

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002416.D
 Acq On : 17 Apr 2020 21:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:41:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	136943	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	262128	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	240129	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	107004	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	67835	44.54	ug/l	0.01
Spiked Amount			Recovery	=	89.08%	
35) Dibromofluoromethane	7.75	113	74972	48.07	ug/l	0.01
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.20	98	297480	45.57	ug/l	0.01
Spiked Amount			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.50	95	98867	45.90	ug/l	0.01
Spiked Amount			Recovery	=	91.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	59544	43.022	ug/l	96
3) Chloromethane	2.12	50	77069	44.245	ug/l	99
4) Vinyl Chloride	2.26	62	79667	42.970	ug/l	99
5) Bromomethane	2.66	94	54323	47.447	ug/l	100
6) Chloroethane	2.81	64	49465	46.261	ug/l	98
7) Trichlorofluoromethane	3.15	101	111323	46.494	ug/l	96
8) Diethyl Ether	3.55	74	56759	55.761	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.92	101	80532	49.514	ug/l	98
10) Methyl Iodide	4.11	142	98016	51.845	ug/l	96
11) Tert butyl alcohol	4.99	59	41717	258.256	ug/l	97
12) 1,1-Dichloroethene	3.90	96	82499	49.892	ug/l	85
13) Acrolein	3.75	56	41651	212.117	ug/l	96
14) Allyl chloride	4.51	41	106289	39.806	ug/l #	92
15) Acrylonitrile	5.20	53	133739	256.928	ug/l	99
16) Acetone	3.97	43	82590	205.905	ug/l	93
17) Carbon Disulfide	4.22	76	254822	46.402	ug/l	100
18) Methyl Acetate	4.50	43	58151	46.740	ug/l #	89
19) Methyl tert-butyl Ether	5.25	73	228476	52.558	ug/l	98
20) Methylene Chloride	4.75	84	105162	53.341	ug/l	89
21) trans-1,2-Dichloroethene	5.25	96	93386	50.315	ug/l	94
22) Diisopropyl ether	6.14	45	235436	43.813	ug/l	93
23) Vinyl Acetate	6.10	43	756602	220.944	ug/l #	92
24) 1,1-Dichloroethane	6.05	63	147206	48.162	ug/l	99
25) 2-Butanone	7.02	43	138079	217.526	ug/l #	86
26) 2,2-Dichloropropane	7.02	77	104004	40.678	ug/l	95
27) cis-1,2-Dichloroethene	7.02	96	108799	53.775	ug/l	89
28) Bromochloromethane	7.36	49	57684	43.719	ug/l #	78
29) Tetrahydrofuran	7.38	42	93385	222.558	ug/l #	83
30) Chloroform	7.53	83	145986	50.669	ug/l	99
31) Cyclohexane	7.81	56	127622	39.778	ug/l	87
32) 1,1,1-Trichloroethane	7.73	97	115714	48.252	ug/l	97
36) 1,1-Dichloropropene	7.94	75	109752	42.508	ug/l	95
37) Ethyl Acetate	7.11	43	61793	41.893	ug/l #	94
38) Carbon Tetrachloride	7.92	117	98051	44.397	ug/l	99

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

39) Methylcyclohexane	9.21	83	151576	43.157	ug/l	90
40) Benzene	8.19	78	375173	47.893	ug/l	100
41) Methacrylonitrile	7.38	41	80493	92.508	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	86769	44.715	ug/l	94
43) Isopropyl Acetate	8.30	43	109628	40.753	ug/l #	90
44) Trichloroethene	8.96	130	113065	49.093	ug/l	89
45) 1,2-Dichloropropane	9.24	63	89845	46.225	ug/l	98
46) Dibromomethane	9.33	93	50965	50.150	ug/l	96
47) Bromodichloromethane	9.52	83	113582	48.710	ug/l	98
48) Methyl methacrylate	9.31	41	48449	40.166	ug/l #	80
49) 1,4-Dioxane	9.31	88	15944	1109.116	ug/l #	89
51) 4-Methyl-2-Pentanone	10.09	43	298815	213.173	ug/l	91
52) Toluene	10.26	92	228941	48.495	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	122370	48.165	ug/l	96
54) cis-1,3-Dichloropropene	9.95	75	147367	48.247	ug/l	93
55) 1,1,2-Trichloroethane	10.66	97	79335	53.322	ug/l	97
56) Ethyl methacrylate	10.53	69	107246	50.504	ug/l	87
57) 1,3-Dichloropropane	10.81	76	131083	50.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	286870	260.873	ug/l	95
59) 2-Hexanone	10.85	43	207296	213.080	ug/l	88
60) Dibromochloromethane	11.00	129	84962	53.554	ug/l	99
61) 1,2-Dibromoethane	11.11	107	74833	52.832	ug/l	100
64) Tetrachloroethene	10.74	164	119085	49.051	ug/l	97
65) Chlorobenzene	11.53	112	248611	49.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	83809	50.854	ug/l	97
67) Ethyl Benzene	11.61	91	423989	46.399	ug/l	99
68) m/p-Xylenes	11.72	106	324971	94.949	ug/l	96
69) o-Xylene	12.04	106	158600	49.358	ug/l	94
70) Styrene	12.06	104	276927	49.675	ug/l	97
71) Bromoform	12.22	173	49049	54.729	ug/l #	99
73) Isopropylbenzene	12.34	105	399577	47.533	ug/l	99
74) N-amyl acetate	12.16	43	99824	41.833	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.59	83	54644	53.727	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	111029	89.356	ug/l #	100
77) Bromobenzene	12.63	156	94843	51.281	ug/l	94
78) n-propylbenzene	12.69	91	480543	45.963	ug/l	98
79) 2-Chlorotoluene	12.77	91	269629	47.455	ug/l	97
80) 1,3,5-Trimethylbenzene	12.83	105	328386	47.234	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	30934	48.421	ug/l	96
82) 4-Chlorotoluene	12.87	91	273848	45.985	ug/l	97
83) tert-Butylbenzene	13.09	119	274137	47.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	331780	47.791	ug/l	99
85) sec-Butylbenzene	13.27	105	402877	46.441	ug/l	99
86) p-Isopropyltoluene	13.38	119	349504	46.811	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	177936	49.643	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	177109	48.678	ug/l	100
89) n-Butylbenzene	13.70	91	335012	43.774	ug/l	100
90) Hexachloroethane	13.97	117	68339	48.033	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	164146	50.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12187	49.544	ug/l	86

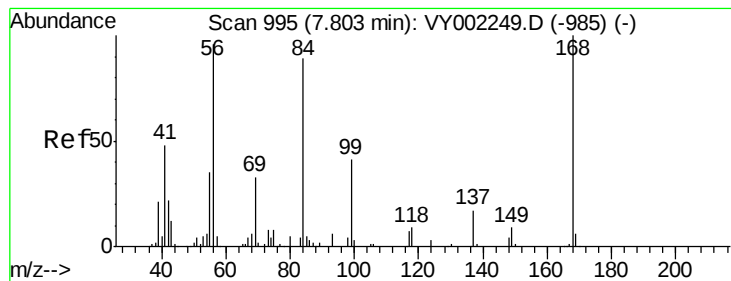
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	99631	46.801	ug/l	99
94) Hexachlorobutadiene	15.12	225	49928	46.565	ug/l	99
95) Naphthalene	15.25	128	248282	53.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	89242	48.278	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

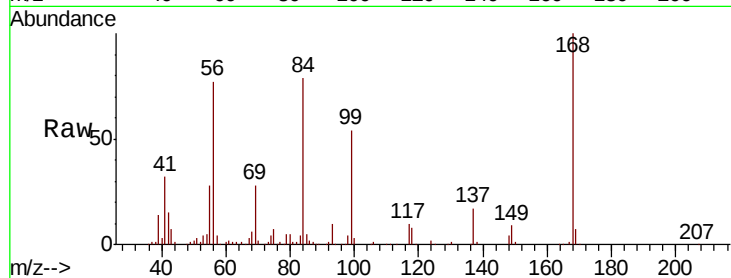
ClientSampleId :

Tot Ion:168 Resp: 136943

Ion Ratio Lower Upper

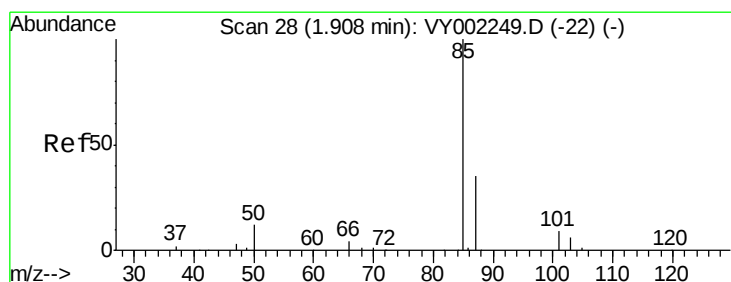
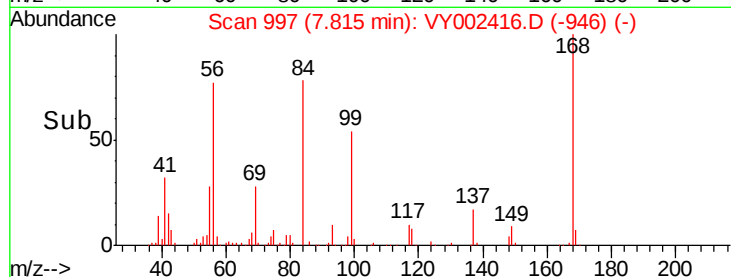
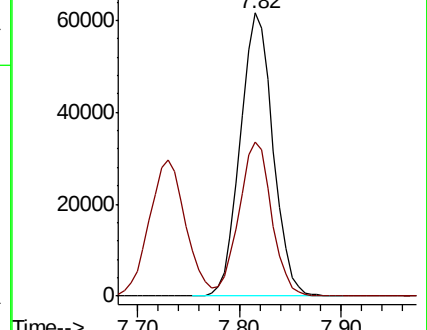
168 100

99 54.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 43.022 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002416.D

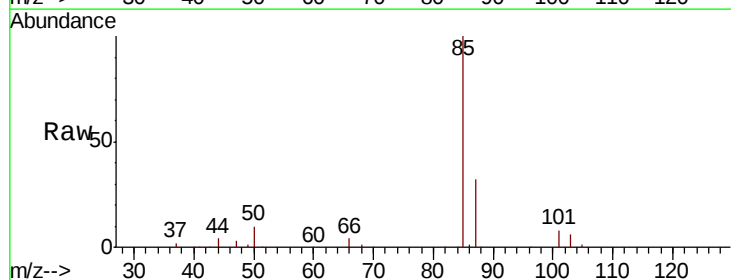
Acq: 17 Apr 2020 21:31

Tgt Ion: 85 Resp: 59544

Ion Ratio Lower Upper

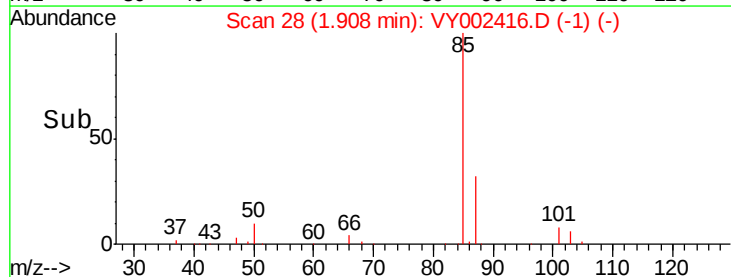
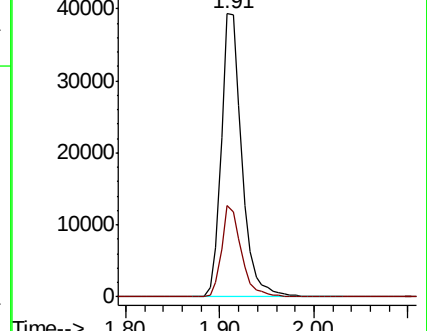
85 100

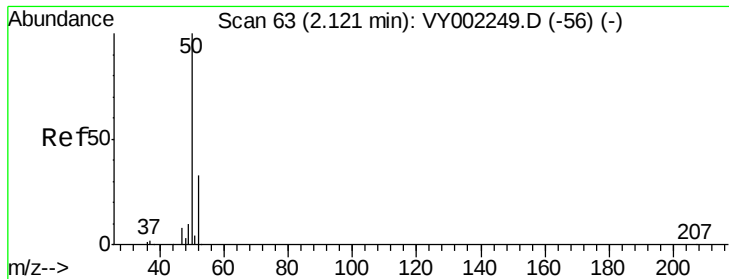
87 32.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 44.245 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

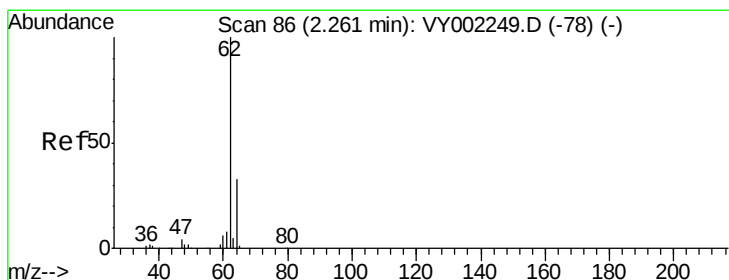
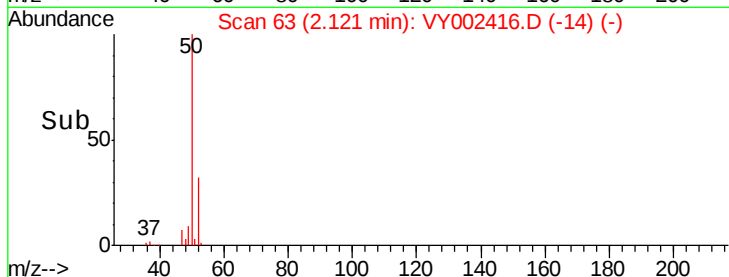
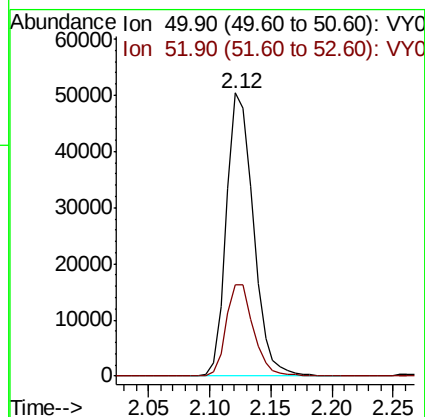
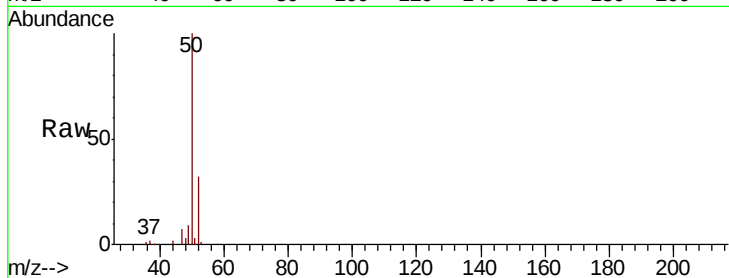
ClientSampled :

Tot Ion: 50 Resp: 77069

Ion Ratio Lower Upper

50 100

52 32.4 26.6 39.8



#4

Vinyl Chloride

Concen: 42.970 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002416.D

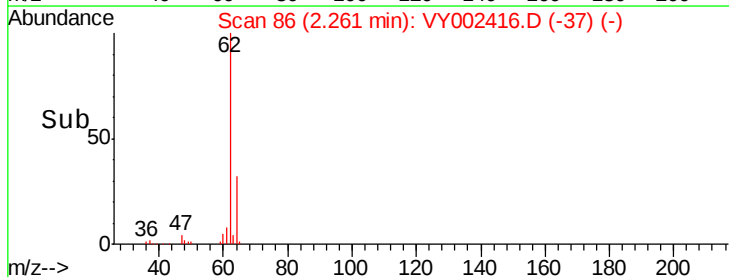
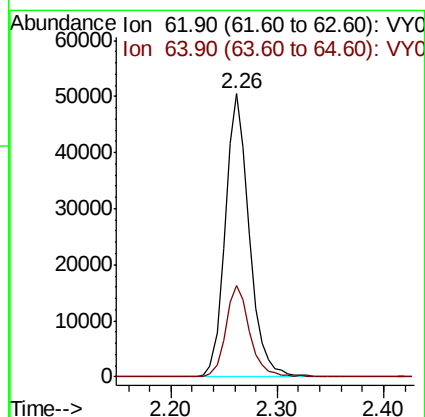
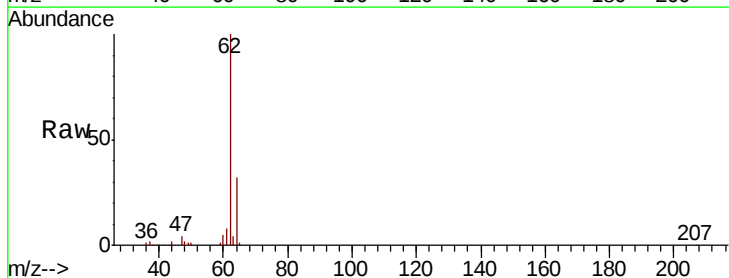
Acq: 17 Apr 2020 21:31

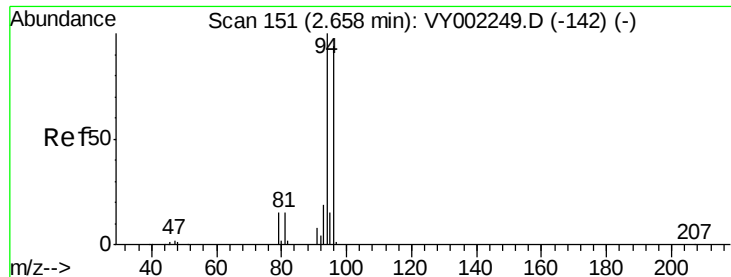
Tgt Ion: 62 Resp: 79667

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





#5

Bromomethane

Concen: 47.447 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

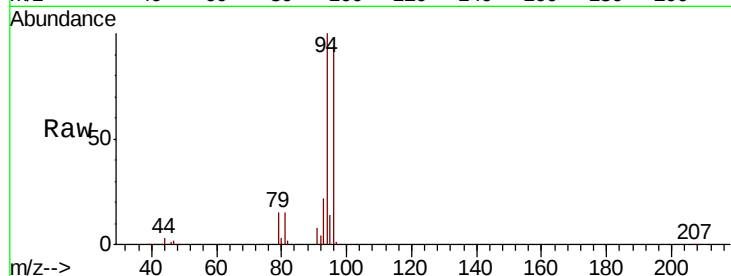
ClientSampleId :

Tot Ion: 94 Resp: 54323

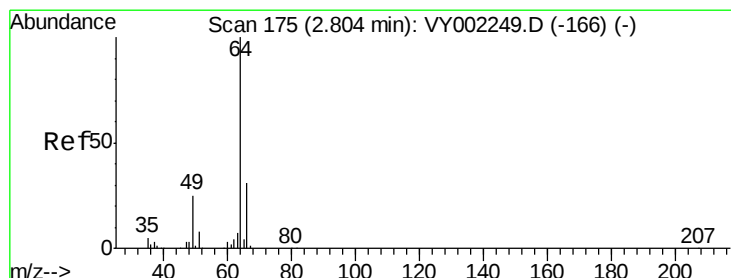
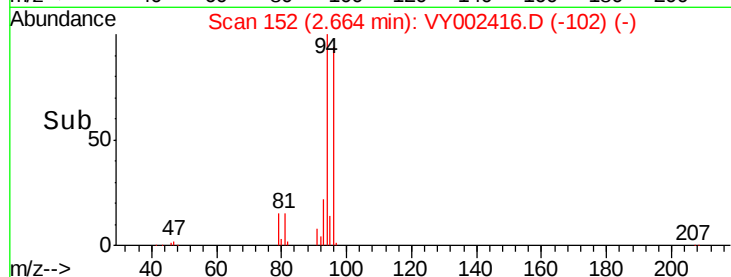
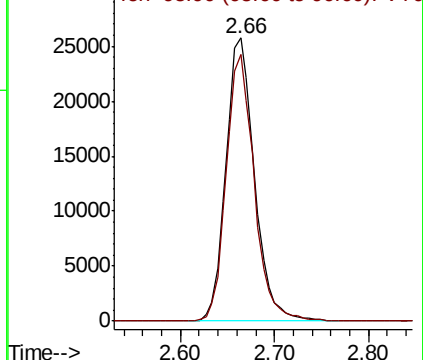
Ion Ratio Lower Upper

94 100

96 94.1 75.6 113.4



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



#6

Chloroethane

Concen: 46.261 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002416.D

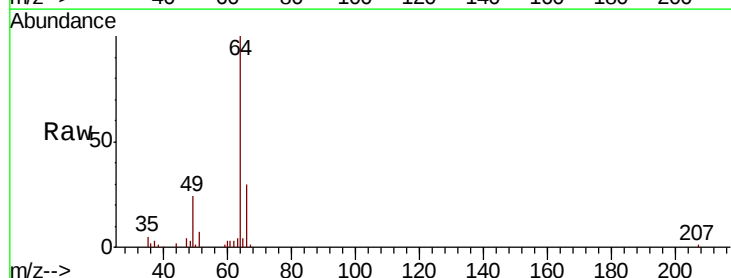
Acq: 17 Apr 2020 21:31

Tgt Ion: 64 Resp: 49465

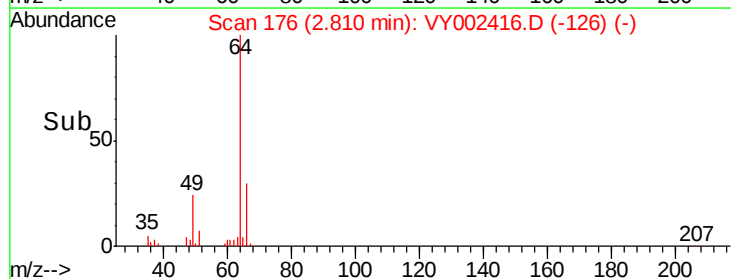
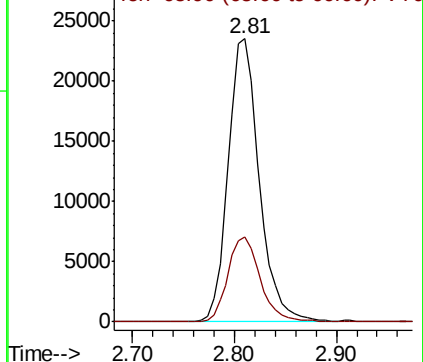
Ion Ratio Lower Upper

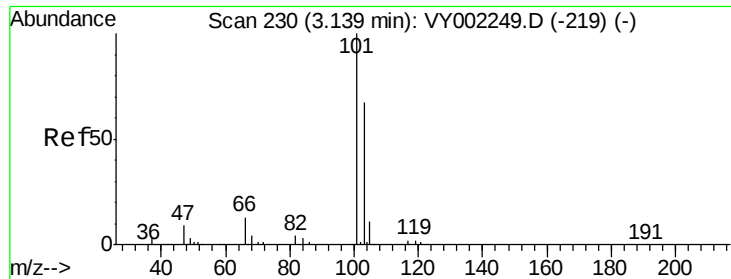
64 100

66 29.8 24.6 37.0



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



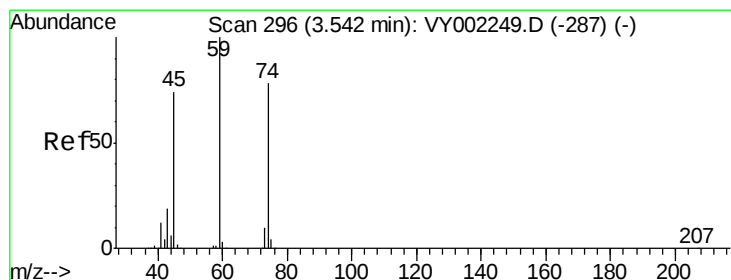
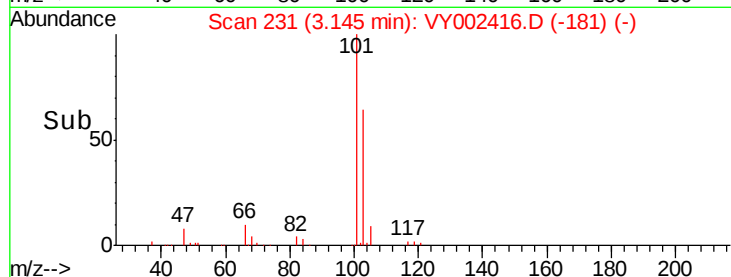
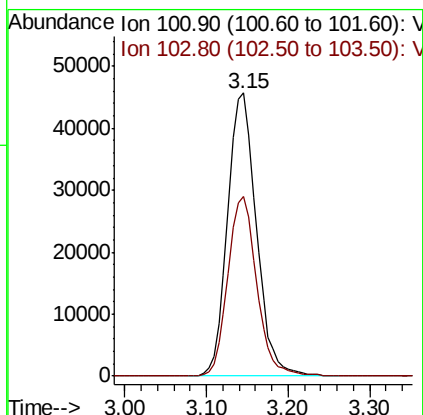
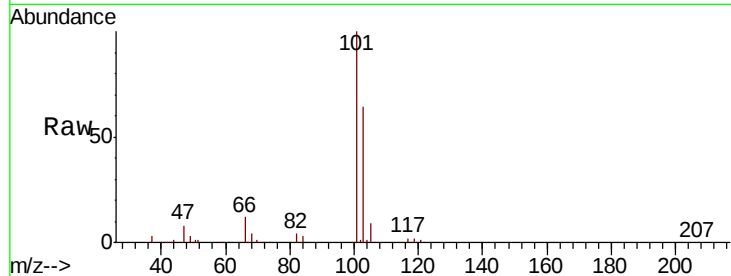


#7

Trichlorofluoromethane
 Concen: 46.494 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :

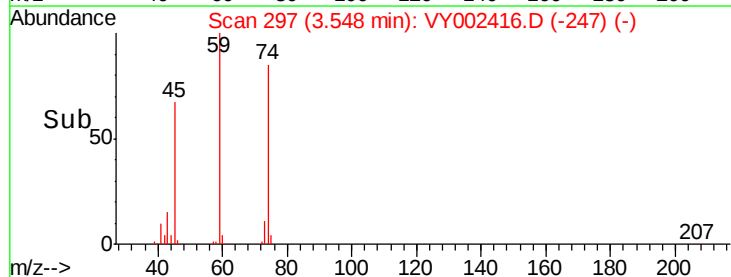
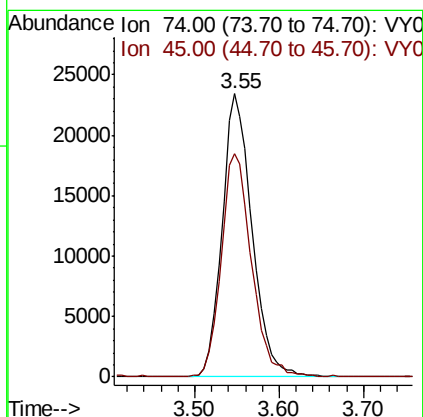
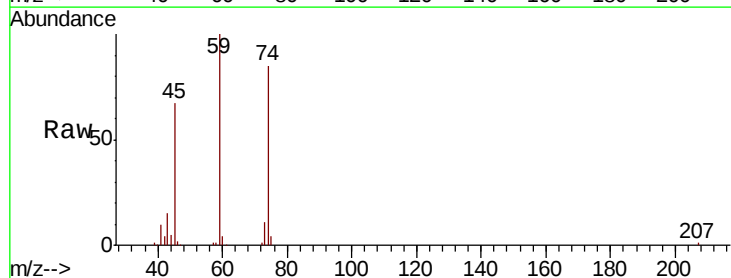
Tot Ion:101 Resp: 111323
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.3 79.9

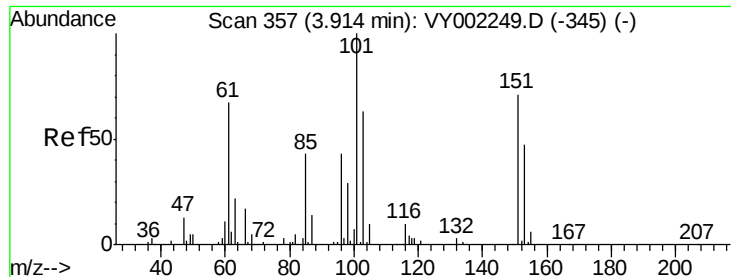


#8

Diethyl Ether
 Concen: 55.761 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 74 Resp: 56759
 Ion Ratio Lower Upper
 74 100
 45 80.0 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.514 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

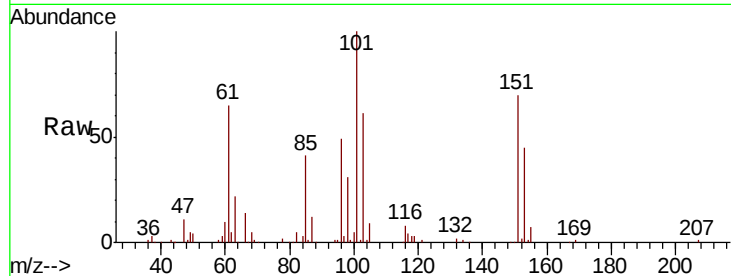
Tot Ion:101 Resp: 80532

Ion Ratio Lower Upper

101 100

85 40.4 34.6 52.0

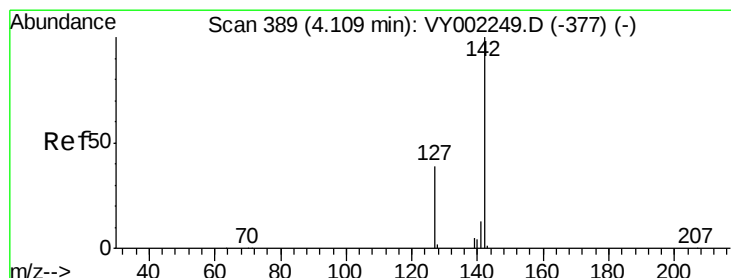
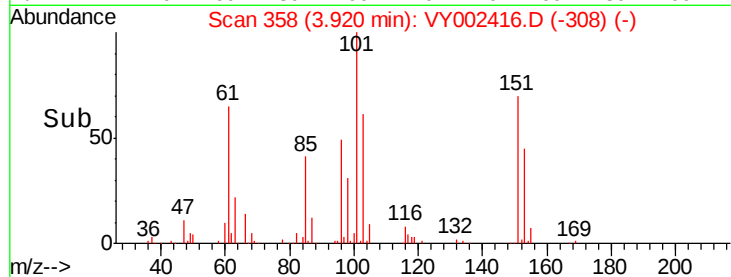
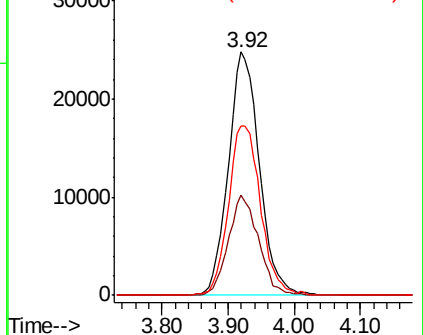
151 72.1 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.845 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

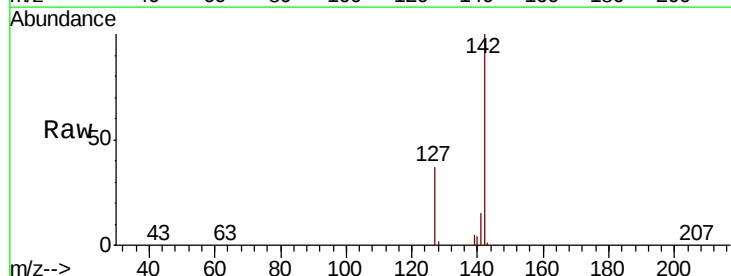
Tgt Ion:142 Resp: 98016

Ion Ratio Lower Upper

142 100

127 37.1 32.4 48.6

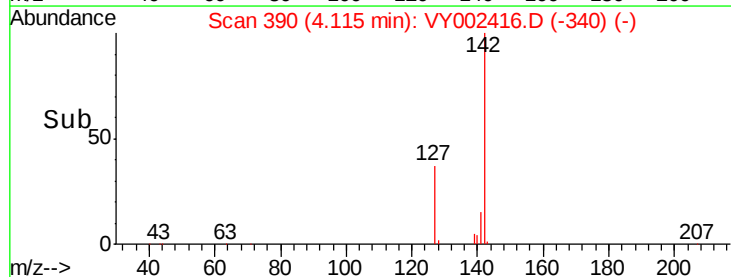
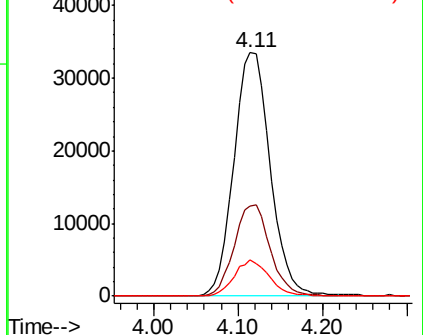
141 14.1 11.2 16.8

