

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000816.D
 Acq On : 27 Nov 2019 14:12
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 22:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	333902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	572143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	507956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	185579	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.72	113	174900	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.18	98	728873	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.48	95	252672	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	76066	21.163	ug/l	96
3) Chloromethane	2.12	50	91413	20.632	ug/l	99
4) Vinyl Chloride	2.25	62	89497	20.496	ug/l	99
5) Bromomethane	2.65	94	54921	19.331	ug/l	97
6) Chloroethane	2.79	64	56373	21.056	ug/l	99
7) Trichlorofluoromethane	3.13	101	121160	20.246	ug/l	100
8) Diethyl Ether	3.54	74	43597	19.356	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74884	20.263	ug/l	99
10) Methyl Iodide	4.09	142	89035	19.136	ug/l	99
11) Tert butyl alcohol	4.96	59	35545	99.578	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	75802	20.705	ug/l	92
13) Acrolein	3.73	56	40606	115.481	ug/l	96
14) Allyl chloride	4.48	41	125904	20.057	ug/l	100
15) Acrylonitrile	5.17	53	118942	102.268	ug/l	97
16) Acetone	3.95	43	79698	97.921	ug/l	93
17) Carbon Disulfide	4.19	76	242982	20.521	ug/l	99
18) Methyl Acetate	4.49	43	60600	17.807	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	194456	19.888	ug/l	98
20) Methylene Chloride	4.72	84	89887	20.951	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	83473	20.060	ug/l	93
22) Diisopropyl ether	6.13	45	259234	20.092	ug/l #	92
23) Vinyl Acetate	6.07	43	839852	107.074	ug/l	98
24) 1,1-Dichloroethane	6.02	63	143981	20.247	ug/l	99
25) 2-Butanone	7.00	43	151236	100.589	ug/l	96
26) 2,2-Dichloropropane	6.99	77	121074	20.229	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	91265	20.290	ug/l	97
28) Bromochloromethane	7.35	49	34173	14.594	ug/l	91
29) Tetrahydrofuran	7.35	42	103553	103.938	ug/l	98
30) Chloroform	7.52	83	142909	20.033	ug/l	99
31) Cyclohexane	7.78	56	151927	20.168	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	119352	20.261	ug/l	98
36) 1,1-Dichloropropene	7.93	75	117323	20.623	ug/l	99
37) Ethyl Acetate	7.08	43	68440	20.835	ug/l	99
38) Carbon Tetrachloride	7.91	117	102386	20.209	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153573	20.376	ug/l	97
40) Benzene	8.17	78	334203	20.169	ug/l	98
41) Methacrylonitrile	7.36	41	89793	51.865	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	89501	20.538	ug/l	99
43) Isopropyl Acetate	8.28	43	127401	20.581	ug/l	100
44) Trichloroethene	8.94	130	86632	20.343	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84007	20.183	ug/l	93
46) Dibromomethane	9.31	93	44674	20.542	ug/l	98
47) Bromodichloromethane	9.50	83	103668	20.292	ug/l	99
48) Methyl methacrylate	9.30	41	56109	20.613	ug/l	99
49) 1,4-Dioxane	9.30	88	12899	418.604	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	330533	103.347	ug/l	100
52) Toluene	10.25	92	210476	20.515	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112334	20.466	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	132013	20.348	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	64628	20.114	ug/l	97
56) Ethyl methacrylate	10.51	69	94261	20.508	ug/l	96
57) 1,3-Dichloropropane	10.79	76	115725	20.665	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	195725	105.609	ug/l	100
59) 2-Hexanone	10.83	43	239379	102.714	ug/l	99
60) Dibromochloromethane	10.99	129	68430	19.784	ug/l	97
61) 1,2-Dibromoethane	11.09	107	61897	20.441	ug/l	98
64) Tetrachloroethene	10.72	164	88960	20.157	ug/l	96
65) Chlorobenzene	11.52	112	216895	20.542	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73105	20.545	ug/l	98
67) Ethyl Benzene	11.59	91	403975	20.544	ug/l	98
68) m/p-Xylenes	11.70	106	304229	41.219	ug/l	99
69) o-Xylene	12.03	106	142221	20.666	ug/l	99
70) Styrene	12.04	104	244599	20.757	ug/l	99
71) Bromoform	12.20	173	40894	20.377	ug/l #	97
73) Isopropylbenzene	12.33	105	385083	20.175	ug/l	100
74) N-amyl acetate	12.14	43	107894	20.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	77171	20.519	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	106370	39.164	ug/l #	100
77) Bromobenzene	12.61	156	82065	19.835	ug/l	96
78) n-propylbenzene	12.67	91	476809	20.459	ug/l	100
79) 2-Chlorotoluene	12.75	91	262327	20.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	325524	20.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27930	20.200	ug/l	95
82) 4-Chlorotoluene	12.85	91	273654	20.630	ug/l	98
83) tert-Butylbenzene	13.07	119	271069	20.401	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	329583	20.845	ug/l	100
85) sec-Butylbenzene	13.25	105	398977	20.647	ug/l	99
86) p-Isopropyltoluene	13.37	119	351986	20.942	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	167573	20.646	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	169480	21.089	ug/l	99
89) n-Butylbenzene	13.69	91	355518	20.921	ug/l	100
90) Hexachloroethane	13.96	117	63310	20.448	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	151521	20.754	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12985	20.623	ug/l	95

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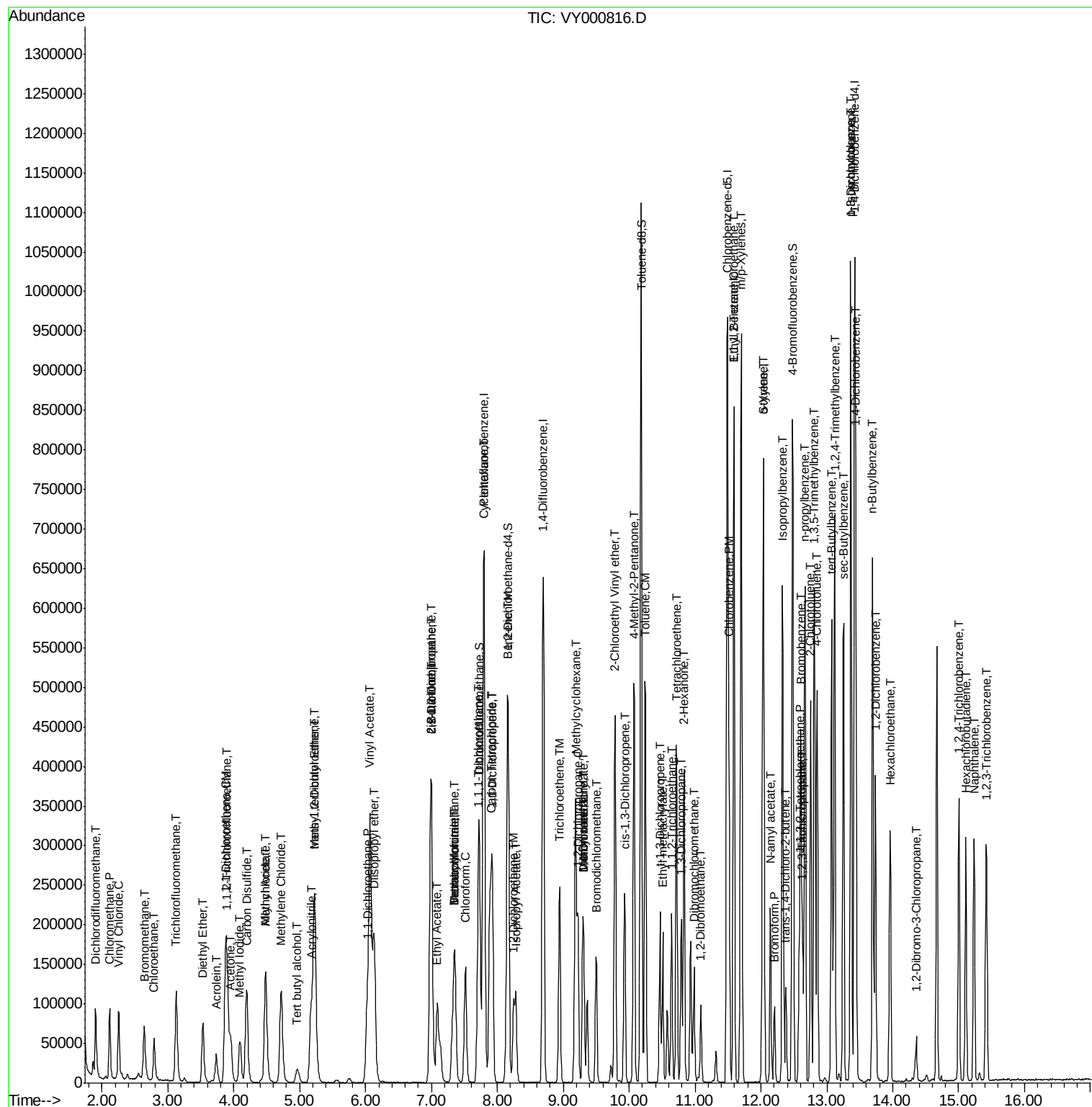
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106148	21.487	ug/l	97
94) Hexachlorobutadiene	15.11	225	51163	20.889	ug/l	98
95) Naphthalene	15.23	128	242294	21.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94583	21.434	ug/l	97

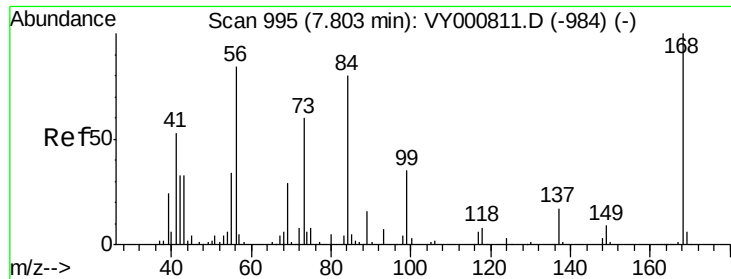
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

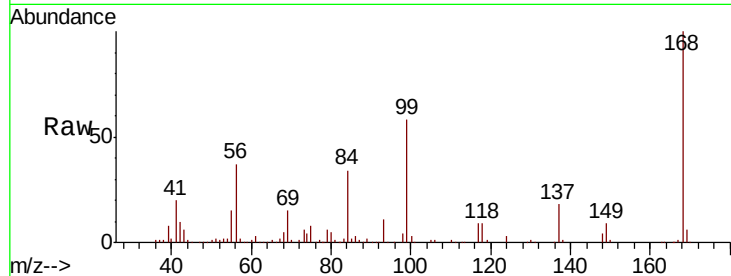
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 333902

Ion Ratio Lower Upper

168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

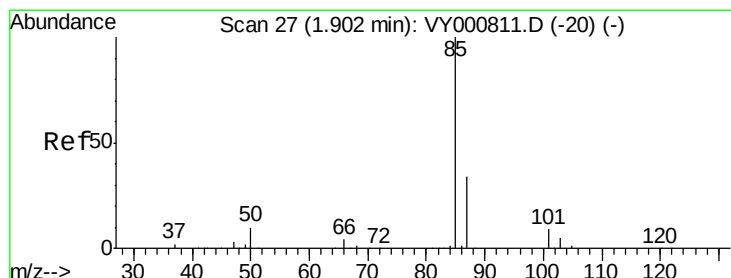
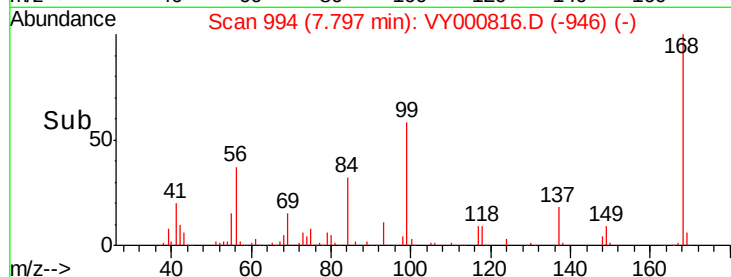
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.163 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000816.D

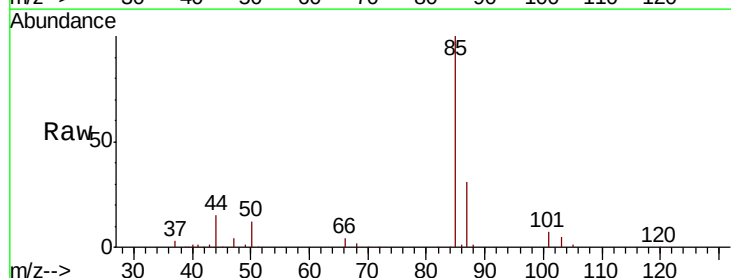
Acq: 27 Nov 2019 14:12

Tgt Ion: 85 Resp: 76066

Ion Ratio Lower Upper

85 100

87 31.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

50000

40000

30000

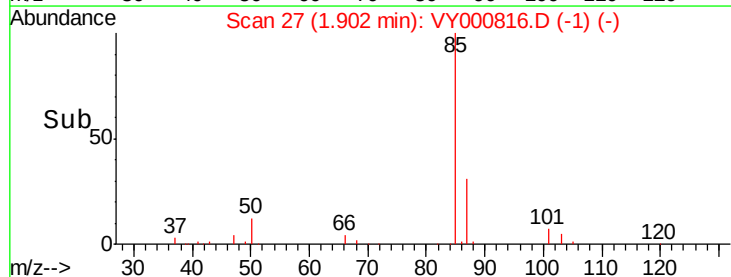
20000

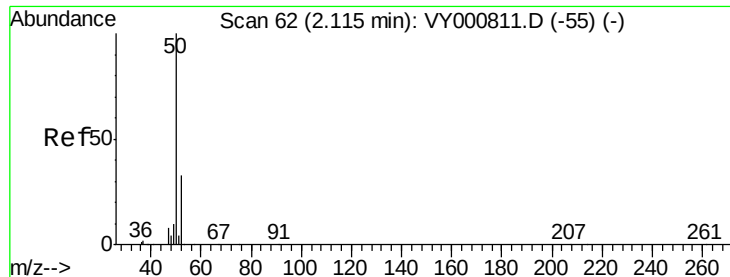
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.632 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

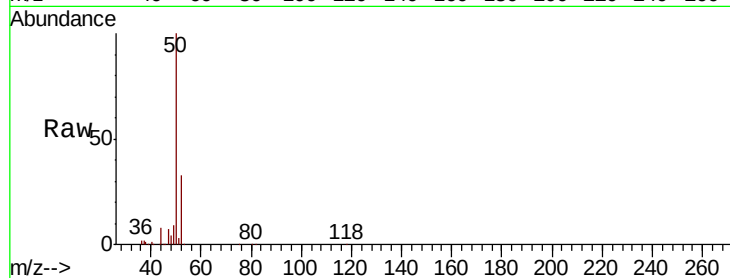
ClientSampleId :

Tot Ion: 50 Resp: 91413

Ion Ratio Lower Upper

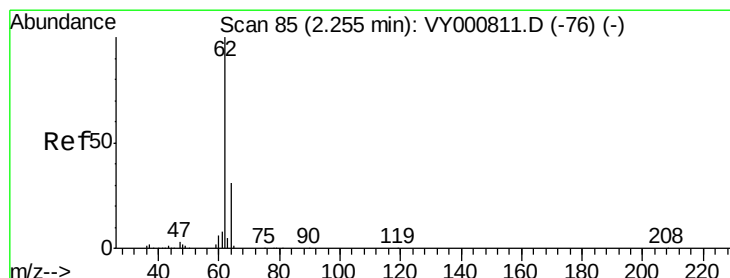
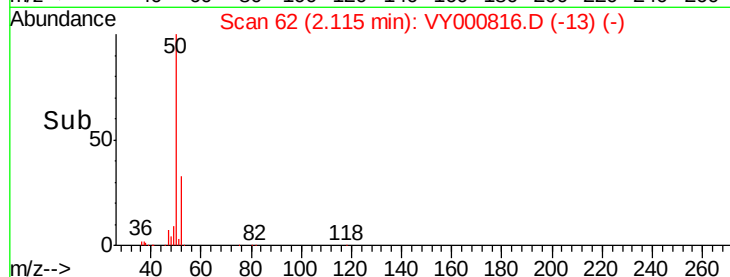
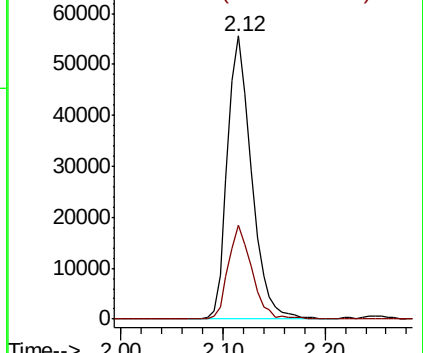
50 100

52 33.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.496 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000816.D

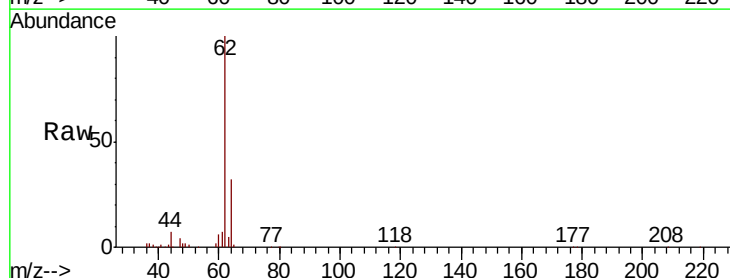
Acq: 27 Nov 2019 14:12

Tgt Ion: 62 Resp: 89497

Ion Ratio Lower Upper

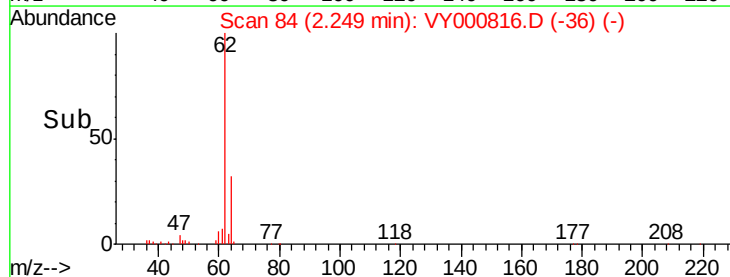
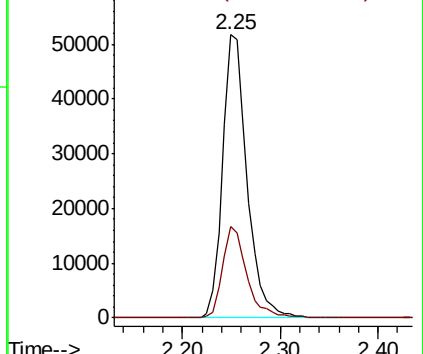
62 100

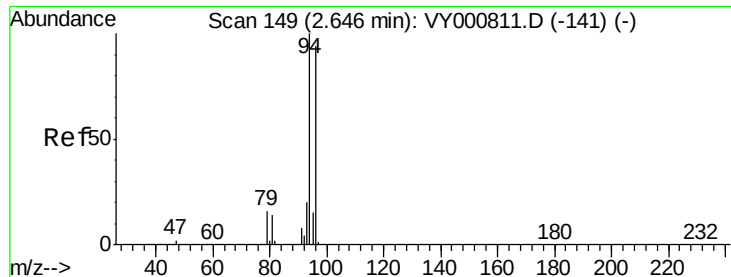
64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.331 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

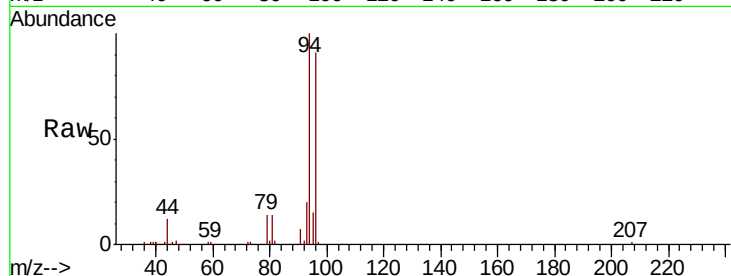
ClientSampled :

Tot Ion: 94 Resp: 54921

Ion Ratio Lower Upper

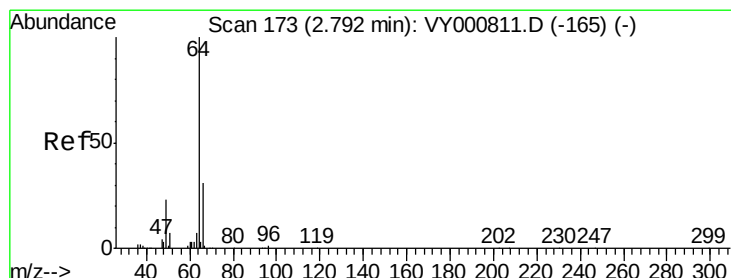
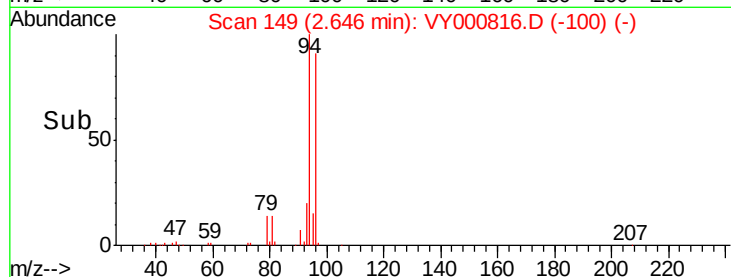
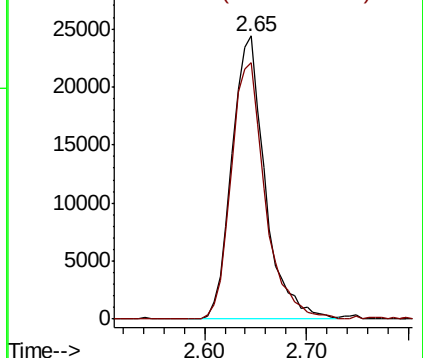
94 100

96 90.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.056 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000816.D

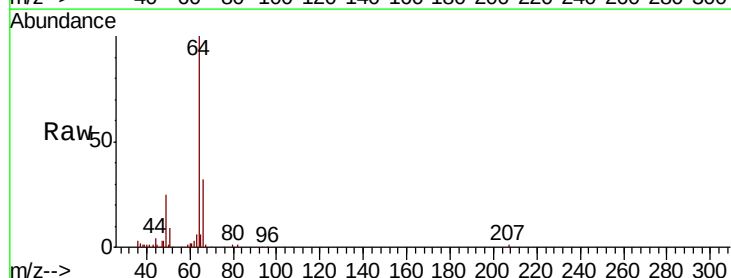
Acq: 27 Nov 2019 14:12

Tgt Ion: 64 Resp: 56373

Ion Ratio Lower Upper

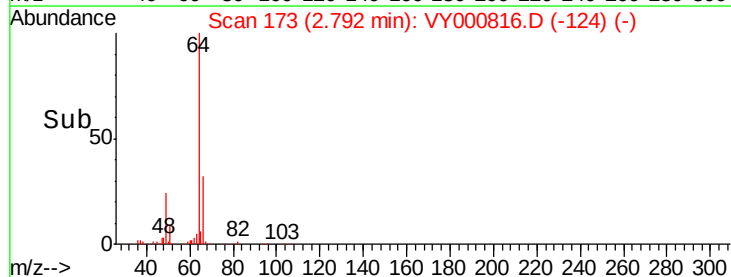
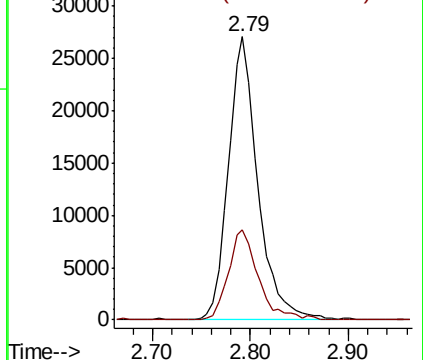
64 100

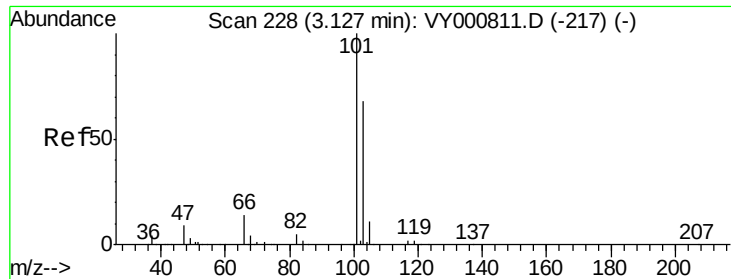
66 31.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



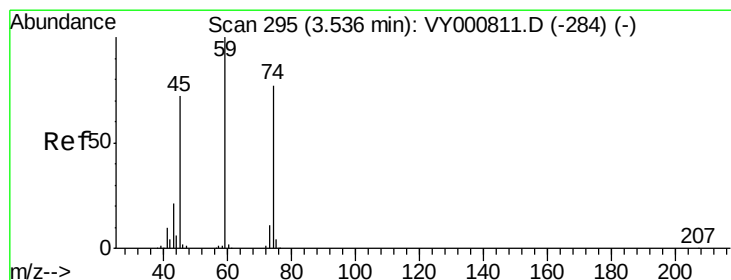
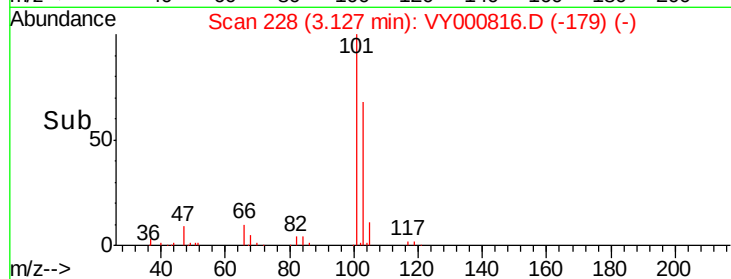
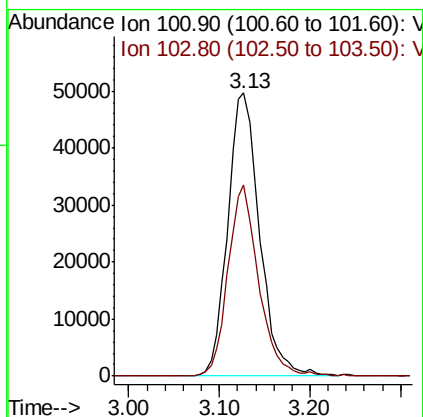
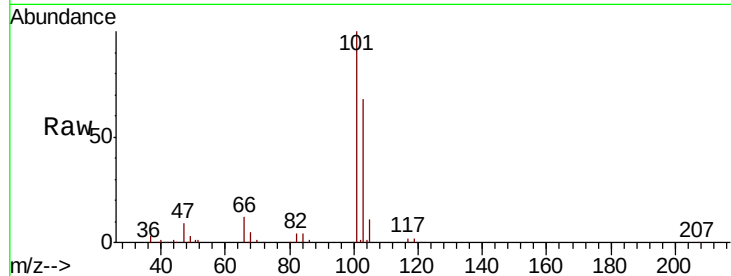


#7

Trichlorofluoromethane
 Concen: 20.246 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampled :

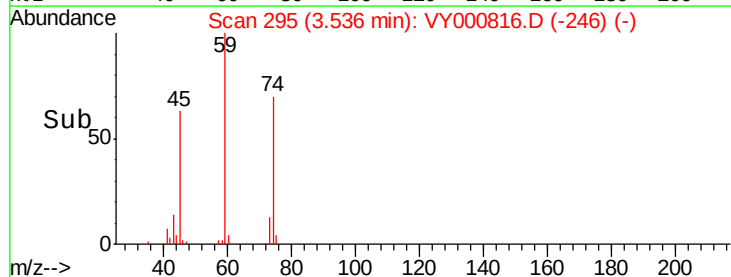
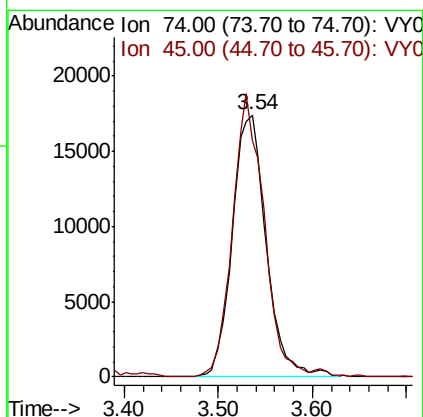
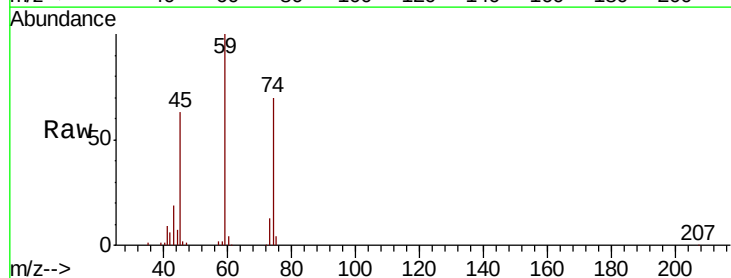
Tot Ion:101 Resp: 121160
 Ion Ratio Lower Upper
 101 100
 103 67.6 54.2 81.2

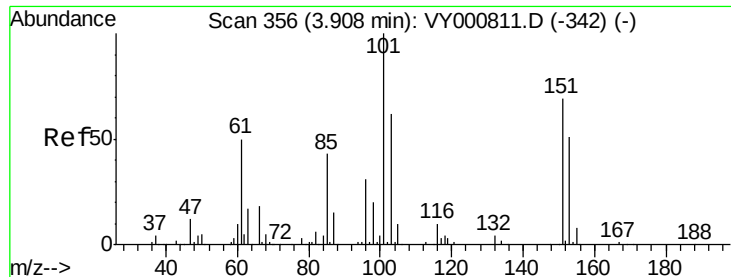


#8

Diethyl Ether
 Concen: 19.356 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 74 Resp: 43597
 Ion Ratio Lower Upper
 74 100
 45 100.2 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.263 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

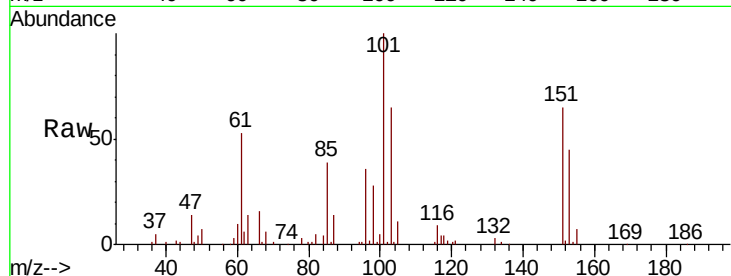
Tot Ion:101 Resp: 74884

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

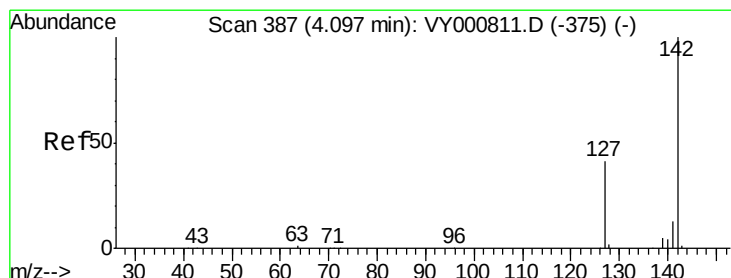
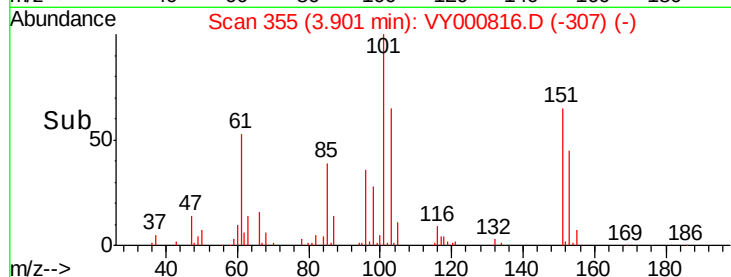
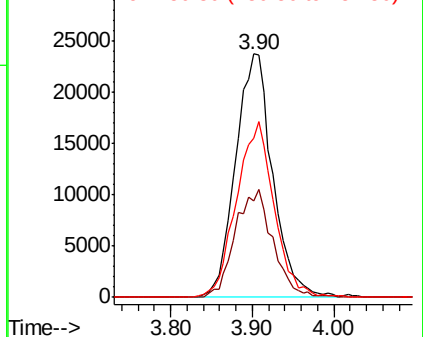
151 73.3 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.136 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

