

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
 Data File : VY000810.D
 Acq On : 27 Nov 2019 11:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 27 12:04:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	318870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	549444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	491485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231910	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	67874	20.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.64%	
35) Dibromofluoromethane	7.73	113	67052	21.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.02%	
50) Toluene-d8	10.18	98	243050	19.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.98%	
62) 4-Bromofluorobenzene	12.48	95	101584	22.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	73079	23.072	ug/l	99
3) Chloromethane	2.12	50	91486	21.219	ug/l	93
4) Vinyl Chloride	2.25	62	87668	21.687	ug/l	98
5) Bromomethane	2.63	94	53026	21.649	ug/l	99
6) Chloroethane	2.79	64	52157	20.502	ug/l	96
7) Trichlorofluoromethane	3.13	101	118383	21.547	ug/l	93
8) Diethyl Ether	3.54	74	44016	22.267	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	72132	21.574	ug/l	98
10) Methyl Iodide	4.10	142	83539	21.099	ug/l	97
11) Tert butyl alcohol	4.97	59	36321	108.773	ug/l	99
12) 1,1-Dichloroethene	3.87	96	72418	22.479	ug/l	90
13) Acrolein	3.73	56	38943	134.867	ug/l	96
14) Allyl chloride	4.49	41	123157	22.974	ug/l	97
15) Acrylonitrile	5.18	53	113327	110.955	ug/l	99
16) Acetone	3.95	43	80897	92.323	ug/l	97
17) Carbon Disulfide	4.19	76	228938	22.203	ug/l	100
18) Methyl Acetate	4.49	43	61671	20.969	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	186514	20.564	ug/l	99
20) Methylene Chloride	4.72	84	85175	21.373	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	79769	21.697	ug/l	98
22) Diisopropyl ether	6.13	45	254792	22.052	ug/l	99
23) Vinyl Acetate	6.07	43	805064	110.359	ug/l	99
24) 1,1-Dichloroethane	6.03	63	136830	21.793	ug/l	99
25) 2-Butanone	7.00	43	150325	102.039	ug/l	96
26) 2,2-Dichloropropane	6.99	77	117042	20.722	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	87037	21.624	ug/l	98
28) Bromochloromethane	7.34	49	32344	13.387	ug/l	92
29) Tetrahydrofuran	7.36	42	100159	109.405	ug/l	99
30) Chloroform	7.52	83	135649	21.576	ug/l	93
31) Cyclohexane	7.79	56	146117	22.250	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	114343	20.625	ug/l	98
36) 1,1-Dichloropropene	7.93	75	114416	21.711	ug/l	97
37) Ethyl Acetate	7.09	43	67248	21.302	ug/l	99
38) Carbon Tetrachloride	7.91	117	100473	20.101	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	147091	21.606	ug/l	98
40) Benzene	8.17	78	323770	20.939	ug/l	94
41) Methacrylonitrile	7.35	41	90072	51.789	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	86998	20.094	ug/l	99
43) Isopropyl Acetate	8.28	43	123067	20.772	ug/l	98
44) Trichloroethene	8.94	130	83435	20.539	ug/l	99
45) 1,2-Dichloropropane	9.22	63	81768	21.340	ug/l	91
46) Dibromomethane	9.31	93	41238	19.724	ug/l	98
47) Bromodichloromethane	9.50	83	98674	20.012	ug/l	96
48) Methyl methacrylate	9.30	41	52183	19.982	ug/l	93
49) 1,4-Dioxane	9.30	88	12282	428.768	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	328755	105.021	ug/l	98
52) Toluene	10.24	92	202975	20.807	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	107866	20.417	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	127112	20.921	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	61847	20.410	ug/l	94
56) Ethyl methacrylate	10.51	69	92165	21.337	ug/l	98
57) 1,3-Dichloropropane	10.79	76	111901	21.116	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	184831	98.657	ug/l	99
59) 2-Hexanone	10.83	43	234364	102.252	ug/l	97
60) Dibromochloromethane	10.99	129	66464	19.347	ug/l	100
61) 1,2-Dibromoethane	11.09	107	59408	20.443	ug/l	98
64) Tetrachloroethene	10.72	164	88033	21.419	ug/l	97
65) Chlorobenzene	11.52	112	206761	20.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	70096	20.205	ug/l	99
67) Ethyl Benzene	11.59	91	392519	21.207	ug/l	100
68) m/p-Xylenes	11.70	106	292625	41.138	ug/l	100
69) o-Xylene	12.03	106	138140	20.563	ug/l	98
70) Styrene	12.04	104	232653	20.268	ug/l	99
71) Bromoform	12.20	173	39158	19.602	ug/l #	98
73) Isopropylbenzene	12.33	105	368361	21.088	ug/l	100
74) N-amyl acetate	12.14	43	105627	21.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	74393	21.259	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	103362	39.675	ug/l #	100
77) Bromobenzene	12.61	156	78490	19.873	ug/l	97
78) n-propylbenzene	12.67	91	455870	21.598	ug/l	100
79) 2-Chlorotoluene	12.75	91	248612	21.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	308137	21.246	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26234	21.305	ug/l	93
82) 4-Chlorotoluene	12.85	91	257838	21.325	ug/l	99
83) tert-Butylbenzene	13.07	119	253253	20.473	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	313885	21.765	ug/l	99
85) sec-Butylbenzene	13.25	105	381390	21.669	ug/l	99
86) p-Isopropyltoluene	13.37	119	329246	21.019	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	161326	20.996	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	156906	20.417	ug/l	98
89) n-Butylbenzene	13.69	91	339414	21.890	ug/l	99
90) Hexachloroethane	13.95	117	60820	20.927	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	143183	20.522	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12053	19.652	ug/l	99

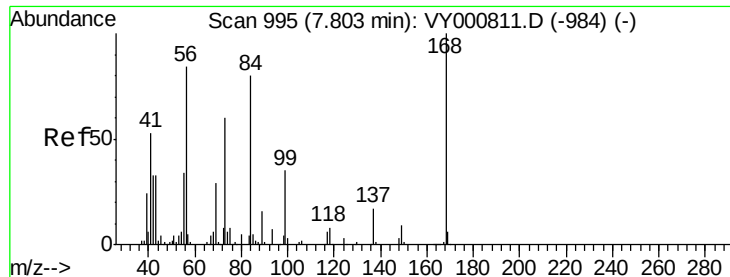
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:00:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	99309	20.811	ug/l	98
94) Hexachlorobutadiene	15.11	225	51389	21.275	ug/l	98
95) Naphthalene	15.23	128	231937	21.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88414	20.812	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