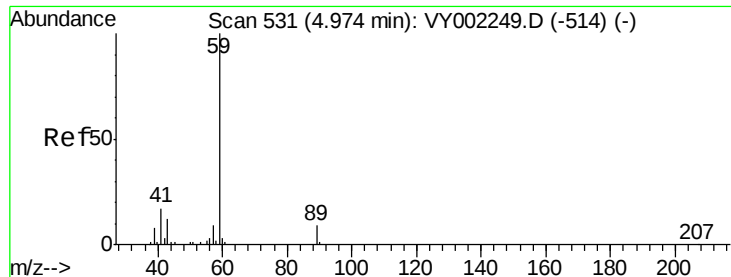


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



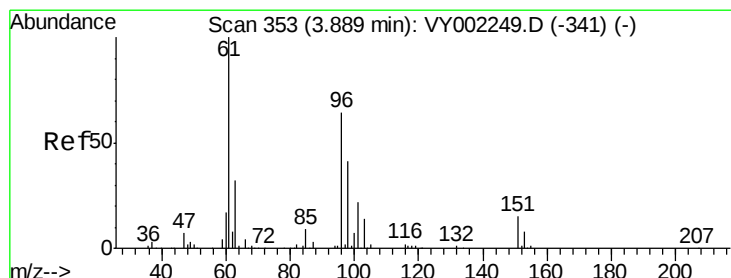
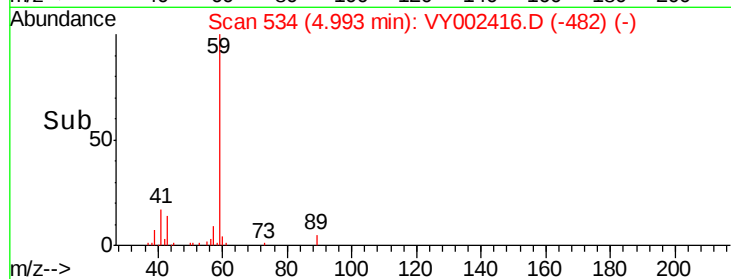
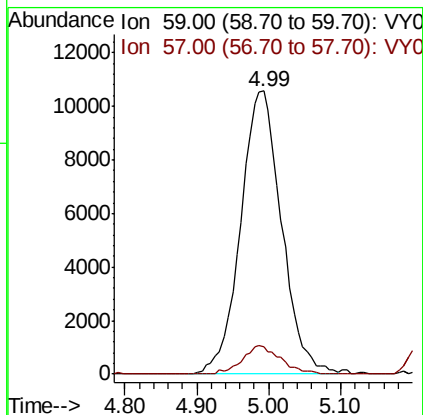
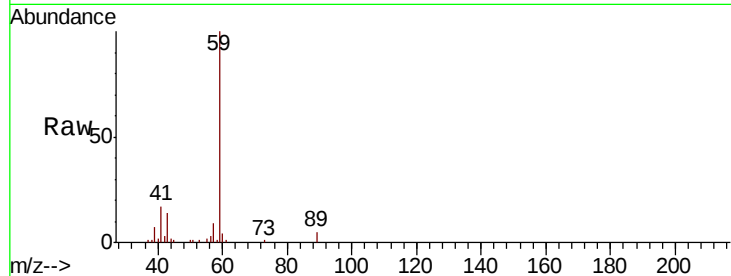


#11

Tert butyl alcohol
 Concen: 258.256 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampled :

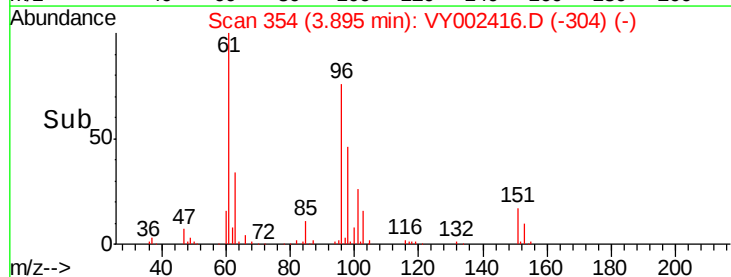
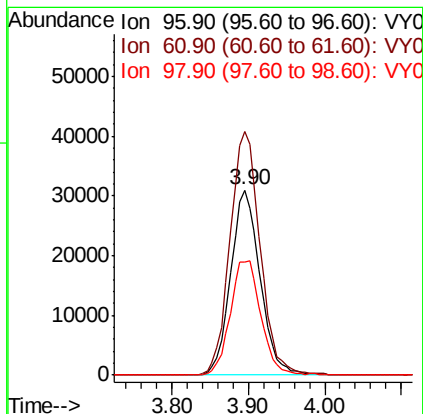
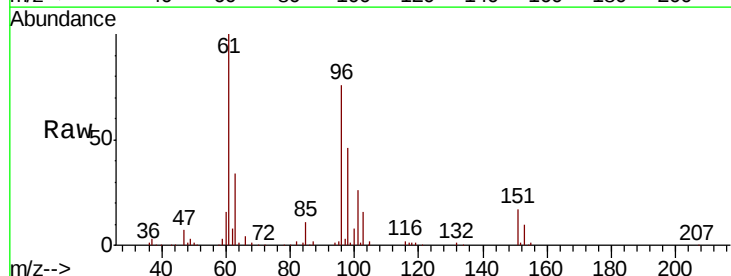
Tot Ion: 59 Resp: 41717
 Ion Ratio Lower Upper
 59 100
 57 9.4 6.6 9.8

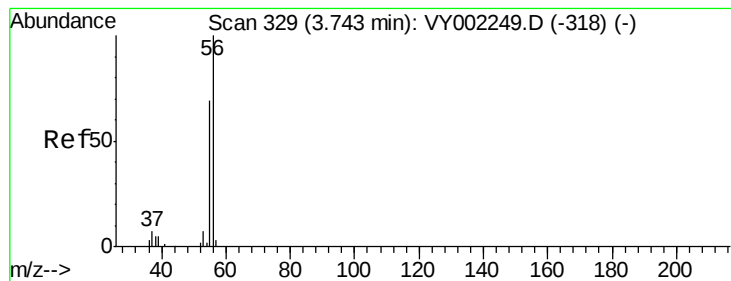


#12

1,1-Dichloroethene
 Concen: 49.892 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 96 Resp: 82499
 Ion Ratio Lower Upper
 96 100
 61 131.3 125.9 188.9
 98 61.0 51.1 76.7





#13

Acrolein

Concen: 212.117 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

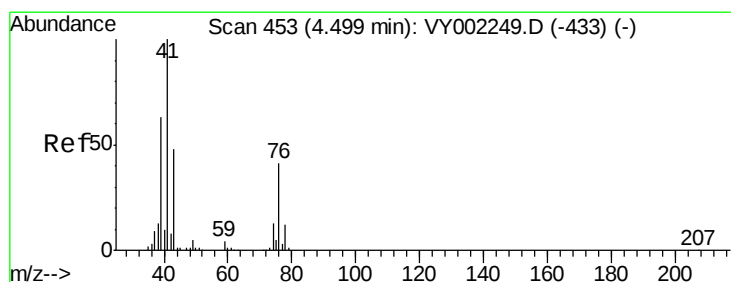
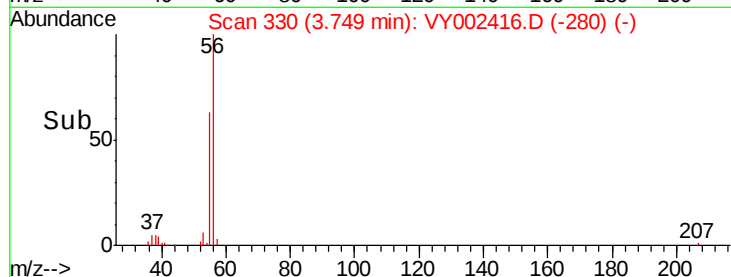
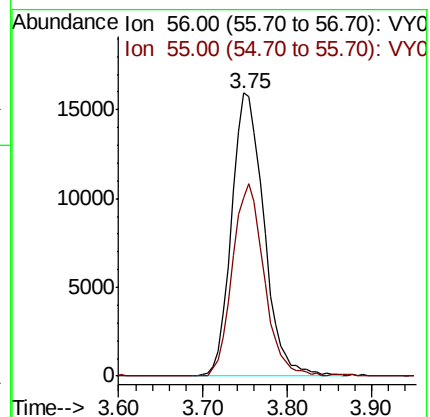
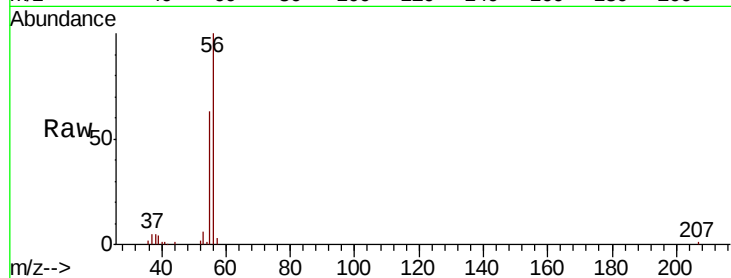
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 41651

Ion Ratio Lower Upper

56 100

55 66.3 55.8 83.8



#14

Allyl chloride

Concen: 39.806 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

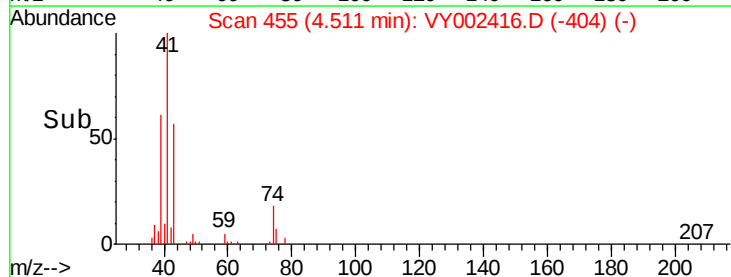
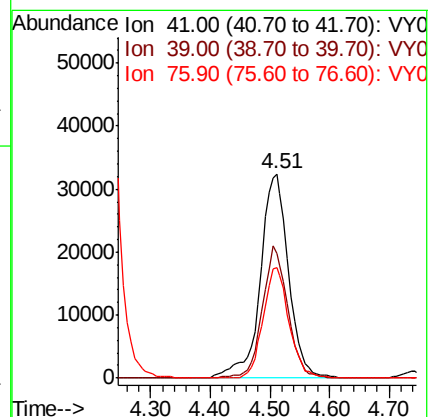
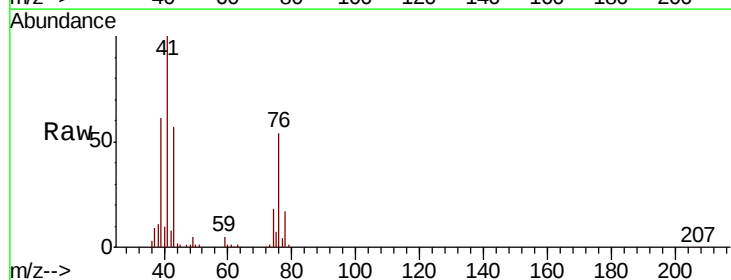
Tgt Ion: 41 Resp: 106289

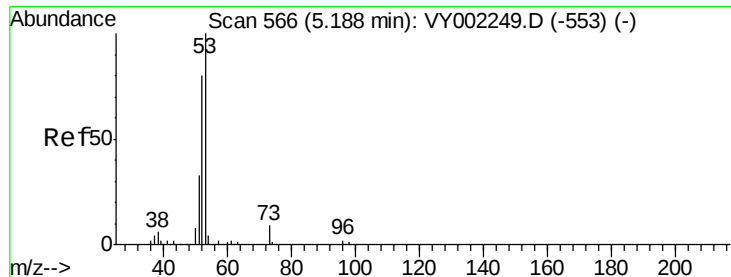
Ion Ratio Lower Upper

41 100

39 58.3 48.0 72.0

76 49.5 31.0 46.6#





#15

Acrylonitrile

Concen: 256.928 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

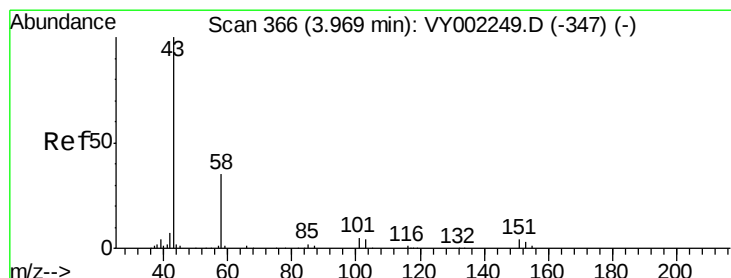
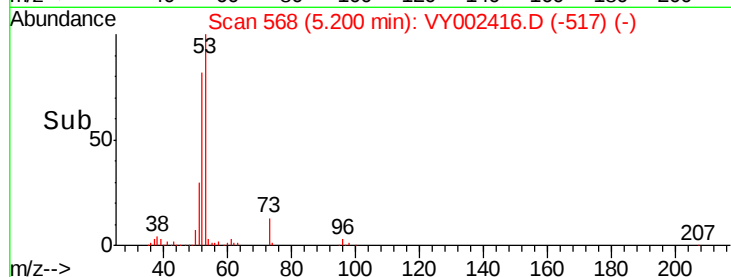
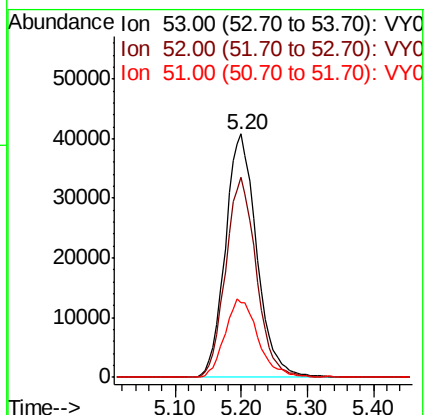
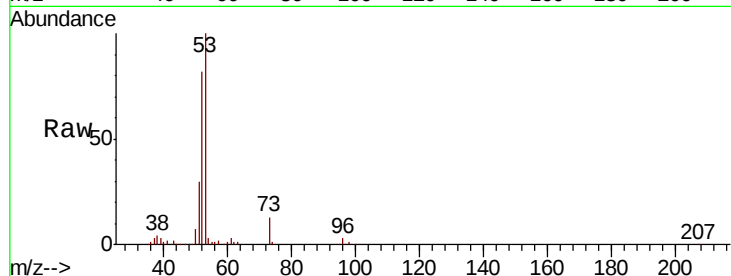
Tot Ion: 53 Resp: 133739

Ion Ratio Lower Upper

53 100

52 80.3 65.1 97.7

51 33.8 27.1 40.7



#16

Acetone

Concen: 205.905 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002416.D

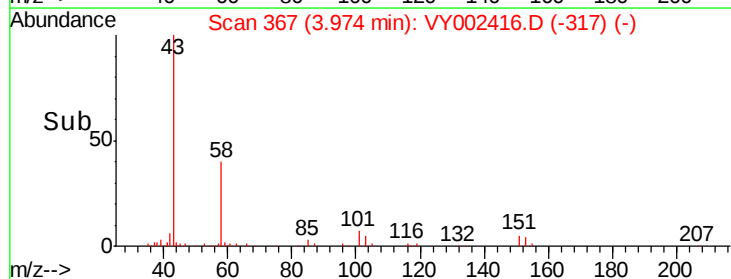
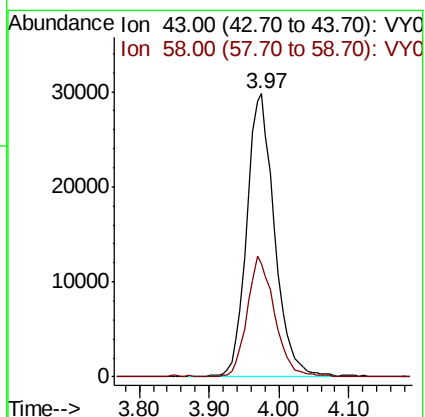
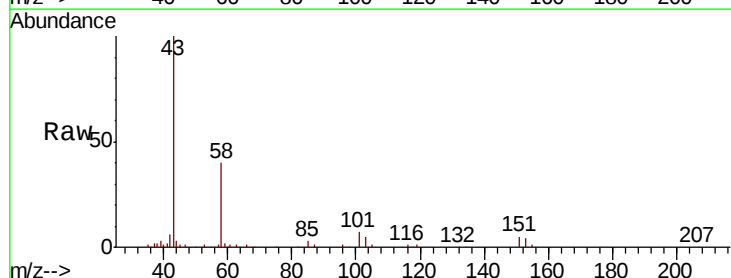
Acq: 17 Apr 2020 21:31

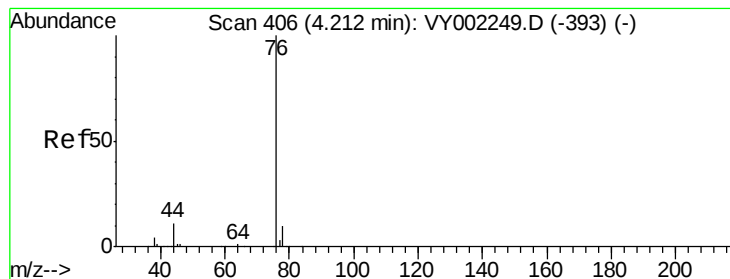
Tgt Ion: 43 Resp: 82590

Ion Ratio Lower Upper

43 100

58 39.6 28.5 42.7





#17

Carbon Disulfide

Concen: 46.402 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

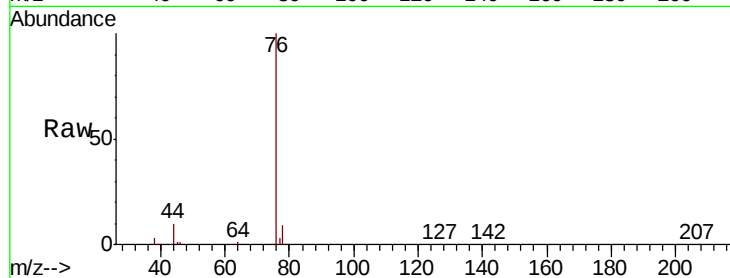
ClientSampleId :

Tot Ion: 76 Resp: 254822

Ion Ratio Lower Upper

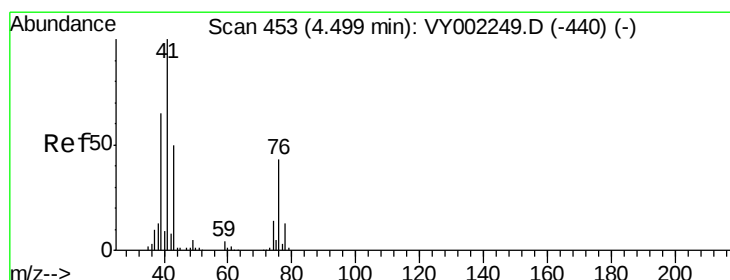
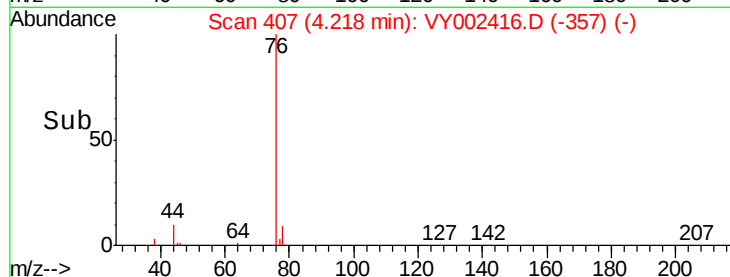
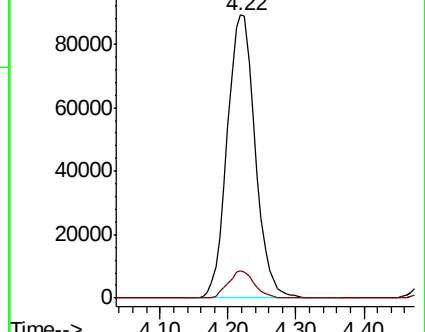
76 100

78 9.5 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY002249.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002249.D (-393) (-)



#18

Methyl Acetate

Concen: 46.740 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002416.D

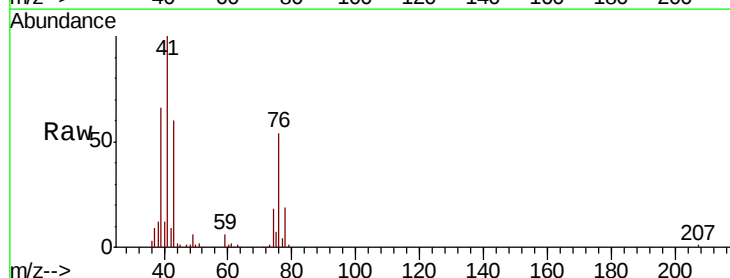
Acq: 17 Apr 2020 21:31

Tgt Ion: 43 Resp: 58151

Ion Ratio Lower Upper

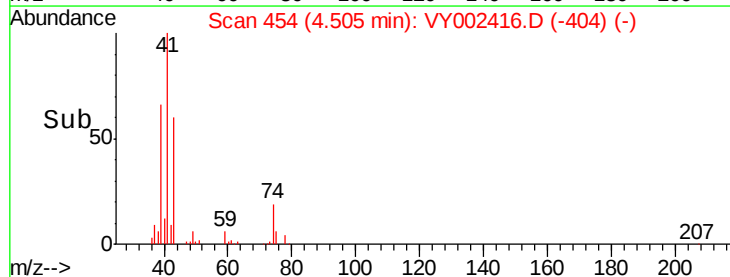
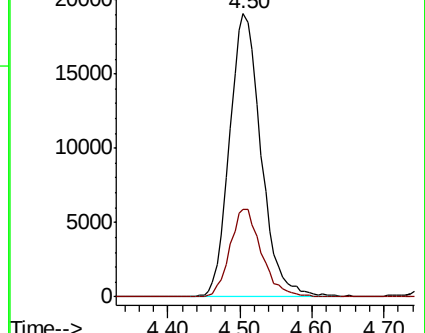
43 100

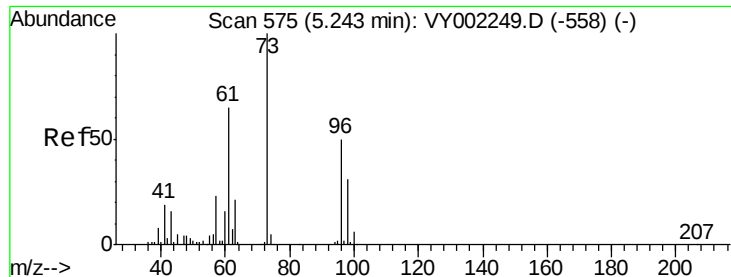
74 31.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.30): VY002249.D (-440) (-)

Ion 74.00 (73.70 to 74.30): VY002249.D (-440) (-)

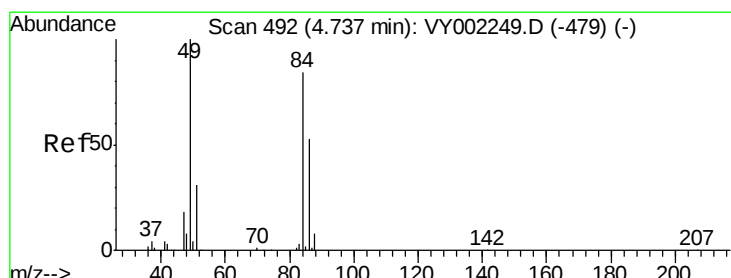
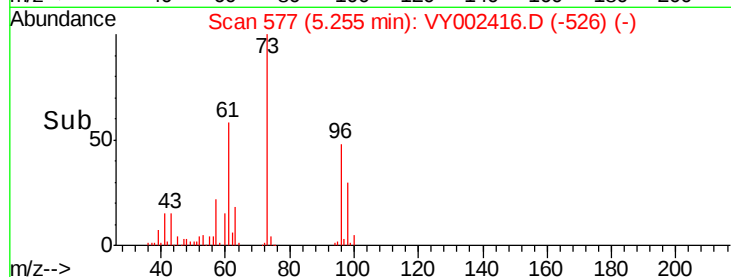
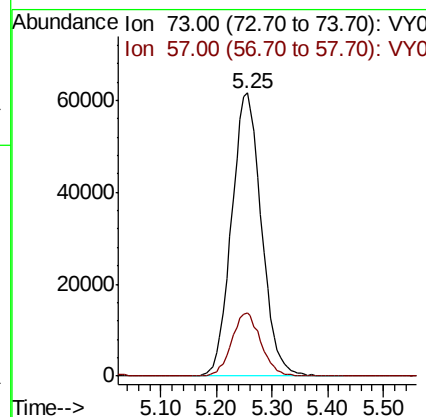
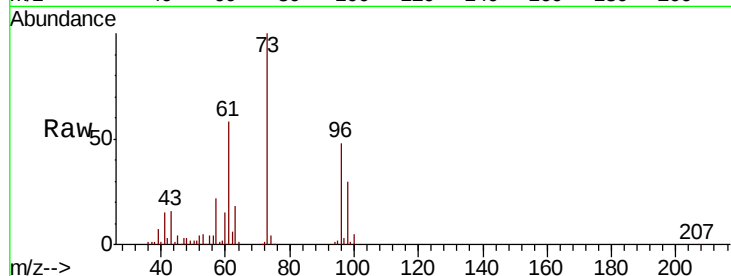




#19
Methvl tert-butvl Ether
Concen: 52.558 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

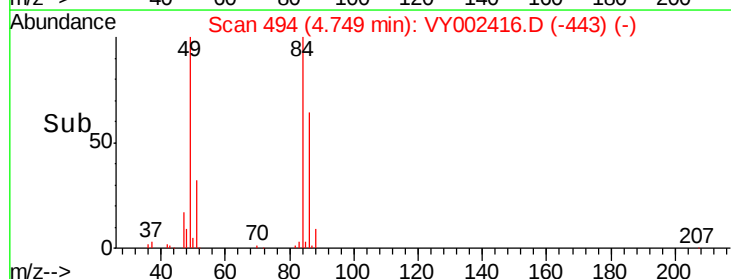
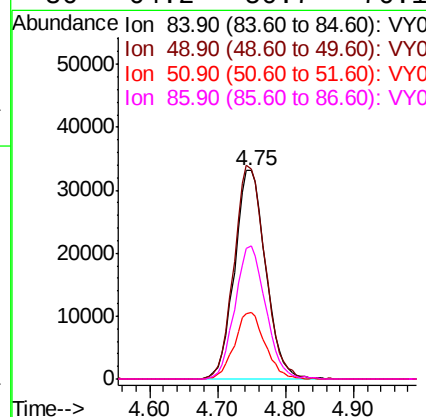
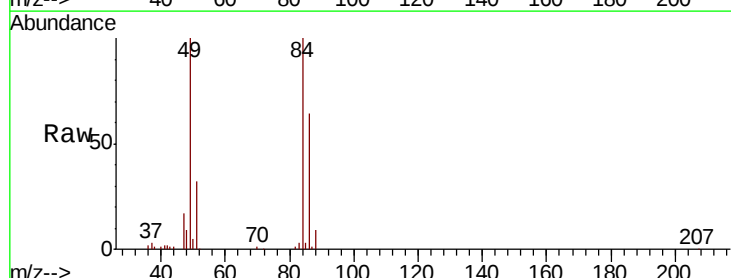
Instrument :
MSVOA_Y
ClientSampleId :

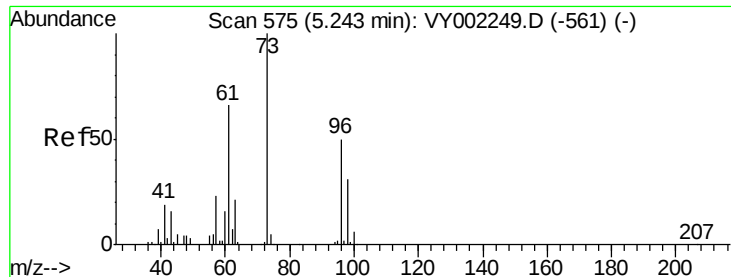
Tot Ion: 73 Resp: 228476
Ion Ratio Lower Upper
73 100
57 22.4 18.7 28.1



#20
Methylene Chloride
Concen: 53.341 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 84 Resp: 105162
Ion Ratio Lower Upper
84 100
49 100.4 95.5 143.3
51 32.2 29.5 44.3
86 64.2 50.7 76.1

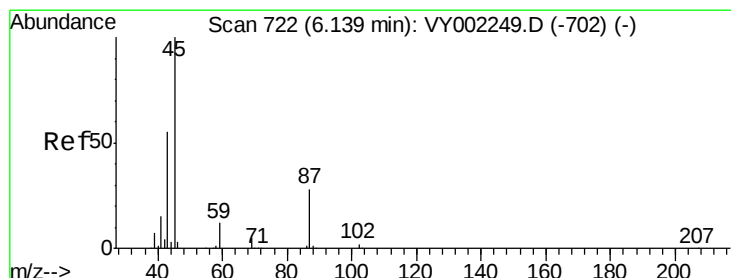
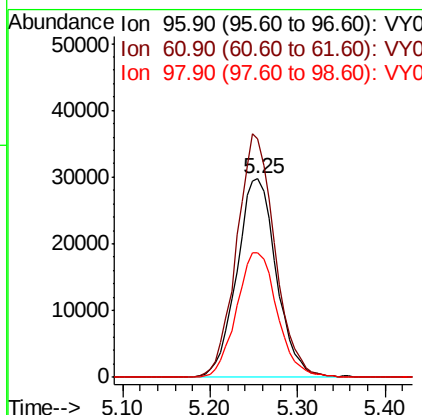
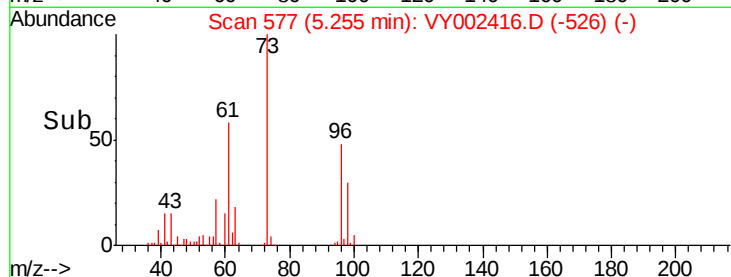
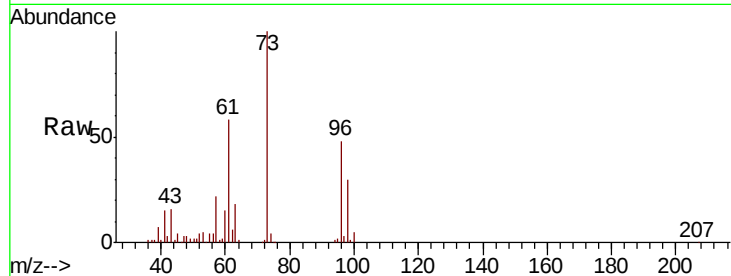




#21
trans-1,2-Dichloroethene
Concen: 50.315 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

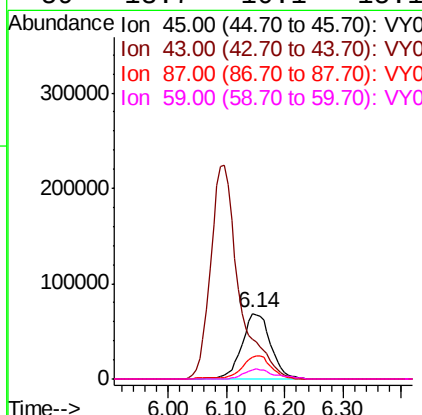
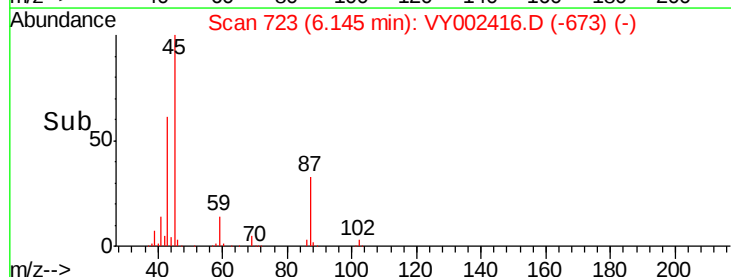
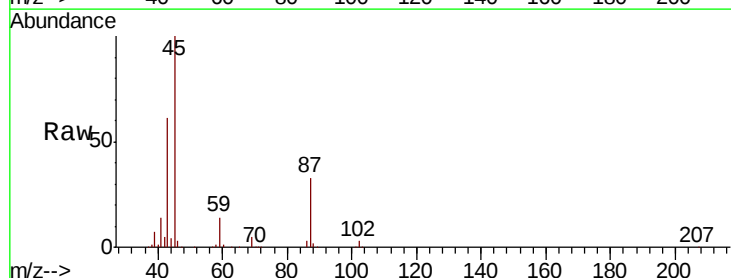
Instrument :
MSVOA_Y
ClientSampled :

