

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002425.D
 Acq On : 20 Apr 2020 16:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 03:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	301198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	464849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	410994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	197230	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	116347	53.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.22%	
35) Dibromofluoromethane	7.73	113	133155	54.46	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	108.92%	
50) Toluene-d8	10.19	98	509216	51.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.49	95	172488	52.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	108769	52.857	ug/l	99
3) Chloromethane	2.12	50	121266	48.268	ug/l	100
4) Vinyl Chloride	2.26	62	136325	50.368	ug/l	96
5) Bromomethane	2.66	94	87536	49.873	ug/l	97
6) Chloroethane	2.80	64	78189	48.931	ug/l	99
7) Trichlorofluoromethane	3.14	101	214783	50.986	ug/l	99
8) Diethyl Ether	3.55	74	82195	49.438	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141244	51.258	ug/l	98
10) Methyl Iodide	4.11	142	199726	53.753	ug/l	99
11) Tert butyl alcohol	4.97	59	66442	253.781	ug/l	98
12) 1,1-Dichloroethene	3.89	96	142624	49.867	ug/l	90
13) Acrolein	3.74	56	72006	279.861	ug/l	100
14) Allyl chloride	4.50	41	186506	53.022	ug/l	98
15) Acrylonitrile	5.19	53	188914	253.520	ug/l	99
16) Acetone	3.96	43	187852	320.889	ug/l	96
17) Carbon Disulfide	4.21	76	448161	51.427	ug/l	99
18) Methyl Acetate	4.50	43	83699	50.021	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	339137	50.489	ug/l	100
20) Methylene Chloride	4.73	84	154314	47.107	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	155265	50.164	ug/l	97
22) Diisopropyl ether	6.14	45	365101	51.769	ug/l	98
23) Vinyl Acetate	6.08	43	1178590	265.315	ug/l	97
24) 1,1-Dichloroethane	6.04	63	227530	50.874	ug/l	99
25) 2-Butanone	7.00	43	235517	282.237	ug/l	95
26) 2,2-Dichloropropane	7.00	77	203635	52.012	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	164762	49.085	ug/l	96
28) Bromochloromethane	7.35	49	82841	48.610	ug/l	94
29) Tetrahydrofuran	7.36	42	140144	261.855	ug/l	95
30) Chloroform	7.52	83	230176	49.869	ug/l	97
31) Cyclohexane	7.80	56	225254	49.690	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	209021	51.275	ug/l	99
36) 1,1-Dichloropropene	7.93	75	191695	51.250	ug/l	99
37) Ethyl Acetate	7.09	43	92758	53.032	ug/l	99
38) Carbon Tetrachloride	7.91	117	192223	51.021	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	263542	51.033	ug/l	97
40) Benzene	8.18	78	577626	50.177	ug/l	100
41) Methacrylonitrile	7.36	41	125480	134.705	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	137934	50.855	ug/l	98
43) Isopropyl Acetate	8.28	43	174056	53.069	ug/l	98
44) Trichloroethene	8.95	130	189422	49.216	ug/l	98
45) 1,2-Dichloropropane	9.23	63	132582	50.420	ug/l	97
46) Dibromomethane	9.32	93	76535	49.870	ug/l	98
47) Bromodichloromethane	9.50	83	179681	51.605	ug/l	96
48) Methyl methacrylate	9.30	41	80614	55.045	ug/l	95
49) 1,4-Dioxane	9.31	88	21097	932.443	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	461369	270.833	ug/l	97
52) Toluene	10.25	92	359826	49.388	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	191746	51.490	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	227916	51.458	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	114096	49.567	ug/l	97
56) Ethyl methacrylate	10.52	69	155095	52.311	ug/l	99
57) 1,3-Dichloropropane	10.80	76	188094	49.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	363496	247.497	ug/l	98
59) 2-Hexanone	10.84	43	336606	278.408	ug/l	96
60) Dibromochloromethane	10.99	129	138619	49.998	ug/l	99
61) 1,2-Dibromoethane	11.10	107	113324	50.460	ug/l	98
64) Tetrachloroethene	10.73	164	213488	48.689	ug/l	99
65) Chlorobenzene	11.52	112	393699	49.934	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	140706	50.585	ug/l	98
67) Ethyl Benzene	11.60	91	679859	49.856	ug/l	99
68) m/p-Xylenes	11.71	106	528749	100.334	ug/l	98
69) o-Xylene	12.03	106	250981	50.551	ug/l	99
70) Styrene	12.05	104	423576	49.836	ug/l	98
71) Bromoform	12.22	173	87746	51.551	ug/l	99
73) Isopropylbenzene	12.34	105	666203	51.468	ug/l	100
74) N-amyl acetate	12.15	43	158329	55.959	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	87340	54.808	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	166441	95.790	ug/l #	100
77) Bromobenzene	12.61	156	162879	49.948	ug/l	95
78) n-propylbenzene	12.68	91	784317	51.297	ug/l	99
79) 2-Chlorotoluene	12.77	91	430517	51.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	553128	51.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47246	52.993	ug/l	97
82) 4-Chlorotoluene	12.86	91	454457	51.795	ug/l #	100
83) tert-Butylbenzene	13.08	119	475761	51.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	550642	51.501	ug/l	98
85) sec-Butylbenzene	13.26	105	677271	51.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	609793	50.997	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	305225	50.319	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	303941	49.505	ug/l	99
89) n-Butylbenzene	13.70	91	580187	52.043	ug/l	99
90) Hexachloroethane	13.97	117	115659	51.591	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	274474	49.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18548	50.990	ug/l	95

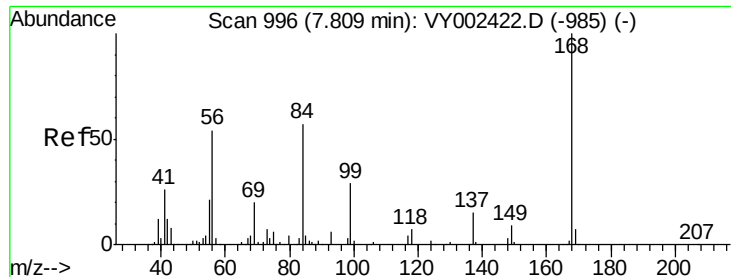
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	195981	49.273	ug/l	100
94) Hexachlorobutadiene	15.12	225	107387	49.234	ug/l	99
95) Naphthalene	15.25	128	389880	50.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	167670	48.562	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: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

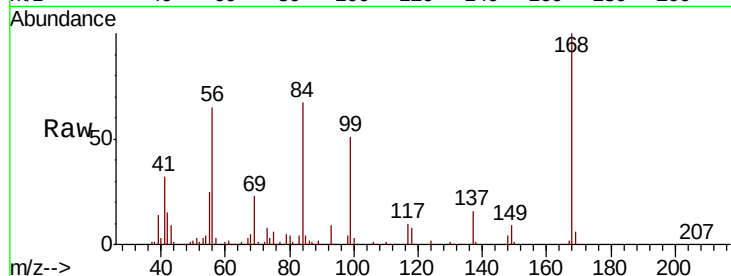
ClientSampleId :

Tot Ion:168 Resp: 301198

Ion Ratio Lower Upper

168 100

99 51.3 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) (-)

7.80

150000

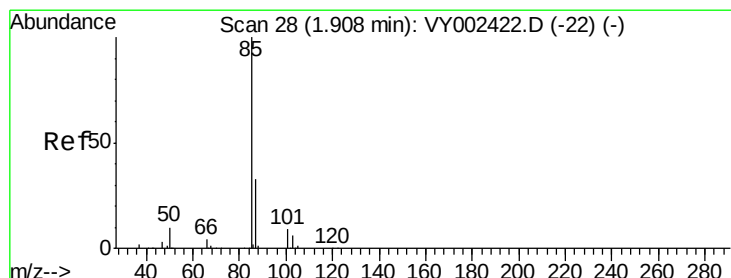
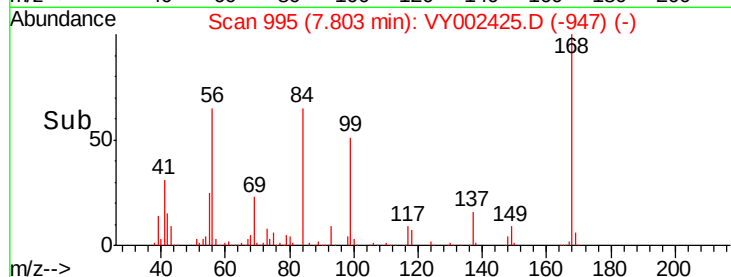
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.857 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002425.D

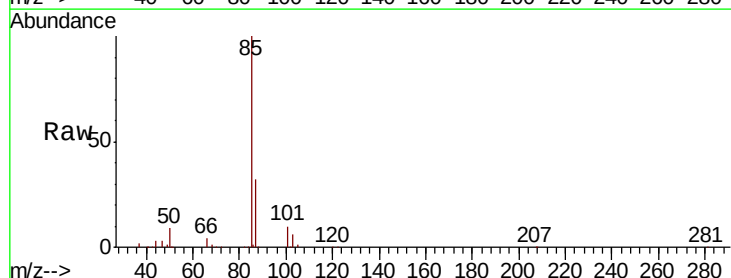
Acq: 20 Apr 2020 16:14

Tgt Ion: 85 Resp: 108769

Ion Ratio Lower Upper

85 100

87 32.0 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) (-)

1.91

80000

60000

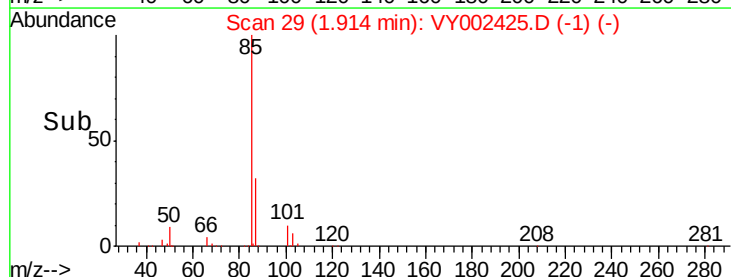
40000

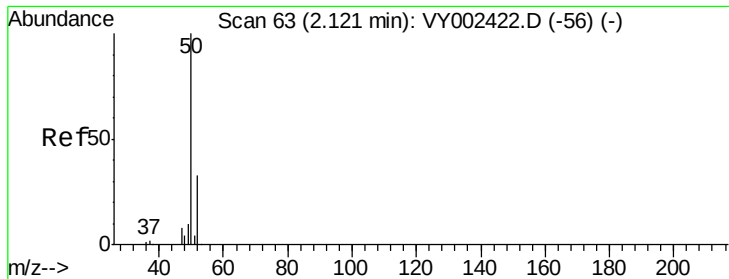
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.268 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

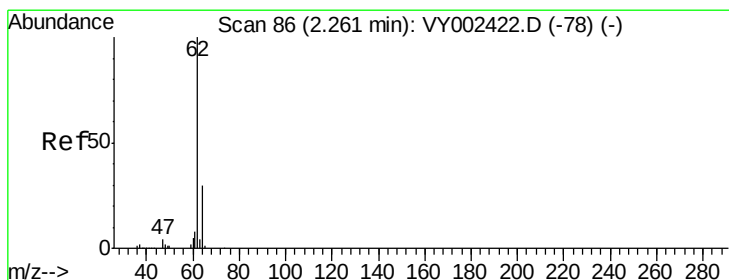
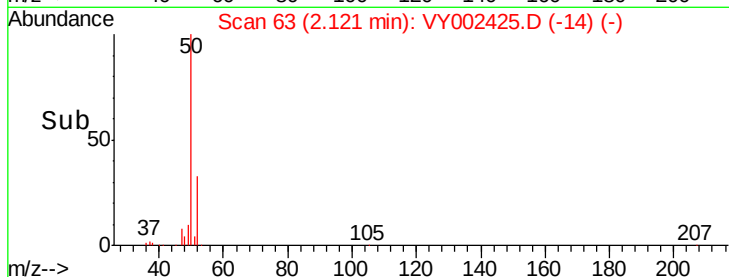
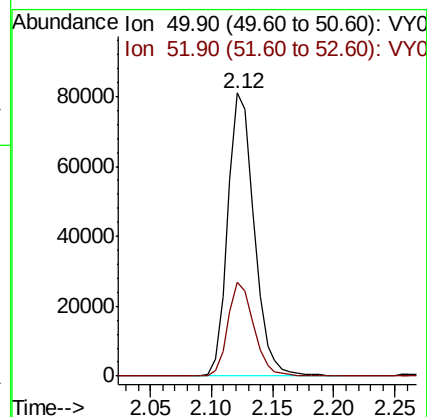
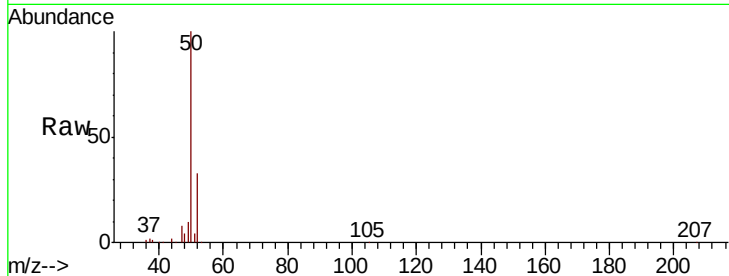
ClientSampleId :

Tot Ion: 50 Resp: 121266

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 50.368 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002425.D

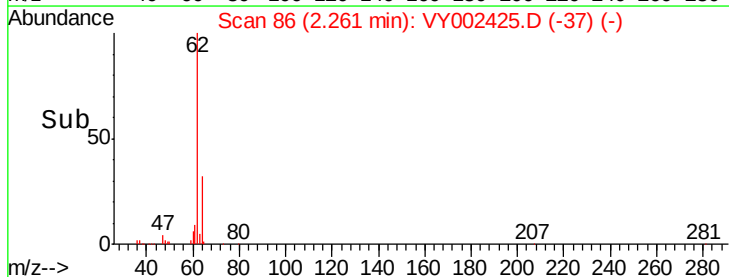
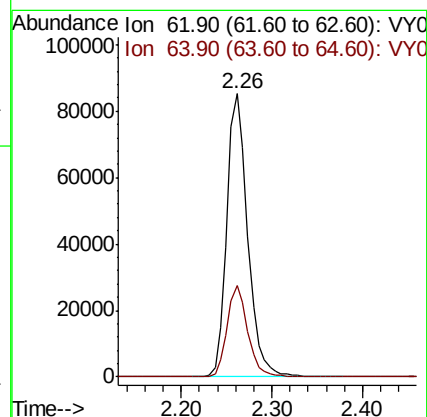
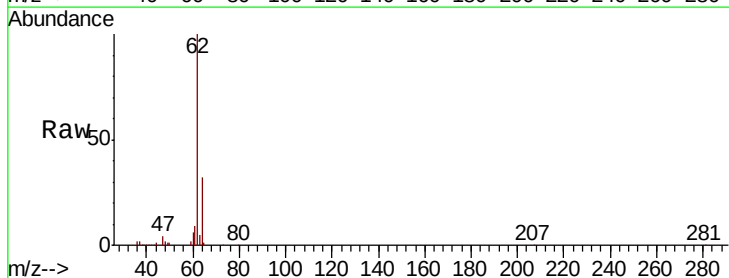
Acq: 20 Apr 2020 16:14

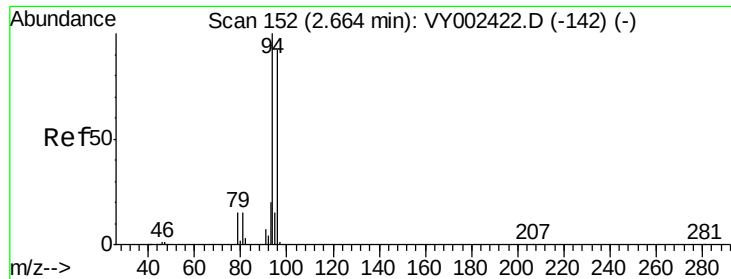
Tgt Ion: 62 Resp: 136325

Ion Ratio Lower Upper

62 100

64 32.2 24.1 36.1





#5

Bromomethane

Concen: 49.873 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

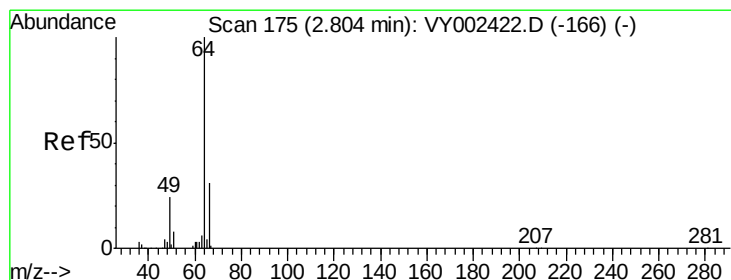
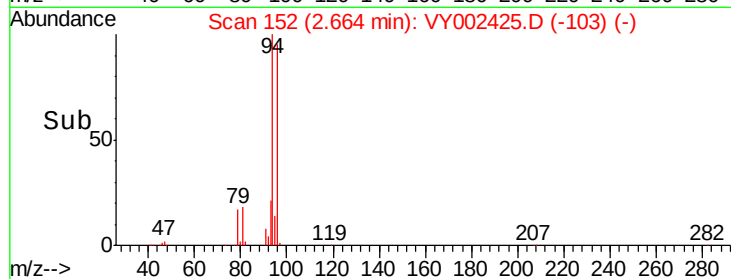
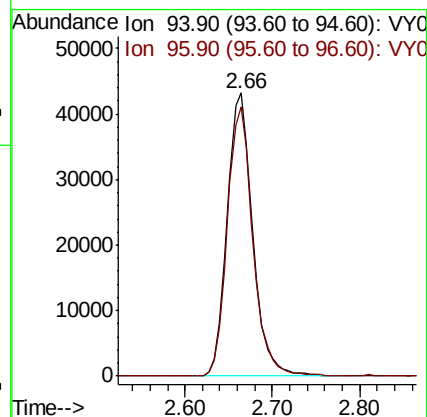
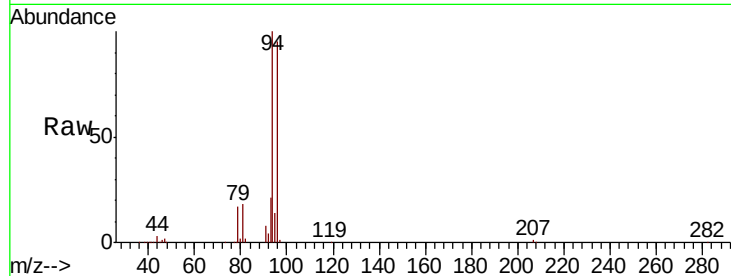
ClientSampleId :

Tot Ion: 94 Resp: 87536

Ion Ratio Lower Upper

94 100

96 95.0 73.5 110.3



#6

Chloroethane

Concen: 48.931 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002425.D

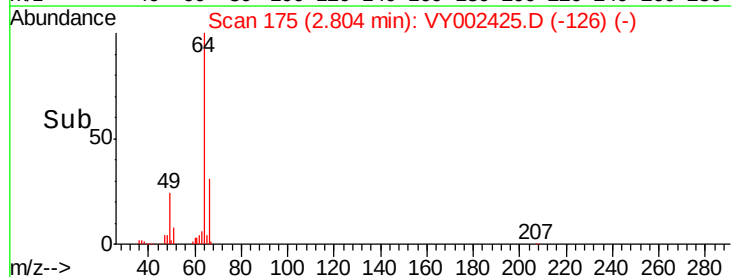
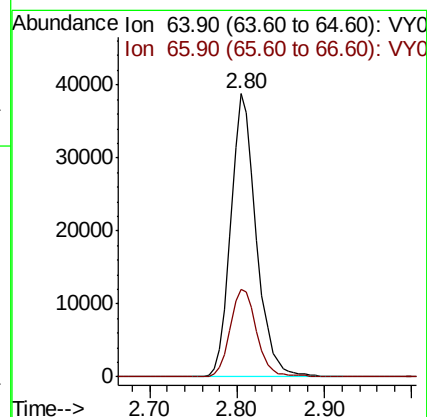
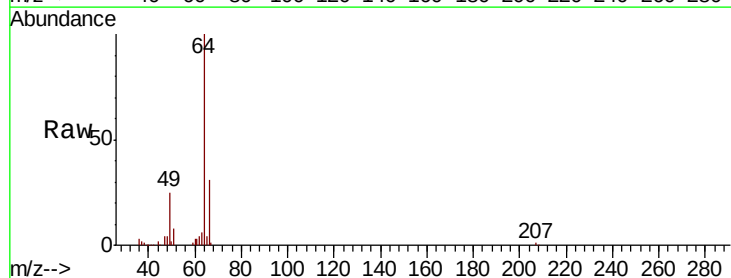
Acq: 20 Apr 2020 16:14

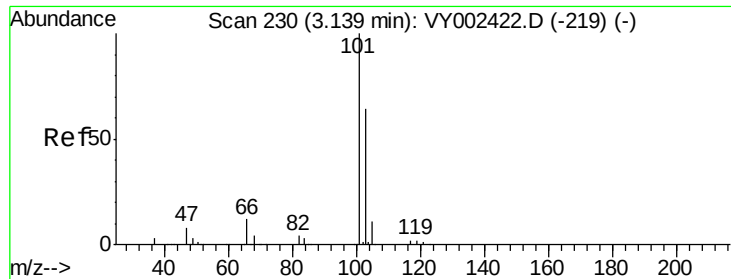
Tgt Ion: 64 Resp: 78189

Ion Ratio Lower Upper

64 100

66 31.0 25.0 37.6



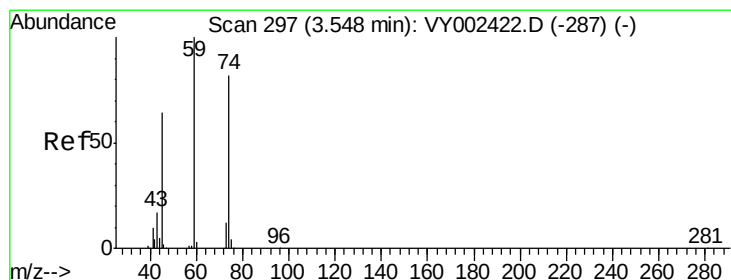
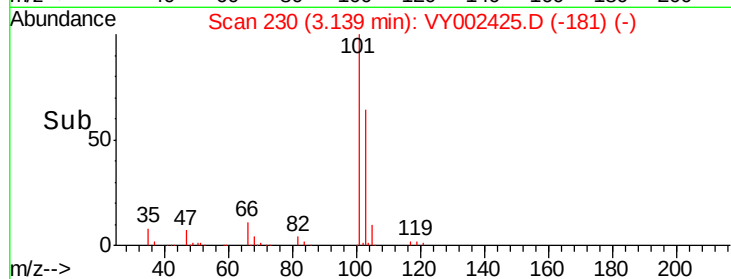
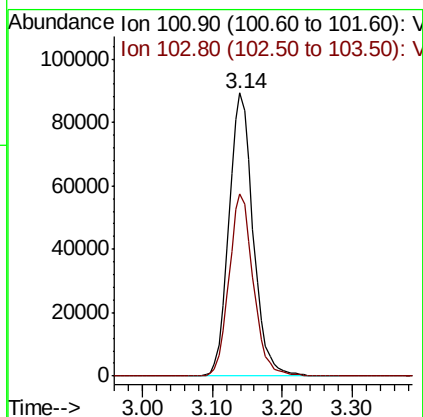
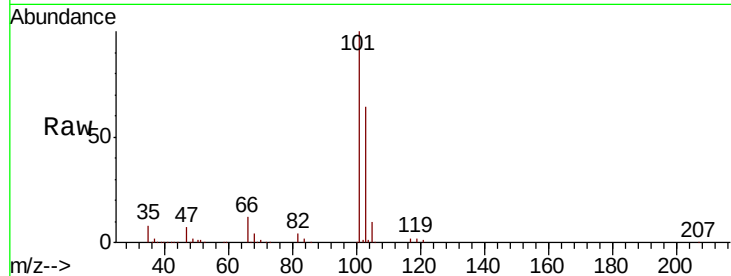


#7

Trichlorofluoromethane
 Concen: 50.986 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

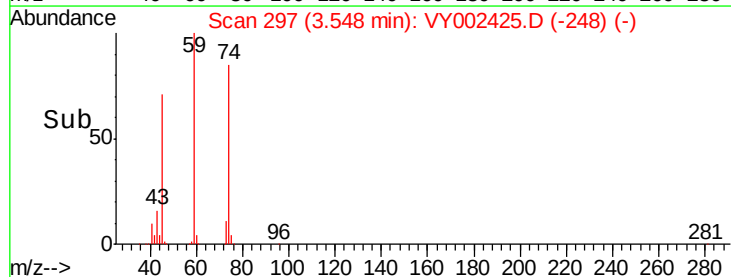
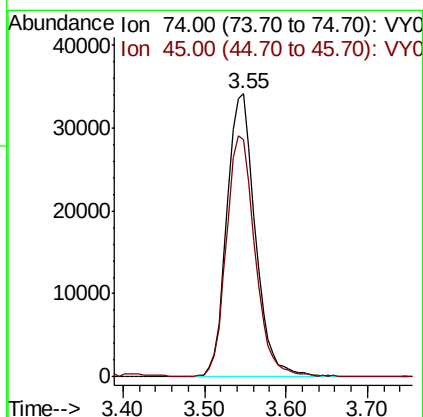
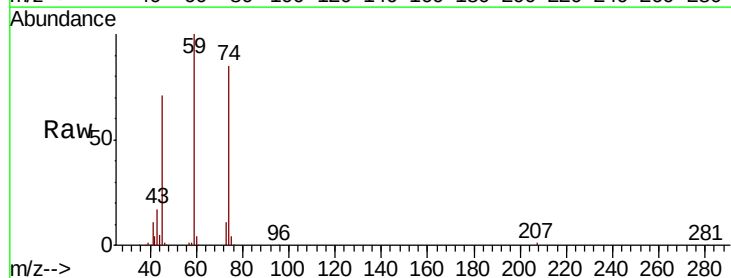
Tot Ion:101 Resp: 214783
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.8 76.2

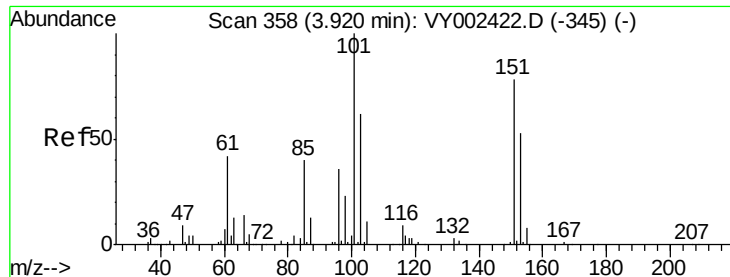


#8

Diethyl Ether
 Concen: 49.438 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 74 Resp: 82195
 Ion Ratio Lower Upper
 74 100
 45 85.2 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.258 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampled :

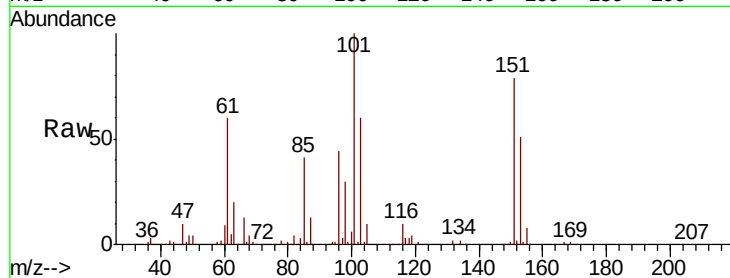
Tot Ion:101 Resp: 141244

Ion Ratio Lower Upper

101 100

85 40.2 32.2 48.4

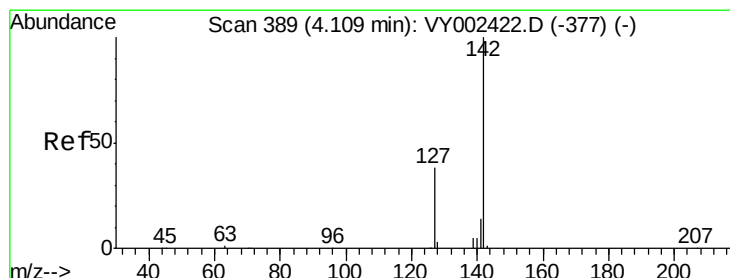
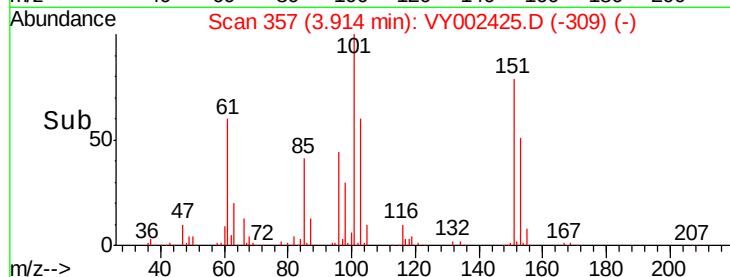
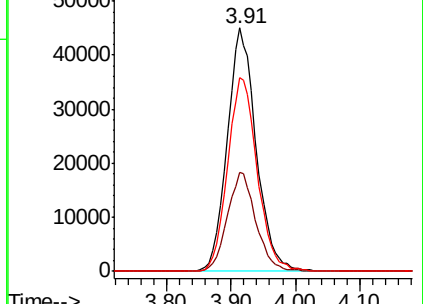
151 81.5 67.3 100.9



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: 53.753 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

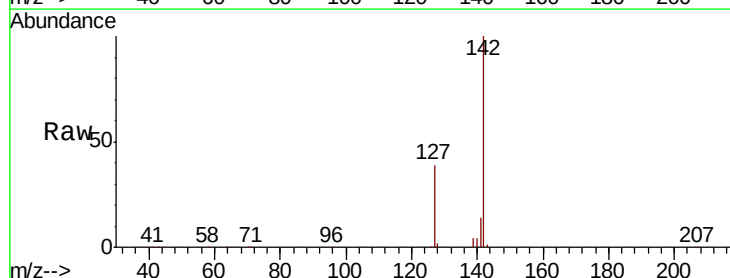
Tgt Ion:142 Resp: 199726

Ion Ratio Lower Upper

142 100

127 37.7 30.7 46.1

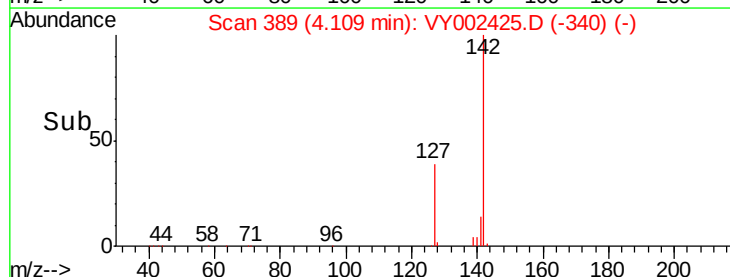
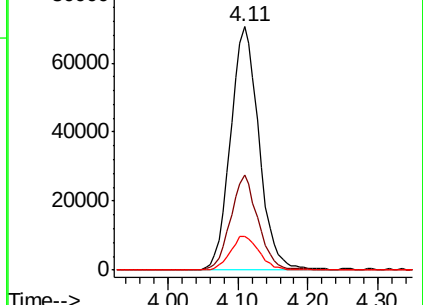
141 14.1 11.4 17.2