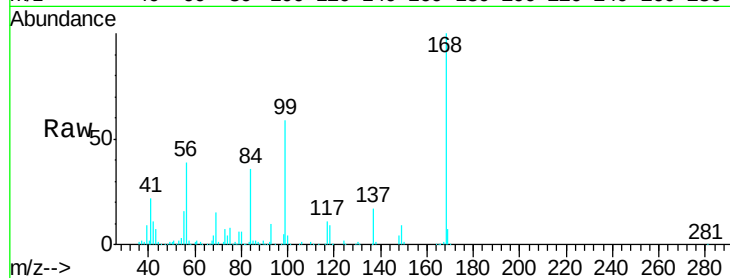
VSTDIC020

Tgt Ion:168 Resp: 318870

Ion Ratio Lower Upper

168 100

99 59.2 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

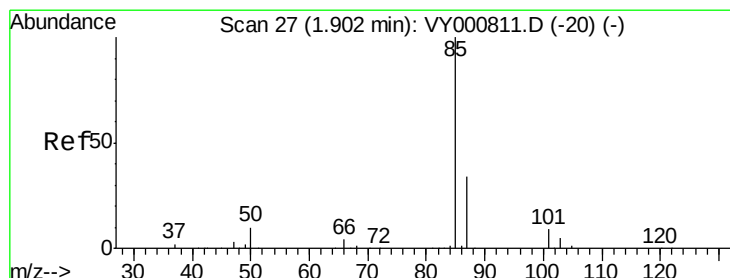
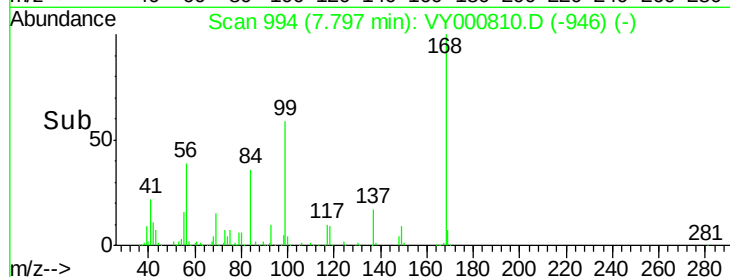
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.072 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000810.D

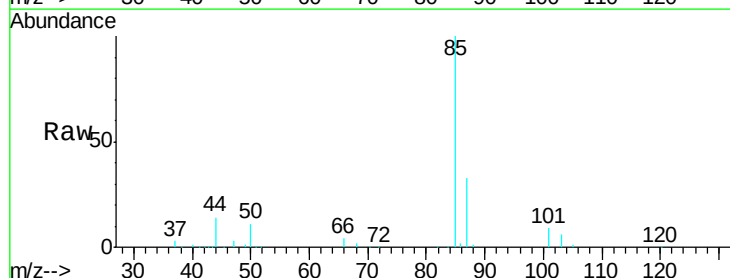
Acq: 27 Nov 2019 11:17

Tgt Ion: 85 Resp: 73079

Ion Ratio Lower Upper

85 100

87 33.2 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

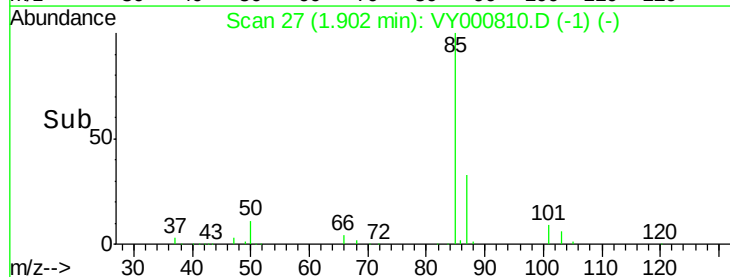
20000

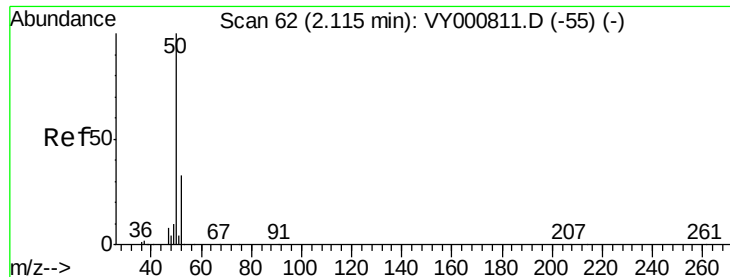
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.219 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

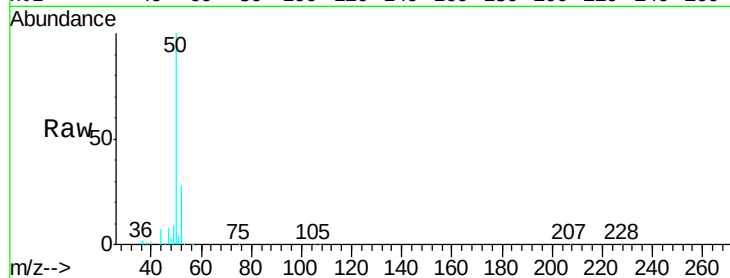
VSTDIC020

Tgt Ion: 50 Resp: 91486

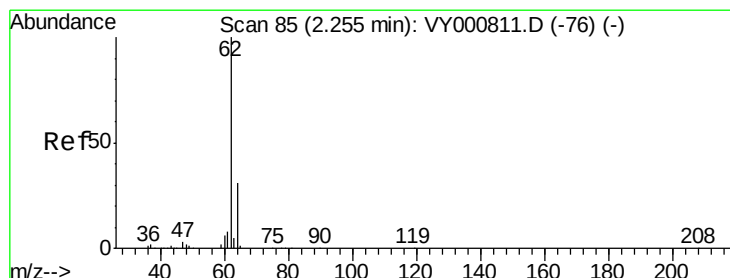
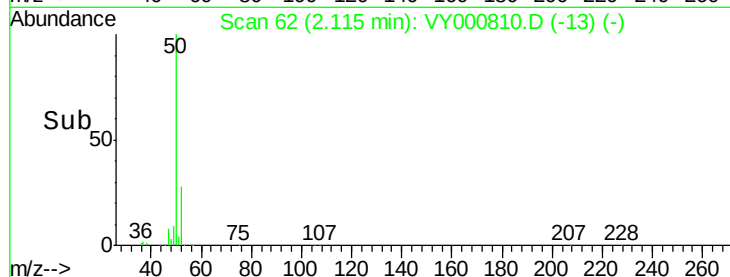
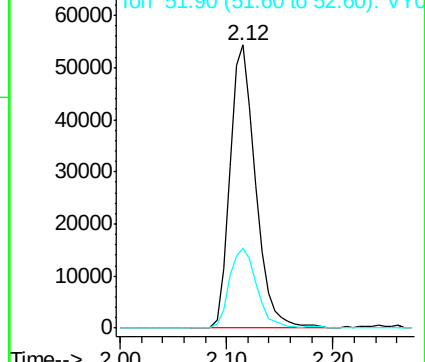
Ion Ratio Lower Upper

50 100

52 28.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000810.D (-13) (-)



