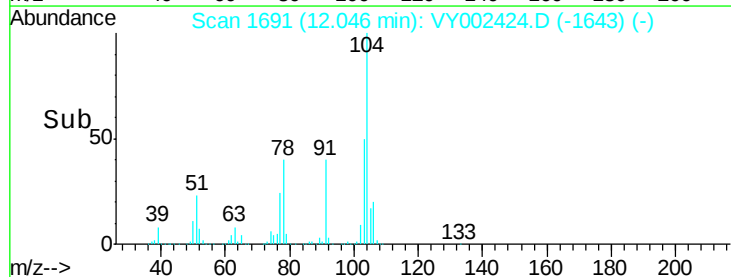
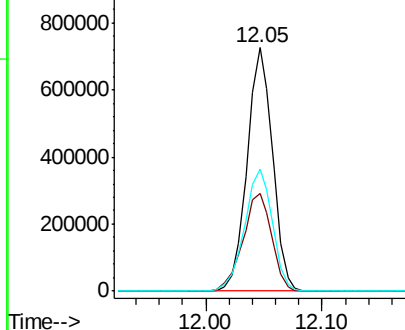


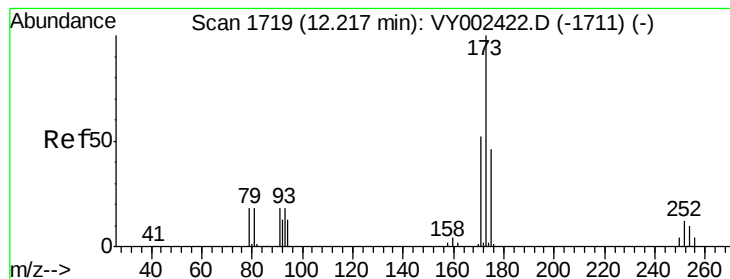
#70
Styrene
Concen: 129.210 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion:104 Resp: 1108942
Ion Ratio Lower Upper
104 100
78 45.3 34.5 51.7
103 54.8 43.4 65.2



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: 158.957 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

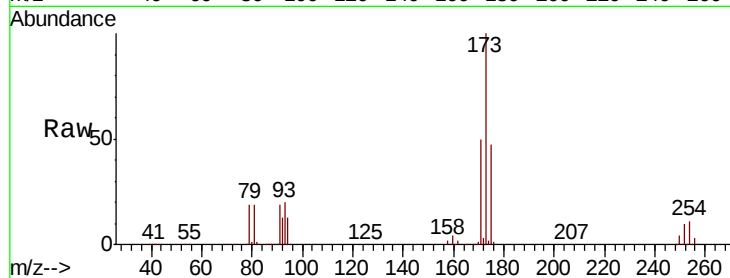
Tot Ion:173 Resp: 226690

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

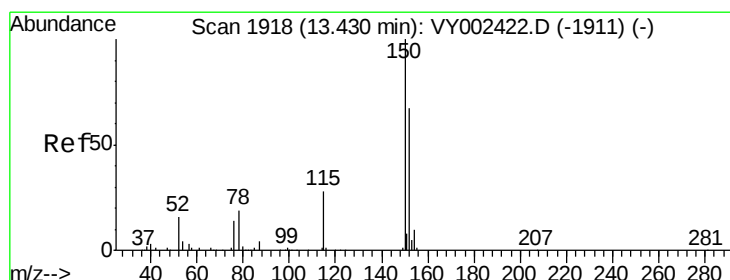
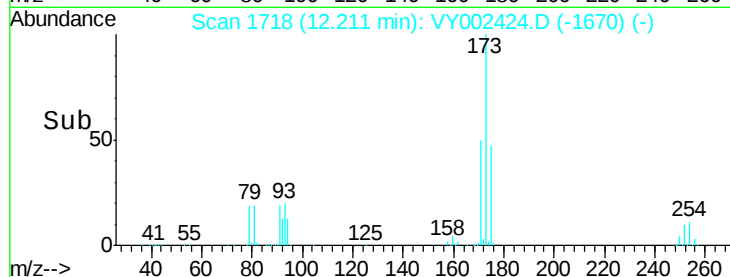
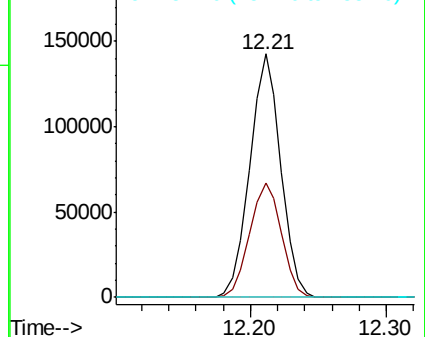
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

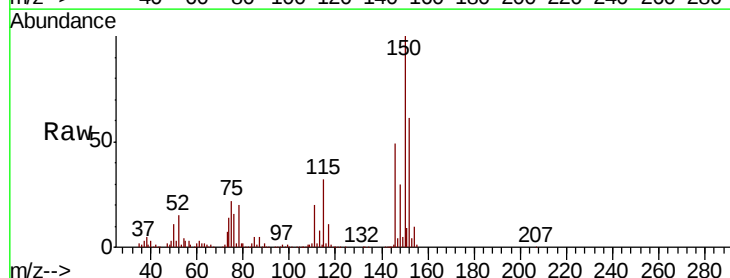
Tgt Ion:152 Resp: 175500

Ion Ratio Lower Upper

152 100

115 53.8 27.3 81.8

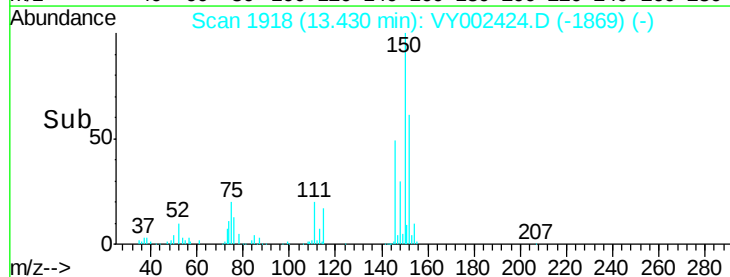
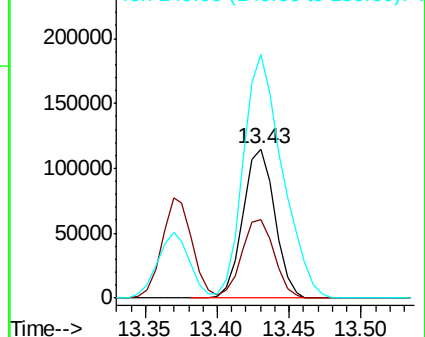
150 200.8 0.0 344.0

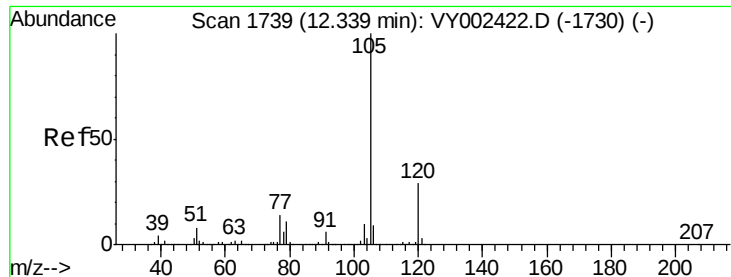


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

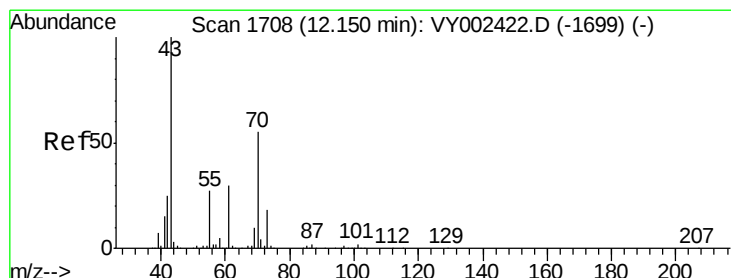
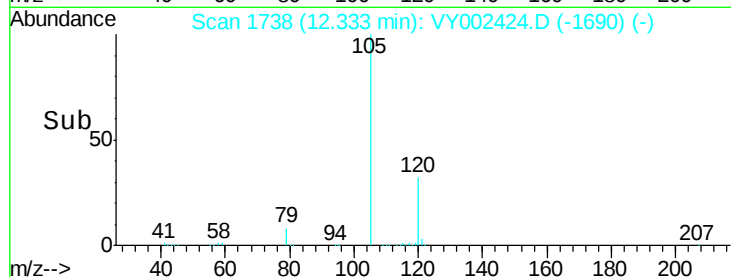
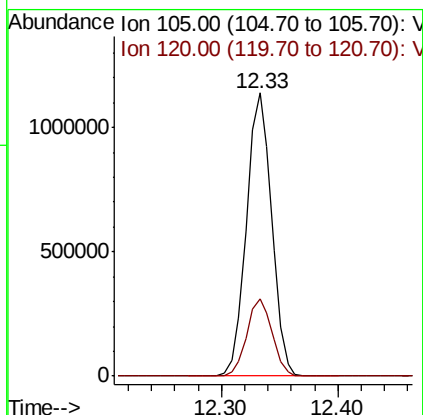
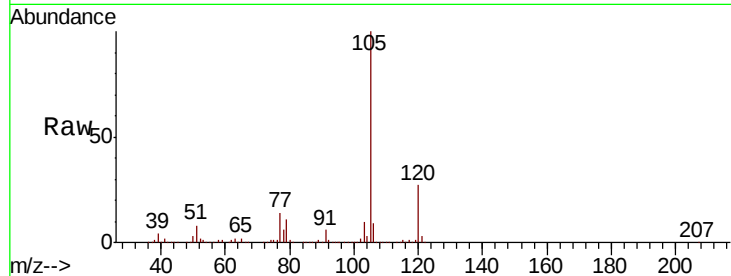