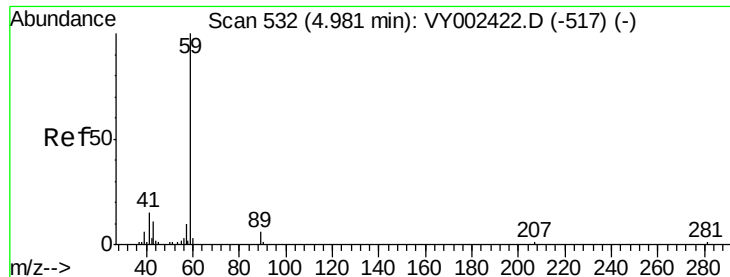


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



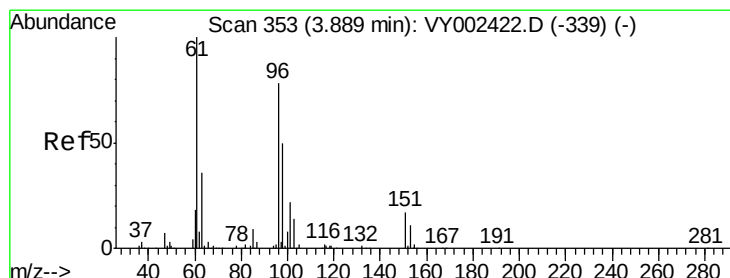
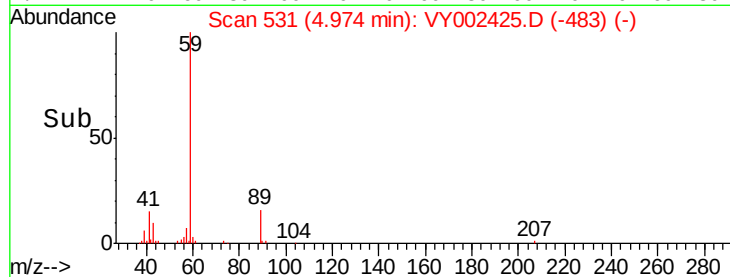
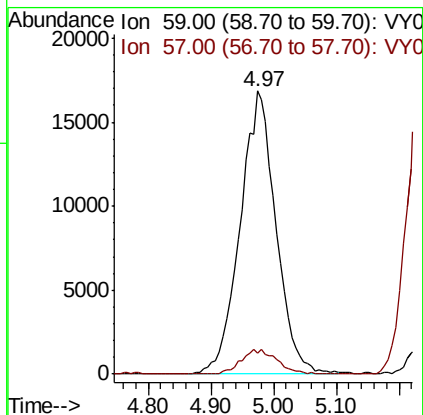
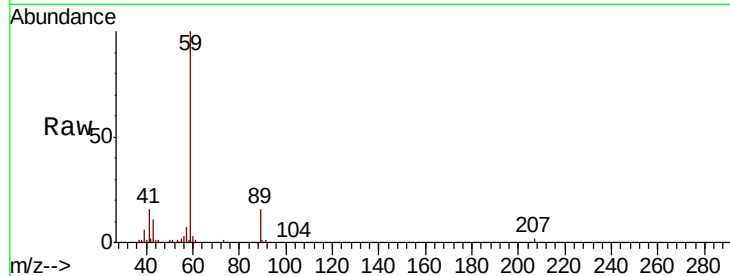


#11

Tert butyl alcohol
 Concen: 253.781 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

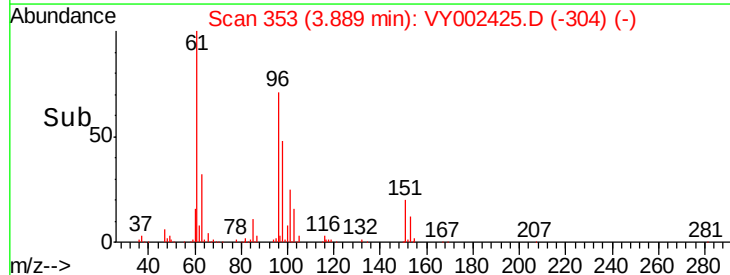
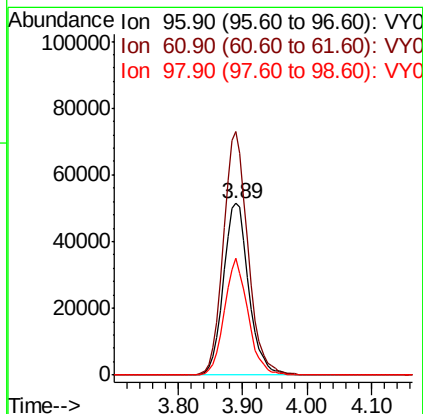
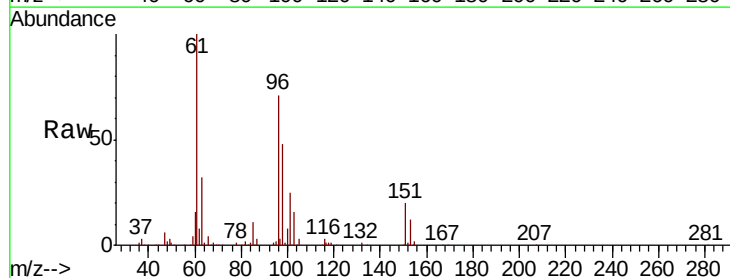
Tot Ion: 59 Resp: 66442
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.4 11.2

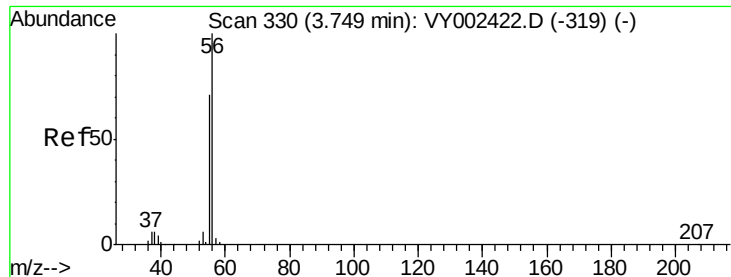


#12

1,1-Dichloroethene
 Concen: 49.867 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 96 Resp: 142624
 Ion Ratio Lower Upper
 96 100
 61 141.7 102.1 153.1
 98 68.1 51.3 76.9





#13

Acrolein

Concen: 279.861 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

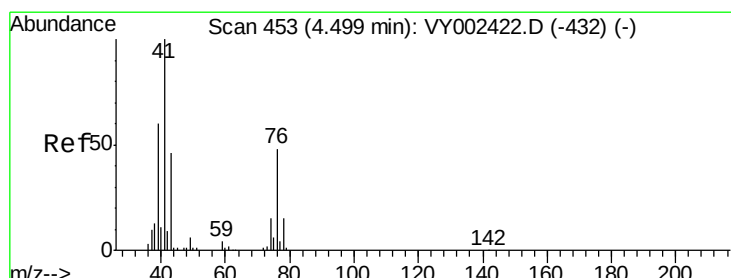
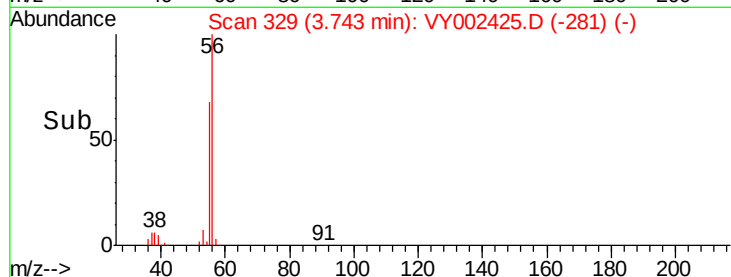
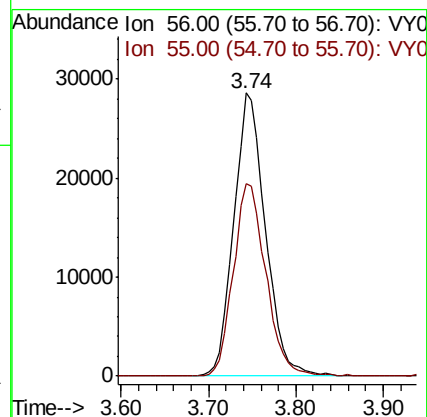
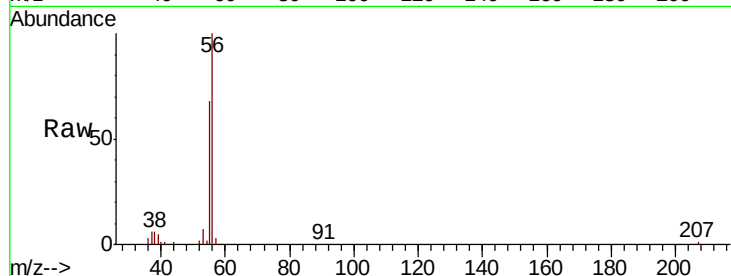
ClientSampleId :

Tot Ion: 56 Resp: 72006

Ion Ratio Lower Upper

56 100

55 70.0 55.9 83.9



#14

Allyl chloride

Concen: 53.022 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

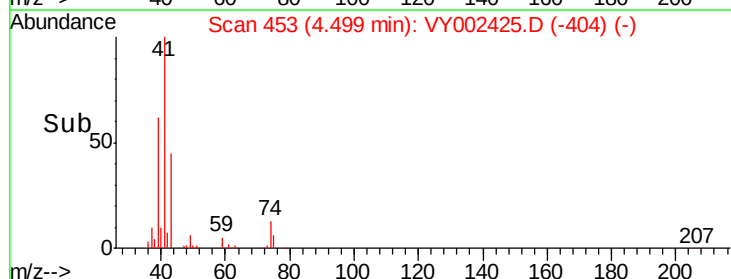
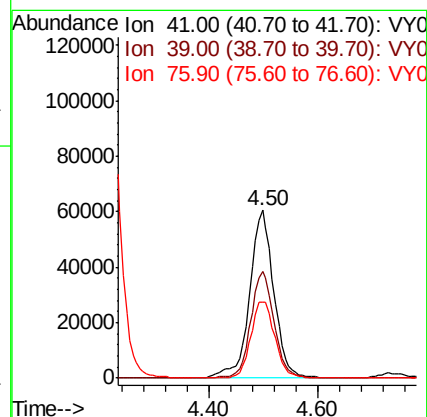
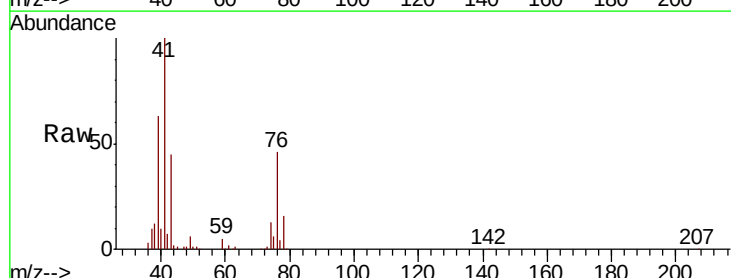
Tgt Ion: 41 Resp: 186506

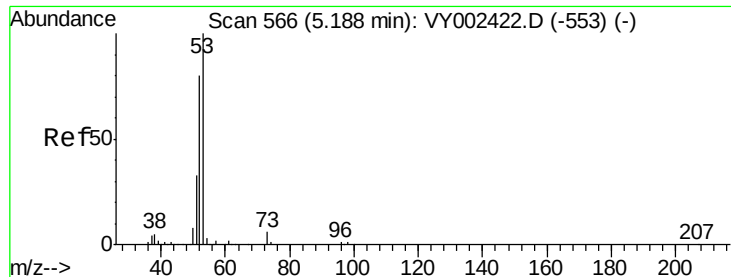
Ion Ratio Lower Upper

41 100

39 61.4 49.1 73.7

76 45.3 38.6 57.8





#15

Acrylonitrile

Concen: 253.520 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

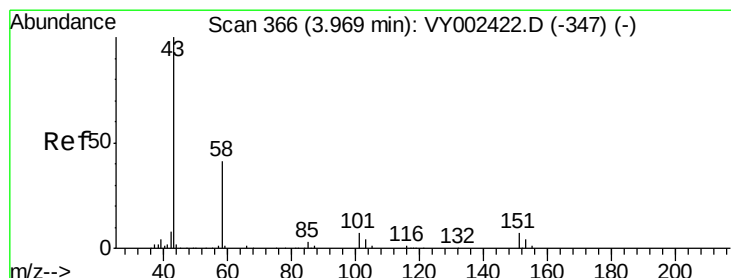
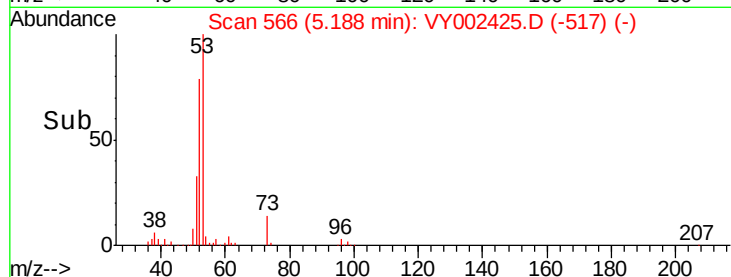
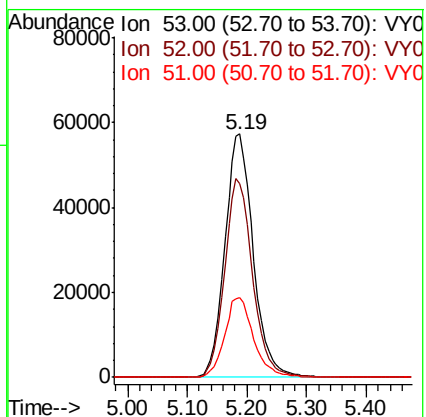
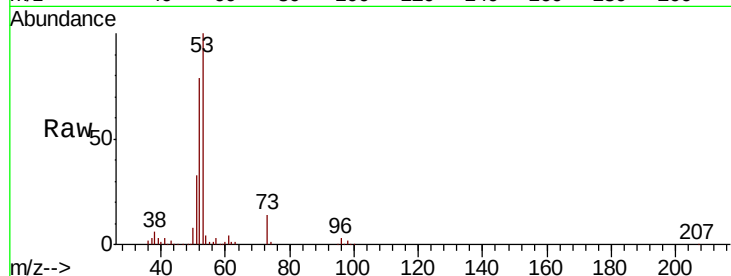
Tot Ion: 53 Resp: 188914

Ion Ratio Lower Upper

53 100

52 80.3 65.1 97.7

51 33.7 26.8 40.2



#16

Acetone

Concen: 320.889 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002425.D

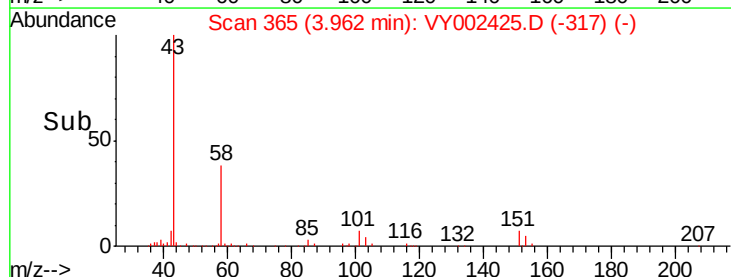
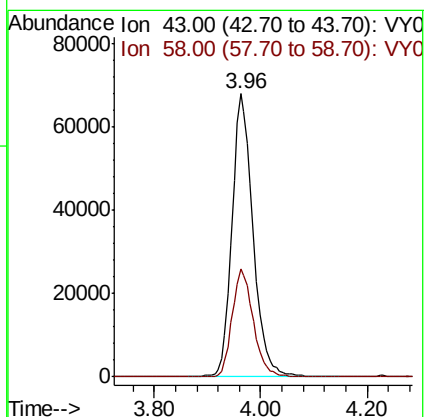
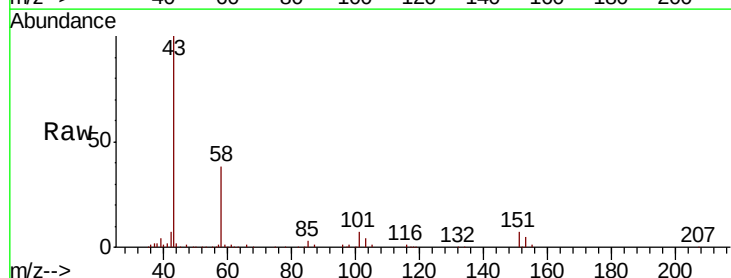
Acq: 20 Apr 2020 16:14

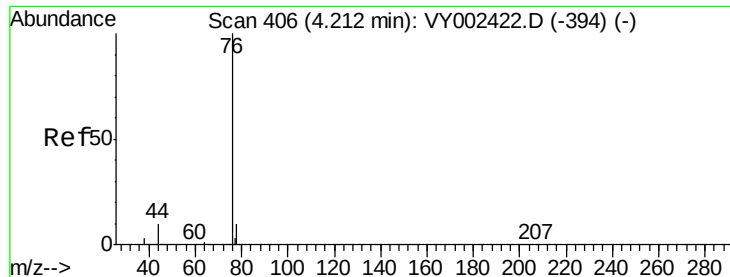
Tgt Ion: 43 Resp: 187852

Ion Ratio Lower Upper

43 100

58 38.1 32.6 48.8

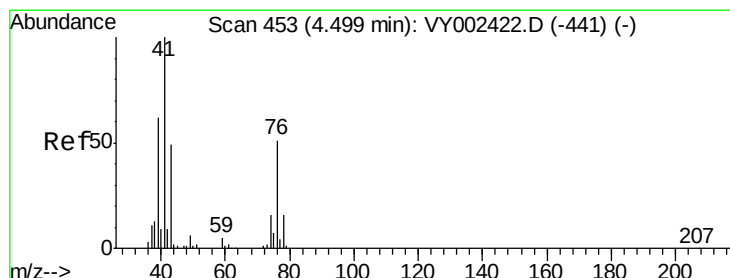
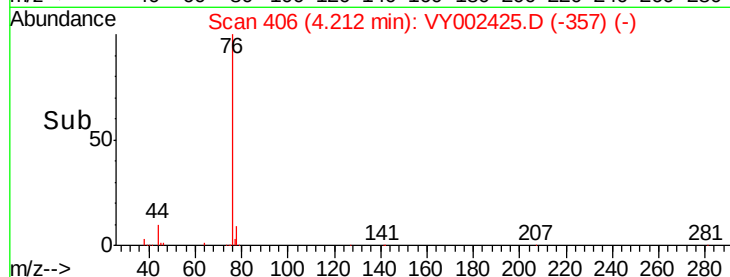
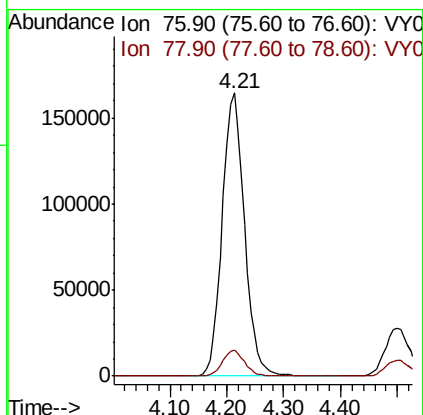
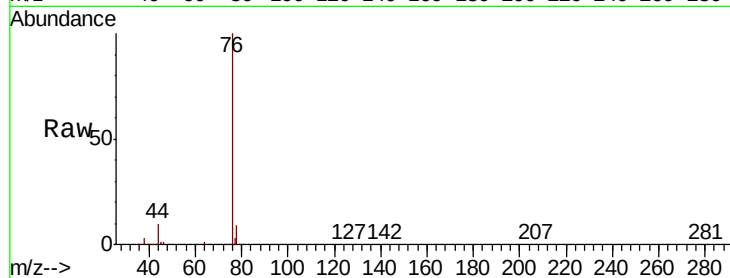




#17
Carbon Disulfide
Concen: 51.427 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

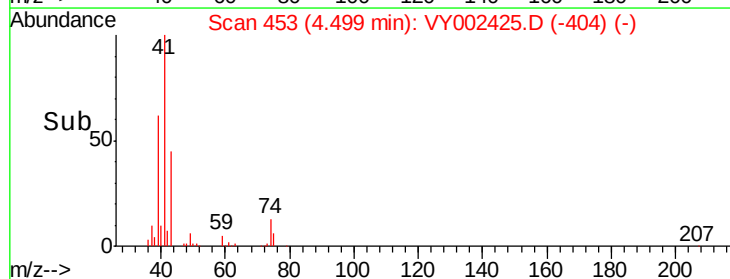
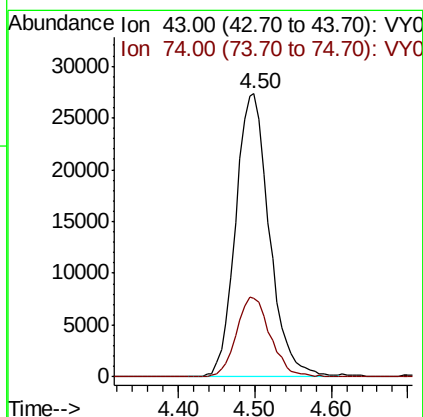
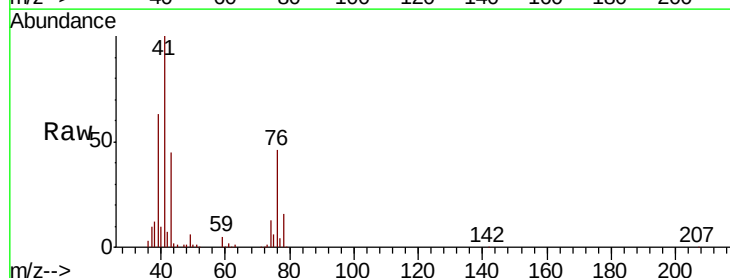
Instrument :
MSVOA_Y
ClientSampleId :

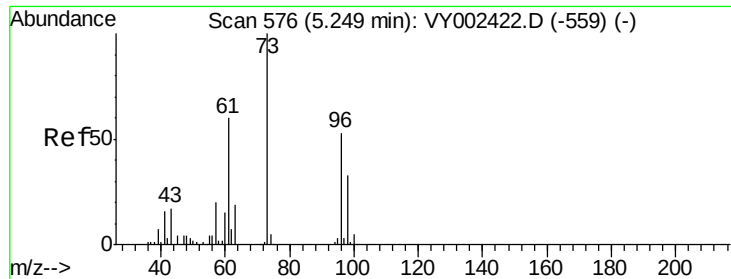
Tot Ion: 76 Resp: 448161
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#18
Methyl Acetate
Concen: 50.021 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 43 Resp: 83699
Ion Ratio Lower Upper
43 100
74 28.4 24.8 37.2

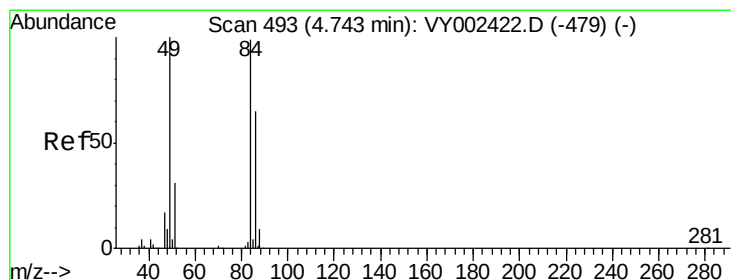
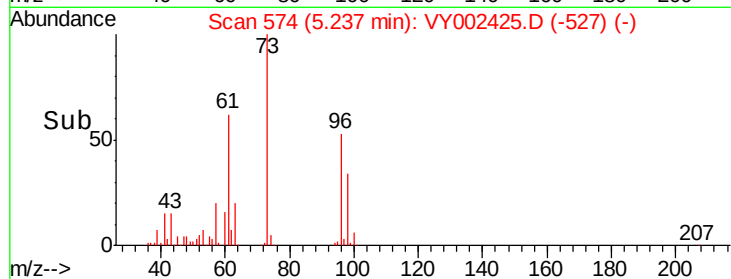
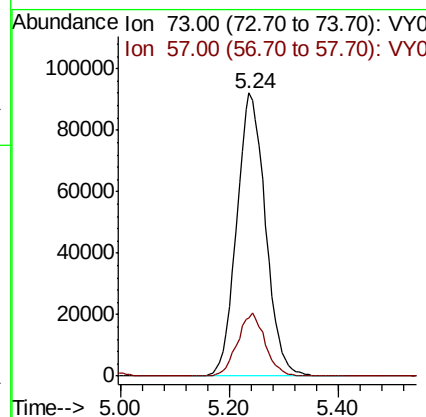
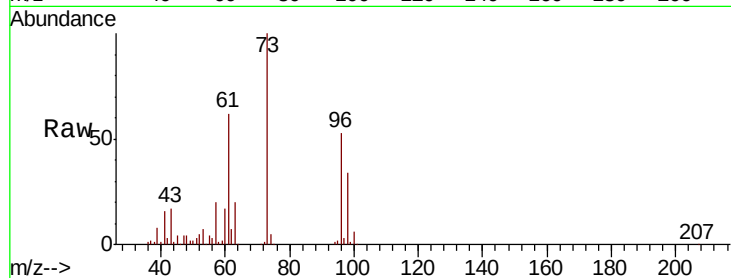




#19
Methyl tert-butyl Ether
Concen: 50.489 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

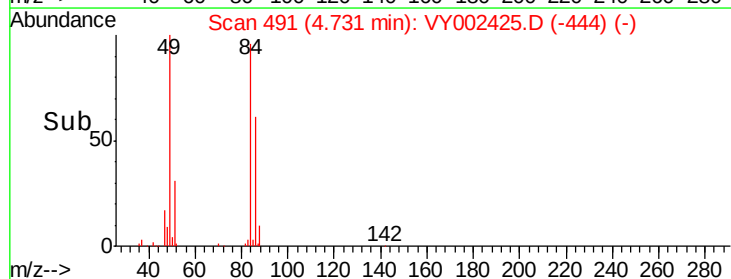
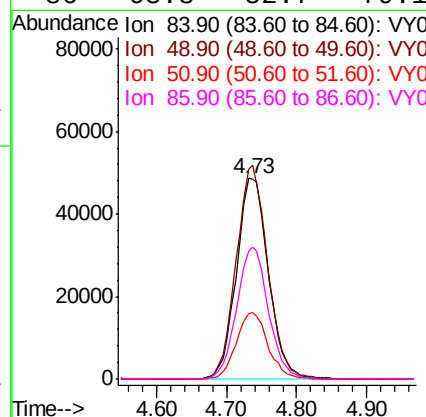
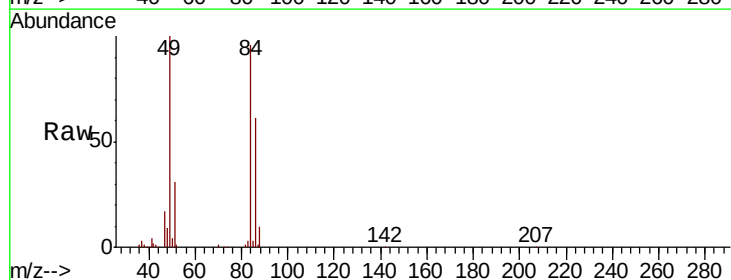
Instrument :
MSVOA_Y
ClientSampled :

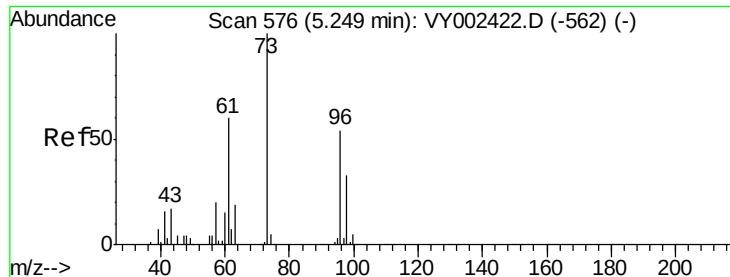
Tot Ion: 73 Resp: 339137
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5



#20
Methylene Chloride
Concen: 47.107 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 84 Resp: 154314
Ion Ratio Lower Upper
84 100
49 104.5 81.0 121.6
51 32.5 24.9 37.3
86 63.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 50.164 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

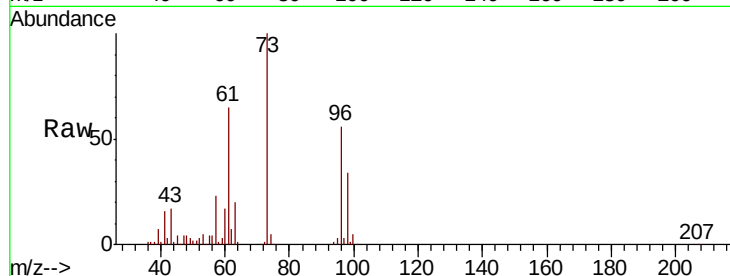
Tot Ion: 96 Resp: 155265

Ion Ratio Lower Upper

96 100

61 115.1 89.7 134.5

98 60.0 49.7 74.5

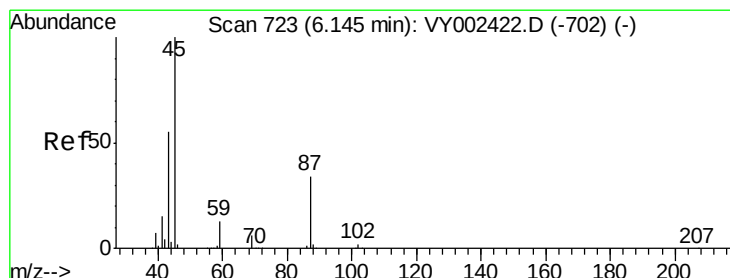
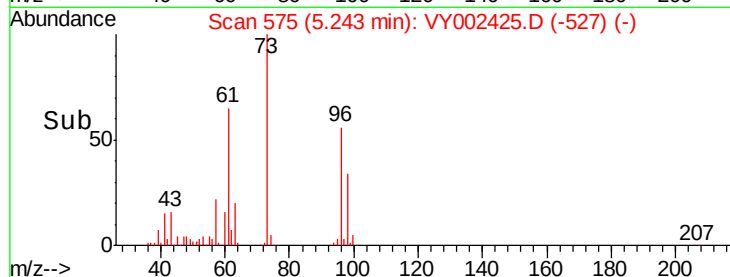
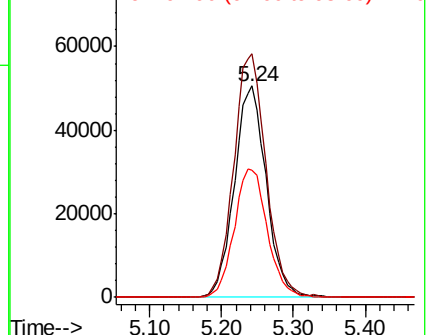


Abundance

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: 51.769 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Tgt Ion: 45 Resp: 365101

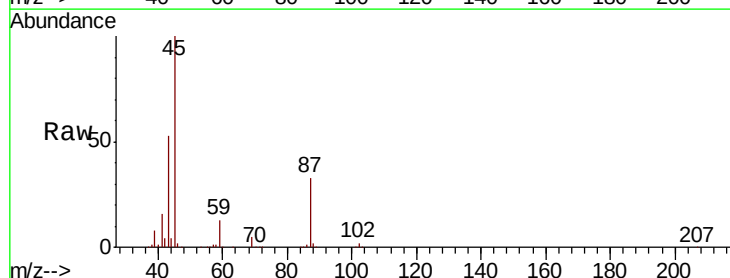
Ion Ratio Lower Upper

45 100

43 52.6 43.8 65.6

87 33.5 27.4 41.2

59 13.3 10.8 16.2



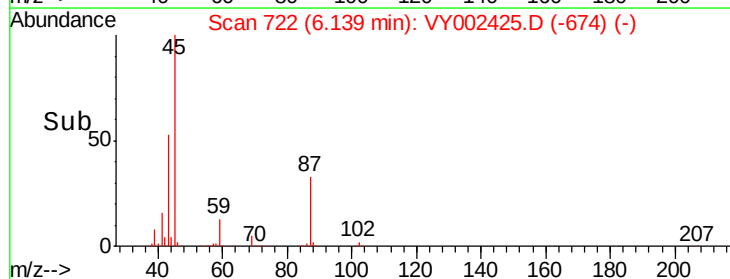
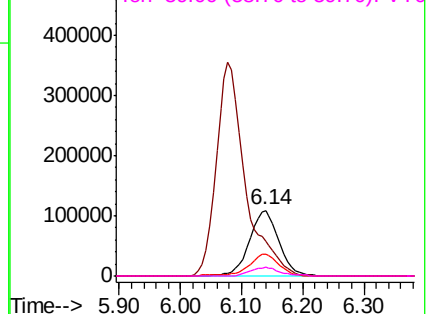
Abundance

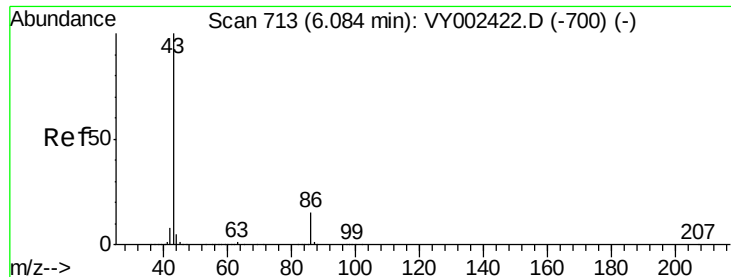
Ion 45.00 (44.70 to 45.70): VY0

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: 265.315 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