#4

Vinyl Chloride

Concen: 21.687 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000810.D

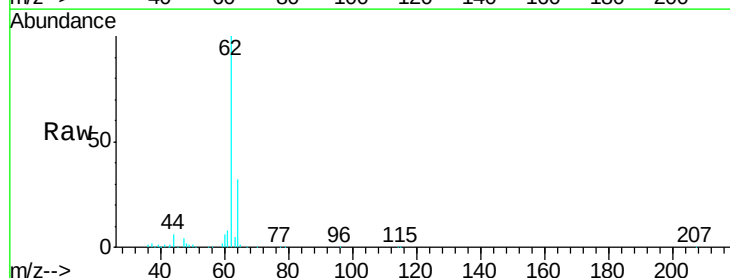
Acq: 27 Nov 2019 11:17

Tgt Ion: 62 Resp: 87668

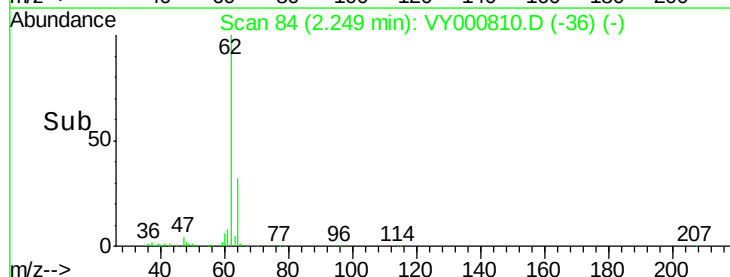
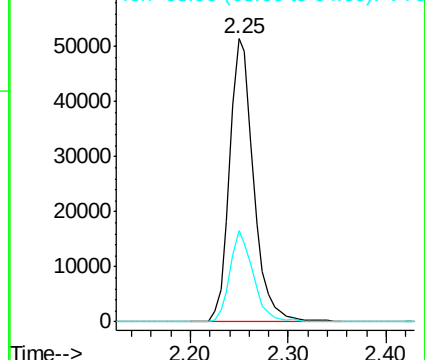
Ion Ratio Lower Upper

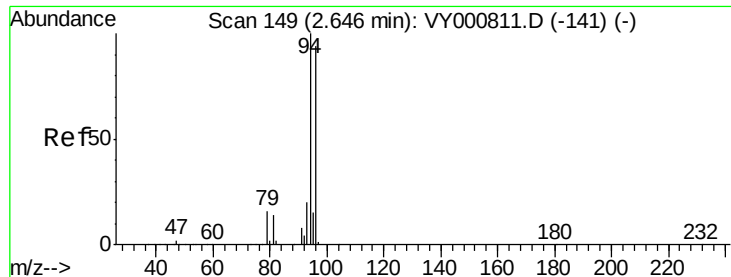
62 100

64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY000810.D (-36) (-)





#5

Bromomethane

Concen: 21.649 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

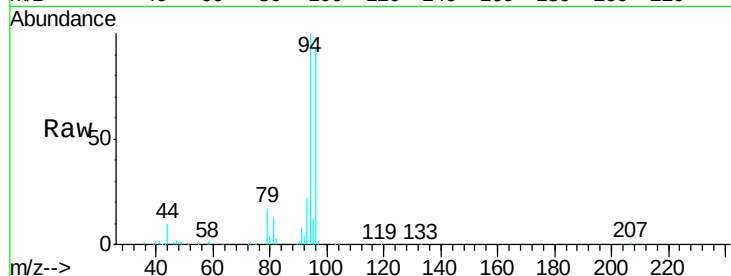
VSTDIC020

Tgt Ion: 94 Resp: 53026

Ion Ratio Lower Upper

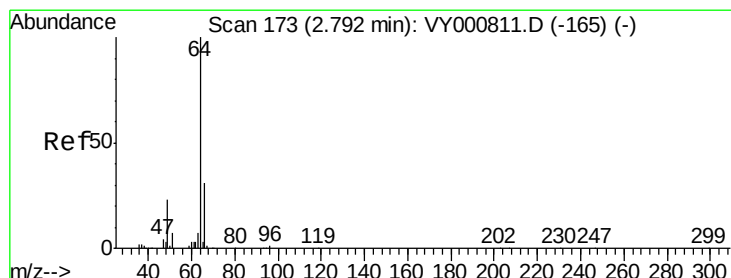
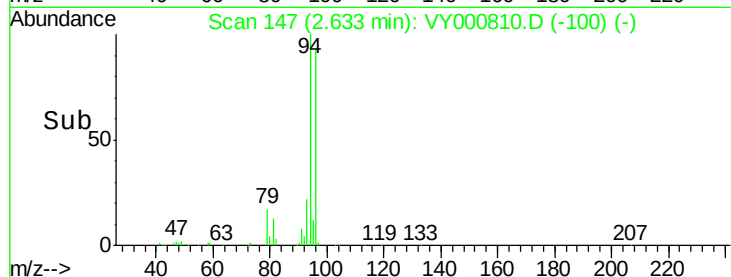
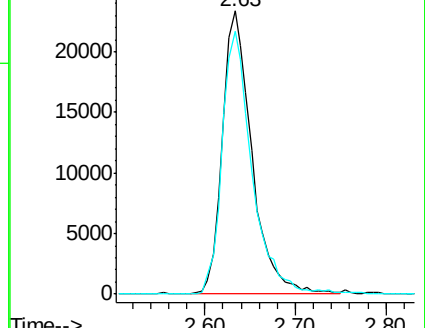
94 100

96 92.7 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: 20.502 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000810.D

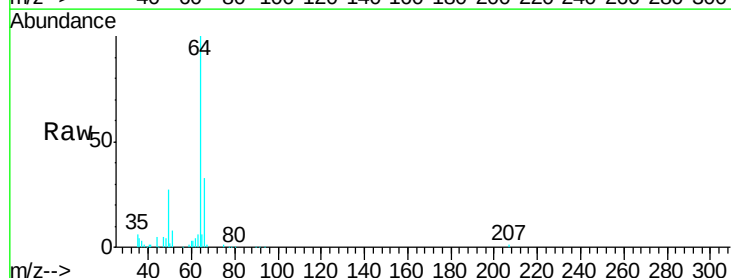
Acq: 27 Nov 2019 11:17

Tgt Ion: 64 Resp: 52157

Ion Ratio Lower Upper

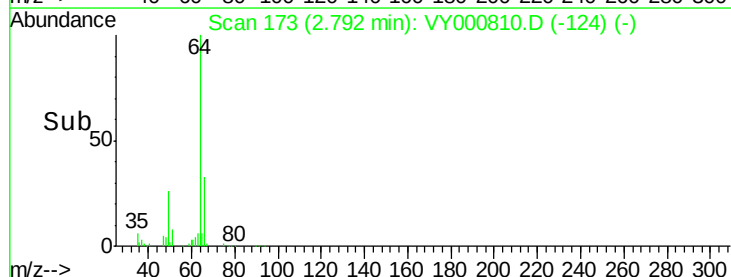
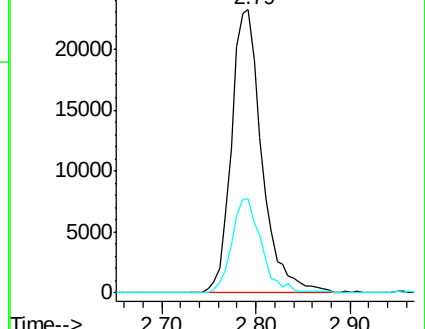
64 100

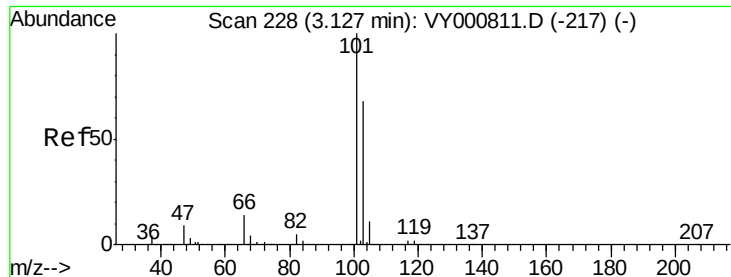
66 33.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