#73
Isopropylbenzene
Concen: 128.307 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

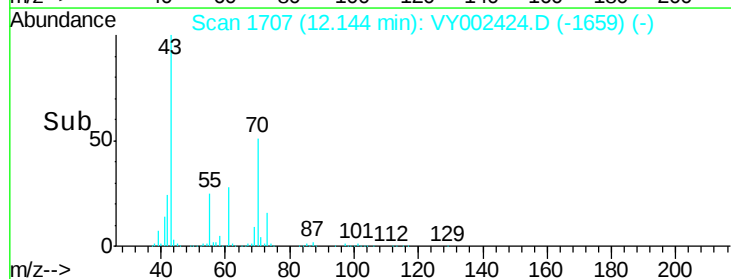
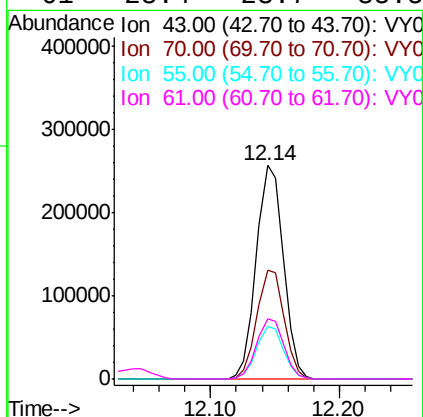
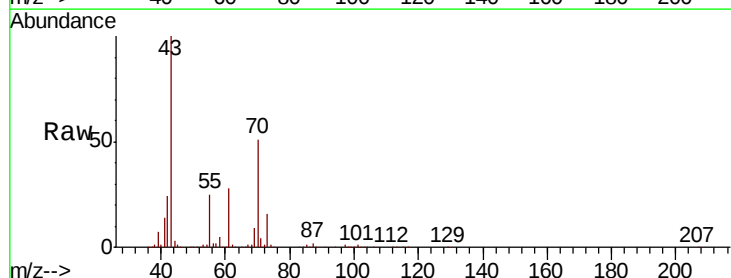
Instrument :
MSVOA_Y
ClientSampled :

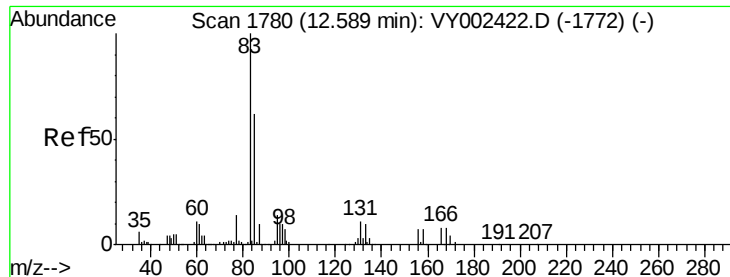
Tot Ion:105 Resp: 1721360
Ion Ratio Lower Upper
105 100
120 27.4 13.9 41.7



#74
N-ethyl acetate
Concen: 100.593 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 43 Resp: 372705
Ion Ratio Lower Upper
43 100
70 51.5 42.6 63.8
55 24.6 21.0 31.4
61 28.4 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 133.849 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

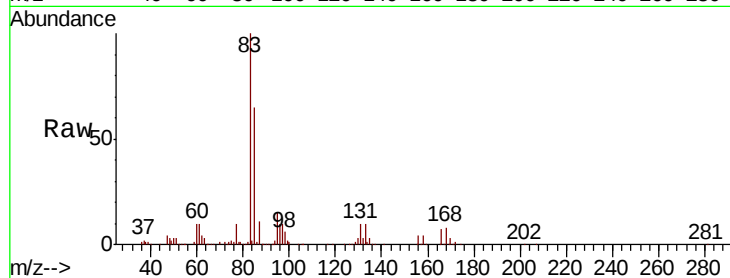
Tot Ion: 83 Resp: 217639

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.9	17.6
85	64.9	32.6	98.0

83 100

131 11.4 5.9 17.6

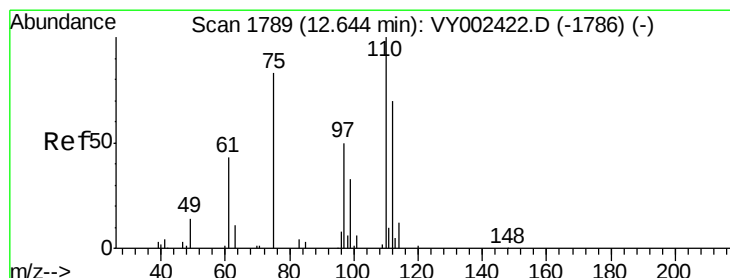
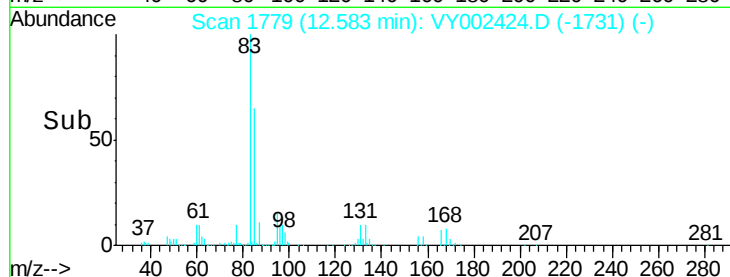
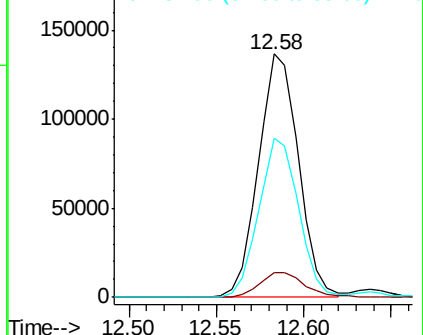
85 64.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 210.024 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002424.D

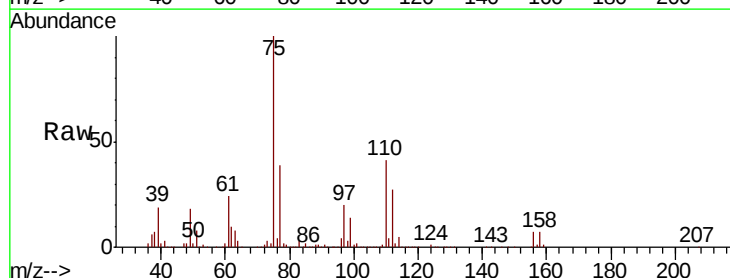
Acq: 20 Apr 2020 14:59

Tgt Ion: 75 Resp: 409836

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

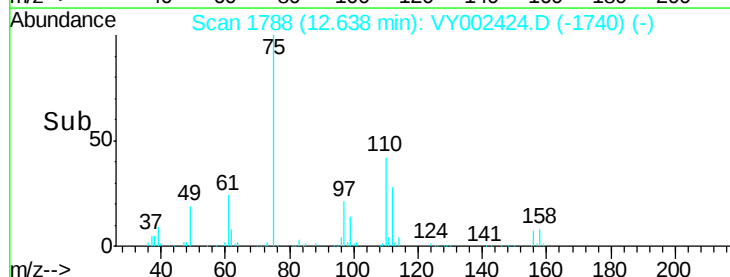
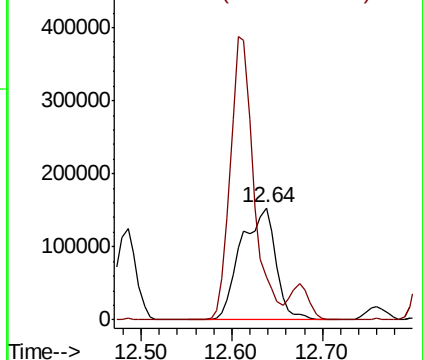
75 100