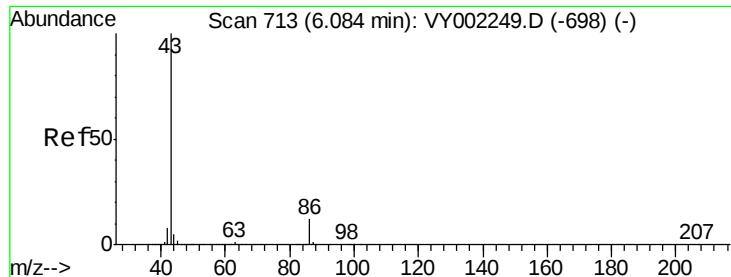
Tot Ion: 96 Resp: 93386
Ion Ratio Lower Upper
96 100
61 119.9 104.6 157.0
98 62.7 50.1 75.1



#22
Diisopropyl ether
Concen: 43.813 ug/l
RT: 6.14 min Scan# 723
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 45 Resp: 235436
Ion Ratio Lower Upper
45 100
43 61.1 44.7 67.1
87 33.3 23.0 34.4
59 13.7 10.1 15.1





#23

Vinyl Acetate

Concen: 220.944 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

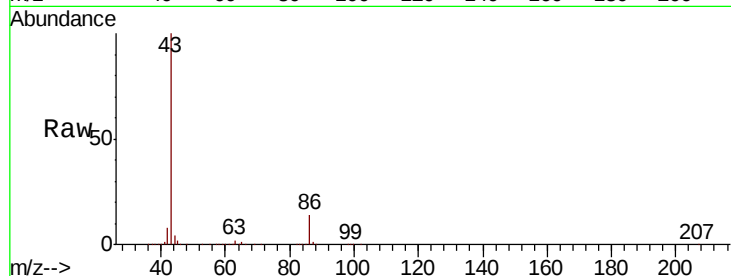
ClientSampled :

Tot Ion: 43 Resp: 756602

Ion Ratio Lower Upper

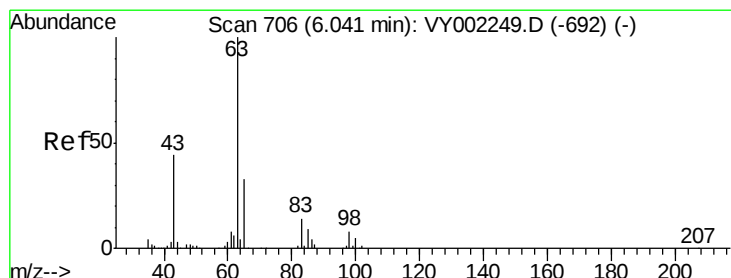
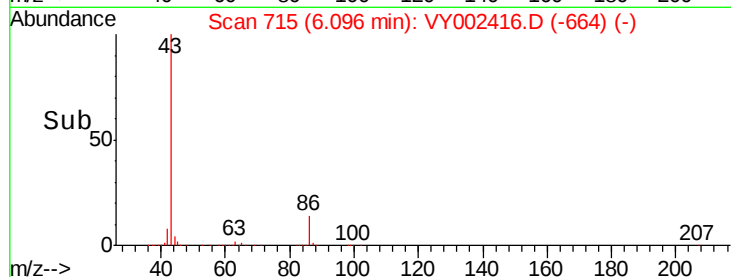
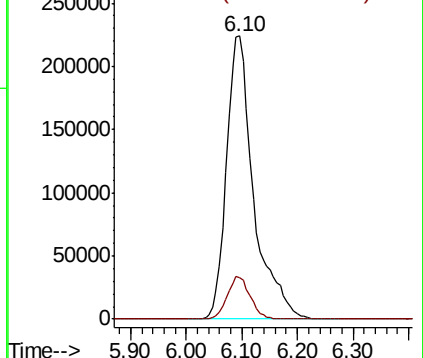
43 100

86 14.5 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.162 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

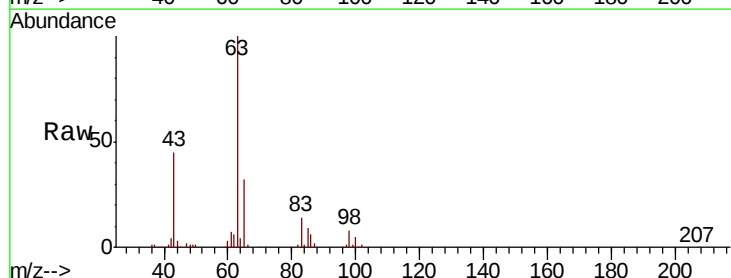
Tgt Ion: 63 Resp: 147206

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

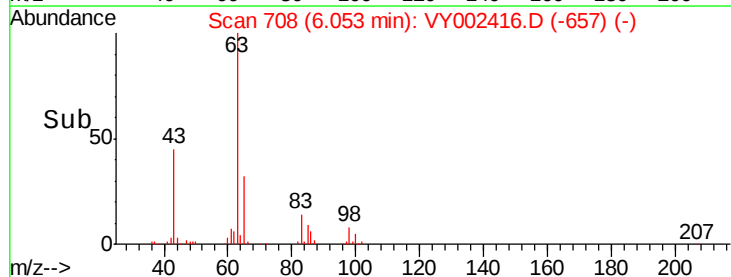
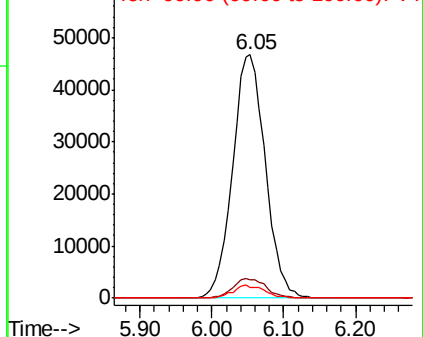
100 4.6 2.4 7.1

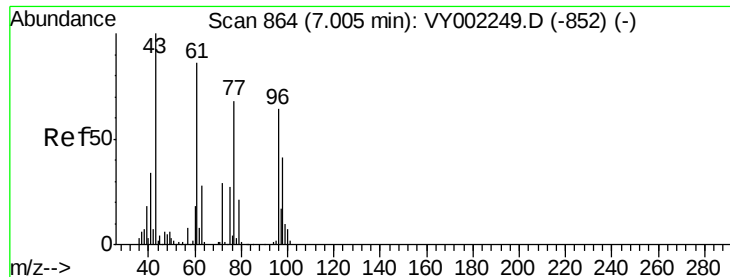


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

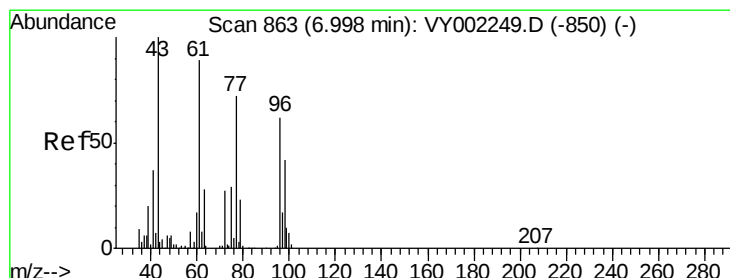
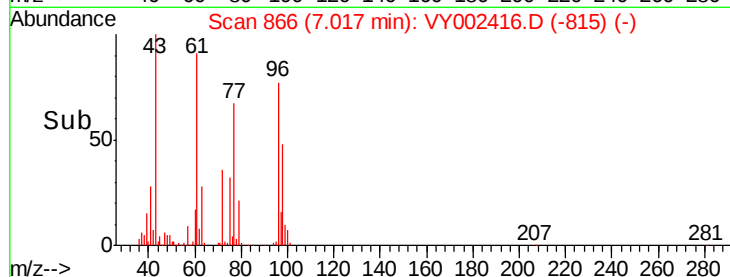
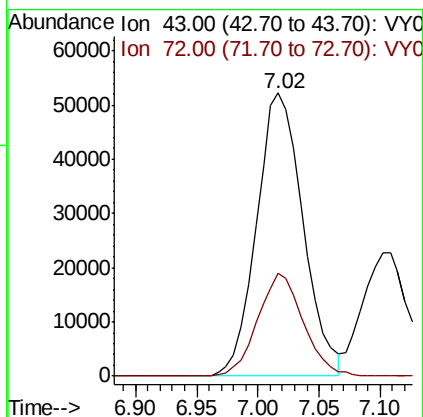
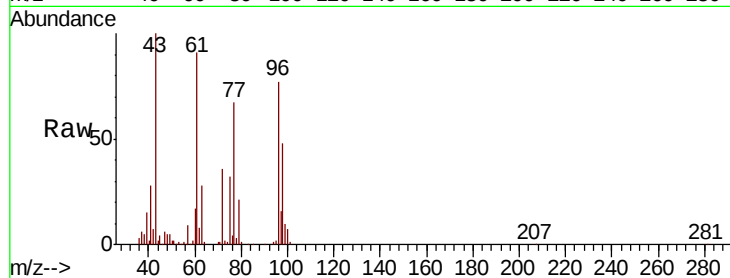




#25
2-Butanone
Concen: 217.526 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

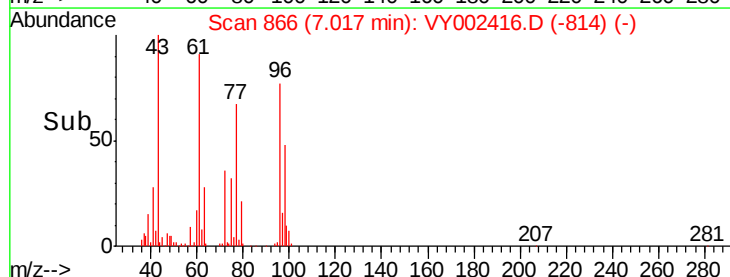
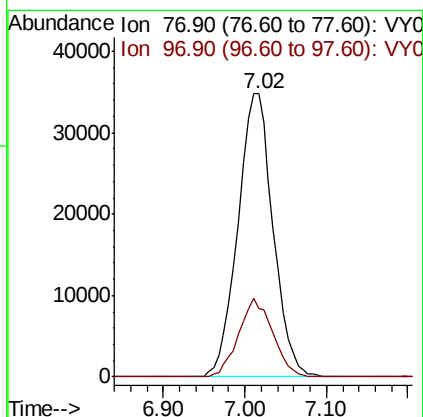
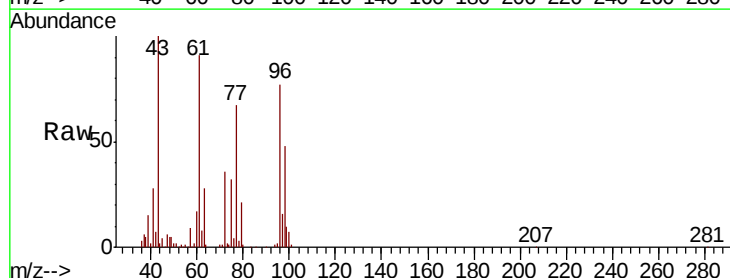
Instrument :
MSVOA_Y
ClientSampled :

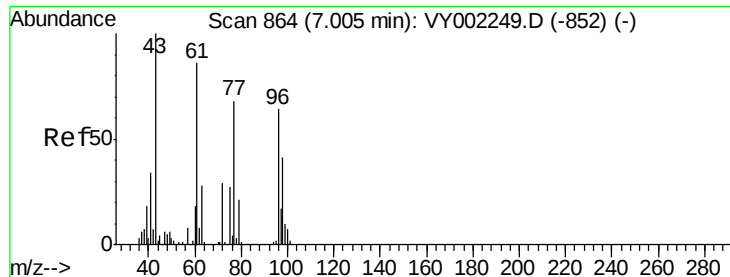
Tot Ion: 43 Resp: 138079
Ion Ratio Lower Upper
43 100
72 36.4 23.2 34.8#



#26
2,2-Dichloropropane
Concen: 40.678 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 77 Resp: 104004
Ion Ratio Lower Upper
77 100
97 27.0 12.2 36.6



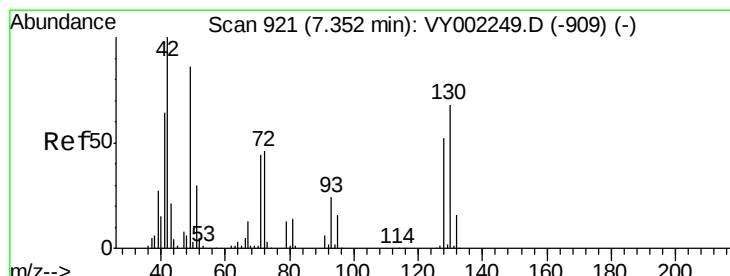
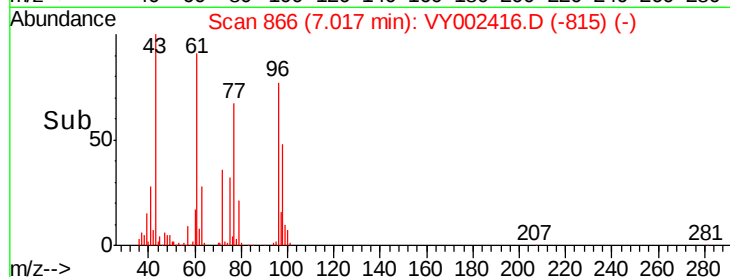
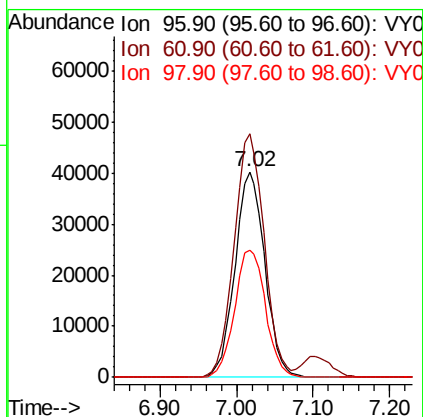
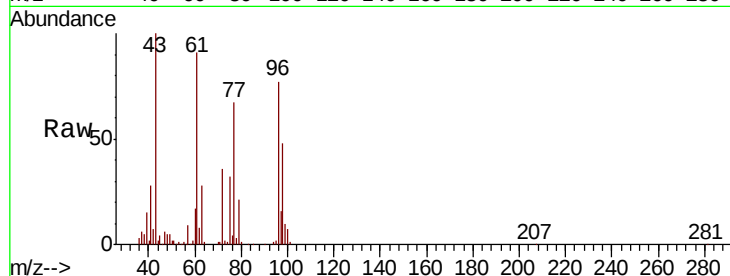


#27

cis-1,2-Dichloroethene
 Concen: 53.775 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampled :

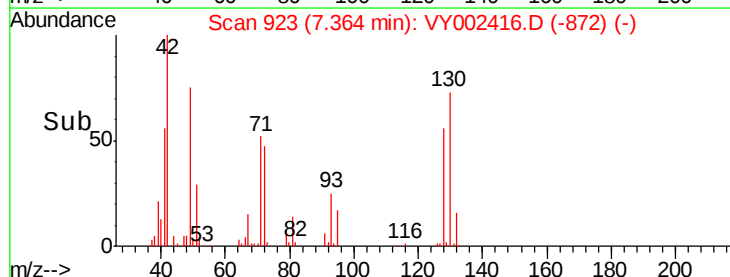
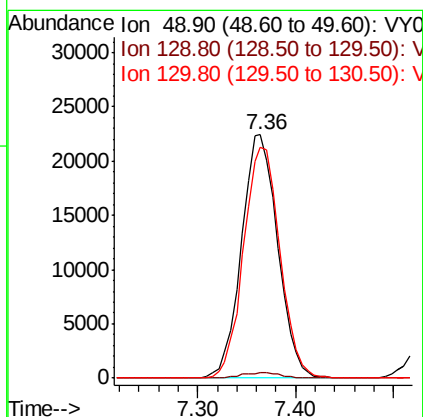
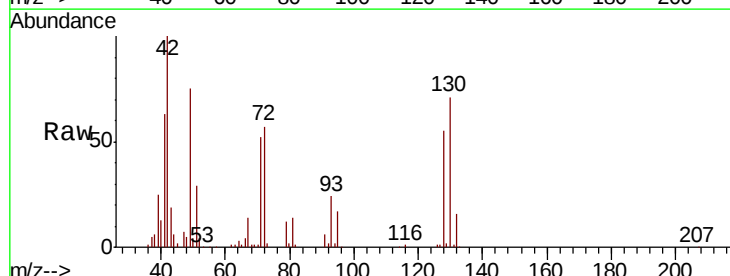
Tot Ion	96	Resp	108799
Ion	Ratio	Lower	Upper
96	100		
61	119.5	0.0	278.0
98	64.3	0.0	128.6

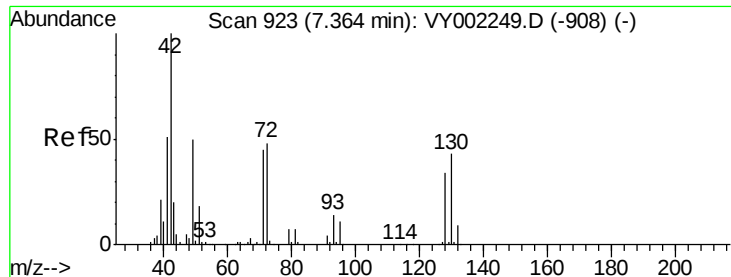


#28

Bromochloromethane
 Concen: 43.719 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	49	Resp	57684
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	95.1	60.9	91.3#

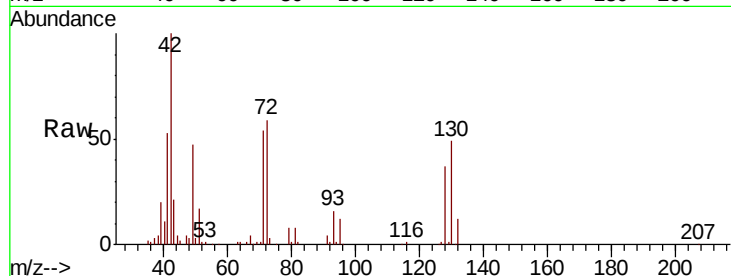




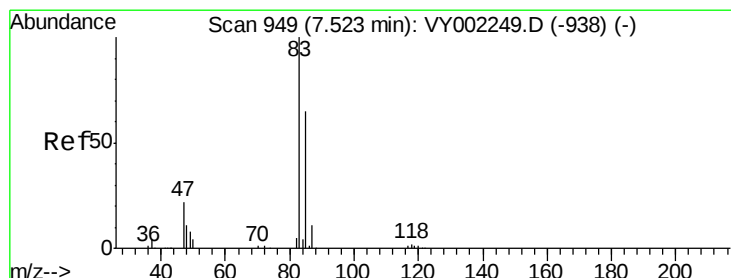
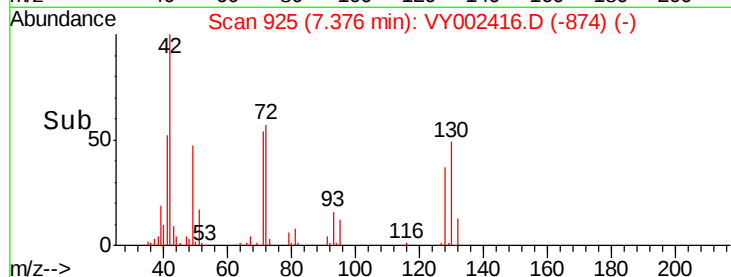
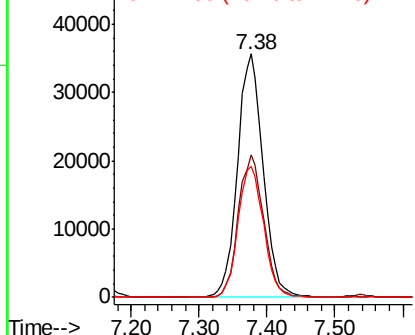
#29
Tetrahydrofuran
Concen: 222.558 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 93385
Ion Ratio Lower Upper
42 100
72 58.0 36.7 55.1#
71 53.6 34.7 52.1#

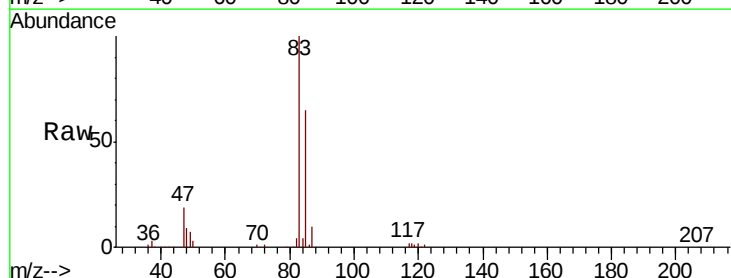


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

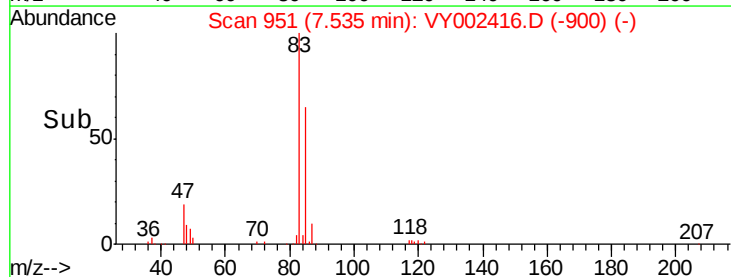
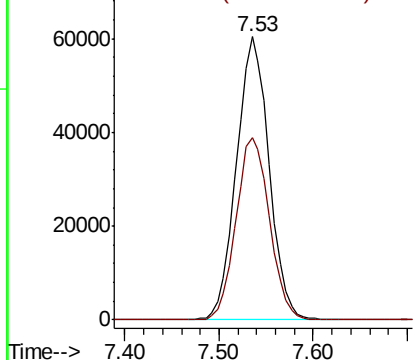


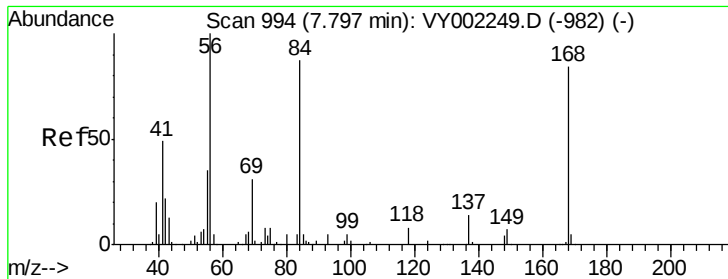
#30
Chloroform
Concen: 50.669 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 83 Resp: 145986
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0



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





#31

Cyclohexane

Concen: 39.778 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampled :

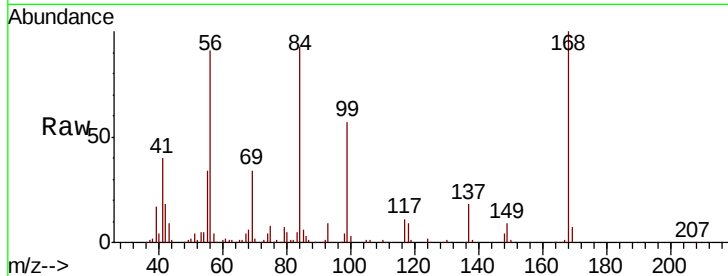
Tot Ion: 56 Resp: 127622

Ion Ratio Lower Upper

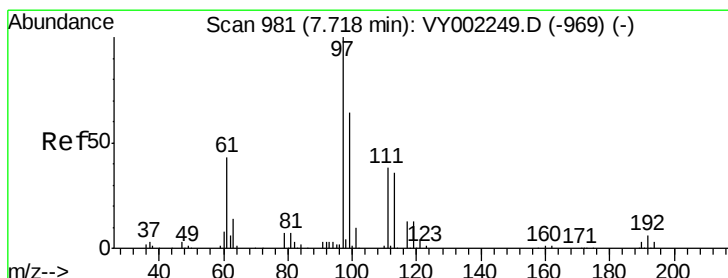
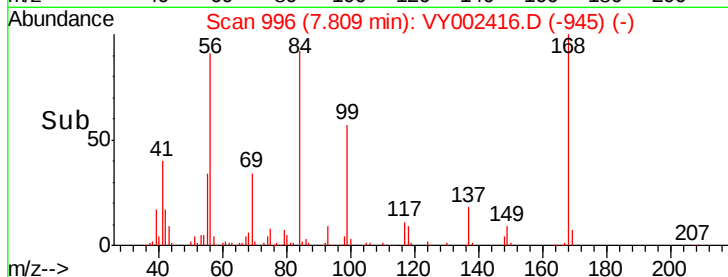
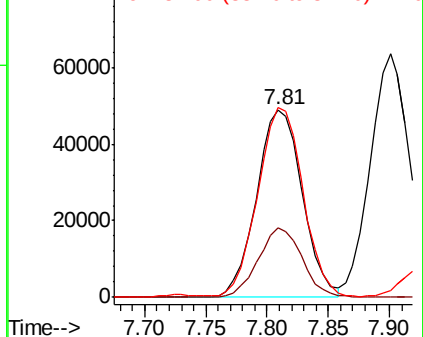
56 100

69 37.3 25.0 37.6

84 100.4 69.7 104.5



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: 48.252 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

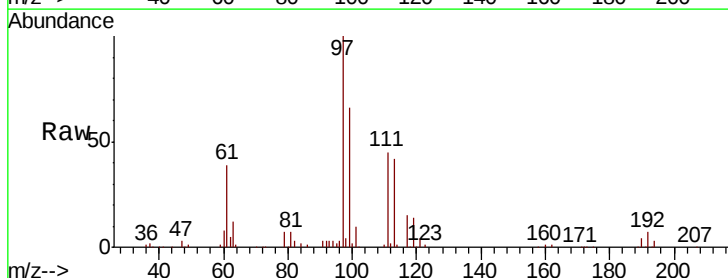
Tgt Ion: 97 Resp: 115714

Ion Ratio Lower Upper

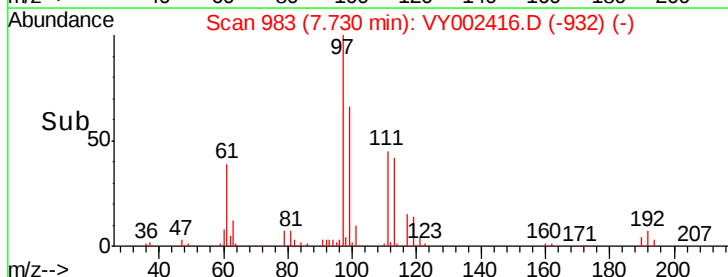
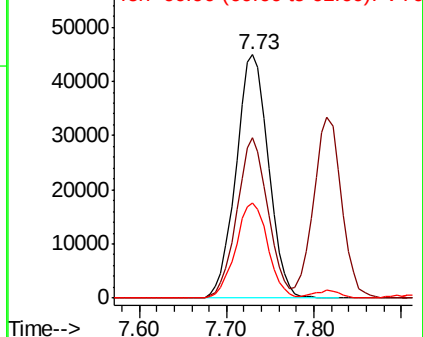
97 100

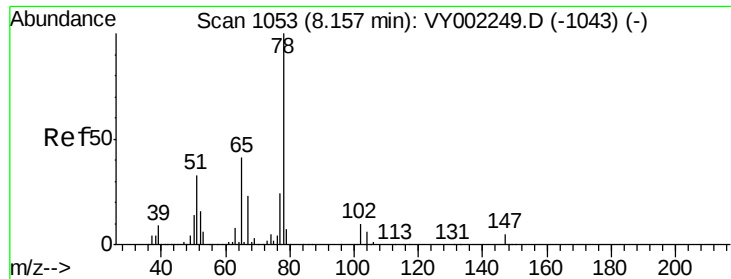
99 63.0 51.3 76.9

61 38.9 34.3 51.5



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

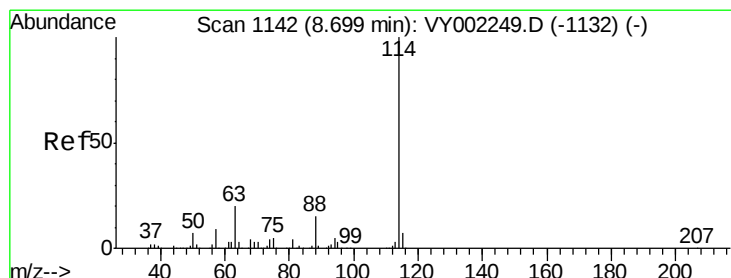
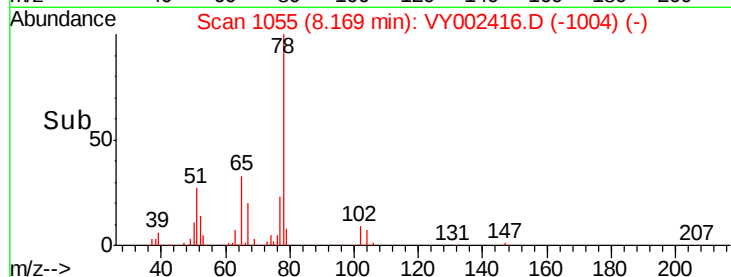
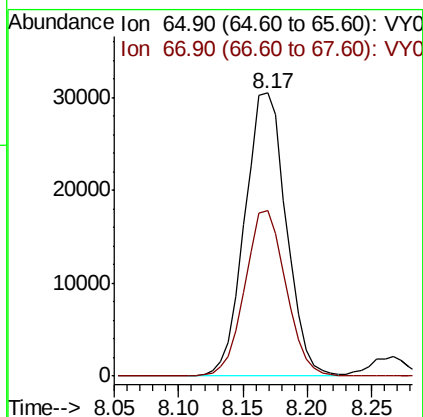
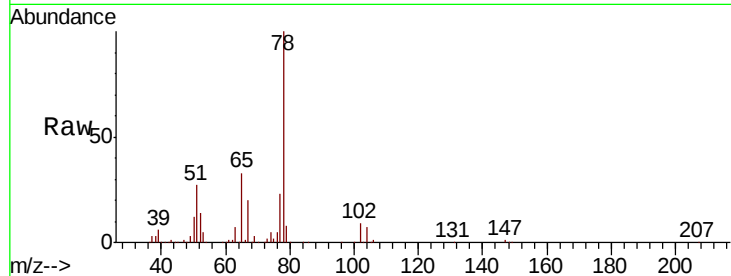




#33
 1,2-Dichloroethane-d4
 Concen: 44.543 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

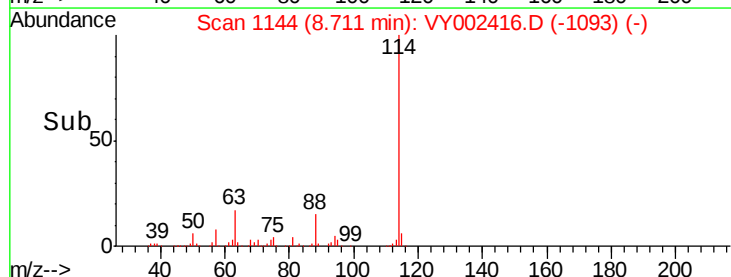
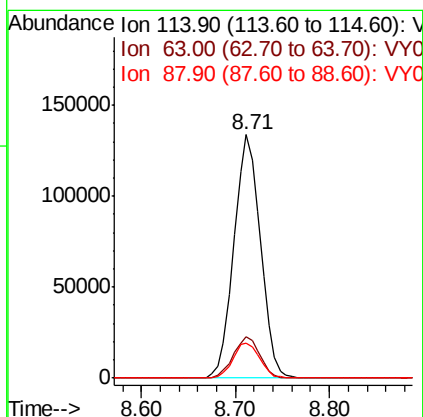
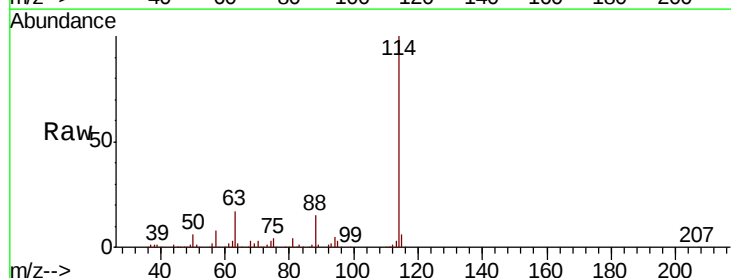
Instrument :
 MSVOA_Y
 ClientSampleId :