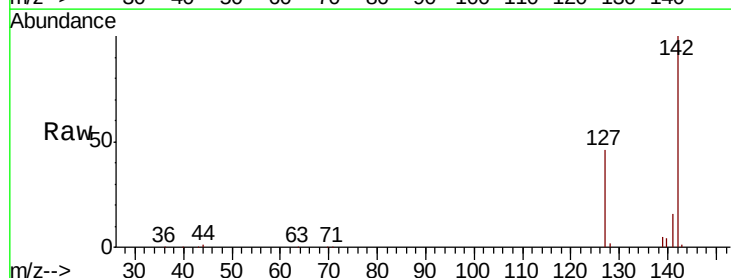
Tgt Ion:142 Resp: 89035

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.8

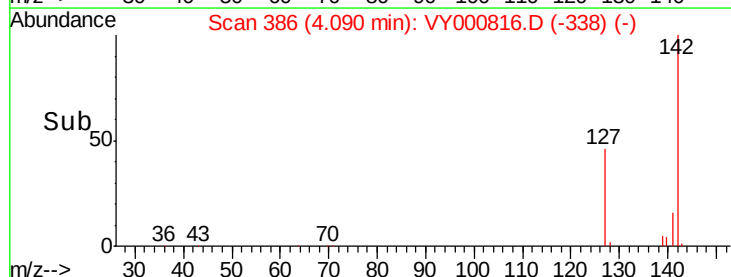
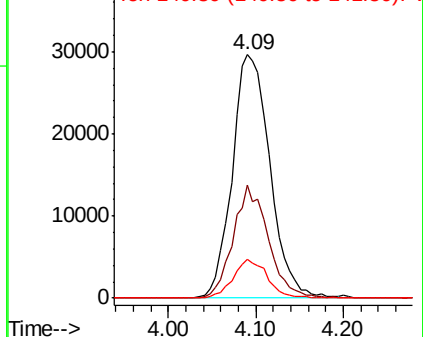
141 14.4 10.9 16.3

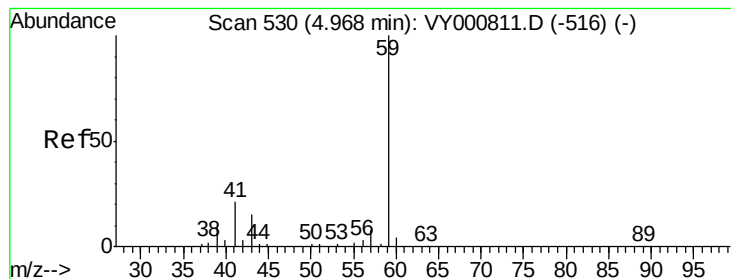


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.578 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

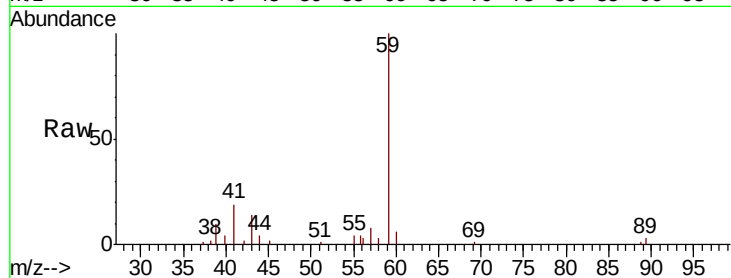
ClientSampled :

Tot Ion: 59 Resp: 35545

Ion Ratio Lower Upper

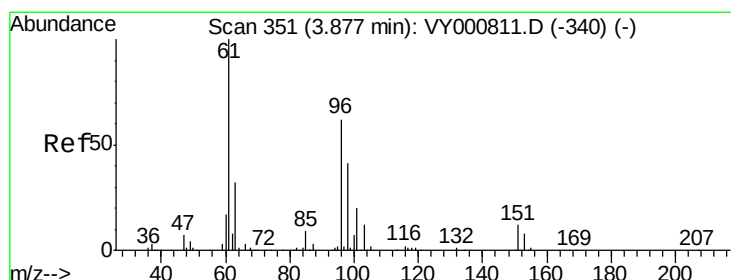
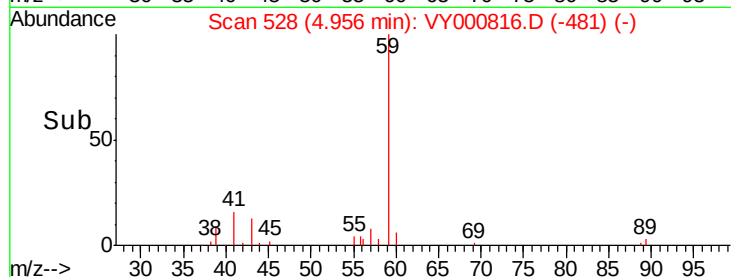
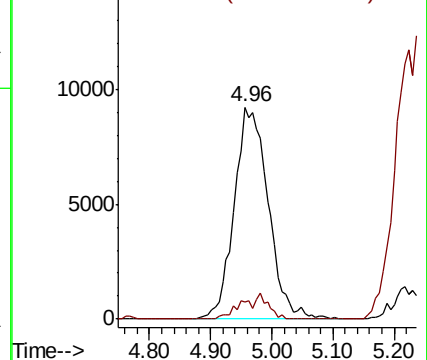
59 100

57 4.6 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 20.705 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

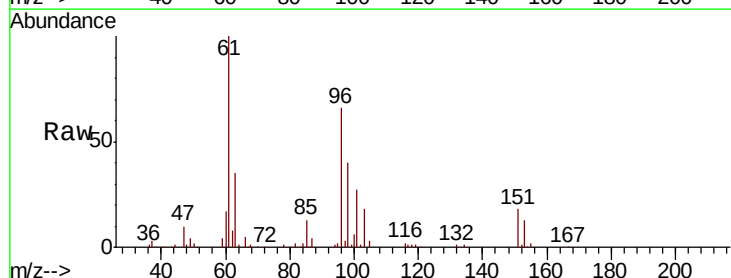
Tgt Ion: 96 Resp: 75802

Ion Ratio Lower Upper

96 100

61 151.4 129.4 194.2

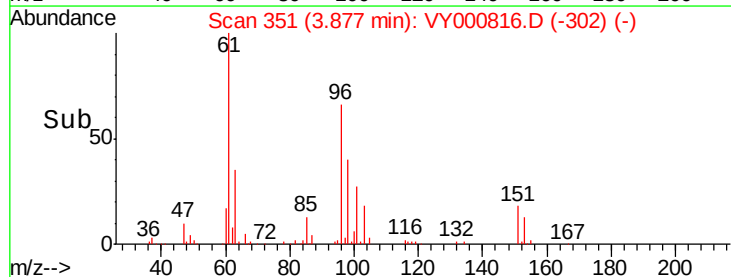
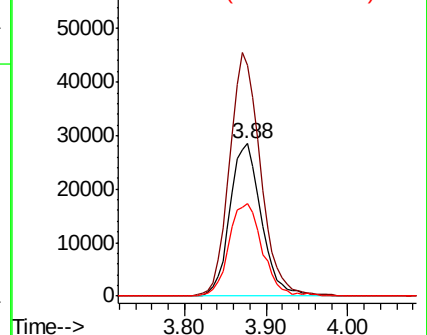
98 61.1 53.4 80.0

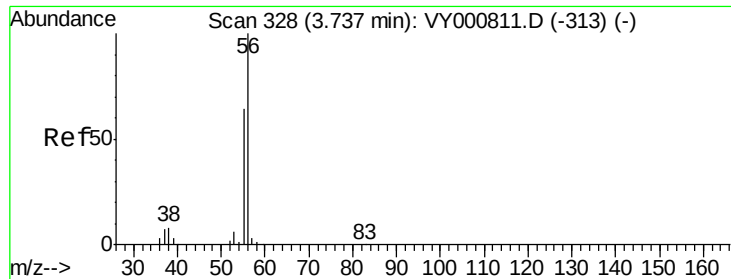


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

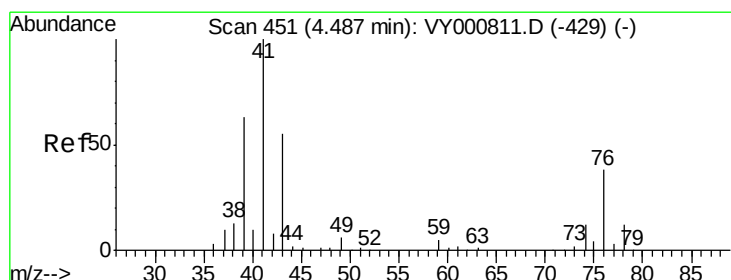
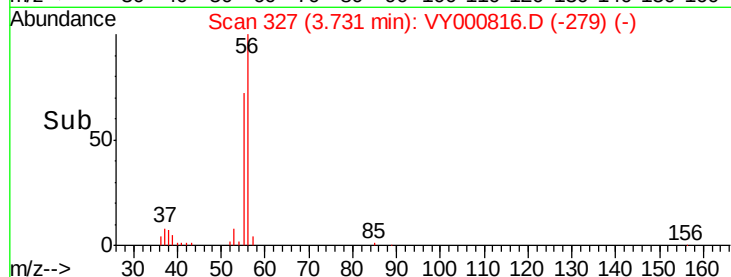
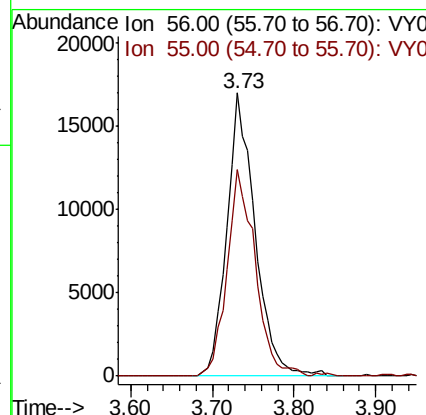
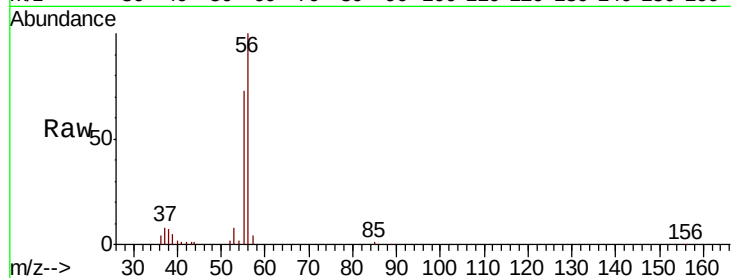




#13
Acrolein
Concen: 115.481 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

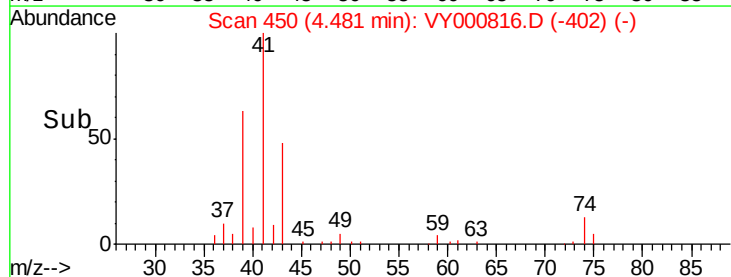
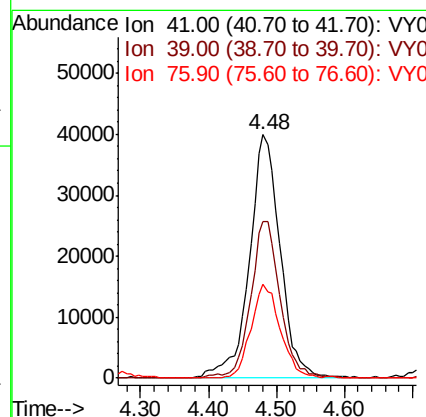
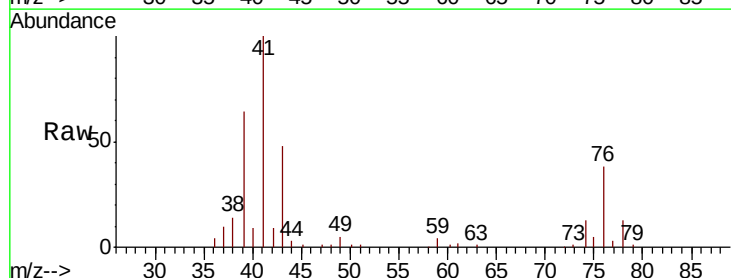
Instrument :
MSVOA_Y
ClientSampleId :

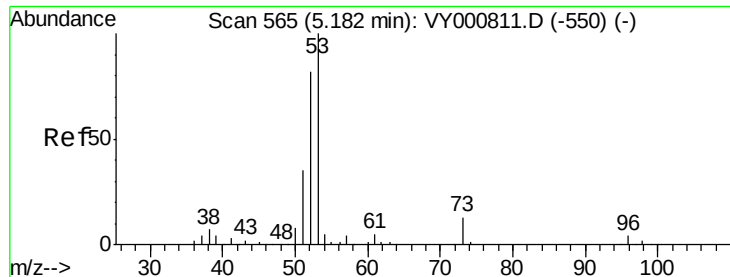
Tot Ion: 56 Resp: 40606
Ion Ratio Lower Upper
56 100
55 72.8 55.7 83.5



#14
Allyl chloride
Concen: 20.057 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 41 Resp: 125904
Ion Ratio Lower Upper
41 100
39 61.5 49.2 73.8
76 36.6 29.2 43.8





#15

Acrylonitrile

Concen: 102.268 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :

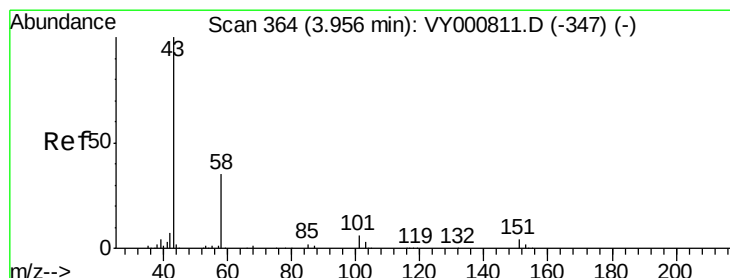
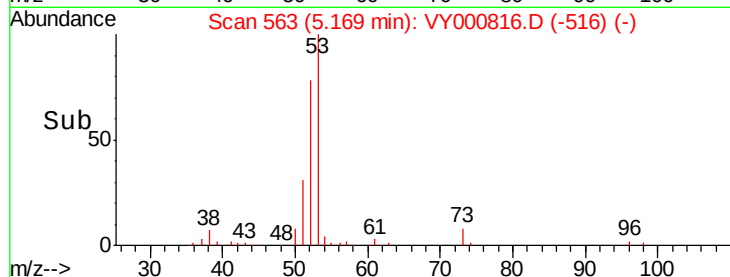
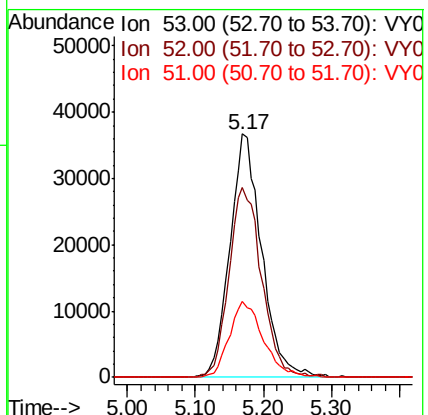
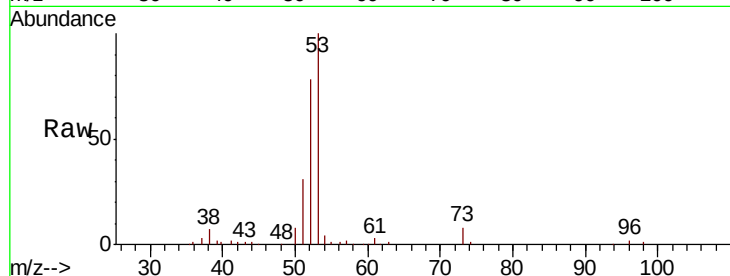
Tot Ion: 53 Resp: 118942

Ion Ratio Lower Upper

53 100

52 79.9 65.1 97.7

51 33.2 29.0 43.4



#16

Acetone

Concen: 97.921 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000816.D

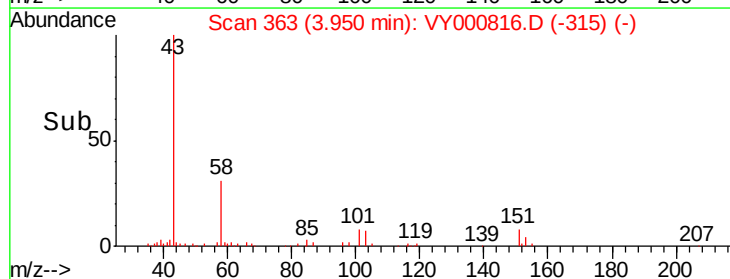
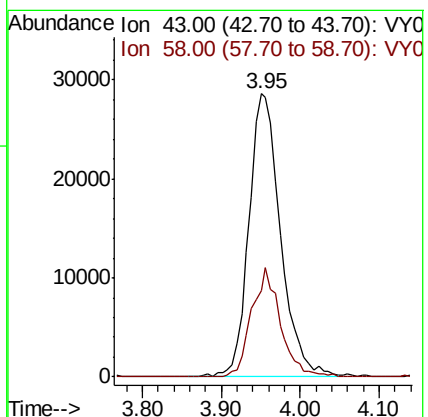
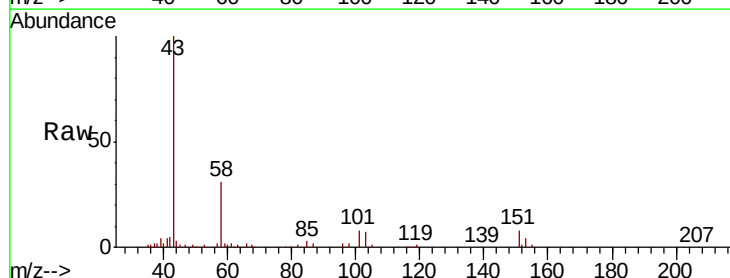
Acq: 27 Nov 2019 14:12

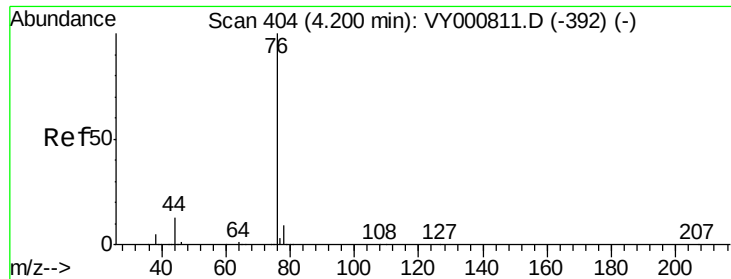
Tgt Ion: 43 Resp: 79698

Ion Ratio Lower Upper

43 100

58 30.7 28.0 42.0





#17

Carbon Disulfide

Concen: 20.521 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

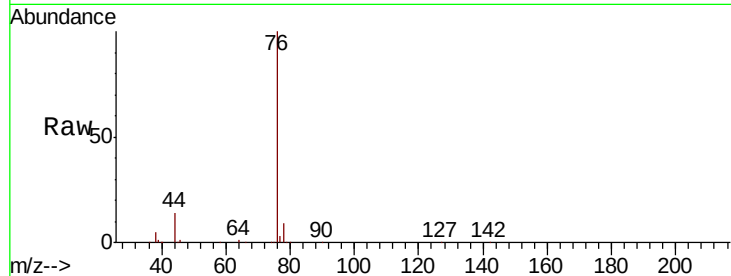
ClientSampleId :

Tot Ion: 76 Resp: 242982

Ion Ratio Lower Upper

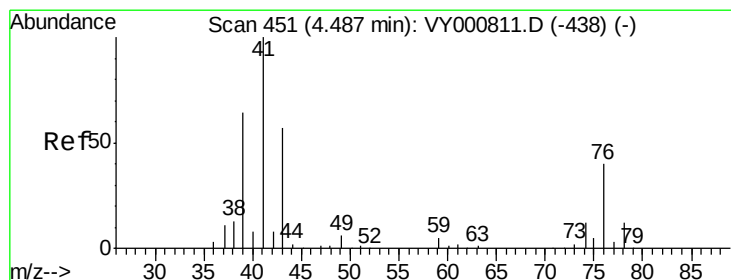
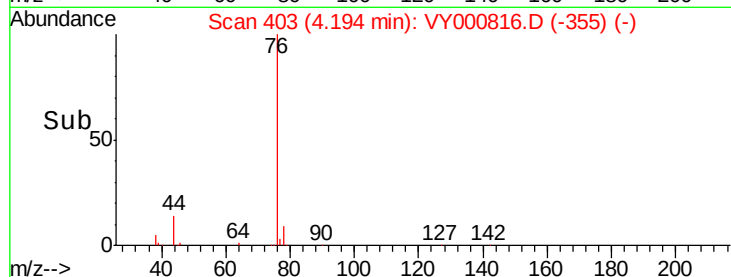
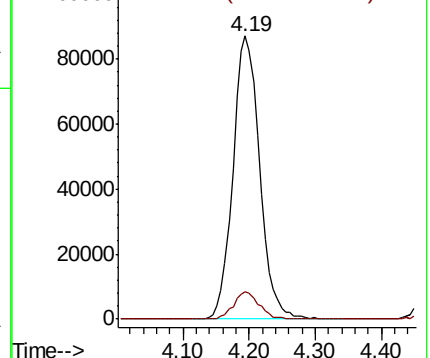
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.807 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000816.D

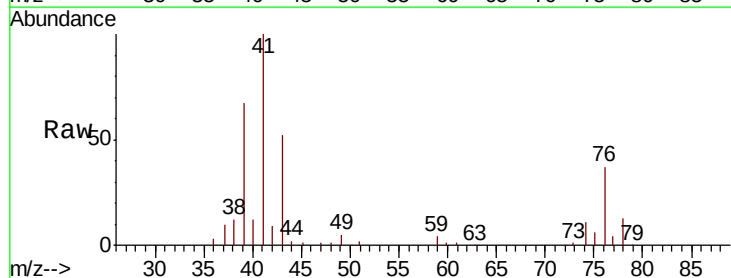
Acq: 27 Nov 2019 14:12

Tgt Ion: 43 Resp: 60600

Ion Ratio Lower Upper

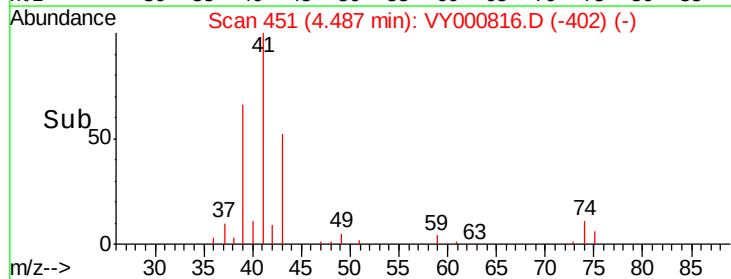
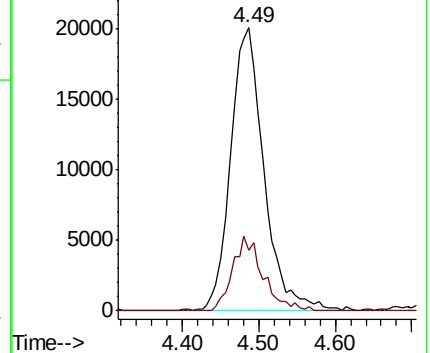
43 100

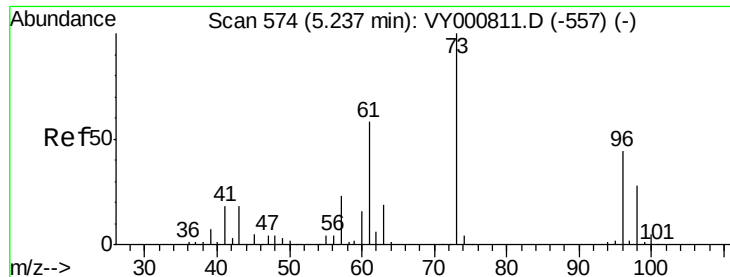
74 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

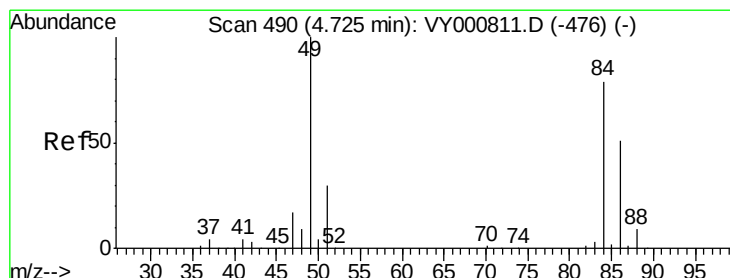
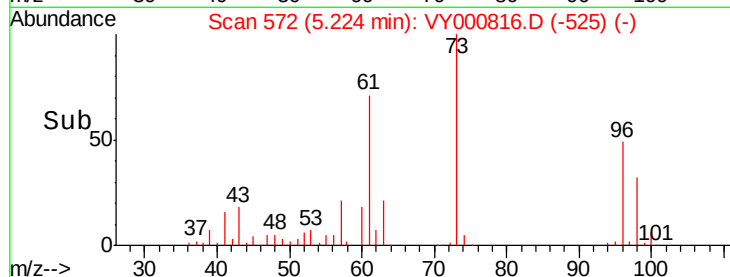
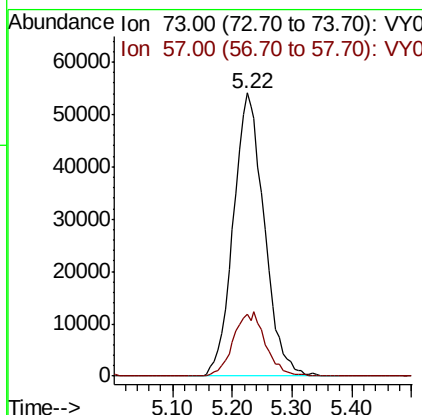
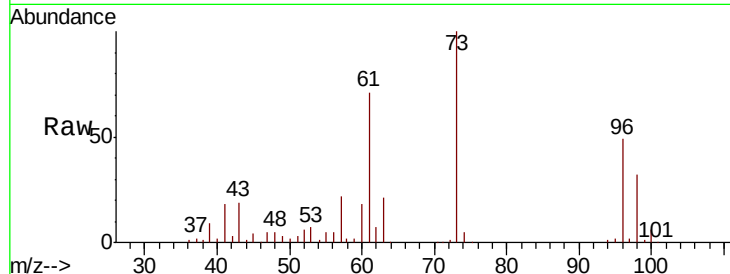




#19
Methyl tert-butyl Ether
Concen: 19.888 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

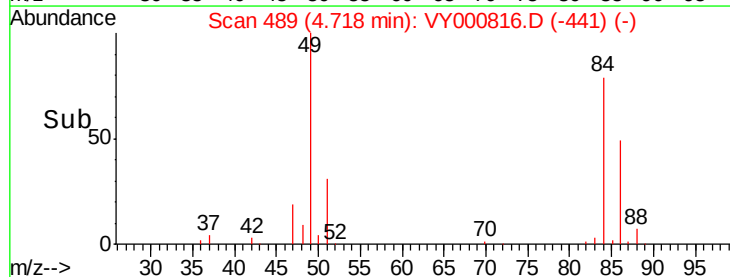
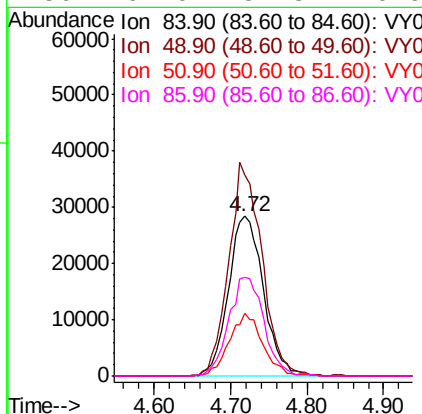
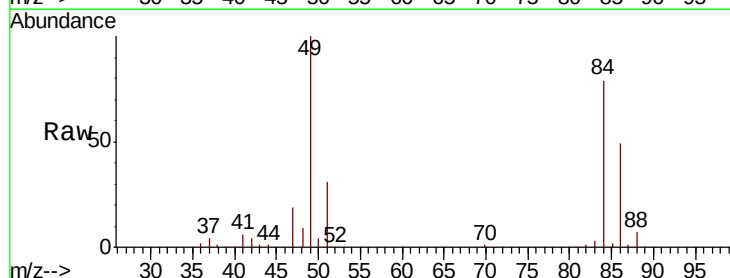
Instrument :
MSVOA_Y
ClientSampled :

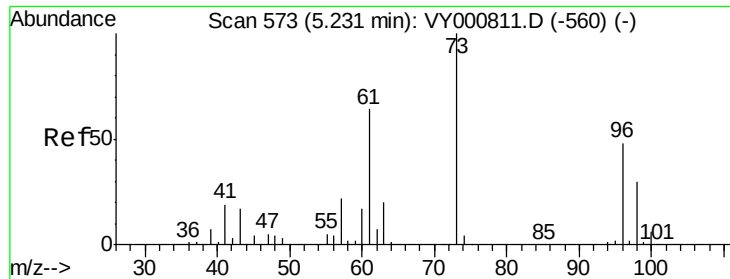
Tot Ion: 73 Resp: 194456
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 20.951 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 84 Resp: 89887
Ion Ratio Lower Upper
84 100
49 126.0 101.3 151.9
51 39.4 30.6 45.8
86 62.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.060 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampled :

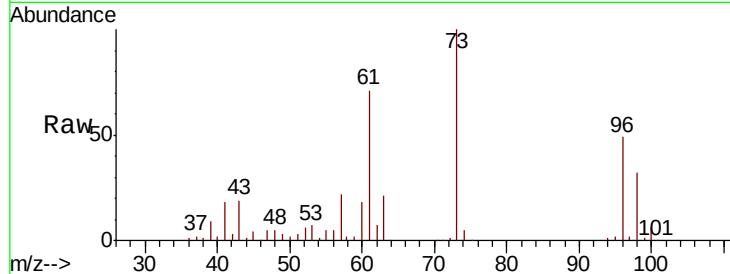
Tot Ion: 96 Resp: 83473

Ion Ratio Lower Upper

96 100

61 142.8 105.9 158.9

98 65.4 49.4 74.2

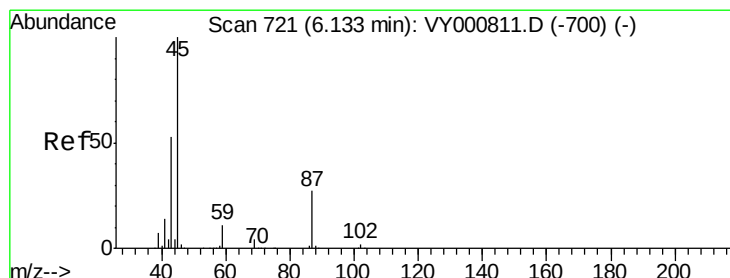
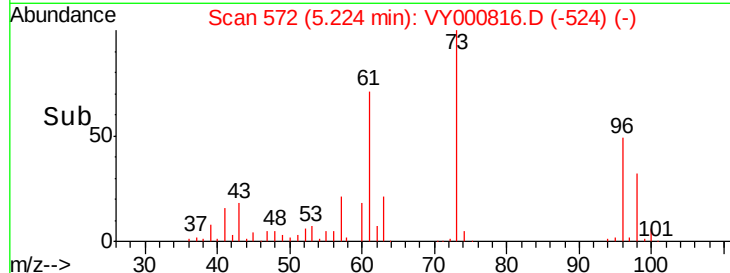
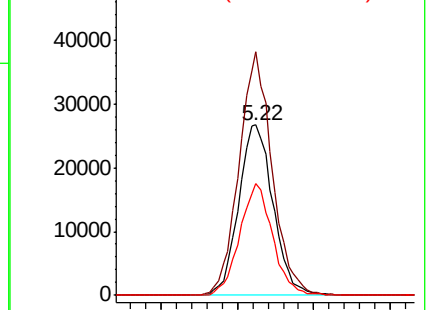


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.092 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion: 45 Resp: 259234