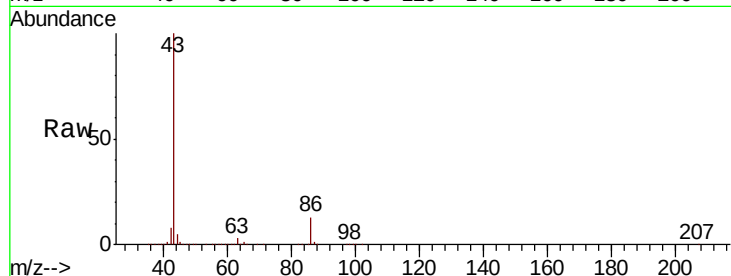
ClientSampleId :

Tot Ion: 43 Resp: 1178590

Ion Ratio Lower Upper

43 100

86 13.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

400000

300000

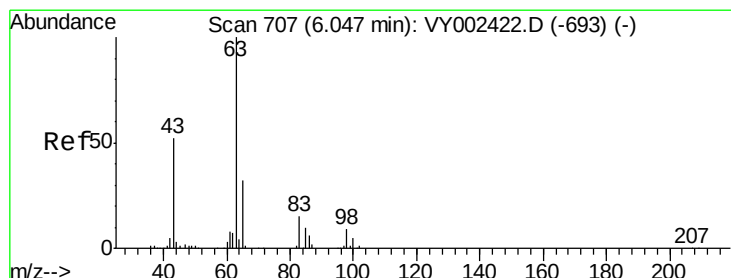
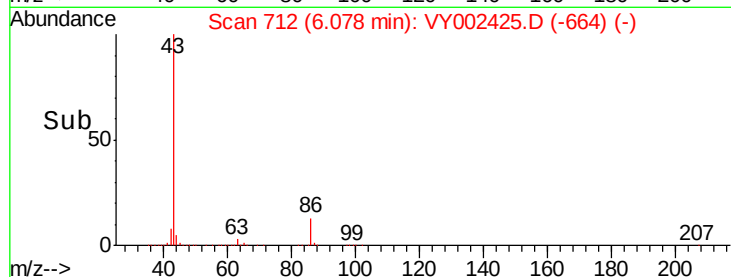
200000

100000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 50.874 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

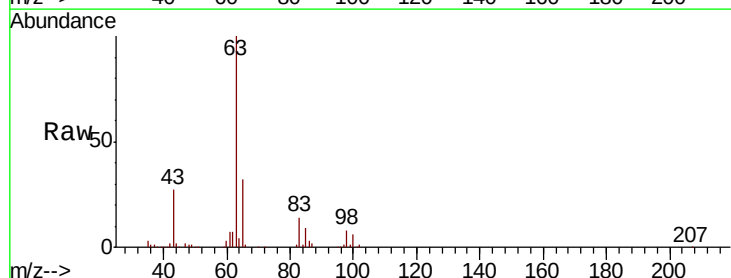
Tgt Ion: 63 Resp: 227530

Ion Ratio Lower Upper

63 100

98 8.4 4.5 13.4

100 5.6 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

6.04

100000

80000

60000

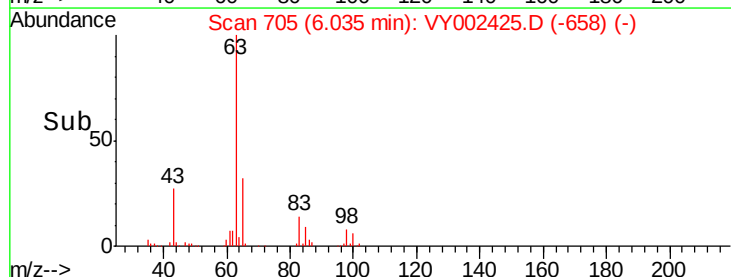
40000

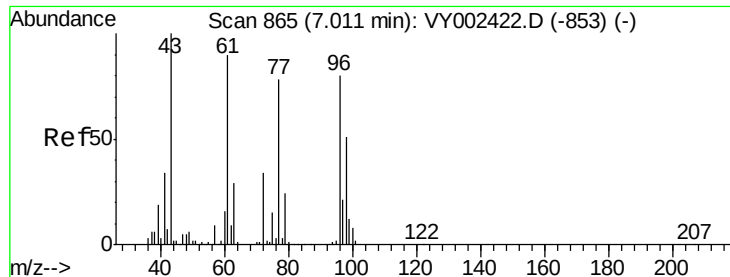
20000

0

Time-->

5.90 6.00 6.10 6.20

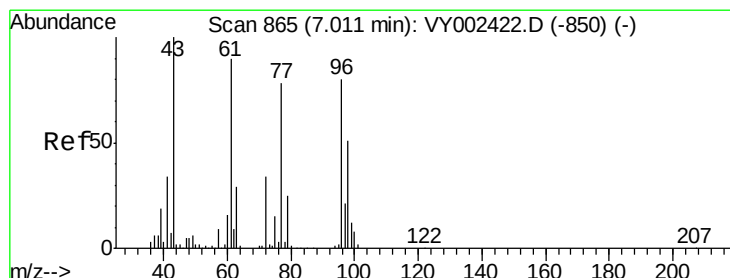
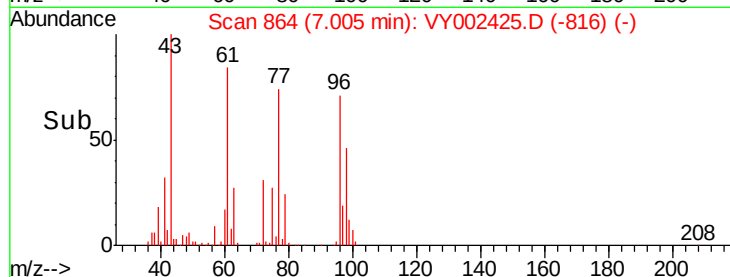
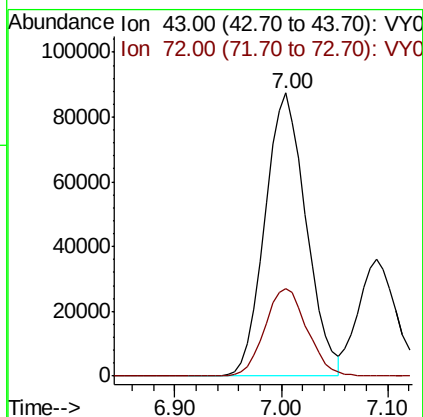
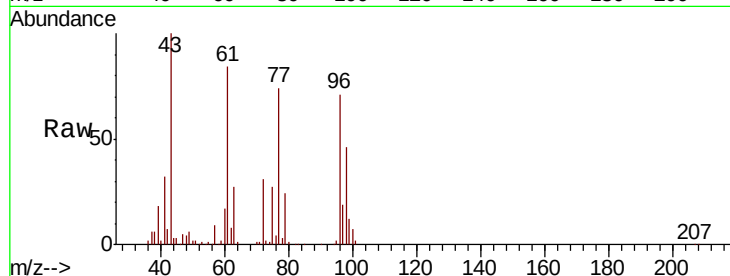




#25
2-Butanone
Concen: 282.237 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

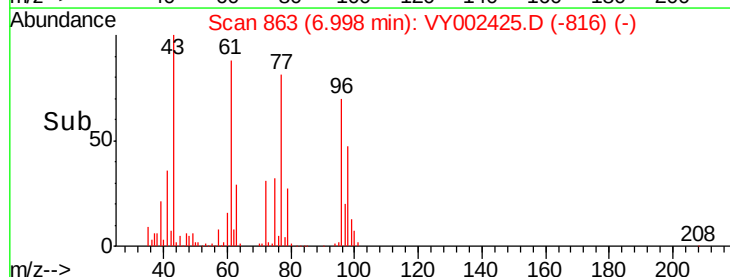
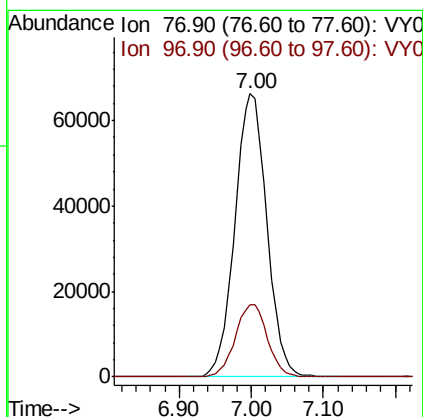
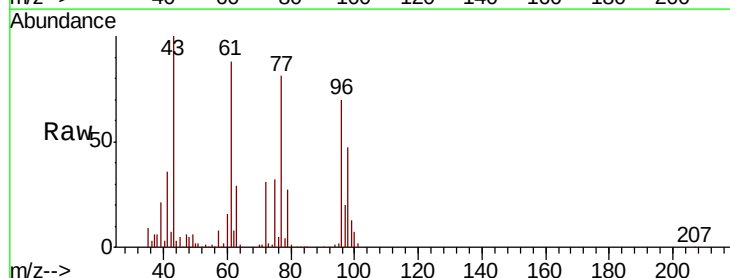
Instrument :
MSVOA_Y
ClientSampled :

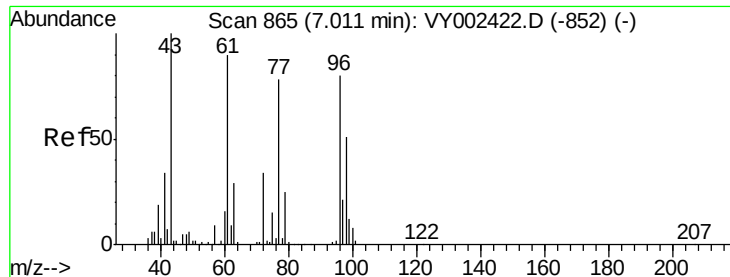
Tot Ion: 43 Resp: 235517
Ion Ratio Lower Upper
43 100
72 31.1 27.0 40.6



#26
2,2-Dichloropropane
Concen: 52.012 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 77 Resp: 203635
Ion Ratio Lower Upper
77 100
97 25.6 13.5 40.5



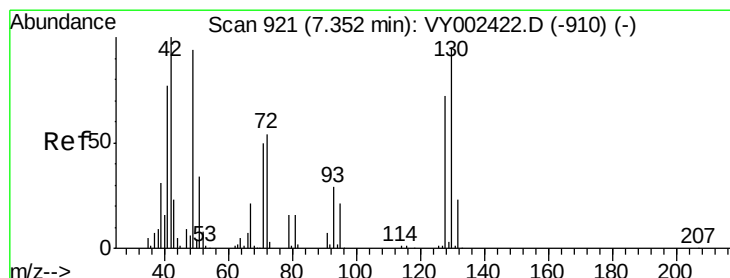
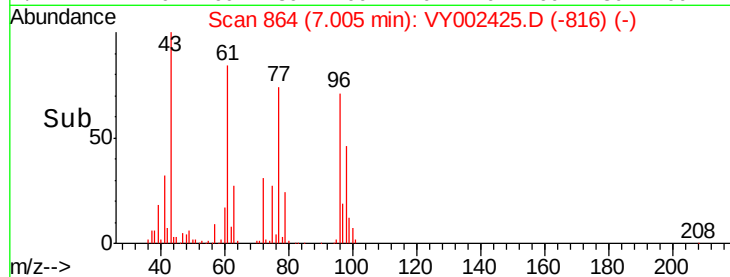
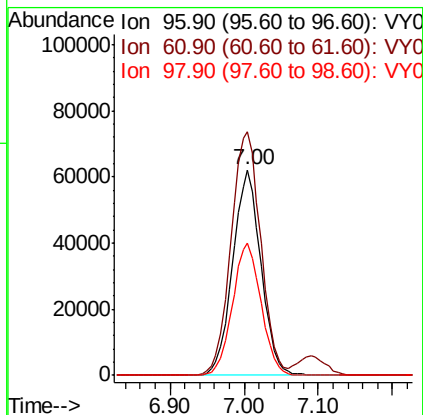
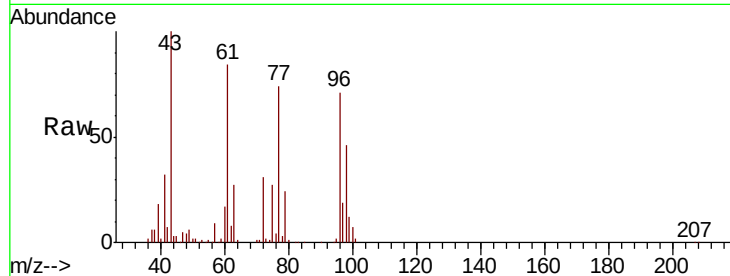


#27

cis-1,2-Dichloroethene
 Concen: 49.085 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

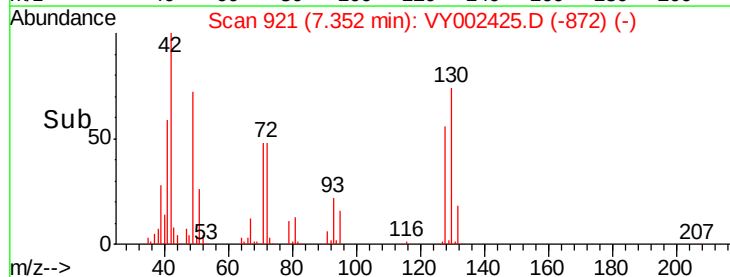
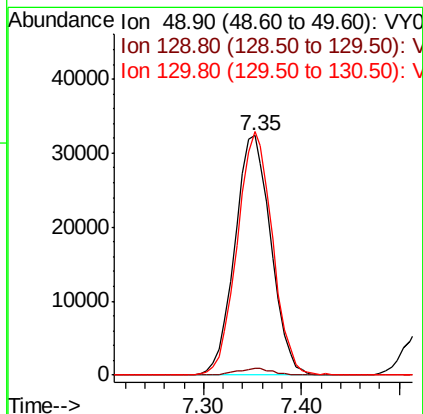
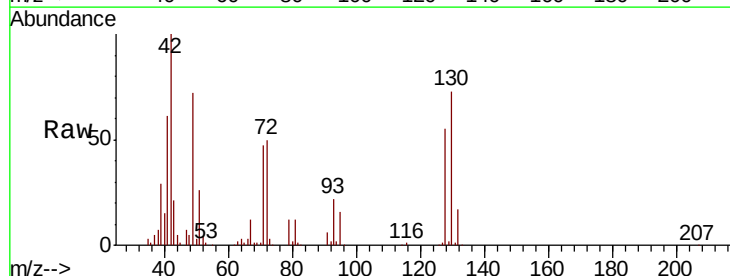
Tot Ion: 96 Resp: 164762
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 236.2
 98 65.1 0.0 130.2

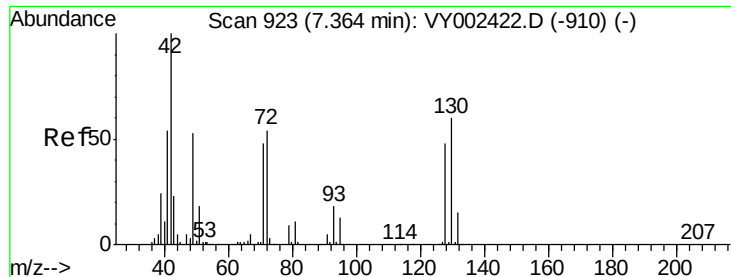


#28

Bromochloromethane
 Concen: 48.610 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 49 Resp: 82841
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 99.3 84.1 126.1

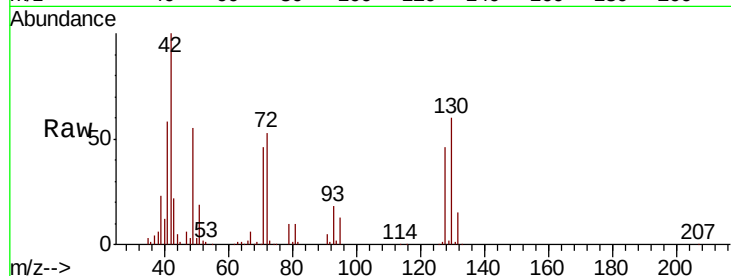




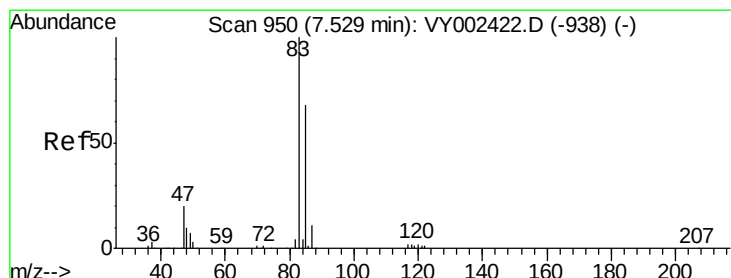
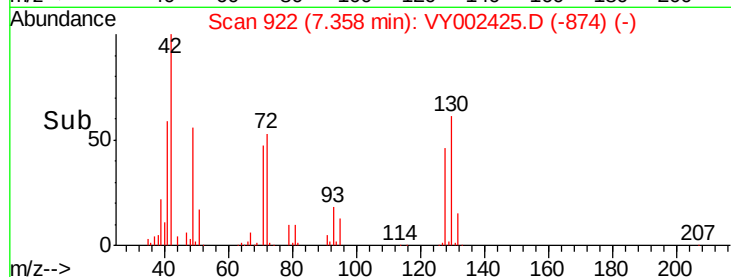
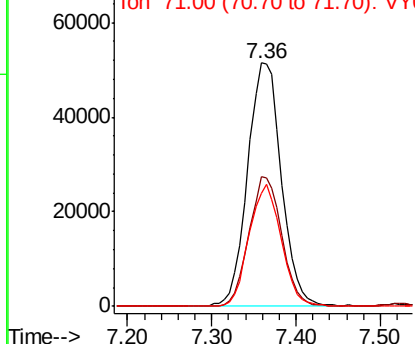
#29
Tetrahydrofuran
Concen: 261.855 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 140144
Ion Ratio Lower Upper
42 100
72 51.7 44.6 67.0
71 47.9 40.6 60.8

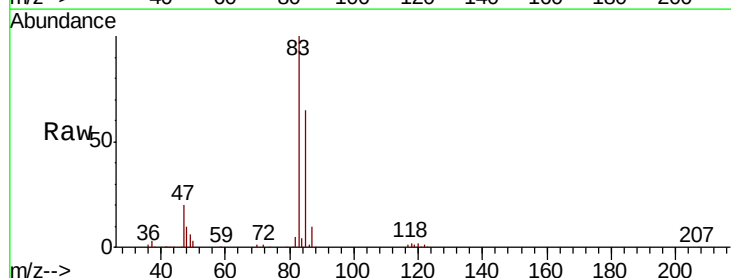


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

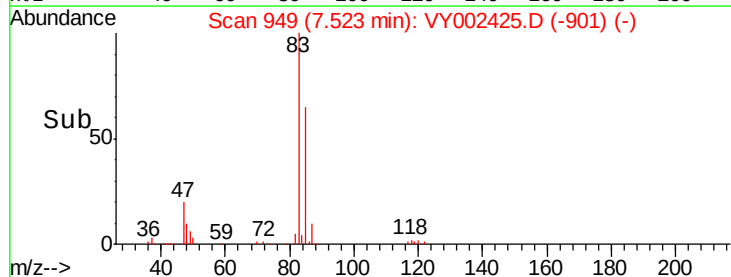
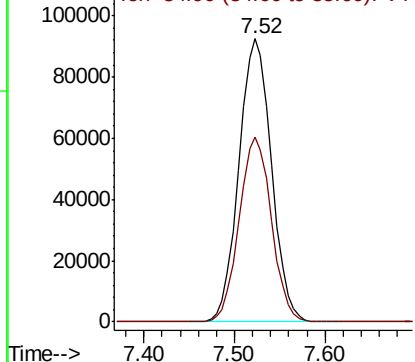


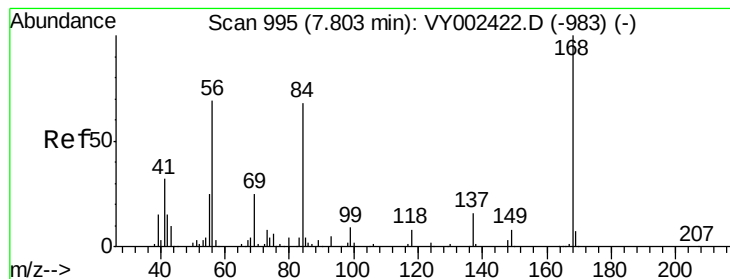
#30
Chloroform
Concen: 49.869 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 83 Resp: 230176
Ion Ratio Lower Upper
83 100
85 65.3 54.3 81.5



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





#31

Cyclohexane

Concen: 49.690 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampled :

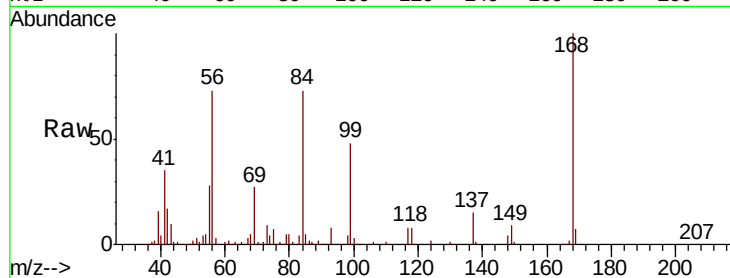
Tot Ion: 56 Resp: 225254

Ion Ratio Lower Upper

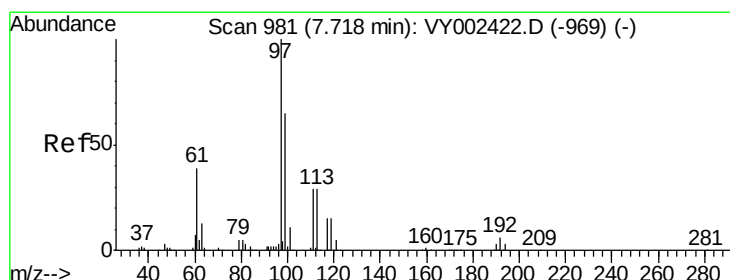
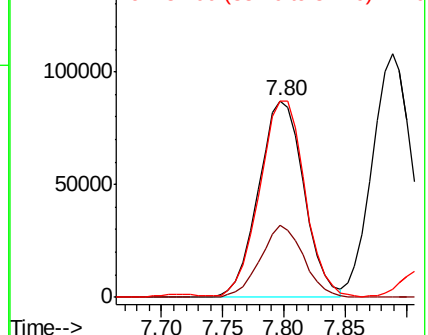
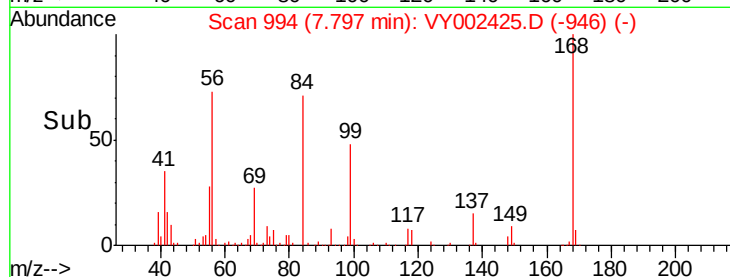
56 100

69 36.4 29.1 43.7

84 98.4 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: 51.275 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

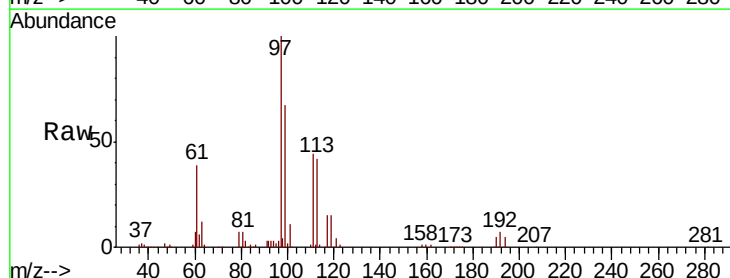
Tgt Ion: 97 Resp: 209021

Ion Ratio Lower Upper

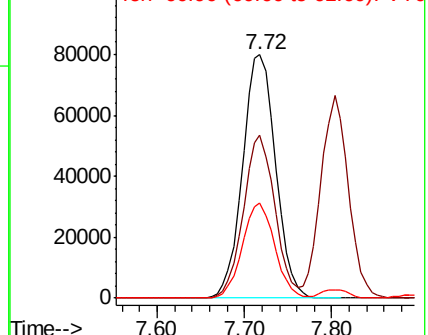
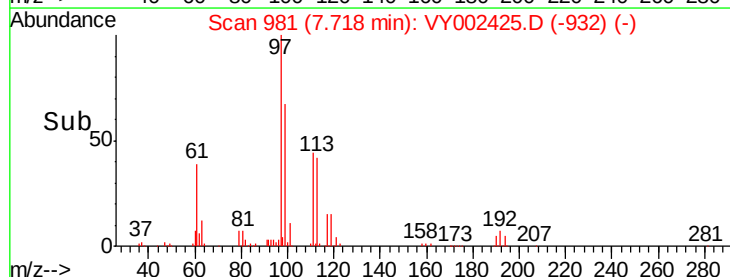
97 100

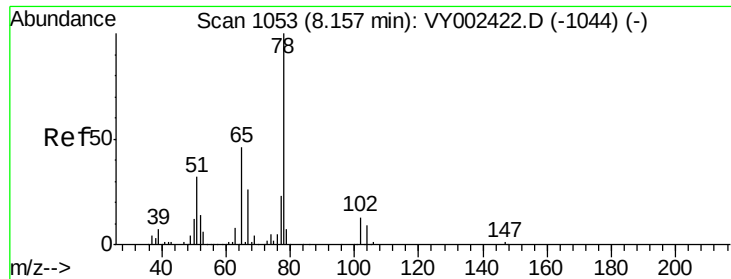
99 64.0 51.9 77.9

61 38.3 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

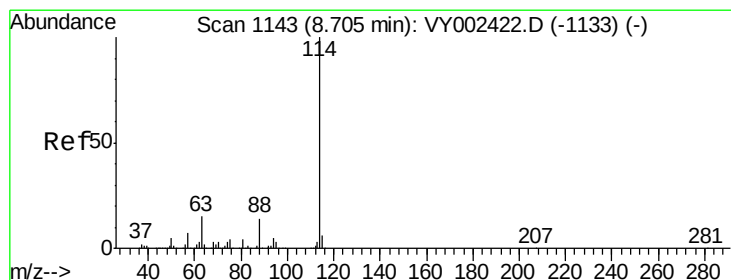
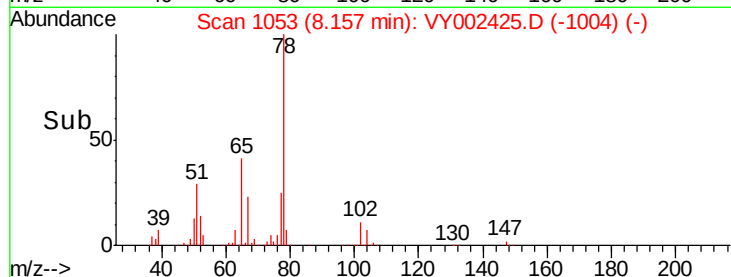
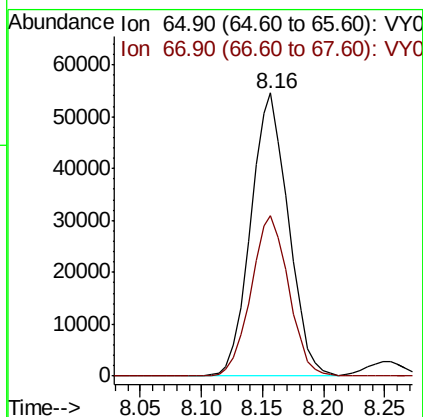
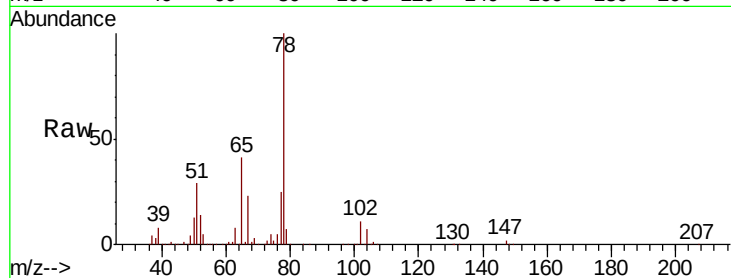




#33
 1,2-Dichloroethane-d4
 Concen: 53.111 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

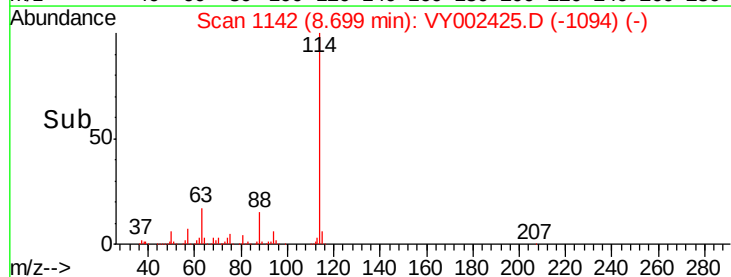
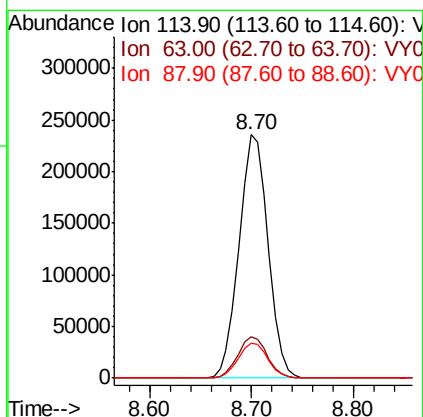
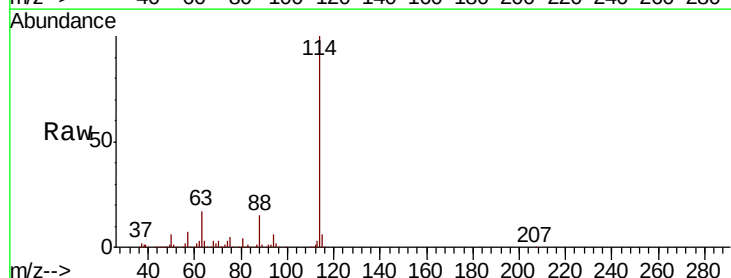
Instrument :
 MSVOA_Y
 ClientSampleId :

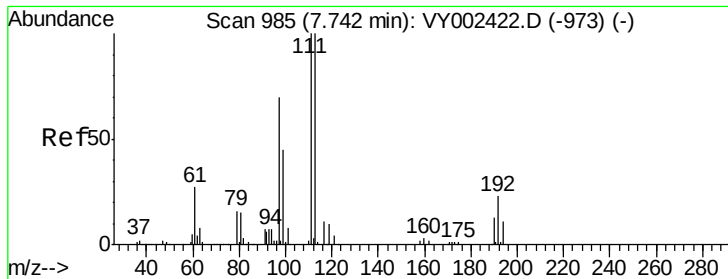
Tot Ion: 65 Resp: 116347
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 114 Resp: 464849
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 31.0
 88 14.6 0.0 28.2

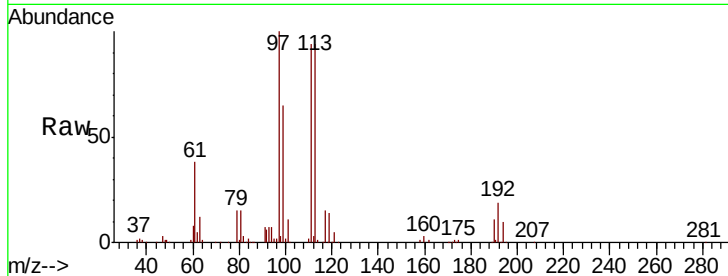




#35
 Dibromofluoromethane
 Concen: 54.460 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	21.2	17.8	26.6