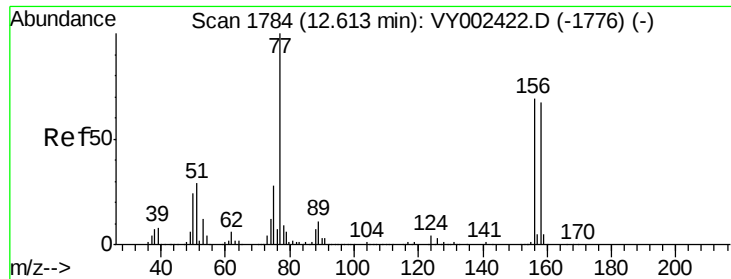
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 141.878 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampled :

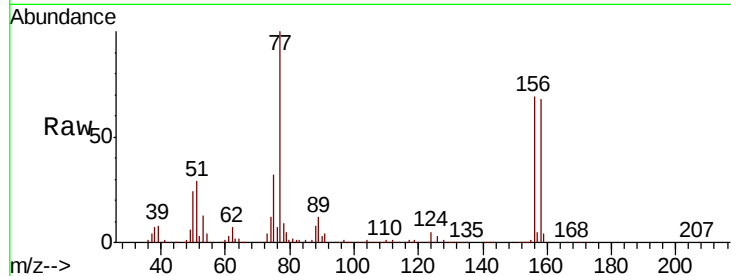
Tot Ion:156 Resp: 427698

Ion Ratio Lower Upper

156 100

77 163.6 80.2 240.6

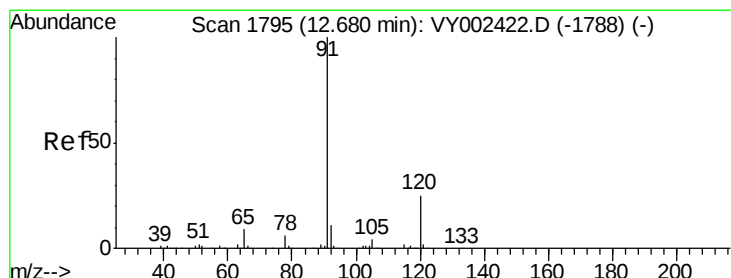
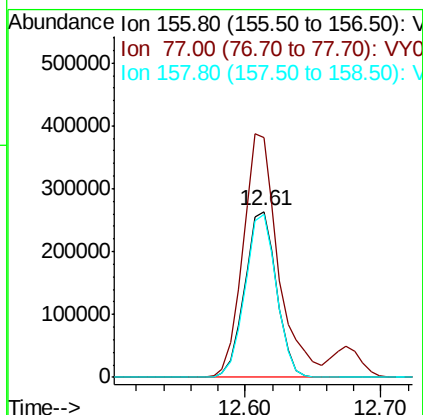
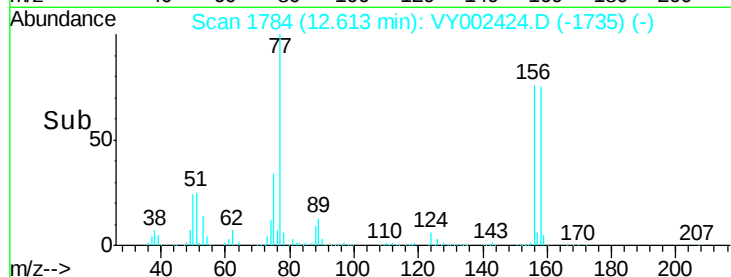
158 97.5 48.4 145.0



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: 122.319 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002424.D

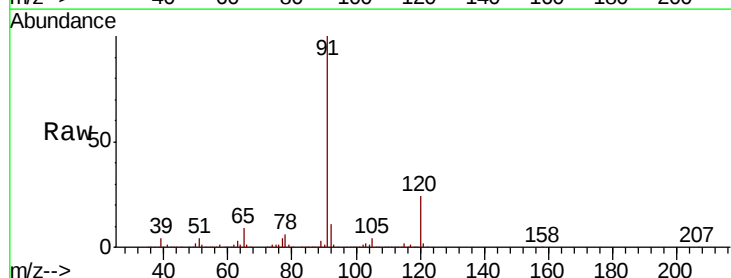
Acq: 20 Apr 2020 14:59

Tgt Ion: 91 Resp: 2028445

Ion Ratio Lower Upper

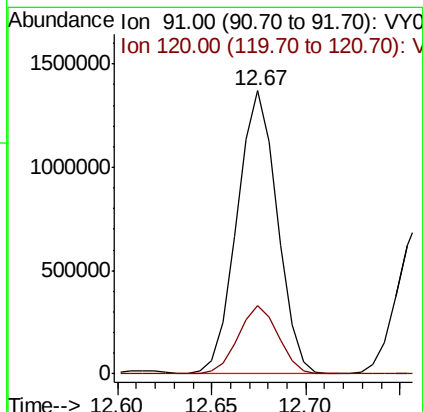
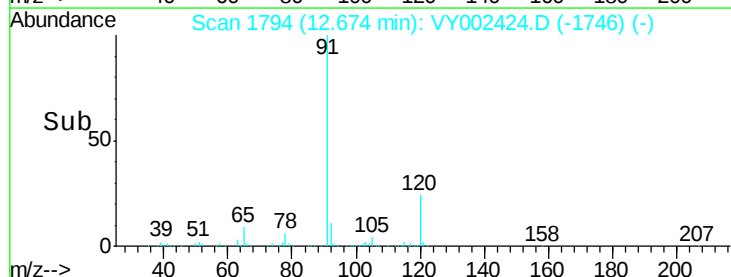
91 100

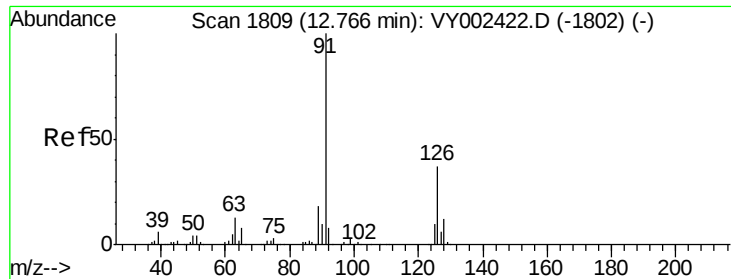
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 123.501 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

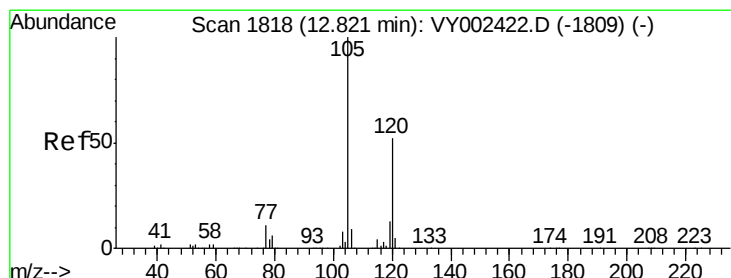
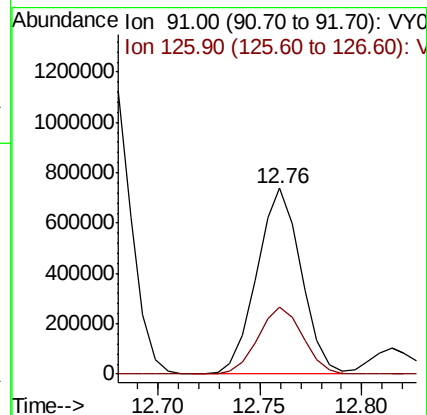
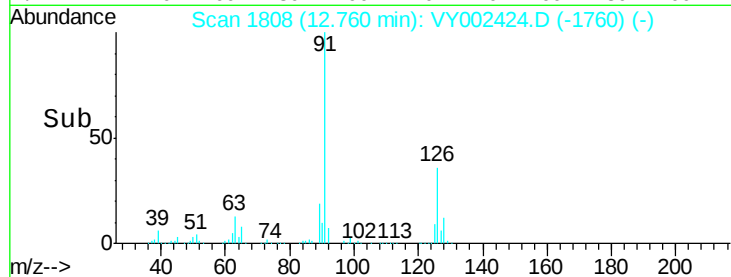
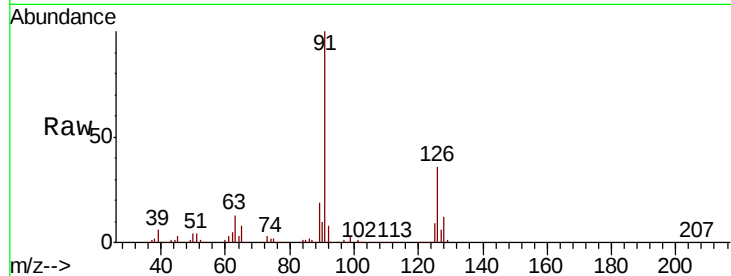
ClientSampleId :