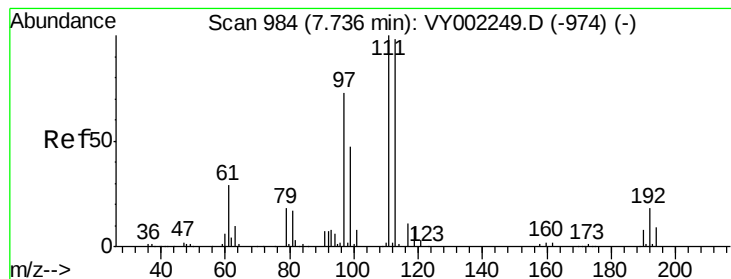
Tot Ion: 65 Resp: 67835
 Ion Ratio Lower Upper
 65 100
 67 57.6 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 114 Resp: 262128
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 39.0
 88 14.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.067 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

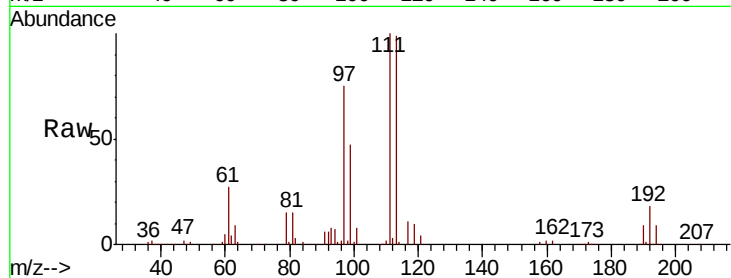
Tot Ion:113 Resp: 74972

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

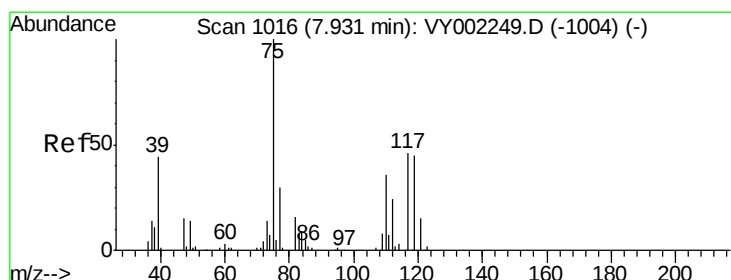
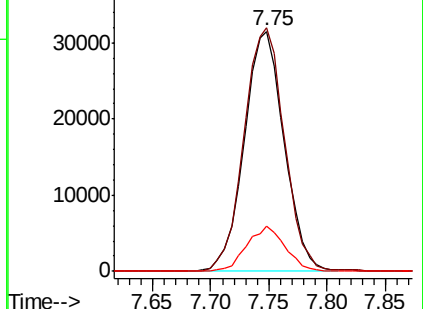
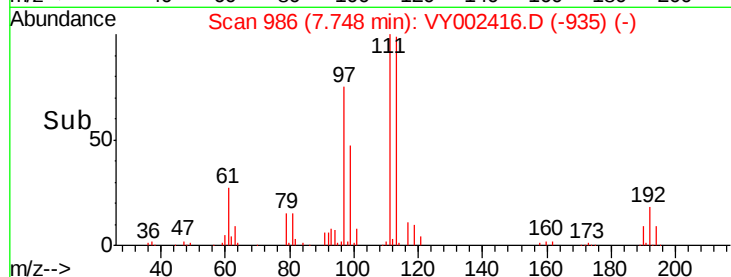
192 18.0 14.7 22.1



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: 42.508 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

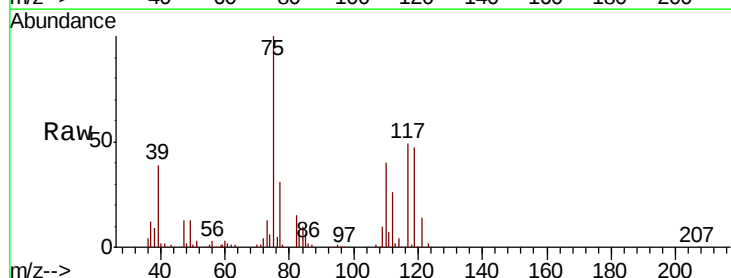
Tgt Ion: 75 Resp: 109752

Ion Ratio Lower Upper

75 100

110 39.8 17.8 53.3

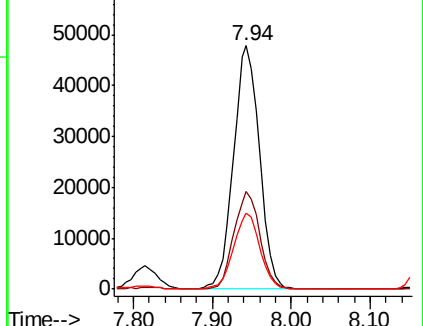
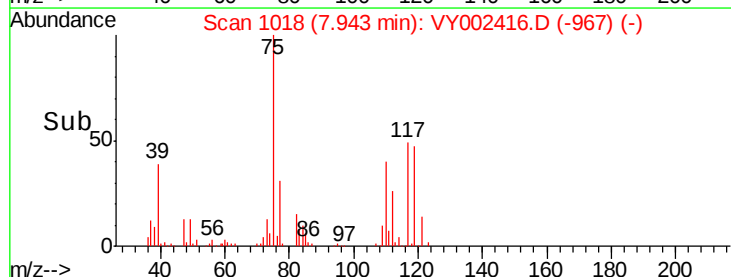
77 31.6 24.4 36.6

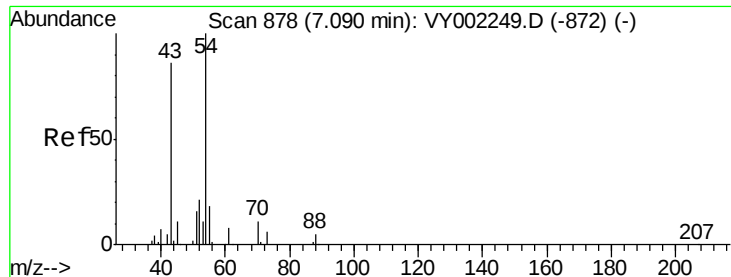


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

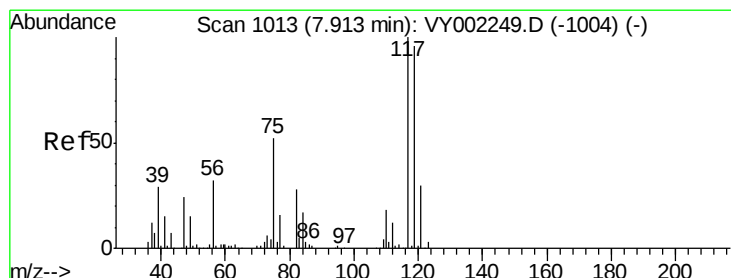
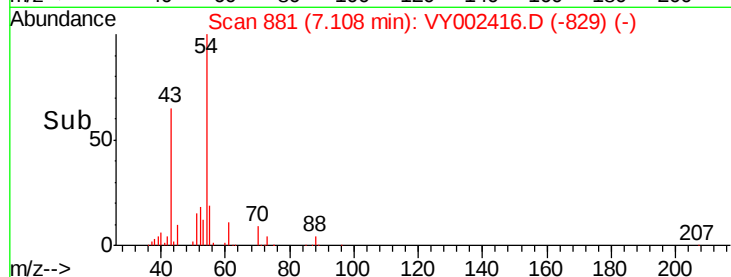
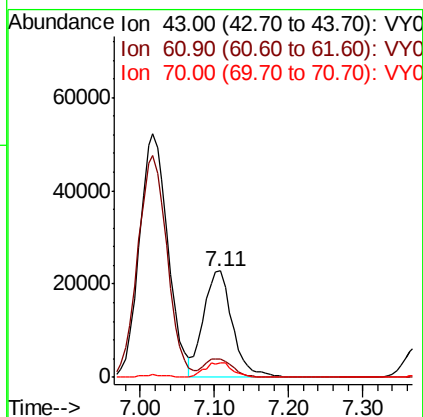
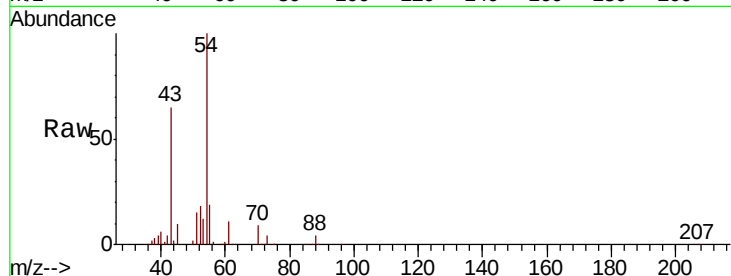




#37
Ethyl Acetate
Concen: 41.893 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

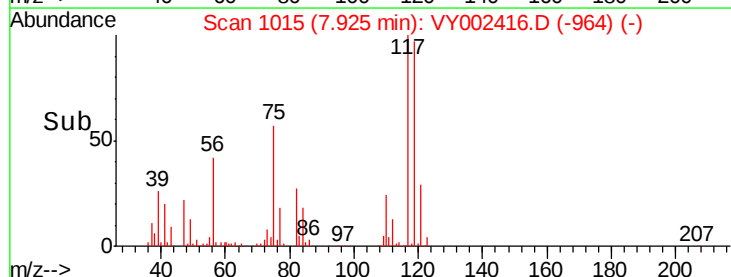
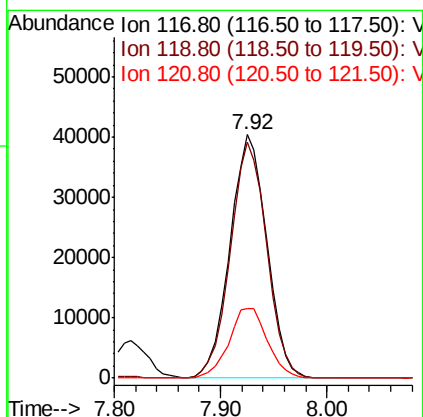
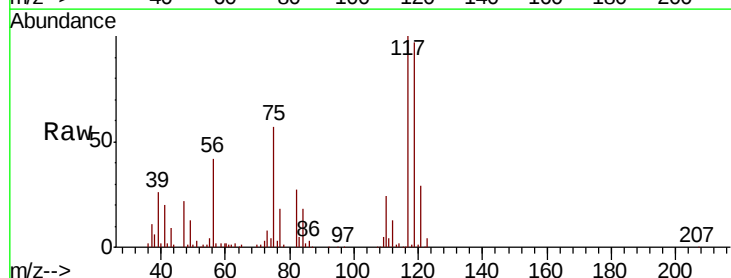
Instrument :
MSVOA_Y
ClientSampleId :

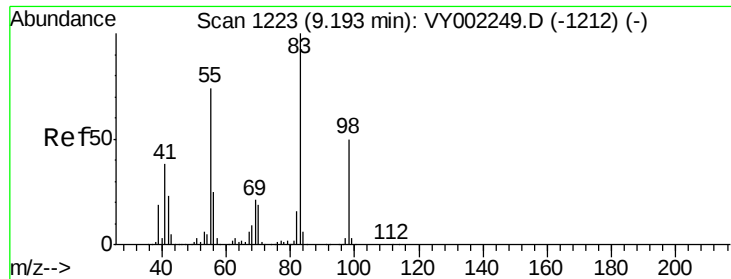
Tot Ion: 43 Resp: 61793
Ion Ratio Lower Upper
43 100
61 17.7 11.8 17.6#
70 13.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 44.397 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 117 Resp: 98051
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7
121 28.6 23.9 35.9

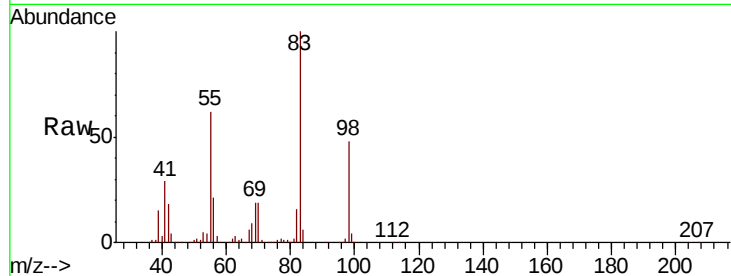




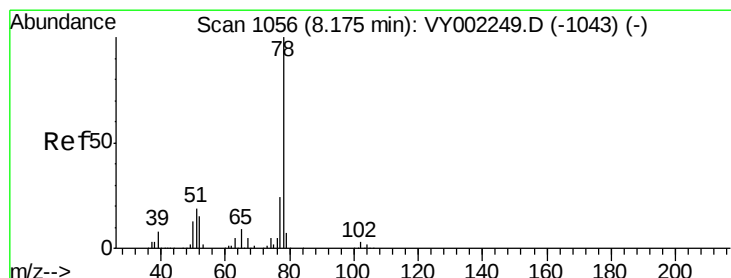
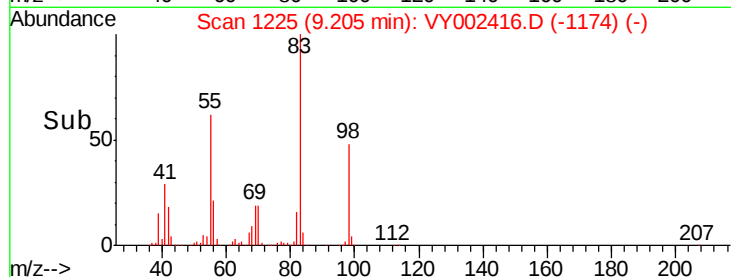
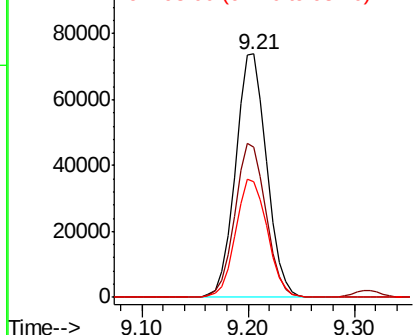
#39
Methvlcvclohexane
Concen: 43.157 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 151576
Ion Ratio Lower Upper
83 100
55 61.6 59.3 88.9
98 47.7 39.6 59.4

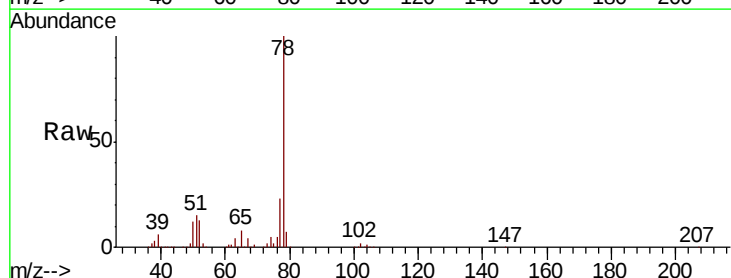


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

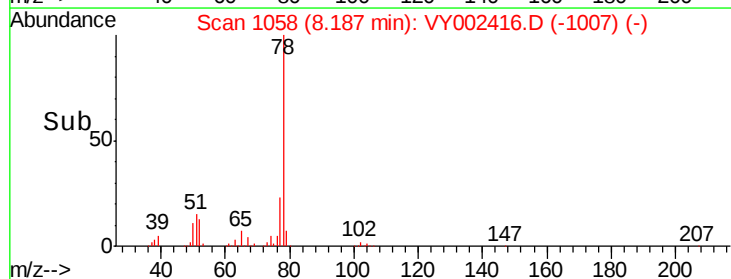
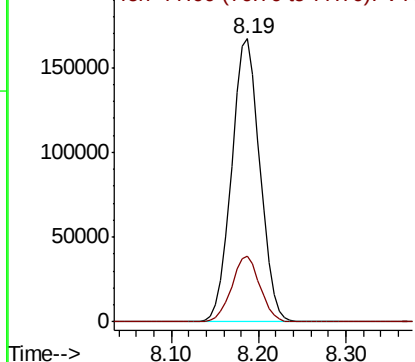


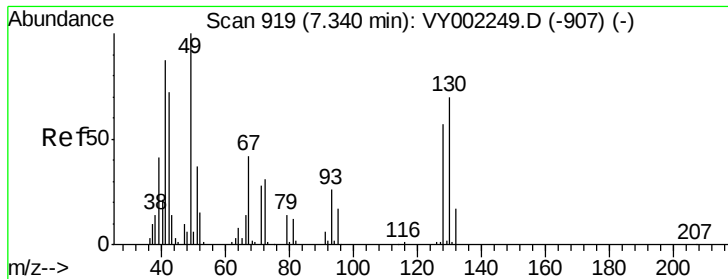
#40
Benzene
Concen: 47.893 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 78 Resp: 375173
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



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

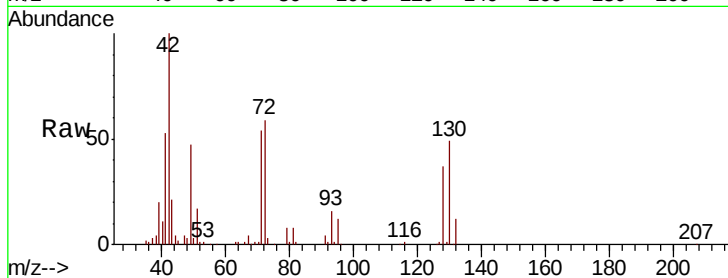




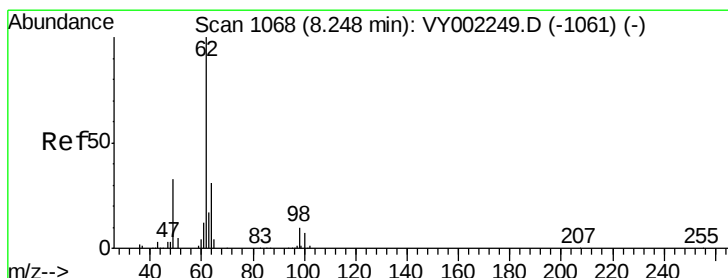
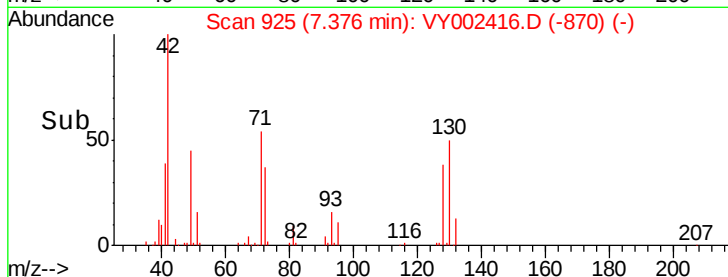
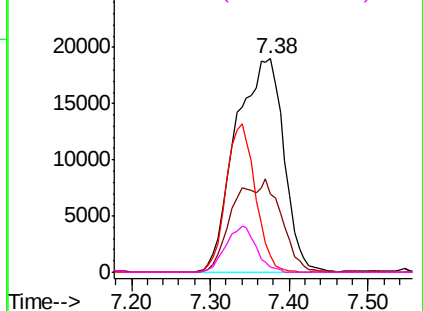
#41
Methacrylonitrile
Concen: 92.508 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	80493
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

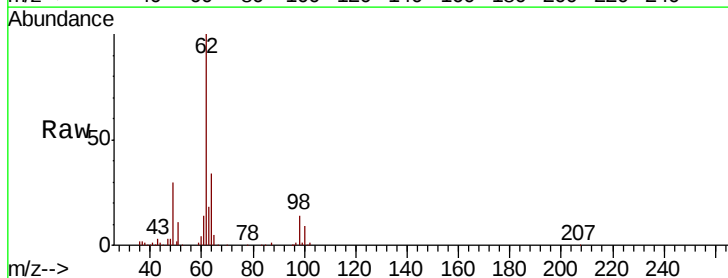


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

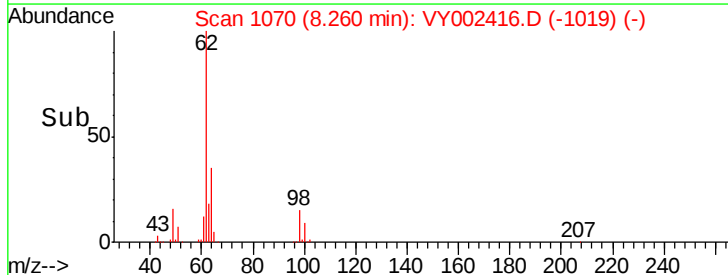
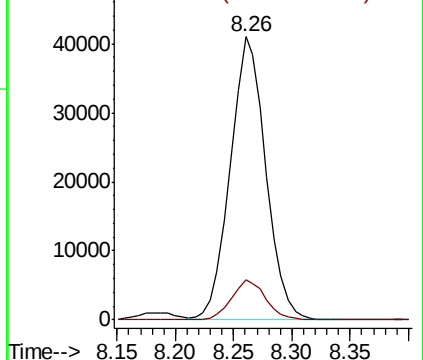


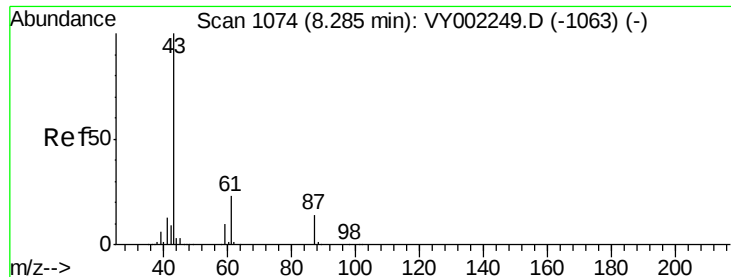
#42
1,2-Dichloroethane
Concen: 44.715 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:	62	Resp:	86769
Ion	Ratio	Lower	Upper
62	100		
98	13.7	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 40.753 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

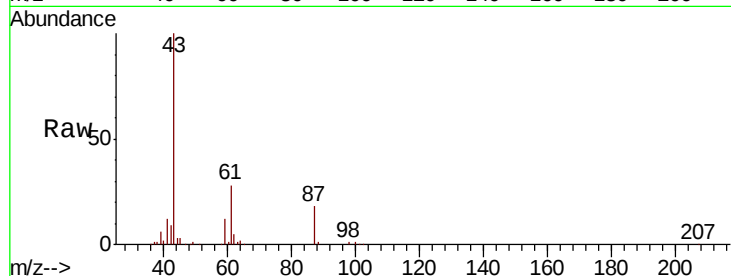
Tot Ion: 43 Resp: 109628

Ion Ratio Lower Upper

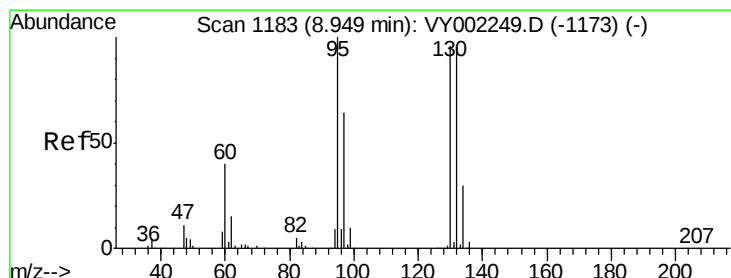
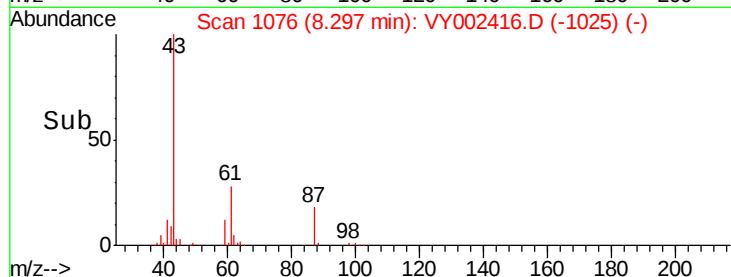
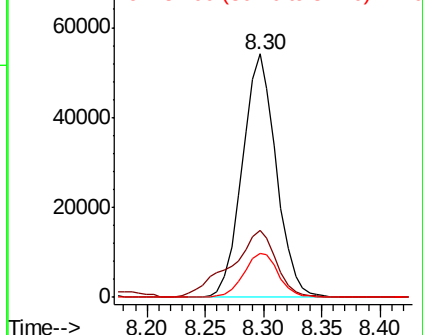
43 100

61 36.3 24.9 37.3

87 18.9 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 49.093 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY002416.D

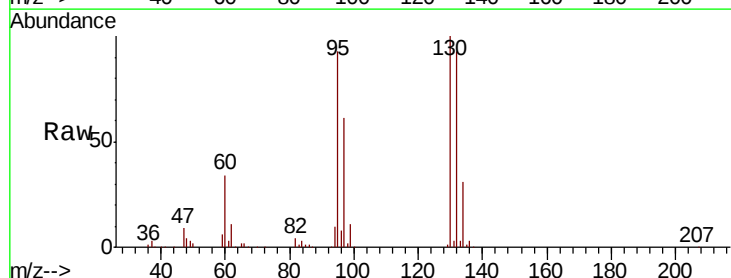
Acq: 17 Apr 2020 21:31

Tgt Ion:130 Resp: 113065

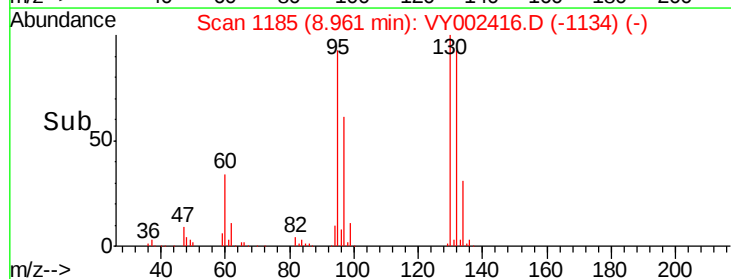
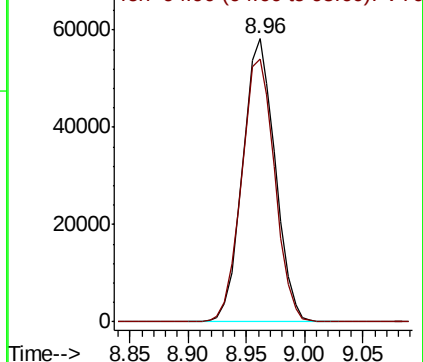
Ion Ratio Lower Upper

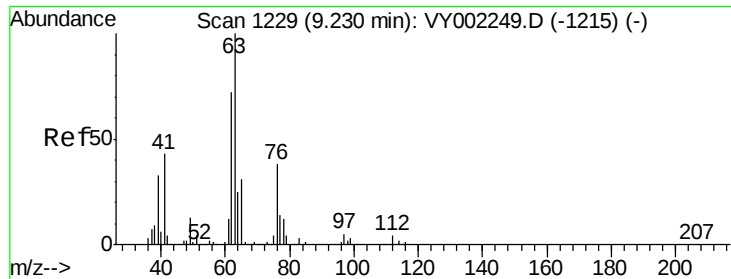
130 100

95 92.8 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

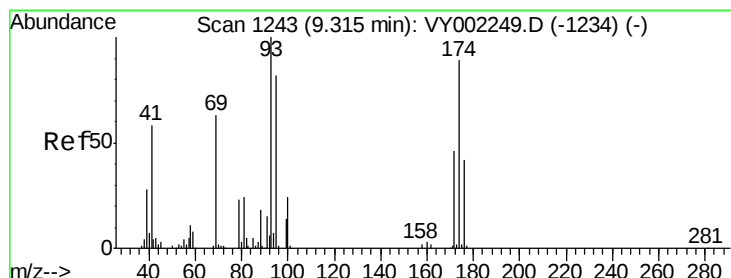
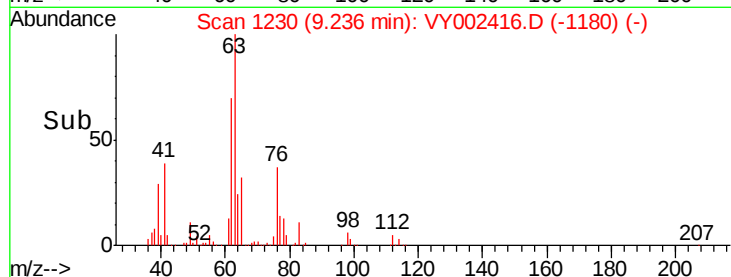
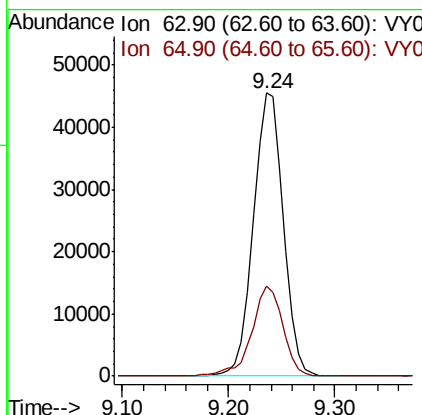
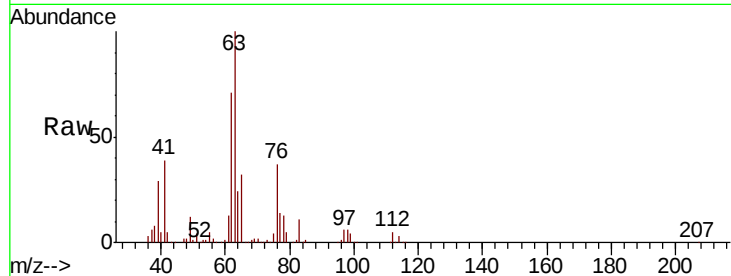




#45
 1,2-Dichloropropane
 Concen: 46.225 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

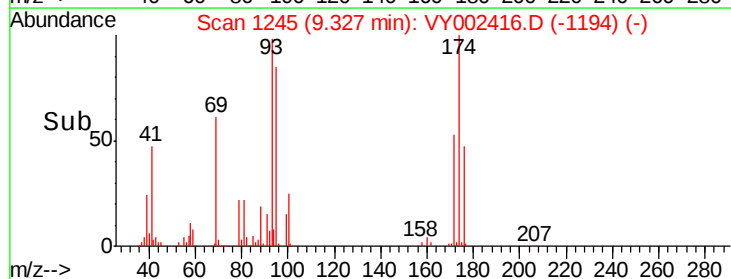
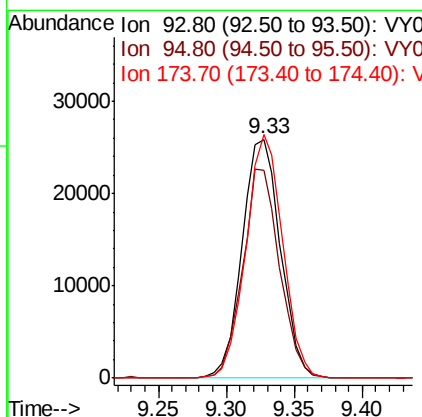
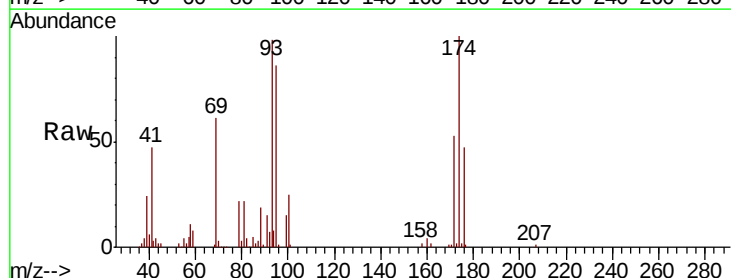
Instrument :
 MSVOA_Y
 ClientSampled :

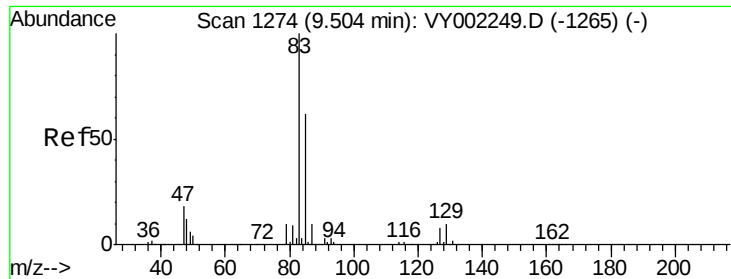
Tot Ion: 63 Resp: 89845
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0



#46
 Dibromomethane
 Concen: 50.150 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 93 Resp: 50965
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.3 100.9
 174 98.2 72.5 108.7