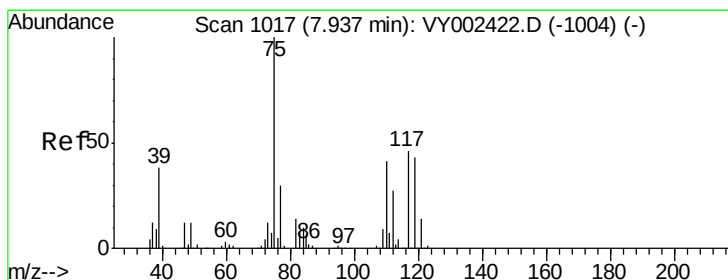
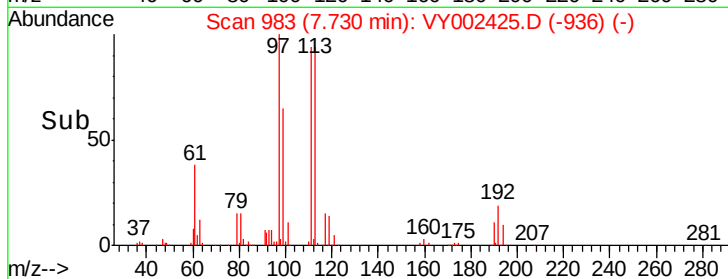
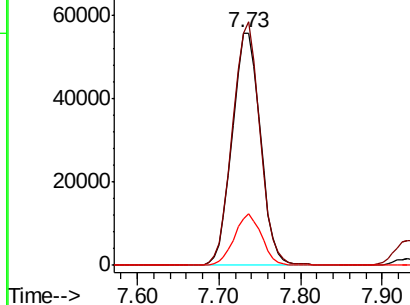


Abundance

Ion 112.80 (112.50 to 113.50): V

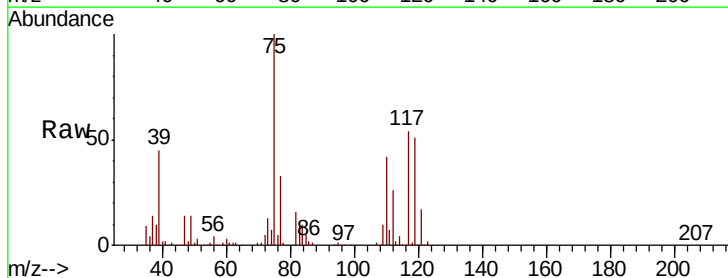
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.250 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.3	20.4	61.2
77	31.6	25.5	38.3

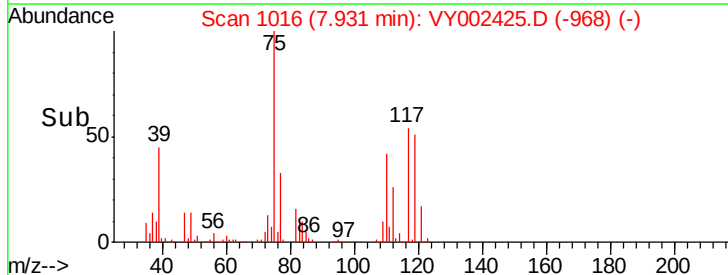
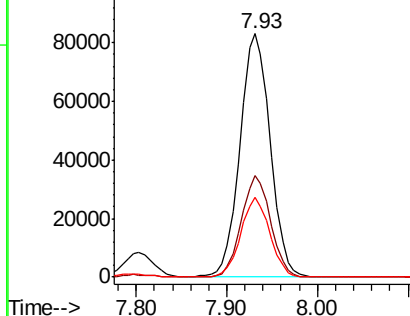


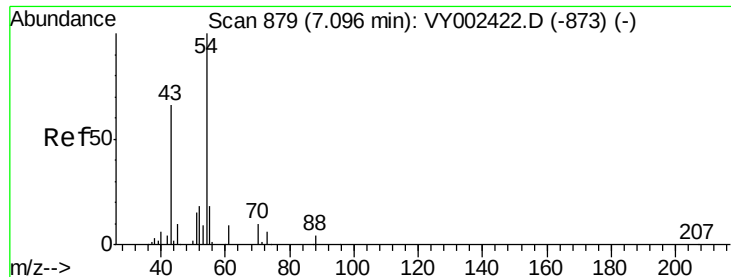
Abundance

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

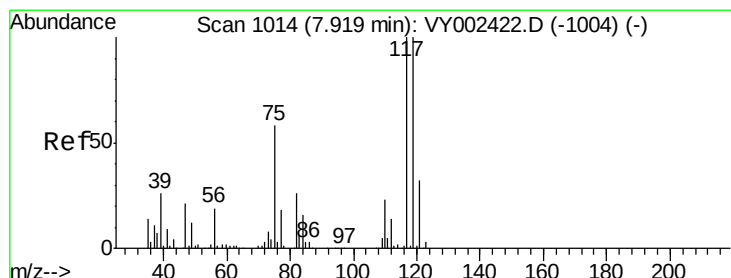
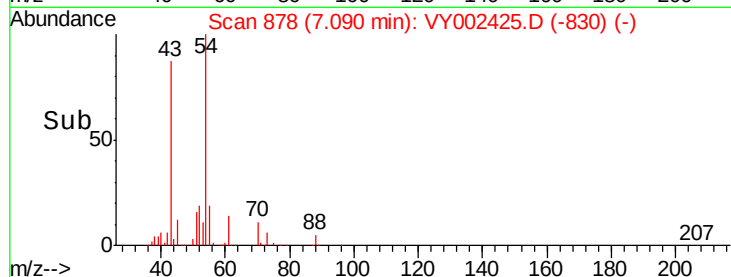
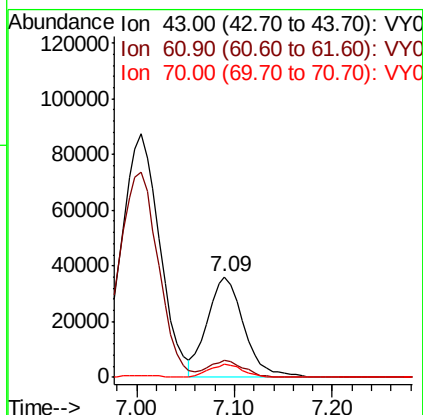
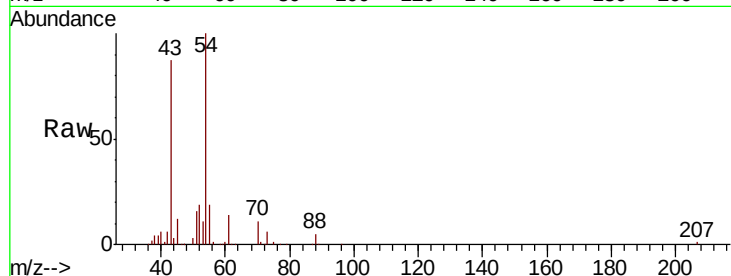




#37
Ethyl Acetate
Concen: 53.032 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

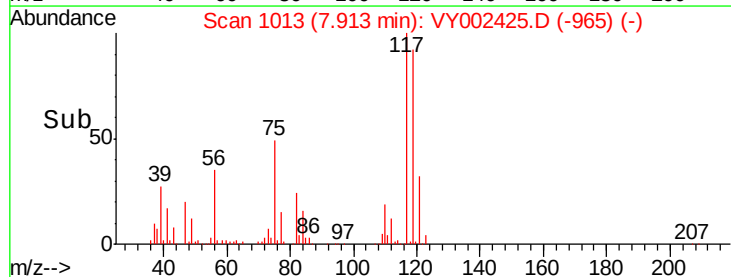
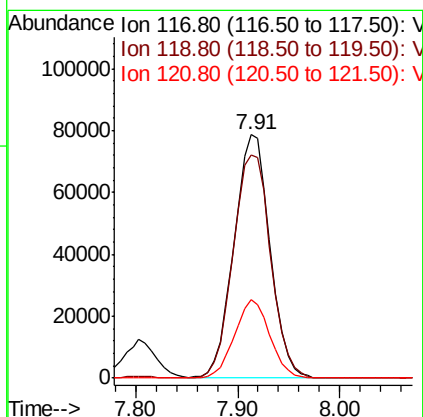
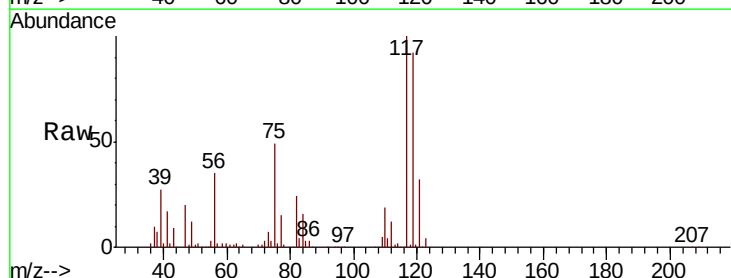
Instrument :
MSVOA_Y
ClientSampled :

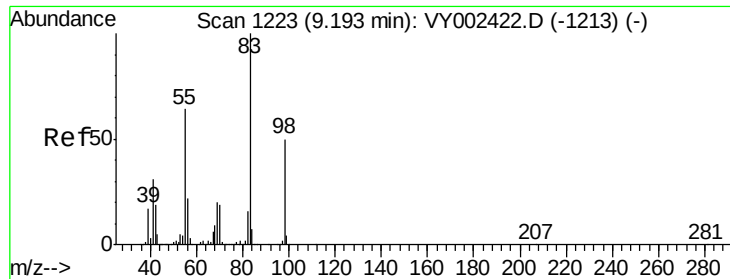
Tot Ion: 43 Resp: 92758
Ion Ratio Lower Upper
43 100
61 16.5 13.5 20.3
70 12.5 10.6 16.0



#38
Carbon Tetrachloride
Concen: 51.021 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 117 Resp: 192223
Ion Ratio Lower Upper
117 100
119 91.5 79.6 119.4
121 32.0 25.4 38.2

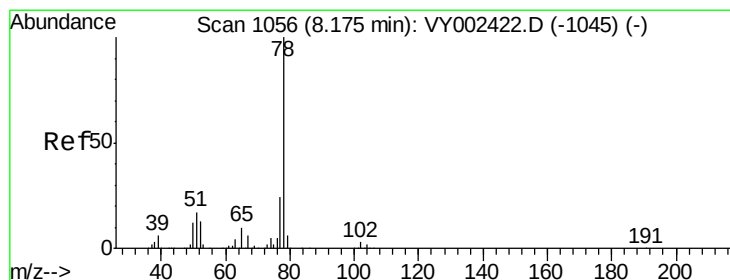
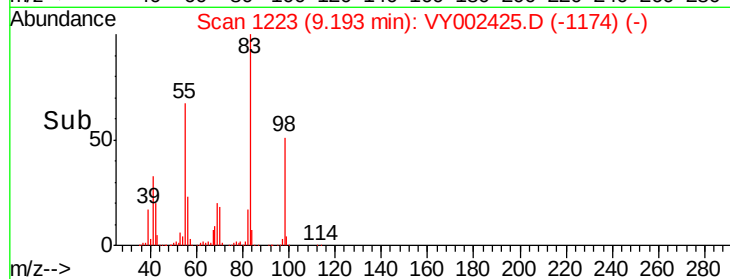
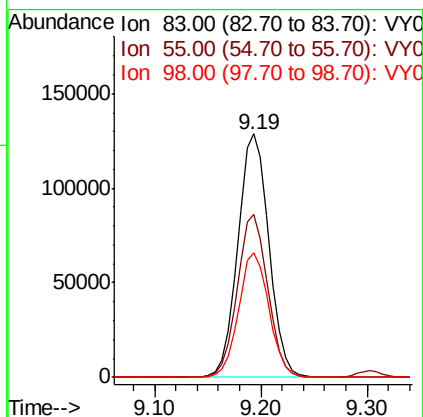
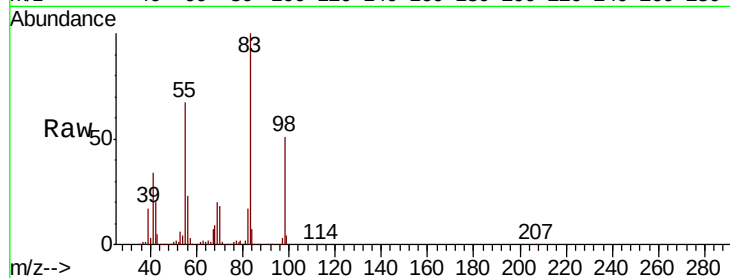




#39
Methylvlcyclohexane
Concen: 51.033 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

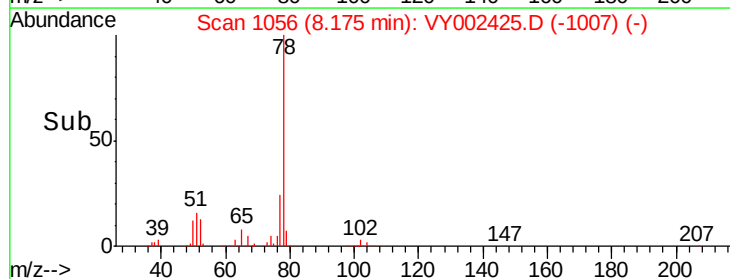
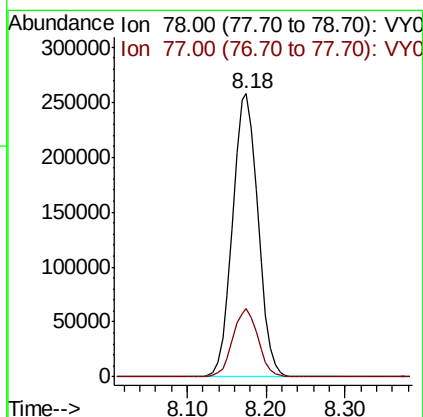
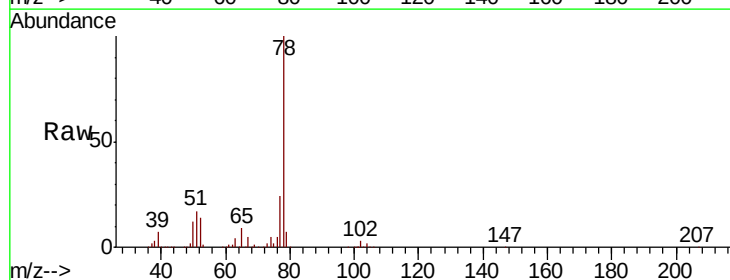
Instrument :
MSVOA_Y
ClientSampleId :

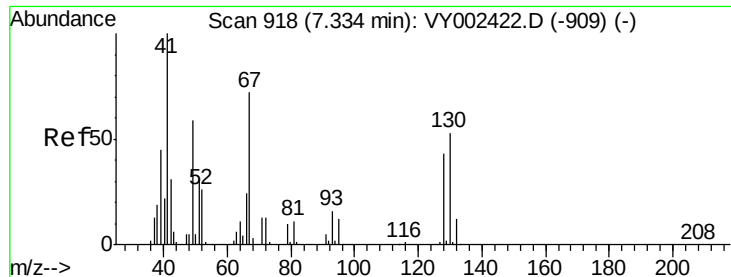
Tot Ion: 83 Resp: 263542
Ion Ratio Lower Upper
83 100
55 66.8 51.2 76.8
98 51.2 39.8 59.6



#40
Benzene
Concen: 50.177 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 78 Resp: 577626
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 134.705 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.02 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

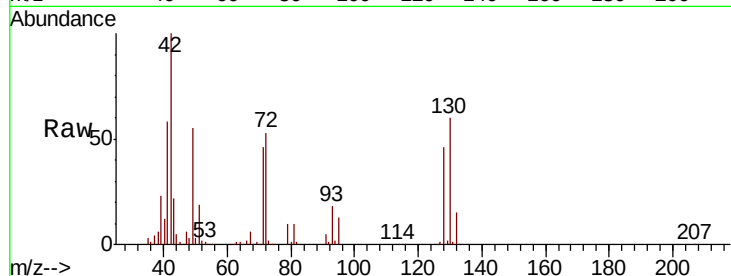
MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 125480

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

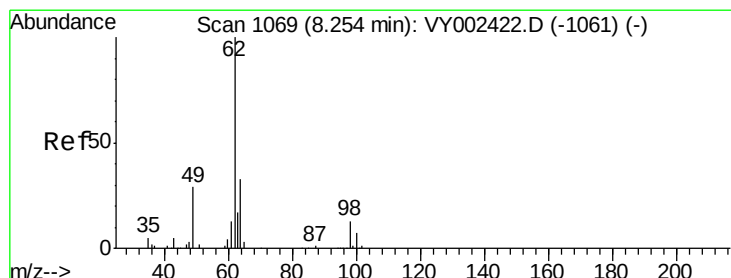
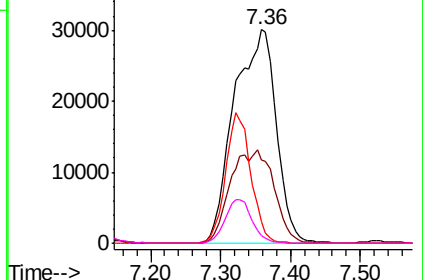
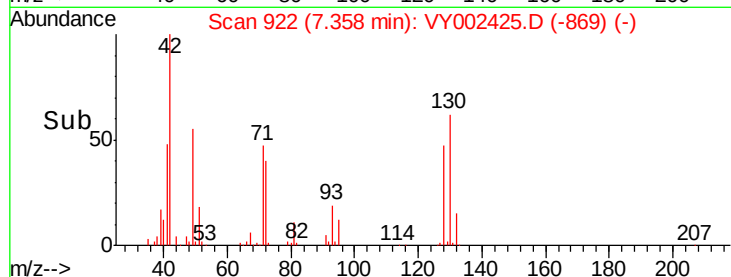


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 50.855 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.00 min

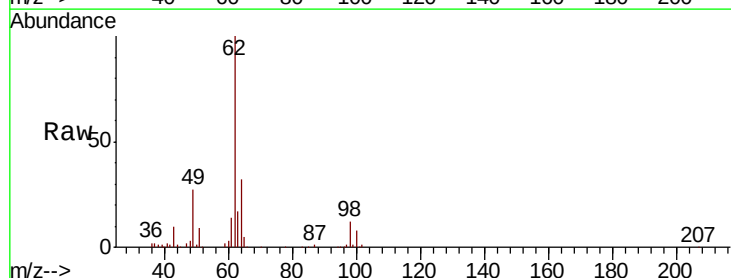
Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Tgt Ion: 62 Resp: 137934

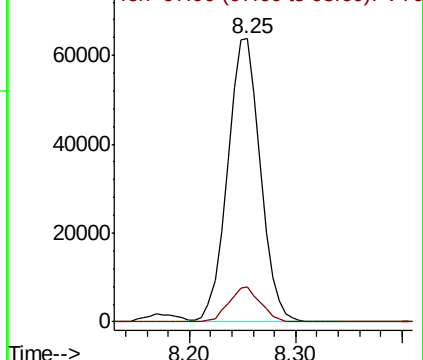
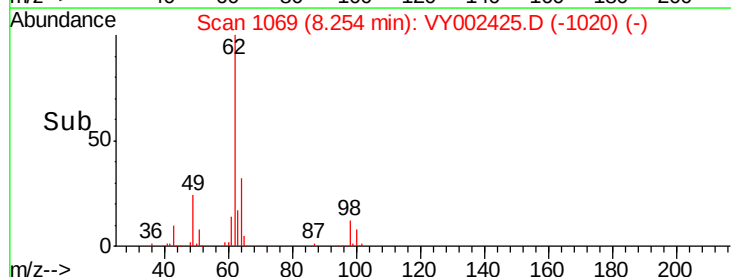
Ion Ratio Lower Upper

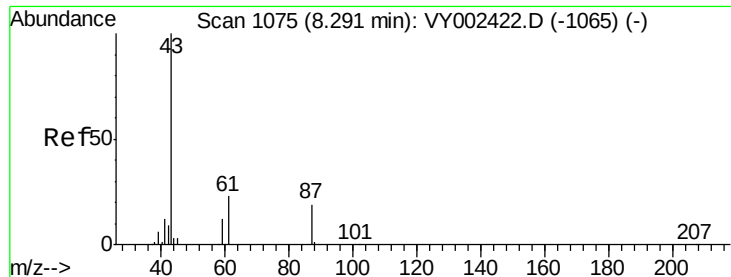
62	100		
98	11.9	0.0	25.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.069 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

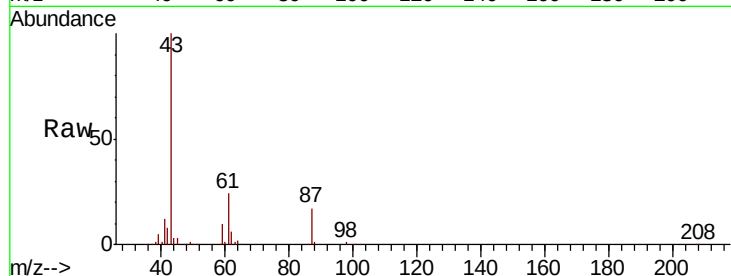
Tot Ion: 43 Resp: 174056

Ion Ratio Lower Upper

43 100

61 33.3 27.7 41.5

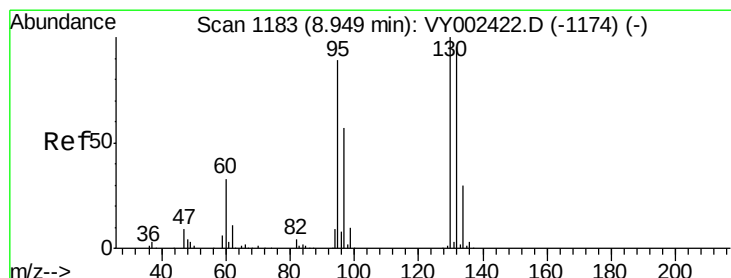
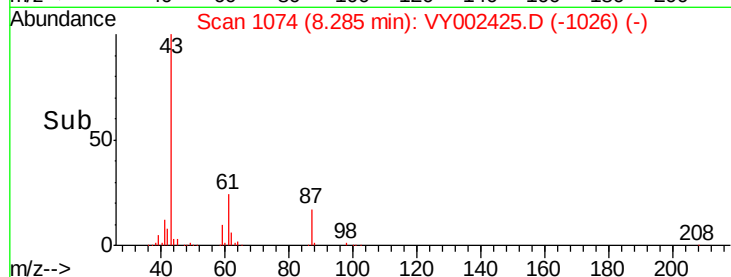
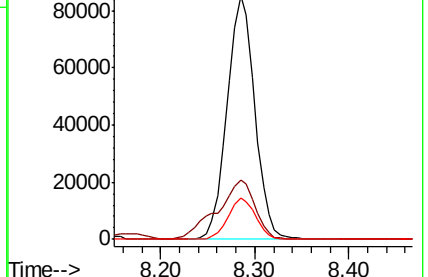
87 16.9 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VY002425.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY002425.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY002425.D (-1074) (-)



#44

Trichloroethene

Concen: 49.216 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY002425.D

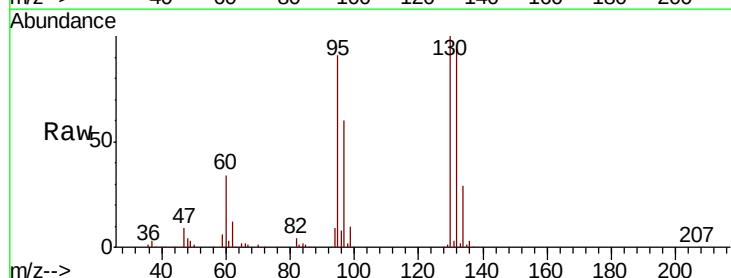
Acq: 20 Apr 2020 16:14

Tgt Ion:130 Resp: 189422

Ion Ratio Lower Upper

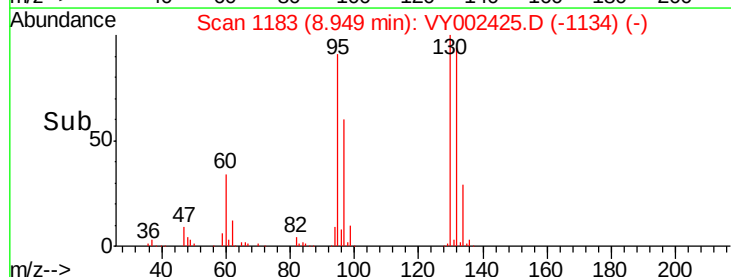
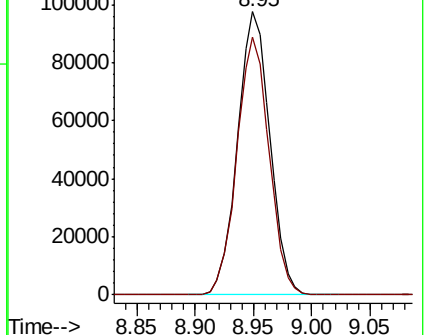
130 100

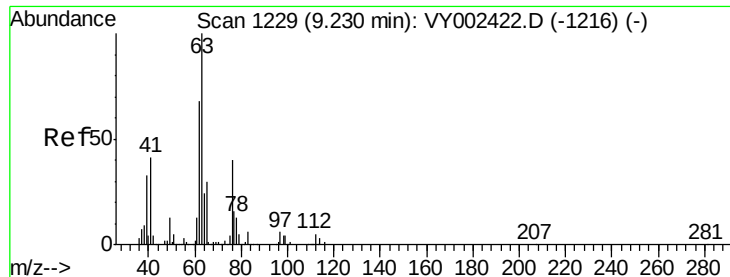
95 91.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VY002425.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY002425.D (-1183) (-)

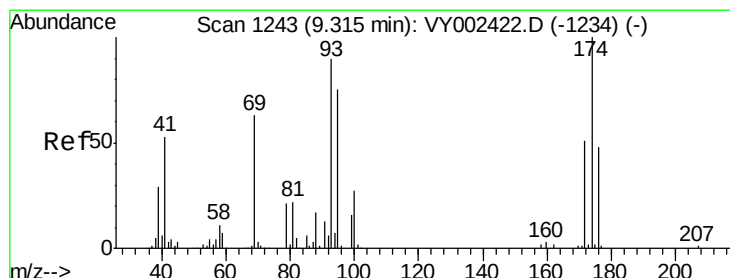
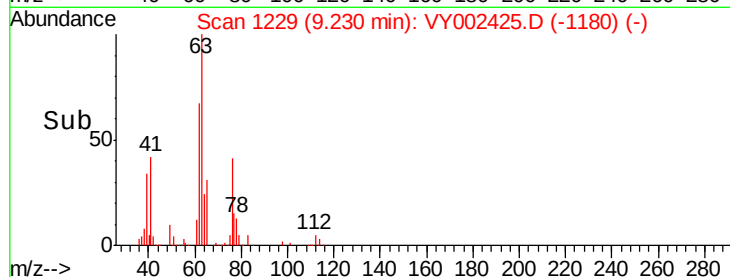
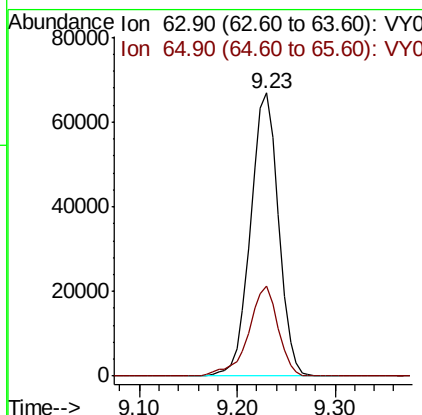
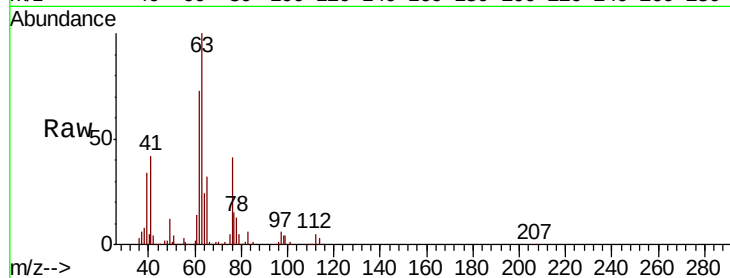




#45
 1,2-Dichloropropane
 Concen: 50.420 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

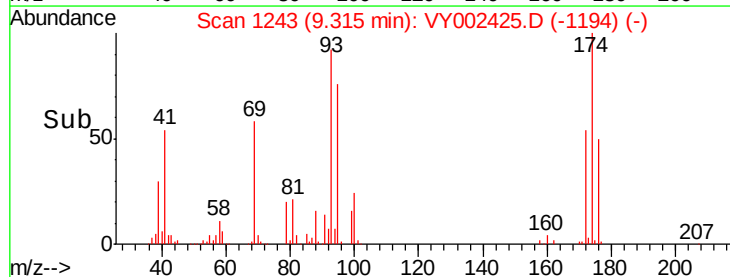
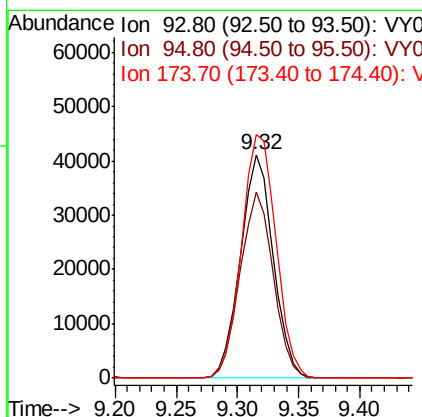
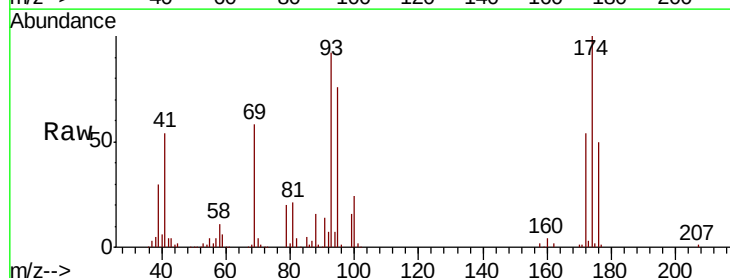
Instrument :
 MSVOA_Y
 ClientSampleId :

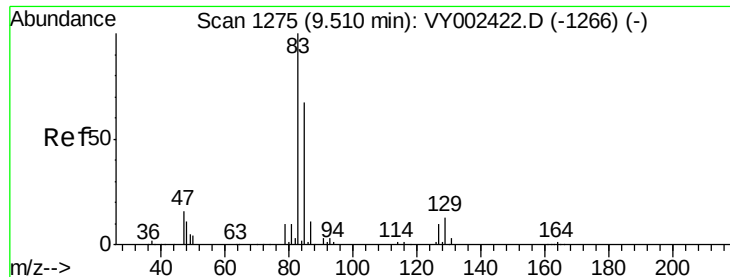
Tot Ion: 63 Resp: 132582
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.2



#46
 Dibromomethane
 Concen: 49.870 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 93 Resp: 76535
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.5 101.3
 174 114.8 94.5 141.7





#47

Bromodichloromethane

Concen: 51.605 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :