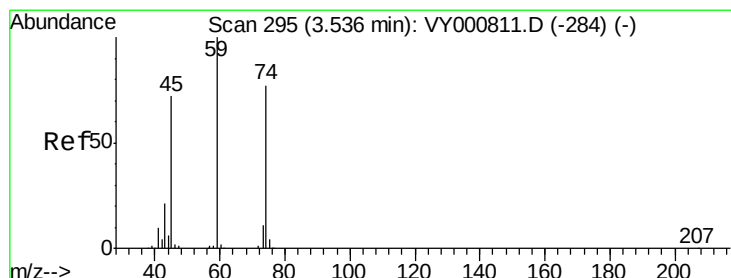
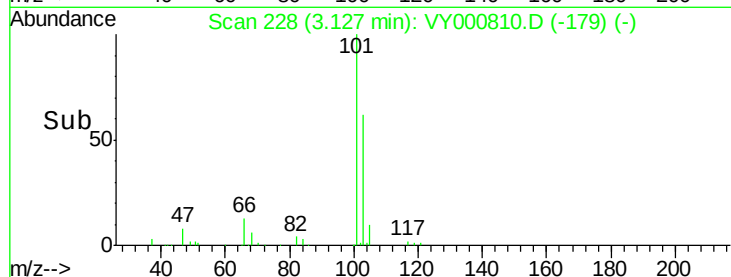
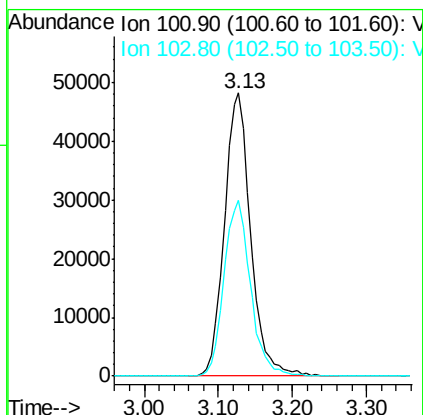
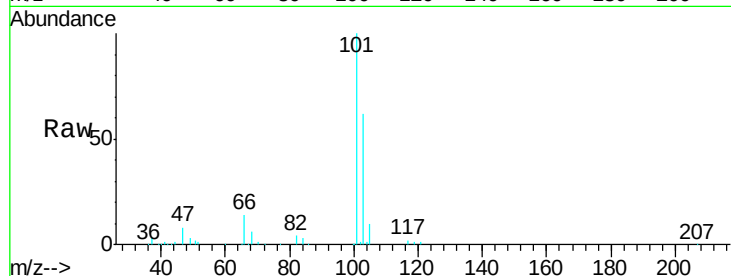


#7

Trichlorofluoromethane
 Concen: 21.547 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

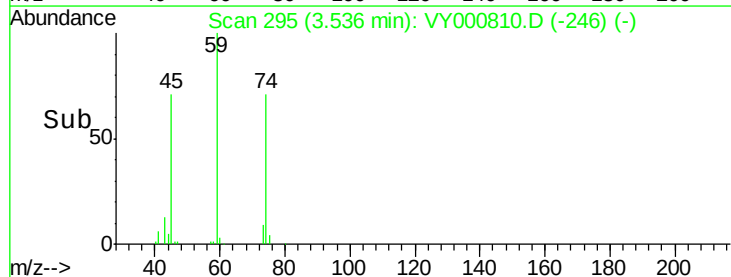
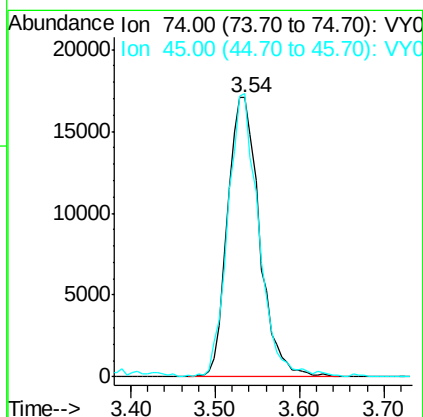
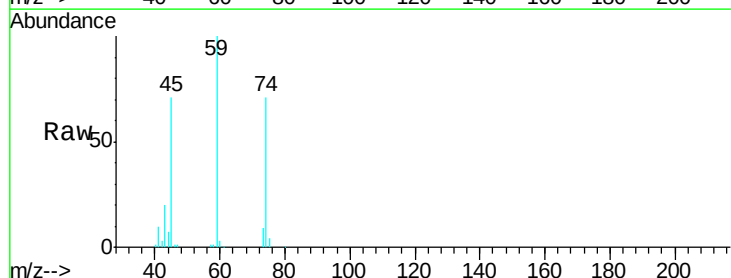
Tgt Ion:101 Resp: 118383
 Ion Ratio Lower Upper
 101 100
 103 62.1 54.2 81.2

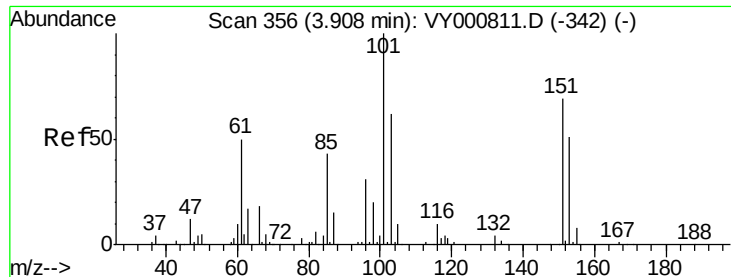


#8

Diethyl Ether
 Concen: 22.267 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 74 Resp: 44016
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.574 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