#47

Bromodichloromethane

Concen: 48.710 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

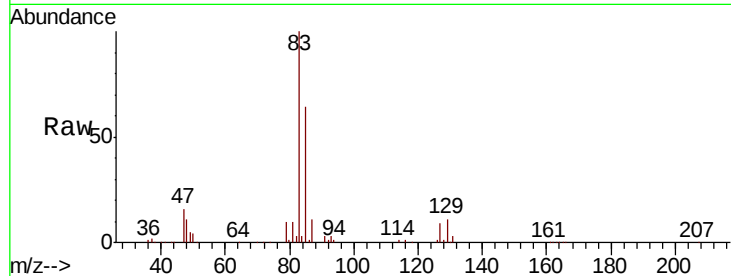
Tot Ion: 83 Resp: 113582

Ion Ratio Lower Upper

83 100

85 63.8 49.7 74.5

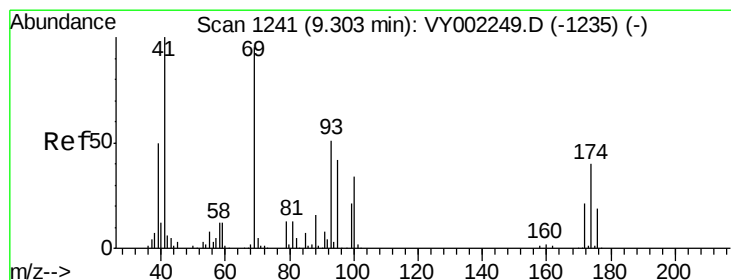
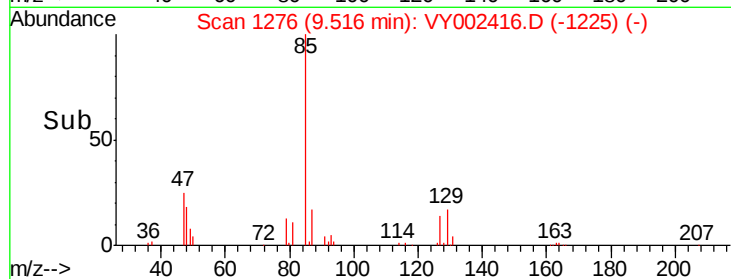
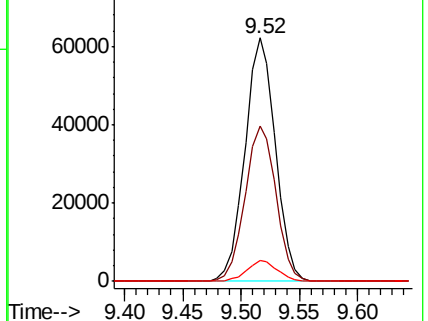
127 8.7 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 40.166 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

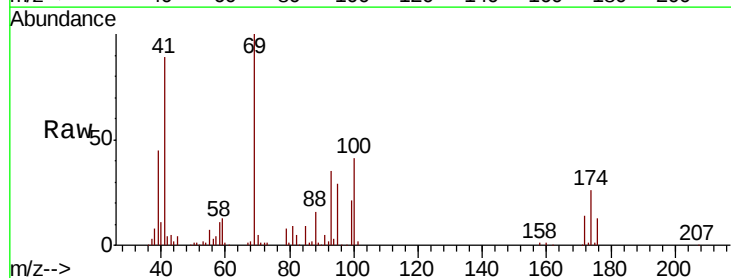
Tgt Ion: 41 Resp: 48449

Ion Ratio Lower Upper

41 100

69 123.0 76.7 115.1#

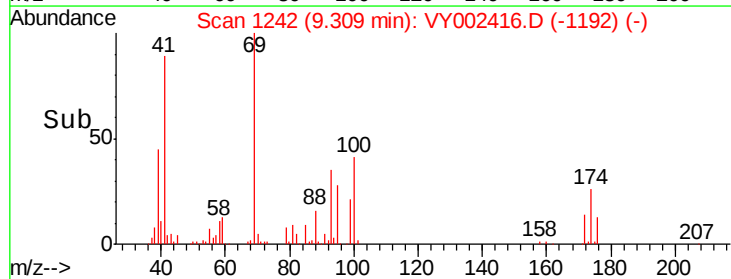
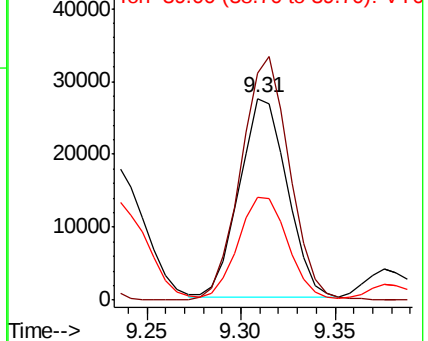
39 53.8 40.5 60.7

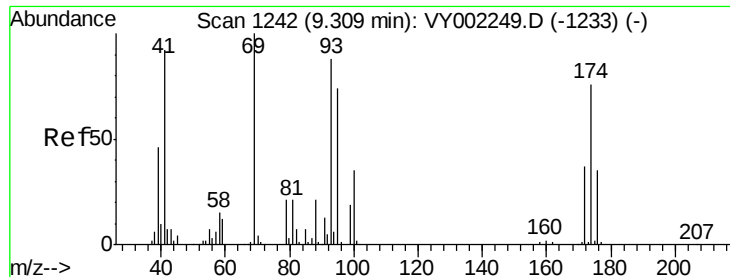


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1109.116 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :

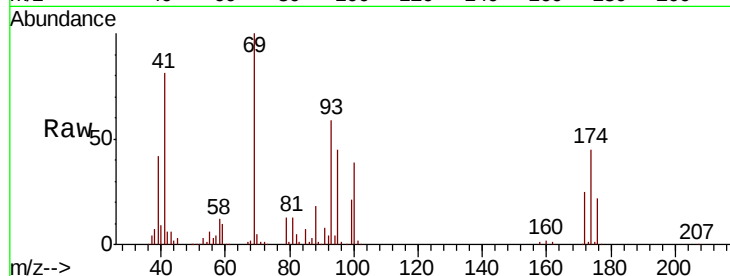
Tot Ion: 88 Resp: 15944

Ion Ratio Lower Upper

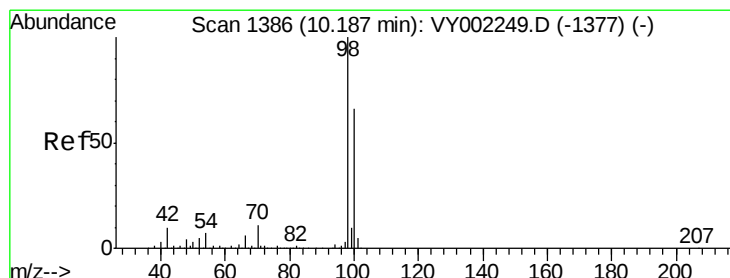
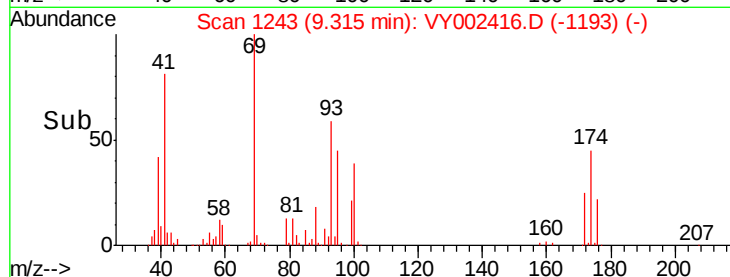
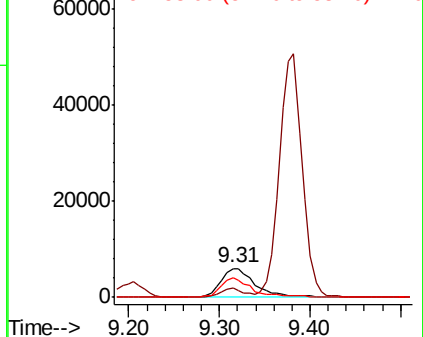
88 100

43 22.0 22.2 33.2#

58 63.0 57.6 86.4



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: 45.567 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002416.D

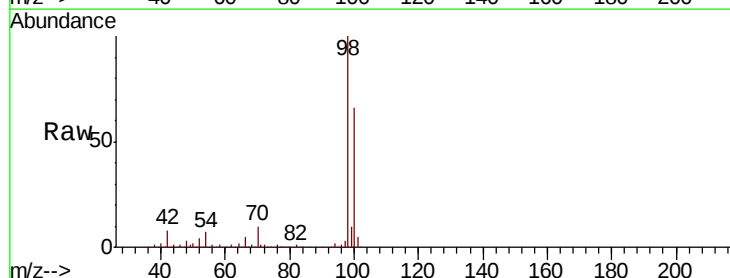
Acq: 17 Apr 2020 21:31

Tgt Ion: 98 Resp: 297480

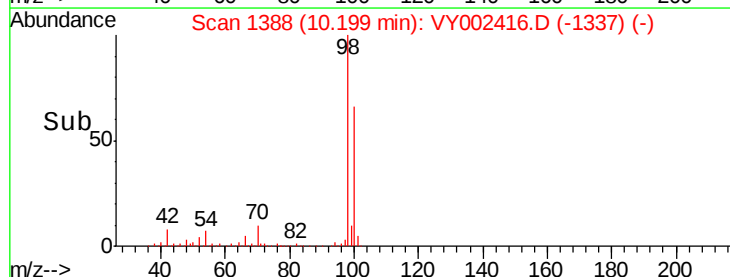
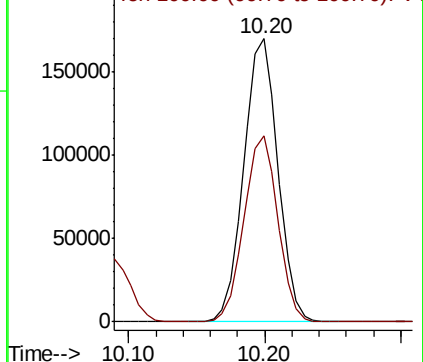
Ion Ratio Lower Upper

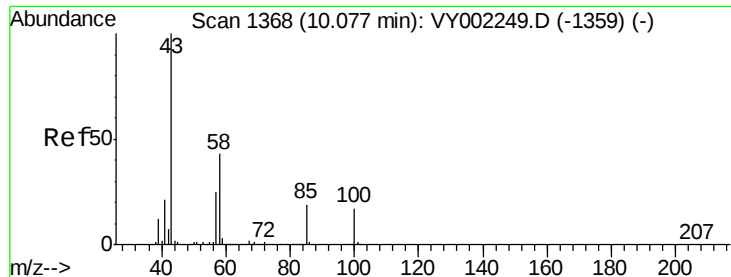
98 100

100 65.3 52.6 78.8



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

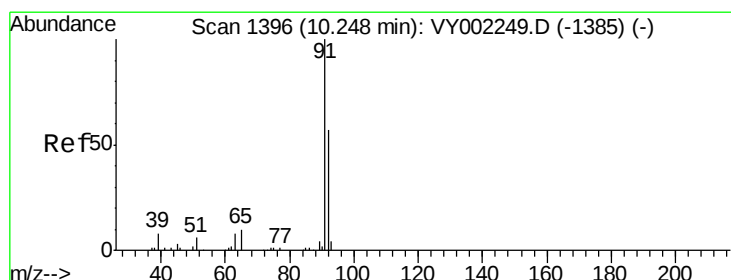
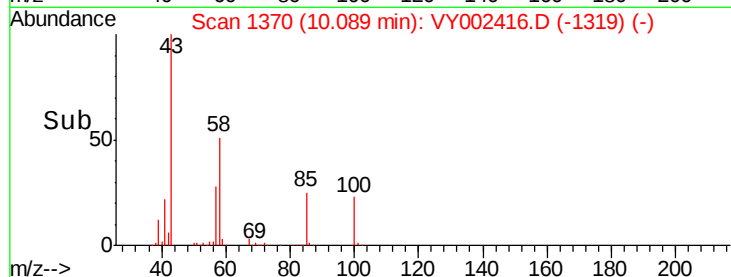
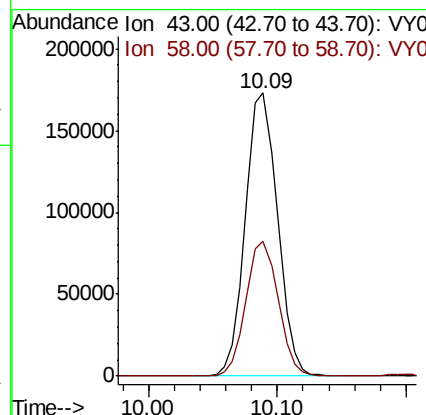
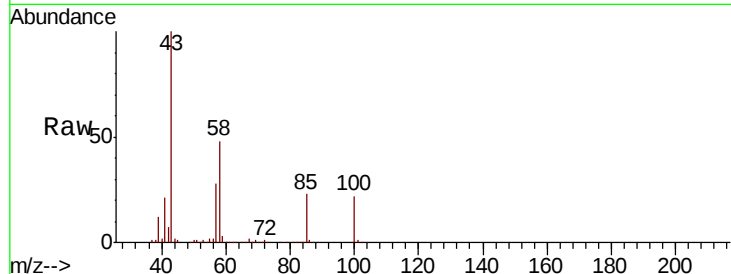




#51
4-Methyl-2-Pentanone
Concen: 213.173 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

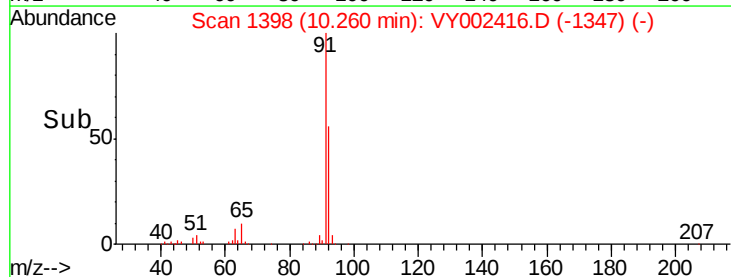
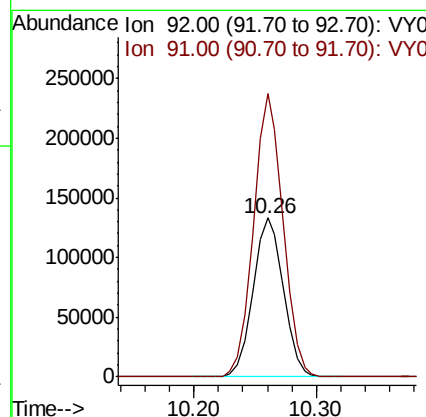
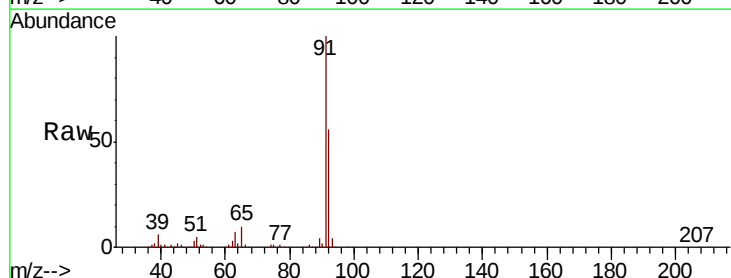
Instrument :
MSVOA_Y
ClientSampleId :

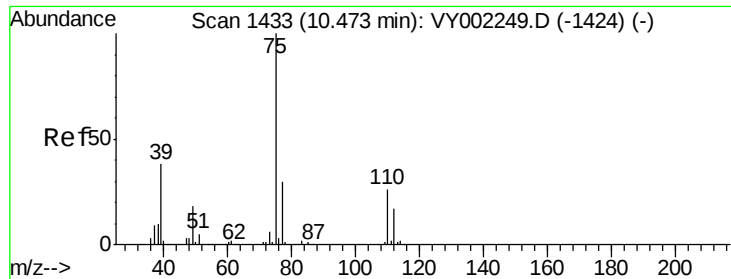
Tot Ion: 43 Resp: 298815
Ion Ratio Lower Upper
43 100
58 48.1 33.8 50.8



#52
Toluene
Concen: 48.495 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 92 Resp: 228941
Ion Ratio Lower Upper
92 100
91 173.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 48.165 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

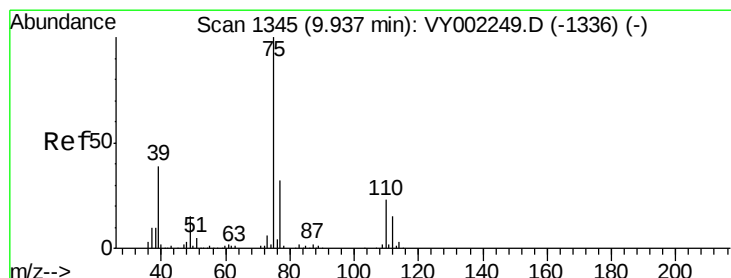
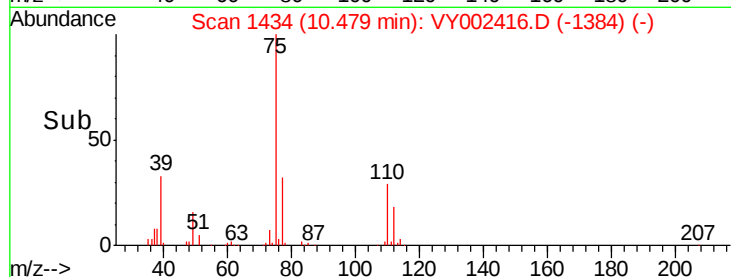
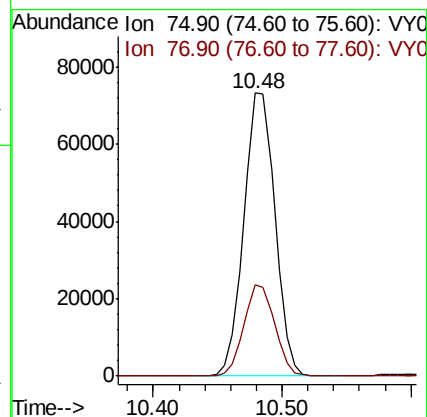
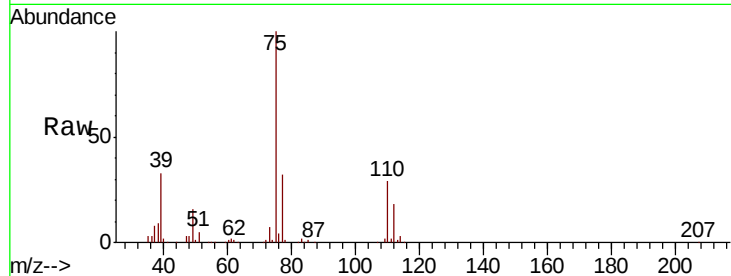
ClientSampleId :

Tot Ion: 75 Resp: 122370

Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 48.247 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

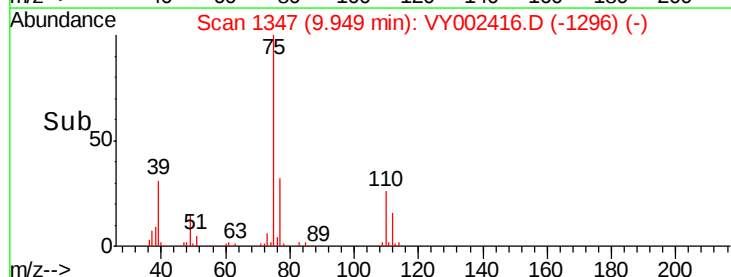
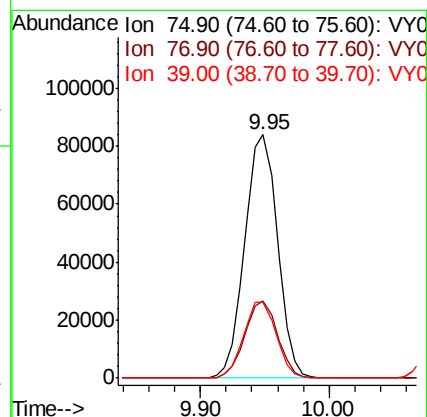
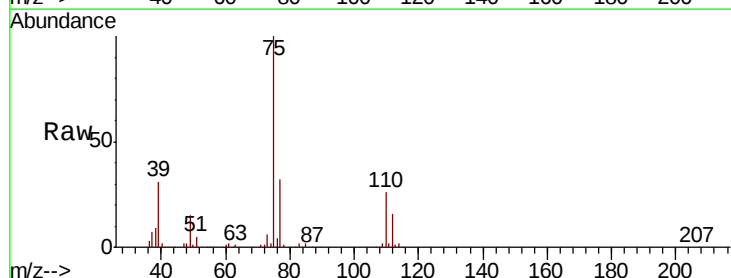
Tgt Ion: 75 Resp: 147367

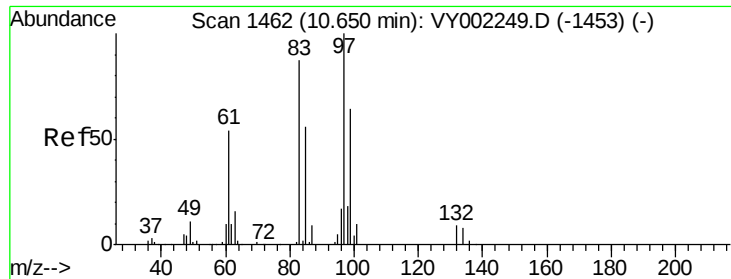
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 31.1 30.8 46.2





#55

1,1,2-Trichloroethane

Concen: 53.322 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 79335

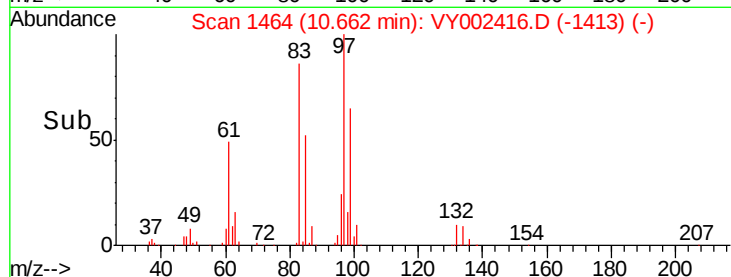
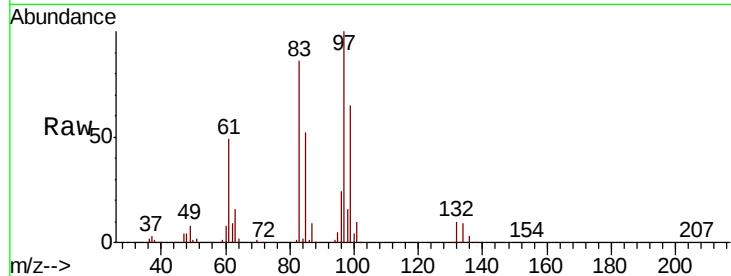
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.5	104.3
85	52.5	45.2	67.8
99	65.1	50.9	76.3

97 100

83 85.7 69.5 104.3

85 52.5 45.2 67.8

99 65.1 50.9 76.3

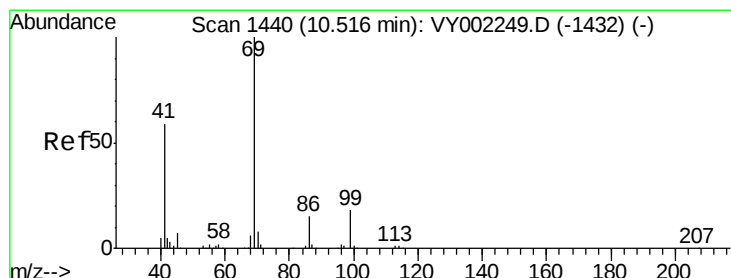
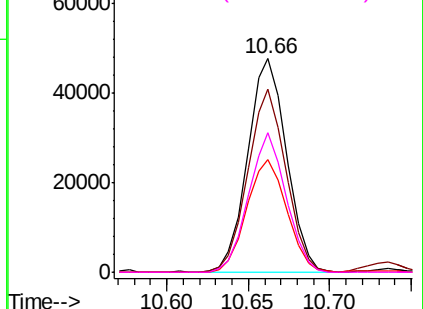


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 50.504 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

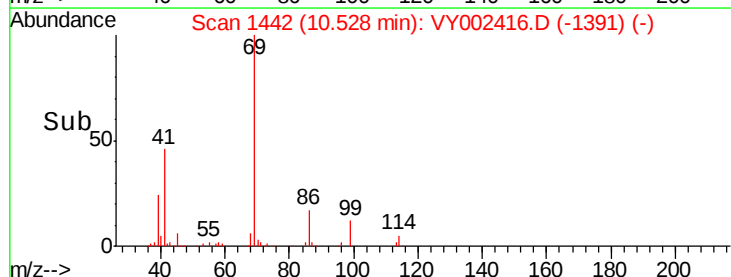
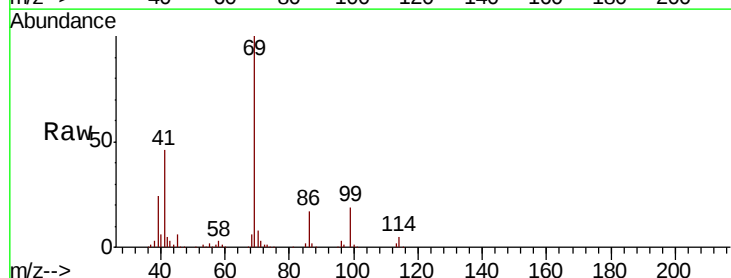
Tgt Ion: 69 Resp: 107246

Ion	Ratio	Lower	Upper
69	100		
41	48.4	47.9	71.9
39	24.4	23.8	35.6

69 100

41 48.4 47.9 71.9

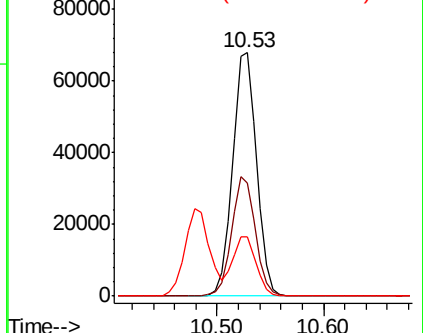
39 24.4 23.8 35.6

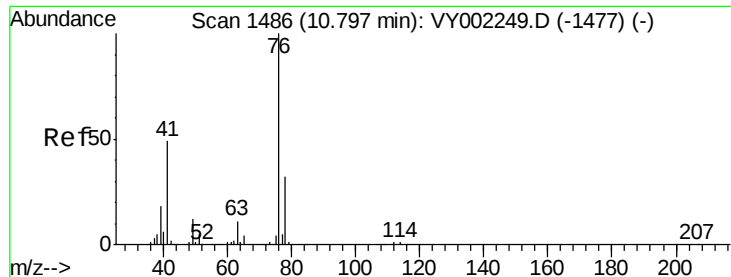


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.124 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

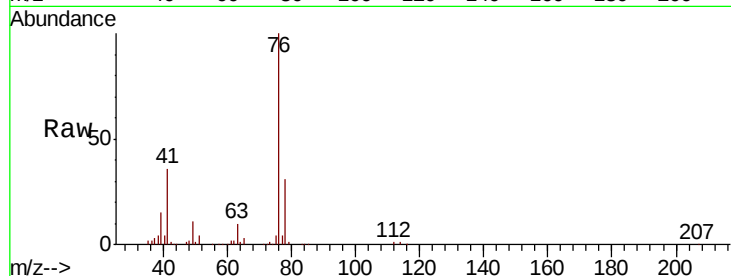
ClientSampled :

Tot Ion: 76 Resp: 131083

Ion Ratio Lower Upper

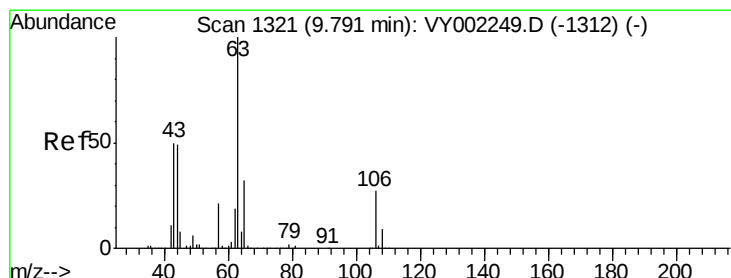
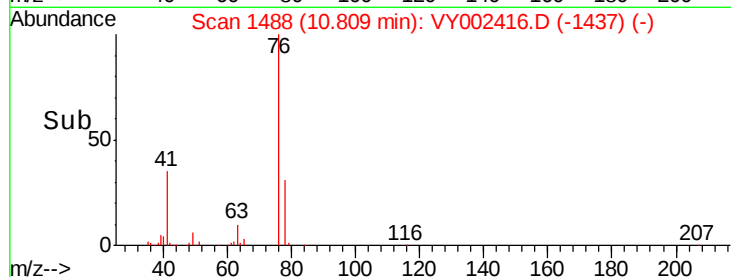
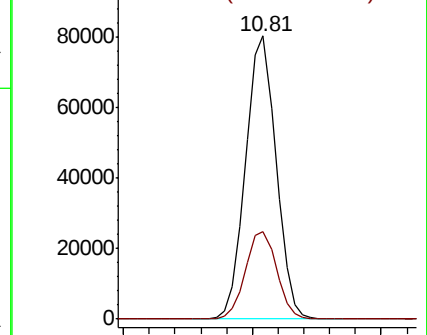
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.873 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002416.D

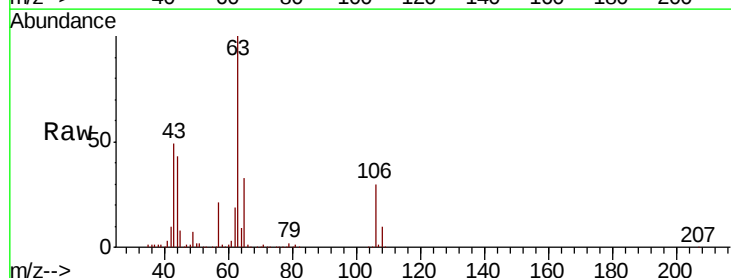
Acq: 17 Apr 2020 21:31

Tgt Ion: 63 Resp: 286870

Ion Ratio Lower Upper

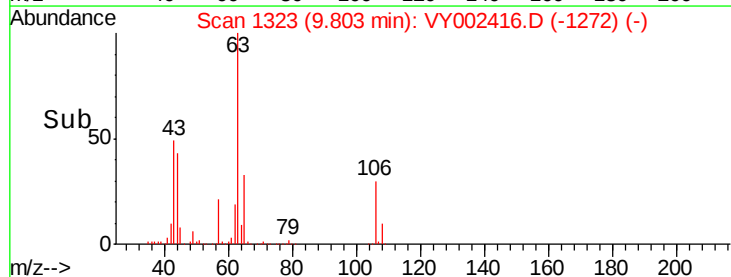
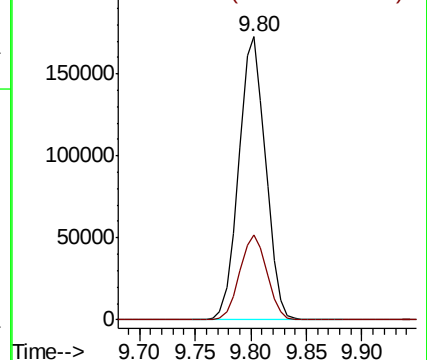
63 100

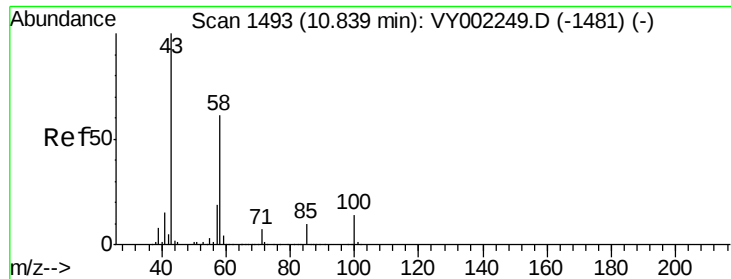
106 30.2 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