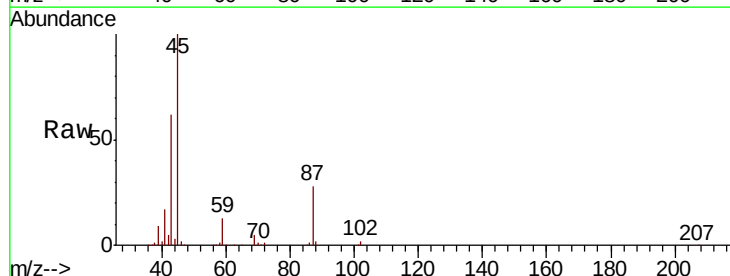
Ion Ratio Lower Upper

45 100

43 61.4 42.7 64.1

87 28.4 22.0 33.0

59 13.4 8.9 13.3#



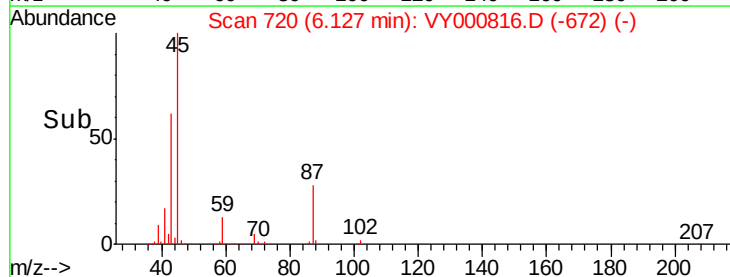
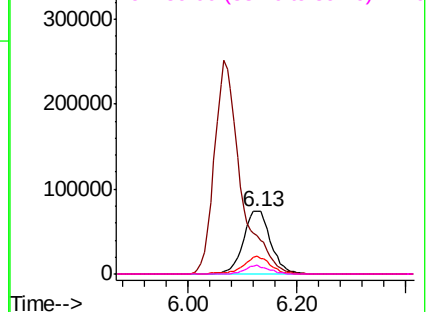
Abundance

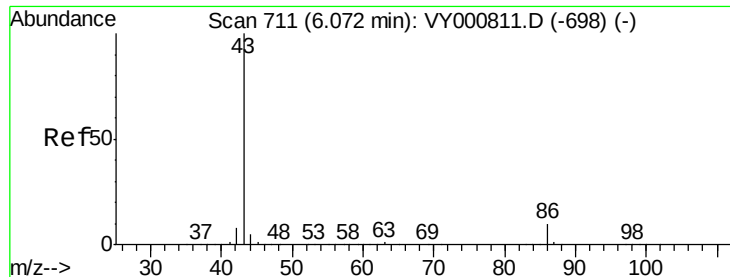
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 107.074 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

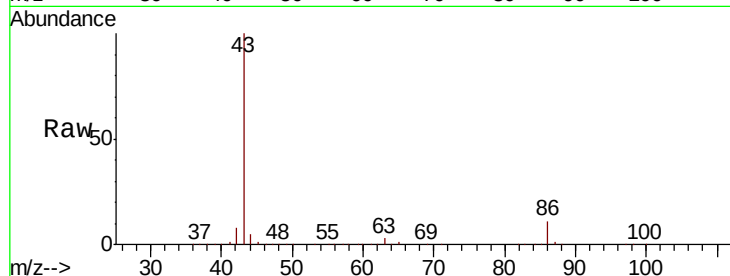
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 839852

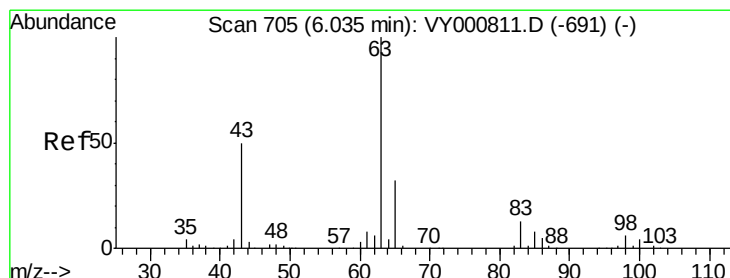
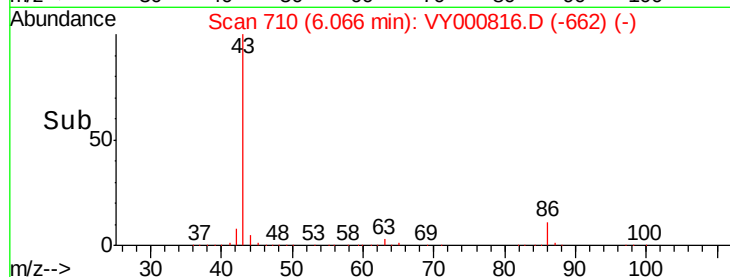
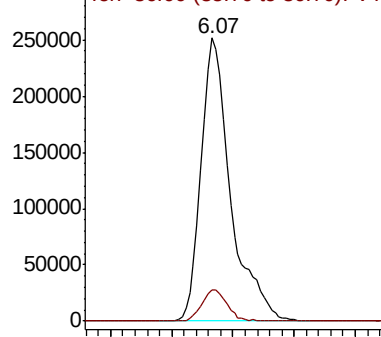
Ion Ratio Lower Upper

43 100

86 11.2 8.3 12.5



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



#24

1,1-Dichloroethane

Concen: 20.247 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

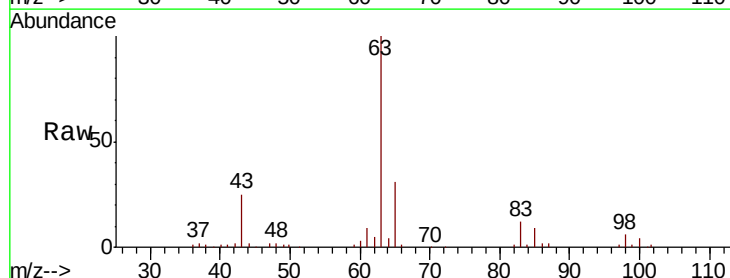
Tgt Ion: 63 Resp: 143981

Ion Ratio Lower Upper

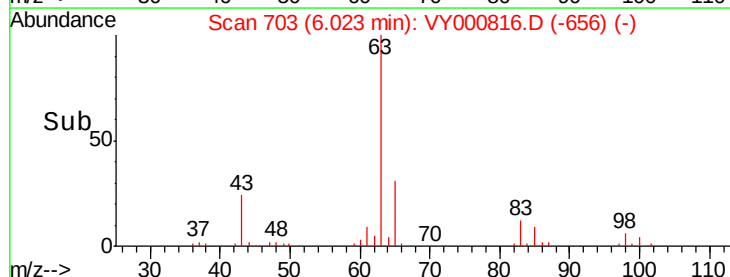
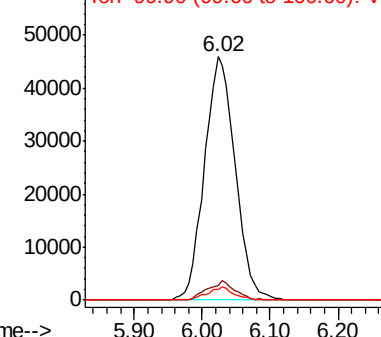
63 100

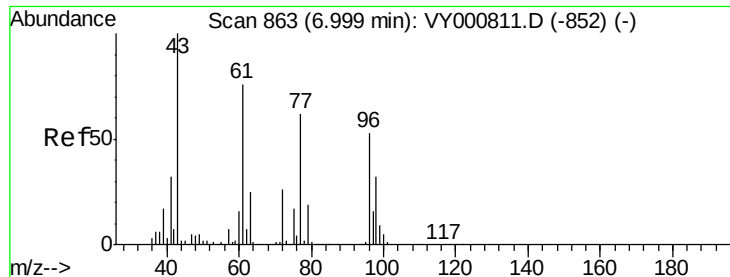
98 5.7 3.3 9.8

100 4.5 2.2 6.6



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: 100.589 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

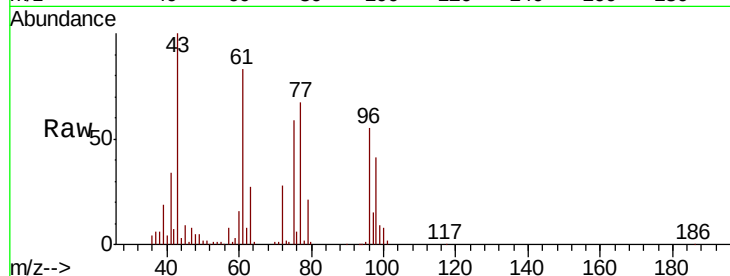
ClientSampled :

Tot Ion: 43 Resp: 151236

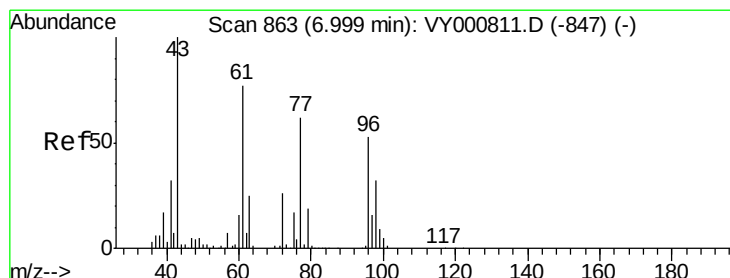
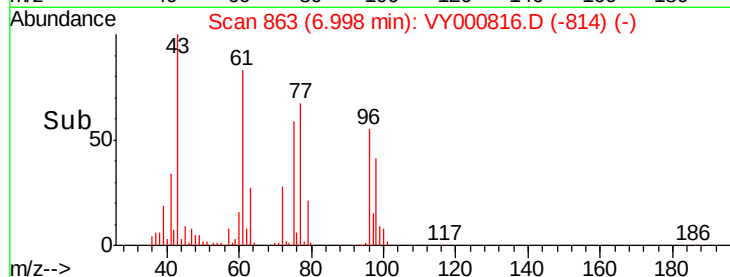
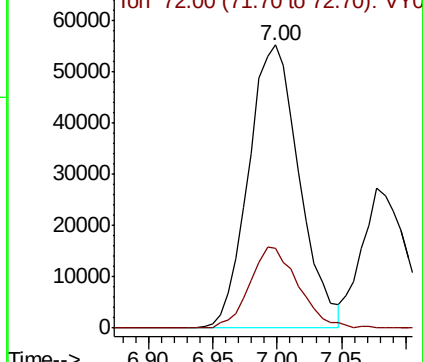
Ion Ratio Lower Upper

43 100

72 28.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0



#26

2,2-Dichloropropane

Concen: 20.229 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000816.D

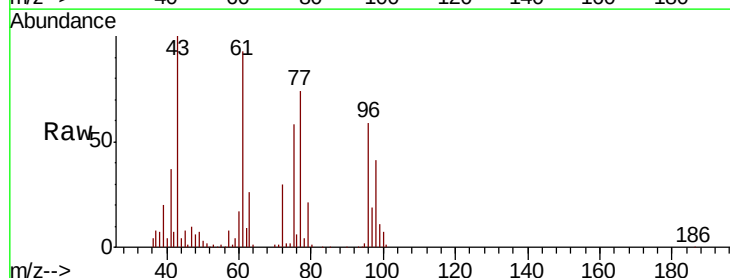
Acq: 27 Nov 2019 14:12

Tgt Ion: 77 Resp: 121074

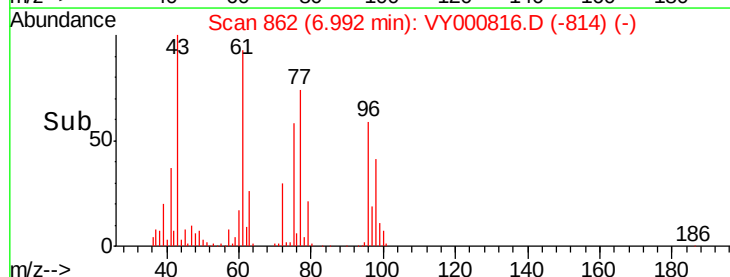
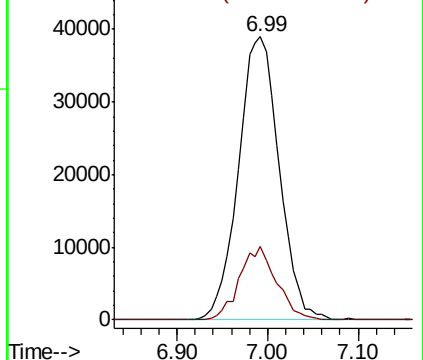
Ion Ratio Lower Upper

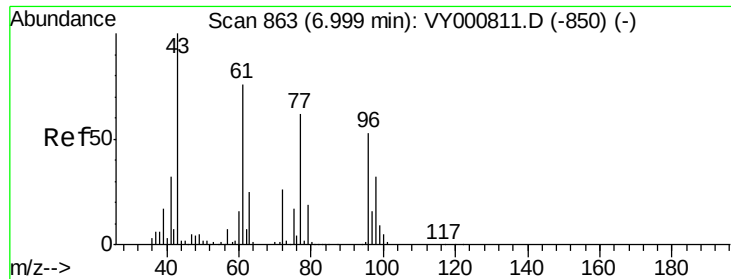
77 100

97 23.8 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0



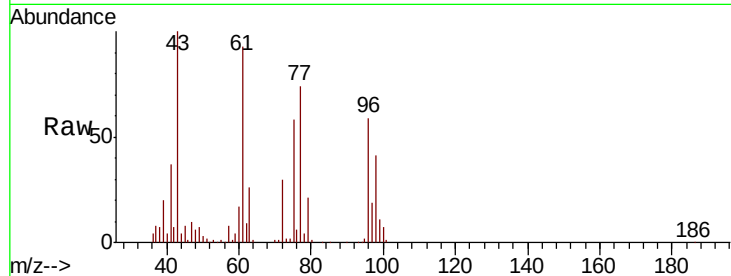


#27

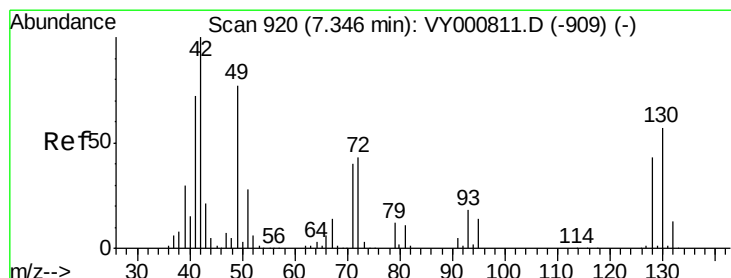
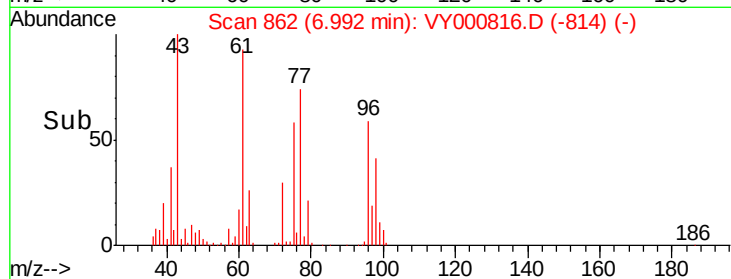
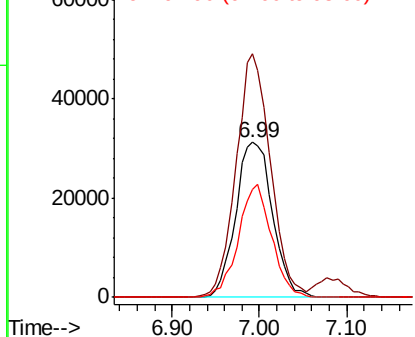
cis-1,2-Dichloroethene
 Concen: 20.290 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 91265
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 285.0
 98 65.8 0.0 128.0



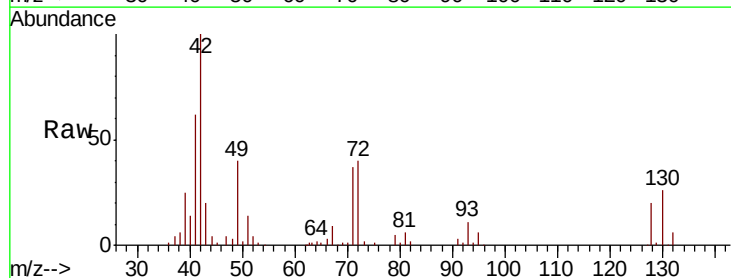
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



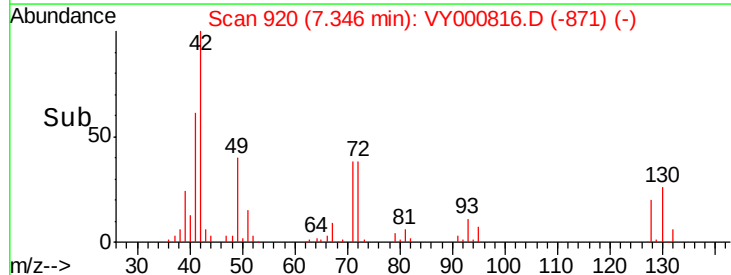
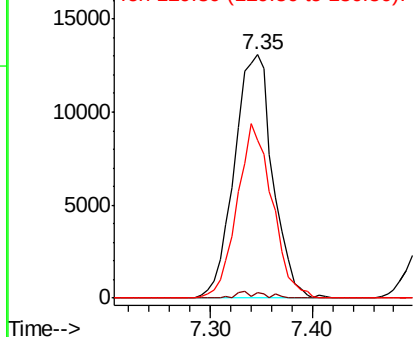
#28

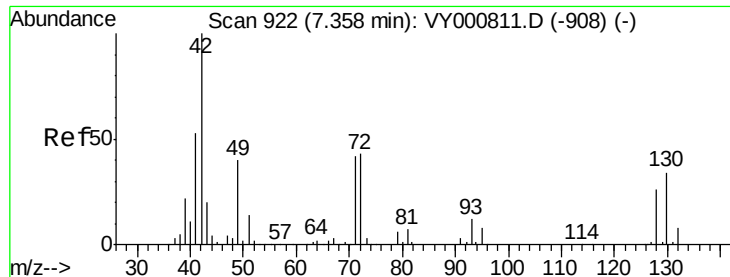
Bromochloromethane
 Concen: 14.594 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 49 Resp: 34173
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 65.7 58.7 88.1



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





#29

Tetrahydrofuran

Concen: 103.938 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampled :

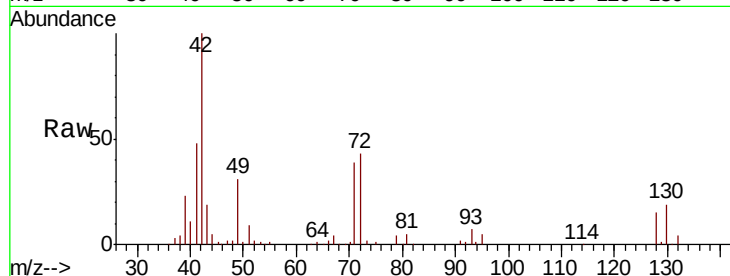
Tot Ion: 42 Resp: 103553

Ion Ratio Lower Upper

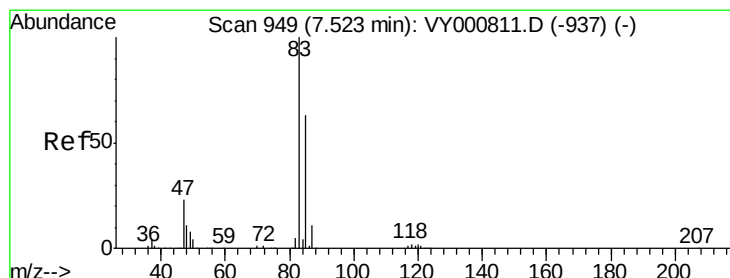
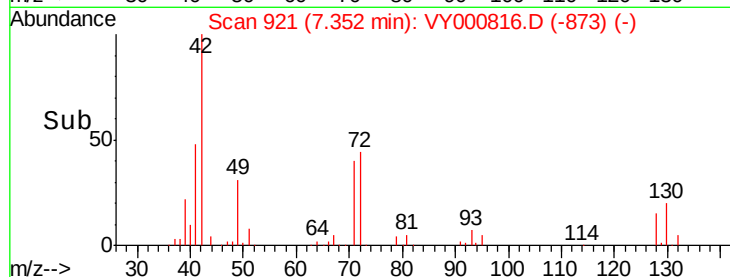
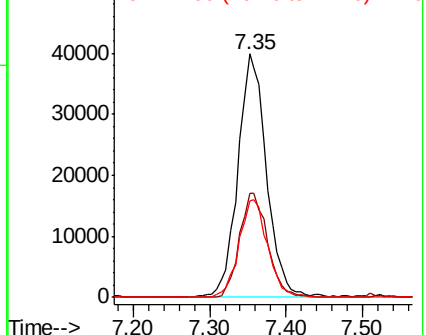
42 100

72 42.2 35.1 52.7

71 39.8 32.8 49.2



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: 20.033 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000816.D

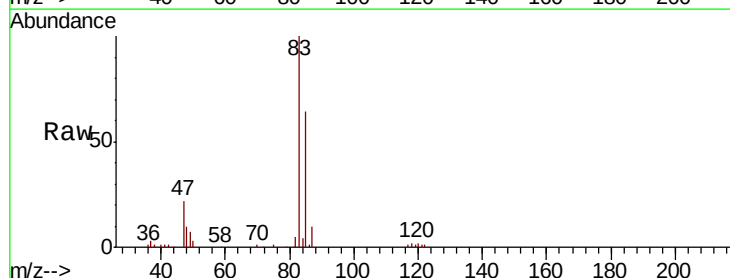
Acq: 27 Nov 2019 14:12

Tgt Ion: 83 Resp: 142909

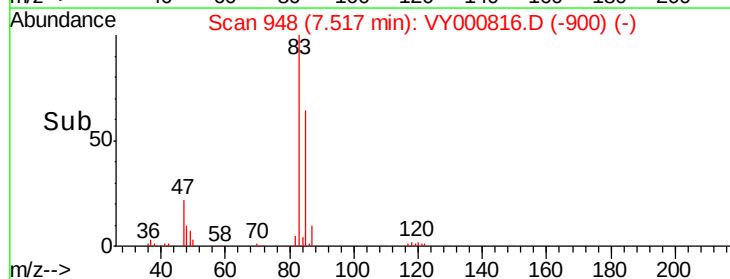
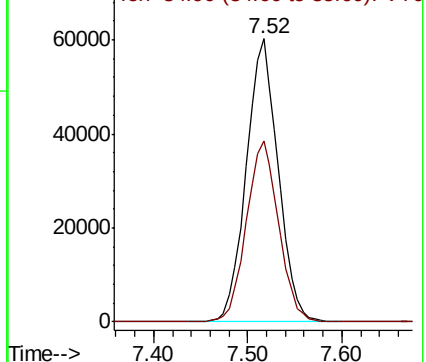
Ion Ratio Lower Upper

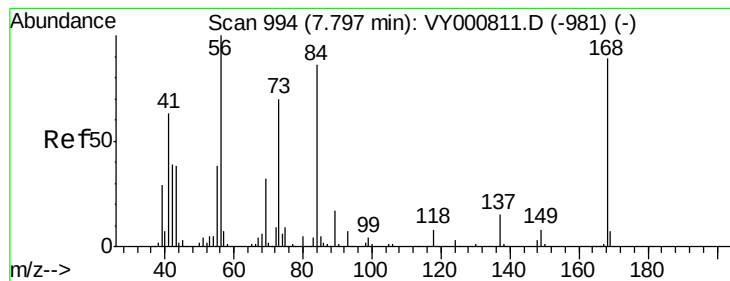
83 100

85 64.1 50.4 75.6



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





#31

Cyclohexane

Concen: 20.168 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

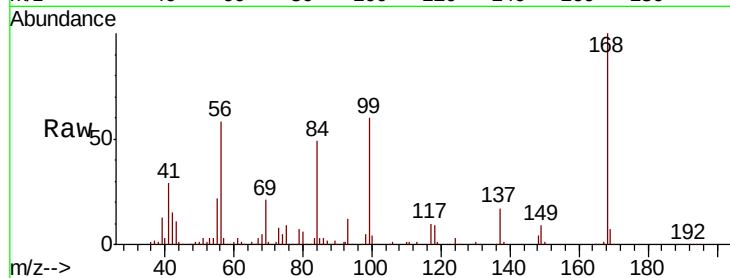
Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 151927

Ion	Ratio	Lower	Upper
56	100		
69	36.2	25.9	38.9
84	83.6	68.6	102.8

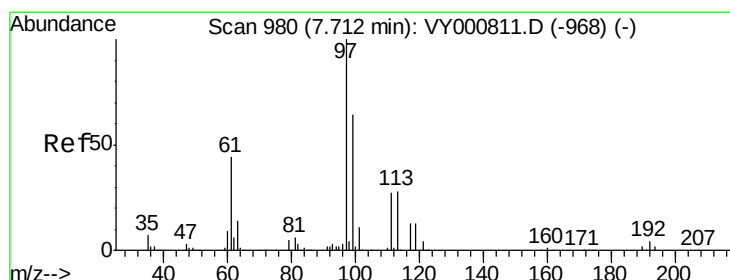
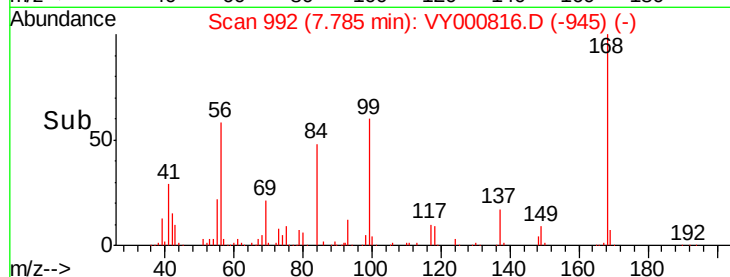
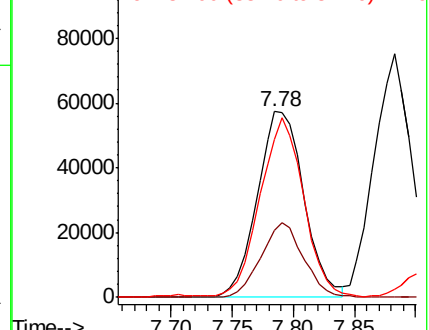


Abundance

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: 20.261 ug/l

RT: 7.71 min Scan# 979

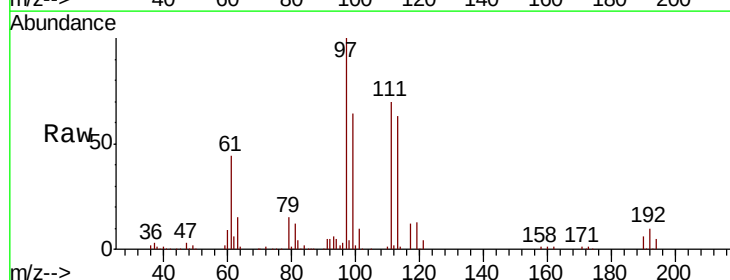
Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion: 97 Resp: 119352

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	42.5	35.0	52.6

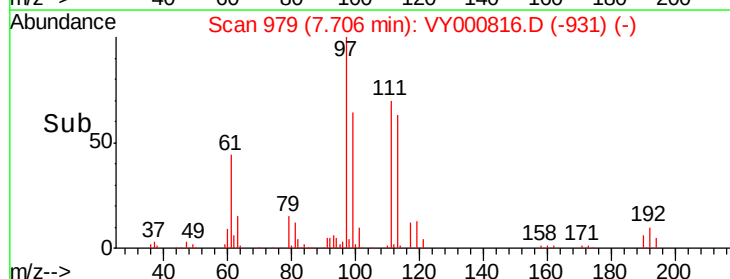
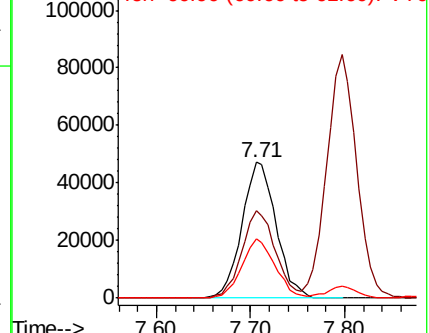


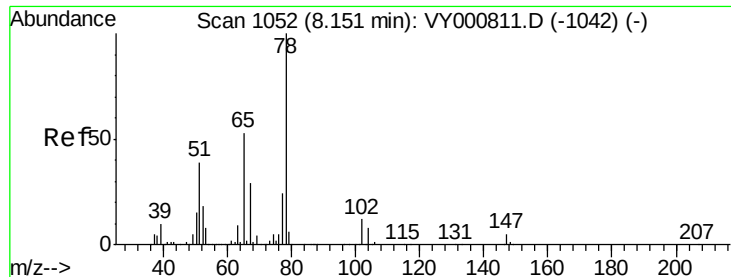
Abundance

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

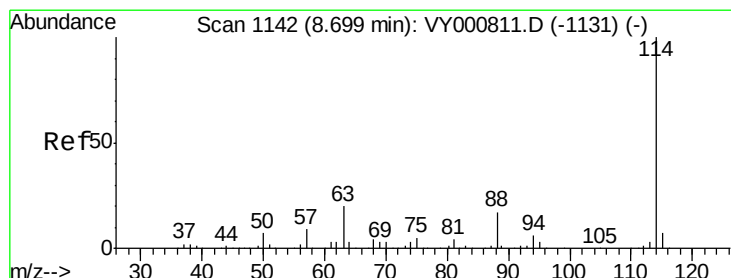
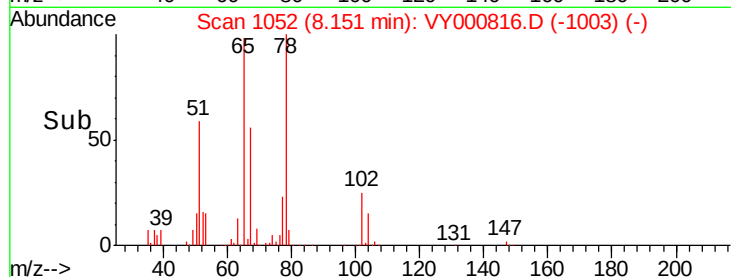
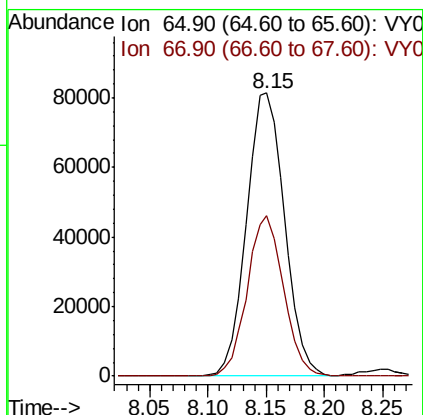
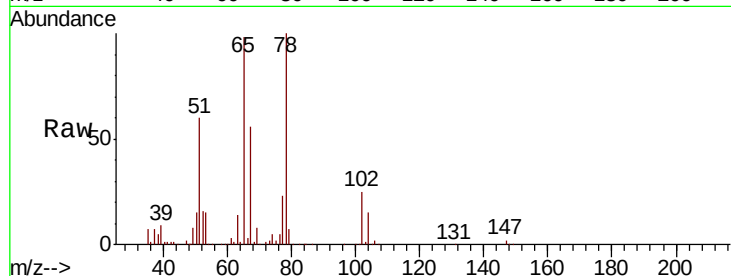




#33
 1,2-Dichloroethane-d4
 Concen: 52.305 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

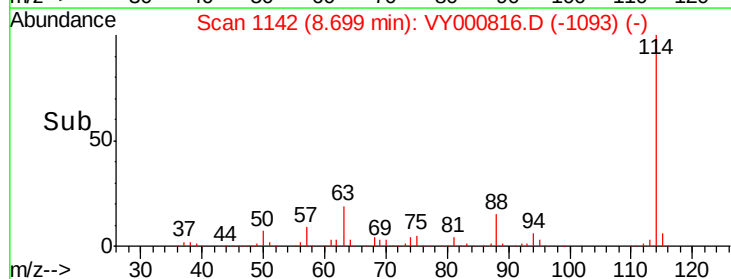
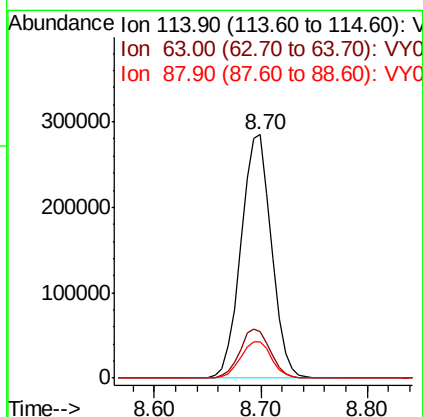
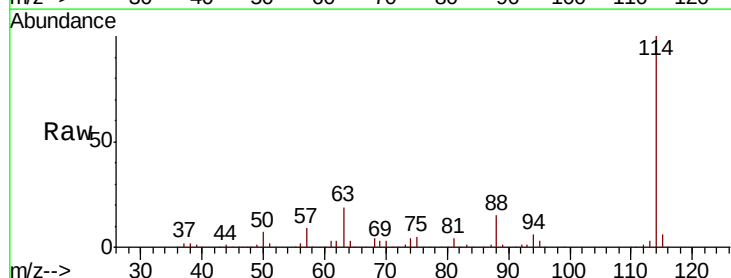
Instrument :
 MSVOA_Y
 ClientSampleId :