Tot Ion: 91 Resp: 1113651

Ion Ratio Lower Upper

91 100

126 36.6 18.8 56.4



#80

1,3,5-Trimethylbenzene

Concen: 127.019 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002424.D

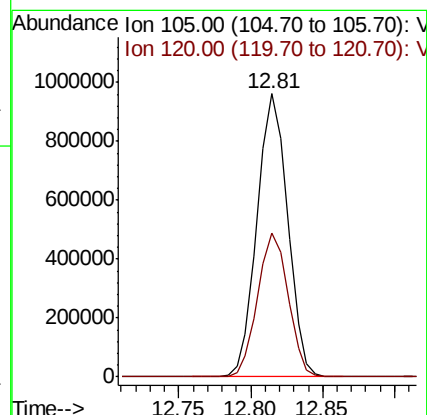
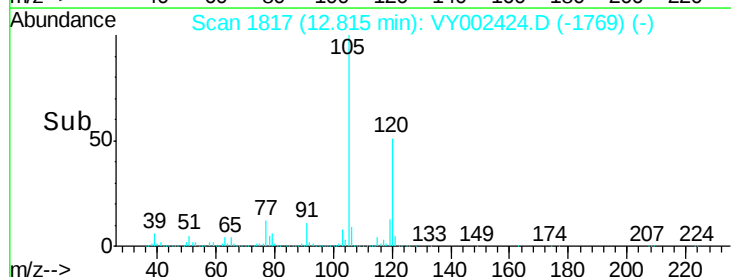
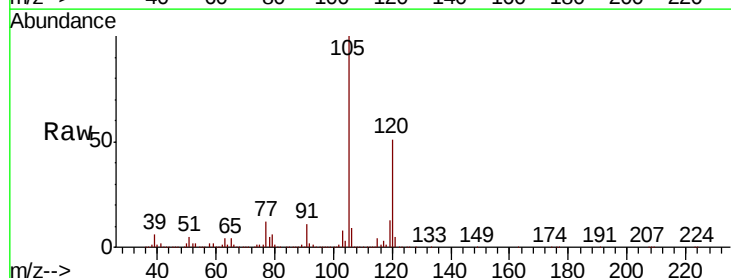
Acq: 20 Apr 2020 14:59

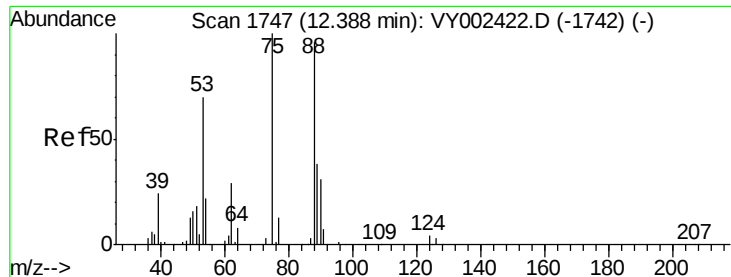
Tgt Ion:105 Resp: 1408374

Ion Ratio Lower Upper

105 100

120 50.8 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 118.533 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

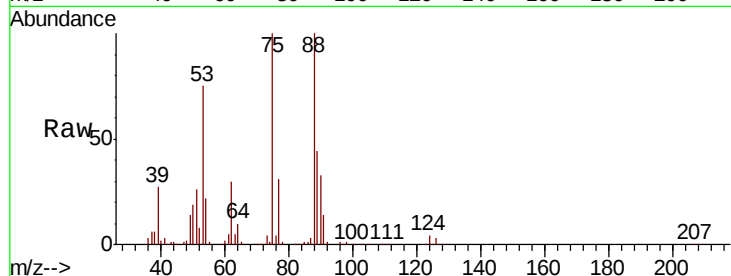
Tot Ion: 75 Resp: 119183

Ion Ratio Lower Upper

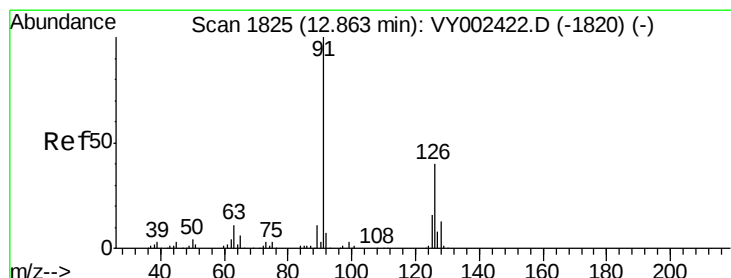
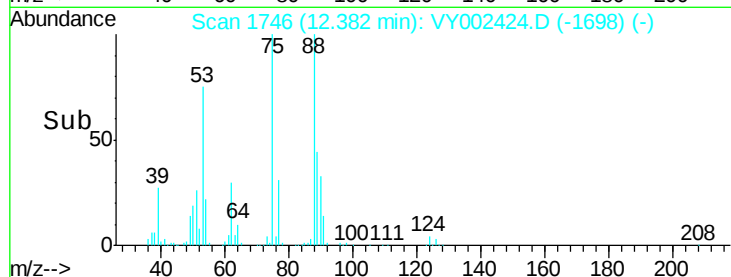
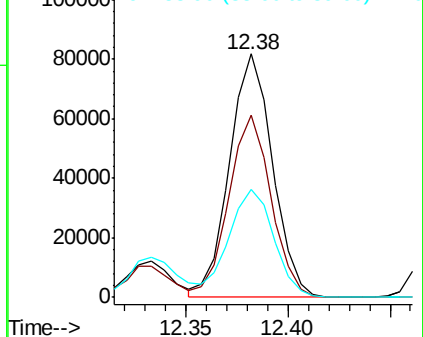
75 100

53 74.3 58.7 88.1

89 46.1 37.9 56.9



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: 123.162 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002424.D

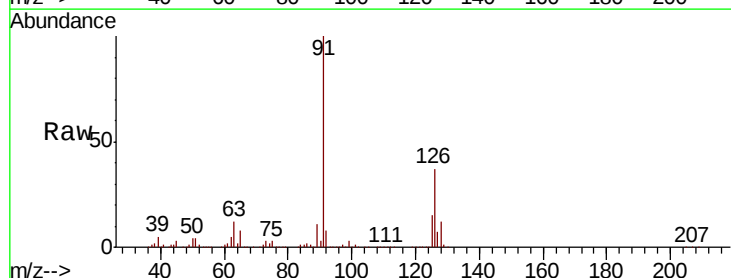
Acq: 20 Apr 2020 14:59

Tgt Ion: 91 Resp: 1164018

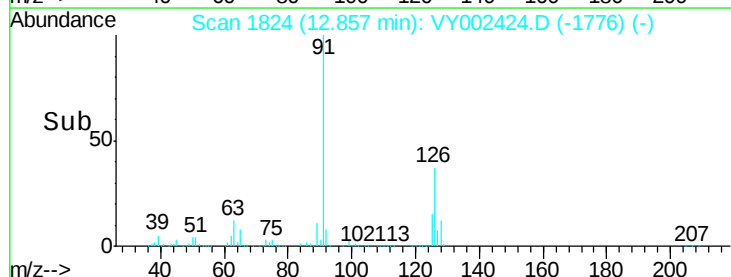
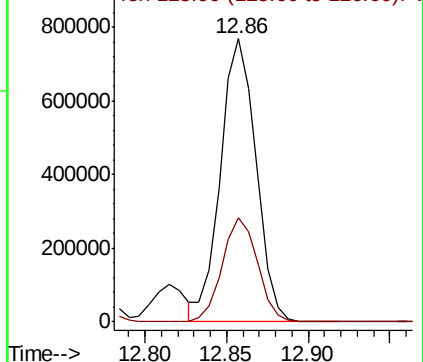
Ion Ratio Lower Upper