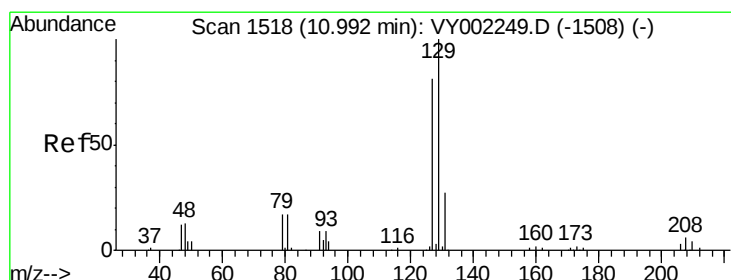
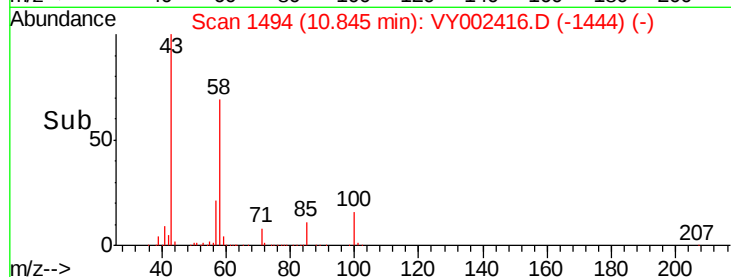
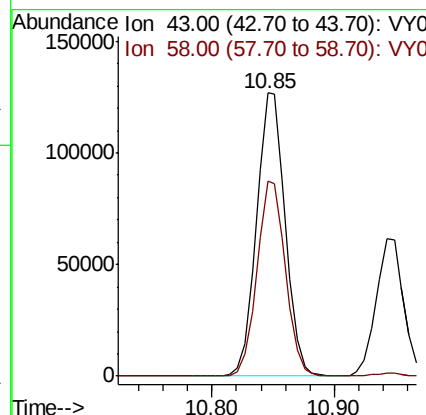
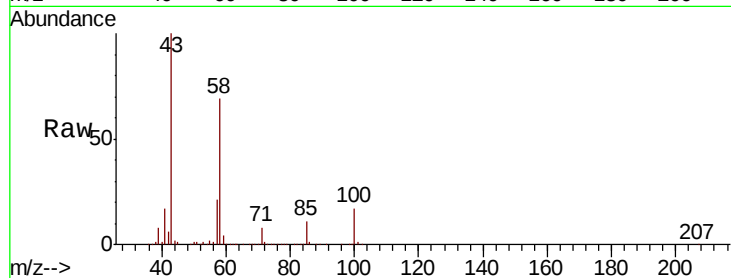




#59
2-Hexanone
Concen: 213.080 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

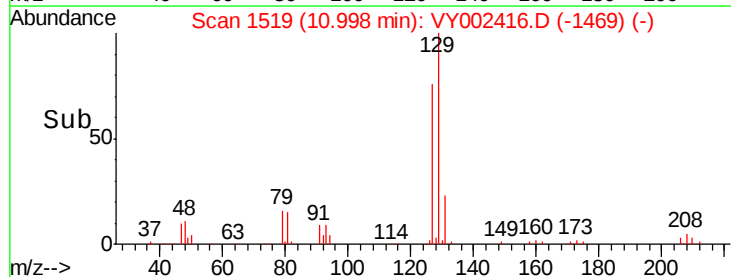
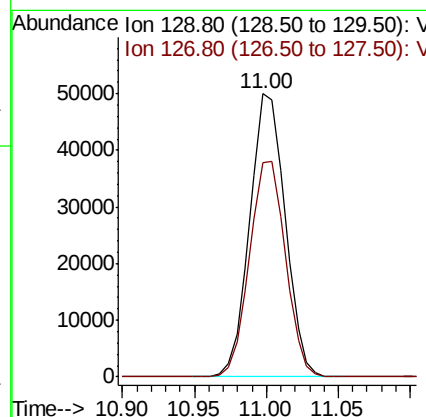
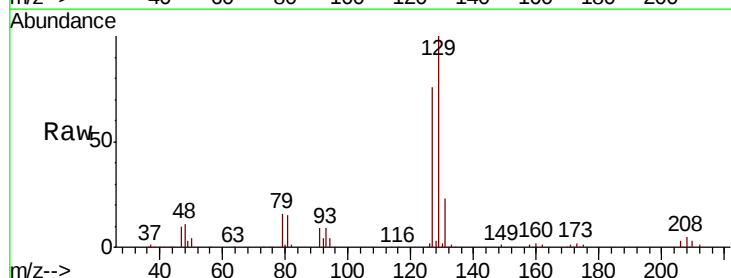
Instrument :
MSVOA_Y
ClientSampled :

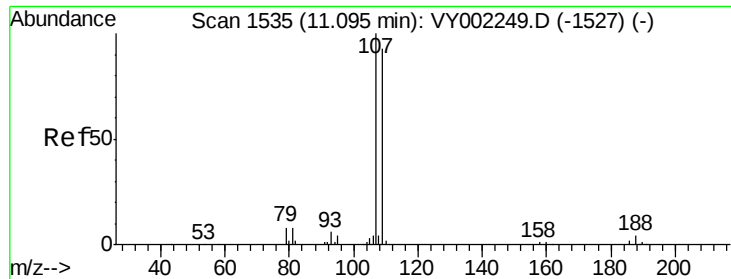
Tot Ion: 43 Resp: 207296
Ion Ratio Lower Upper
43 100
58 68.3 29.8 89.3



#60
Dibromochloromethane
Concen: 53.554 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 129 Resp: 84962
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

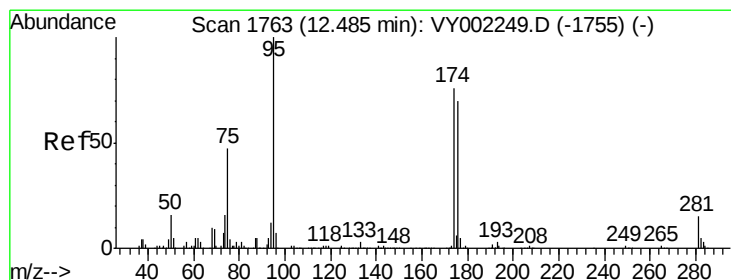
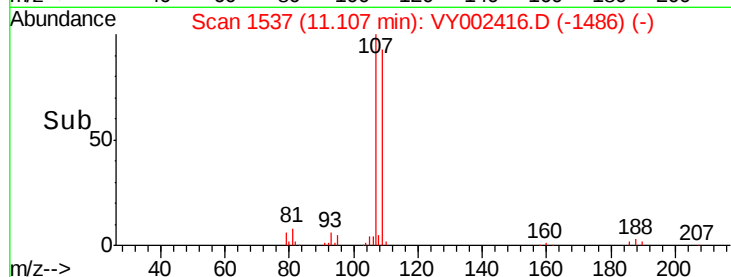
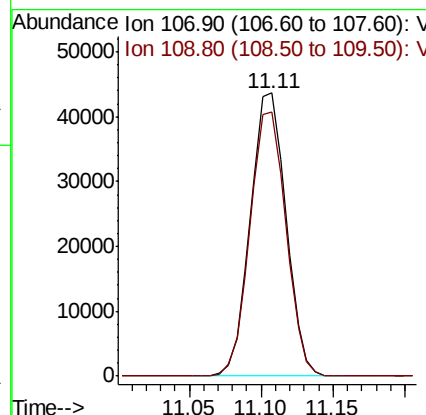
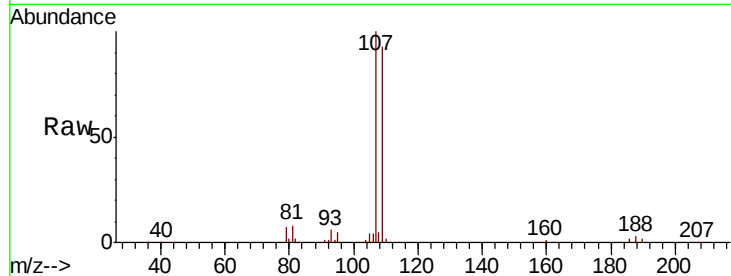




#61
 1,2-Dibromoethane
 Concen: 52.832 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

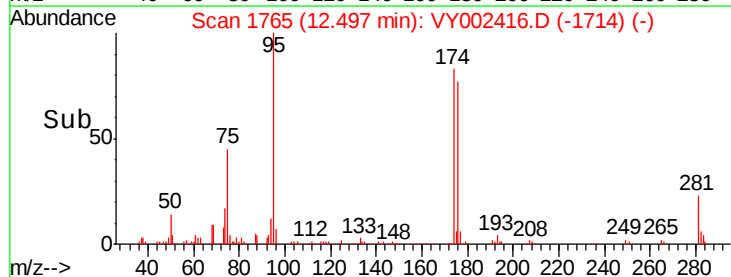
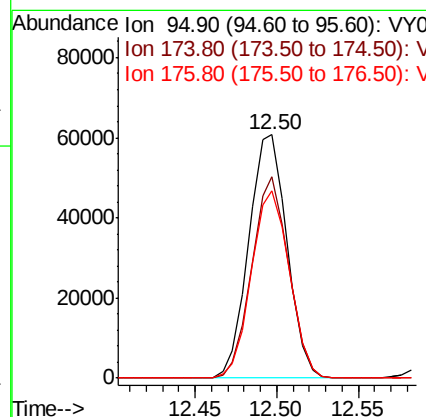
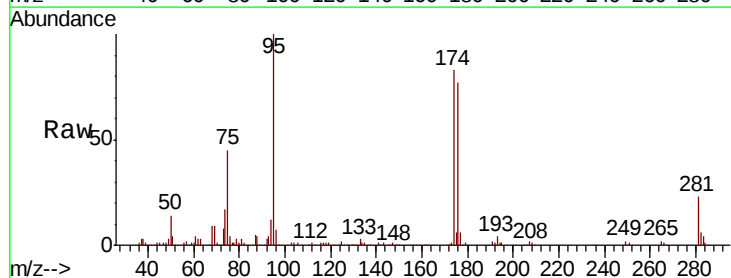
Instrument :
 MSVOA_Y
 ClientSampleId :

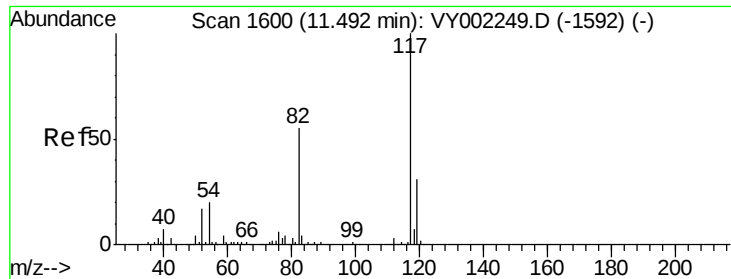
Tot Ion:107 Resp: 74833
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.903 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 95 Resp: 98867
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 150.6
 176 76.7 0.0 141.4

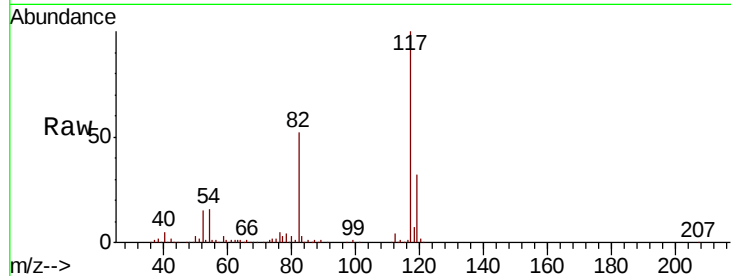




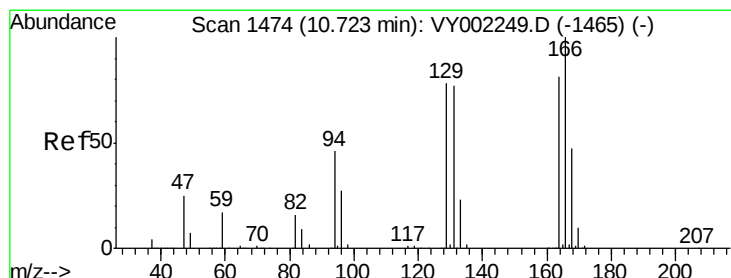
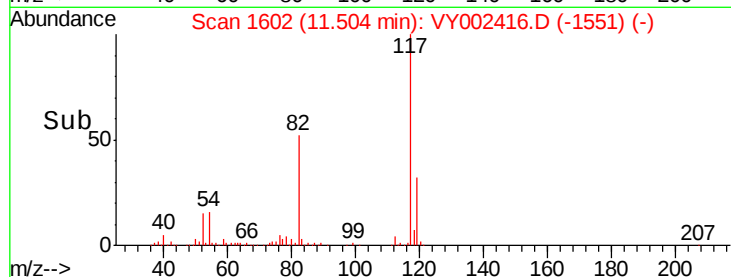
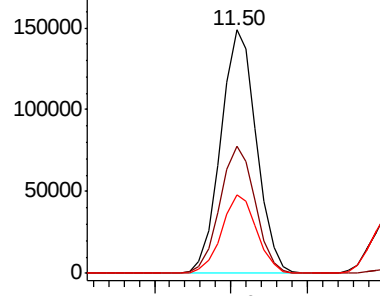
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 240129
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.4
119 32.1 25.1 37.7

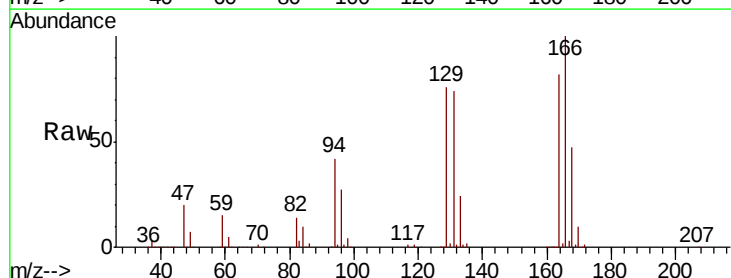


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

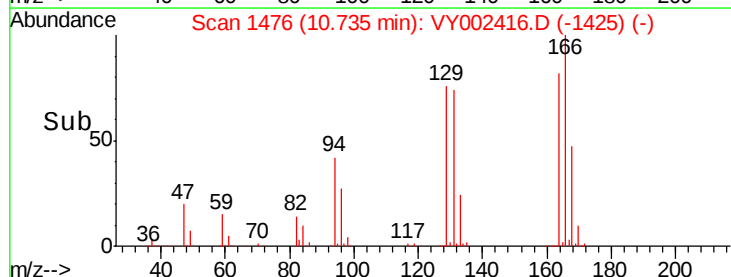
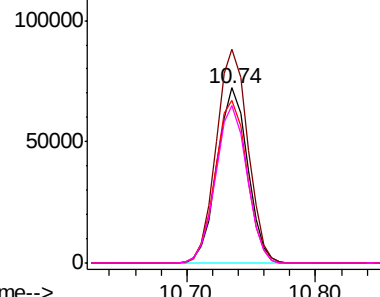


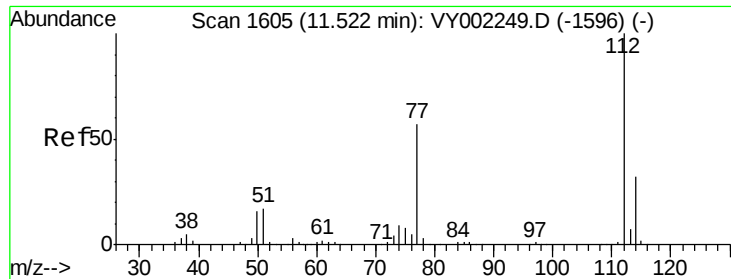
#64
Tetrachloroethene
Concen: 49.051 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:164 Resp: 119085
Ion Ratio Lower Upper
164 100
166 121.8 98.4 147.6
129 92.6 76.6 115.0
131 90.2 75.4 113.2



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

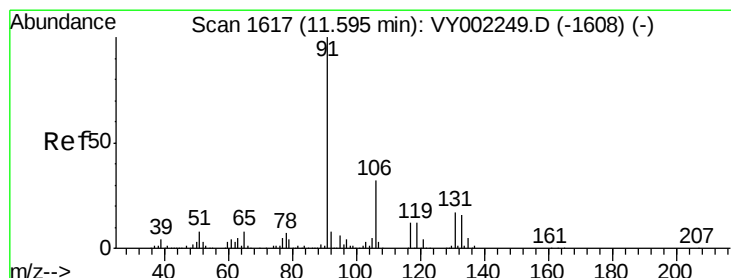
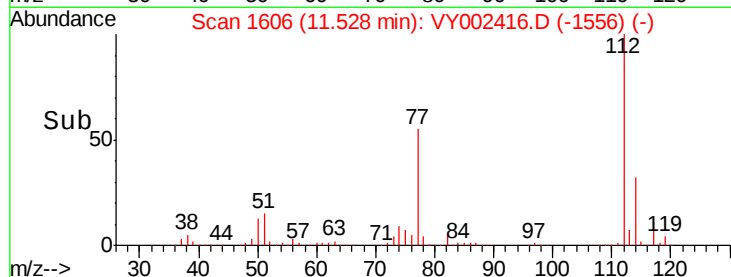
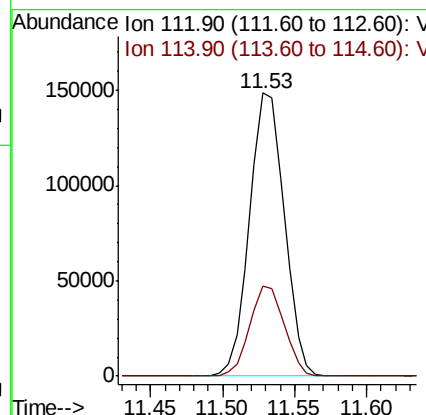
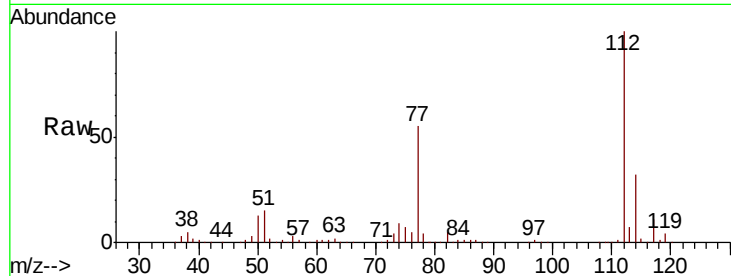




#65
Chlorobenzene
Concen: 49.806 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

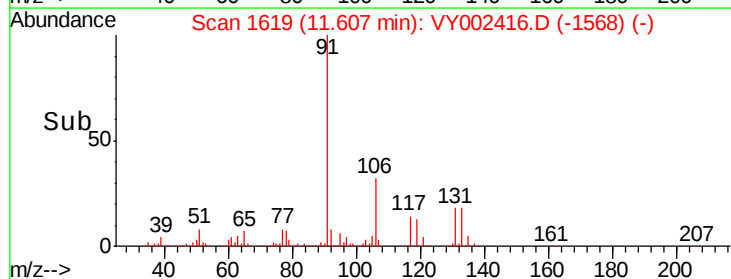
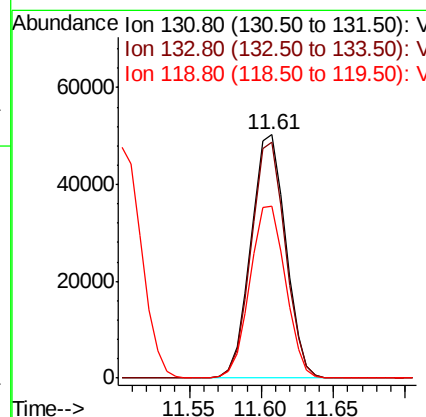
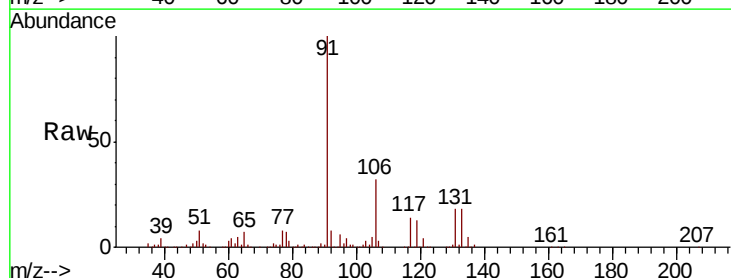
Instrument :
MSVOA_Y
ClientSampleId :

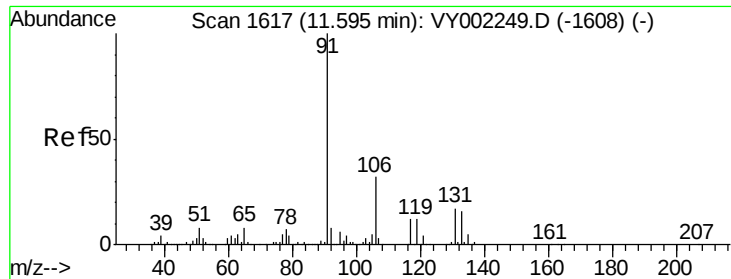
Tot Ion:112 Resp: 248611
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.854 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:131 Resp: 83809
Ion Ratio Lower Upper
131 100
133 95.7 46.5 139.3
119 72.0 34.5 103.6

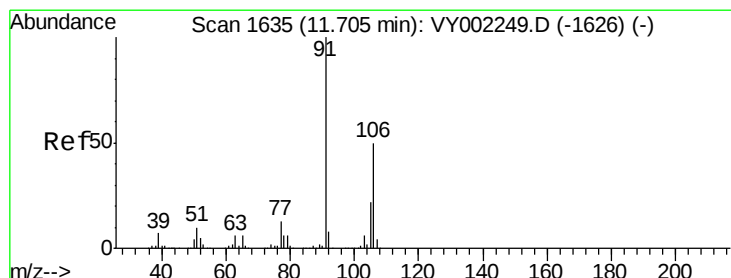
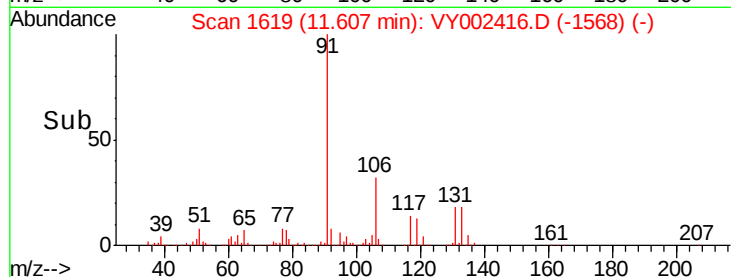
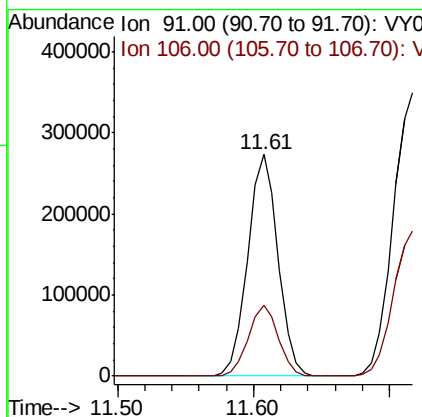
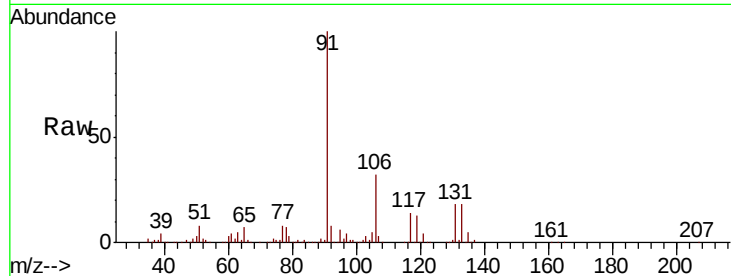




#67
Ethyl Benzene
Concen: 46.399 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

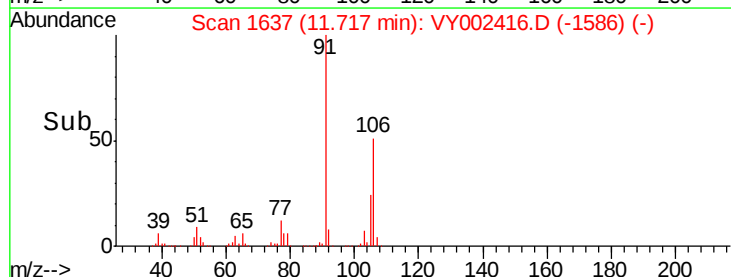
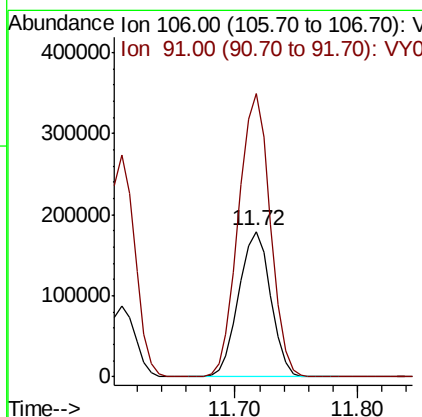
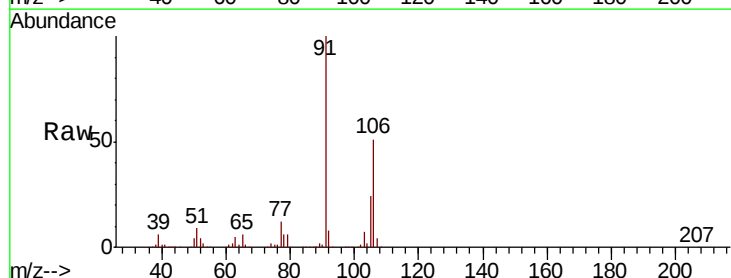
Instrument :
MSVOA_Y
ClientSampleId :

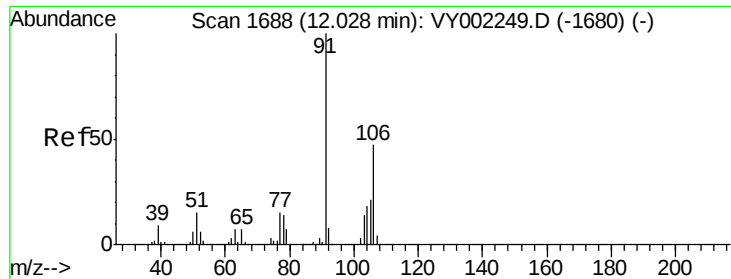
Tot Ion: 91 Resp: 423989
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 94.949 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 106 Resp: 324971
Ion Ratio Lower Upper
106 100
91 193.9 159.8 239.6

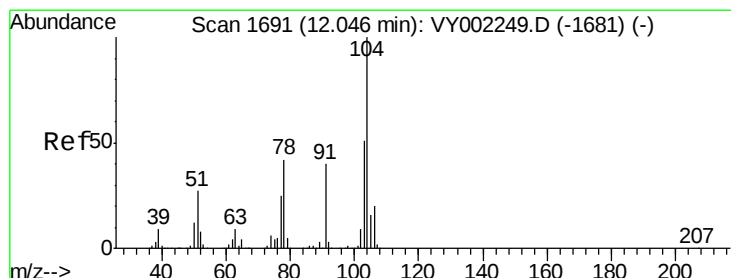
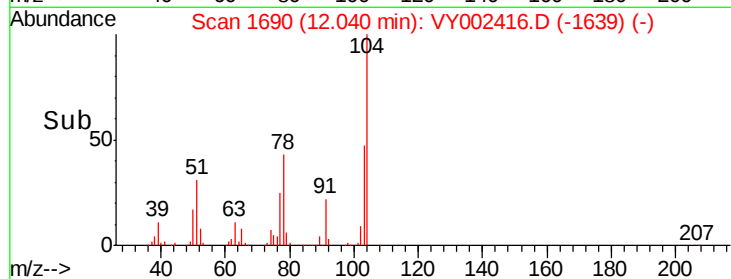
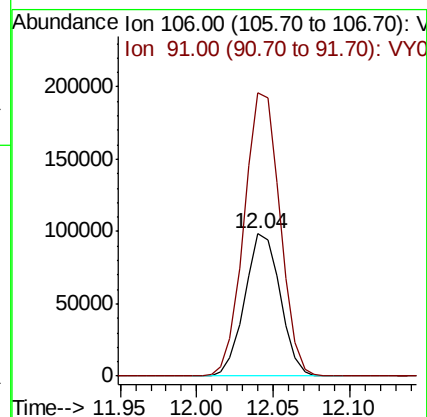
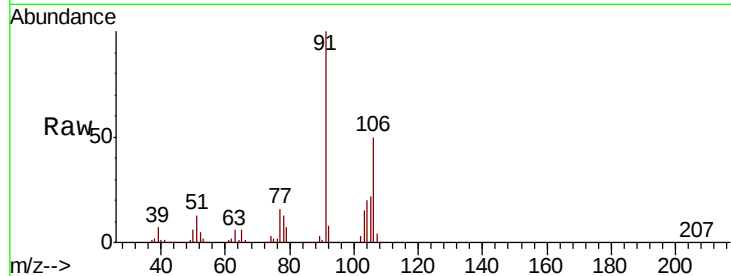




#69
o-Xylene
Concen: 49.358 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

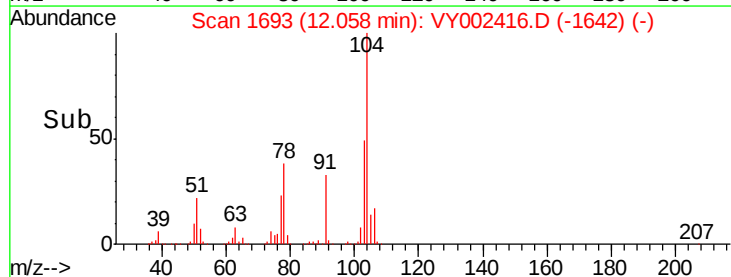
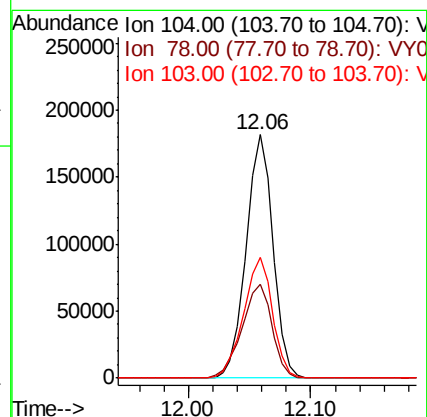
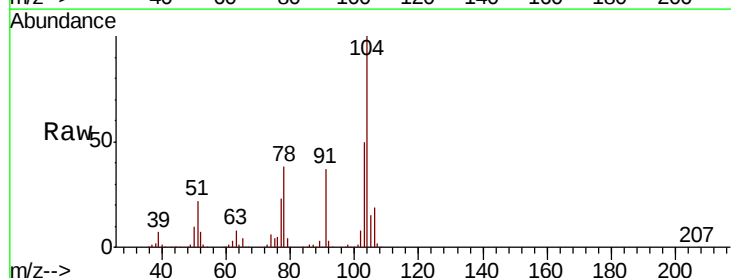
Instrument :
MSVOA_Y
ClientSampled :

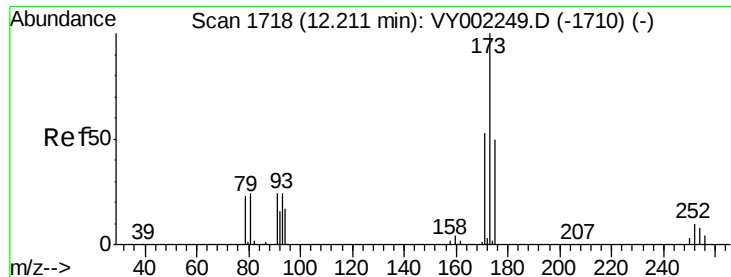
Tot Ion:106 Resp: 158600
Ion Ratio Lower Upper
106 100
91 201.6 105.8 317.3



#70
Styrene
Concen: 49.675 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:104 Resp: 276927
Ion Ratio Lower Upper
104 100
78 43.1 37.2 55.8
103 53.3 43.4 65.0

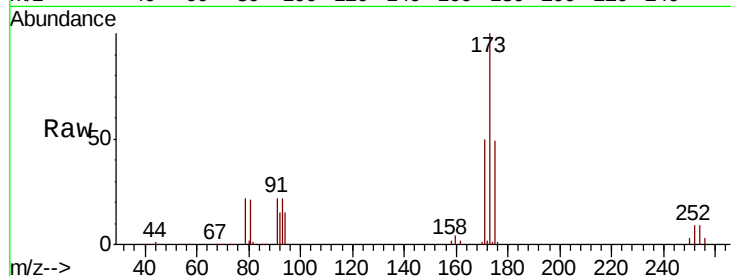




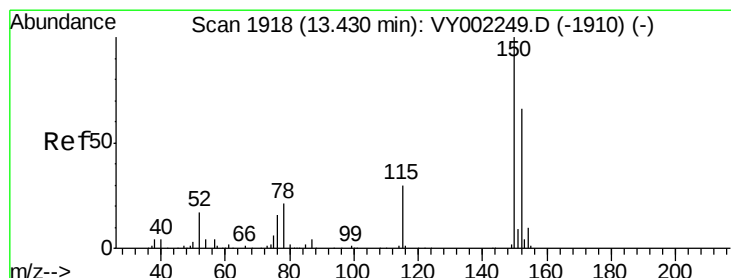
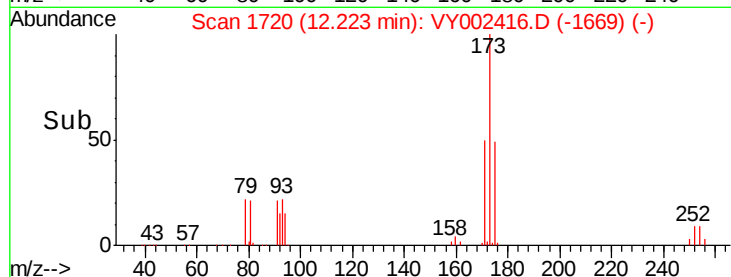
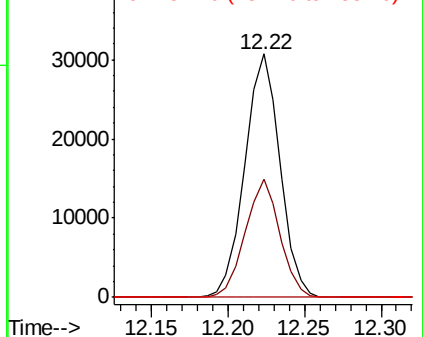
#71
Bromoform
Concen: 54.729 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 49049
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.3
254 0.0 0.0 0.0