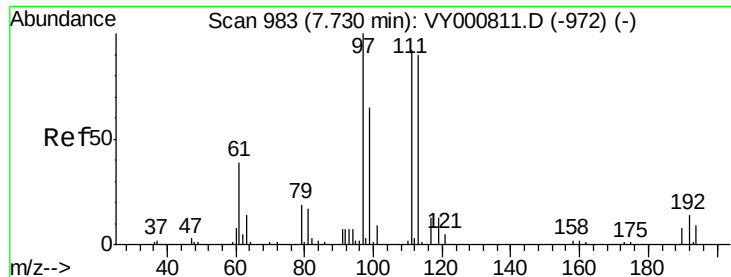
Tot Ion: 65 Resp: 185579
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 114 Resp: 572143
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.8
 88 15.1 0.0 33.2

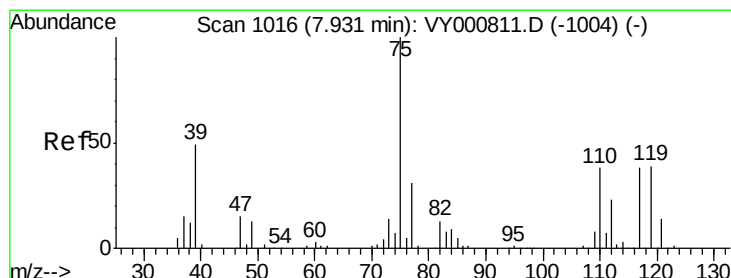
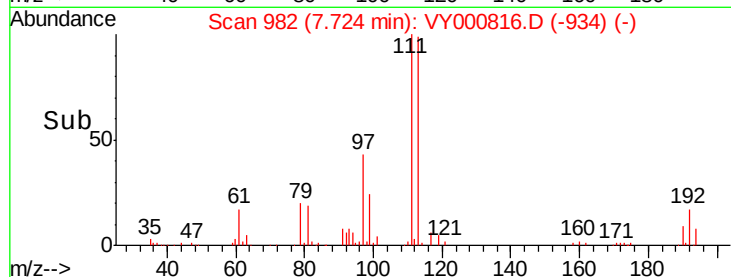
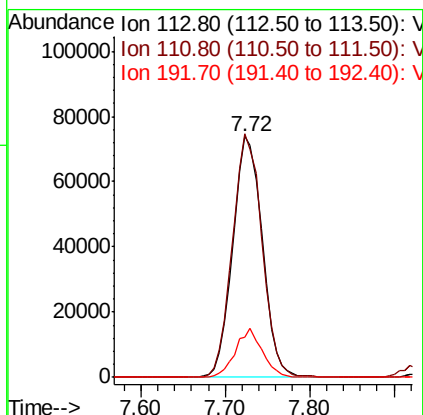
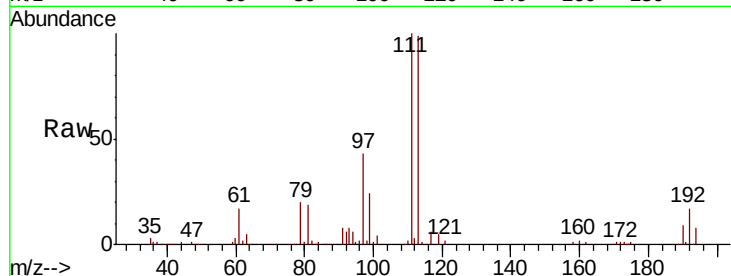




#35
Dibromofluoromethane
Concen: 52.452 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

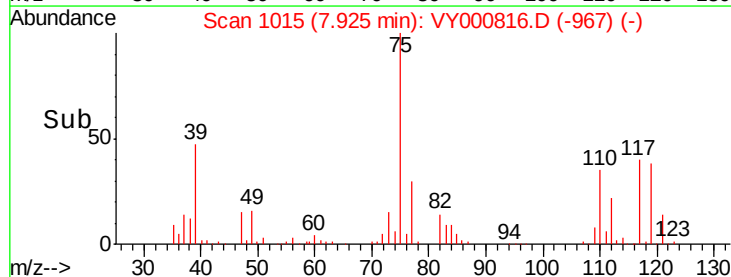
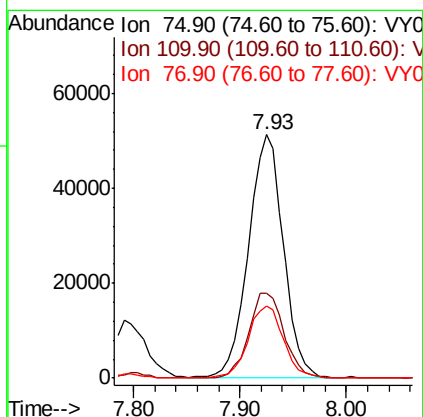
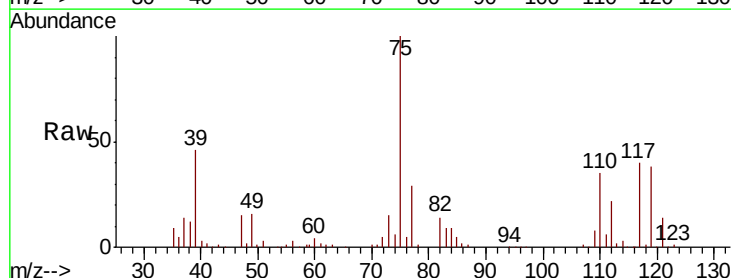
Instrument :
MSVOA_Y
ClientSampled :

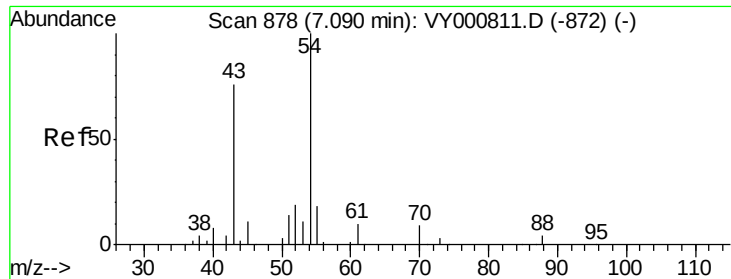
Tot Ion:113 Resp: 174900
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 18.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.623 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 75 Resp: 117323
Ion Ratio Lower Upper
75 100
110 35.6 17.9 53.7
77 30.3 24.7 37.1

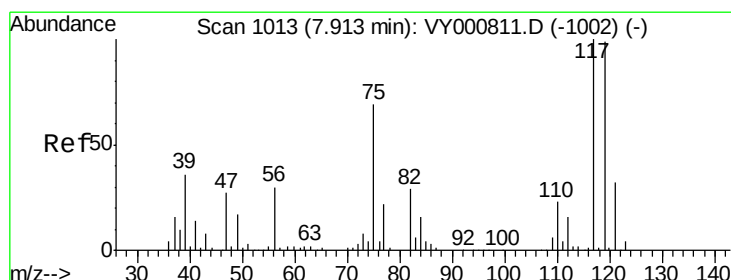
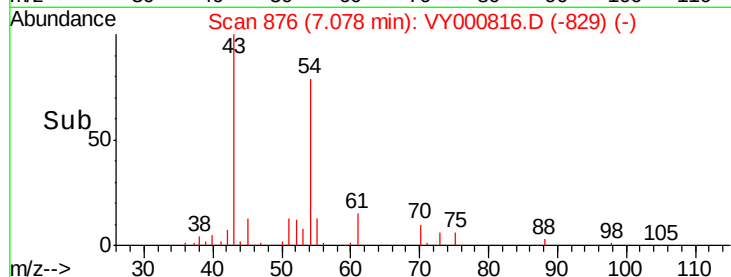
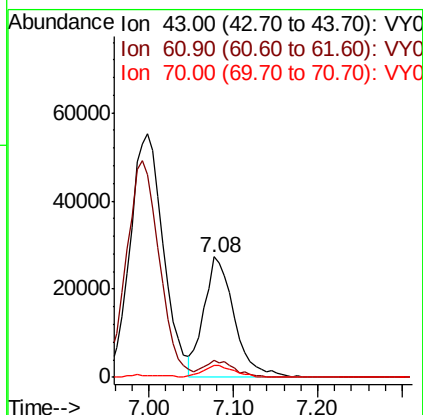
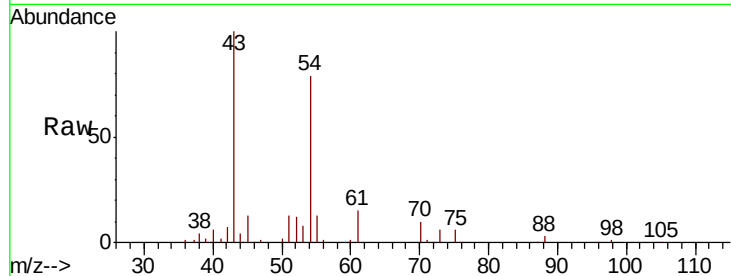




#37
Ethyl Acetate
Concen: 20.835 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

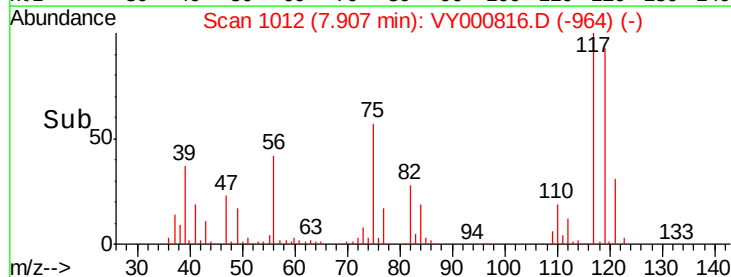
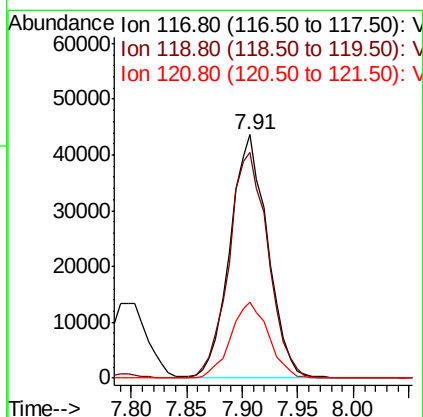
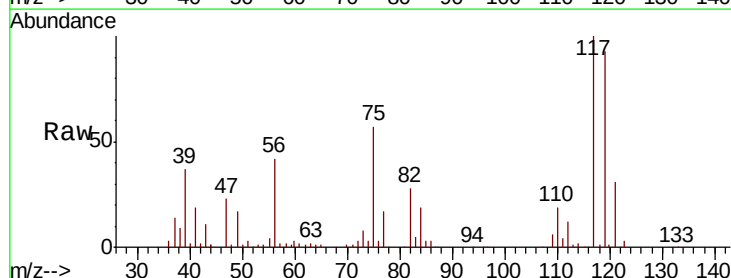
Instrument :
MSVOA_Y
ClientSampled :

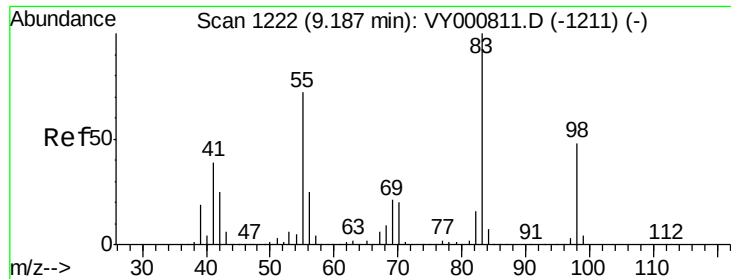
Tot Ion: 43 Resp: 68440
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.209 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 117 Resp: 102386
Ion Ratio Lower Upper
117 100
119 92.6 79.3 118.9
121 30.9 25.5 38.3

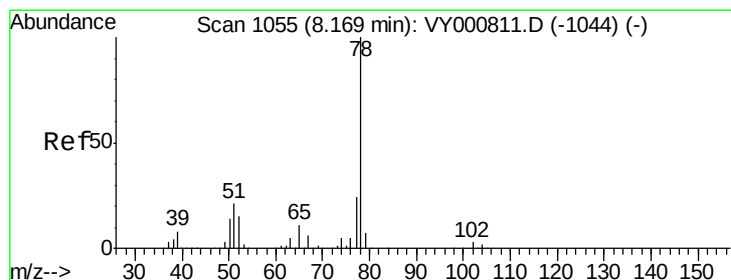
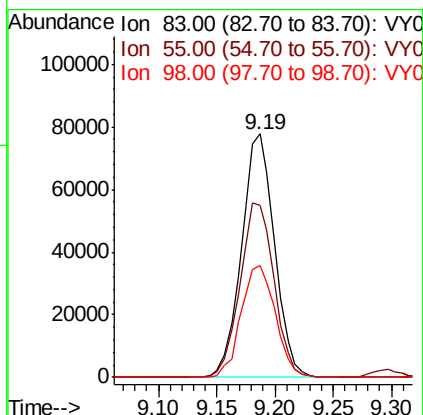
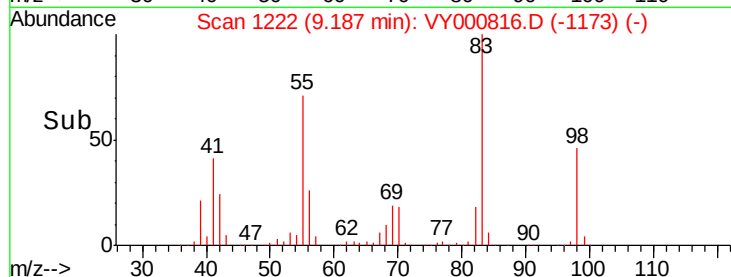
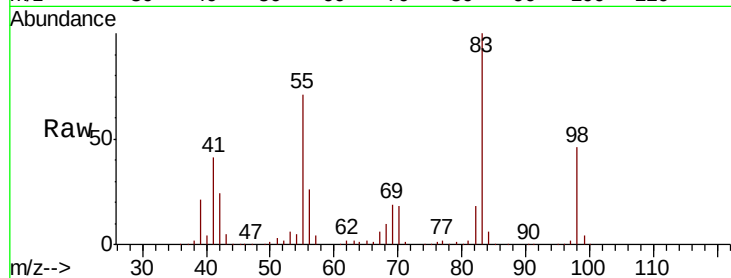




#39
Methylvlcyclohexane
Concen: 20.376 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

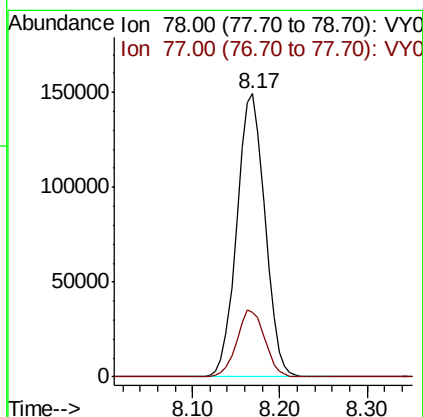
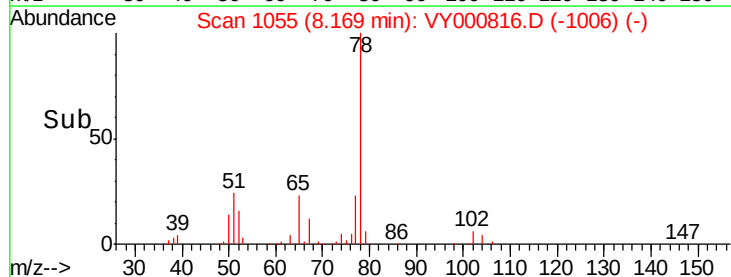
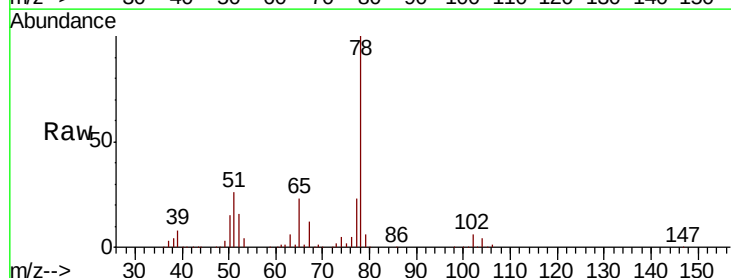
Instrument :
MSVOA_Y
ClientSampleId :

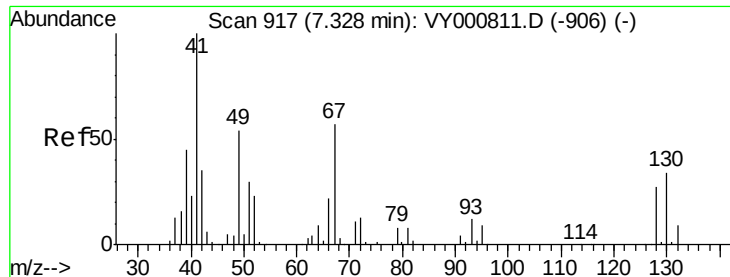
Tot Ion: 83 Resp: 153573
Ion Ratio Lower Upper
83 100
55 70.5 57.8 86.6
98 45.9 38.6 58.0



#40
Benzene
Concen: 20.169 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 78 Resp: 334203
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

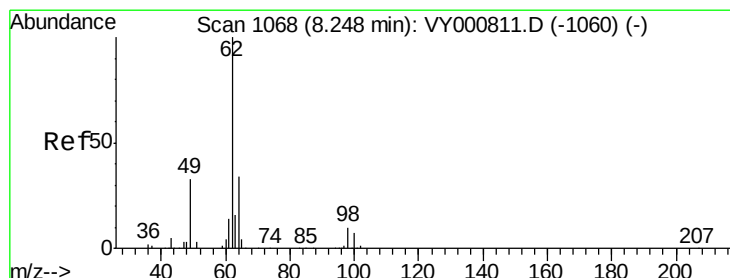
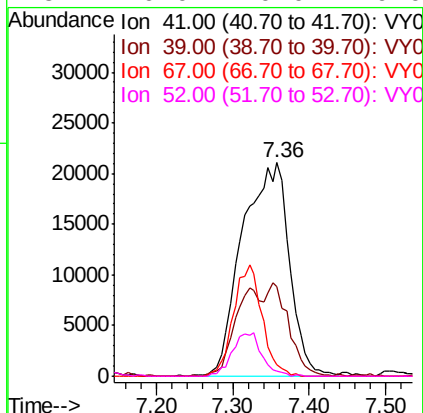
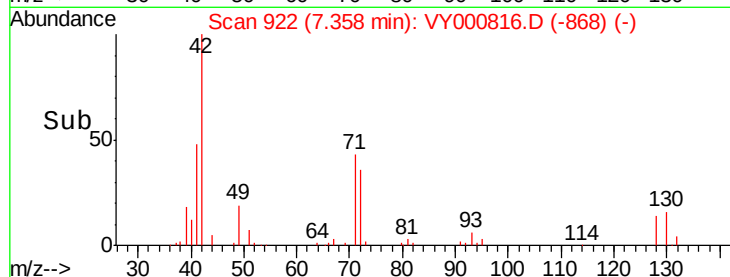
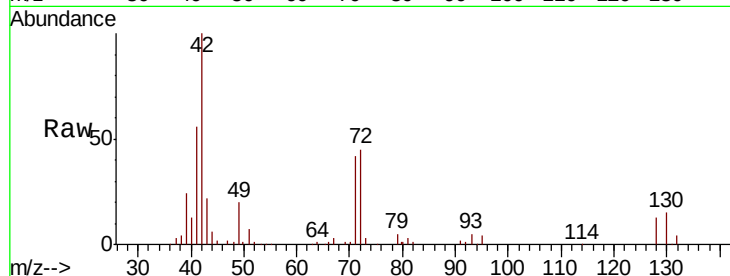




#41
Methacrylonitrile
Concen: 51.865 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

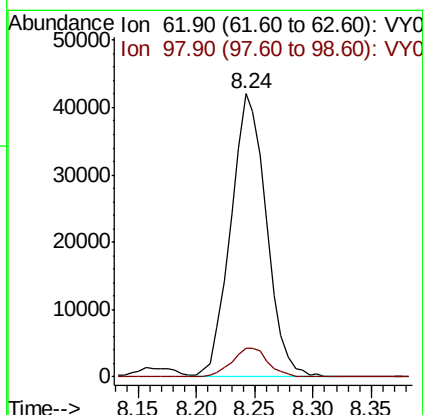
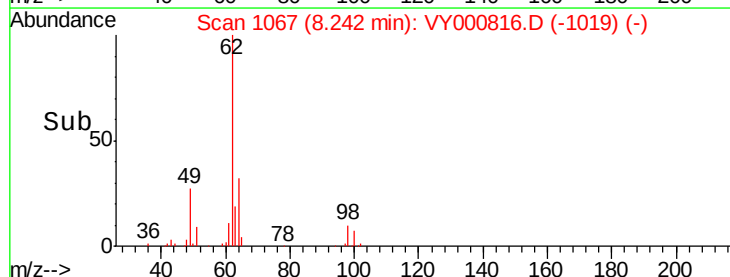
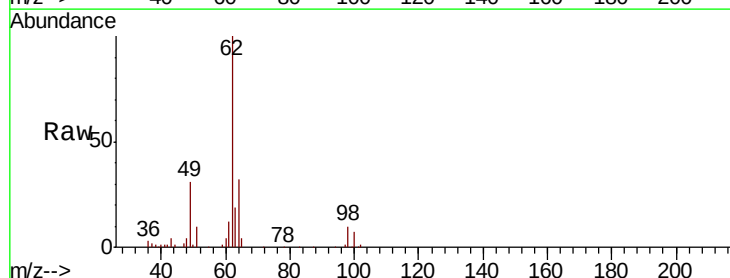
Instrument :
MSVOA_Y
ClientSampleId :

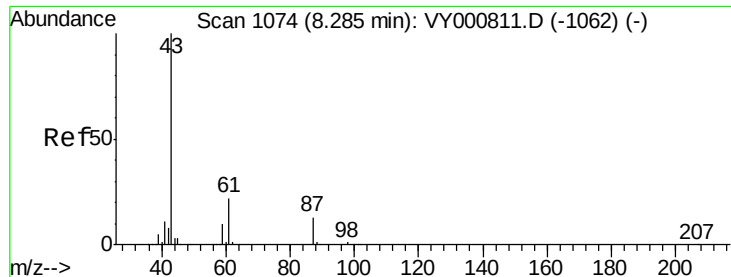
Tot Ion: 41 Resp: 89793
Ion Ratio Lower Upper
41 100
39 0.0 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.538 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 62 Resp: 89501
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4





#43

Isopropyl Acetate

Concen: 20.581 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

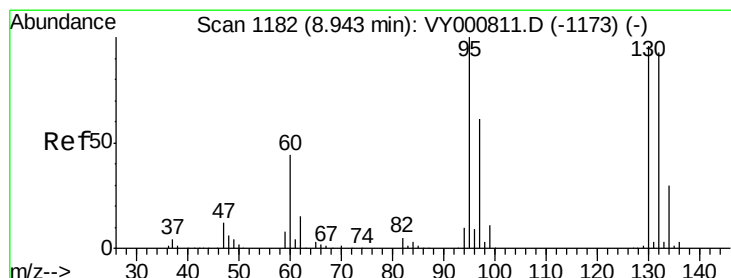
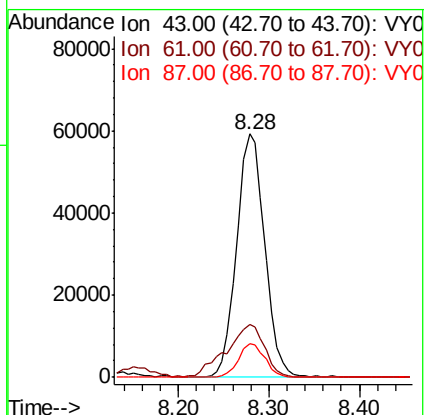
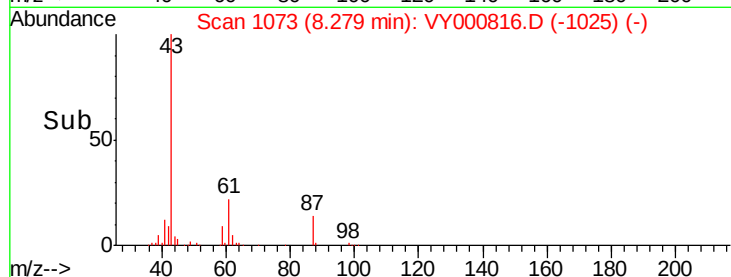
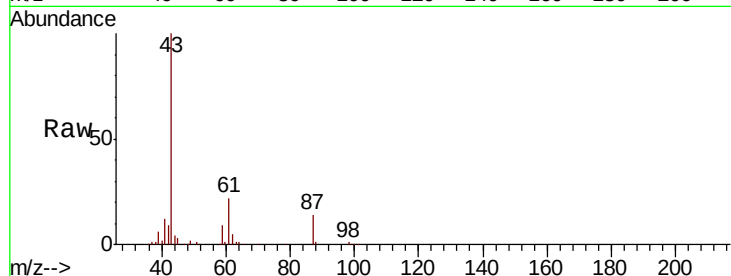
Tot Ion: 43 Resp: 127401

Ion Ratio Lower Upper

43 100

61 29.7 23.7 35.5

87 12.9 10.6 15.8



#44

Trichloroethene

Concen: 20.343 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000816.D

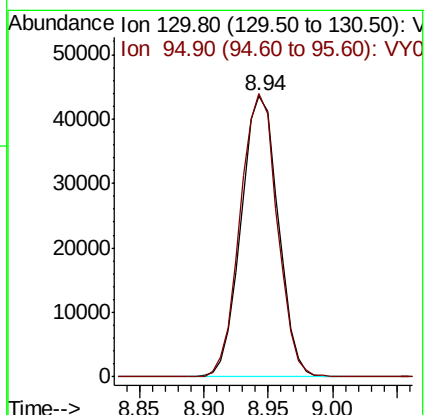
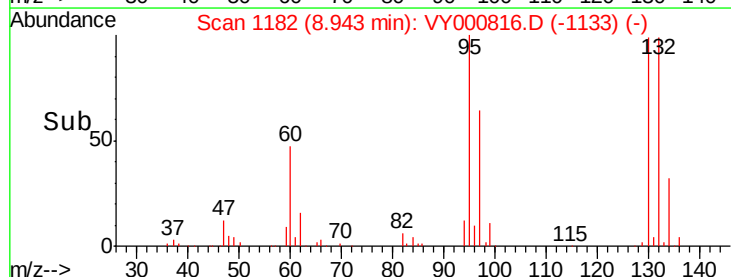
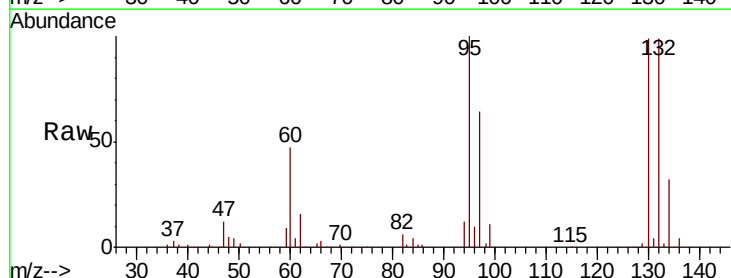
Acq: 27 Nov 2019 14:12

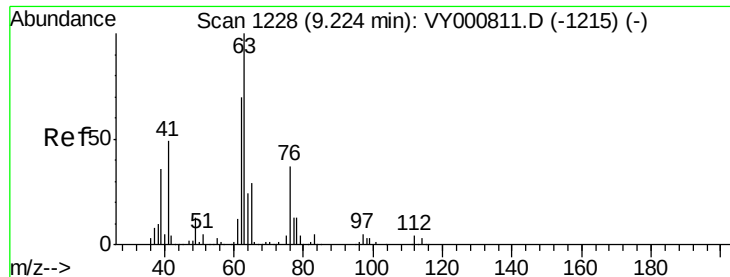
Tgt Ion:130 Resp: 86632

Ion Ratio Lower Upper

130 100

95 100.7 0.0 207.8

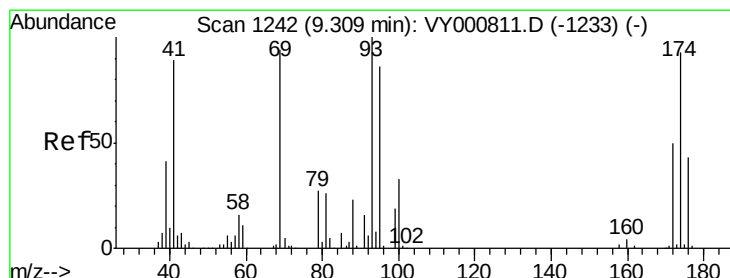
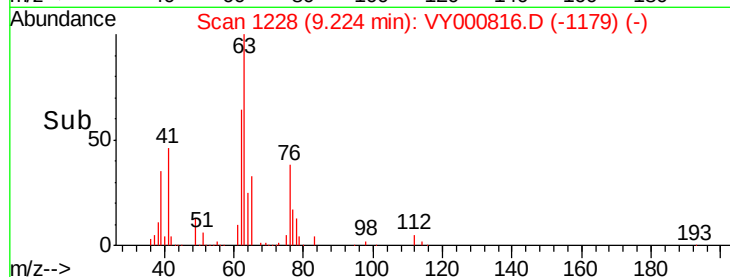
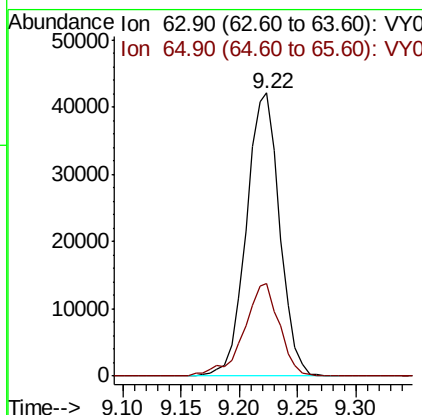
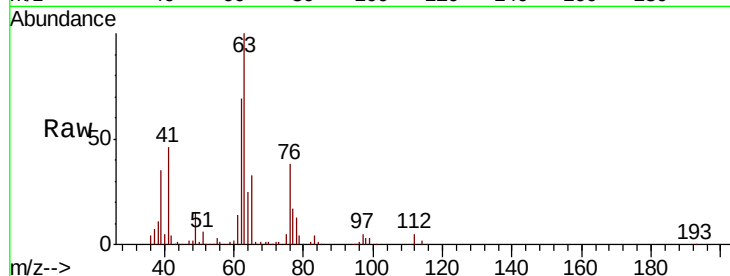




#45
 1,2-Dichloropropane
 Concen: 20.183 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

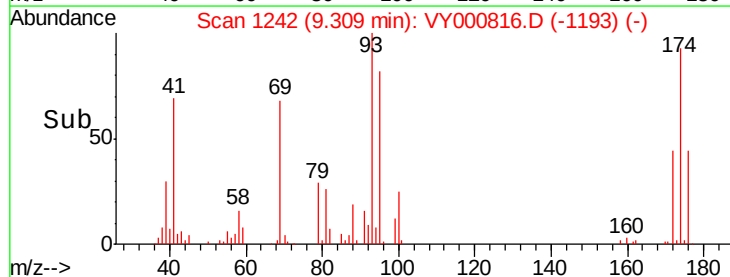
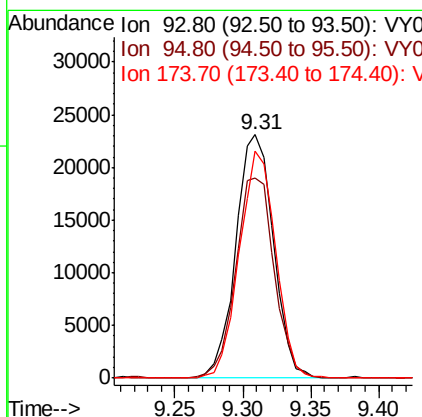
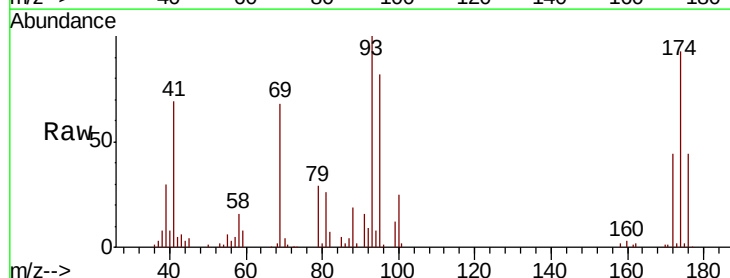
Instrument :
 MSVOA_Y
 ClientSampleId :