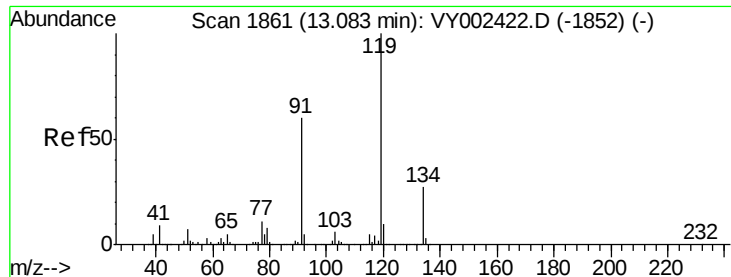
91 100

126 36.5 0.0 0.0#



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

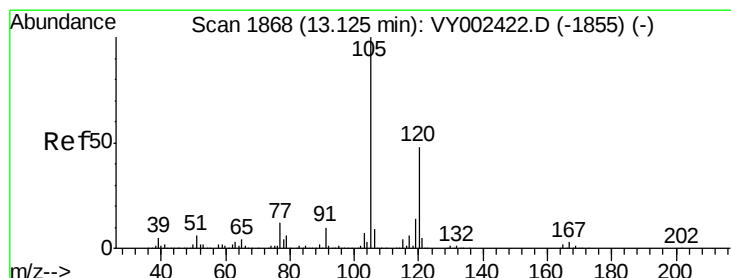
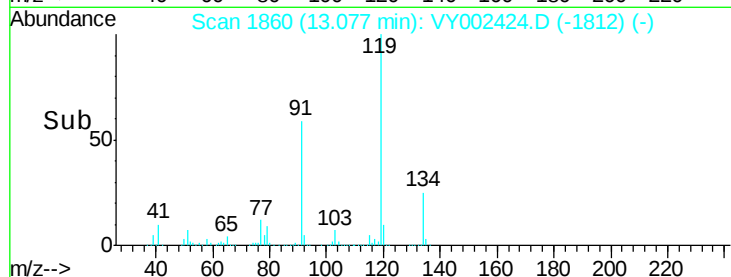
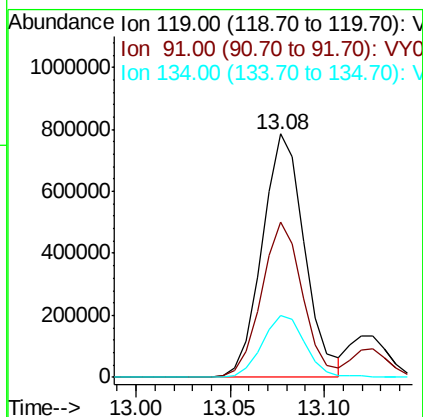
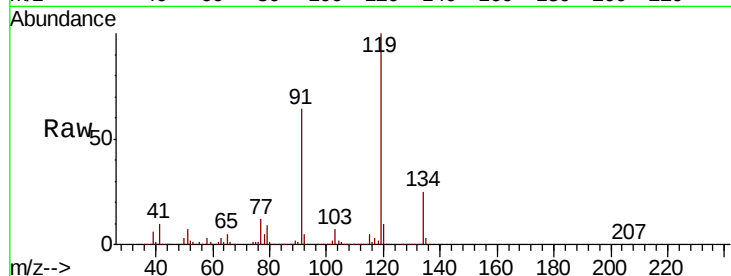




#83
 tert-Butylbenzene
 Concen: 131.151 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

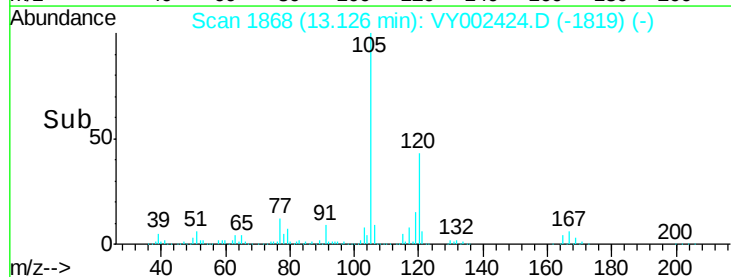
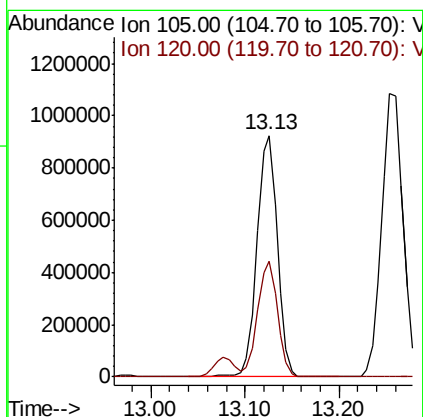
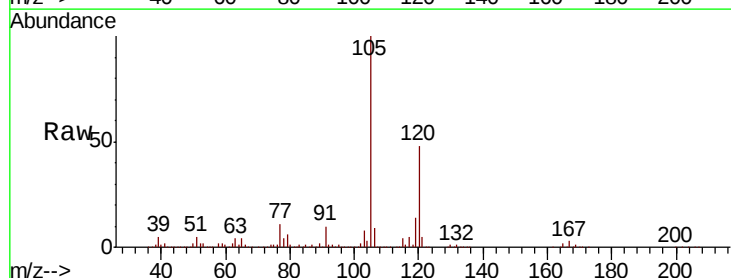
Instrument :
 MSVOA_Y
 ClientSampled :

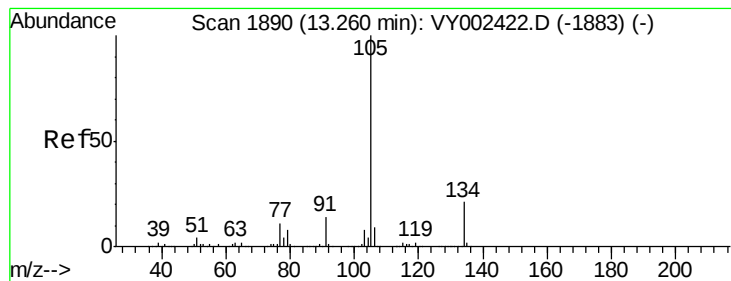
Tot Ion:119 Resp: 1222759
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.2 90.6
 134 26.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 125.695 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion:105 Resp: 1392637
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7





#85

sec-Butylbenzene

Concen: 122.824 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

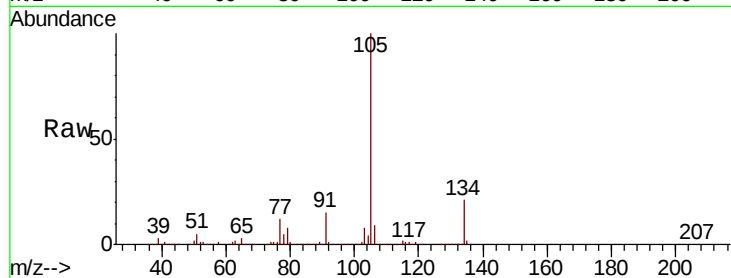
ClientSampleId :

Tot Ion:105 Resp: 1701609

Ion Ratio Lower Upper

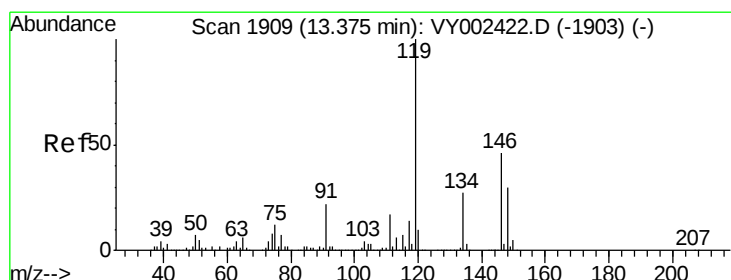
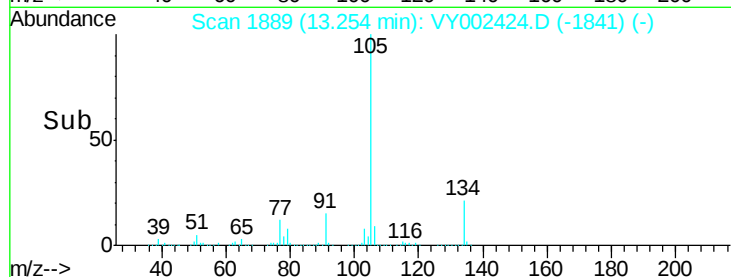
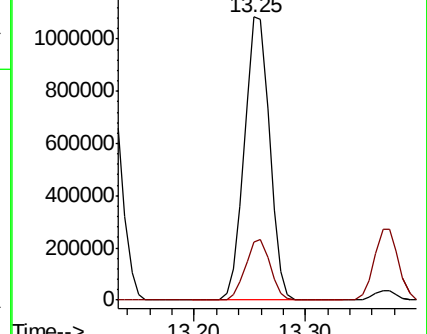
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 127.025 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

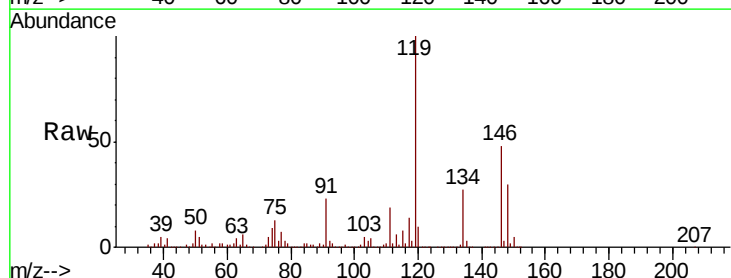
Tgt Ion:119 Resp: 1523229

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

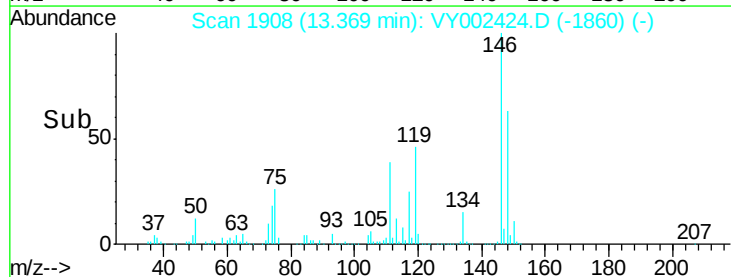
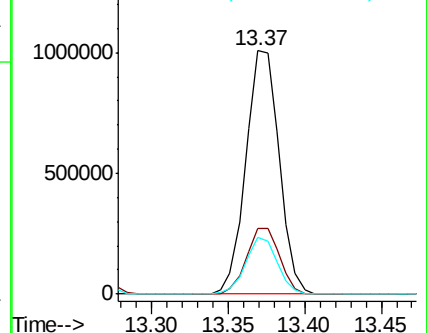
91 22.1 10.7 32.1