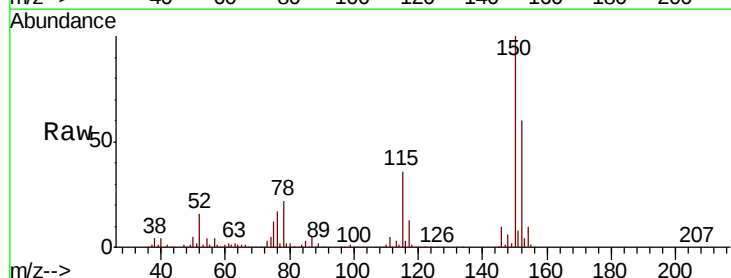


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

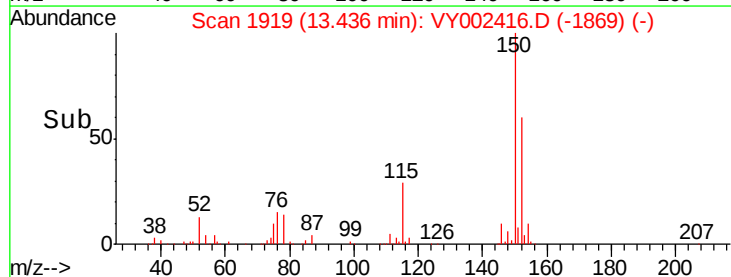
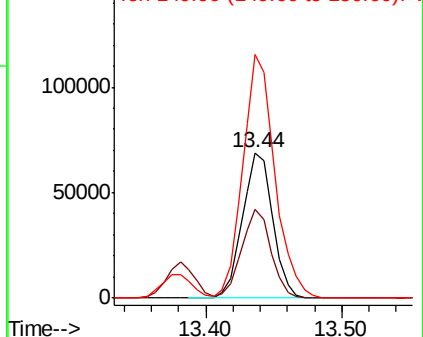


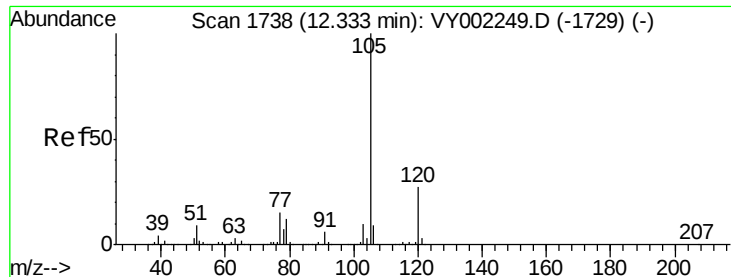
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:152 Resp: 107004
Ion Ratio Lower Upper
152 100
115 59.2 30.7 92.1
150 177.3 0.0 350.6



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

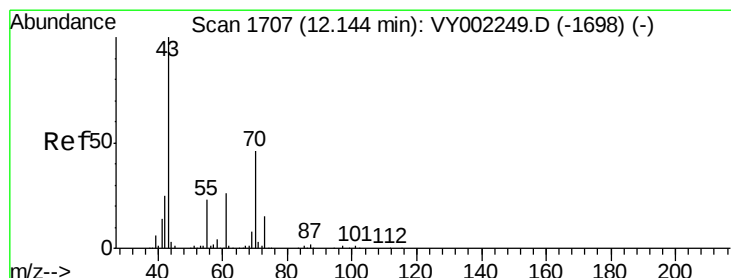
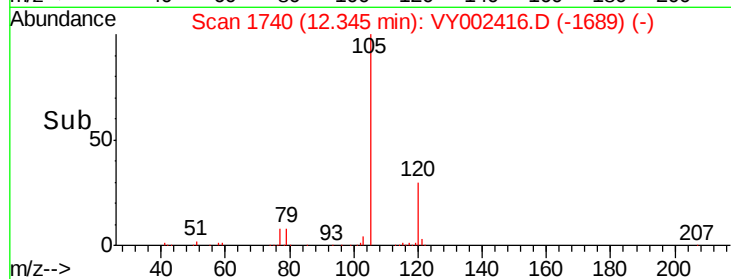
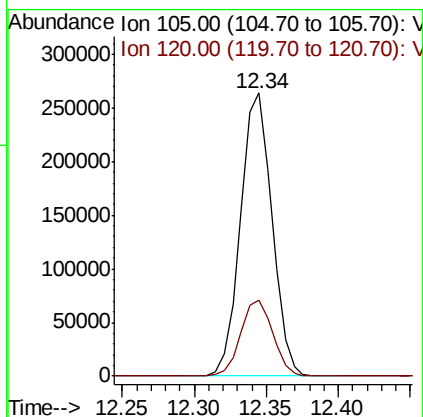
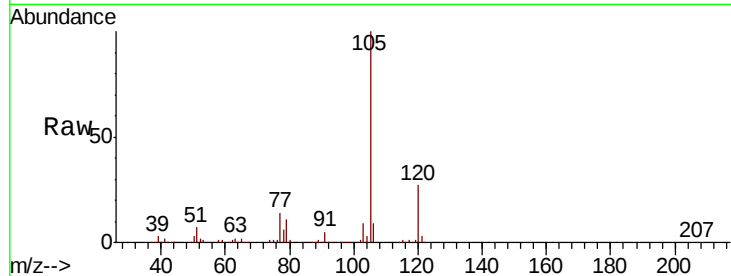




#73
Isopropylbenzene
Concen: 47.533 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

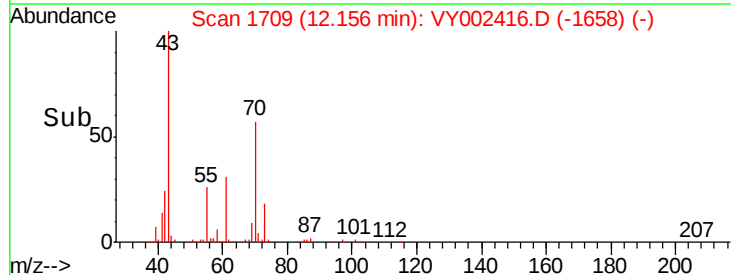
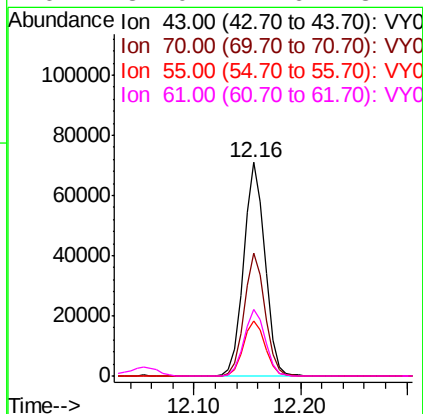
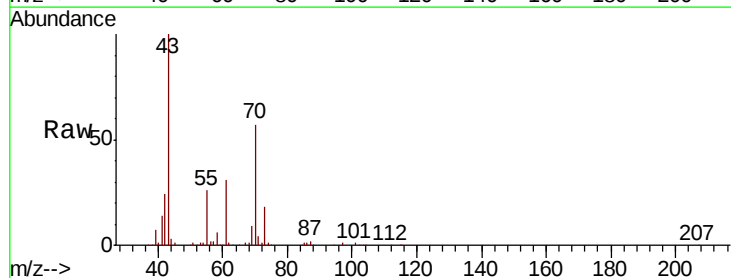
Instrument :
MSVOA_Y
ClientSampled :

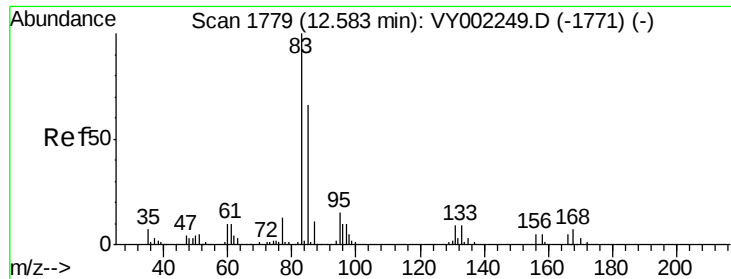
Tot Ion:105 Resp: 399577
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.8



#74
N-ethyl acetate
Concen: 41.833 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion: 43 Resp: 99824
Ion Ratio Lower Upper
43 100
70 56.1 37.5 56.3
55 26.2 19.0 28.6
61 31.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.727 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

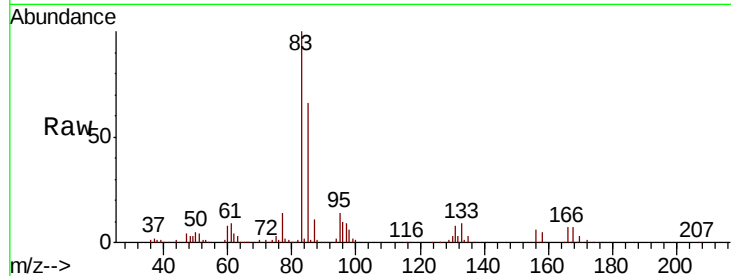
Tot Ion: 83 Resp: 54644

Ion Ratio Lower Upper

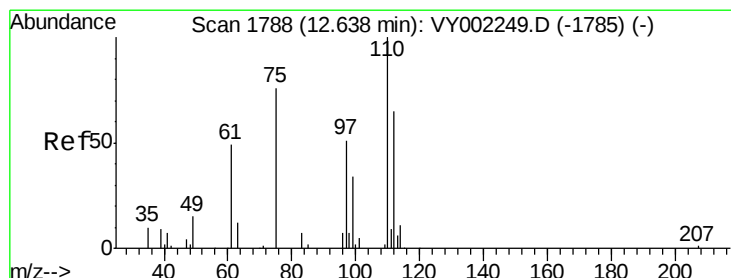
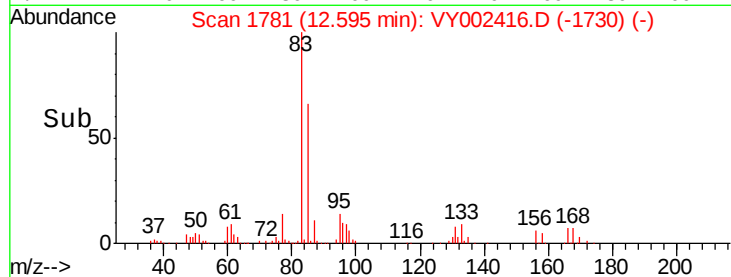
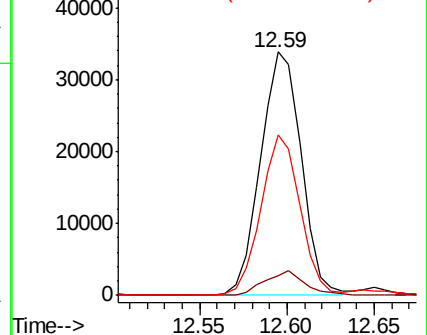
83 100

131 10.1 4.9 14.7

85 63.9 32.6 97.8



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



#76

1,2,3-Trichloropropane

Concen: 89.356 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002416.D

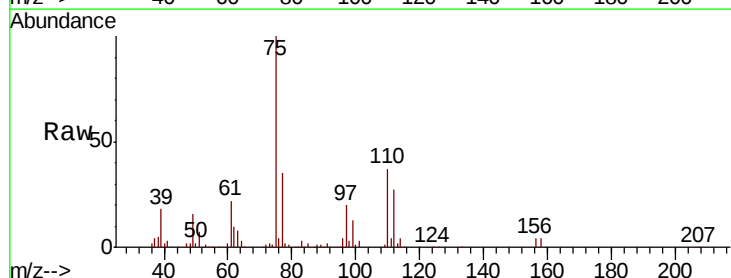
Acq: 17 Apr 2020 21:31

Tgt Ion: 75 Resp: 111029

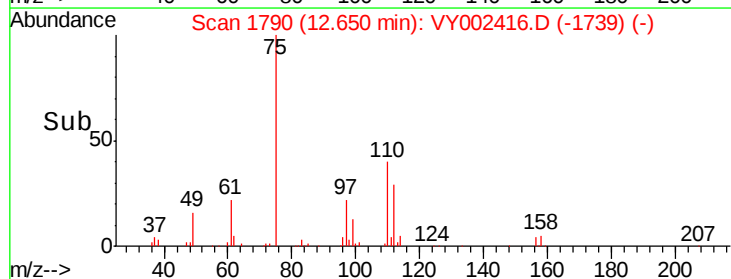
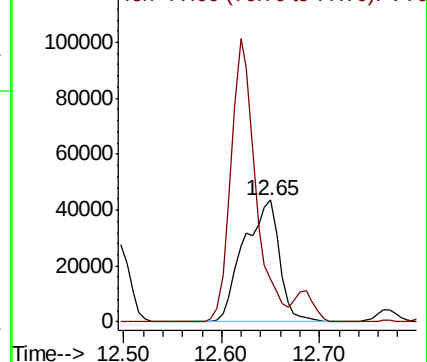
Ion Ratio Lower Upper

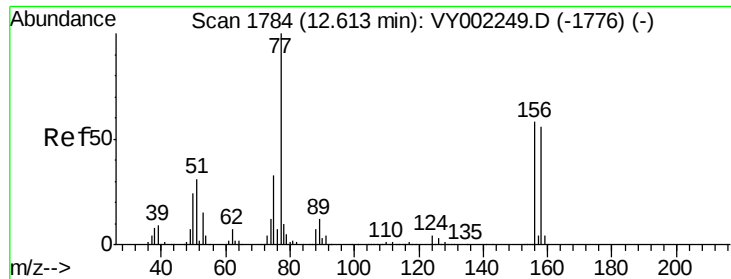
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.281 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampled :

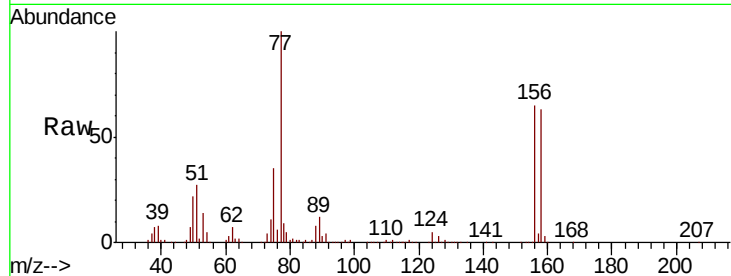
Tot Ion:156 Resp: 94843

Ion Ratio Lower Upper

156 100

77 188.2 101.3 303.9

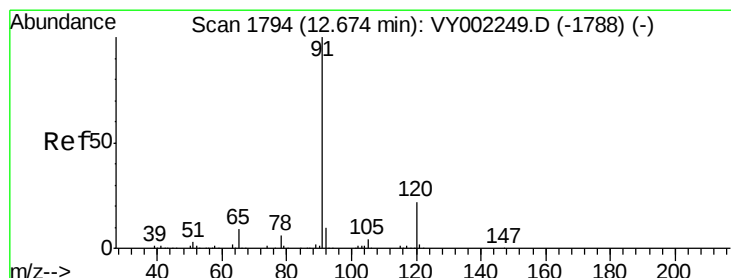
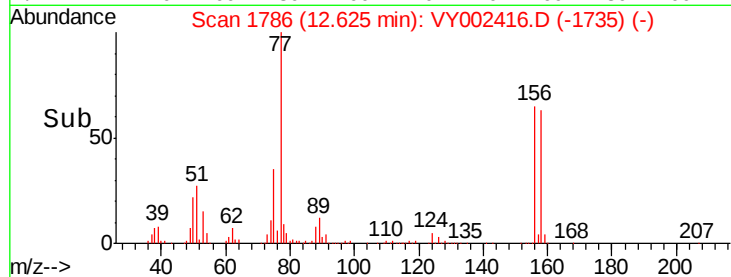
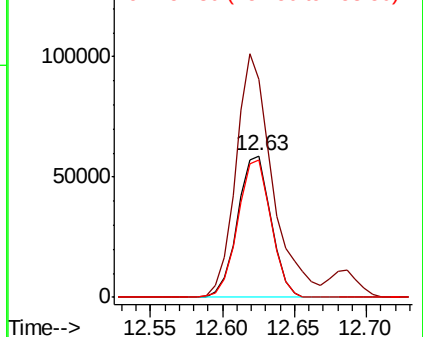
158 96.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.963 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002416.D

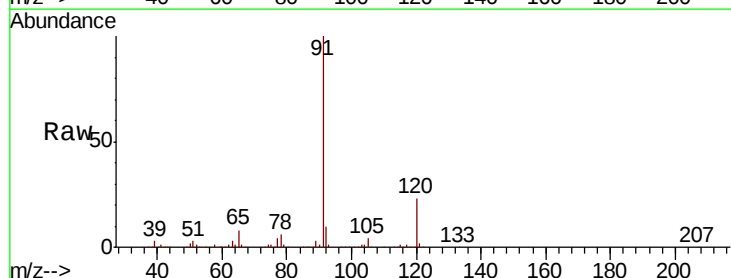
Acq: 17 Apr 2020 21:31

Tgt Ion: 91 Resp: 480543

Ion Ratio Lower Upper

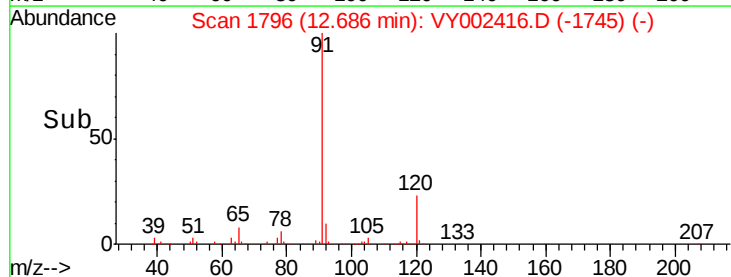
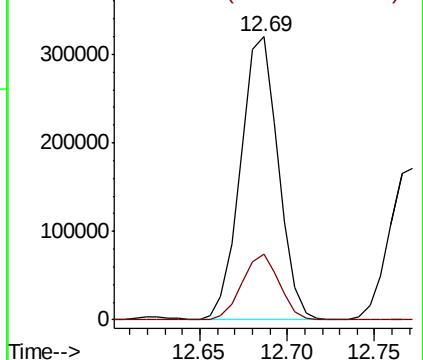
91 100

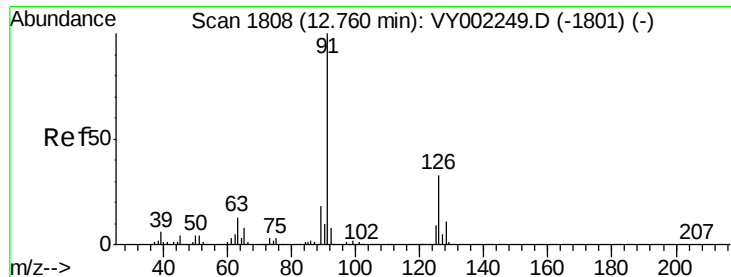
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

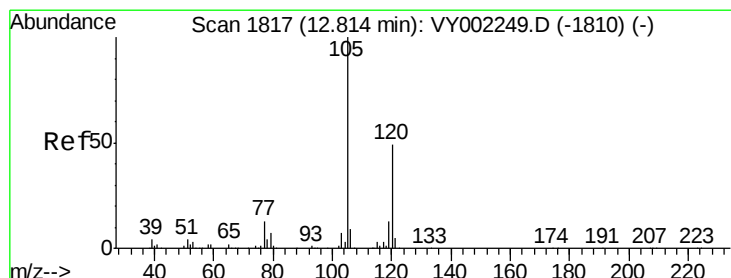
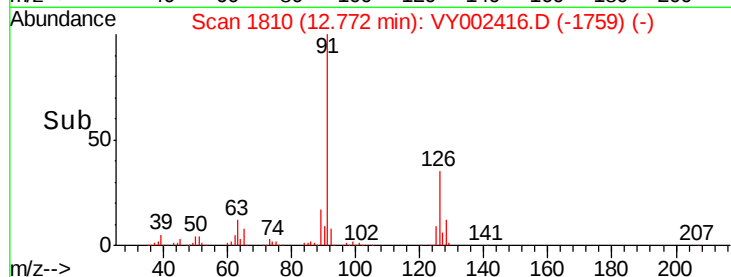
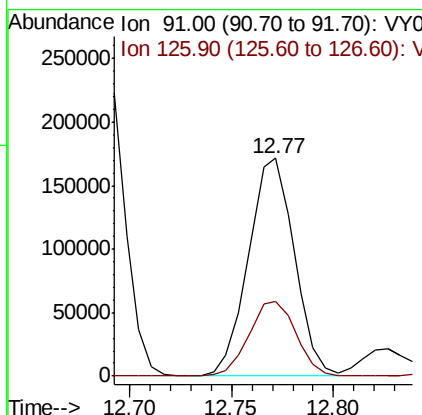
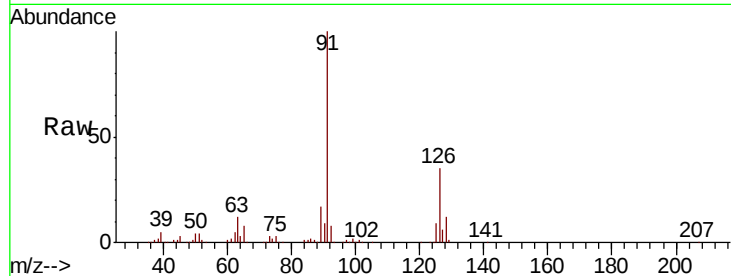




#79
 2-Chlorotoluene
 Concen: 47.455 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

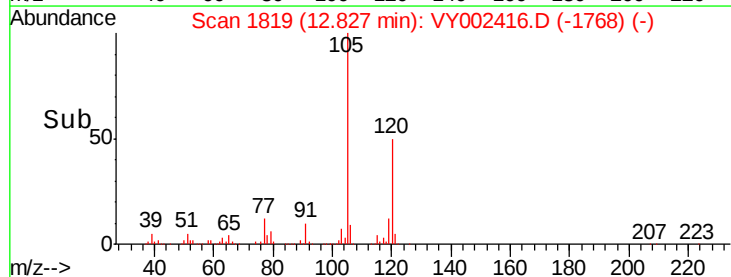
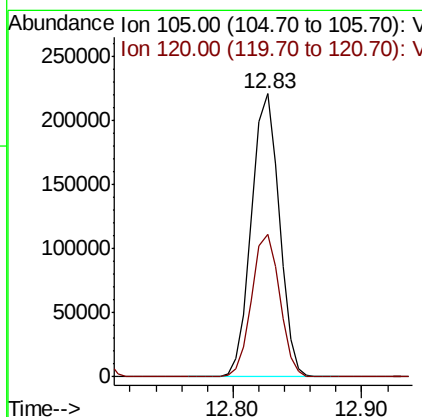
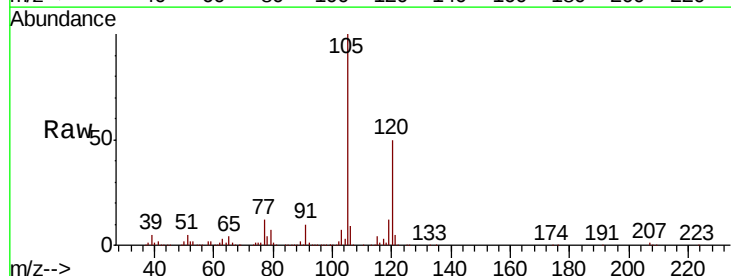
Instrument :
 MSVOA_Y
 ClientSampleId :

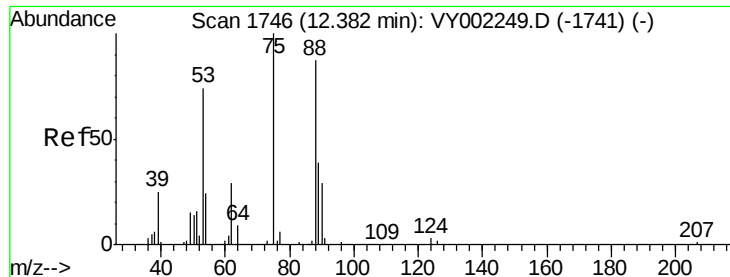
Tot Ion: 91 Resp: 269629
 Ion Ratio Lower Upper
 91 100
 126 35.2 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 47.234 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion: 105 Resp: 328386
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 48.421 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

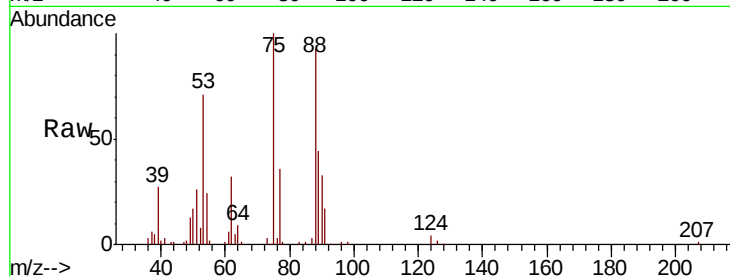
Tot Ion: 75 Resp: 30934

Ion Ratio Lower Upper

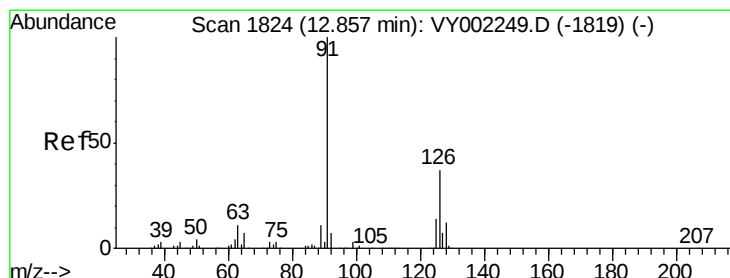
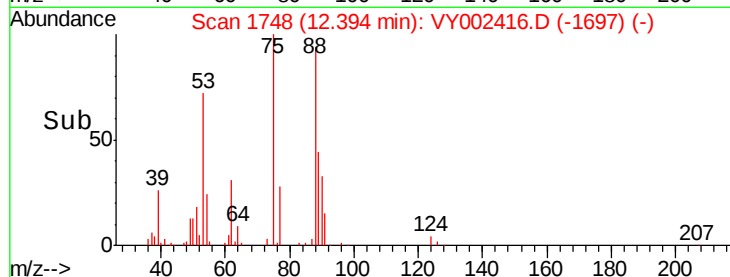
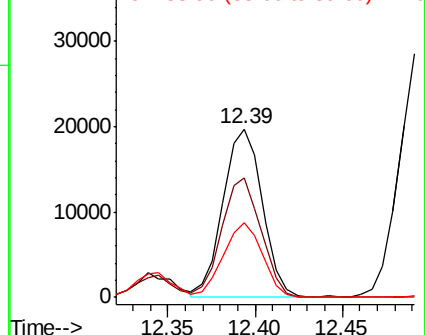
75 100

53 70.6 59.8 89.8

89 43.8 37.0 55.6



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: 45.985 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002416.D

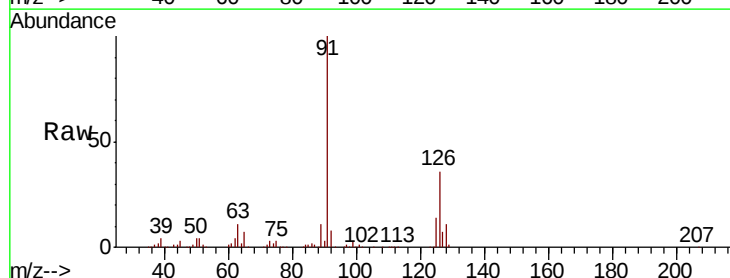
Acq: 17 Apr 2020 21:31

Tgt Ion: 91 Resp: 273848

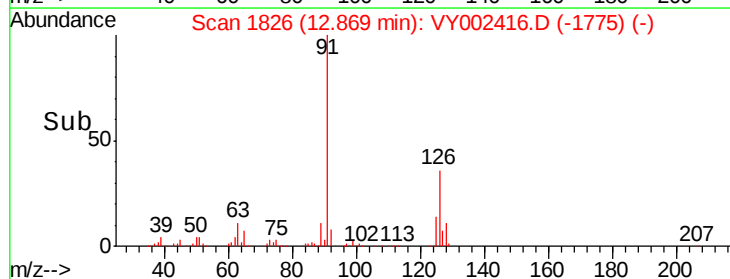
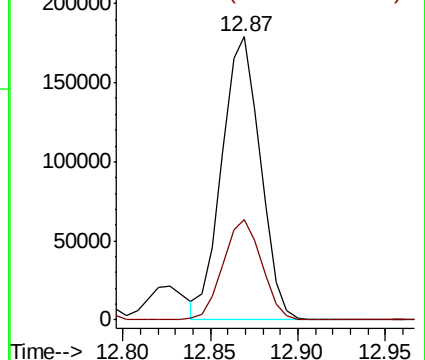
Ion Ratio Lower Upper

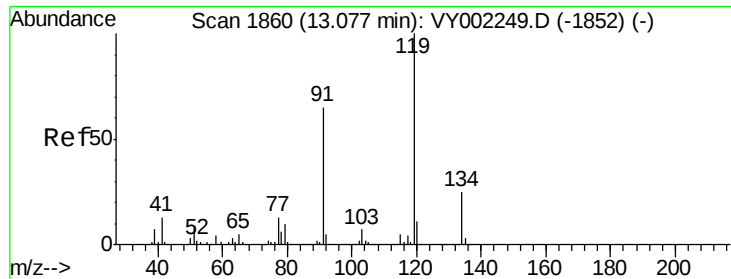
91 100

126 35.6 16.9 50.7



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

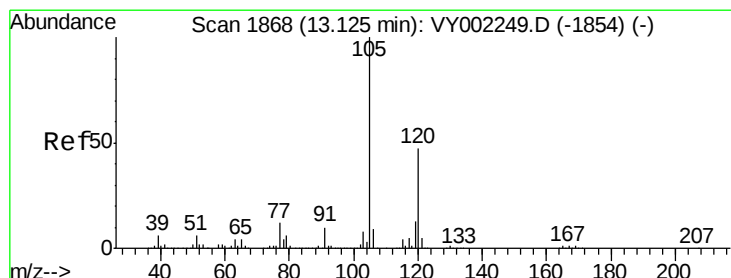
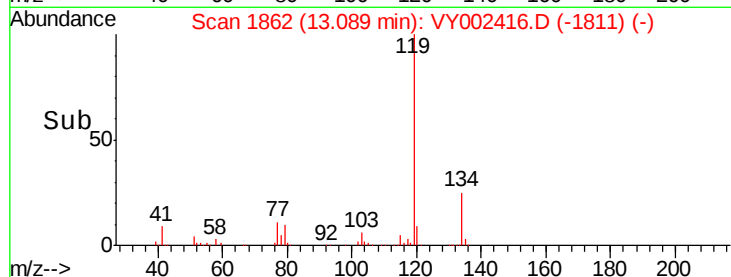
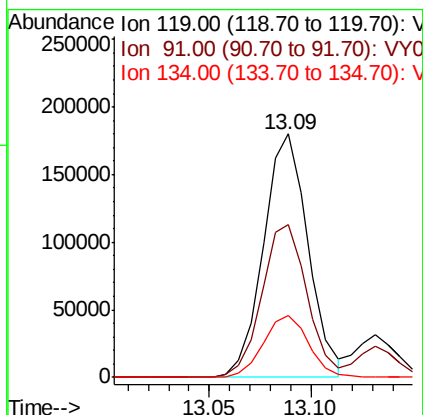
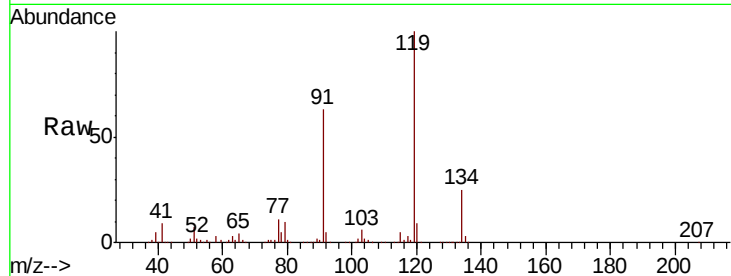