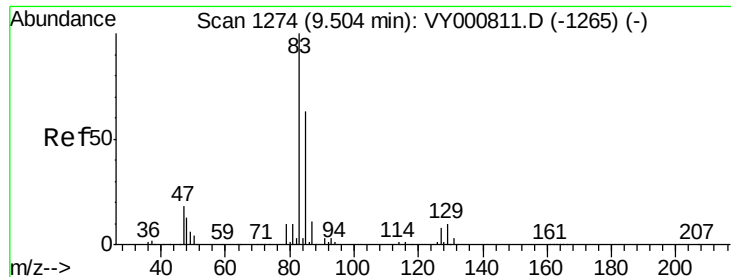
Tot Ion: 63 Resp: 84007
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.2 34.8



#46
 Dibromomethane
 Concen: 20.542 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 93 Resp: 44674
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.4 99.6
 174 89.6 73.0 109.6





#47

Bromodichloromethane

Concen: 20.292 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

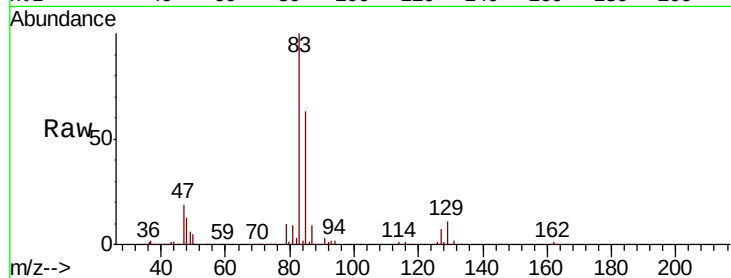
Tot Ion: 83 Resp: 103668

Ion Ratio Lower Upper

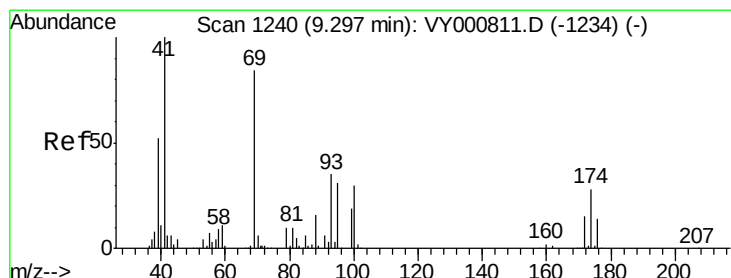
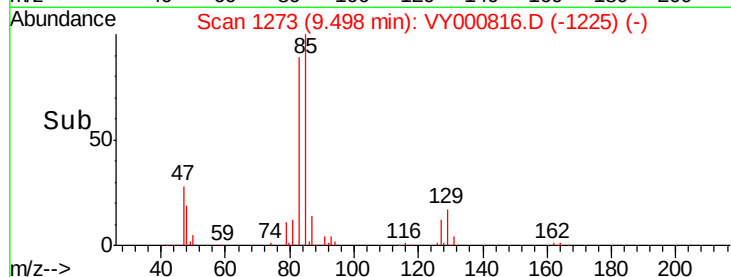
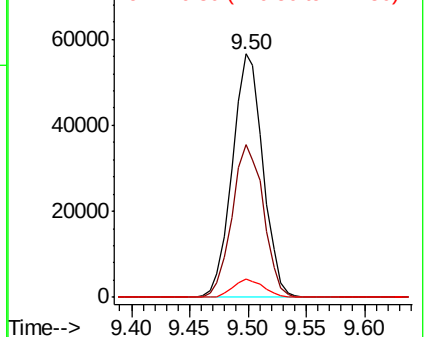
83 100

85 63.0 50.8 76.2

127 7.5 6.6 10.0



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



#48

Methyl methacrylate

Concen: 20.613 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

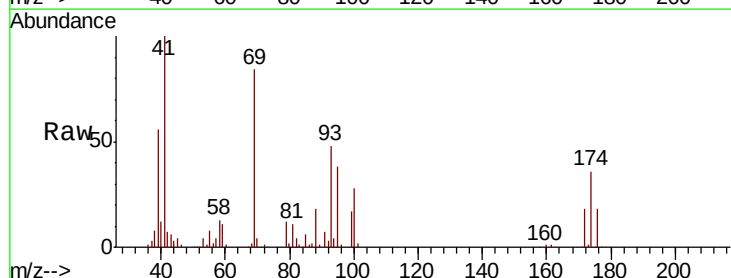
Tgt Ion: 41 Resp: 56109

Ion Ratio Lower Upper

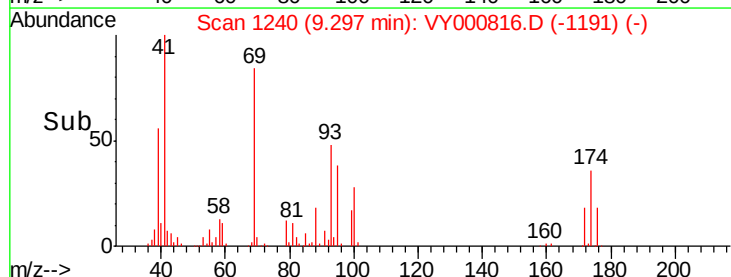
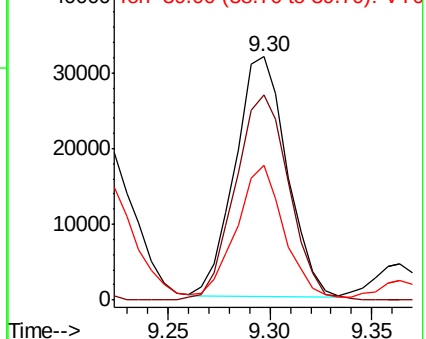
41 100

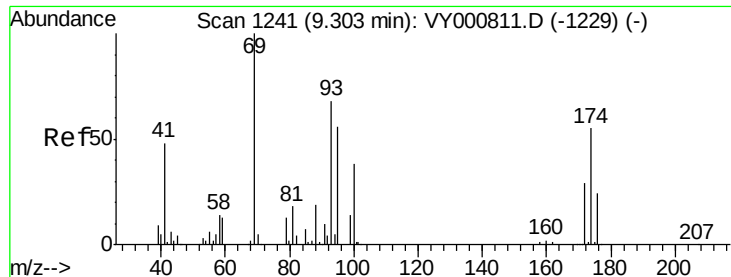
69 88.7 70.4 105.6

39 50.2 40.9 61.3



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





#49

1,4-Dioxane

Concen: 418.604 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :

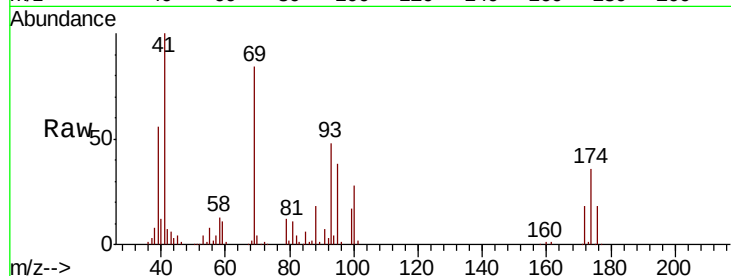
Tot Ion: 88 Resp: 12899

Ion Ratio Lower Upper

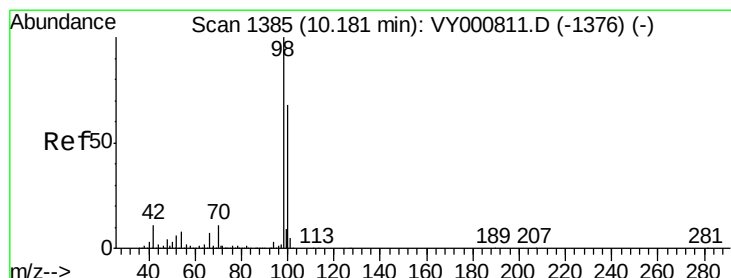
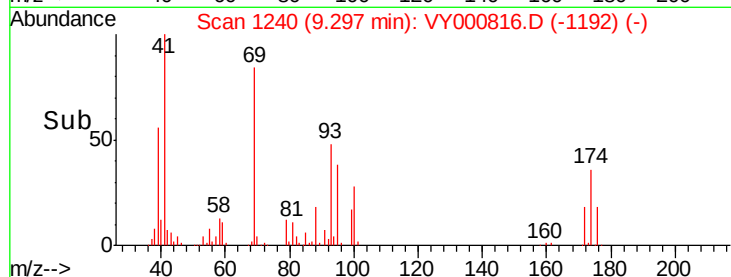
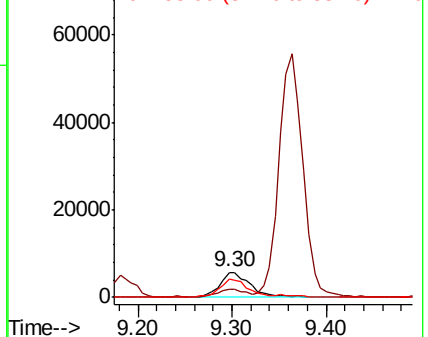
88 100

43 29.0 21.1 31.7

58 67.4 50.7 76.1



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: 54.675 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000816.D

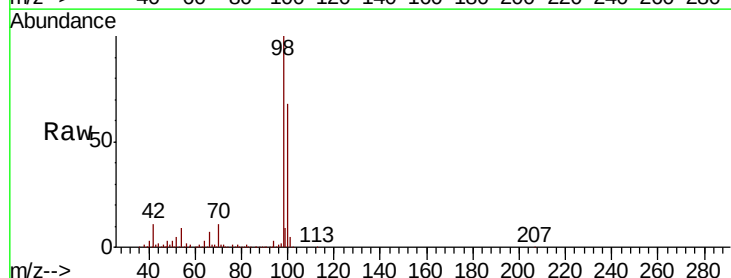
Acq: 27 Nov 2019 14:12

Tgt Ion: 98 Resp: 728873

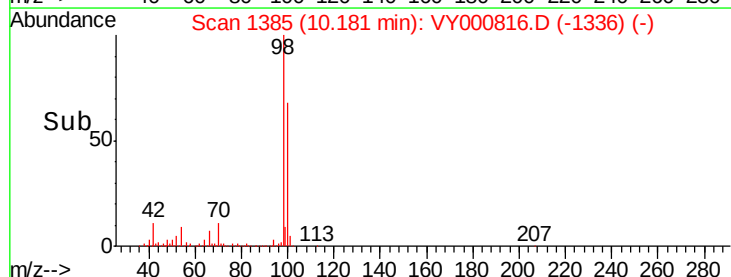
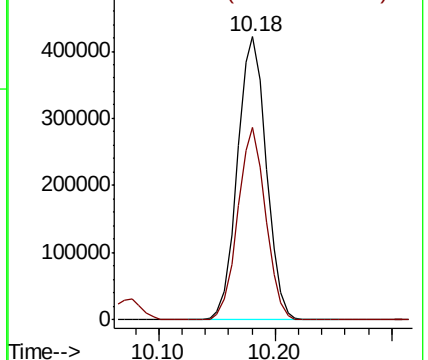
Ion Ratio Lower Upper

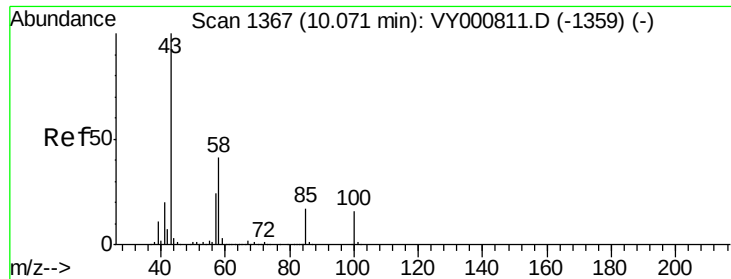
98 100

100 65.6 53.1 79.7



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

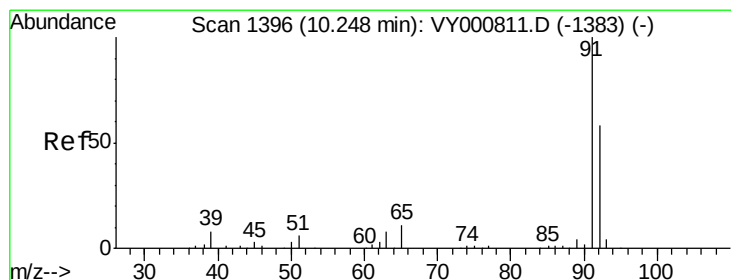
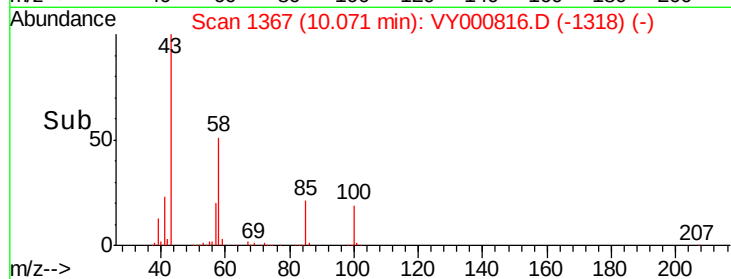
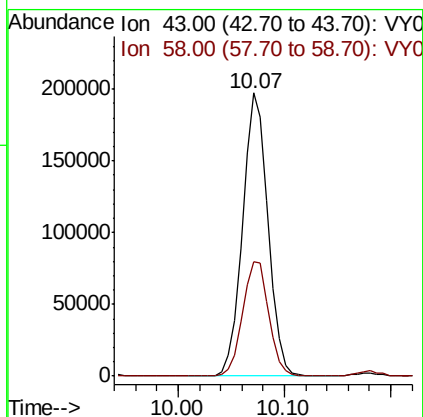
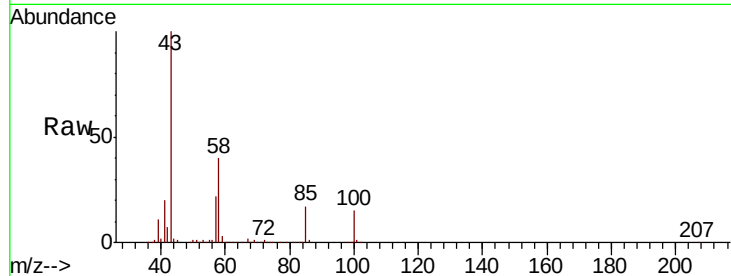




#51
 4-Methyl-2-Pentanone
 Concen: 103.347 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

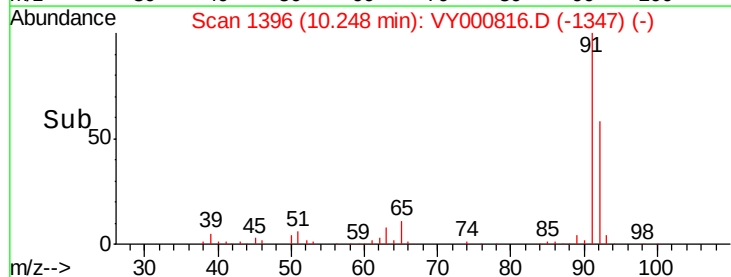
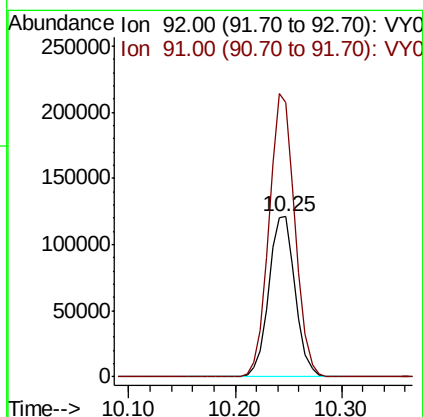
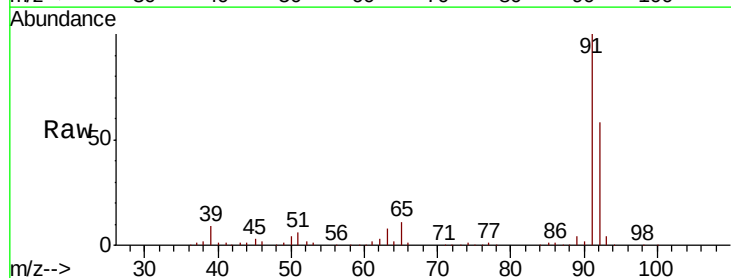
Instrument :
 MSVOA_Y
 ClientSampled :

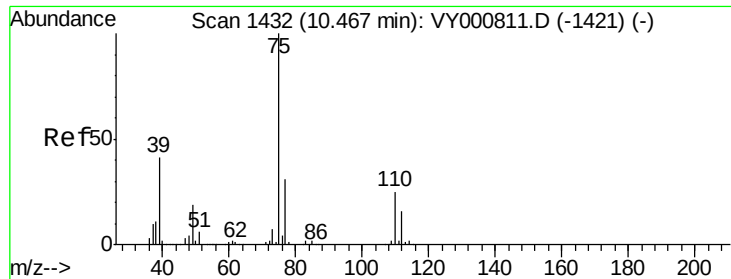
Tot Ion: 43 Resp: 330533
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.1 49.7



#52
 Toluene
 Concen: 20.515 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 92 Resp: 210476
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.466 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

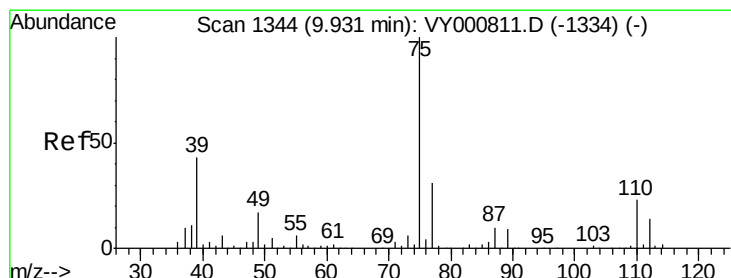
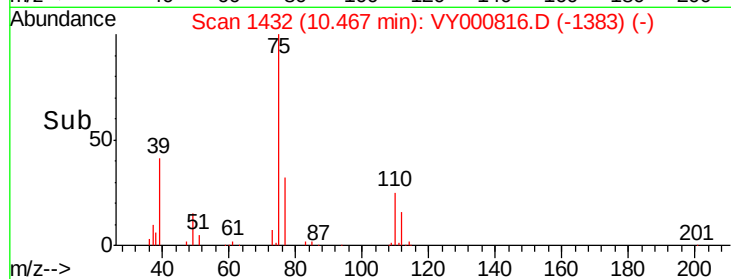
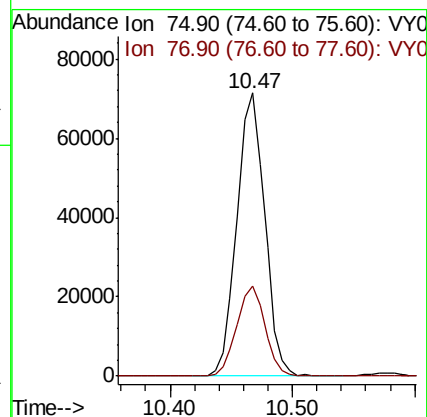
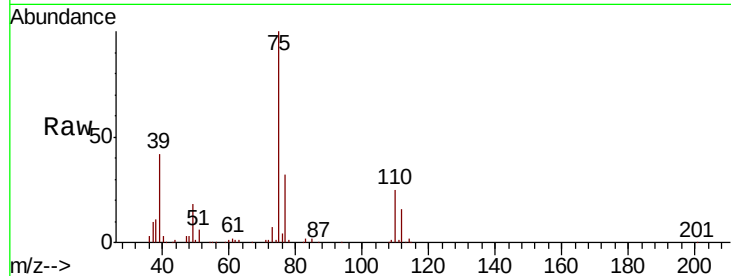
ClientSampleId :

Tot Ion: 75 Resp: 112334

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.348 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

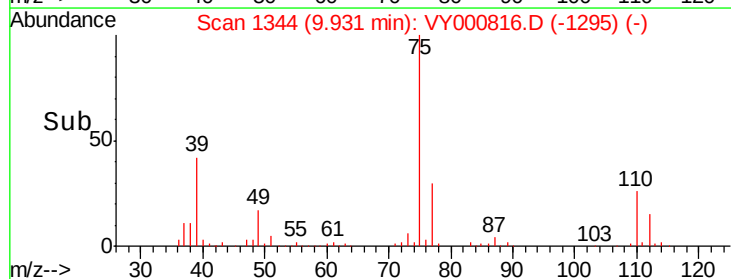
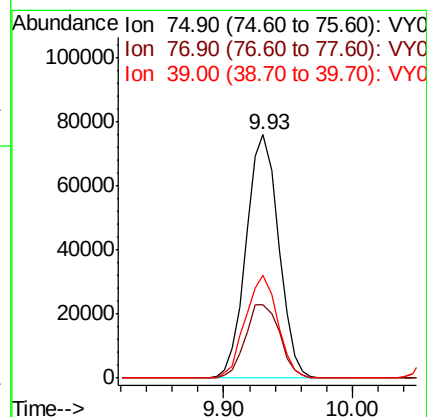
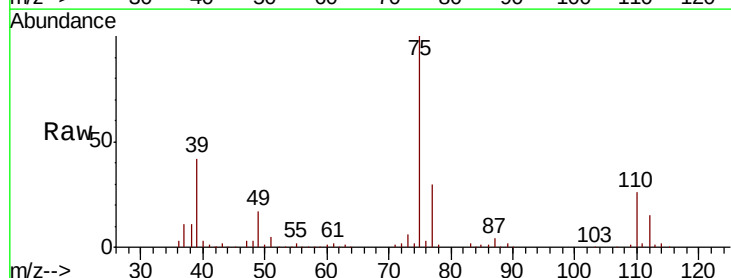
Tgt Ion: 75 Resp: 132013

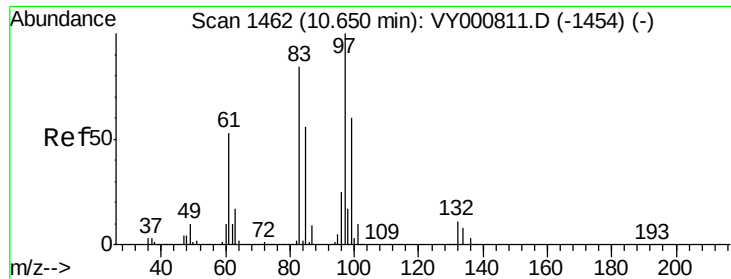
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 42.4 34.5 51.7

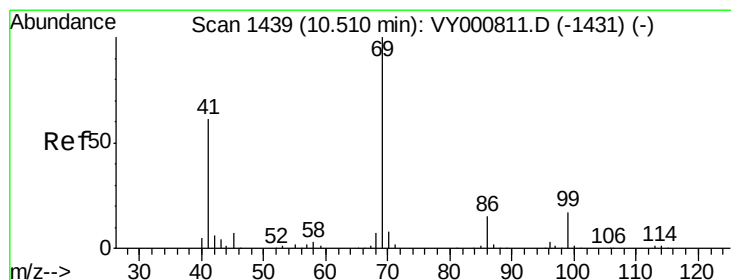
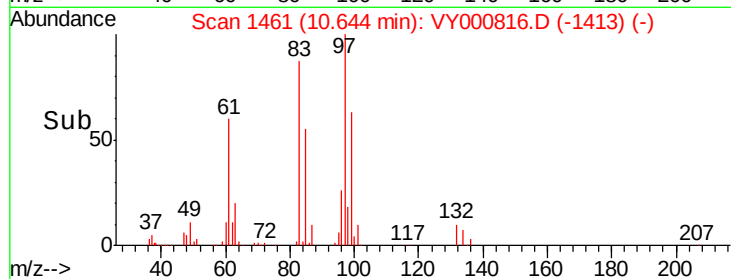
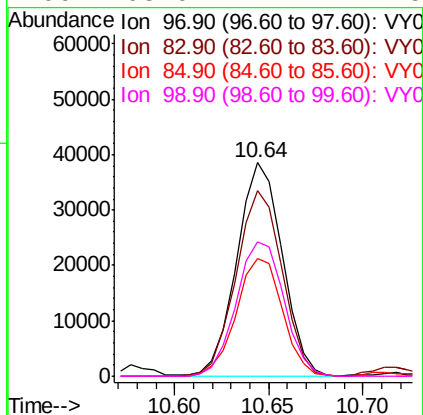
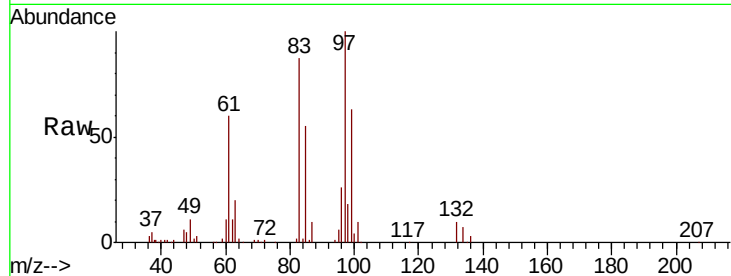




#55
 1,1,2-Trichloroethane
 Concen: 20.114 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

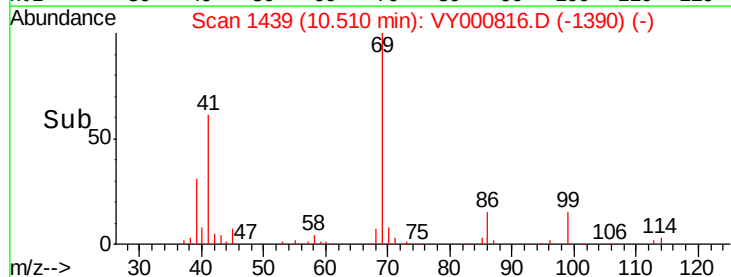
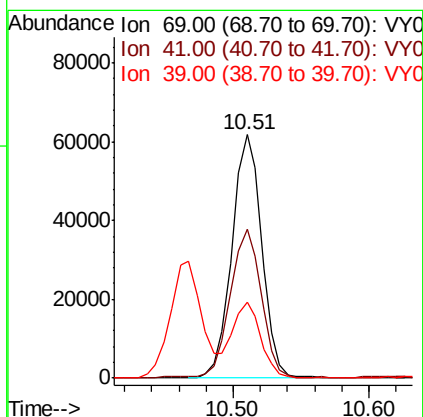
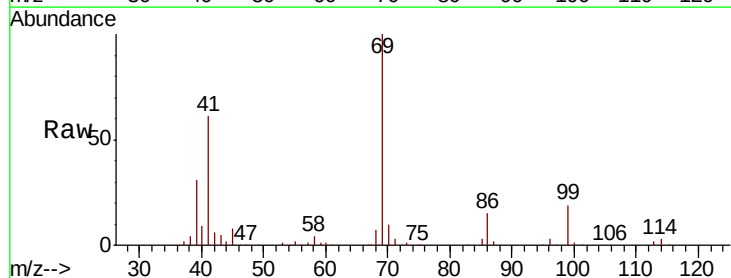
Instrument :
 MSVOA_Y
 ClientSampled :

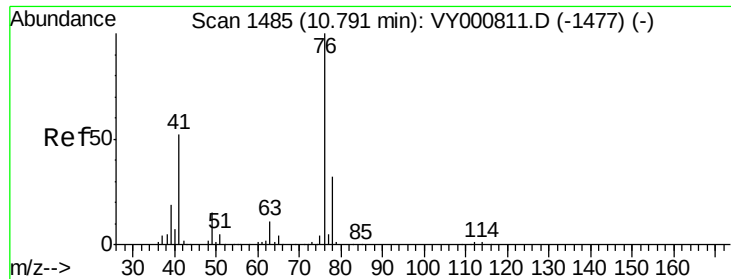
Tot Ion: 97 Resp: 64628
 Ion Ratio Lower Upper
 97 100
 83 86.7 67.5 101.3
 85 54.7 44.5 66.7
 99 63.0 47.7 71.5



#56
 Ethyl methacrylate
 Concen: 20.508 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 69 Resp: 94261
 Ion Ratio Lower Upper
 69 100
 41 64.7 49.0 73.6
 39 31.2 23.1 34.7





#57

1,3-Dichloropropane

Concen: 20.665 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

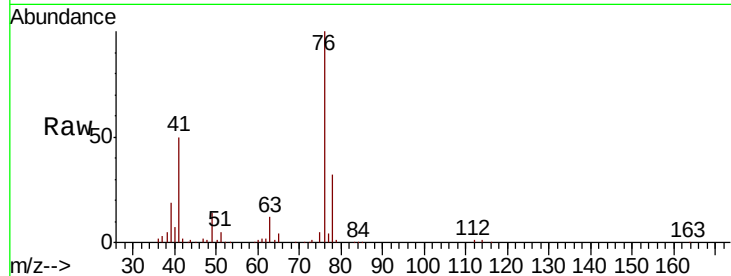
ClientSampleId :

Tot Ion: 76 Resp: 115725

Ion Ratio Lower Upper

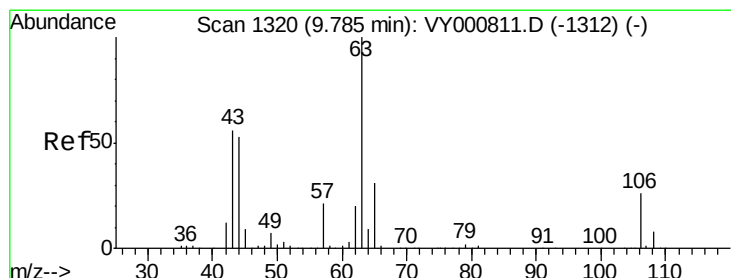
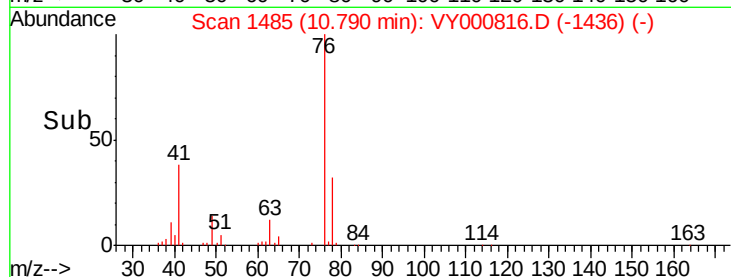
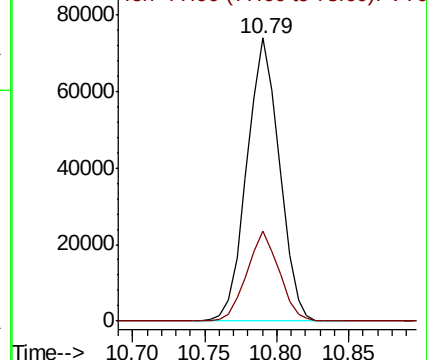
76 100

78 31.3 26.4 39.6



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: 105.609 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000816.D

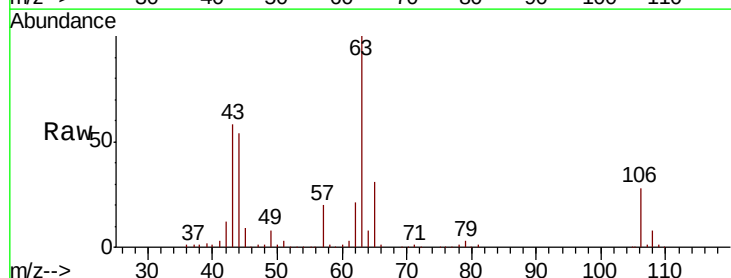
Acq: 27 Nov 2019 14:12

Tgt Ion: 63 Resp: 195725

Ion Ratio Lower Upper

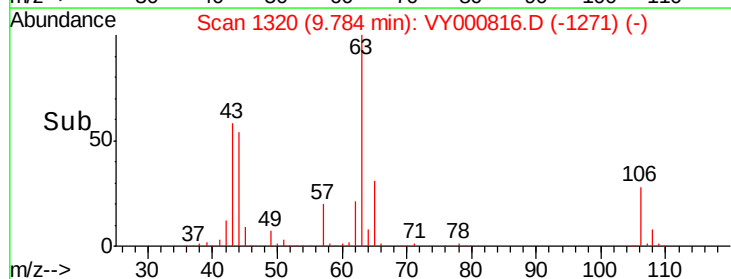
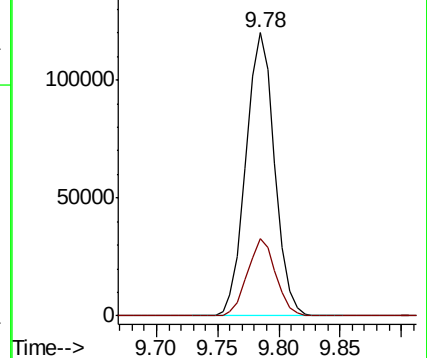
63 100