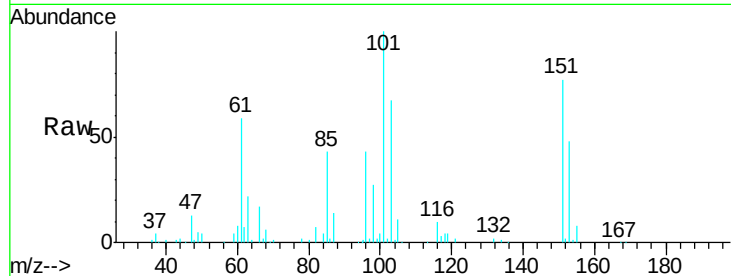
Tgt Ion:101 Resp: 72132

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

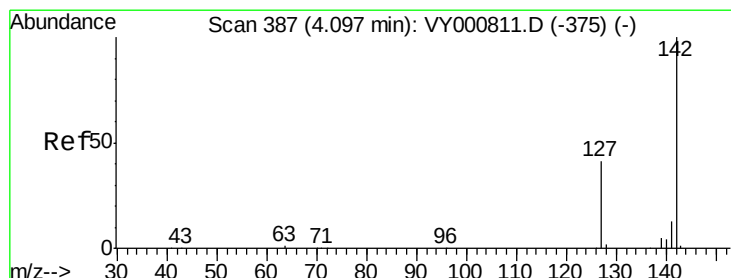
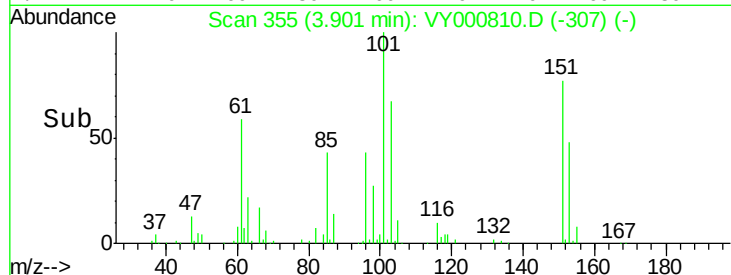
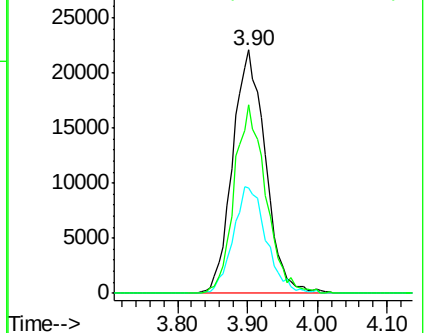
151 74.8 58.2 87.2



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: 21.099 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

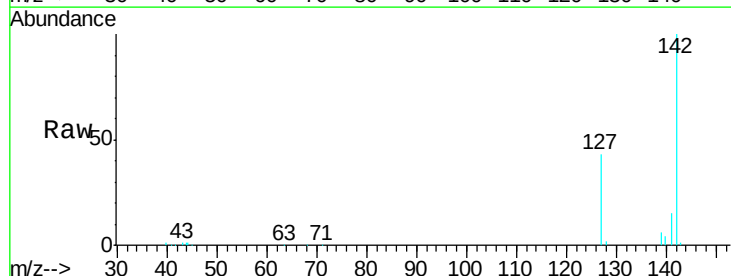
Tgt Ion:142 Resp: 83539

Ion Ratio Lower Upper

142 100

127 44.0 33.8 50.8

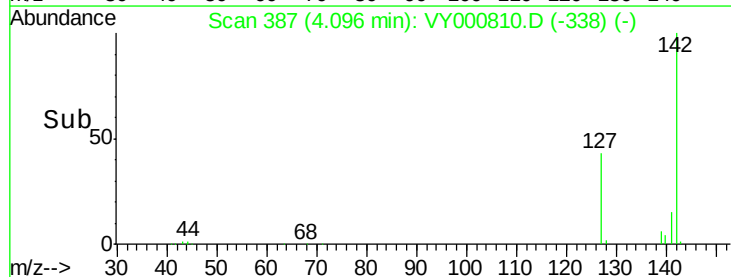
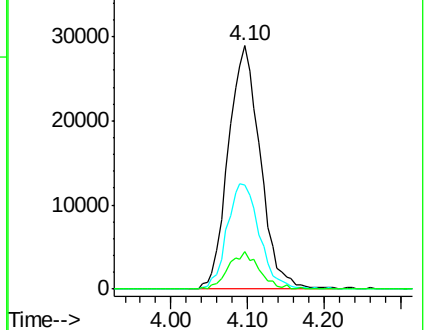
141 14.7 10.9 16.3

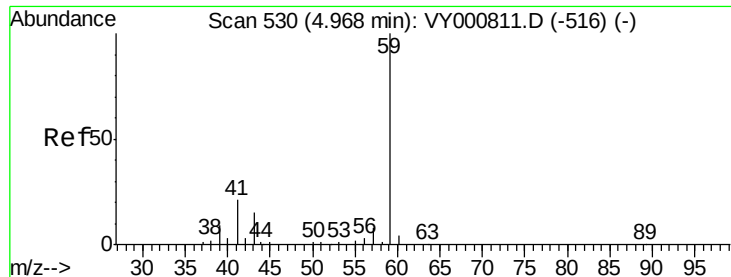


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



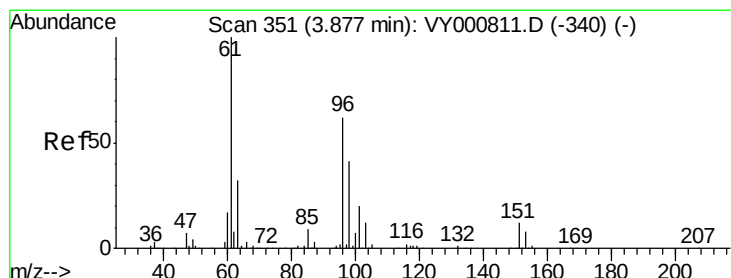
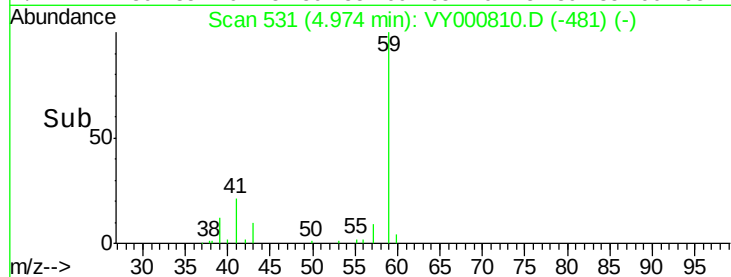
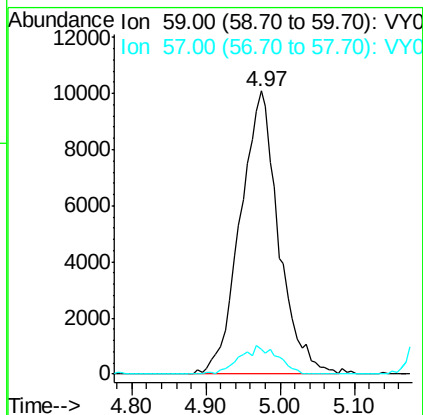
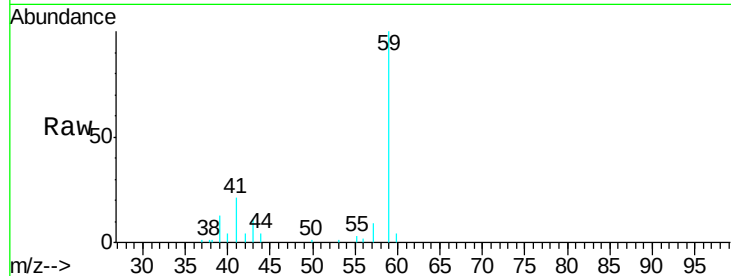


#11

Tert butyl alcohol
 Concen: 108.773 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