#83
tert-Butylbenzene
Concen: 47.075 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

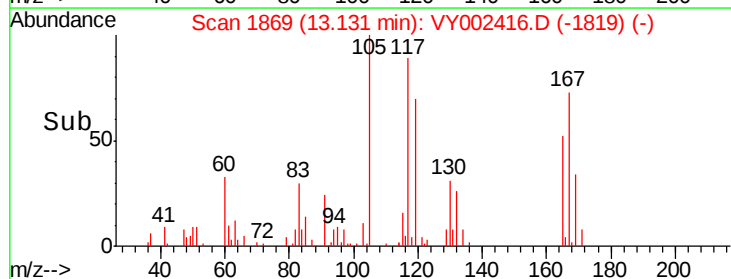
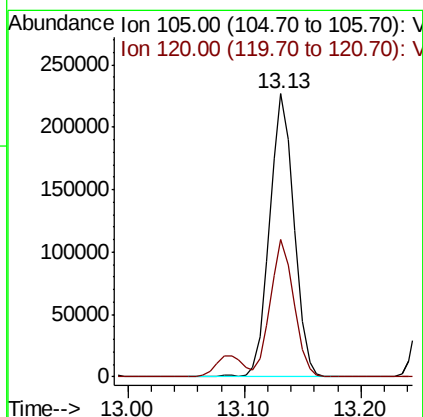
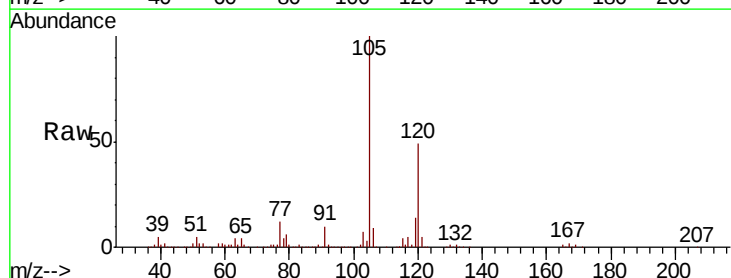
Instrument :
MSVOA_Y
ClientSampleId :

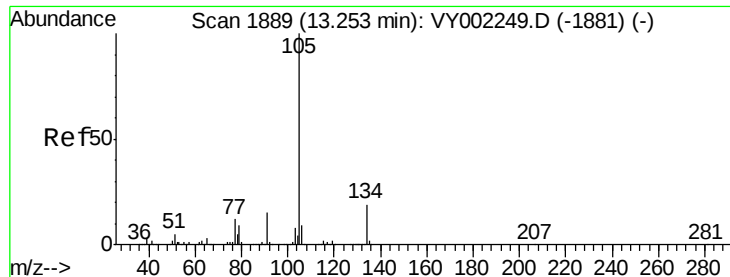
Tot Ion:119 Resp: 274137
Ion Ratio Lower Upper
119 100
91 63.7 32.4 97.0
134 25.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 47.791 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002416.D
Acq: 17 Apr 2020 21:31

Tgt Ion:105 Resp: 331780
Ion Ratio Lower Upper
105 100
120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 46.441 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

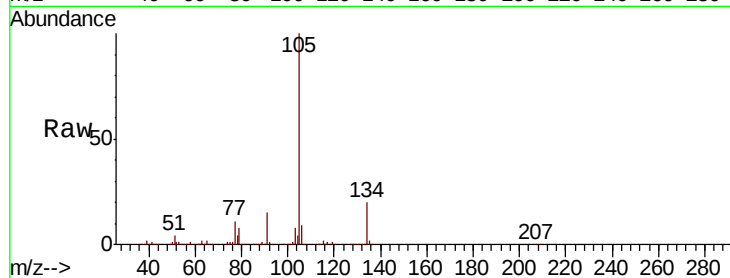
ClientSampleId :

Tot Ion:105 Resp: 402877

Ion Ratio Lower Upper

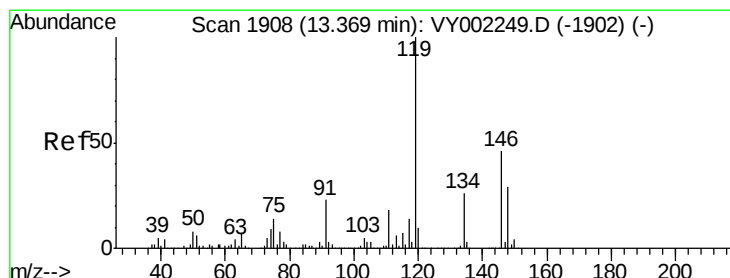
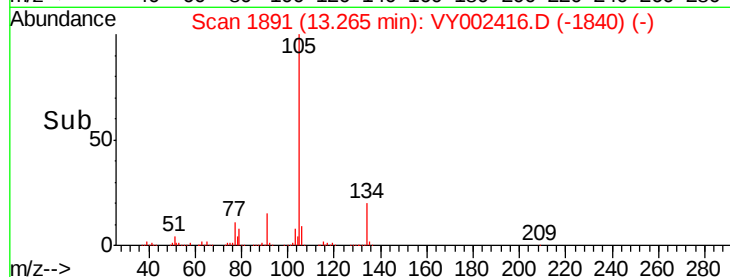
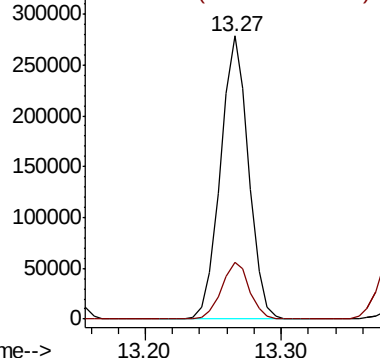
105 100

134 20.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.811 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

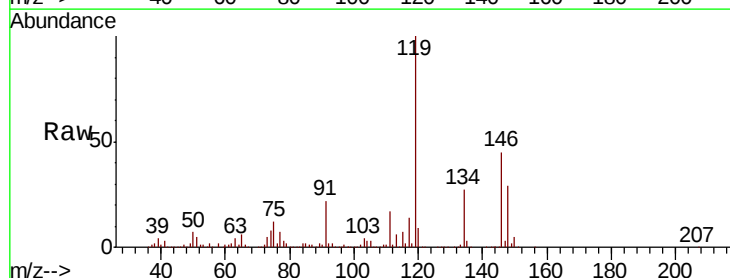
Tgt Ion:119 Resp: 349504

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

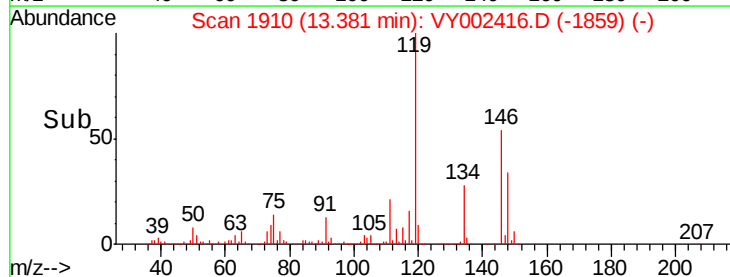
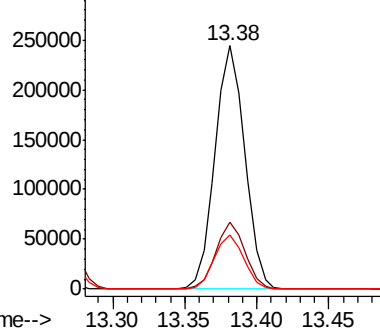
91 21.8 11.5 34.4

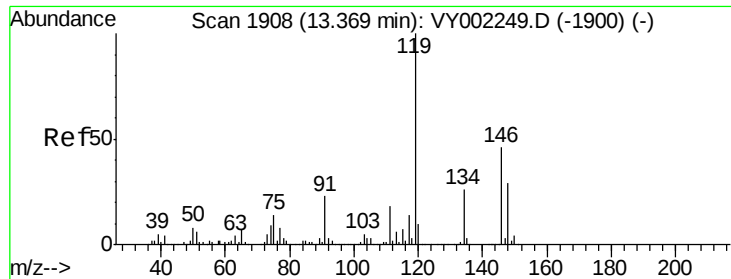


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

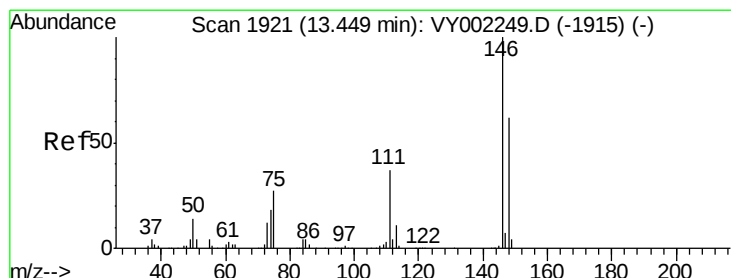
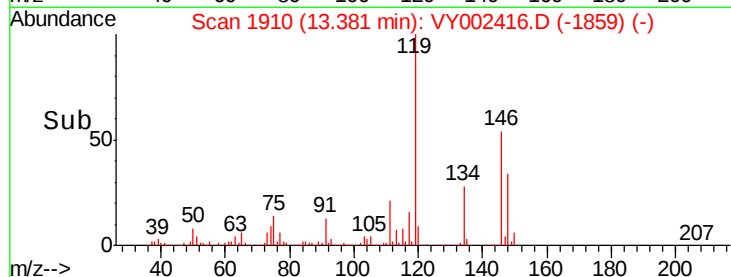
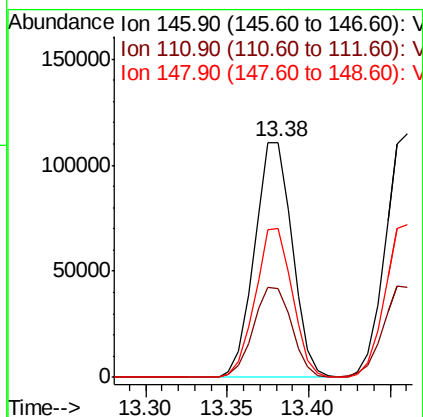
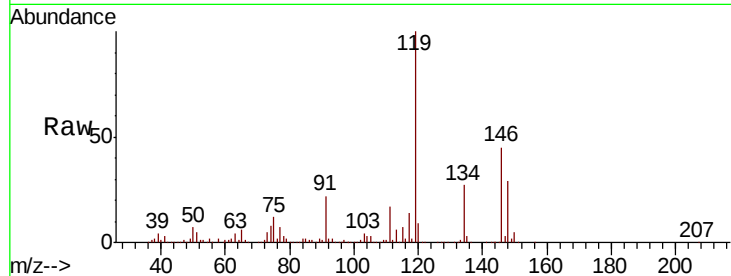




#87
 1,3-Dichlorobenzene
 Concen: 49.643 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

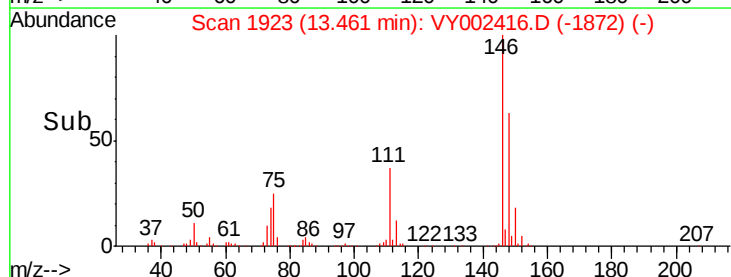
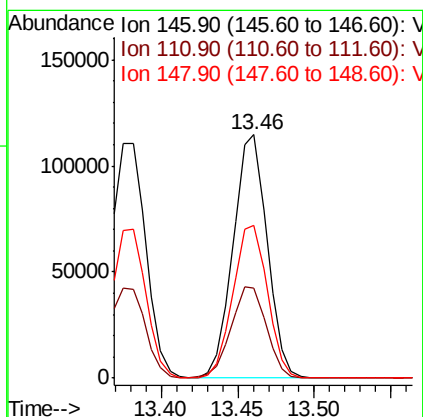
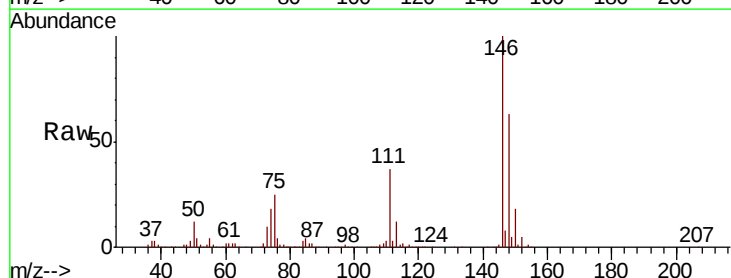
Instrument :
 MSVOA_Y
 ClientSampled :

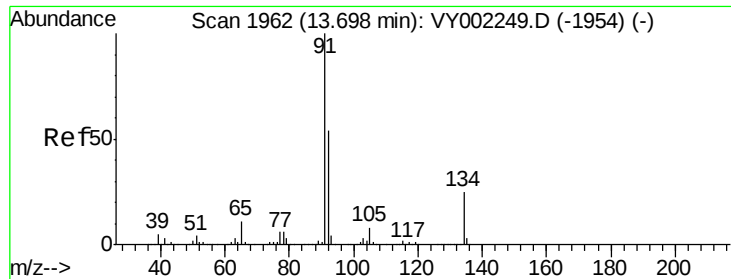
Tot Ion:146 Resp: 177936
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.8
 148 62.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.678 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion:146 Resp: 177109
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 43.774 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

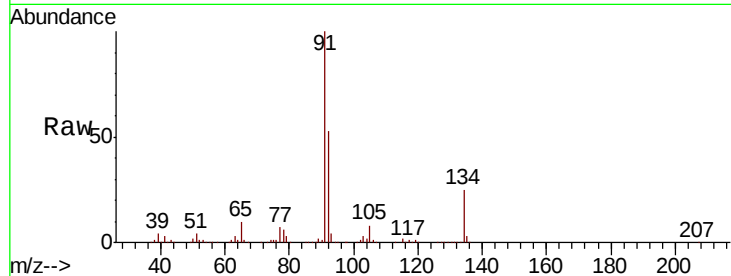
Tot Ion: 91 Resp: 335012

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

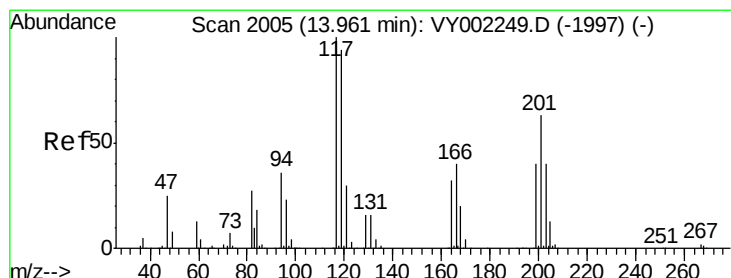
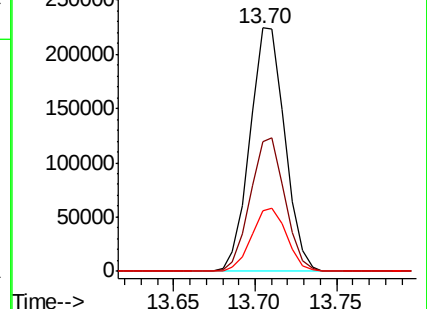
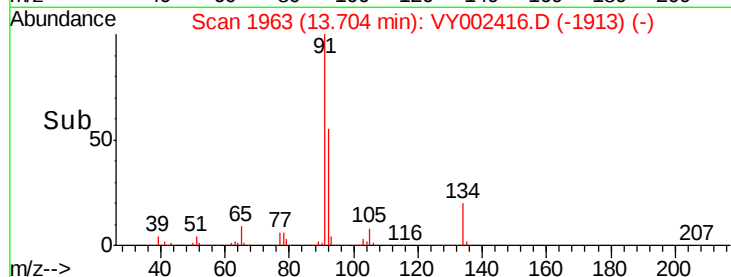
134 25.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY002249.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY002249.D (-1954) (-)



#90

Hexachloroethane

Concen: 48.033 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002416.D

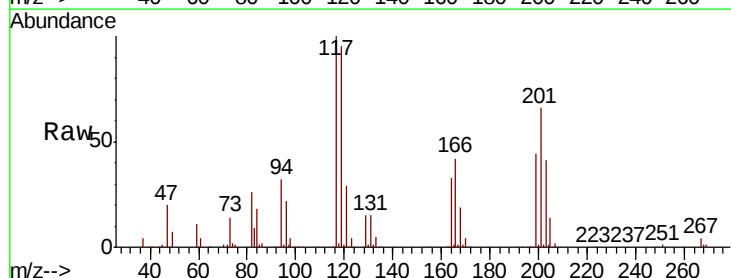
Acq: 17 Apr 2020 21:31

Tgt Ion: 117 Resp: 68339

Ion Ratio Lower Upper

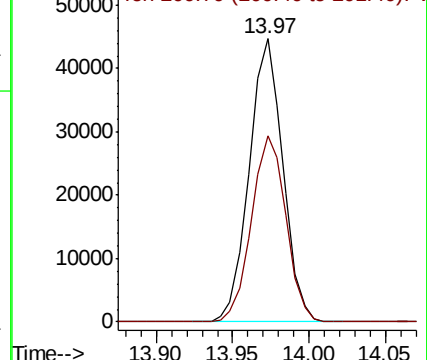
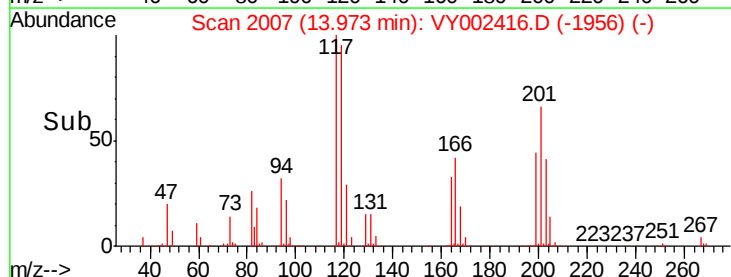
117 100

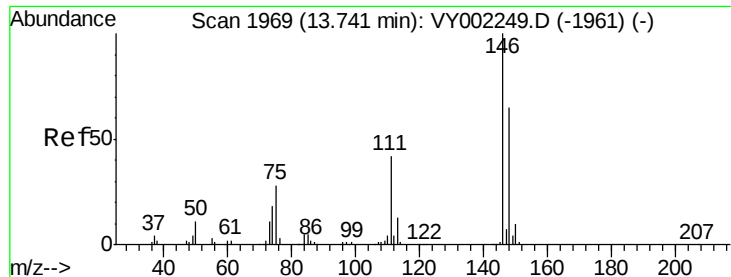
201 67.3 33.1 99.2



Abundance Ion 116.80 (116.50 to 117.50): VY002249.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY002249.D (-1997) (-)

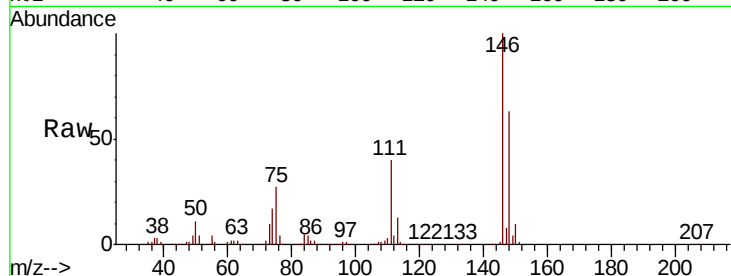




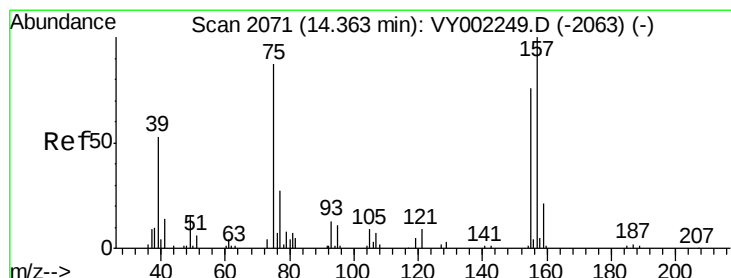
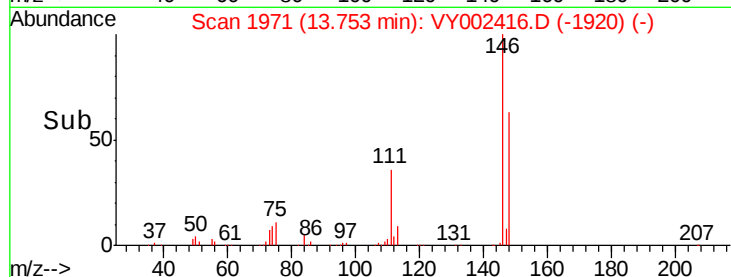
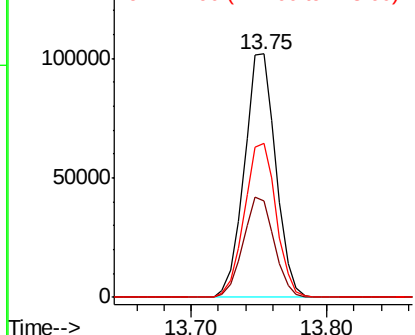
#91
 1,2-Dichlorobenzene
 Concen: 50.399 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.1
148	63.9	31.9	95.9

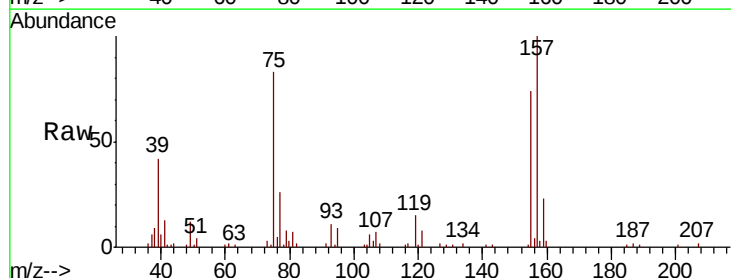


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

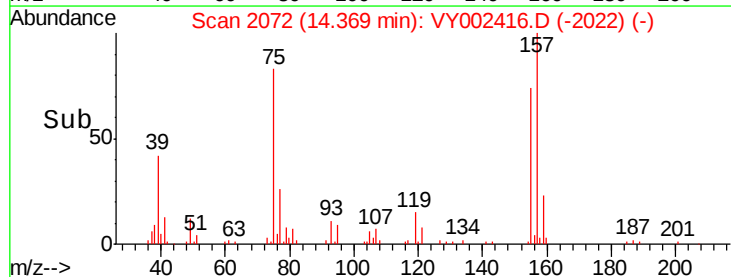
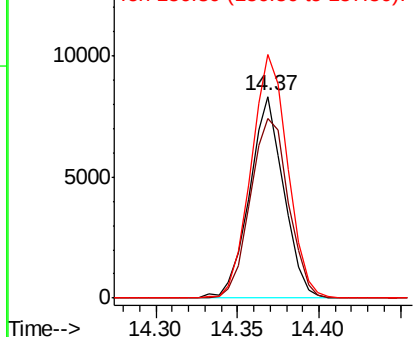


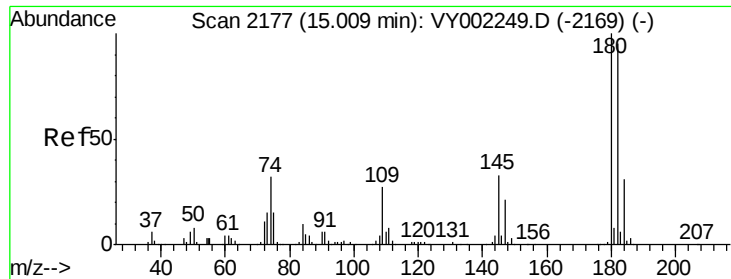
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.544 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	43.6	130.8
157	128.4	56.0	168.2



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

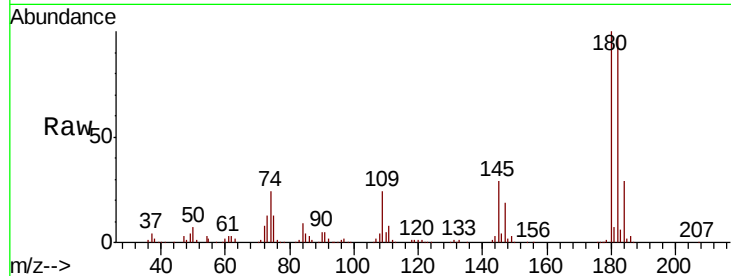




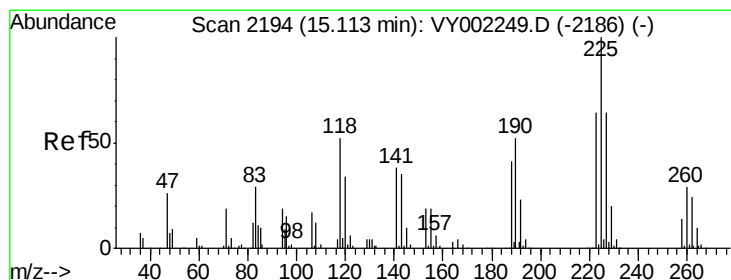
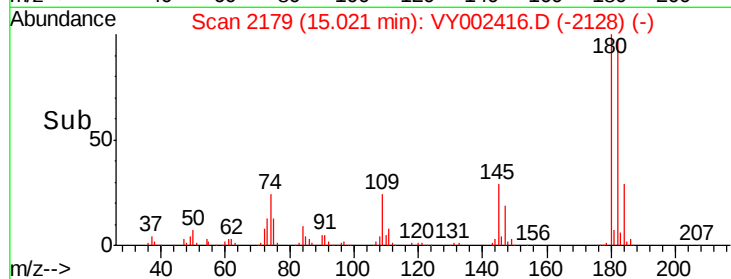
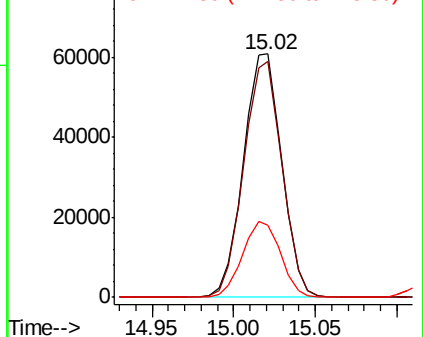
#93
 1,2,4-Trichlorobenzene
 Concen: 46.801 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 99631
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.7
 145 31.1 16.0 48.0

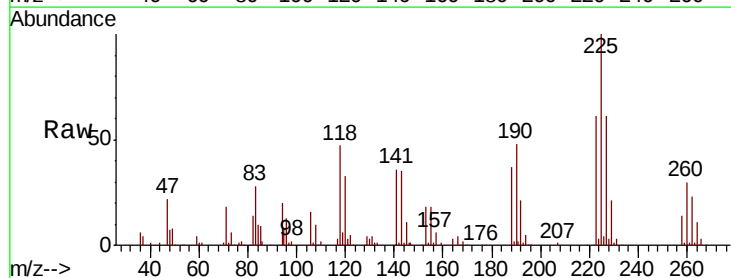


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

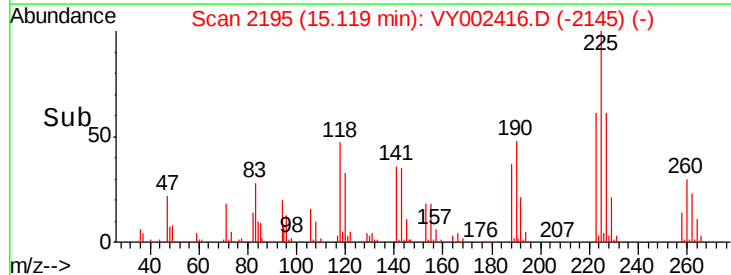
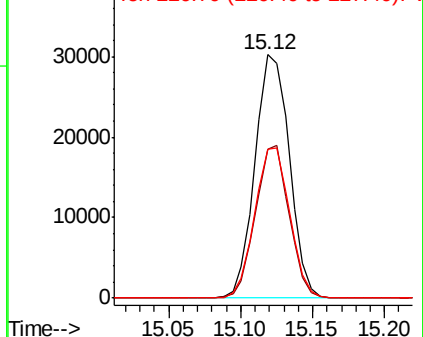


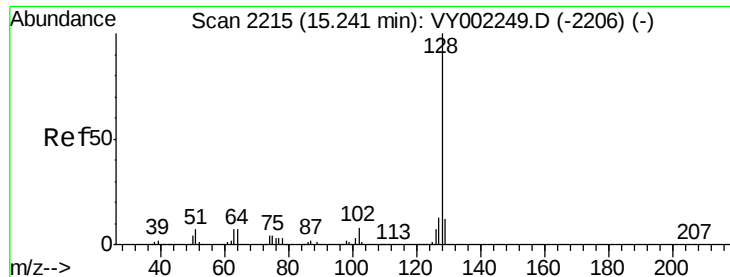
#94
 Hexachlorobutadiene
 Concen: 46.565 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002416.D
 Acq: 17 Apr 2020 21:31

Tgt Ion:225 Resp: 49928
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.0 93.0
 227 62.6 31.3 93.9



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: 53.266 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

Instrument :

MSVOA_Y

ClientSampleId :

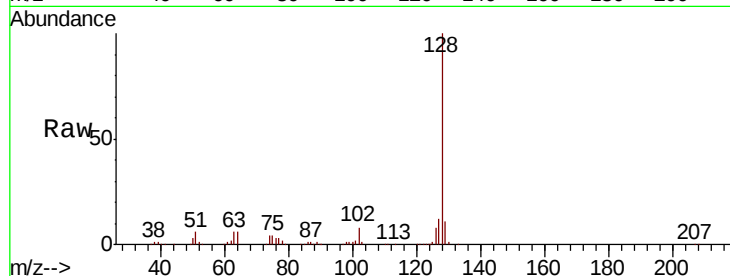
Tot Ion:128 Resp: 248282

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

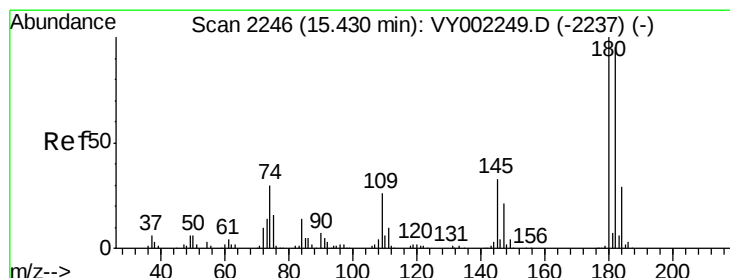
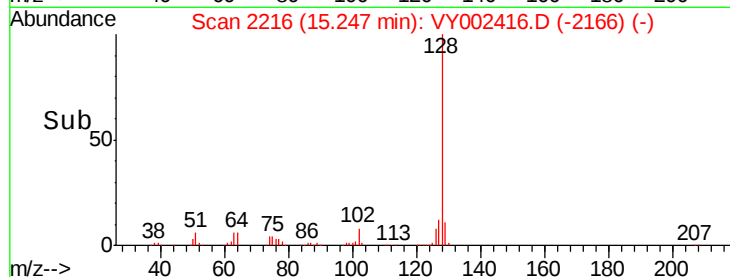
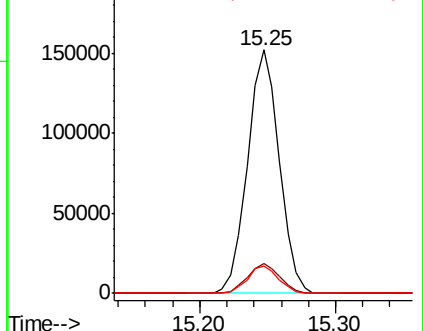
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.278 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002416.D

Acq: 17 Apr 2020 21:31

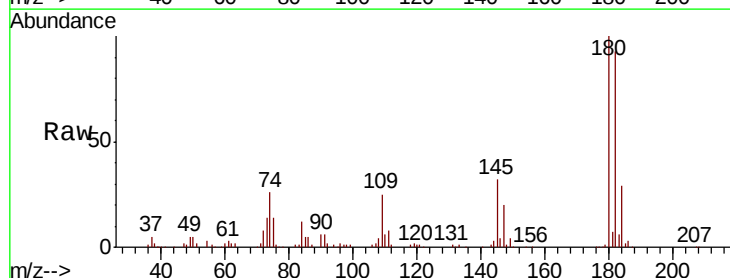
Tgt Ion:180 Resp: 89242

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 32.4 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