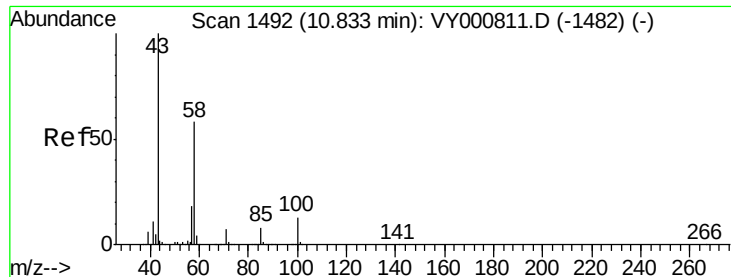
106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

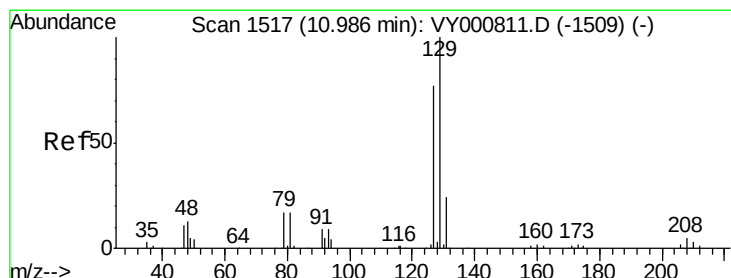
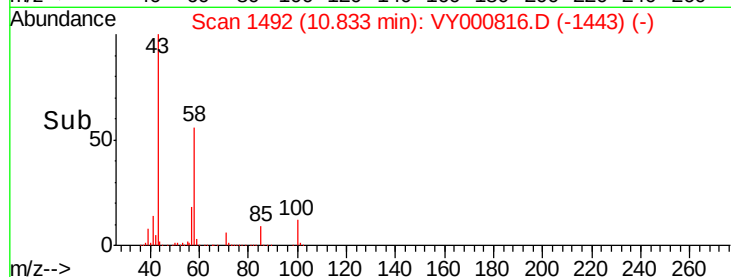
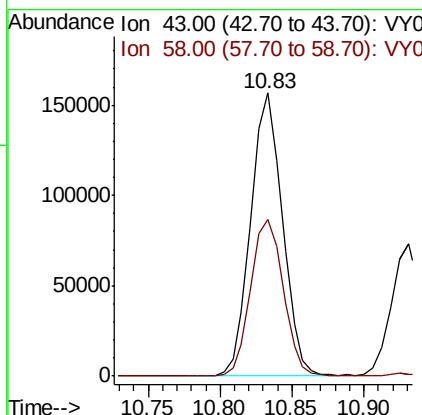
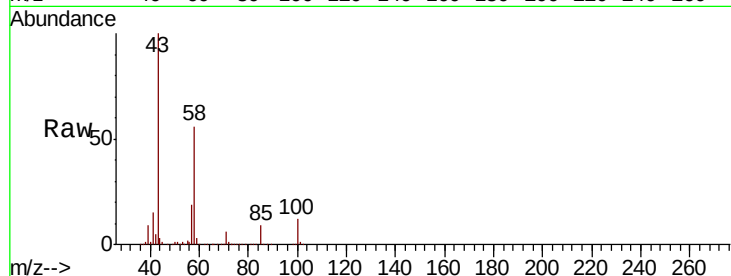




#59
2-Hexanone
Concen: 102.714 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

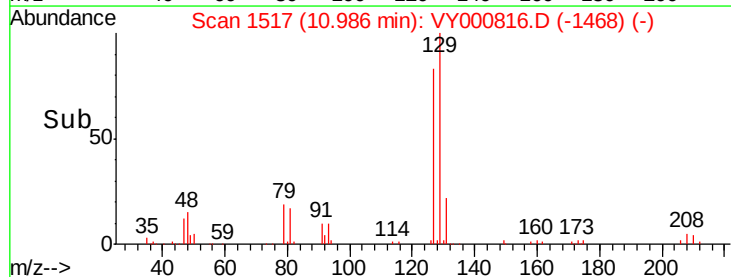
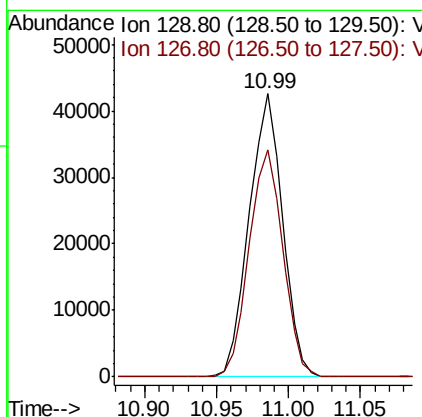
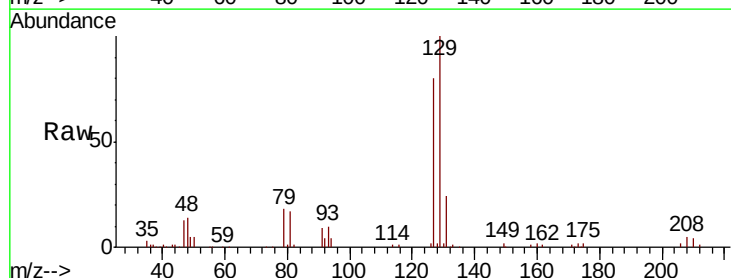
Instrument :
MSVOA_Y
ClientSampleId :

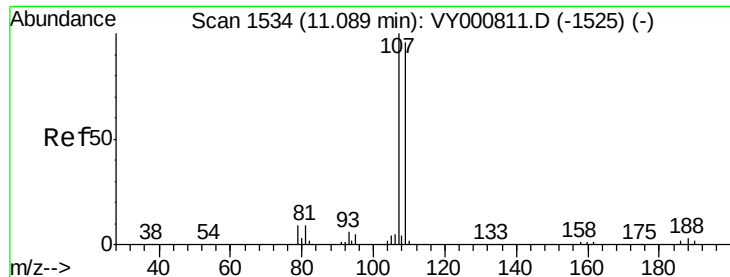
Tot Ion: 43 Resp: 239379
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.1



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion:129 Resp: 68430
Ion Ratio Lower Upper
129 100
127 81.1 39.1 117.2

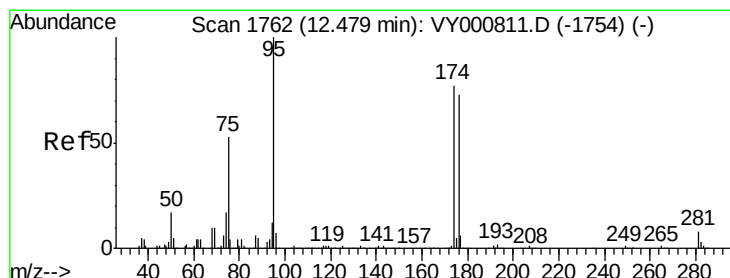
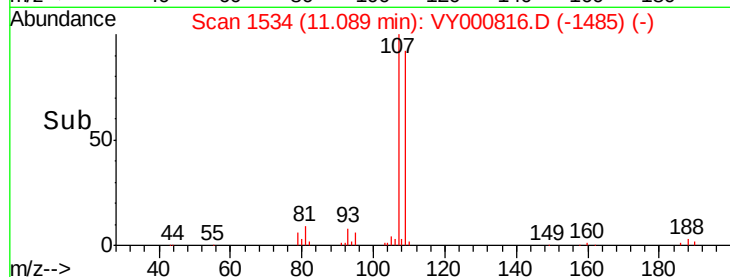
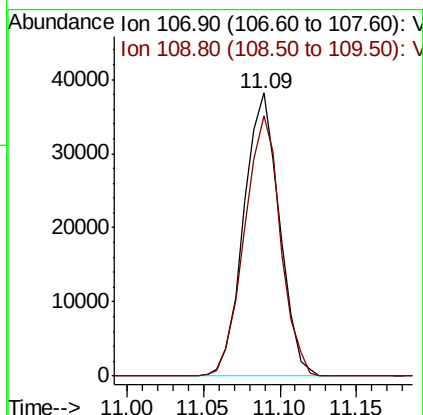
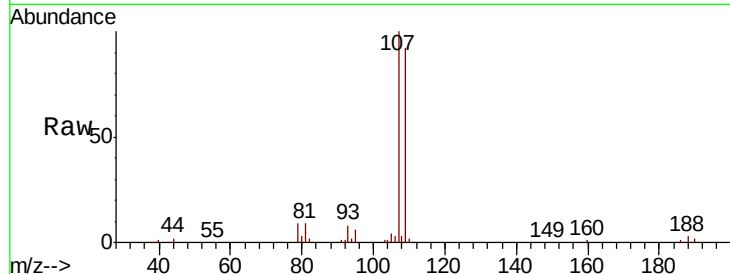




#61
1,2-Dibromoethane
Concen: 20.441 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

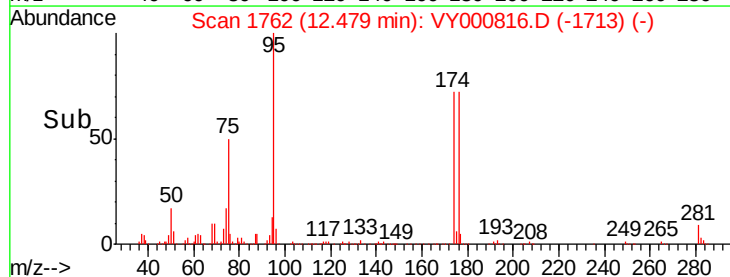
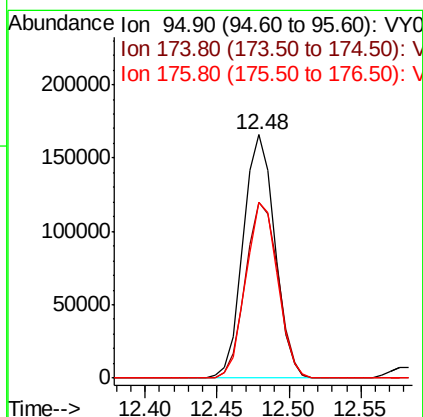
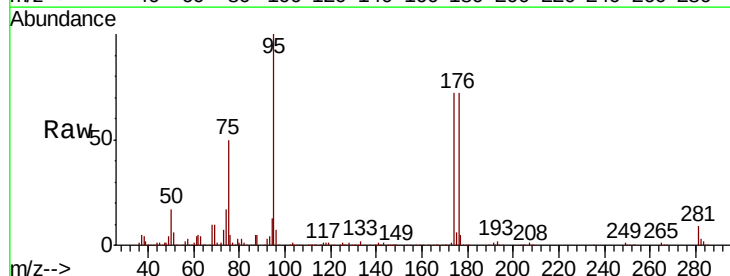
Instrument :
MSVOA_Y
ClientSampleId :

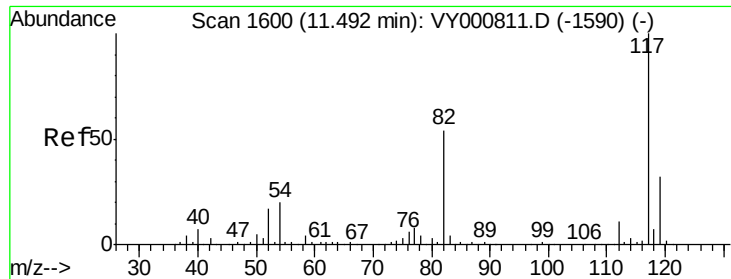
Tot Ion: 107 Resp: 61897
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.469 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 95 Resp: 252672
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.6
176 72.4 0.0 145.2

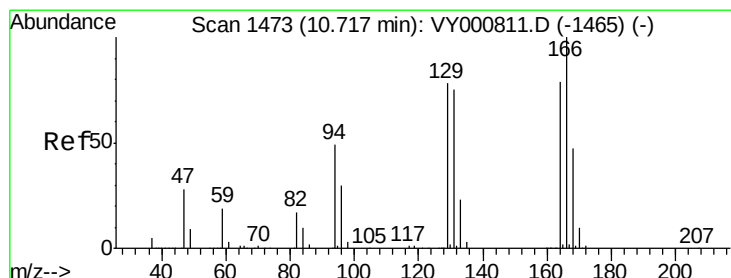
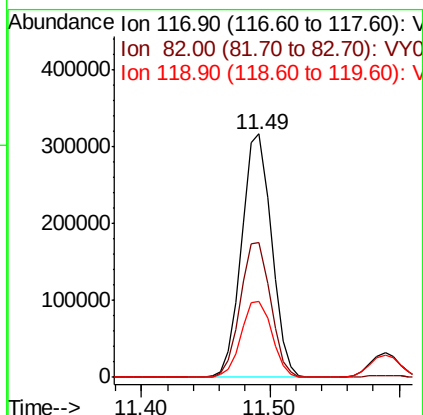
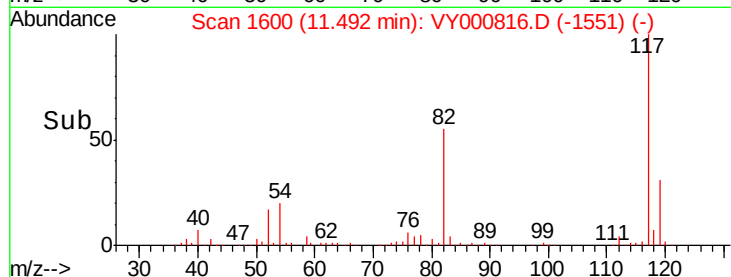
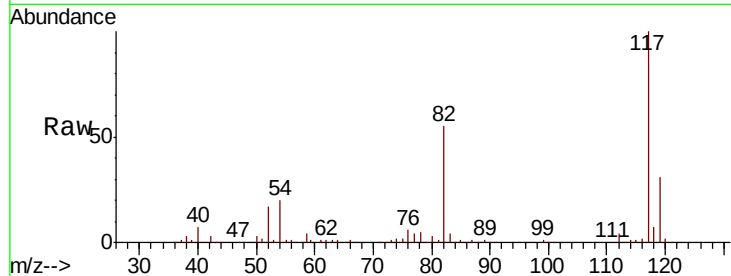




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

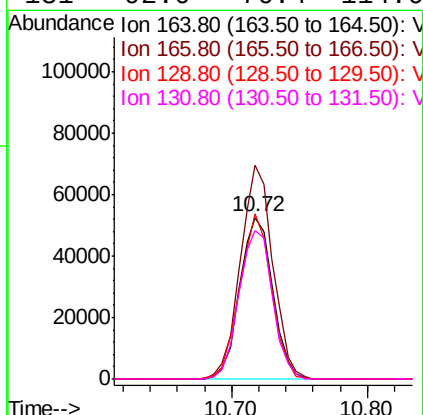
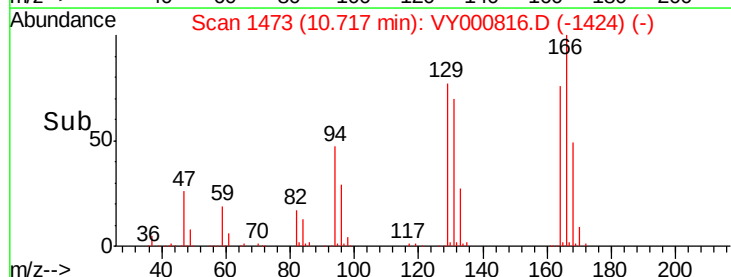
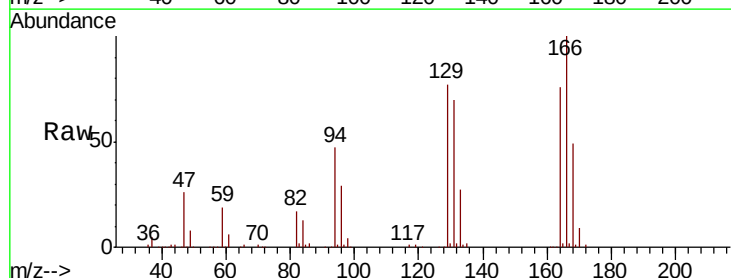
Instrument :
MSVOA_Y
ClientSampleId :

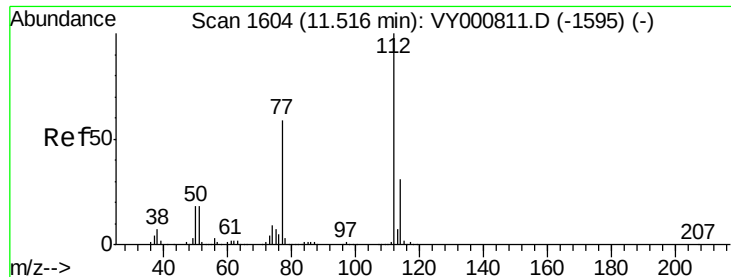
Tot Ion:117 Resp: 507956
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 20.157 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion:164 Resp: 88960
Ion Ratio Lower Upper
164 100
166 132.0 101.8 152.8
129 102.1 79.3 118.9
131 92.0 76.4 114.6





#65

Chlorobenzene

Concen: 20.542 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

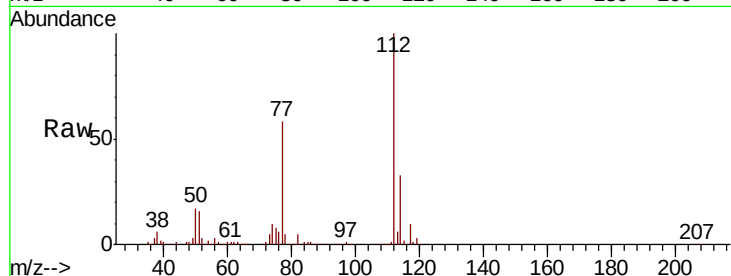
ClientSampleId :

Tot Ion:112 Resp: 216895

Ion Ratio Lower Upper

112 100

114 32.7 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

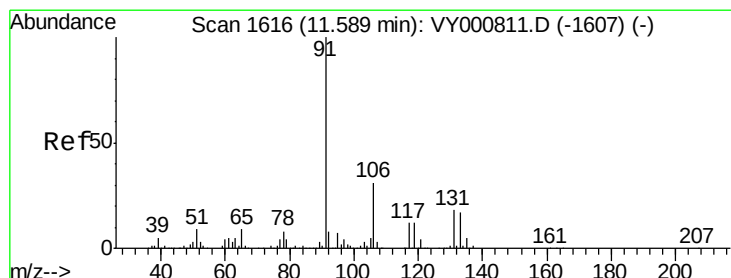
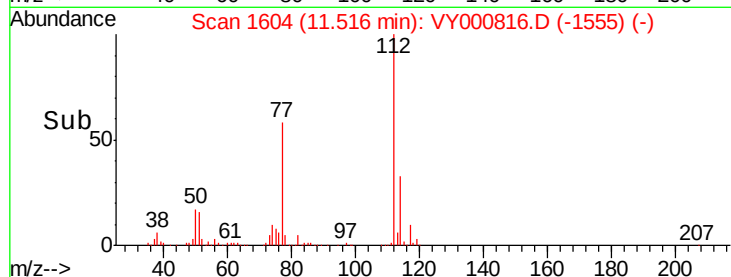
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.545 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

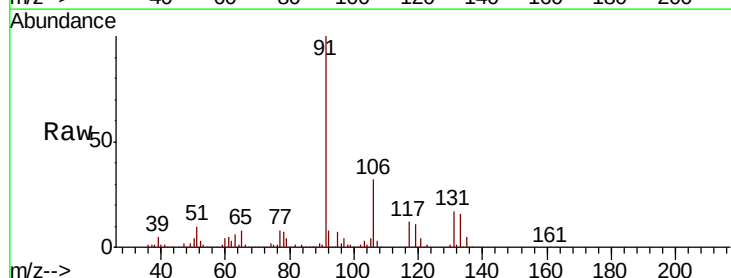
Tgt Ion:131 Resp: 73105

Ion Ratio Lower Upper

131 100

133 91.8 47.4 142.2

119 66.5 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

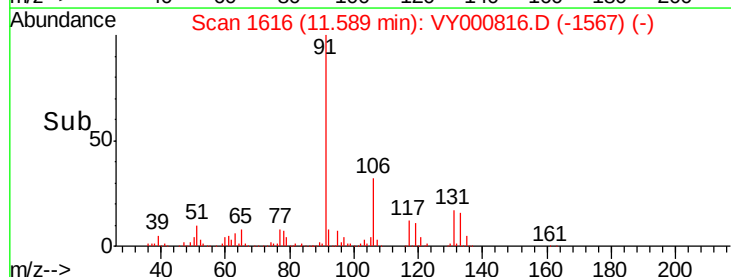
Ion 118.80 (118.50 to 119.50): V

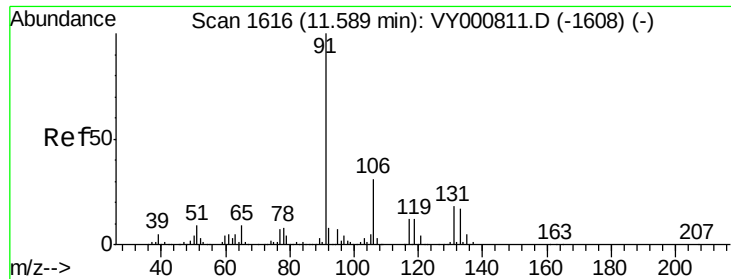
100000

50000

0

Time-->

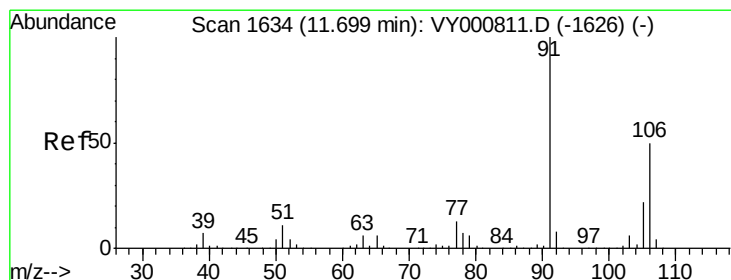
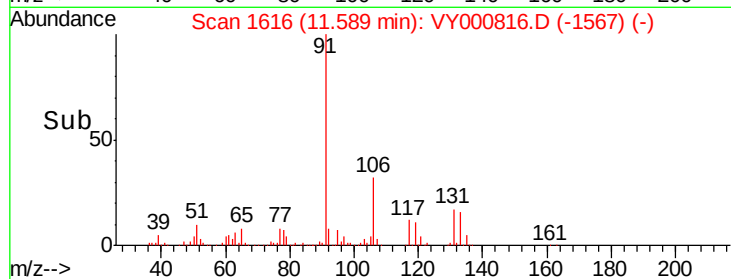
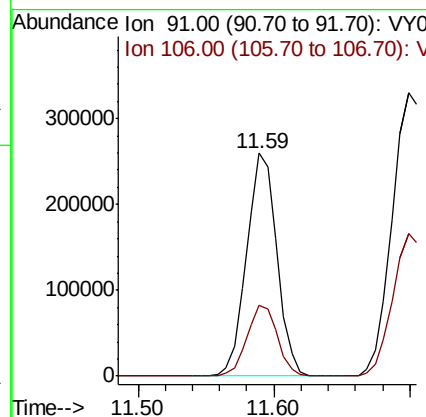
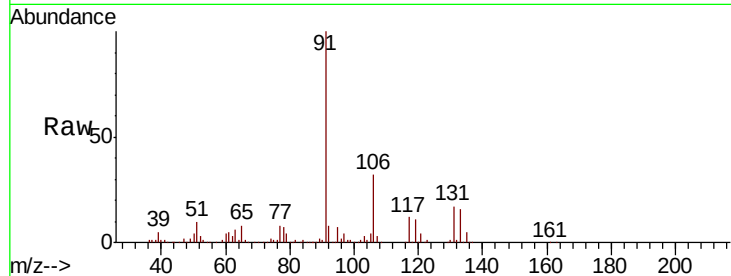




#67
Ethyl Benzene
Concen: 20.544 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

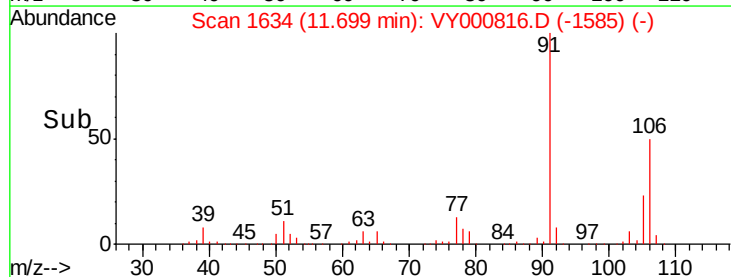
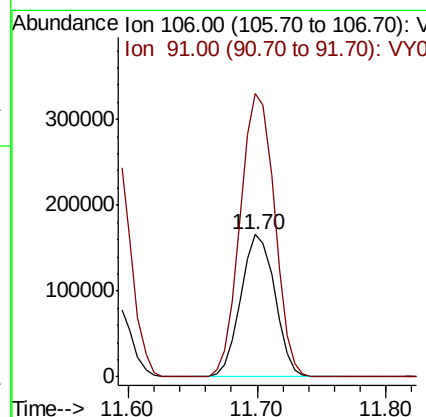
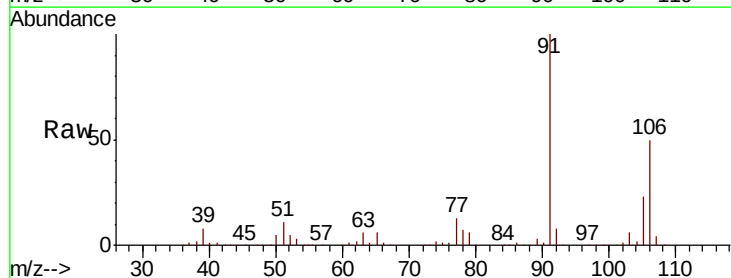
Instrument :
MSVOA_Y
ClientSampled :

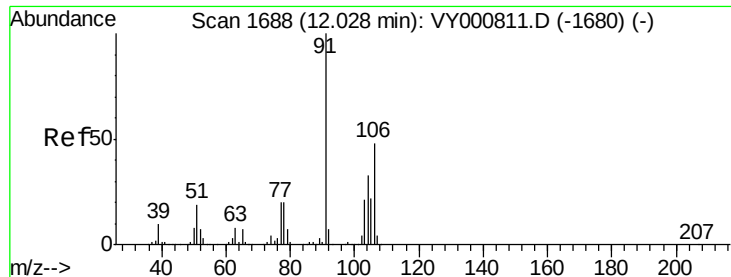
Tot Ion: 91 Resp: 403975
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6



#68
m/p-Xylenes
Concen: 41.219 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 106 Resp: 304229
Ion Ratio Lower Upper
106 100
91 200.4 159.6 239.4

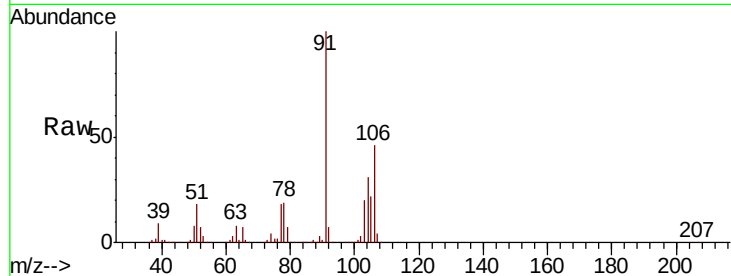




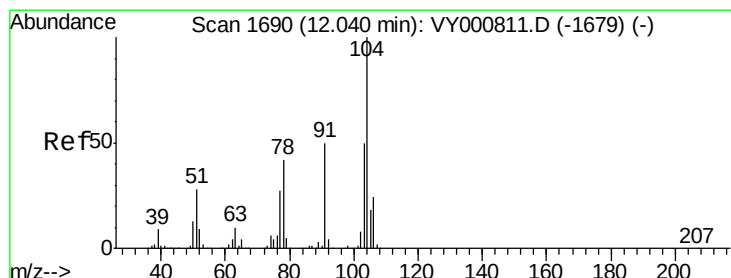
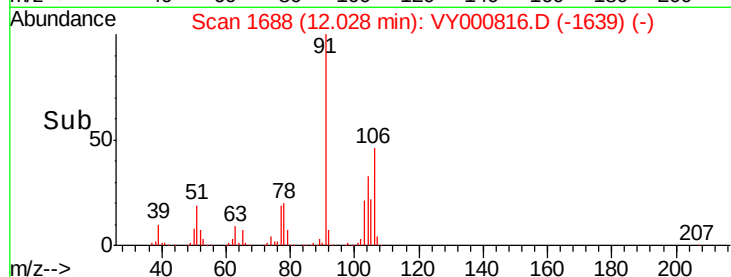
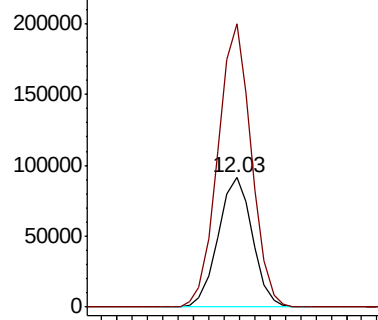
#69
o-Xylene
Concen: 20.666 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 142221
Ion Ratio Lower Upper
106 100
91 213.0 106.1 318.1

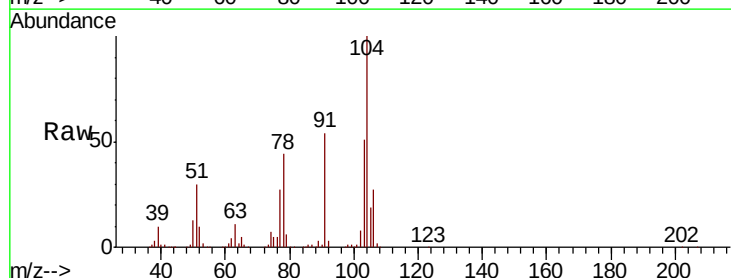


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

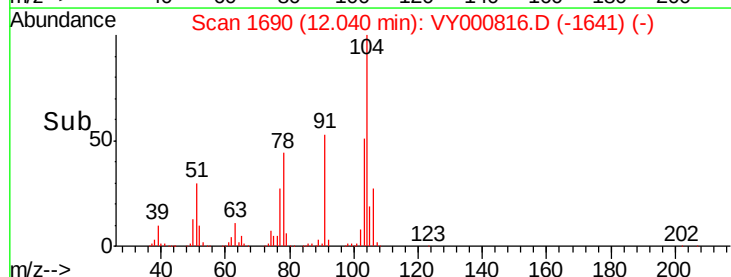
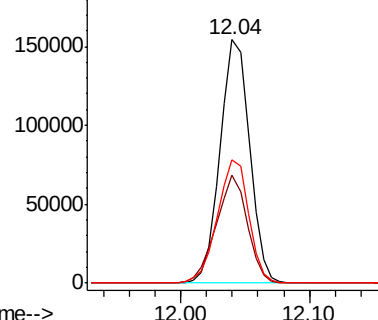


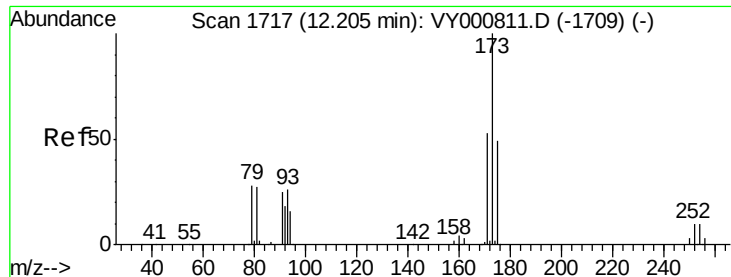
#70
Styrene
Concen: 20.757 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion:104 Resp: 244599
Ion Ratio Lower Upper
104 100
78 46.8 38.2 57.4
103 53.6 43.4 65.0