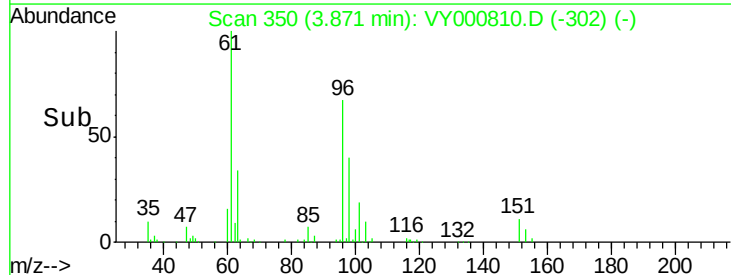
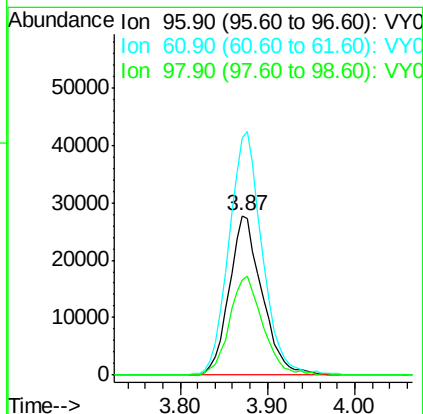
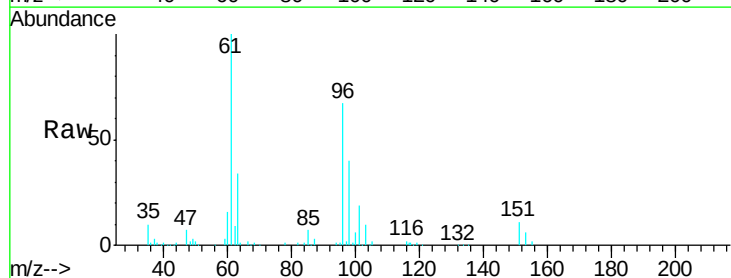
Tgt Ion: 59 Resp: 36321
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

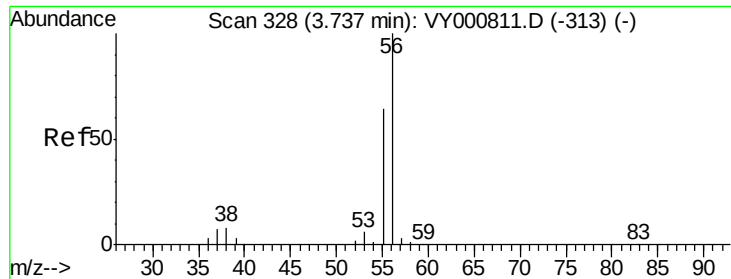


#12

1,1-Dichloroethene
 Concen: 22.479 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 96 Resp: 72418
 Ion Ratio Lower Upper
 96 100
 61 148.8 129.4 194.2
 98 59.5 53.4 80.0

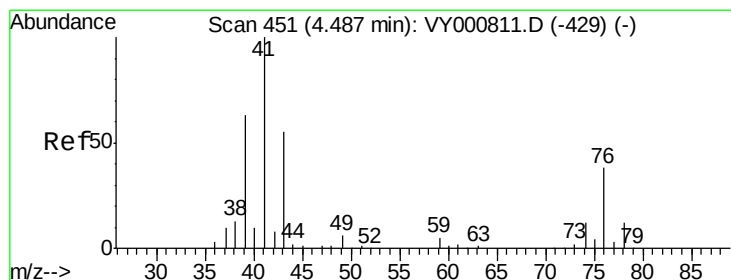
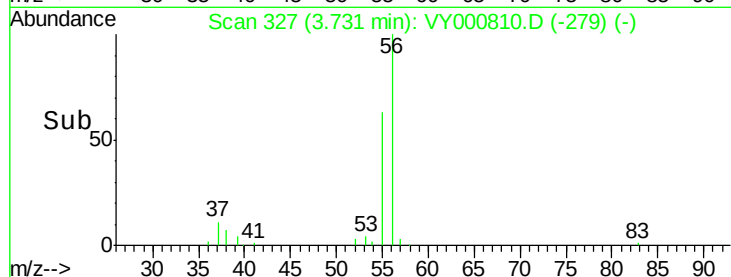
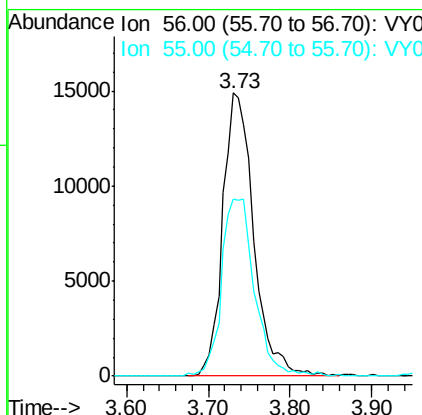
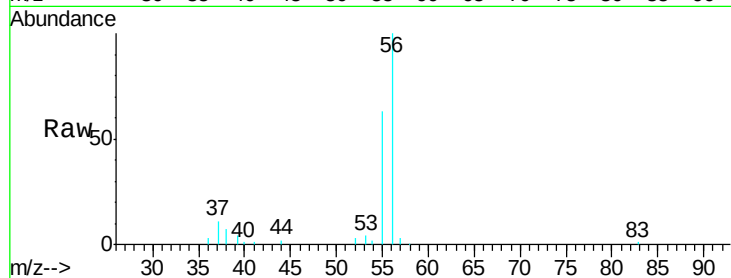




#13
 Acrolein
 Concen: 134.867 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

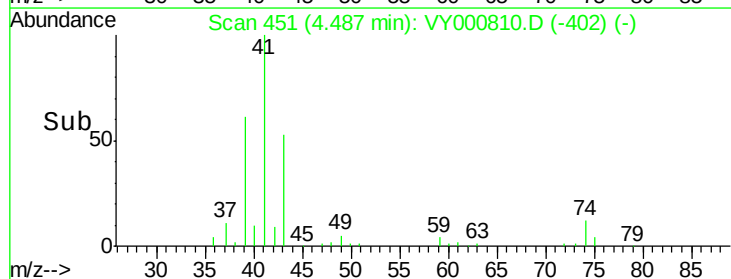
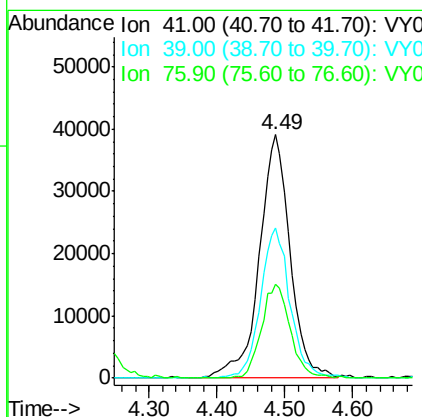
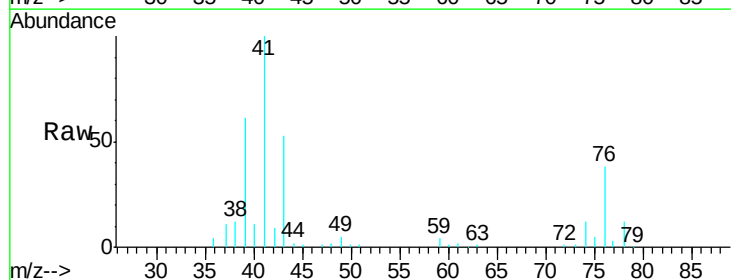
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