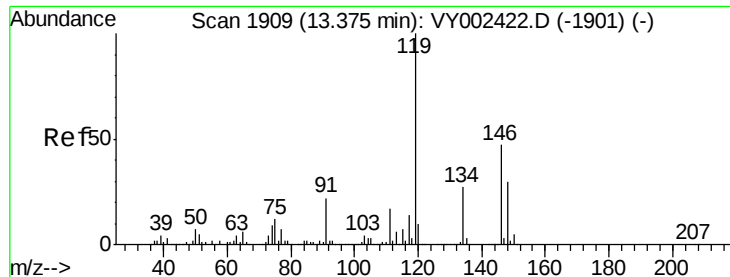


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

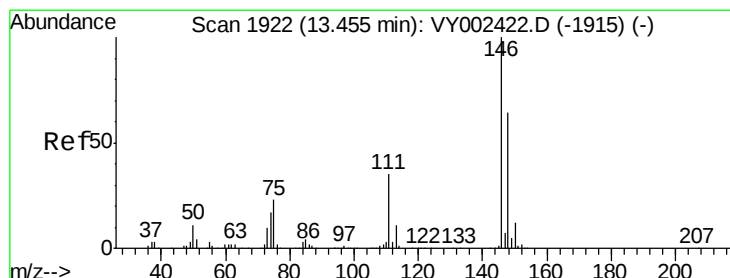
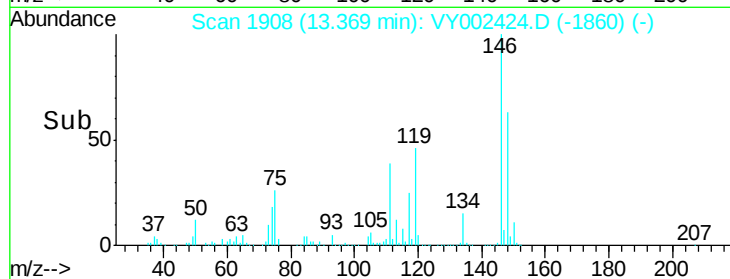
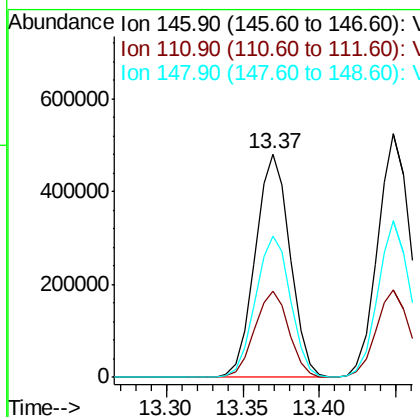
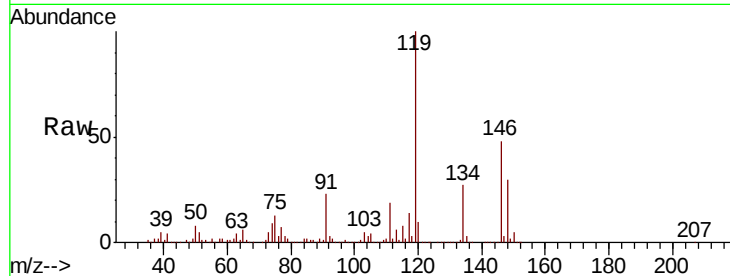




#87
 1,3-Dichlorobenzene
 Concen: 130.843 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

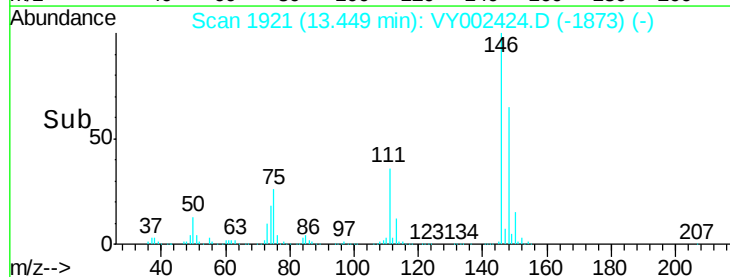
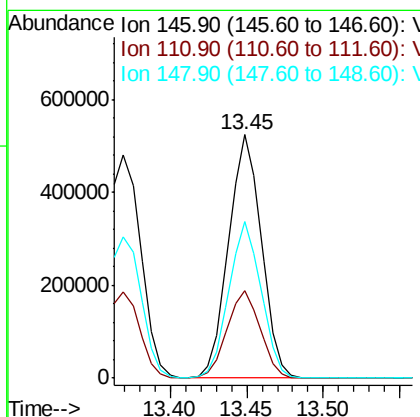
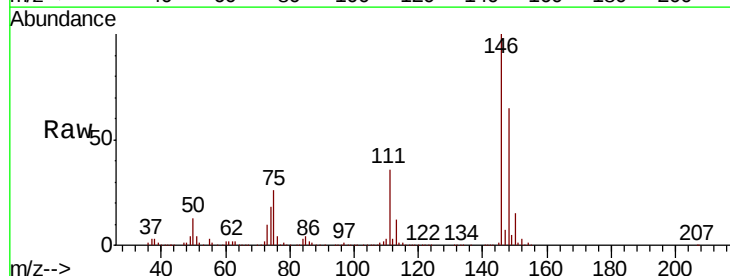
Instrument :
 MSVOA_Y
 ClientSampleId :

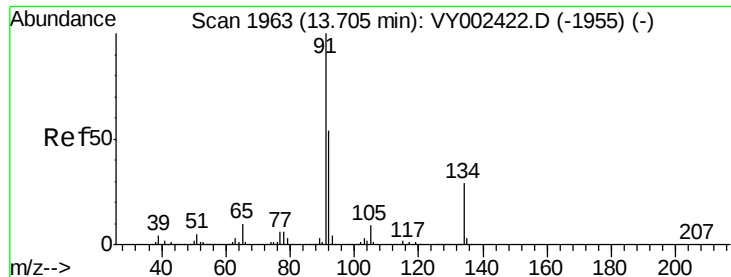
Tot Ion:146 Resp: 760323
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 131.880 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion:146 Resp: 778889
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.9 53.8
 148 63.6 32.1 96.3

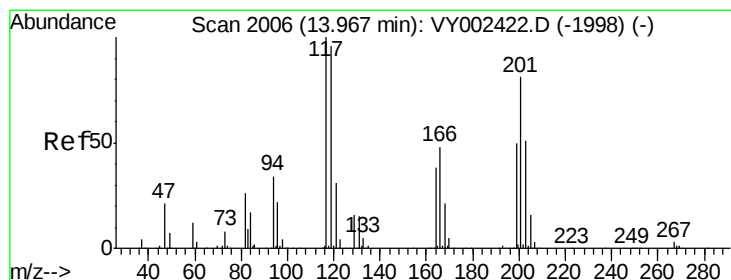
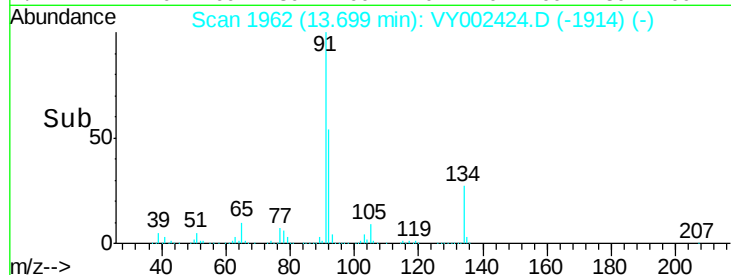
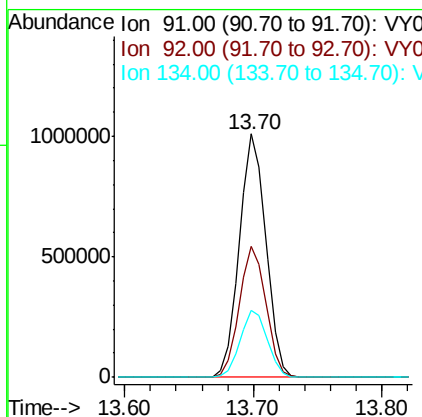
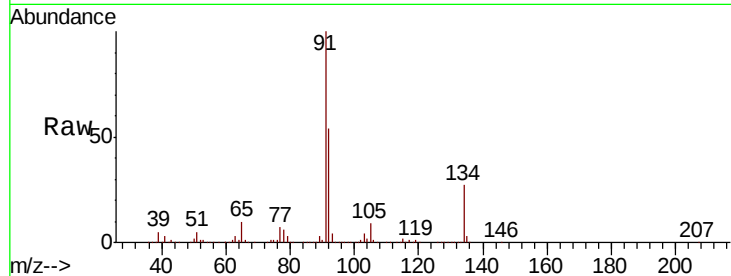