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





#71

Bromoform

Concen: 20.377 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

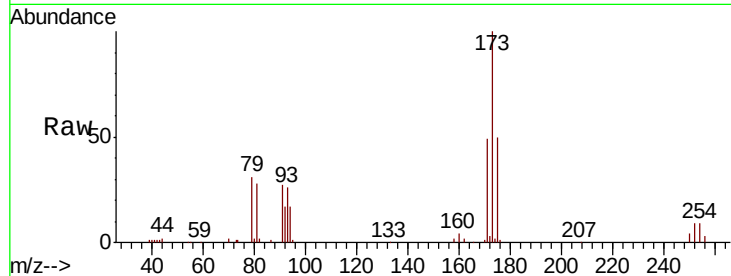
Tot Ion:173 Resp: 40894

Ion Ratio Lower Upper

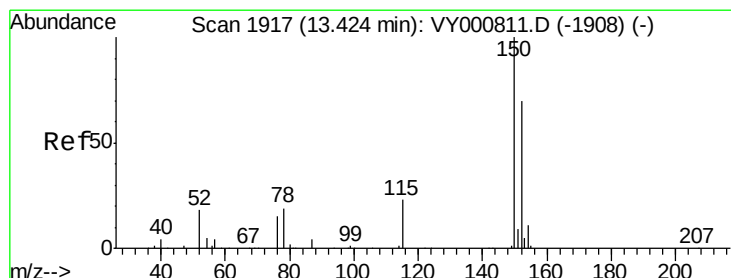
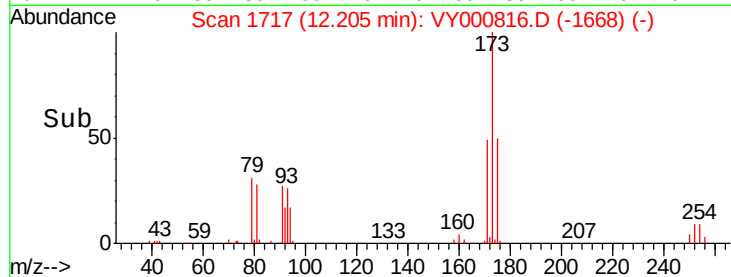
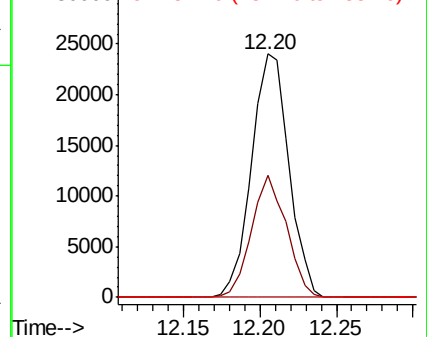
173 100

175 46.9 24.5 73.5

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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

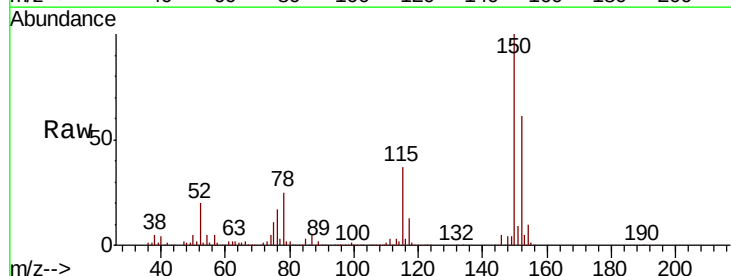
Tgt Ion:152 Resp: 239722

Ion Ratio Lower Upper

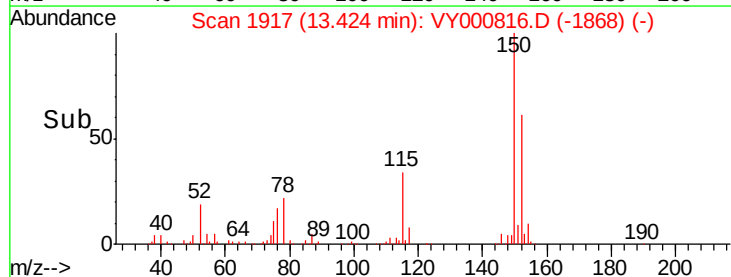
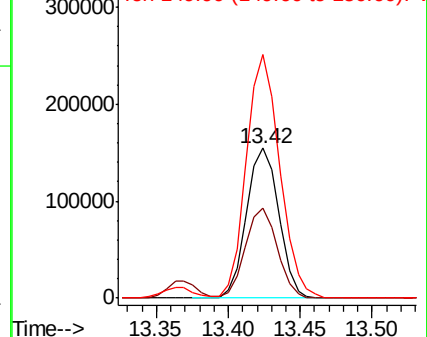
152 100

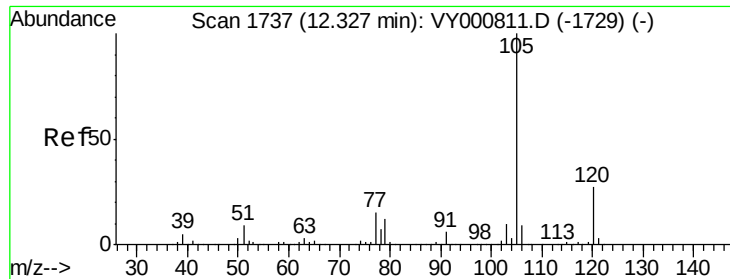
115 59.7 29.3 87.8

150 168.1 0.0 351.2



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: 20.175 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

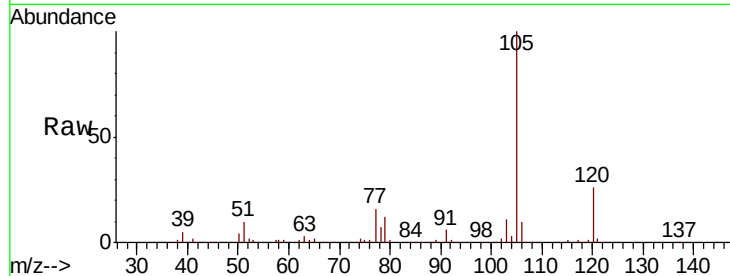
ClientSampled :

Tot Ion: 105 Resp: 385083

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

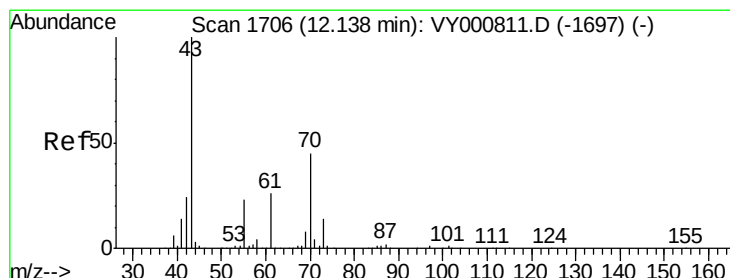
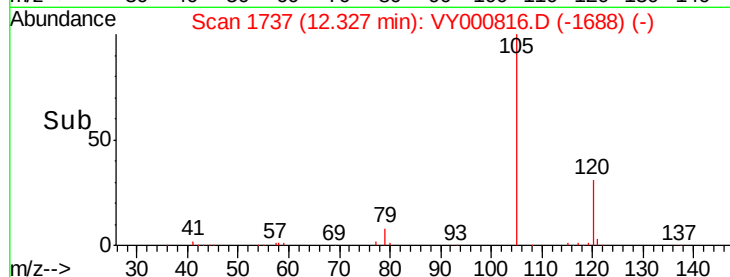
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.309 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion: 43 Resp: 107894

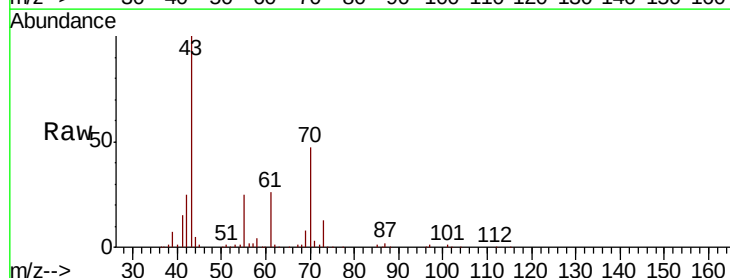
Ion Ratio Lower Upper

43 100

70 44.8 36.6 54.8

55 25.0 18.8 28.2

61 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

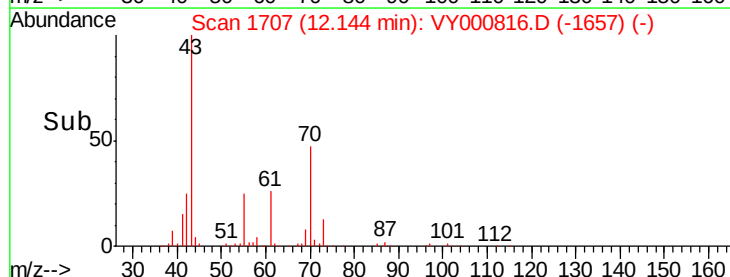
60000

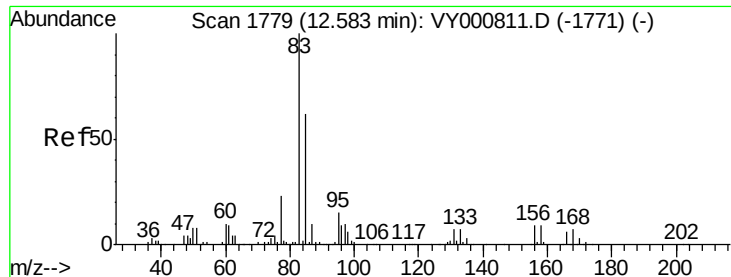
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.519 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

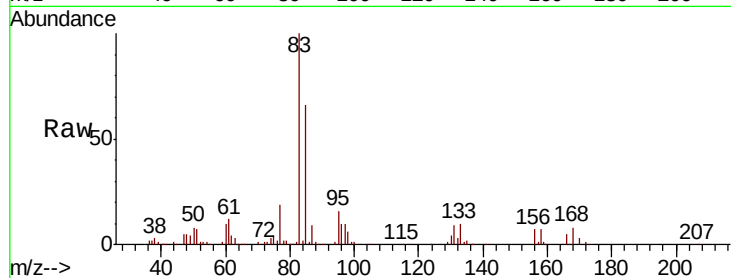
Tot Ion: 83 Resp: 77171

Ion Ratio Lower Upper

83 100

131 9.3 4.3 13.1

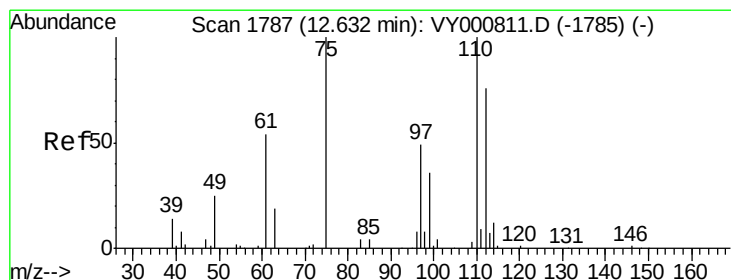
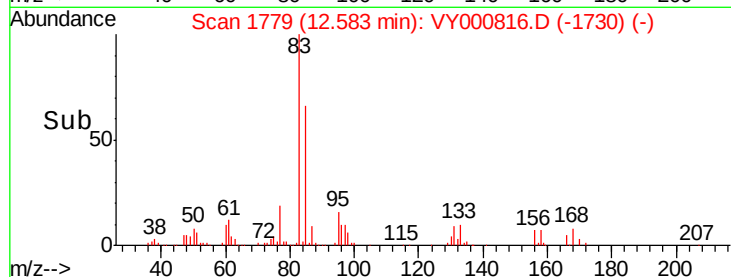
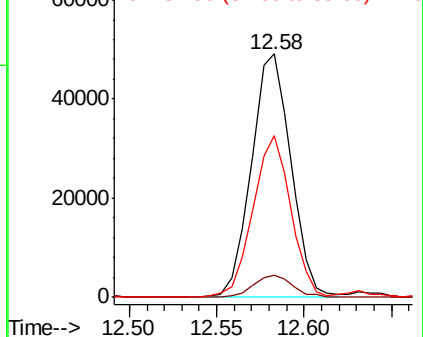
85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.164 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000816.D

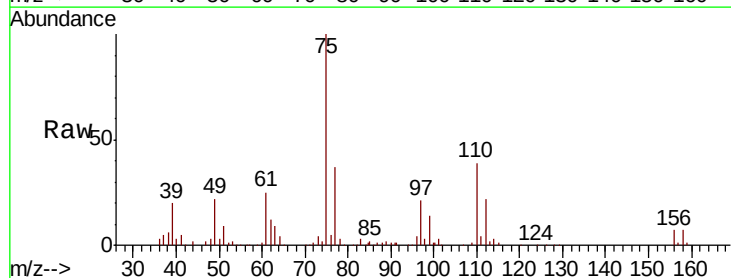
Acq: 27 Nov 2019 14:12

Tgt Ion: 75 Resp: 106370

Ion Ratio Lower Upper

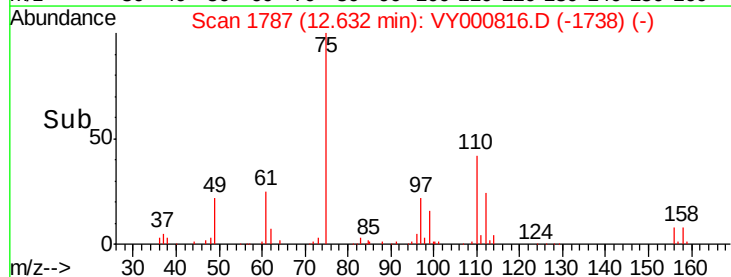
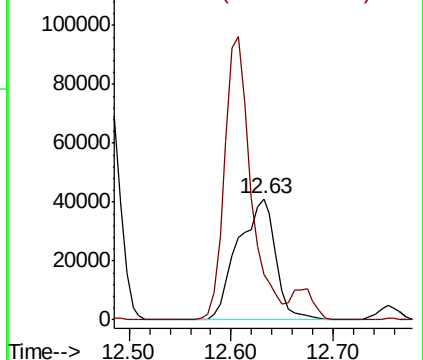
75 100

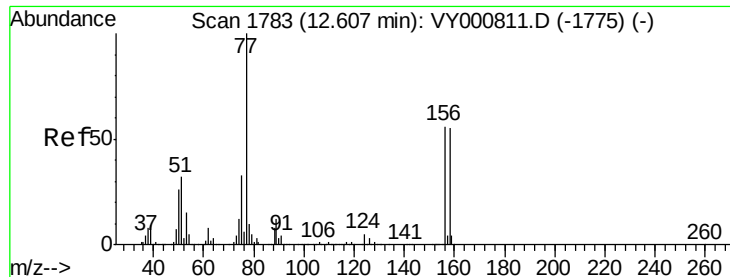
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.835 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampled :

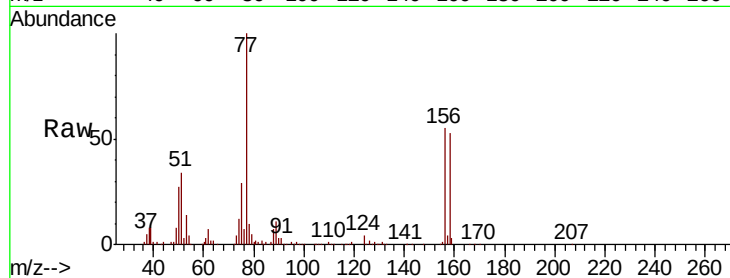
Tot Ion:156 Resp: 82065

Ion Ratio Lower Upper

156 100

77 210.7 102.6 307.7

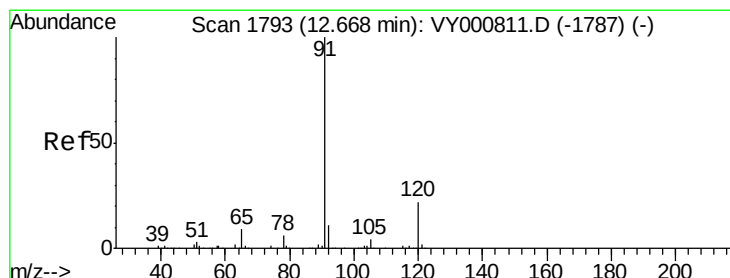
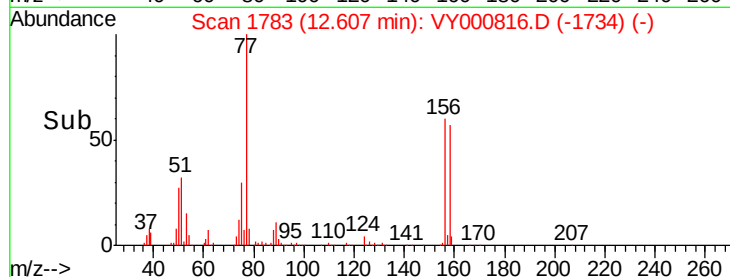
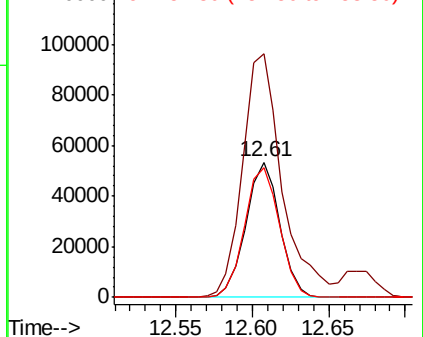
158 99.0 47.6 142.8



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: 20.459 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000816.D

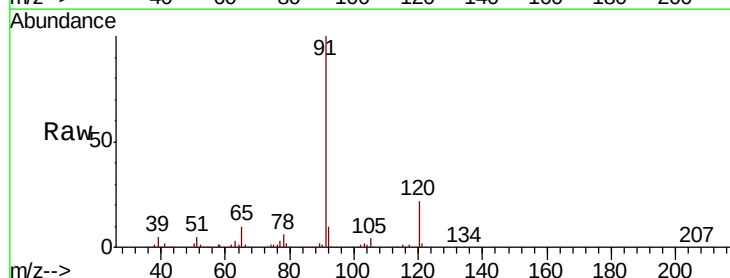
Acq: 27 Nov 2019 14:12

Tgt Ion: 91 Resp: 476809

Ion Ratio Lower Upper

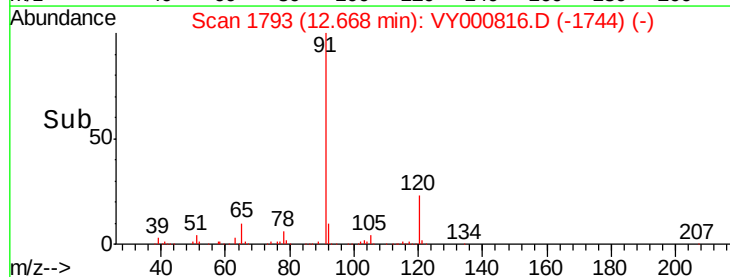
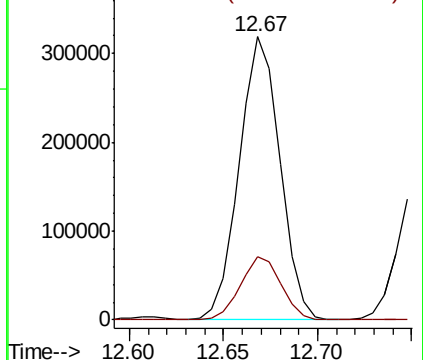
91 100

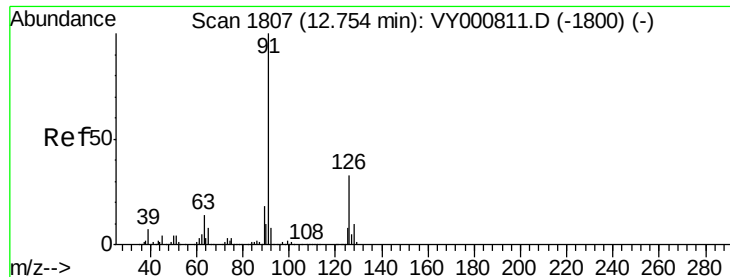
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

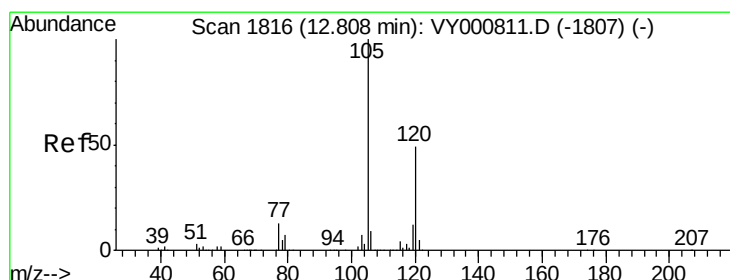
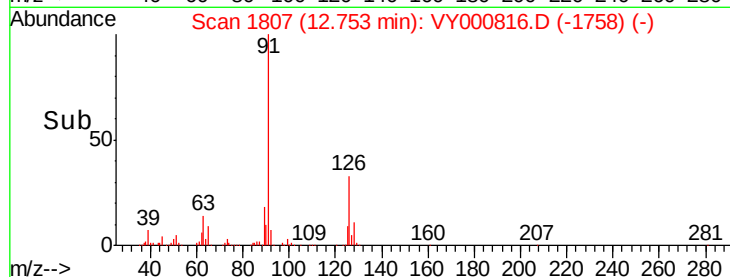
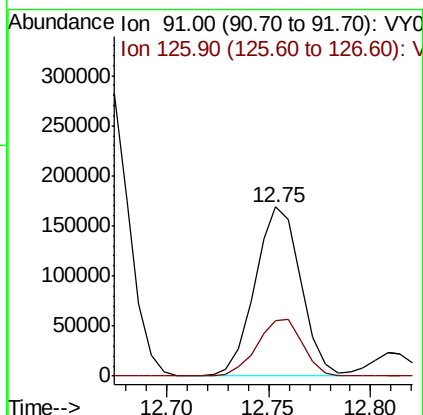
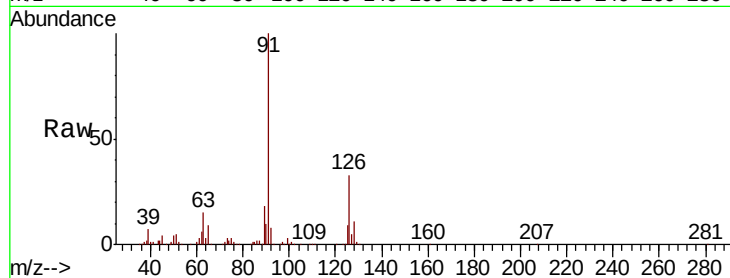




#79
 2-Chlorotoluene
 Concen: 20.374 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

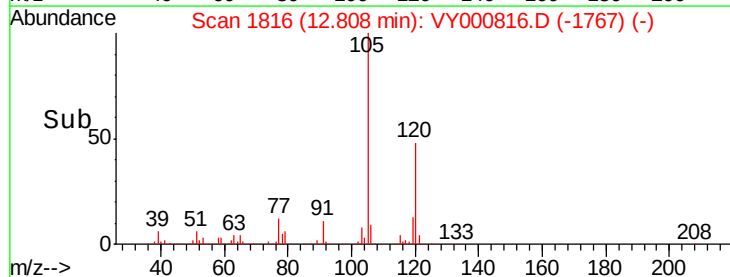
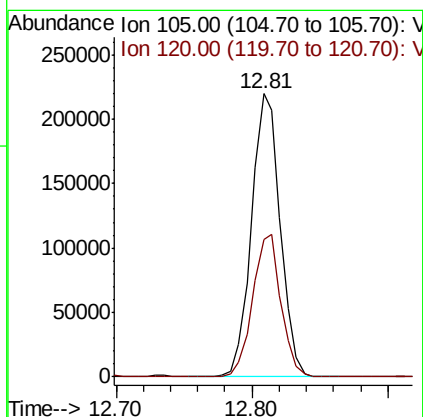
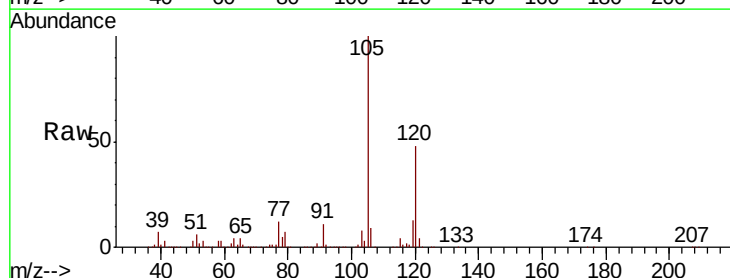
Instrument :
 MSVOA_Y
 ClientSampled :

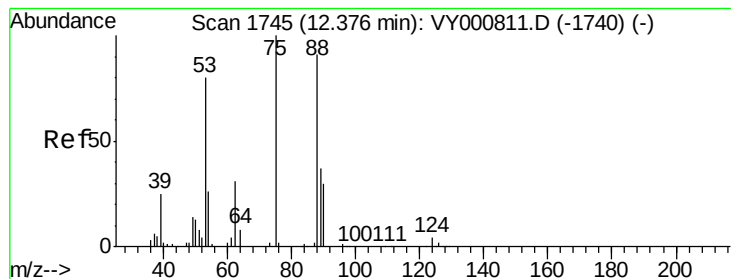
Tot Ion: 91 Resp: 262327
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.598 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 105 Resp: 325524
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.200 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

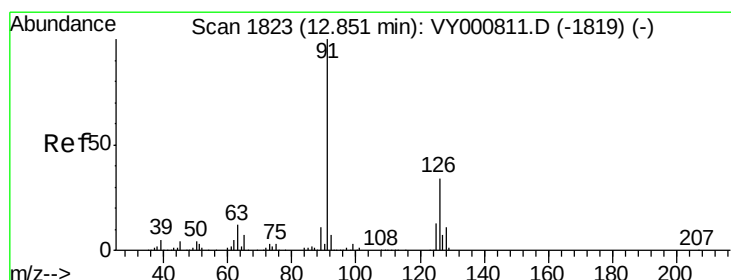
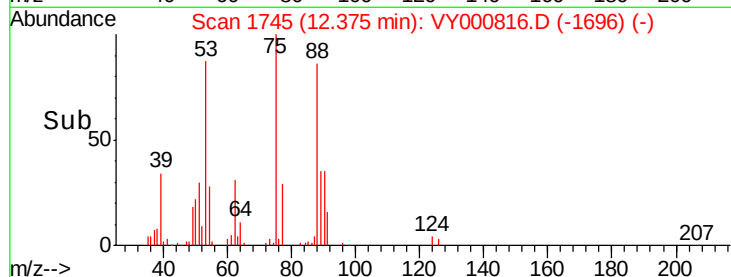
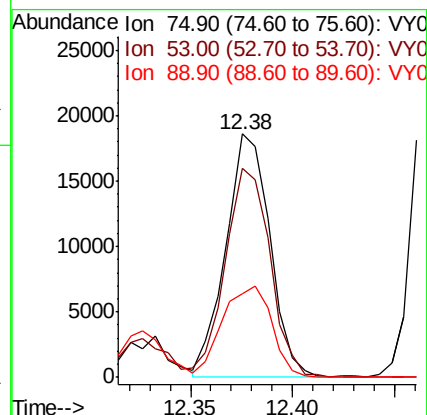
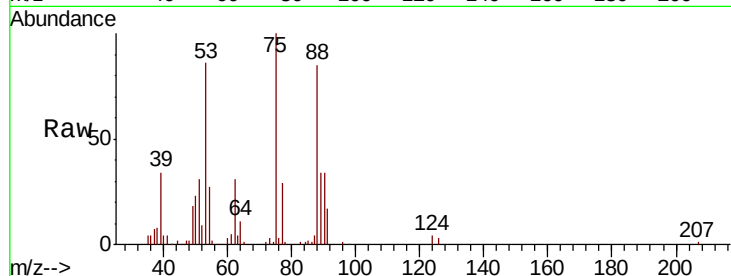
Tot Ion: 75 Resp: 27930

Ion Ratio Lower Upper

75 100

53 87.4 64.6 96.8

89 41.9 33.6 50.4



#82

4-Chlorotoluene

Concen: 20.630 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000816.D

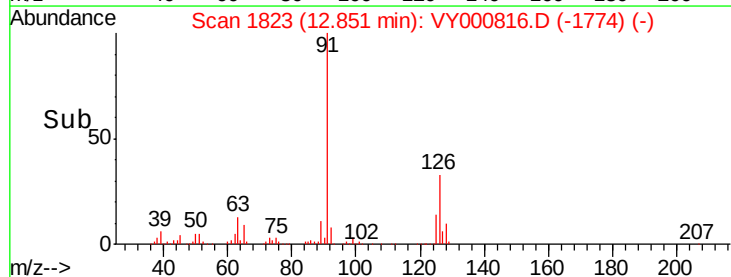
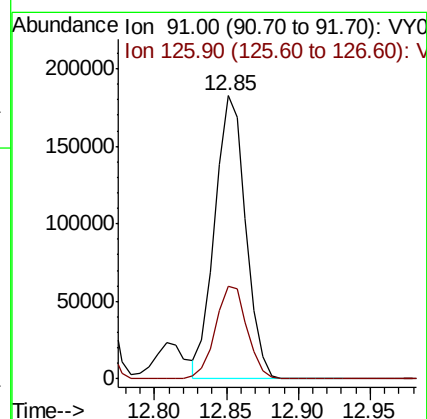
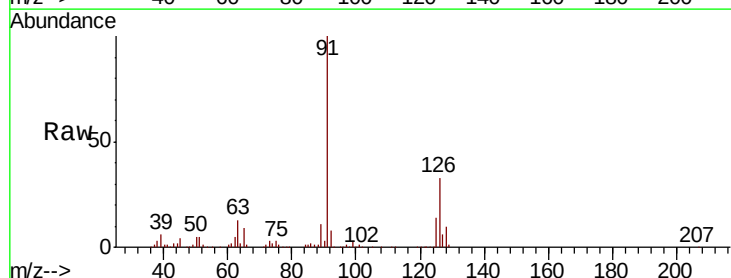
Acq: 27 Nov 2019 14:12

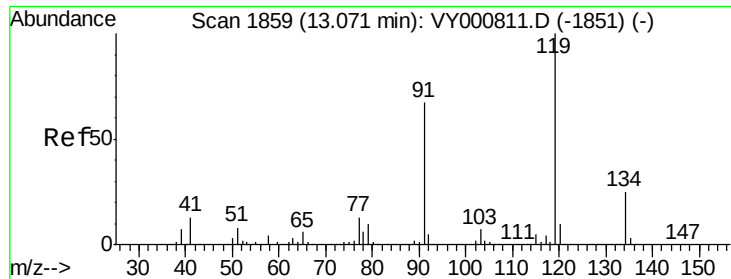
Tgt Ion: 91 Resp: 273654

Ion Ratio Lower Upper

91 100

126 33.7 17.3 51.9

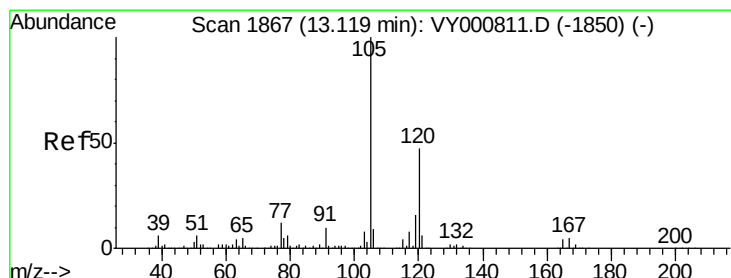
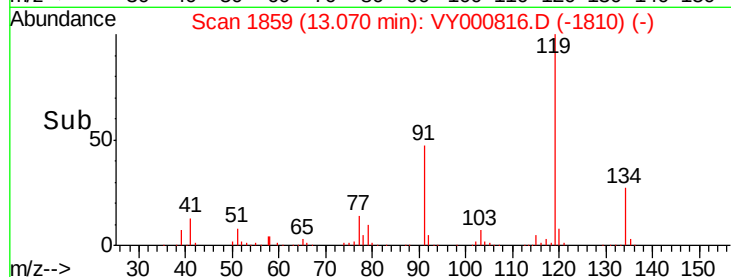
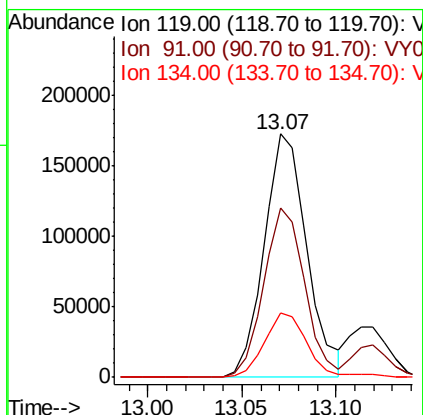
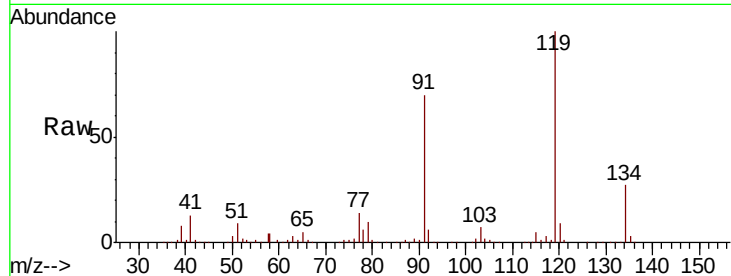