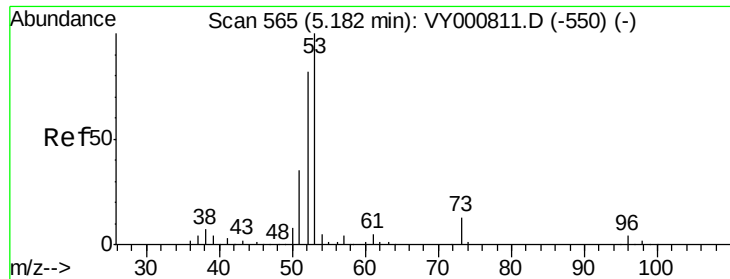
Tgt Ion: 56 Resp: 38943
 Ion Ratio Lower Upper
 56 100
 55 66.7 55.7 83.5



#14
 Allyl chloride
 Concen: 22.974 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 41 Resp: 123157
 Ion Ratio Lower Upper
 41 100
 39 58.3 49.2 73.8
 76 36.0 29.2 43.8





#15

Acrylonitrile

Concen: 110.955 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

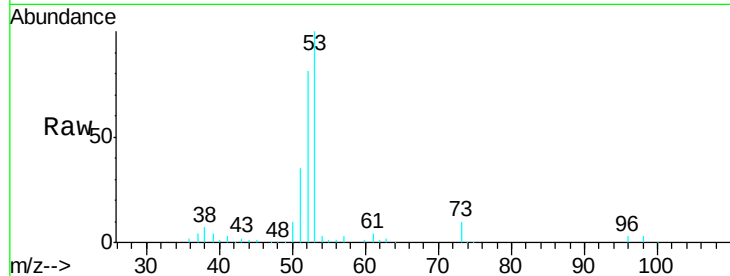
Tgt Ion: 53 Resp: 113327

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

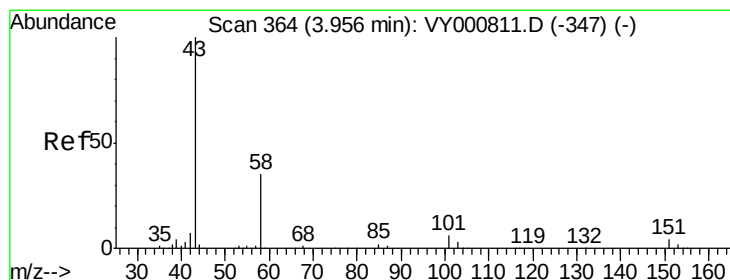
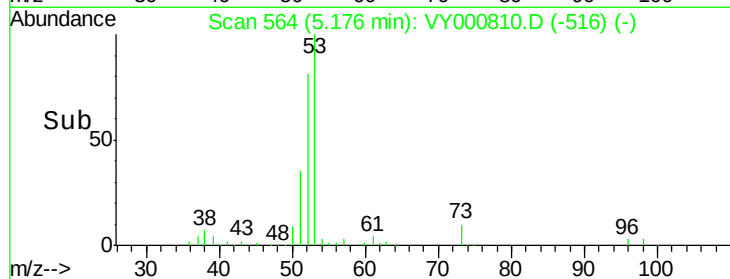
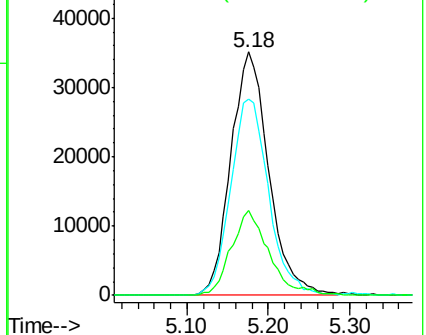
51 34.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 92.323 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000810.D

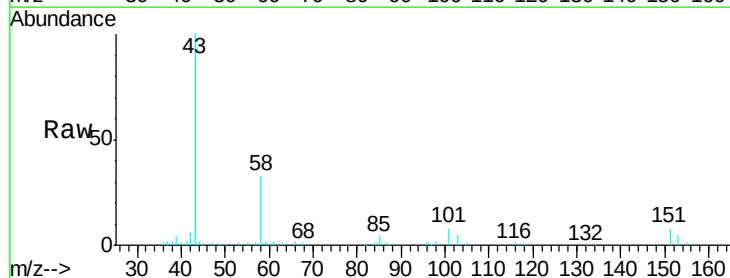
Acq: 27 Nov 2019 11:17

Tgt Ion: 43 Resp: 80897

Ion Ratio Lower Upper

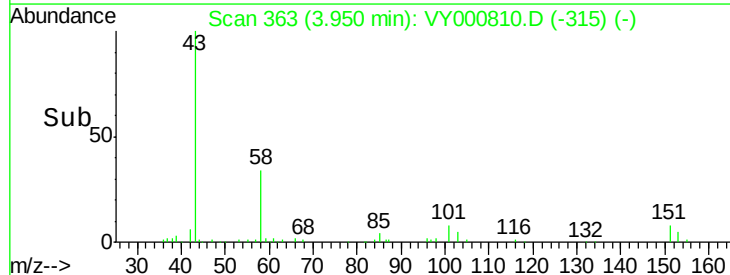
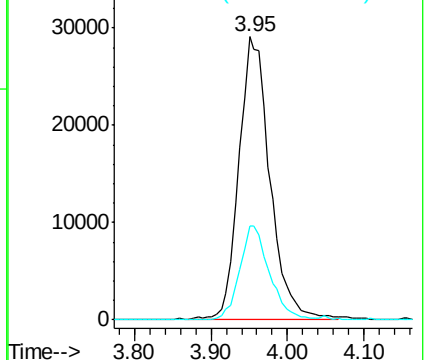
43 100

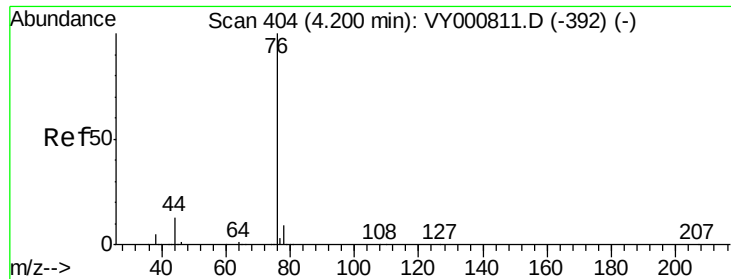
58 33.5 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