#89
n-Butylbenzene
Concen: 118.450 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

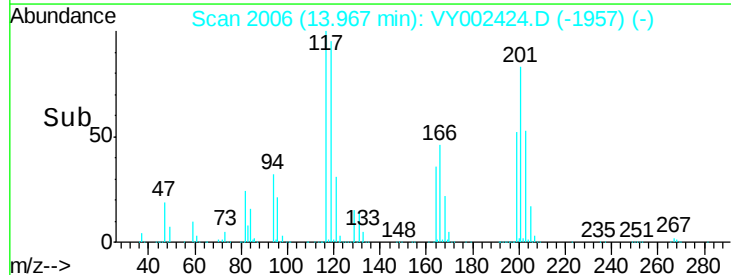
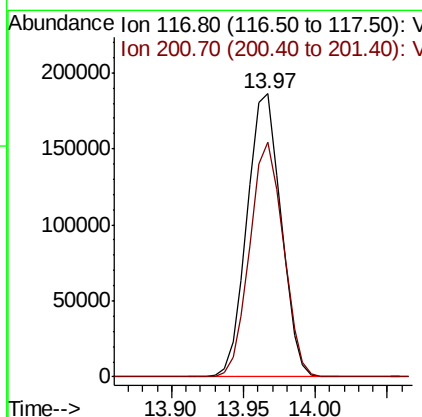
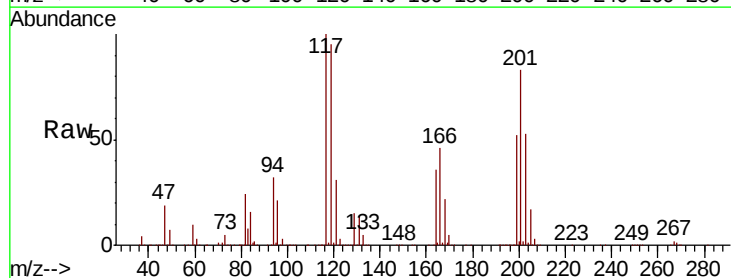
Instrument :
MSVOA_Y
ClientSampled :

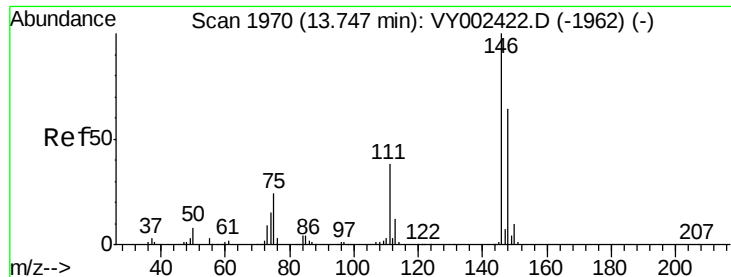
Tot Ion: 91 Resp: 1439104
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 133.332 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002424.D
Acq: 20 Apr 2020 14:59

Tgt Ion: 117 Resp: 304081
Ion Ratio Lower Upper
117 100
201 81.8 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 132.663 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

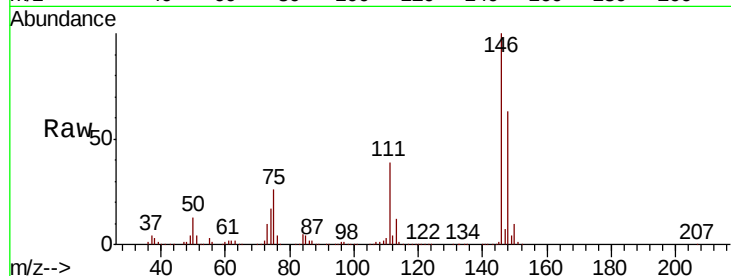
Tot Ion:146 Resp: 700668

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.5

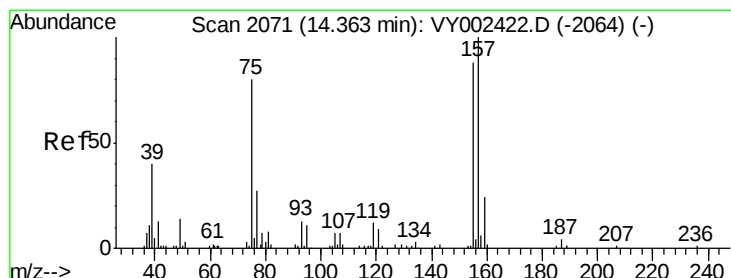
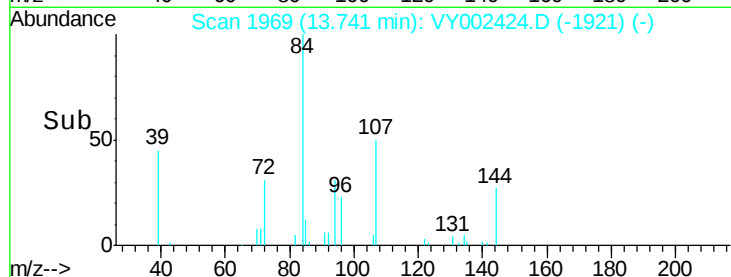
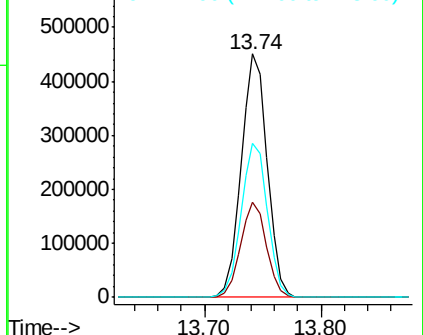
148 64.2 31.9 95.5



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: 116.706 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

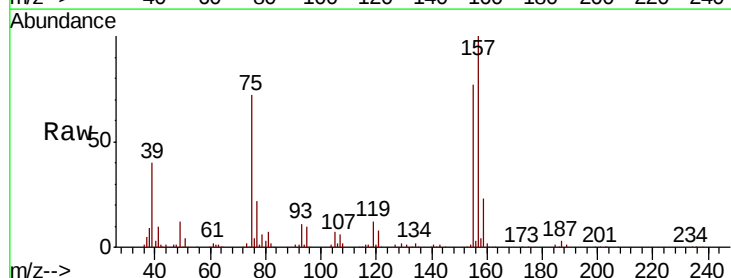
Tgt Ion: 75 Resp: 45538

Ion Ratio Lower Upper

75 100

155 108.2 56.1 168.3

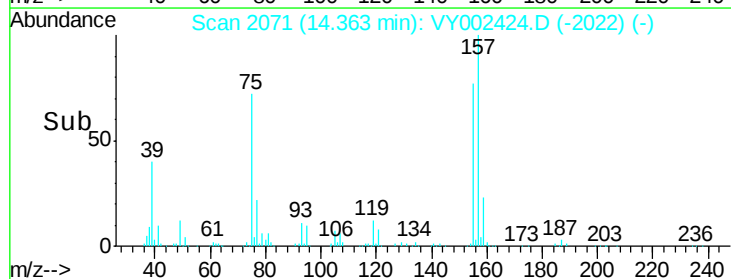
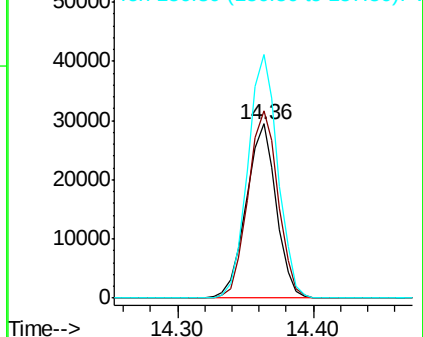
157 140.2 71.5 214.5