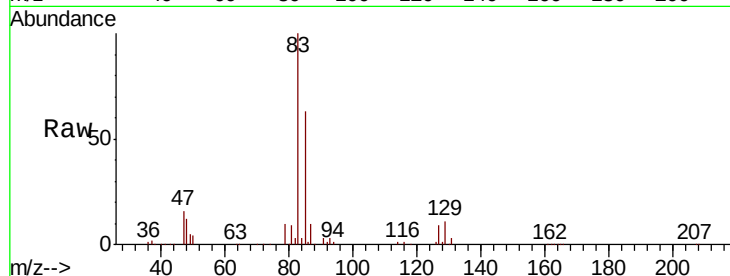
Tot Ion: 83 Resp: 179681

Ion Ratio Lower Upper

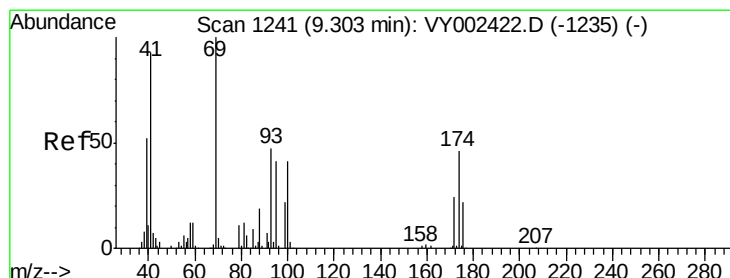
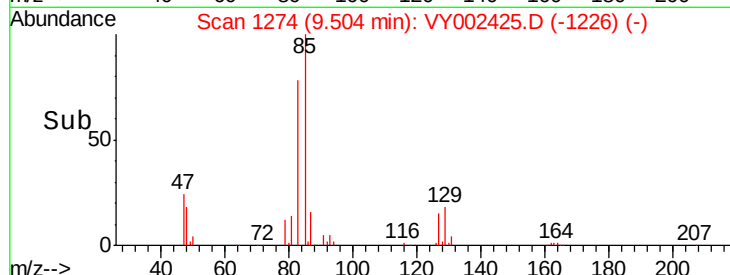
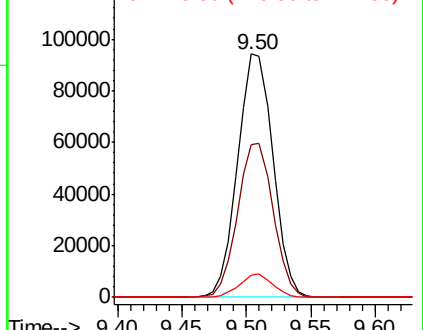
83 100

85 62.9 53.4 80.2

127 9.2 7.8 11.6



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



#48

Methyl methacrylate

Concen: 55.045 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

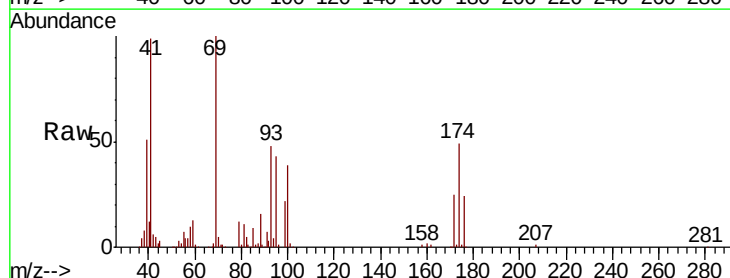
Tgt Ion: 41 Resp: 80614

Ion Ratio Lower Upper

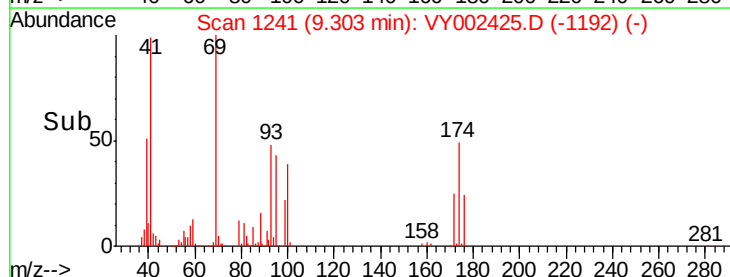
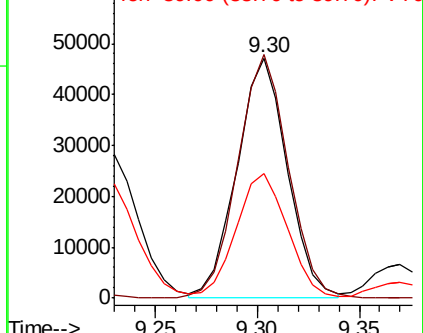
41 100

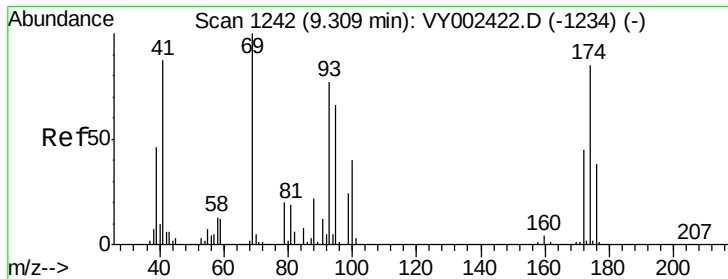
69 102.7 87.9 131.9

39 53.3 43.5 65.3



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





#49

1,4-Dioxane

Concen: 932.443 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :

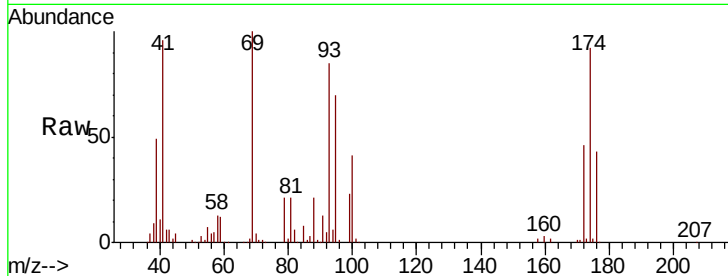
Tot Ion: 88 Resp: 21097

Ion Ratio Lower Upper

88 100

43 25.2 19.0 28.6

58 66.1 44.8 67.2

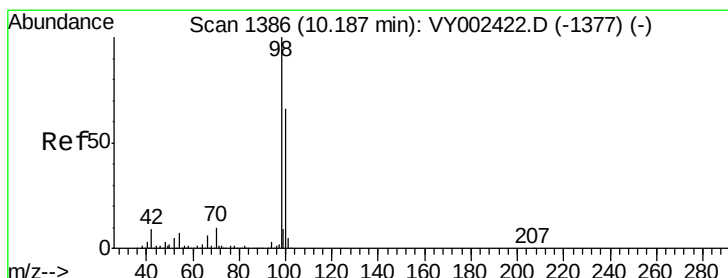
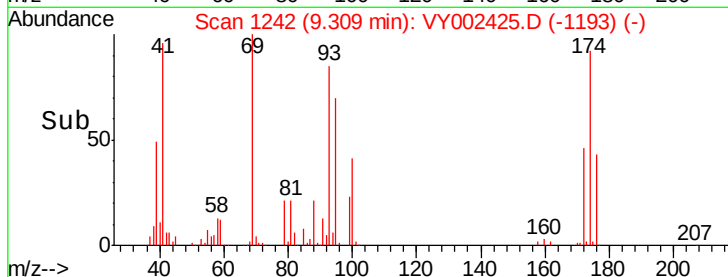
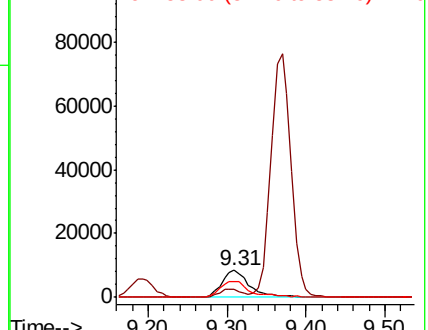


Abundance

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: 51.493 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002425.D

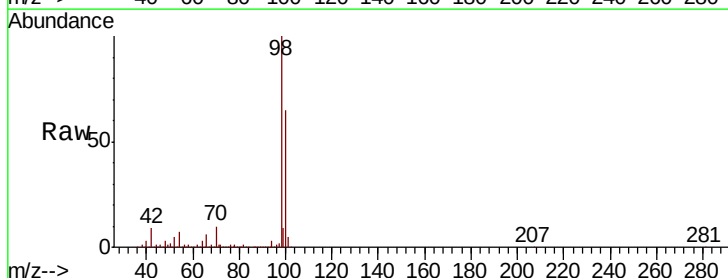
Acq: 20 Apr 2020 16:14

Tgt Ion: 98 Resp: 509216

Ion Ratio Lower Upper

98 100

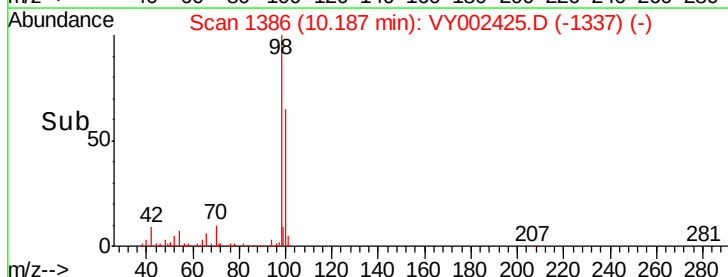
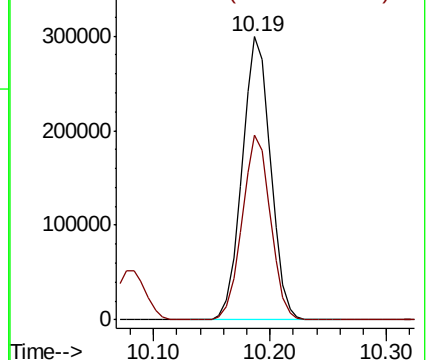
100 65.1 51.6 77.4

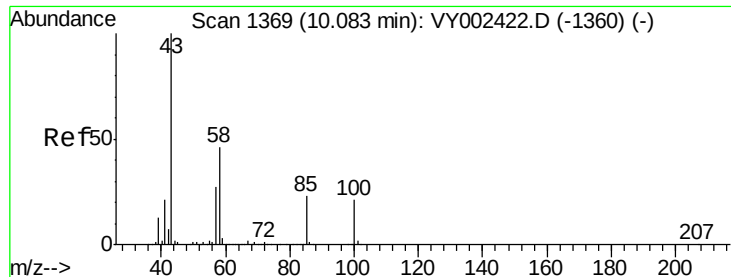


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

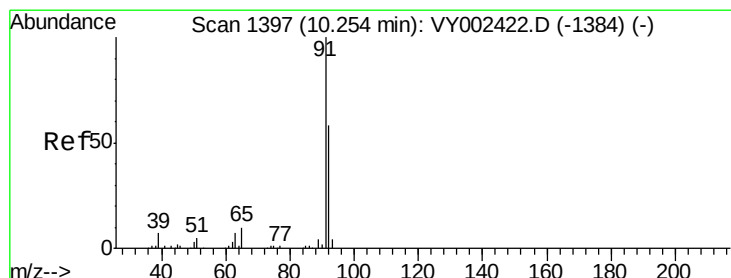
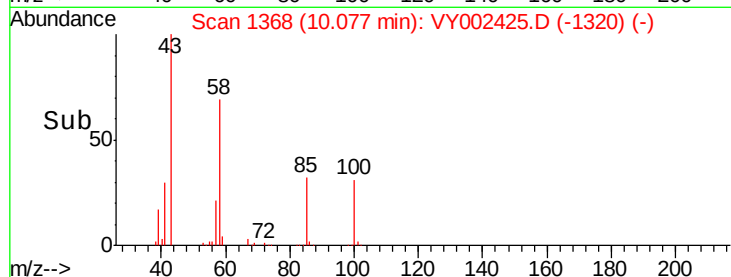
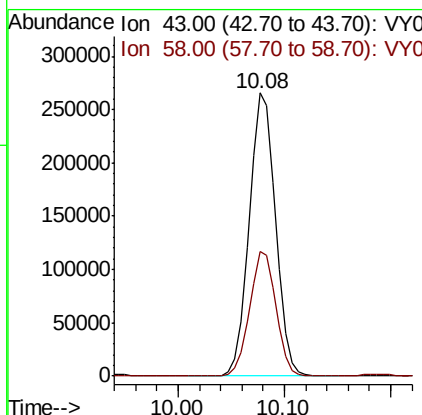
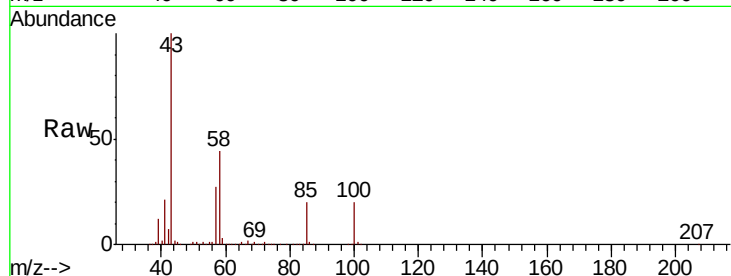




#51
 4-Methyl-2-Pentanone
 Concen: 270.833 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

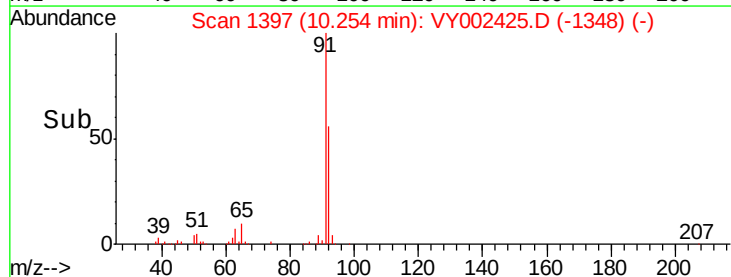
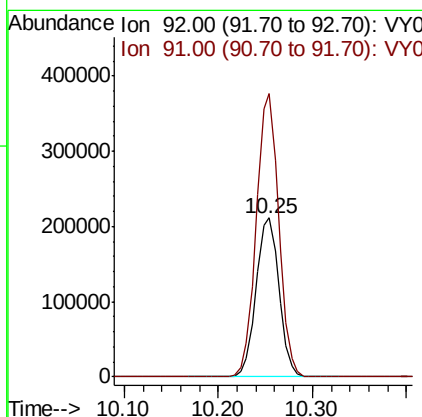
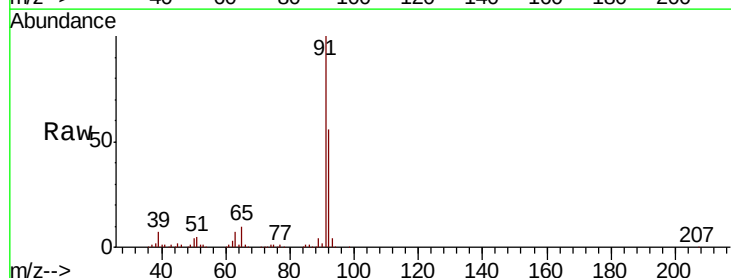
Instrument :
 MSVOA_Y
 ClientSampled :

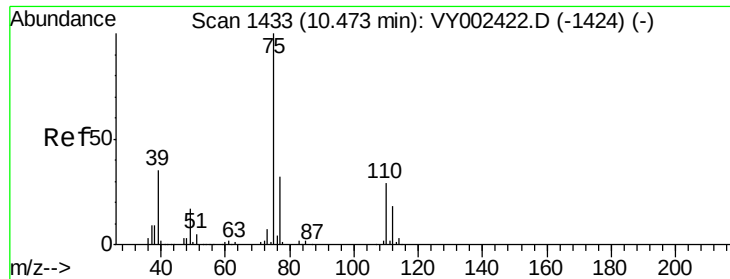
Tot Ion: 43 Resp: 461369
 Ion Ratio Lower Upper
 43 100
 58 44.2 36.8 55.2



#52
 Toluene
 Concen: 49.388 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 92 Resp: 359826
 Ion Ratio Lower Upper
 92 100
 91 174.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.490 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

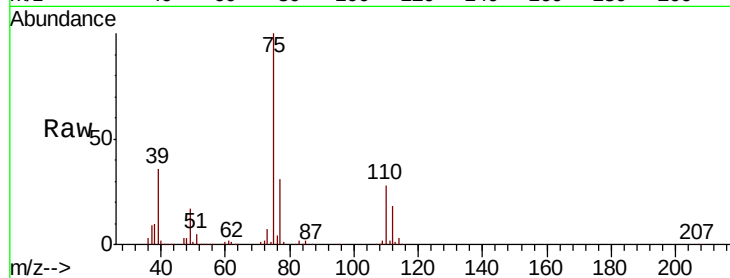
ClientSampled :

Tot Ion: 75 Resp: 191746

Ion Ratio Lower Upper

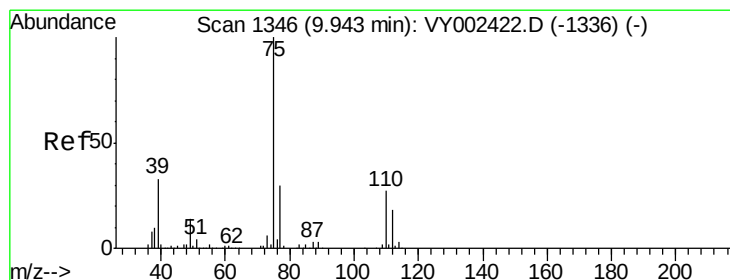
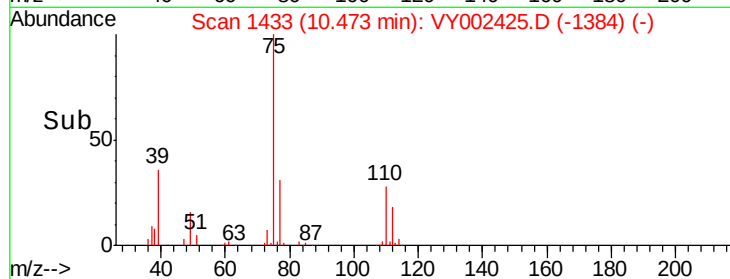
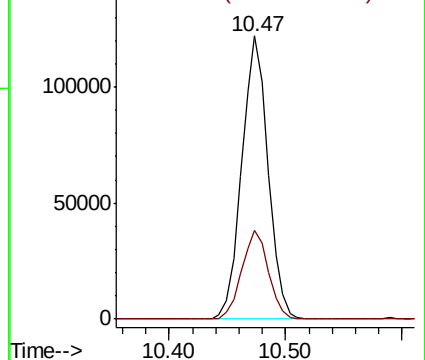
75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 51.458 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

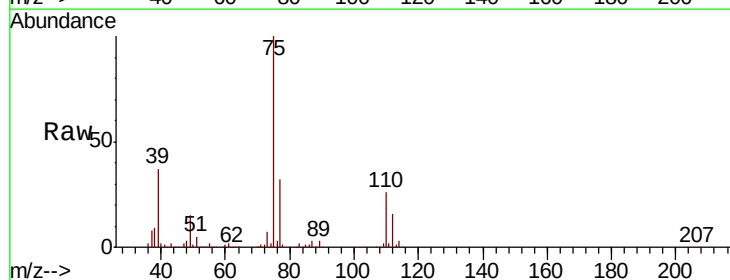
Tgt Ion: 75 Resp: 227916

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.4

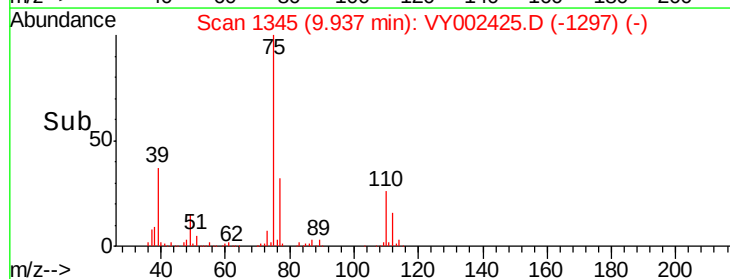
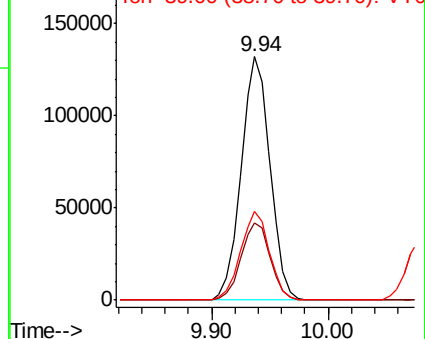
39 36.6 26.6 40.0

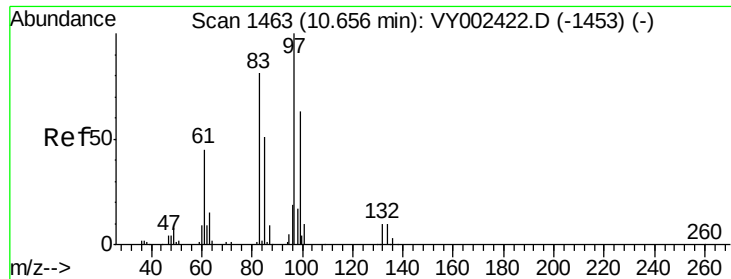


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

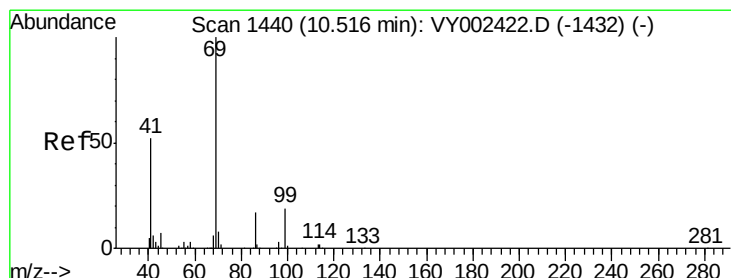
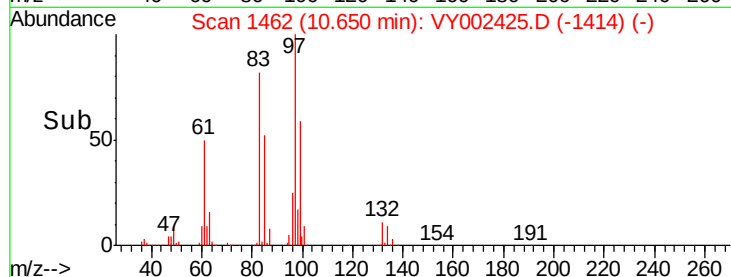
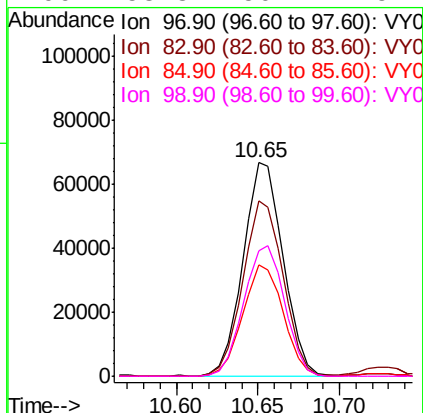
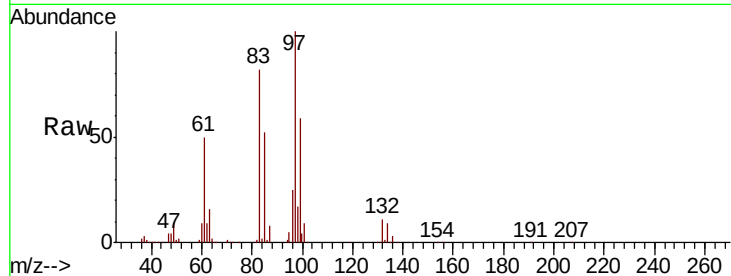




#55
 1,1,2-Trichloroethane
 Concen: 49.567 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

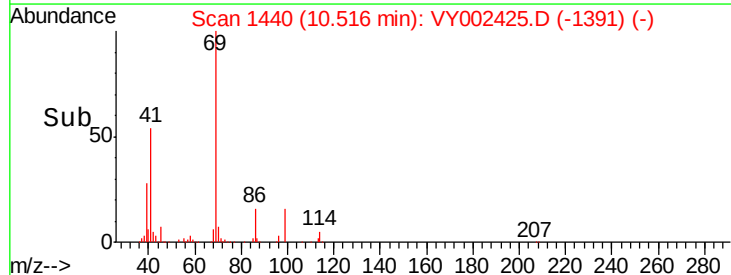
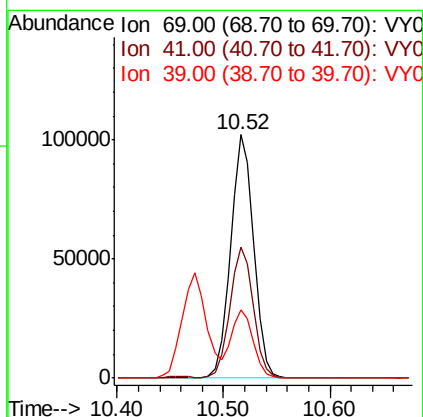
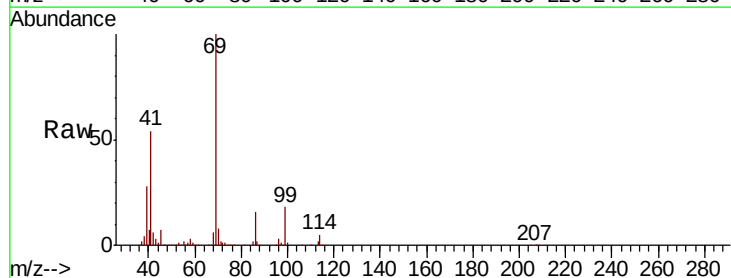
Instrument :
 MSVOA_Y
 ClientSampleId :

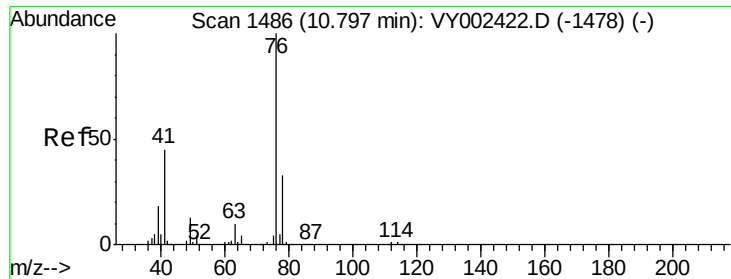
Tot Ion:	97	Resp:	114096
Ion	Ratio	Lower	Upper
97	100		
83	82.2	64.6	96.8
85	52.0	41.1	61.7
99	58.8	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 52.311 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion:	69	Resp:	155095
Ion	Ratio	Lower	Upper
69	100		
41	53.8	42.0	63.0
39	26.8	21.2	31.8





#57

1,3-Dichloropropane

Concen: 49.915 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

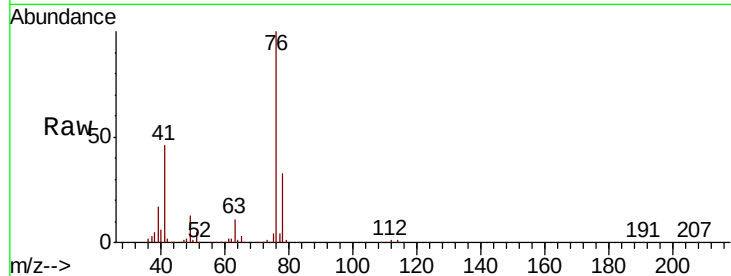
ClientSampleId :

Tot Ion: 76 Resp: 188094

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY002422.D (-1478) (-)

Ion 77.90 (77.60 to 78.60): VY002422.D (-1478) (-)

10.80

120000

100000

80000

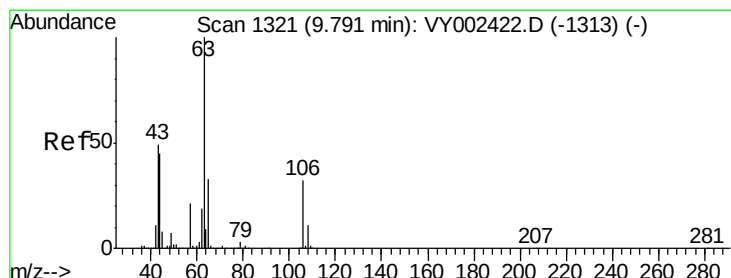
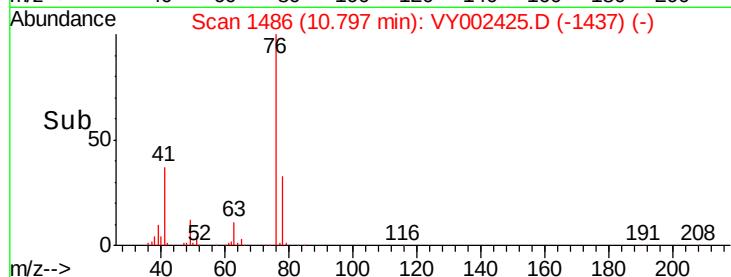
60000

40000

20000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 247.497 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY002425.D

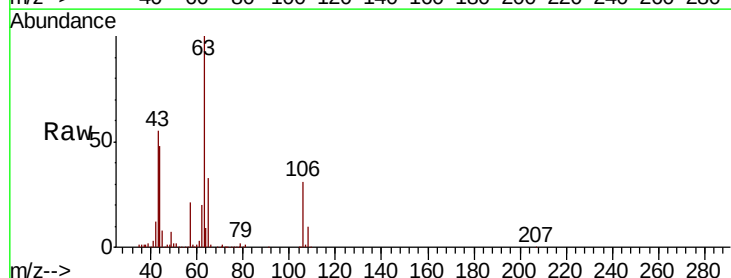
Acq: 20 Apr 2020 16:14

Tgt Ion: 63 Resp: 363496

Ion Ratio Lower Upper

63 100

106 31.8 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY002422.D (-1313) (-)

Ion 105.90 (105.60 to 106.60): VY002422.D (-1313) (-)

9.79

250000

200000

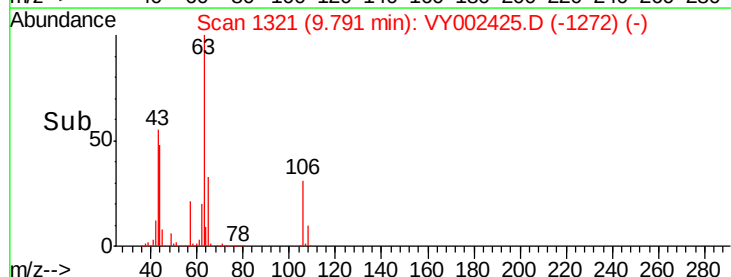
150000

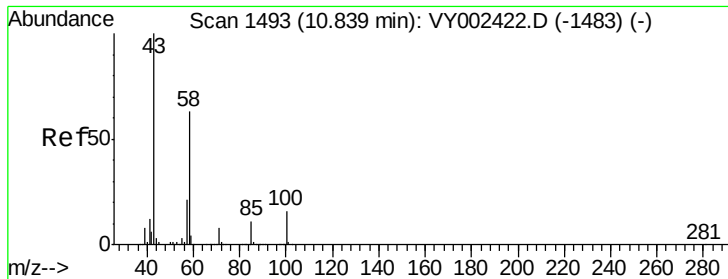
100000

50000

0

Time--> 9.70 9.75 9.80 9.85

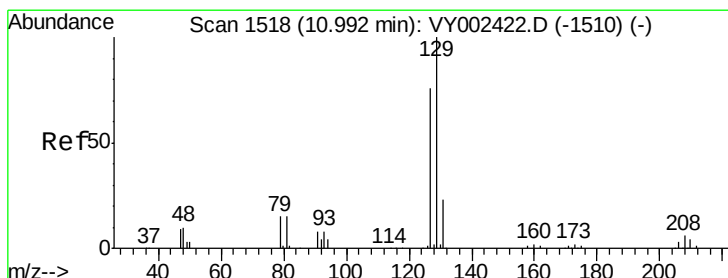
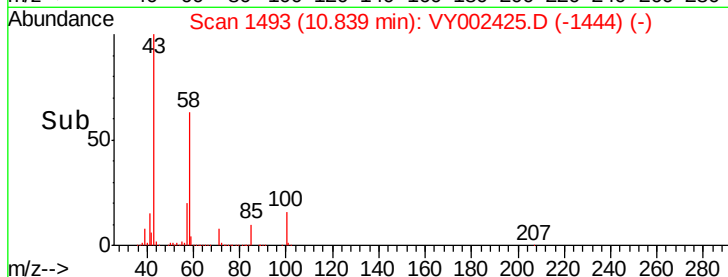
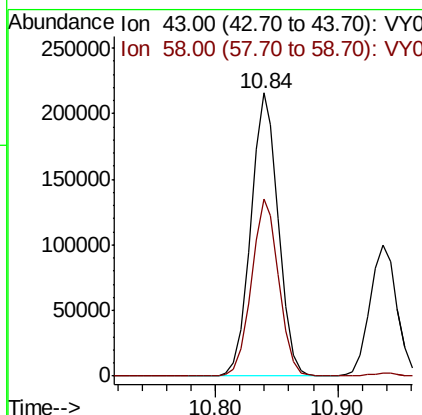
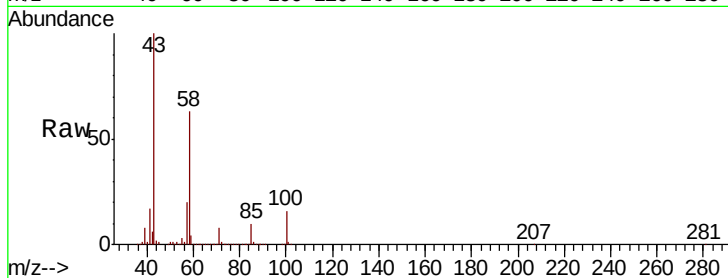