#83
tert-Butylbenzene
Concen: 20.401 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

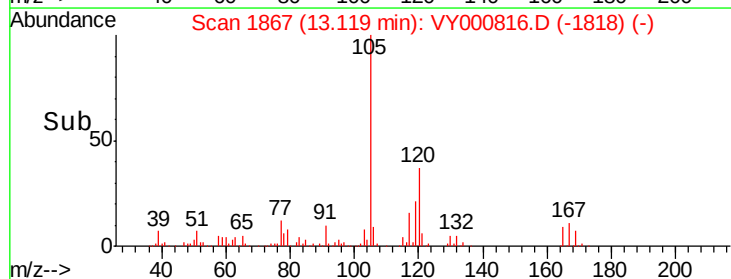
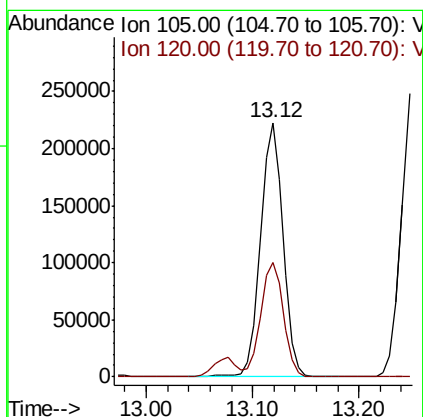
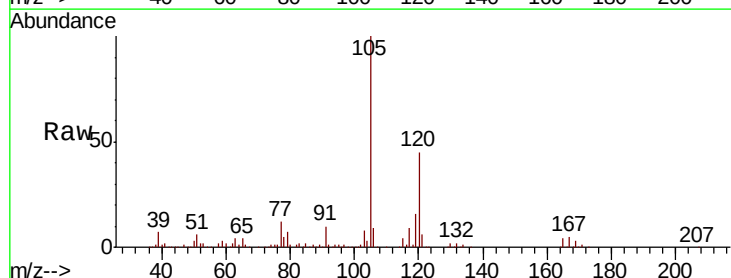
Instrument :
MSVOA_Y
ClientSampleId :

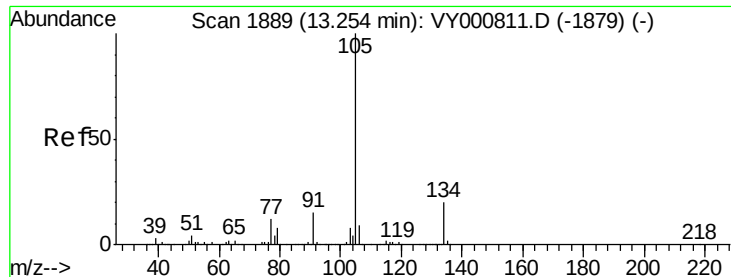
Tot Ion:119 Resp: 271069
Ion Ratio Lower Upper
119 100
91 66.7 32.3 96.8
134 27.0 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.845 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion:105 Resp: 329583
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.647 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

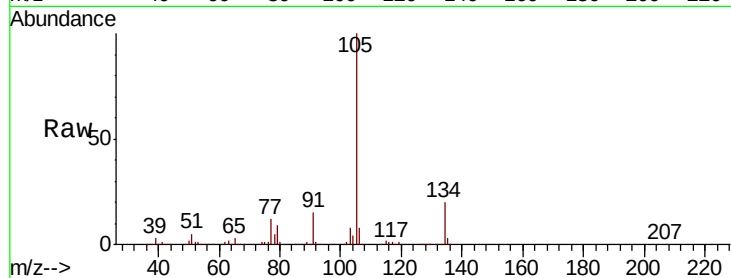
ClientSampleId :

Tot Ion:105 Resp: 398977

Ion Ratio Lower Upper

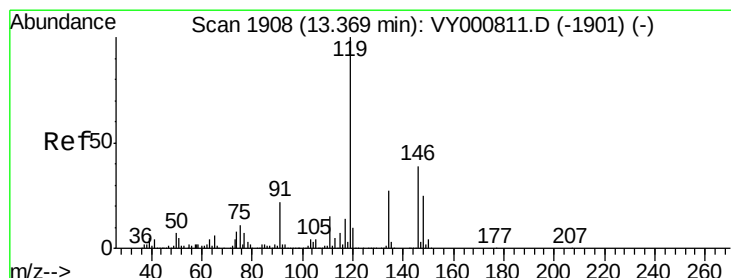
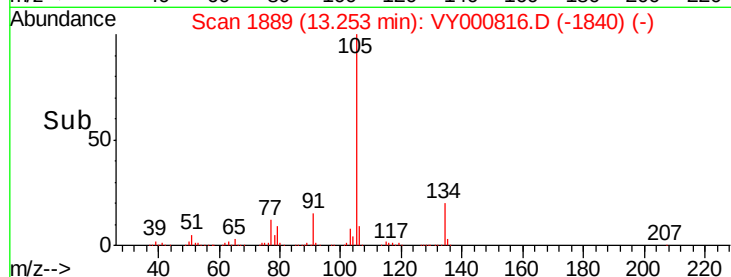
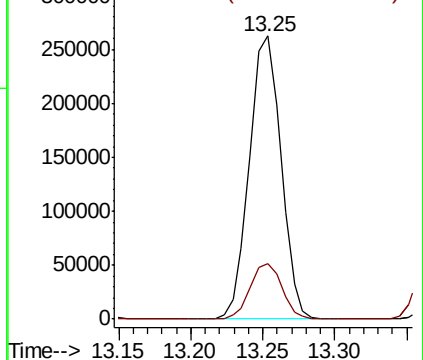
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.942 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

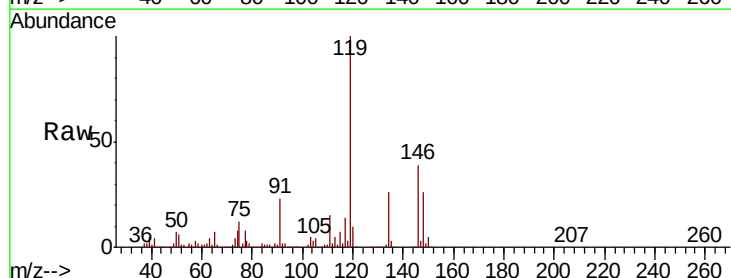
Tgt Ion:119 Resp: 351986

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

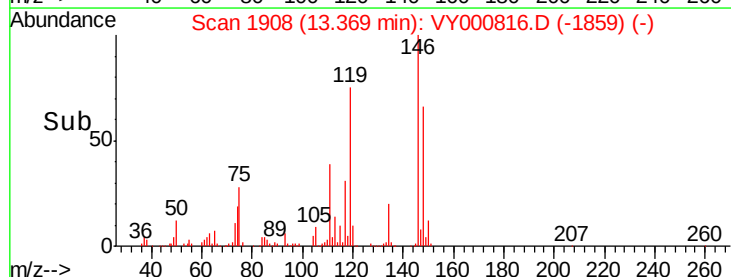
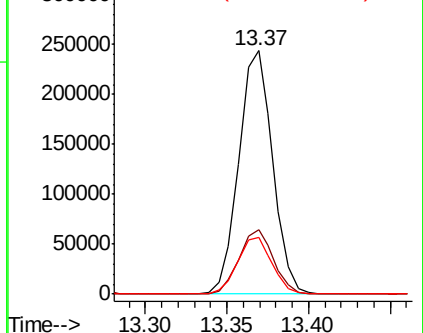
91 23.6 11.5 34.5

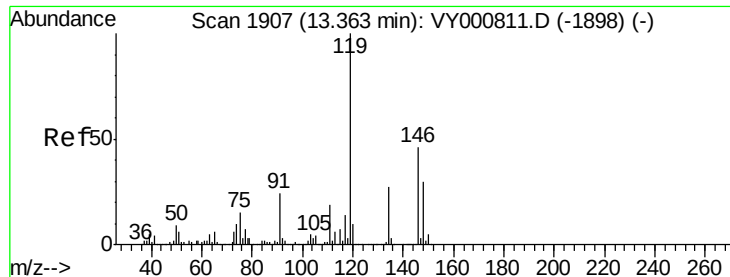


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

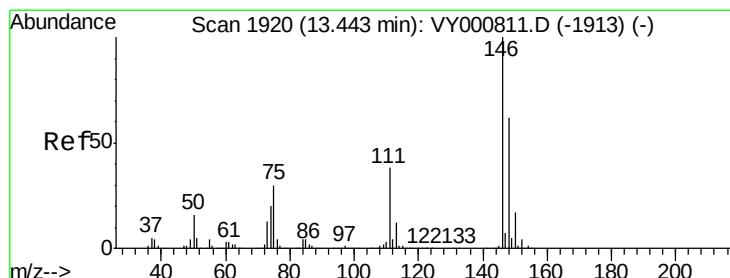
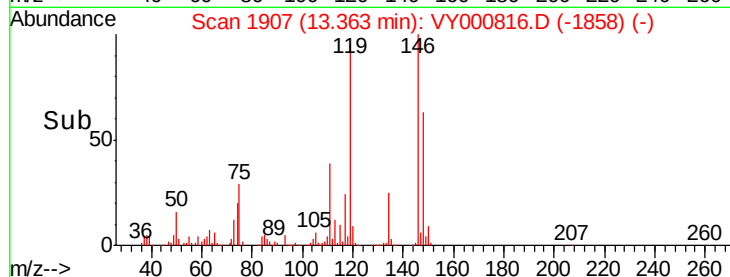
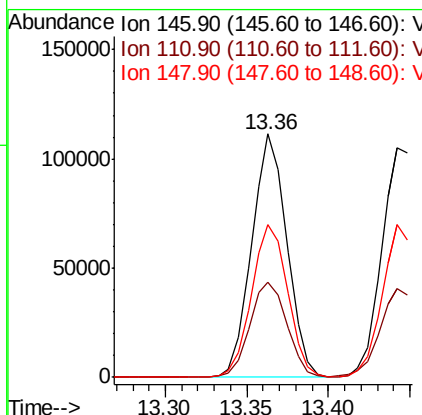
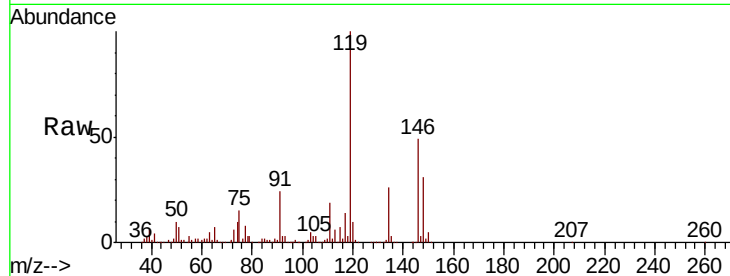




#87
 1,3-Dichlorobenzene
 Concen: 20.646 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

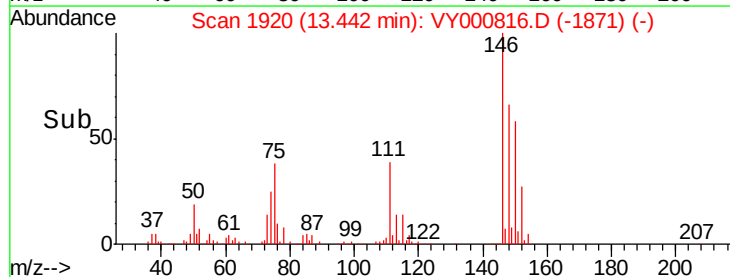
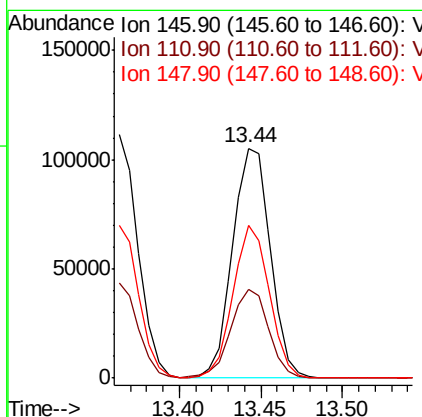
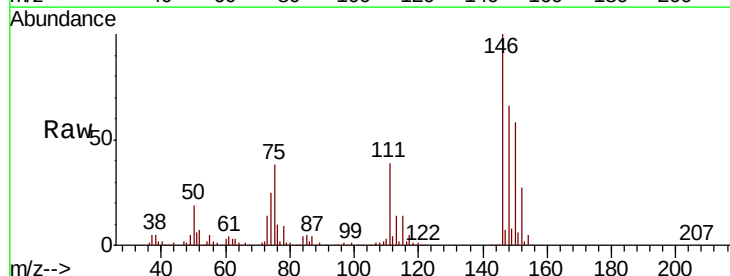
Instrument :
 MSVOA_Y
 ClientSampled :

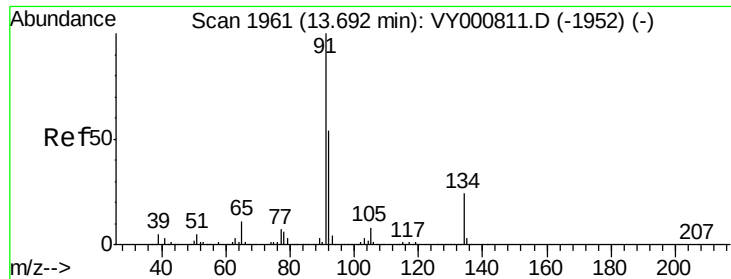
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	64.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.089 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	59.9
148	64.1	31.7	95.1

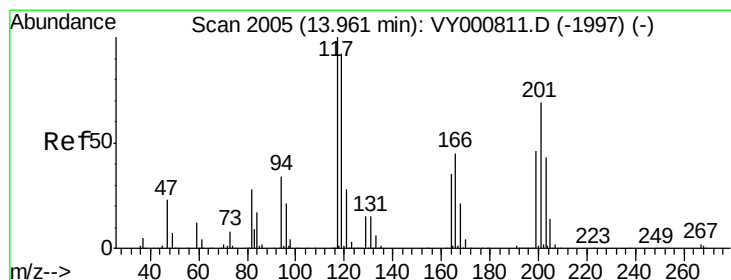
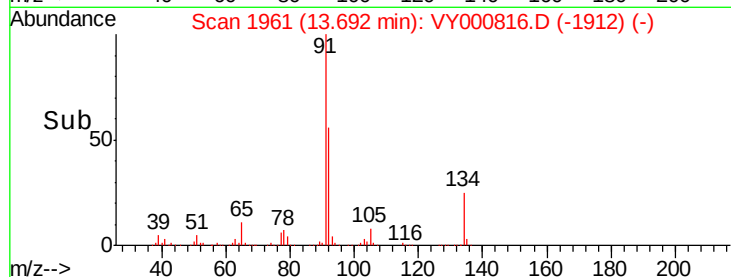
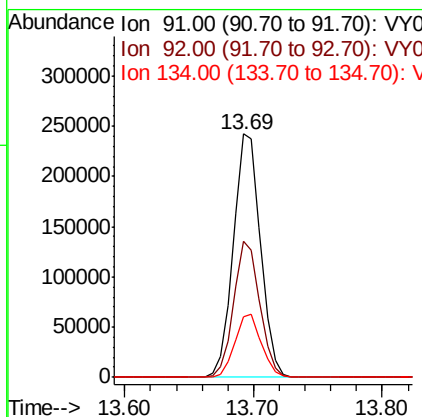
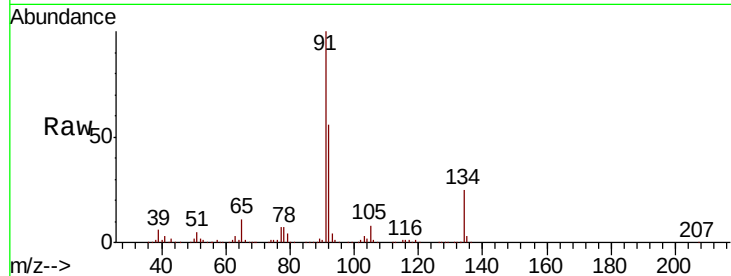




#89
n-Butylbenzene
Concen: 20.921 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

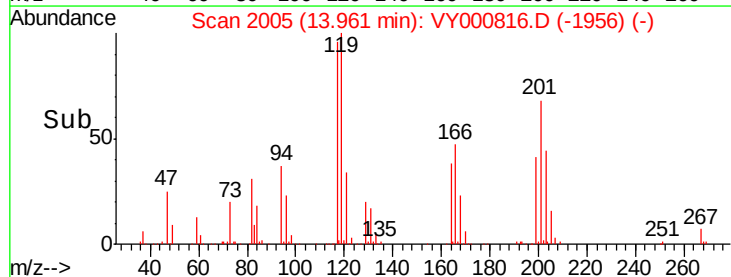
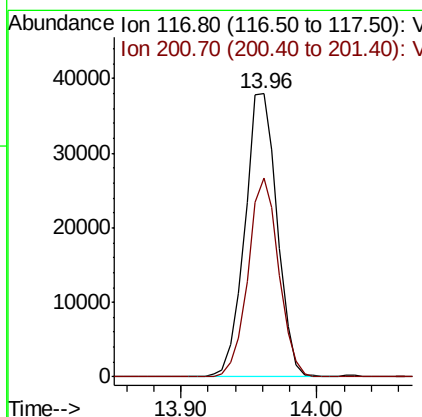
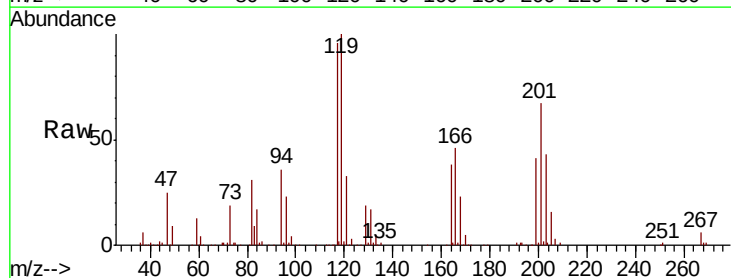
Instrument :
MSVOA_Y
ClientSampleId :

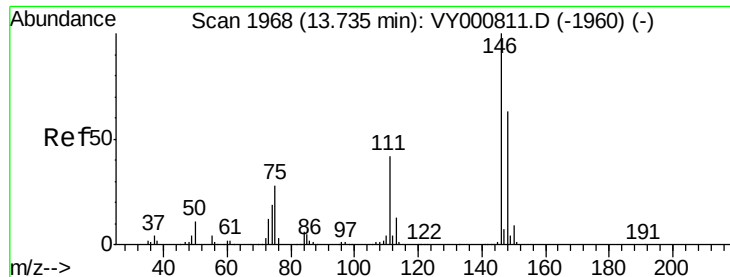
Tot Ion: 91 Resp: 355518
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 20.448 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 117 Resp: 63310
Ion Ratio Lower Upper
117 100
201 66.7 34.0 102.0

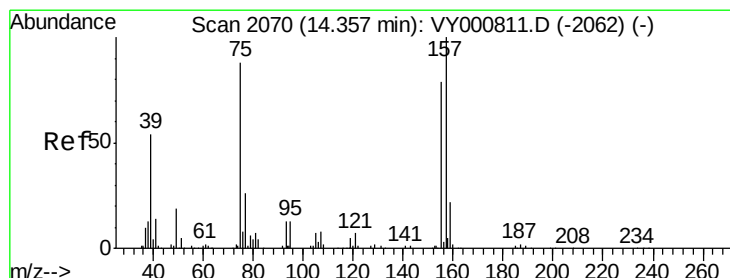
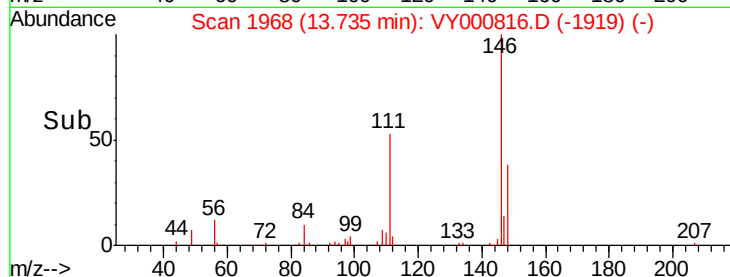
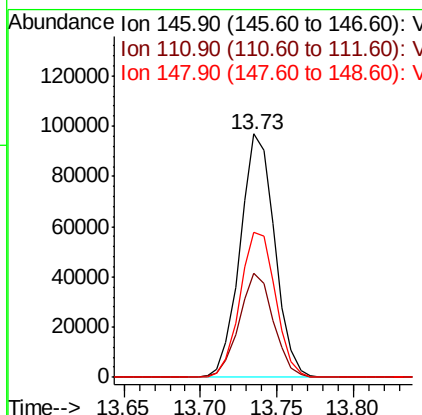
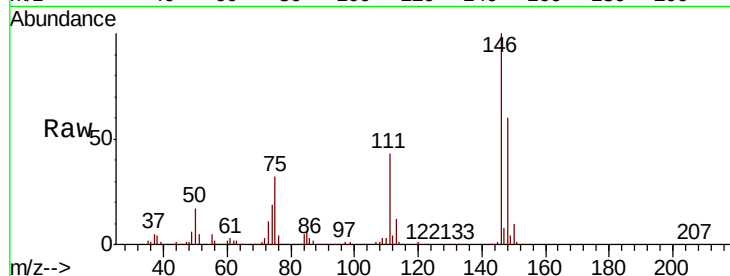




#91
 1,2-Dichlorobenzene
 Concen: 20.754 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

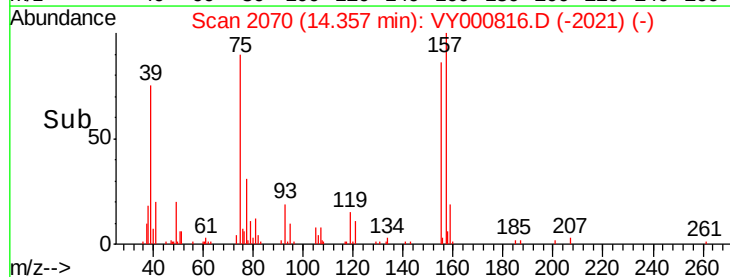
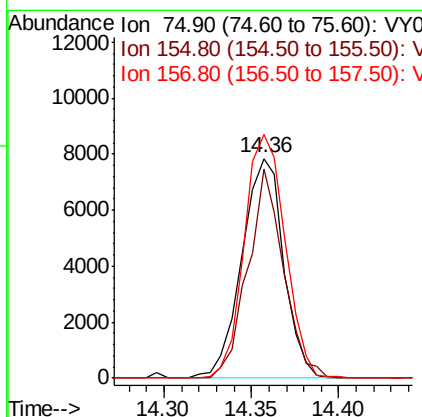
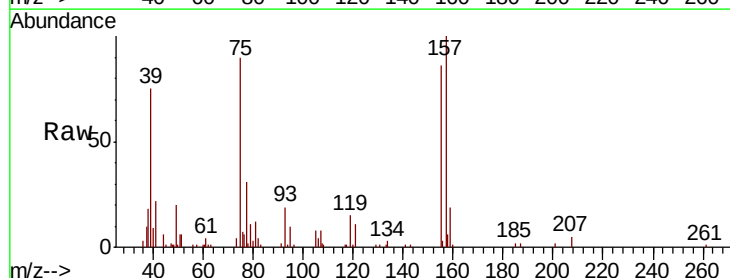
Instrument :
 MSVOA_Y
 ClientSampleId :

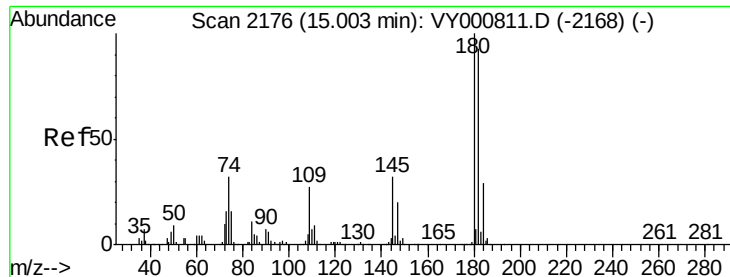
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.7
148	61.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.623 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	44.3	132.9
157	108.9	56.3	168.9

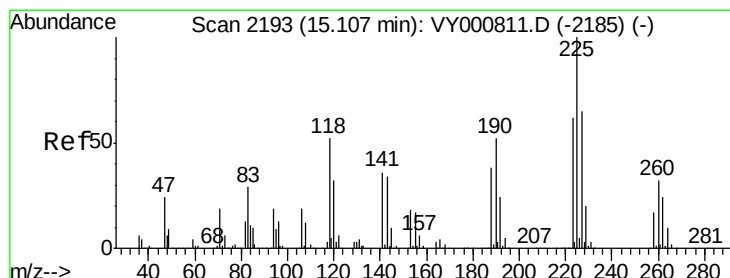
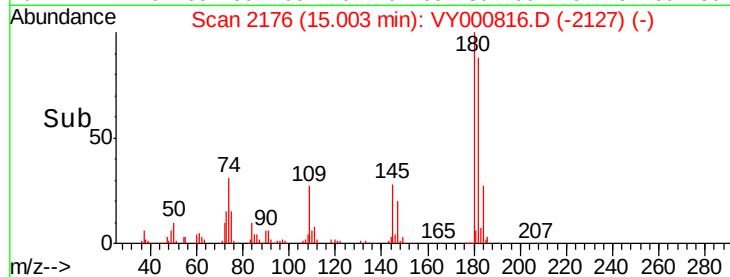
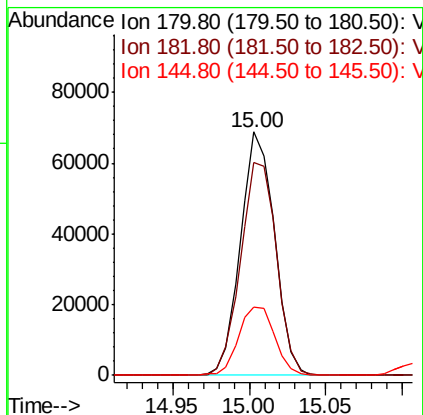
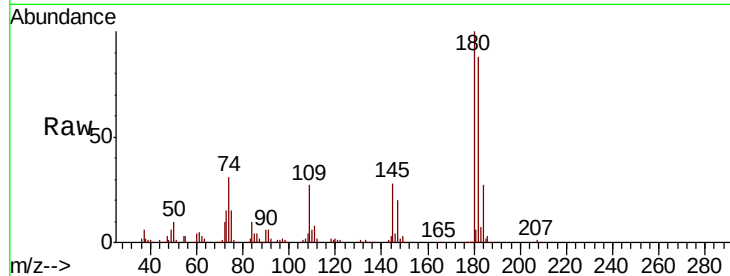




#93
 1,2,4-Trichlorobenzene
 Concen: 21.487 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

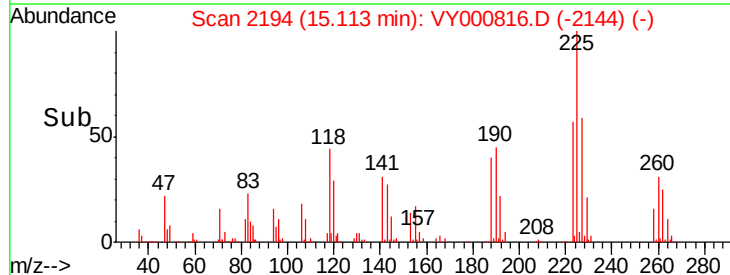
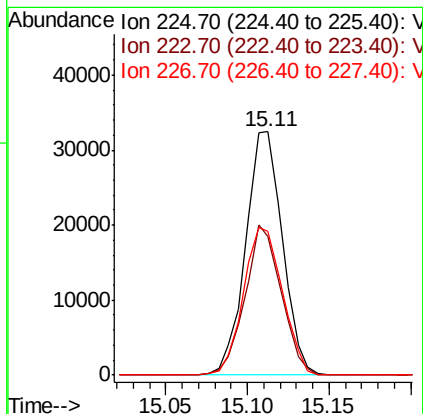
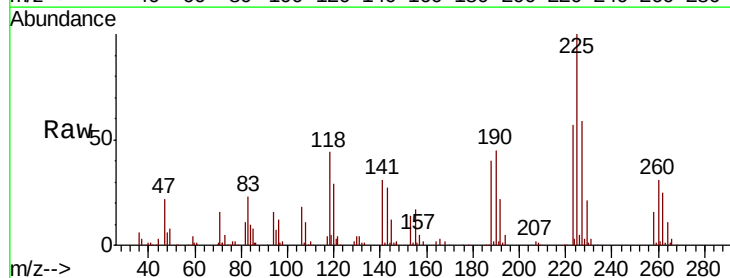
Instrument :
 MSVOA_Y
 ClientSampleId :

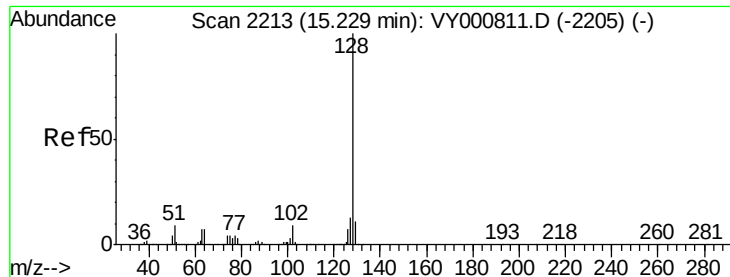
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.3	141.9
145	30.0	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.4	94.3
227	64.2	31.8	95.3

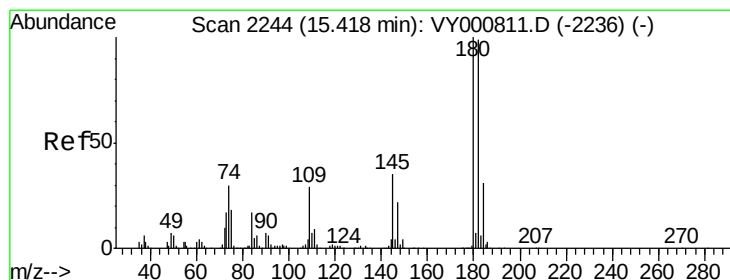
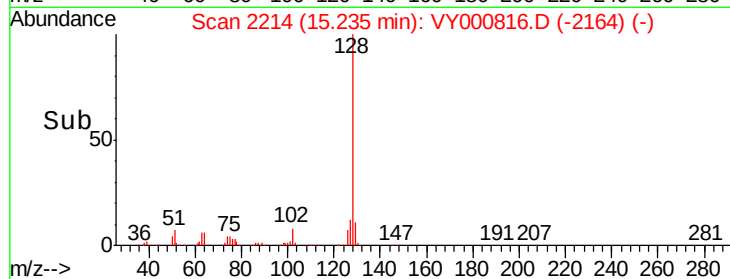
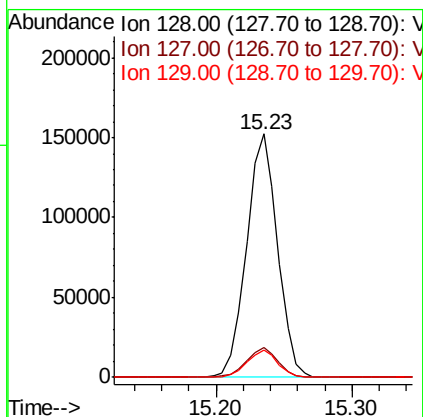
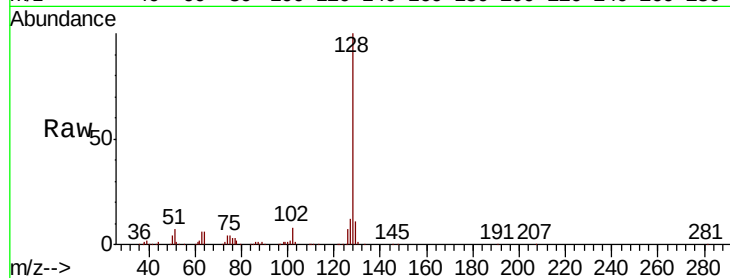




#95
Naphthalene
Concen: 21.122 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 242294
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.434 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion:180 Resp: 94583
Ion Ratio Lower Upper
180 100
182 92.4 48.0 144.0
145 33.5 16.9 50.6