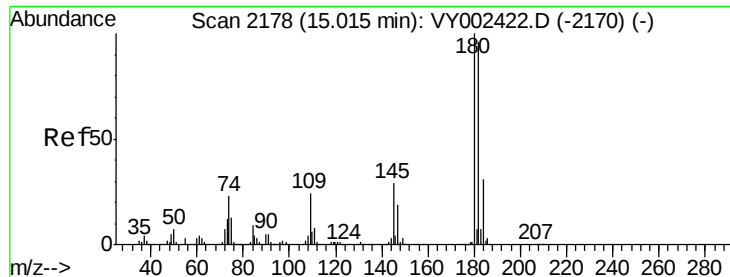


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

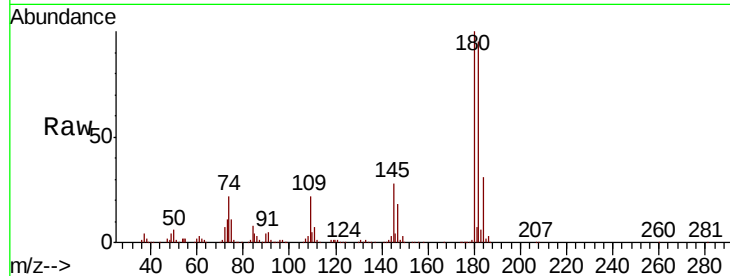




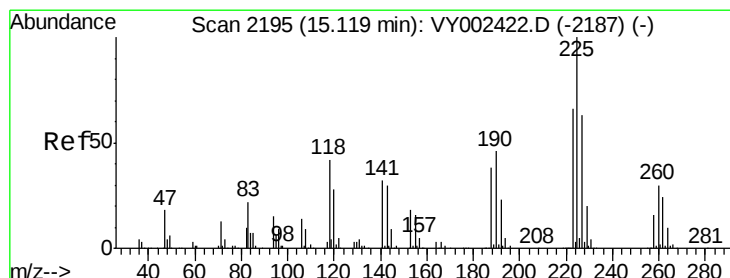
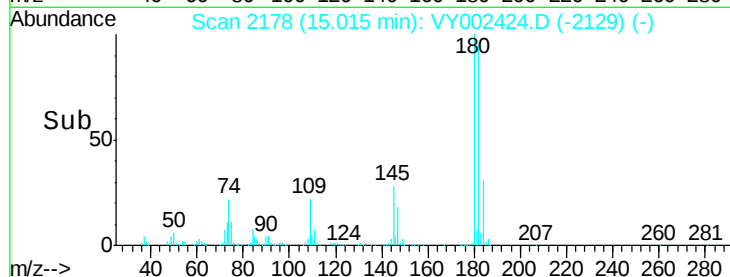
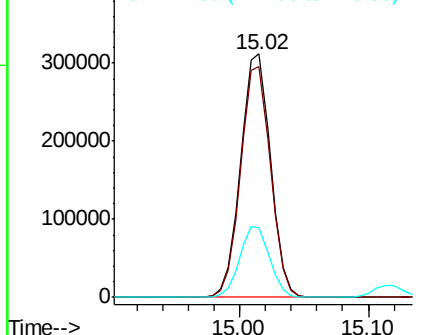
#93
 1,2,4-Trichlorobenzene
 Concen: 141.489 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	29.1	14.5	43.6

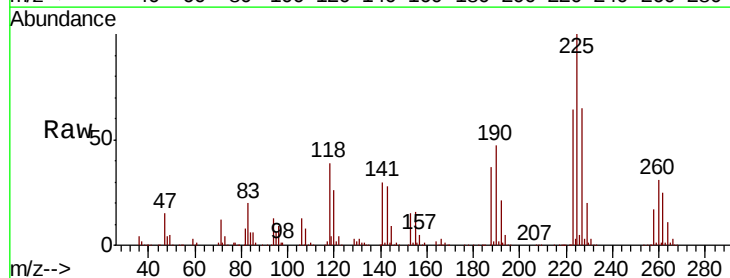


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

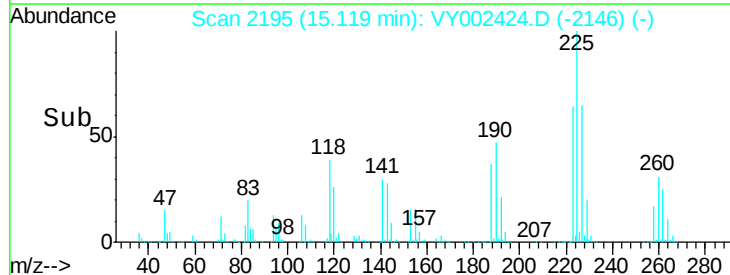
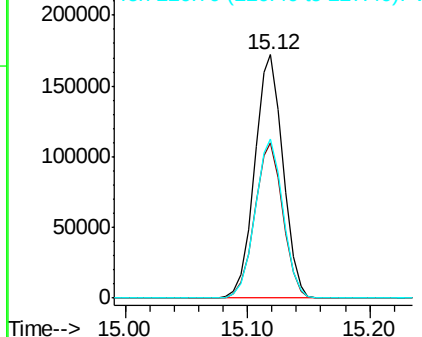


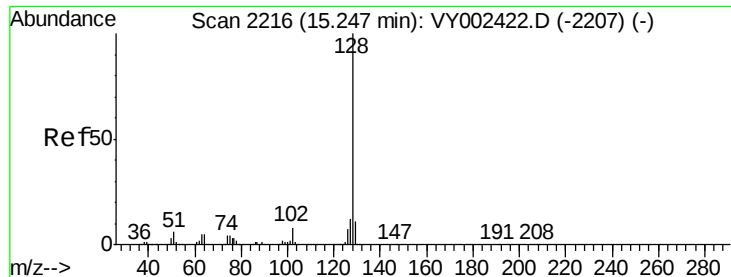
#94
 Hexachlorobutadiene
 Concen: 155.009 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002424.D
 Acq: 20 Apr 2020 14:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.0	96.0
227	64.4	31.6	95.0



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: 131.520 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

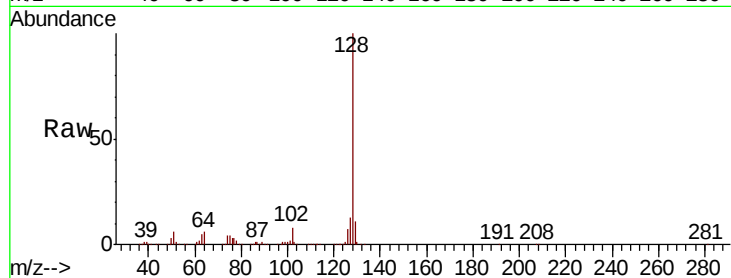
Tot Ion:128 Resp: 989248

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

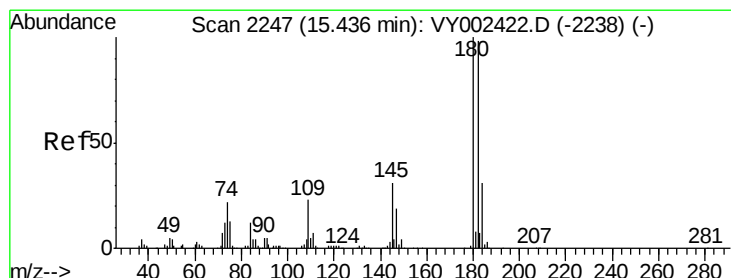
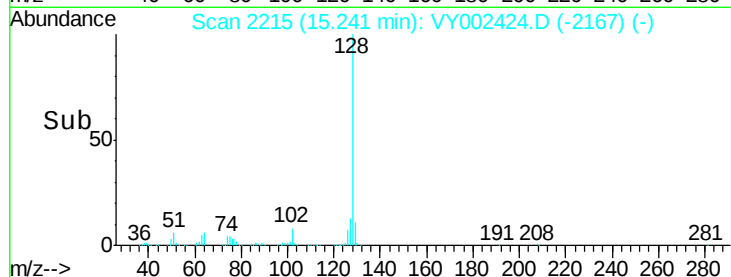
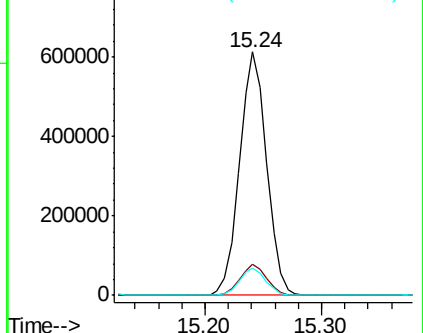
129 10.9 9.0 13.6



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: 141.482 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002424.D

Acq: 20 Apr 2020 14:59

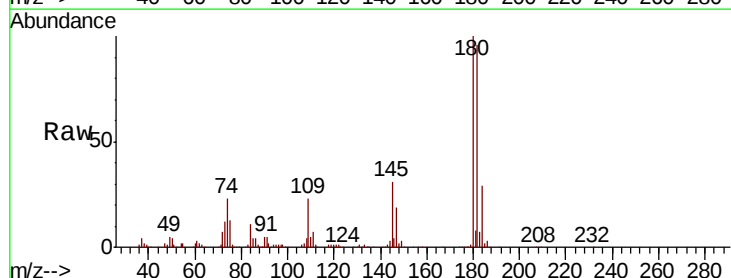
Tgt Ion:180 Resp: 431526

Ion Ratio Lower Upper

180 100

182 95.3 47.2 141.6

145 30.7 14.8 44.4



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