#59
2-Hexanone
Concen: 278.408 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

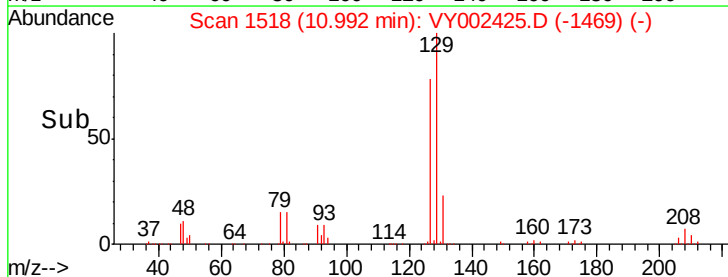
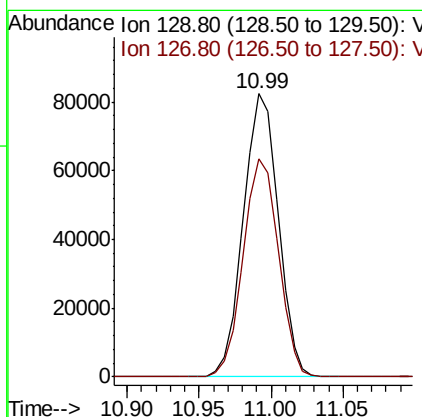
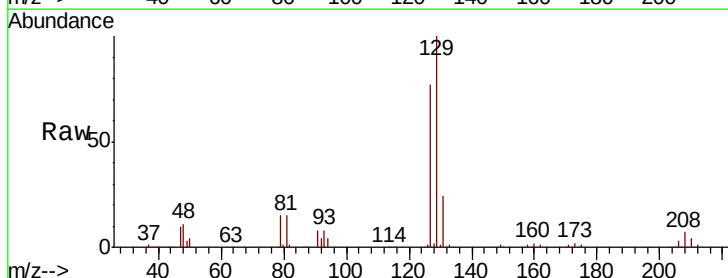
Instrument :
MSVOA_Y
ClientSampleId :

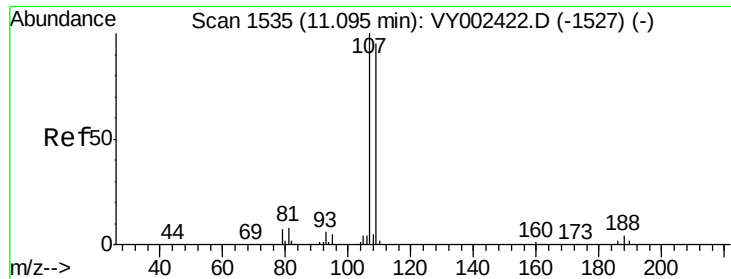
Tot Ion: 43 Resp: 336606
Ion Ratio Lower Upper
43 100
58 62.1 32.5 97.4



#60
Dibromochloromethane
Concen: 49.998 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 129 Resp: 138619
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

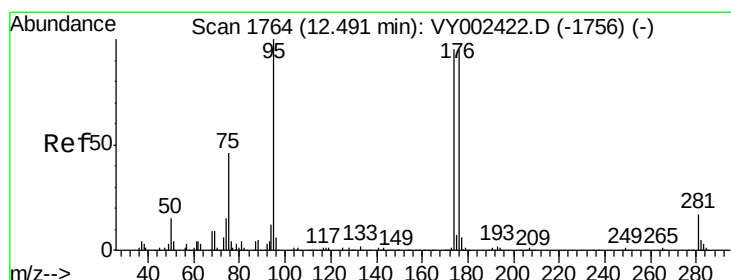
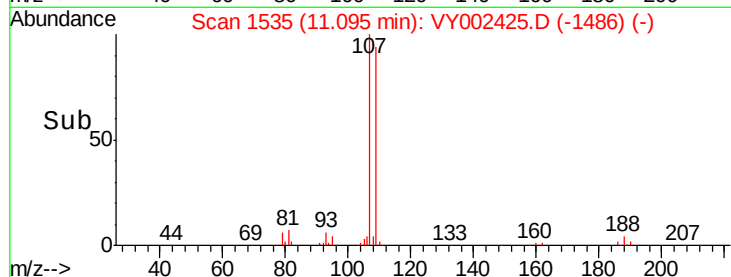
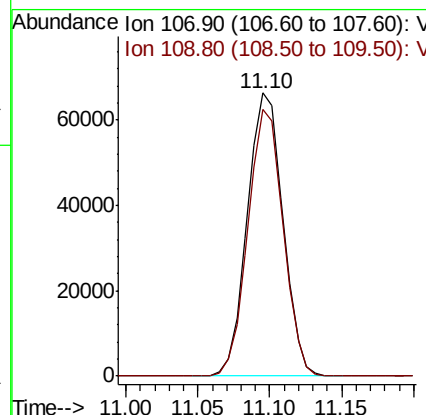
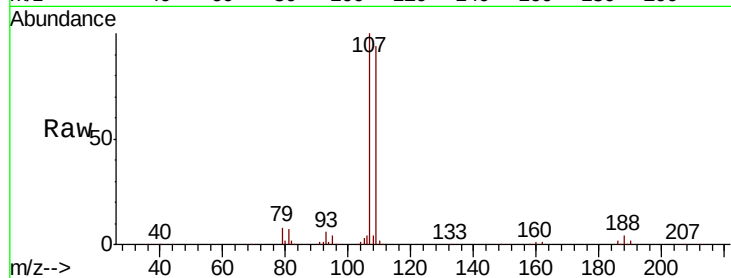




#61
 1,2-Dibromoethane
 Concen: 50.460 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

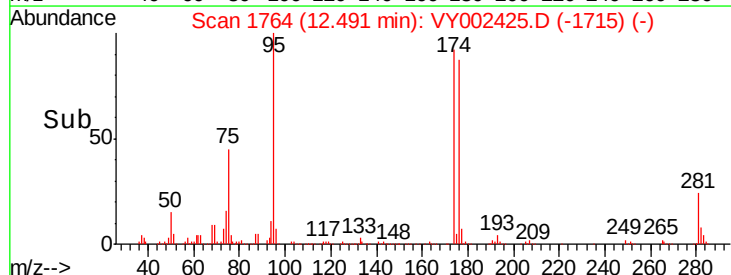
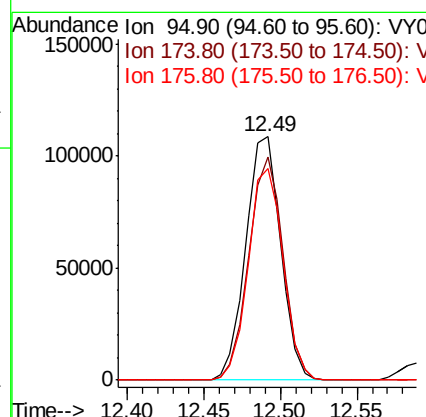
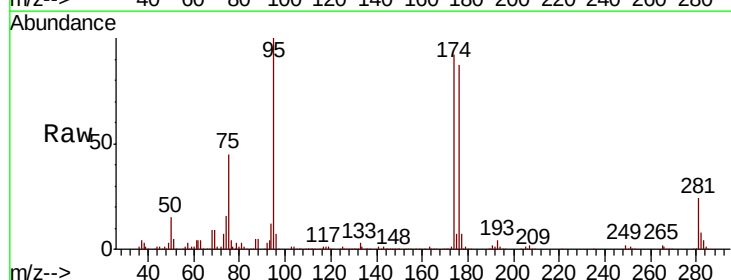
Instrument :
 MSVOA_Y
 ClientSampleId :

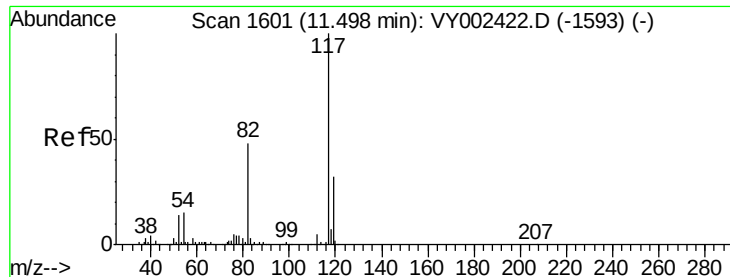
Tot Ion:107 Resp: 113324
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 52.829 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 95 Resp: 172488
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 185.8
 176 86.9 0.0 181.2

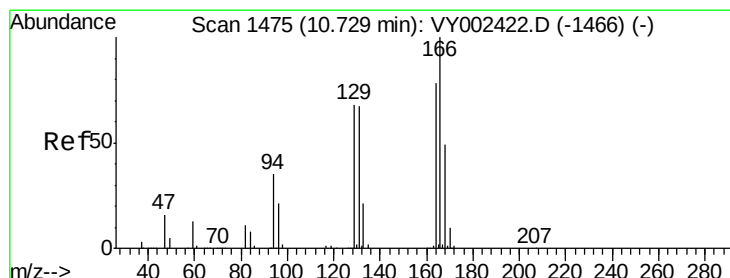
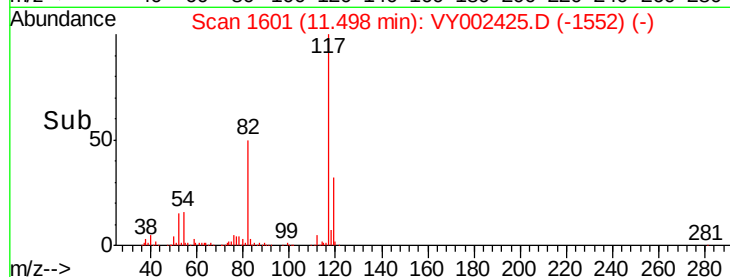
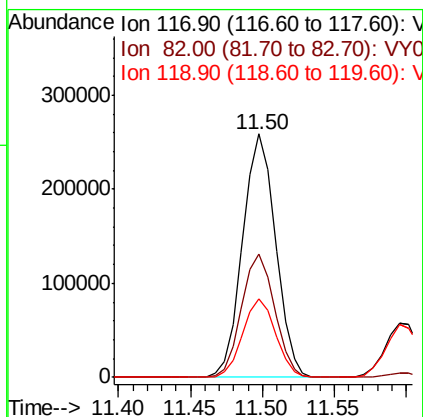
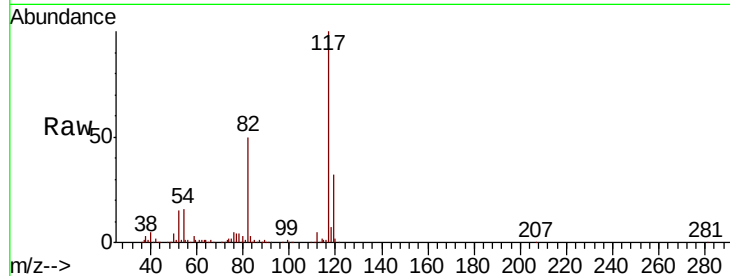




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

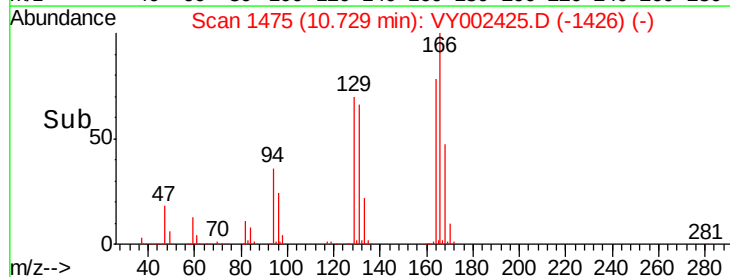
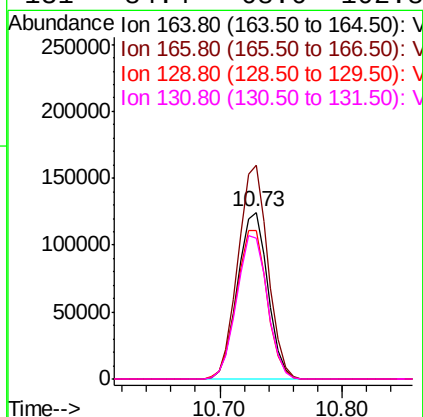
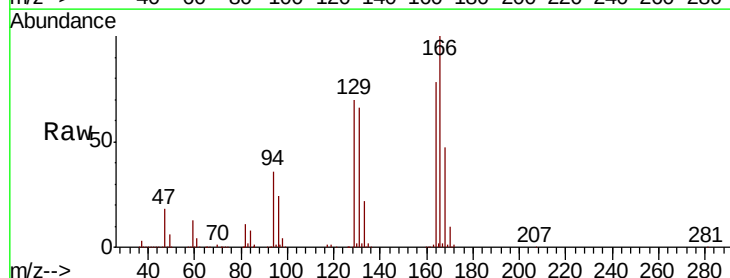
Instrument :
MSVOA_Y
ClientSampleId :

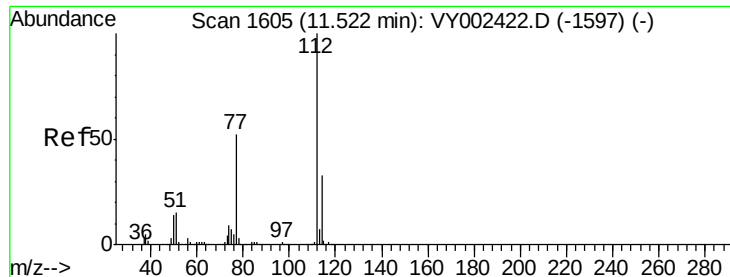
Tot Ion:117 Resp: 410994
Ion Ratio Lower Upper
117 100
82 50.4 38.4 57.6
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 48.689 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion:164 Resp: 213488
Ion Ratio Lower Upper
164 100
166 128.3 102.4 153.6
129 89.5 70.1 105.1
131 84.4 68.6 102.8

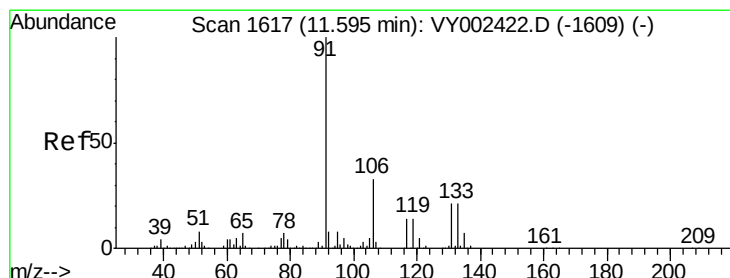
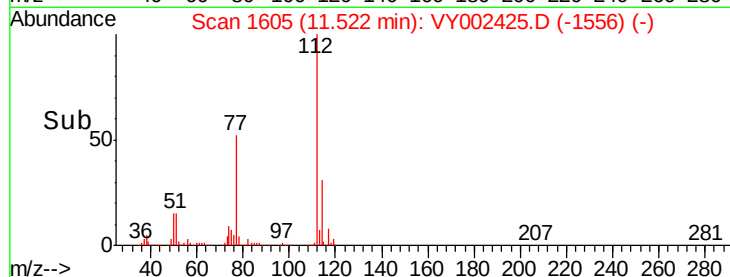
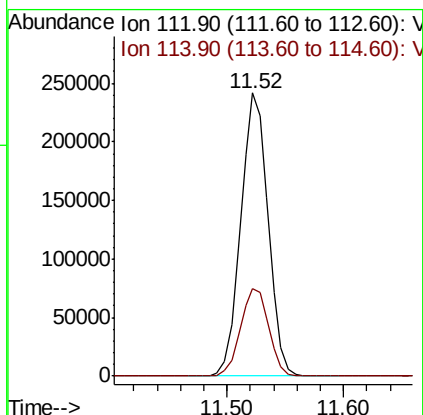
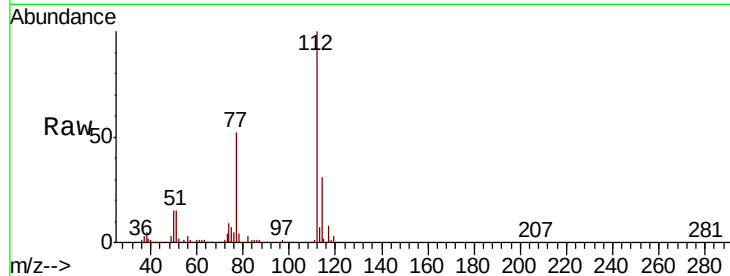




#65
Chlorobenzene
Concen: 49.934 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

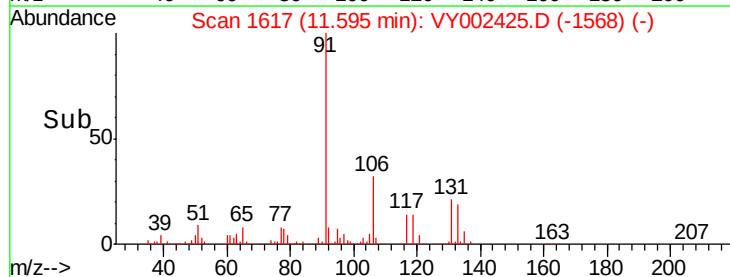
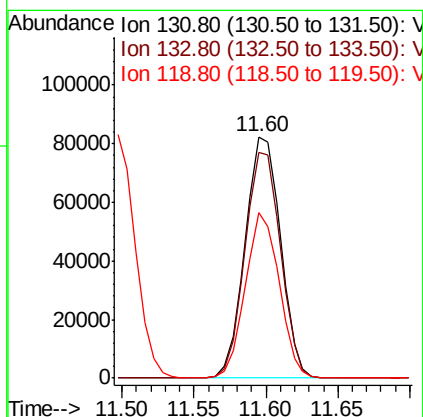
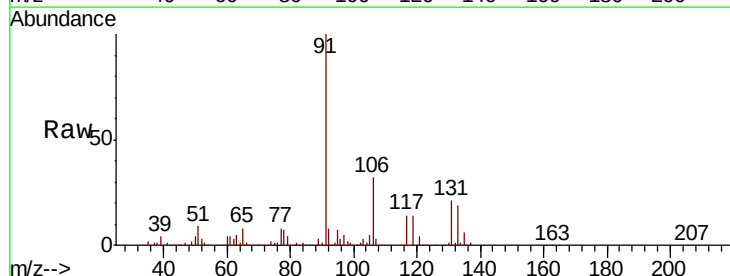
Instrument :
MSVOA_Y
ClientSampled :

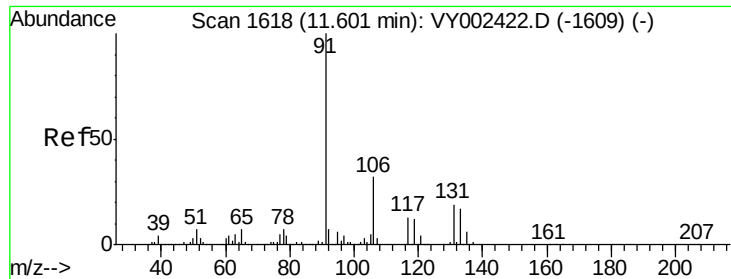
Tot Ion:112 Resp: 393699
Ion Ratio Lower Upper
112 100
114 30.9 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.585 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion:131 Resp: 140706
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 65.5 33.5 100.4

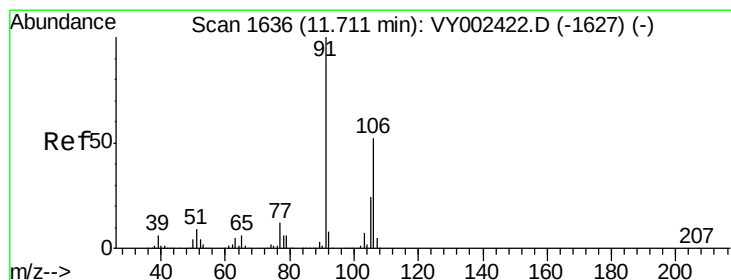
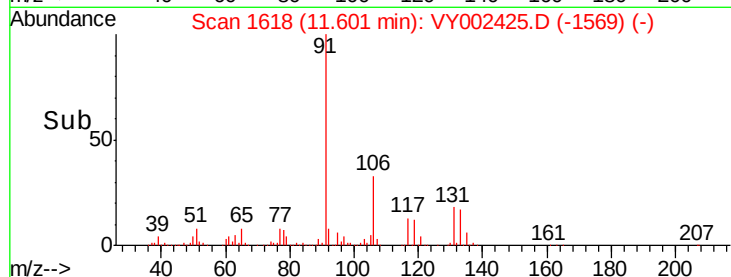
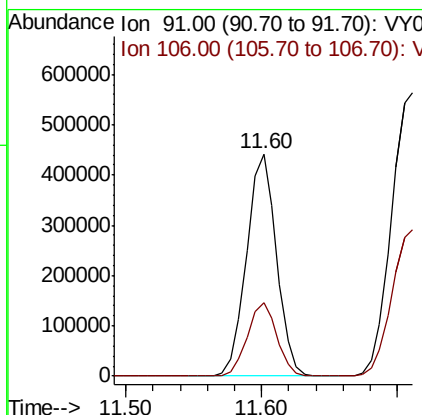
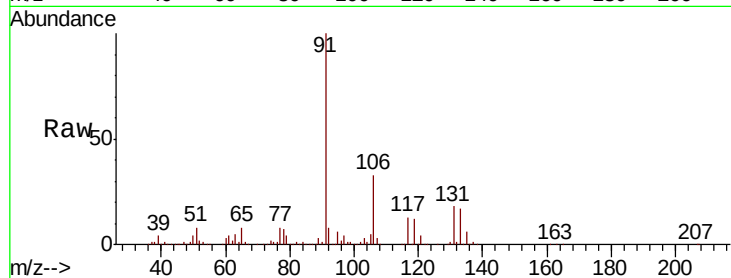




#67
Ethyl Benzene
Concen: 49.856 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

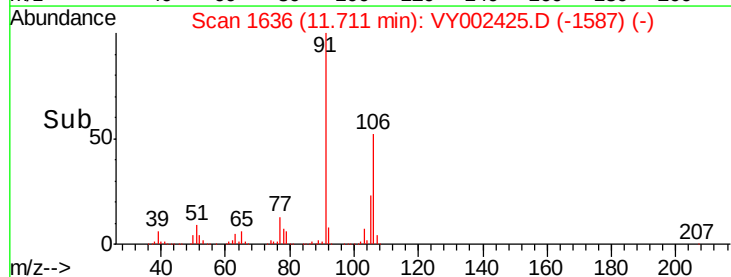
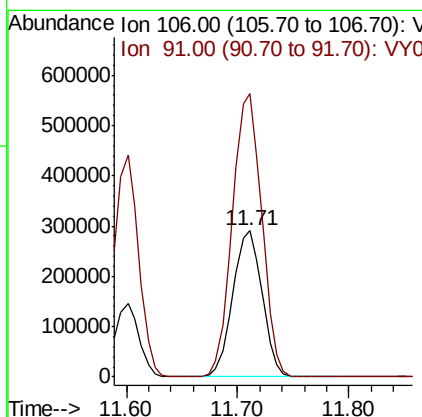
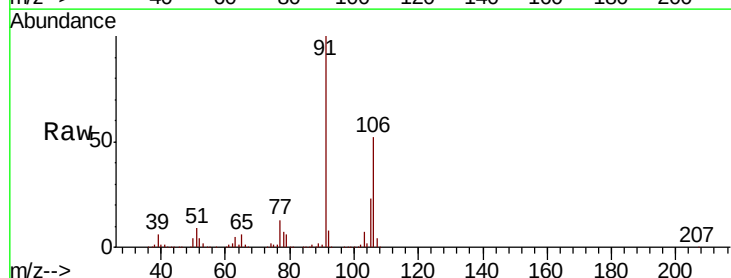
Instrument :
MSVOA_Y
ClientSampled :

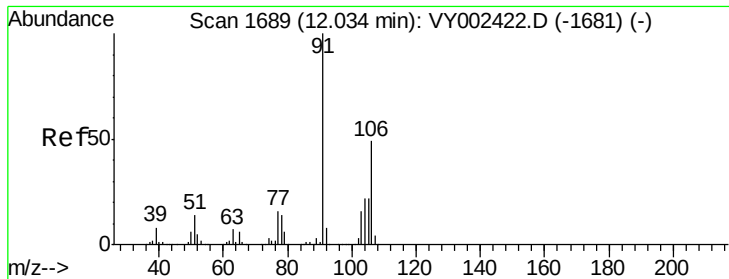
Tot Ion: 91 Resp: 679859
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8



#68
m/p-Xylenes
Concen: 100.334 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion: 106 Resp: 528749
Ion Ratio Lower Upper
106 100
91 194.3 153.6 230.4

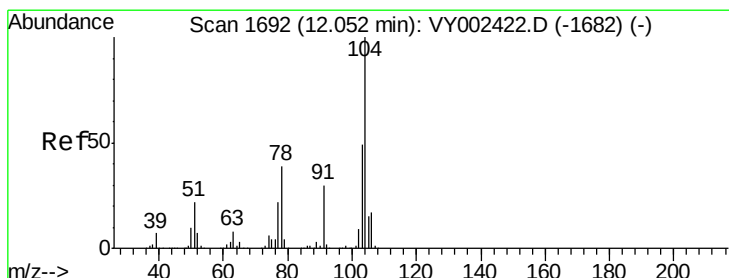
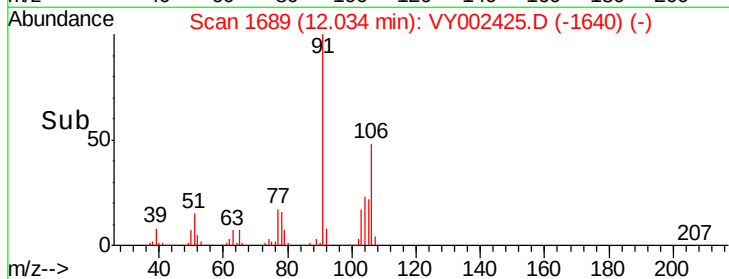
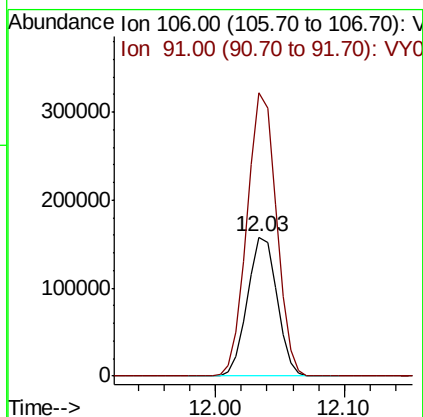
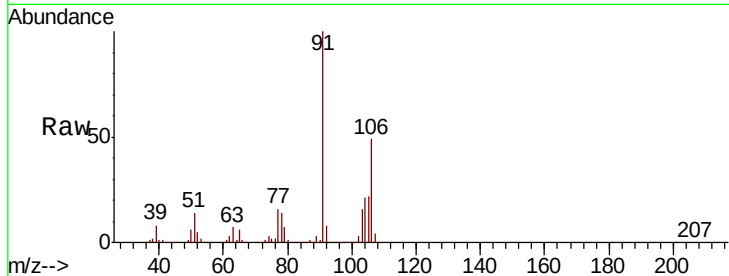




#69
o-Xylene
Concen: 50.551 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

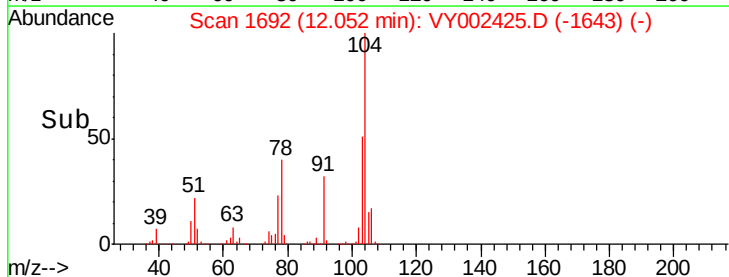
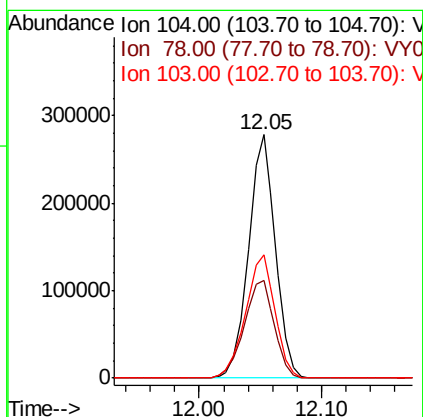
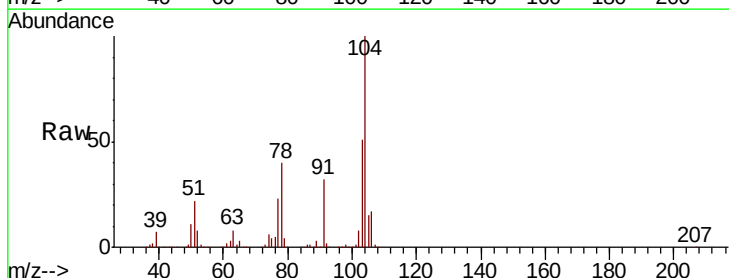
Instrument :
MSVOA_Y
ClientSampleId :

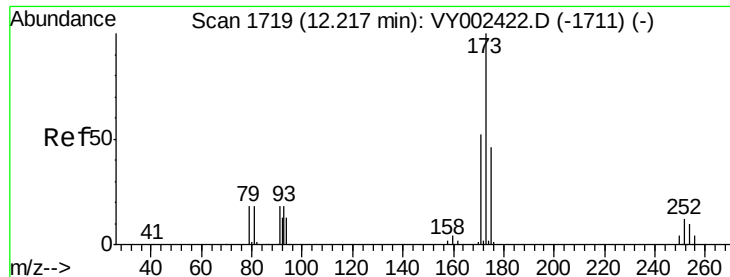
Tot Ion:106 Resp: 250981
Ion Ratio Lower Upper
106 100
91 201.9 100.4 301.2



#70
Styrene
Concen: 49.836 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion:104 Resp: 423576
Ion Ratio Lower Upper
104 100
78 45.3 34.5 51.7
103 55.4 43.4 65.2





#71

Bromoform

Concen: 51.551 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

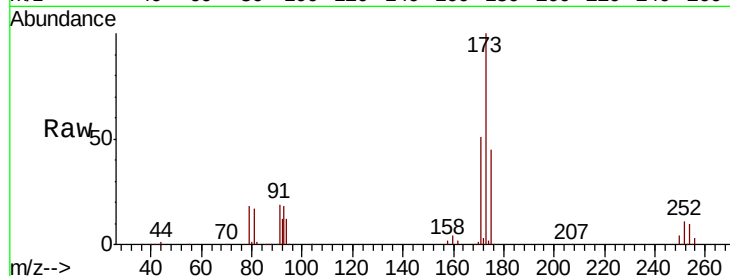
Tot Ion:173 Resp: 87746

Ion Ratio Lower Upper

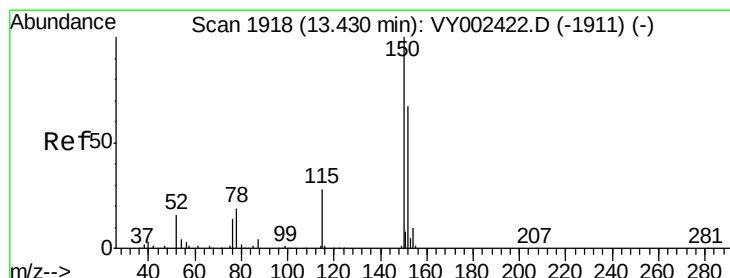
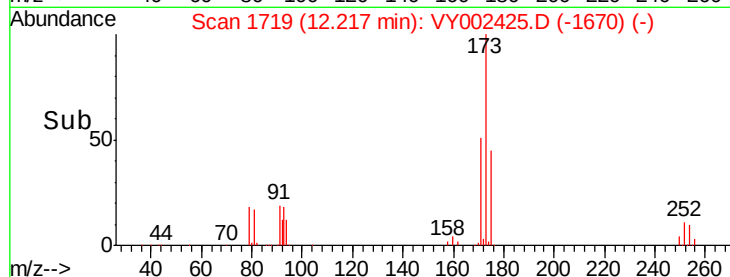
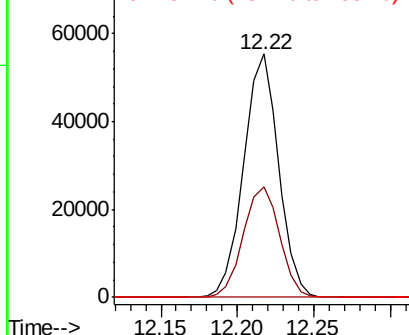
173 100

175 47.4 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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

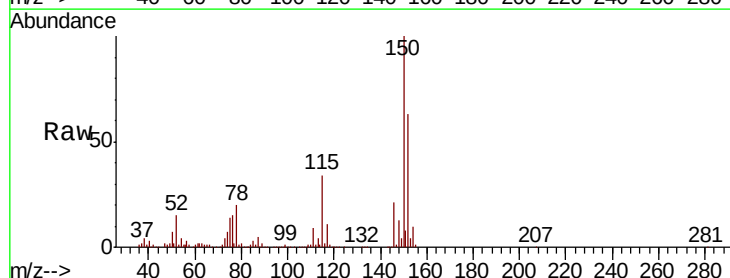
Tgt Ion:152 Resp: 197230

Ion Ratio Lower Upper

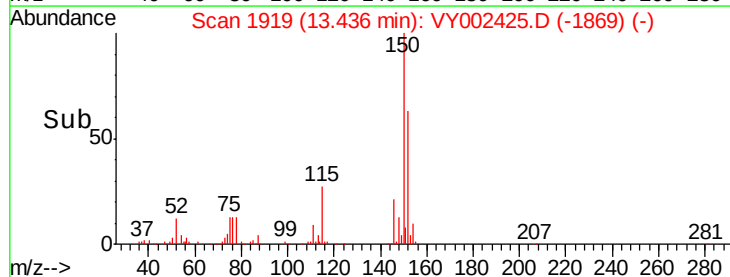
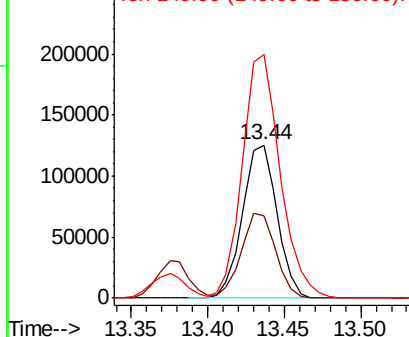
152 100

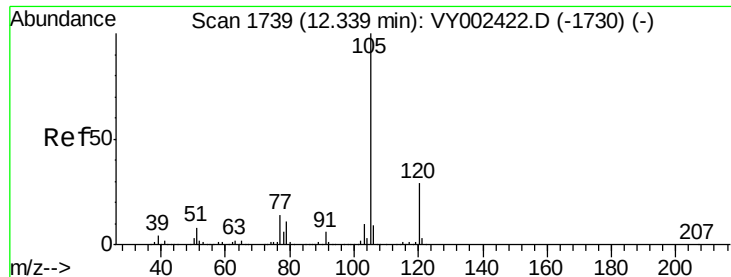
115 55.4 27.3 81.8

150 173.9 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: 51.468 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

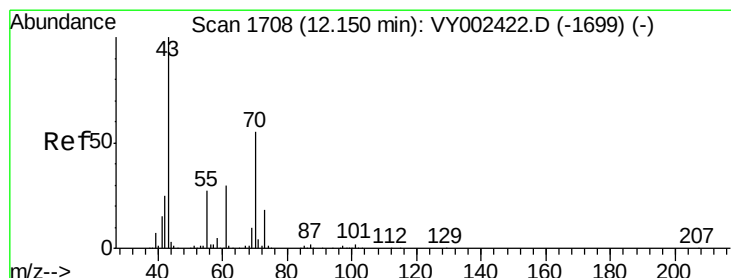
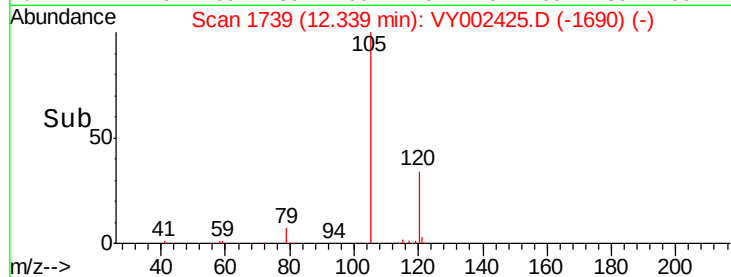
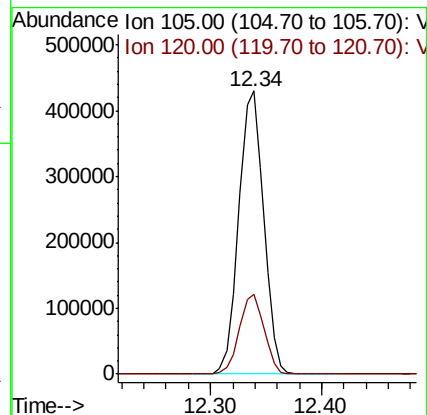
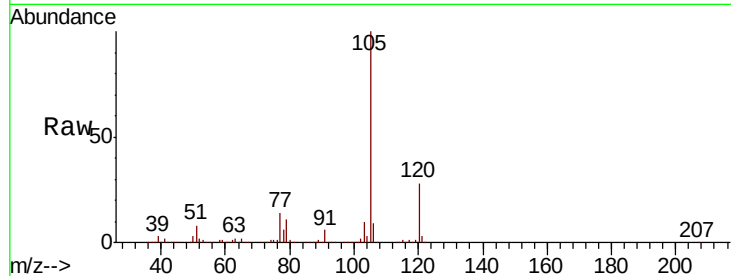
ClientSampleId :

Tot Ion:105 Resp: 666203

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 55.959 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Tgt Ion: 43 Resp: 158329

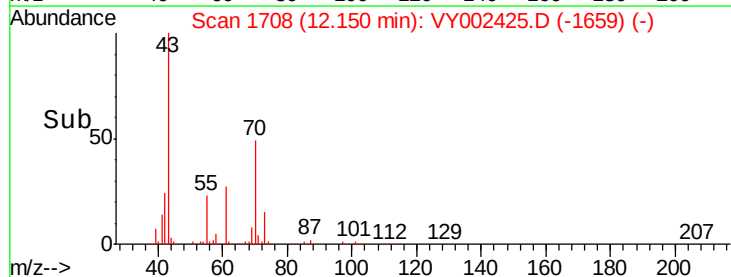
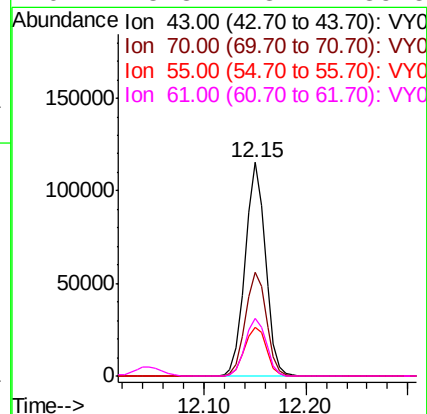
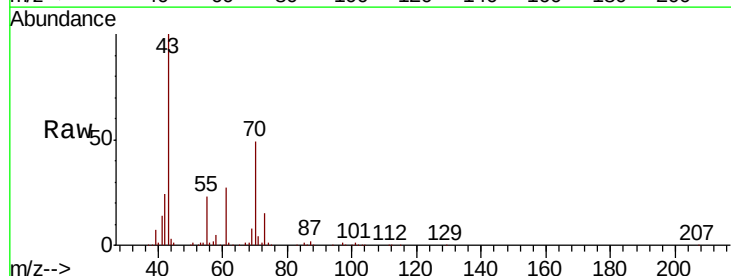
Ion Ratio Lower Upper

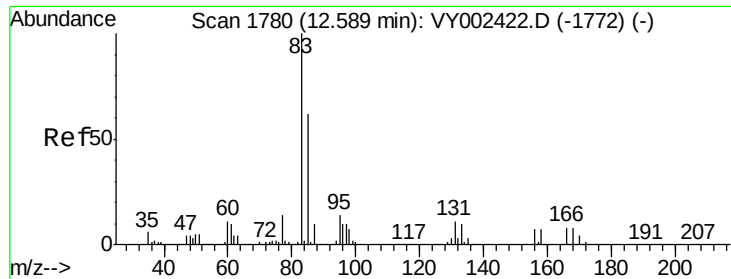
43 100

70 50.3 42.6 63.8

55 24.6 21.0 31.4

61 28.3 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.808 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

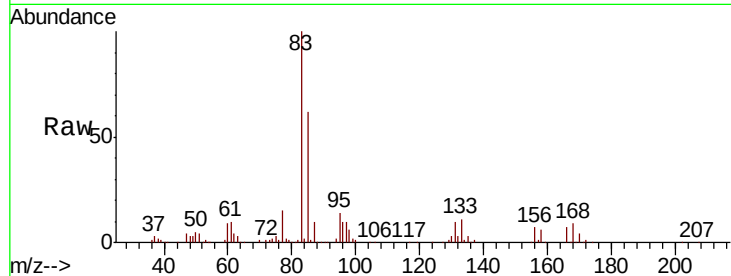
Tot Ion: 83 Resp: 87340

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.6

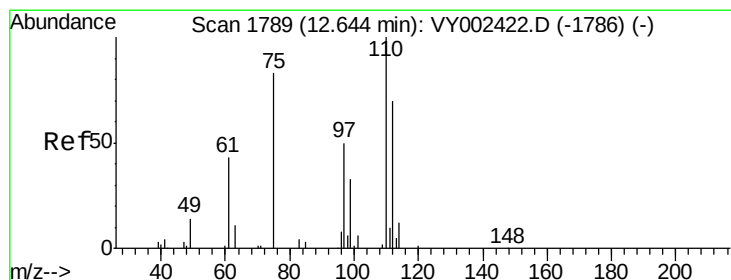
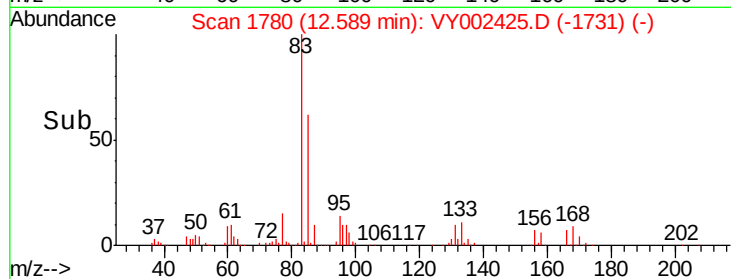
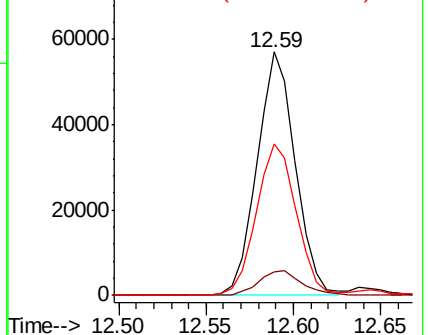
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002425.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002425.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002425.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 95.790 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002425.D

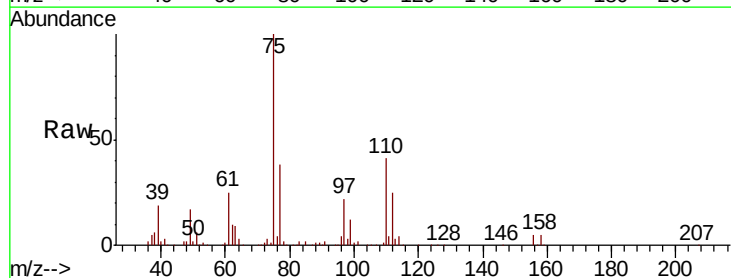
Acq: 20 Apr 2020 16:14

Tgt Ion: 75 Resp: 166441

Ion Ratio Lower Upper

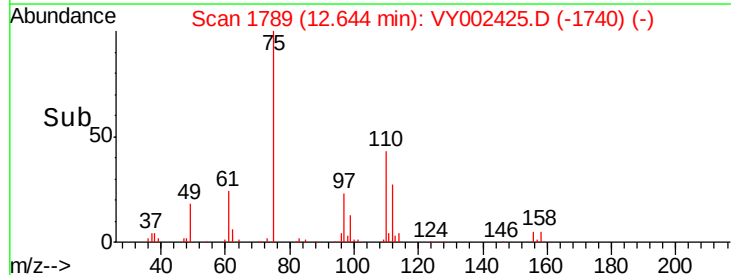
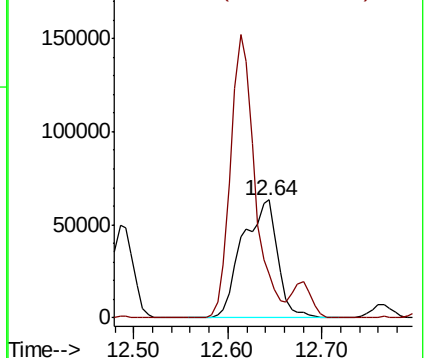
75 100

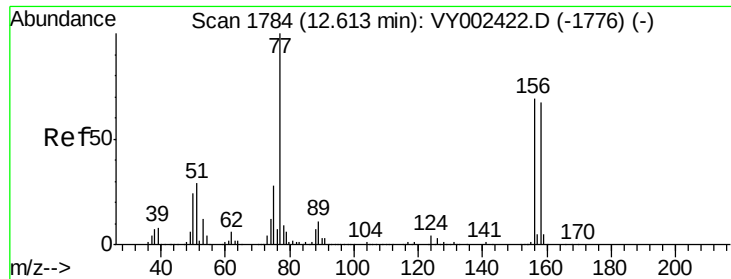
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002425.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY002425.D (-1740) (-)





#77

Bromobenzene

Concen: 49.948 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

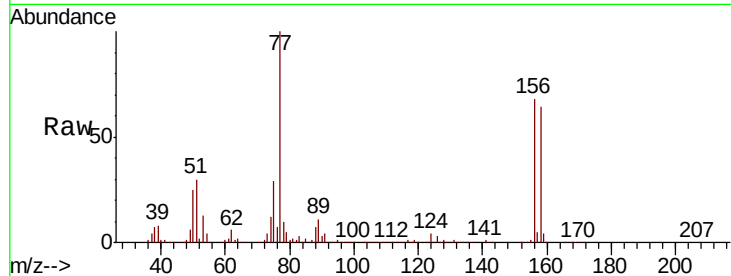
Tot Ion:156 Resp: 162879

Ion Ratio Lower Upper

156 100

77 169.6 80.2 240.6

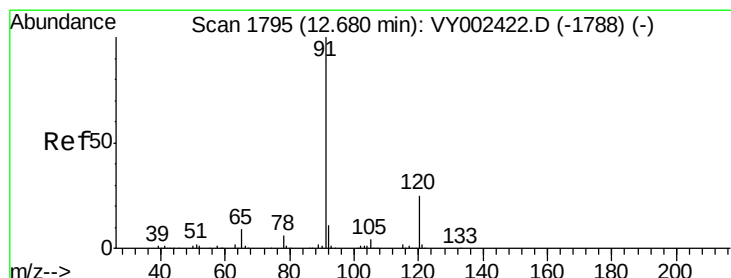
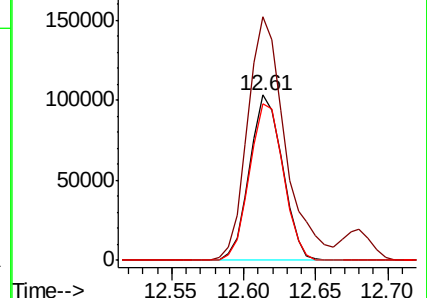
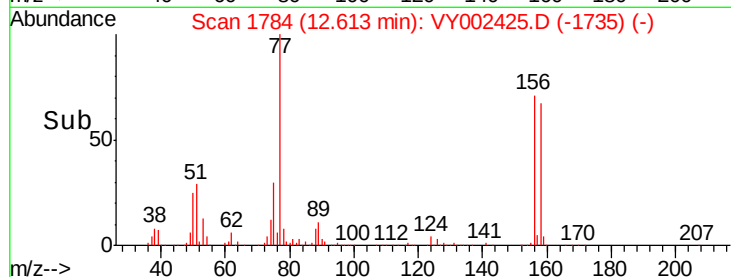
158 97.2 48.4 145.0



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: 51.297 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002425.D

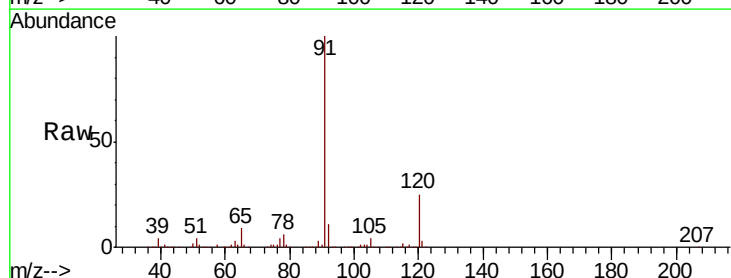
Acq: 20 Apr 2020 16:14

Tgt Ion: 91 Resp: 784317

Ion Ratio Lower Upper

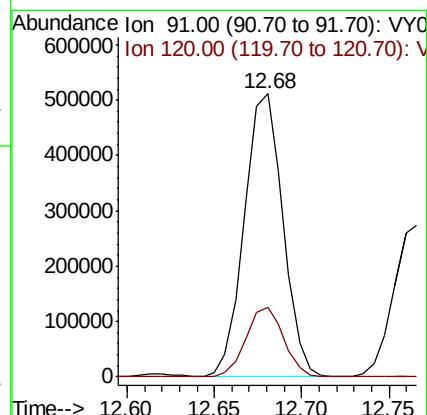
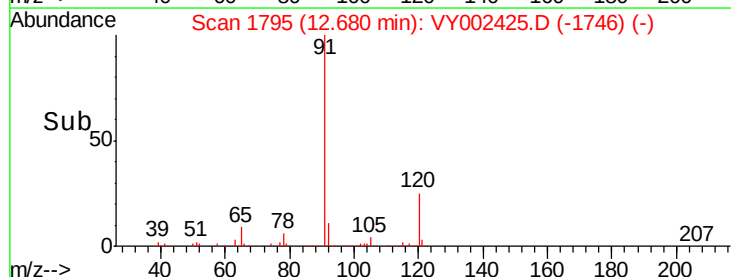
91 100

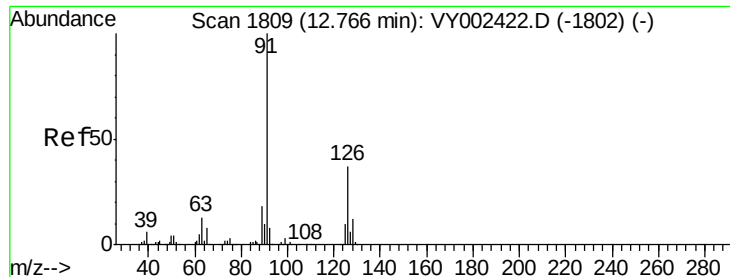
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

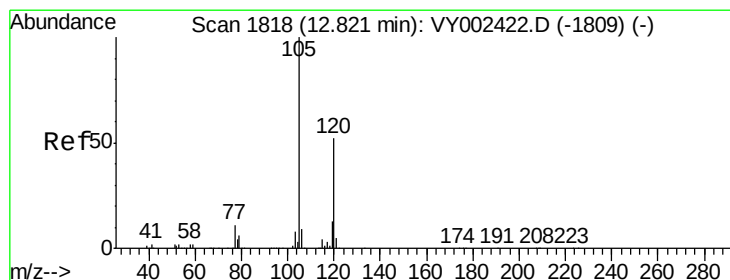
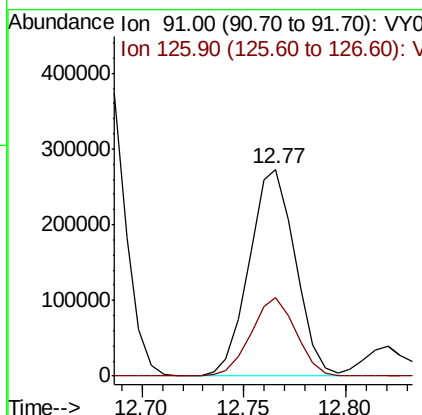
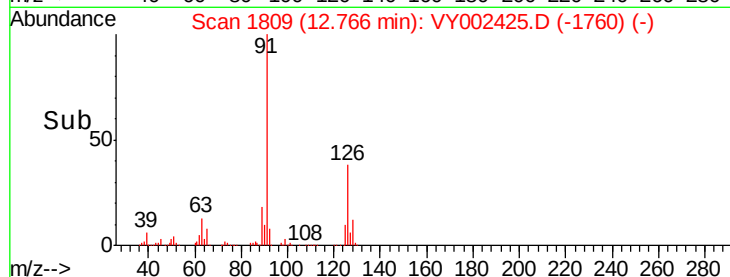
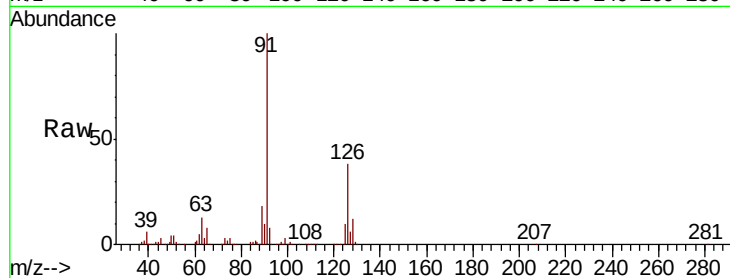




#79
 2-Chlorotoluene
 Concen: 51.571 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

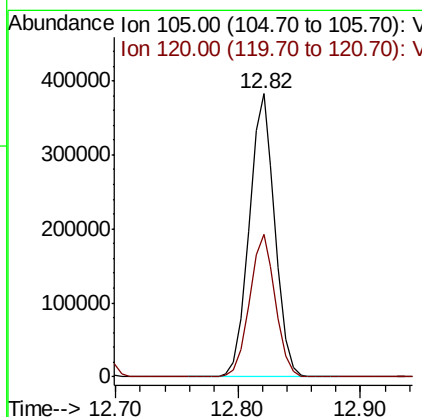
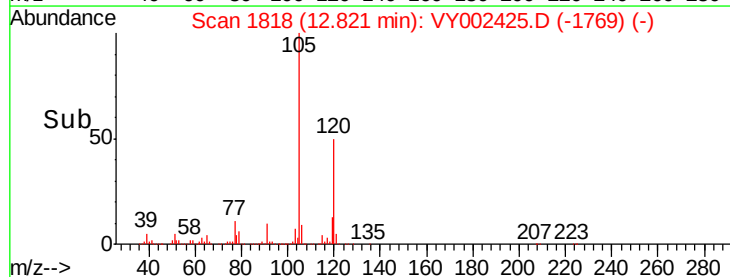
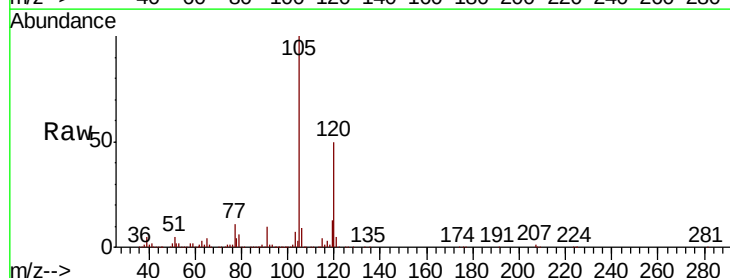
Instrument :
 MSVOA_Y
 ClientSampleId :

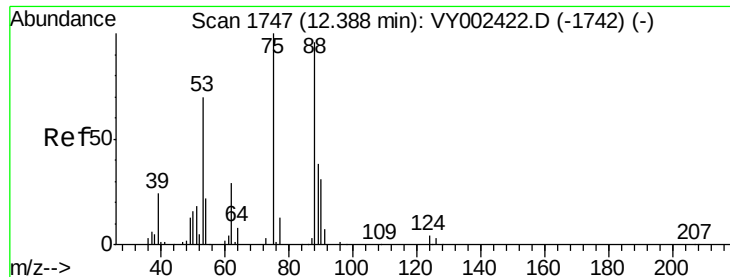
Tot Ion: 91 Resp: 430517
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.8 56.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.826 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion: 105 Resp: 553128
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.993 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

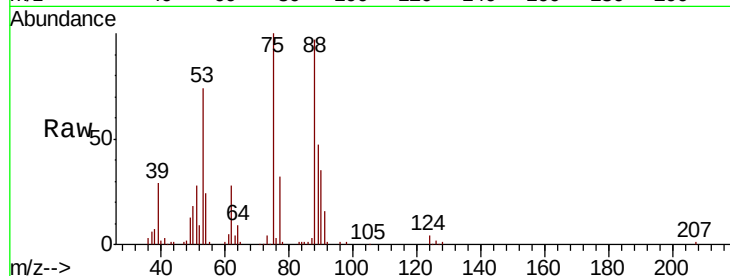
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 47246

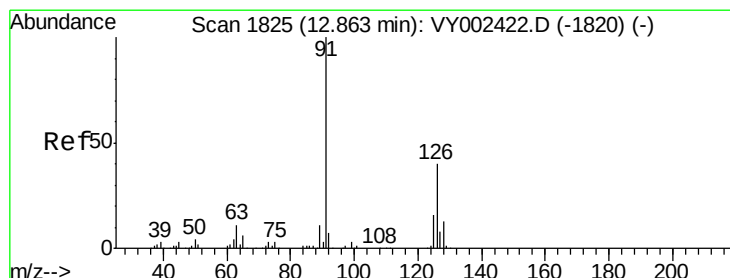
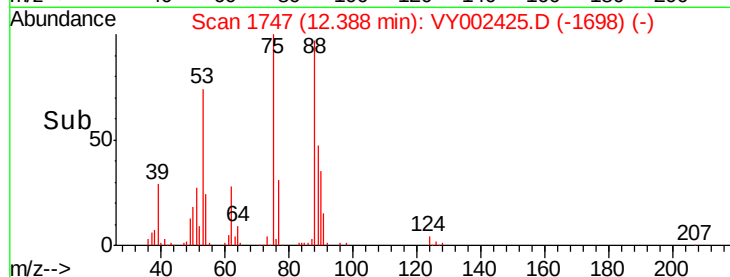
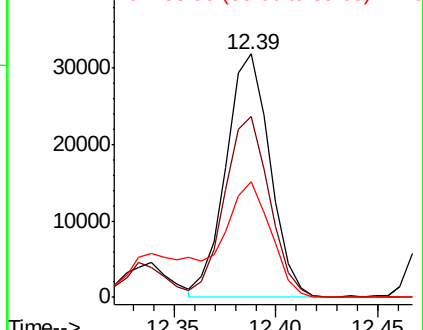
Ion	Ratio	Lower	Upper
75	100		
53	76.5	58.7	88.1
89	49.3	37.9	56.9



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: 51.795 ug/l

RT: 12.86 min Scan# 1825

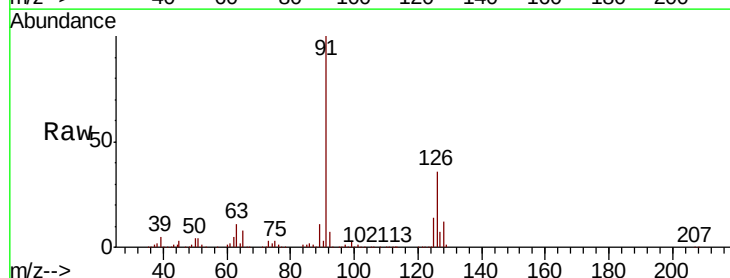
Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

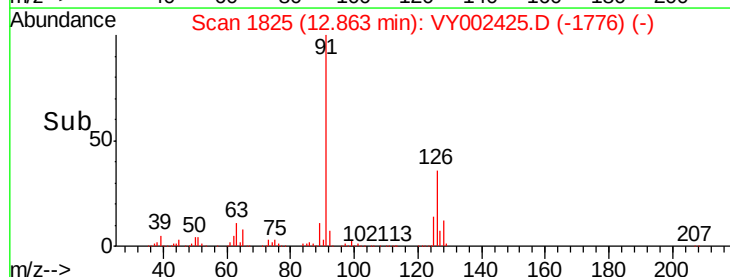
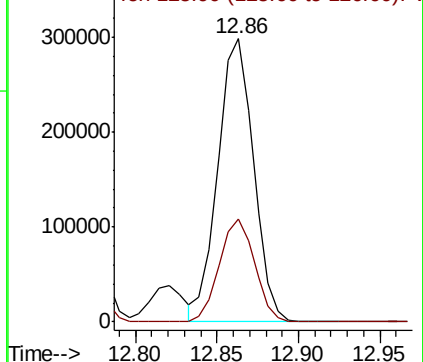
Tgt Ion: 91 Resp: 454457

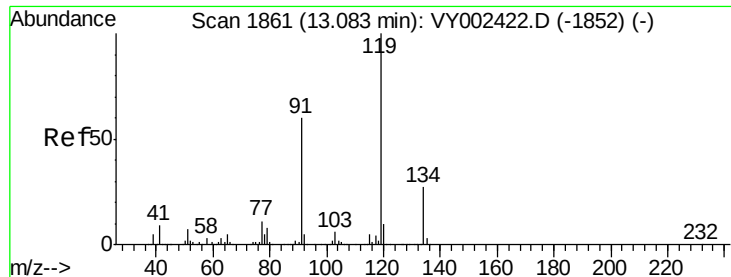
Ion	Ratio	Lower	Upper
91	100		
126	36.3	0.0	0.0#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

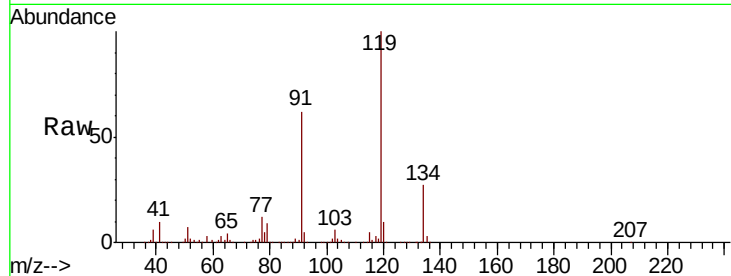




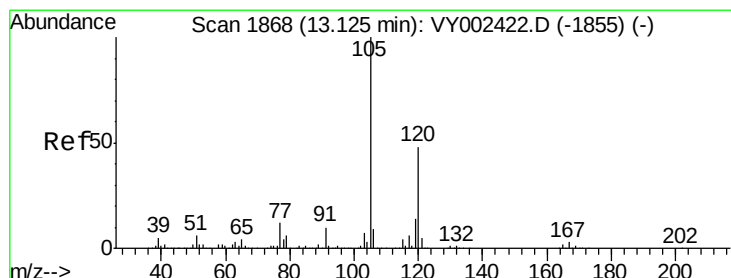
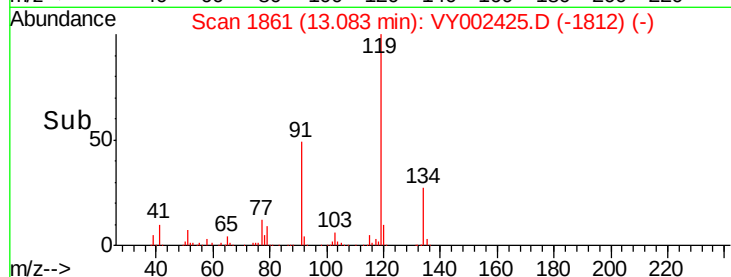
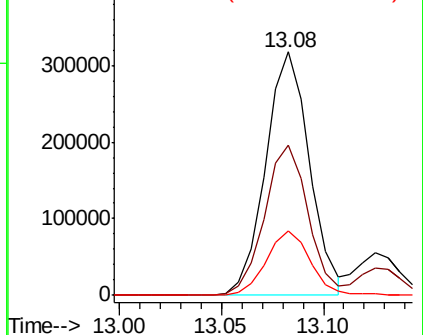
#83
 tert-Butylbenzene
 Concen: 51.346 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 475761
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.2 90.6
 134 26.7 13.3 39.9

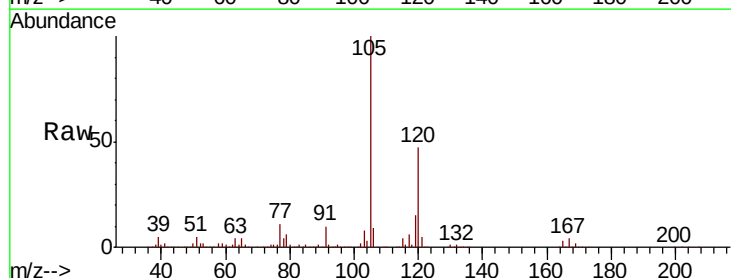


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

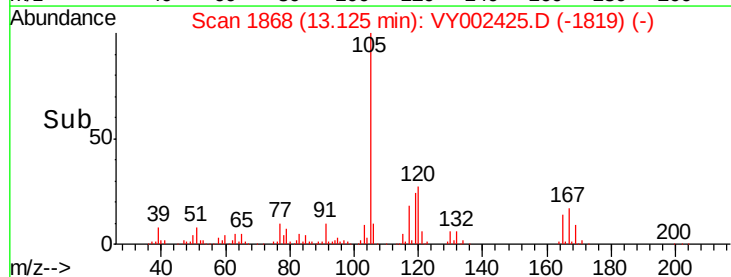
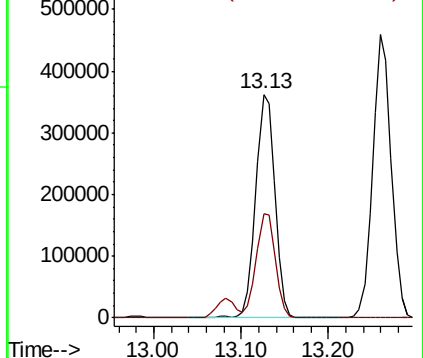


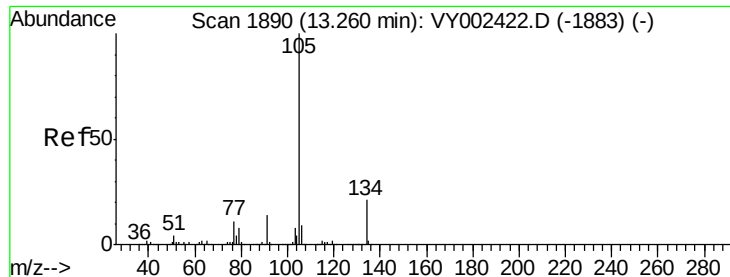
#84
 1,2,4-Trimethylbenzene
 Concen: 51.501 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion:105 Resp: 550642
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.371 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

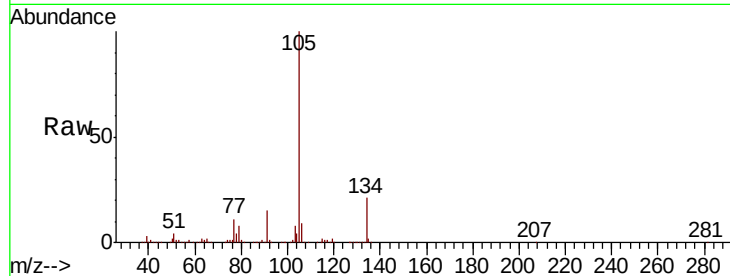
ClientSampleId :

Tot Ion:105 Resp: 677271

Ion Ratio Lower Upper

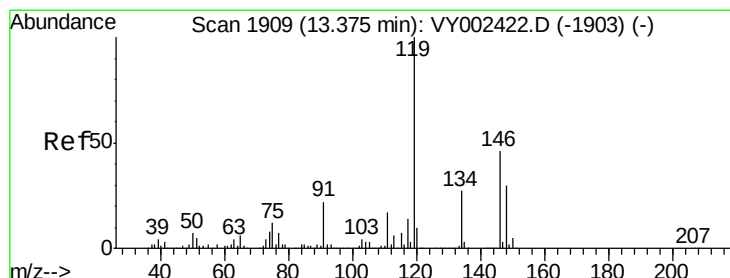
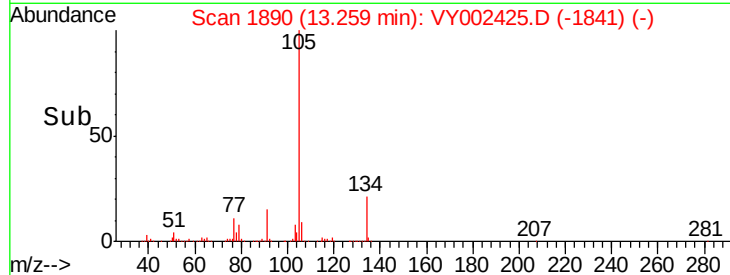
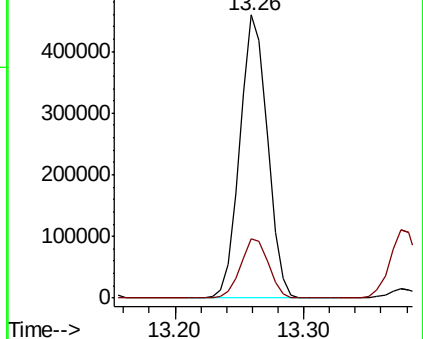
105 100

134 21.3 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: 50.997 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

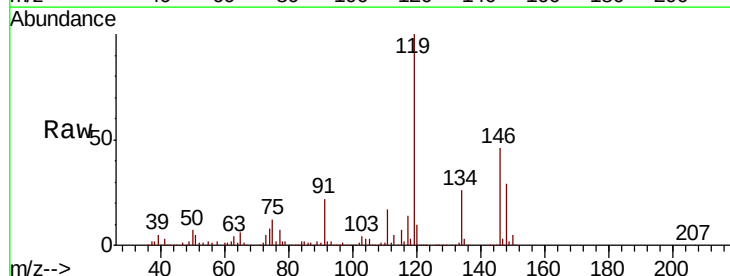
Tgt Ion:119 Resp: 609793

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

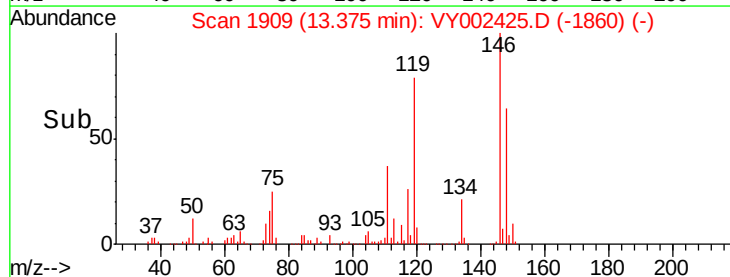
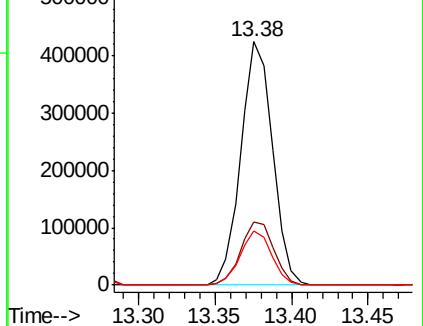
91 21.9 10.7 32.1

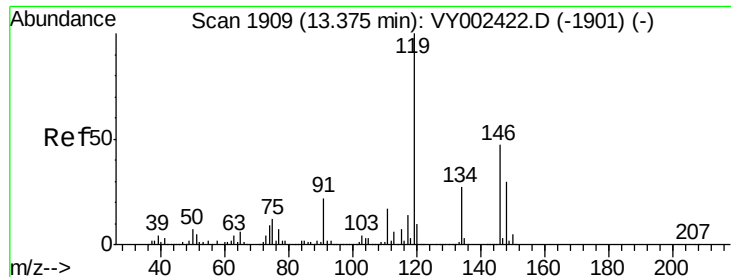


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.319 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampled :

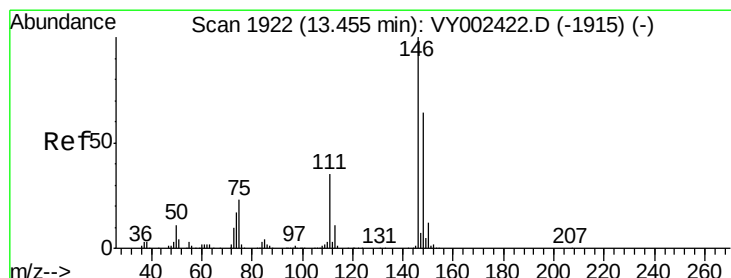
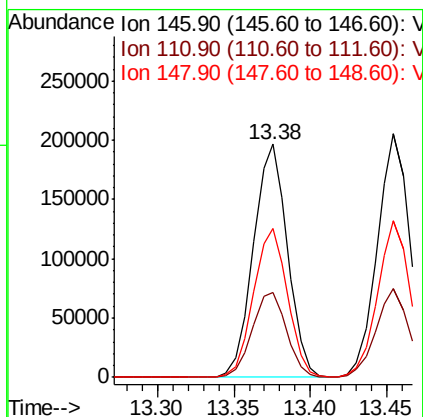
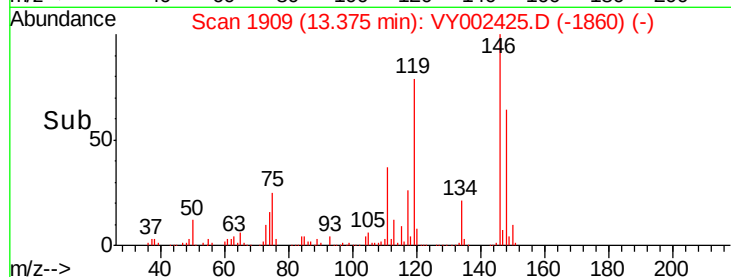
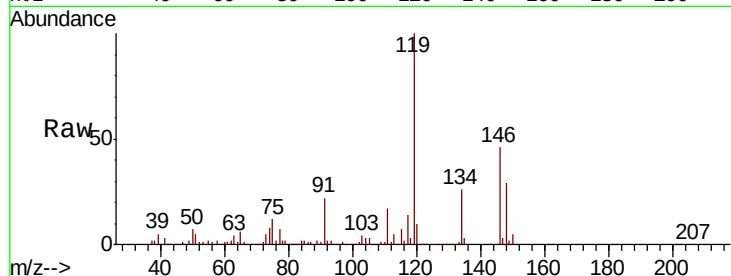
Tot Ion:146 Resp: 305225

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.8

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.505 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

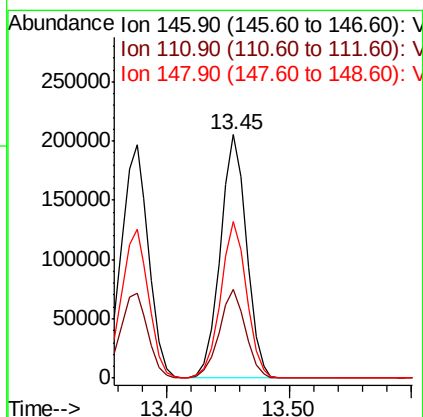
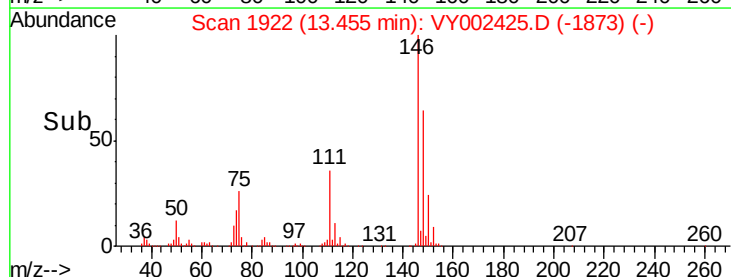
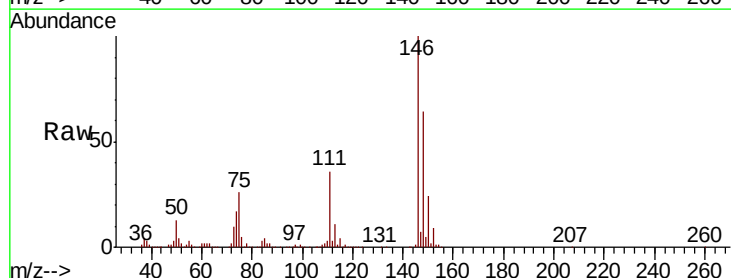
Tgt Ion:146 Resp: 303941

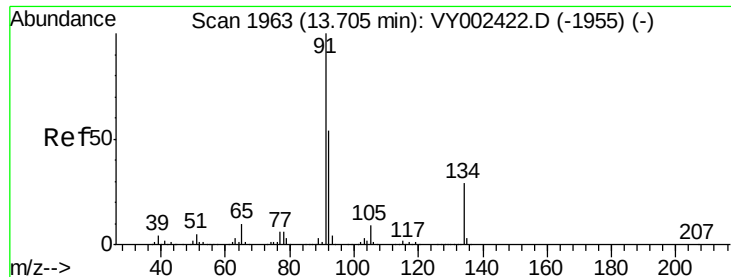
Ion Ratio Lower Upper

146 100

111 36.6 17.9 53.8

148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 52.043 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002425.D

Acq: 20 Apr 2020 16:14

Instrument :

MSVOA_Y

ClientSampled :

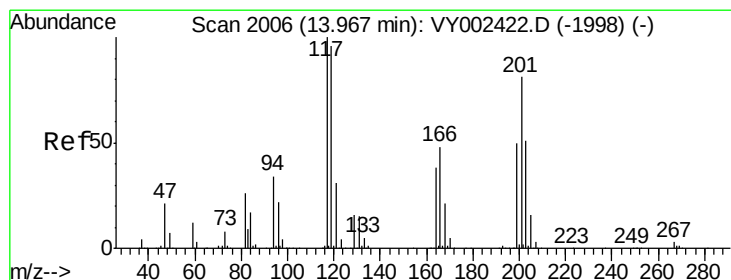
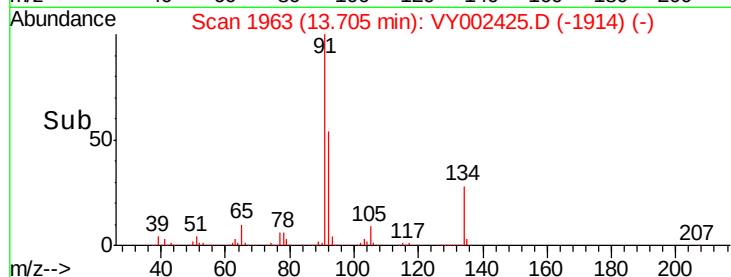
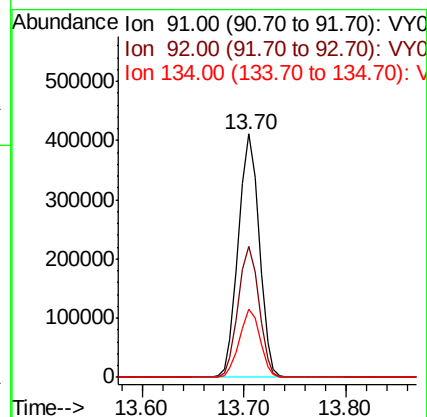
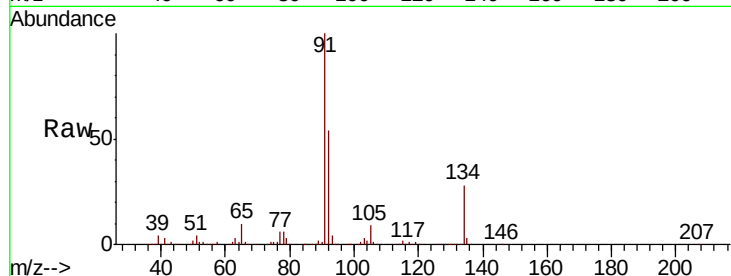
Tot Ion: 91 Resp: 580187

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.4

134 27.7 14.4 43.2



#90

Hexachloroethane

Concen: 51.591 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002425.D

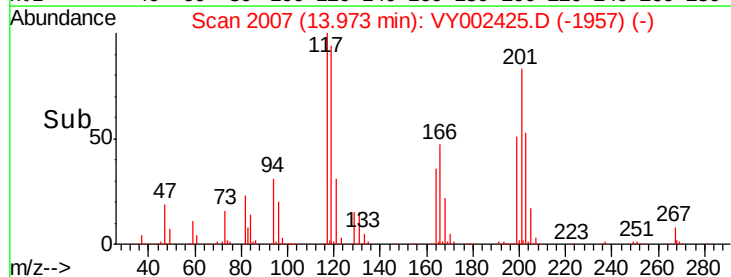
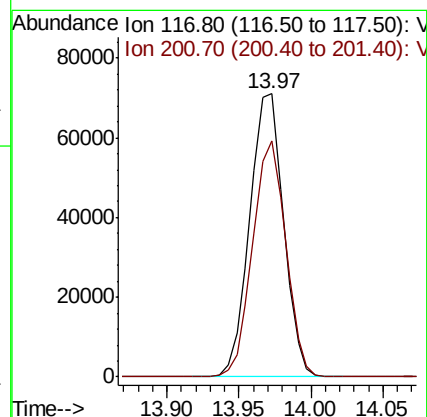
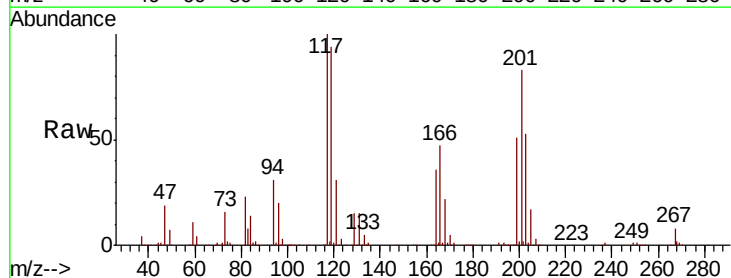
Acq: 20 Apr 2020 16:14

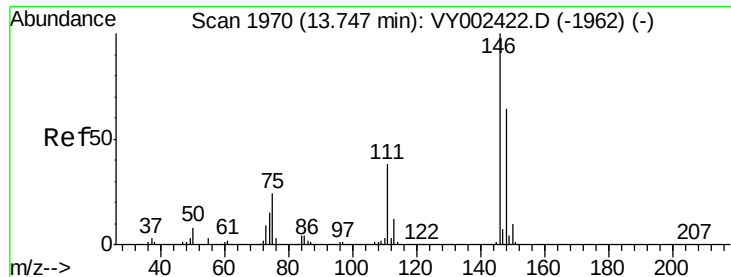
Tgt Ion: 117 Resp: 115659

Ion Ratio Lower Upper

117 100

201 81.5 42.5 127.5

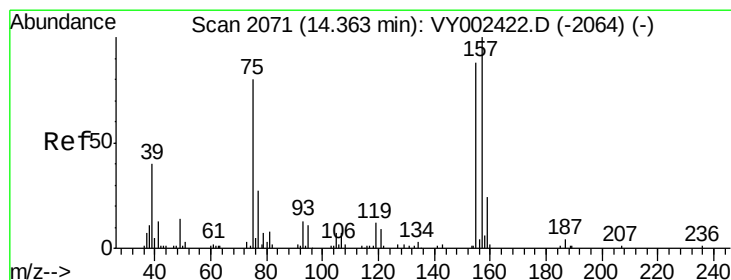
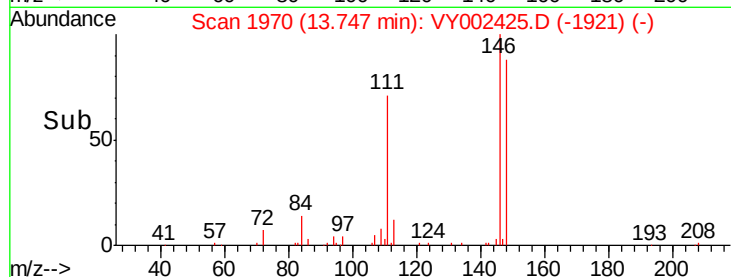
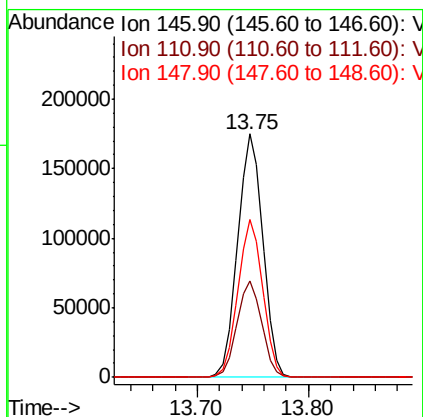
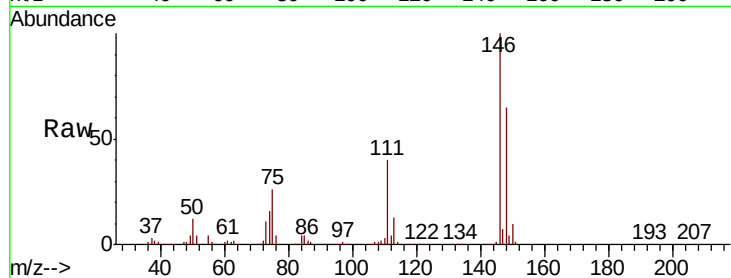




#91
 1,2-Dichlorobenzene
 Concen: 49.433 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

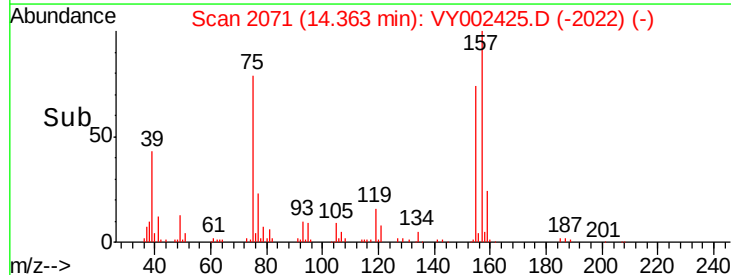
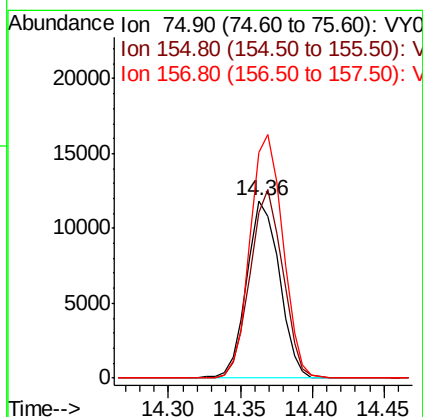
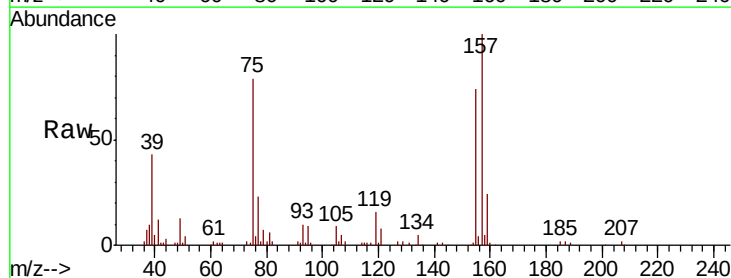
Instrument :
 MSVOA_Y
 ClientSampleId :

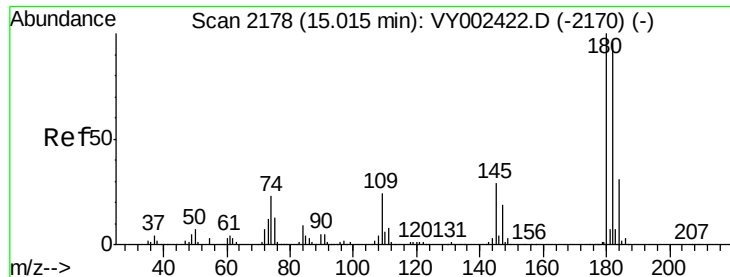
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.5
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.990 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.2	56.1	168.3
157	137.8	71.5	214.5

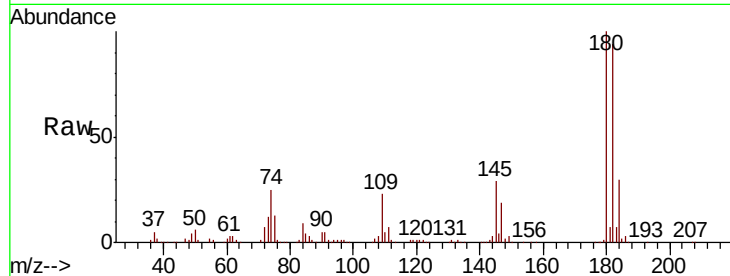




#93
 1,2,4-Trichlorobenzene
 Concen: 49.273 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	29.2	14.5	43.6

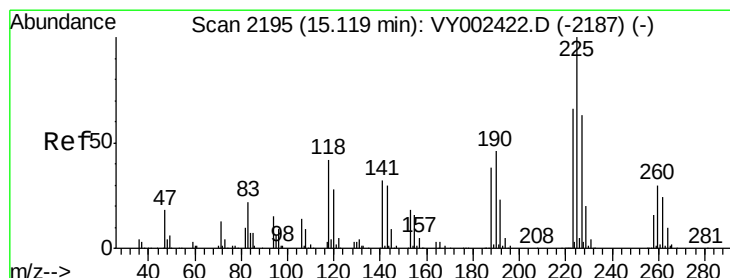
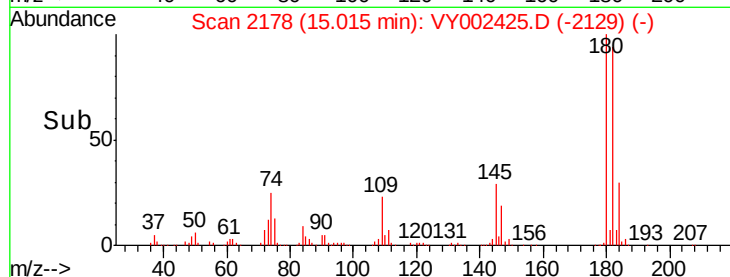
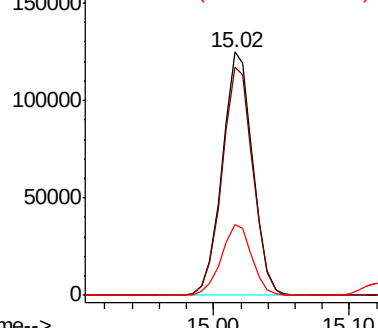


Abundance

Ion 179.80 (179.50 to 180.50): V

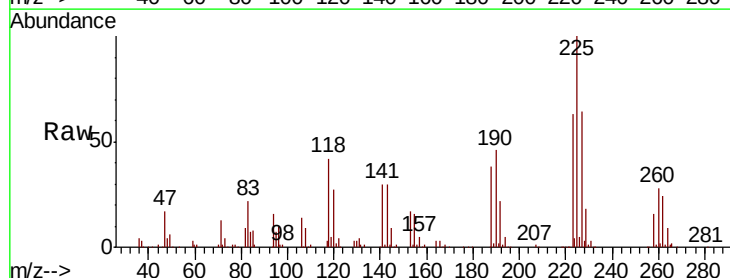
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.234 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002425.D
 Acq: 20 Apr 2020 16:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.0	96.0
227	64.0	31.6	95.0

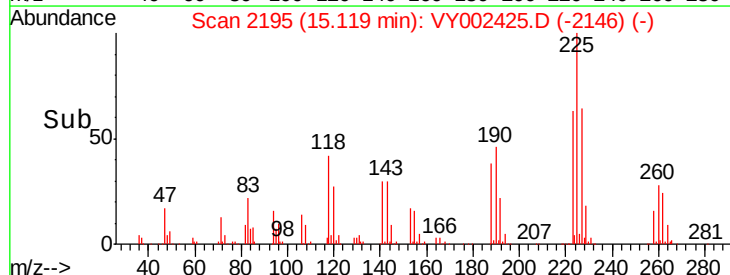
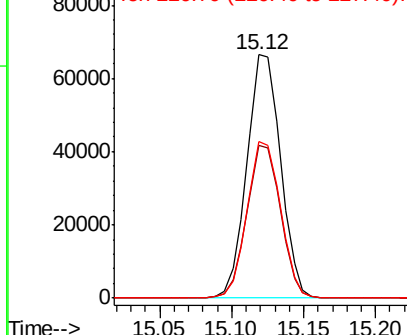


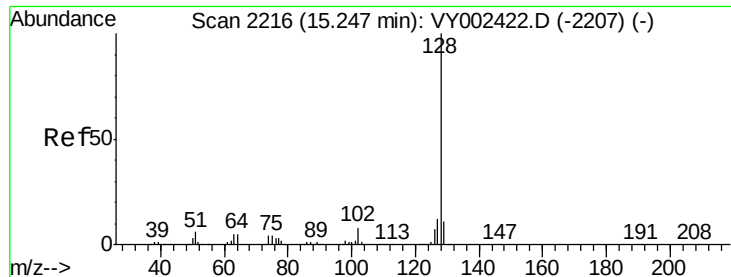
Abundance

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

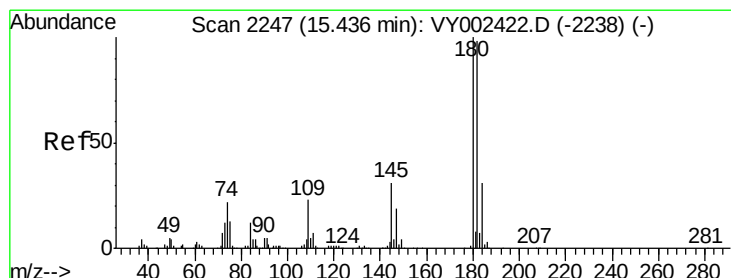
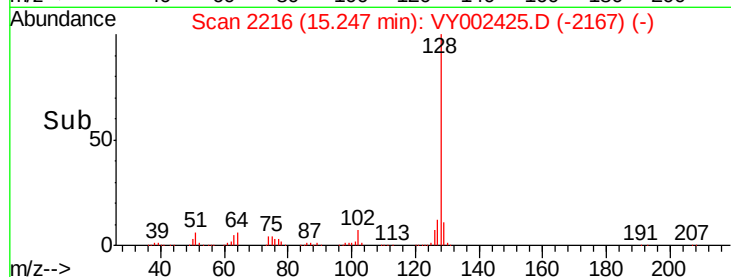
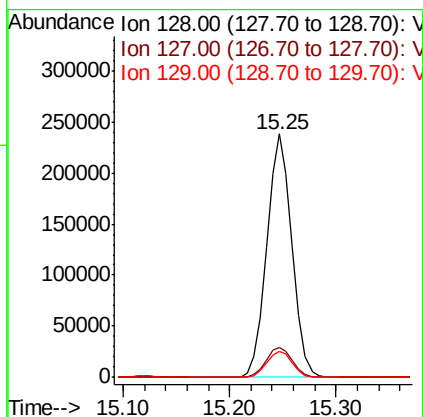
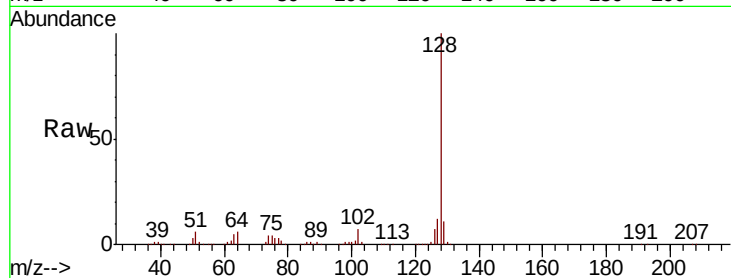




#95
Naphthalene
Concen: 50.567 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 389880
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 48.562 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002425.D
Acq: 20 Apr 2020 16:14

Tgt Ion:180 Resp: 167670
Ion Ratio Lower Upper
180 100
182 95.0 47.2 141.6
145 31.2 14.8 44.4