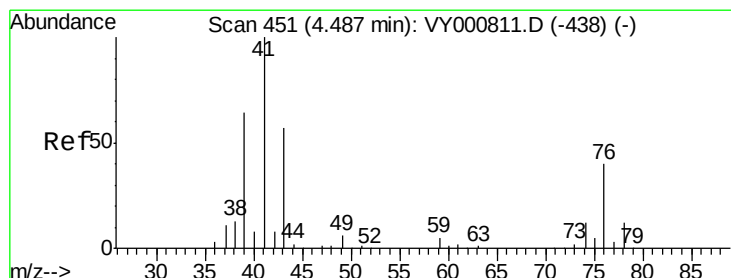
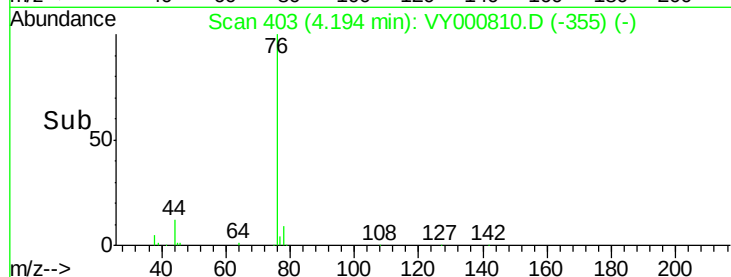
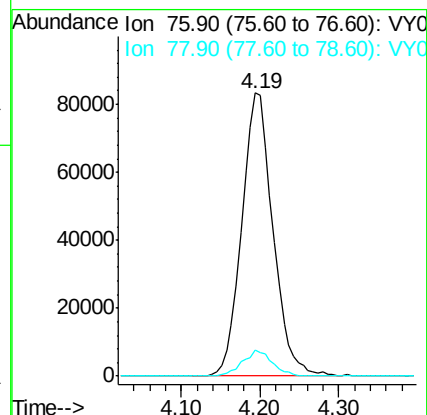
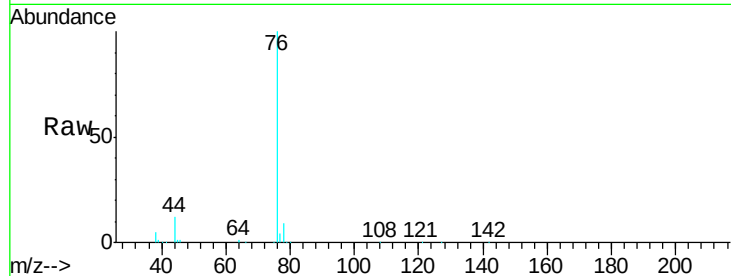




#17
Carbon Disulfide
Concen: 22.203 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

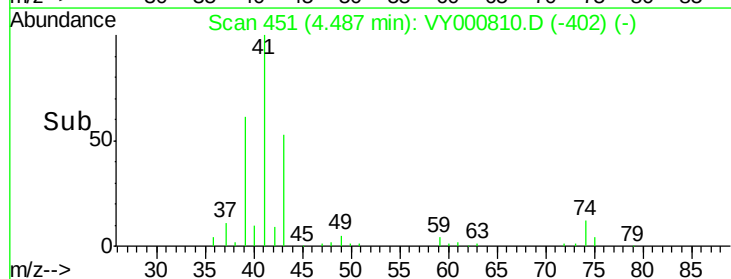
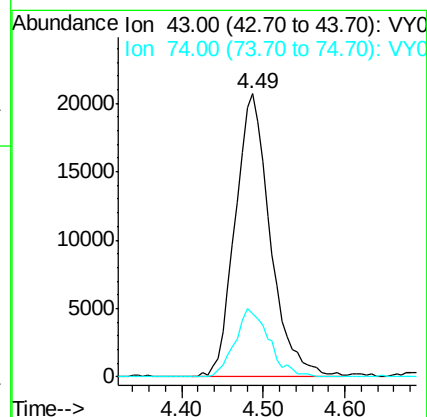
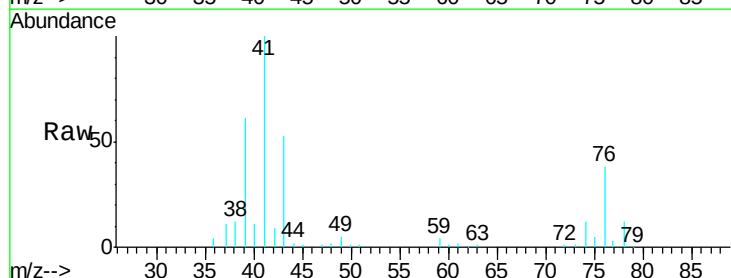
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

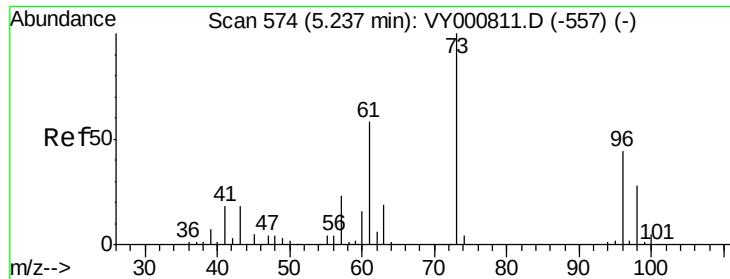
Tgt Ion: 76 Resp: 228938
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 20.969 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 43 Resp: 61671
Ion Ratio Lower Upper
43 100
74 23.4 18.5 27.7

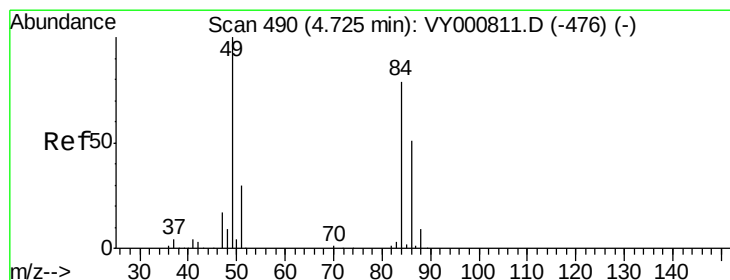
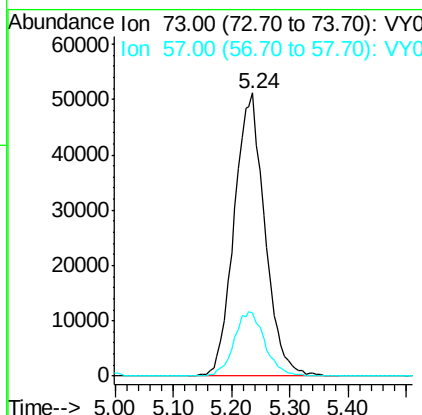
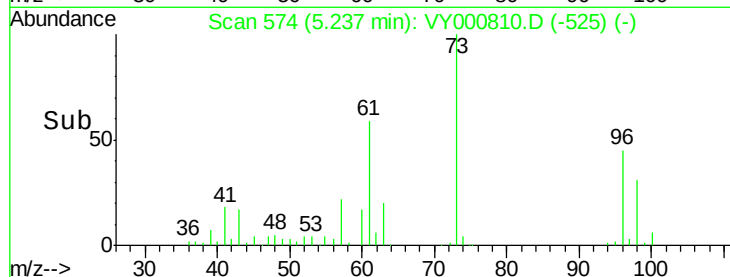
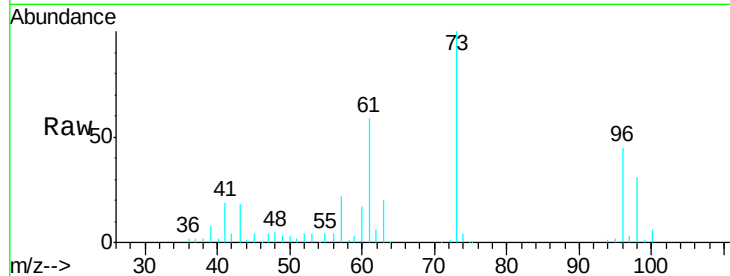




#19
Methyl tert-butyl Ether
Concen: 20.564 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

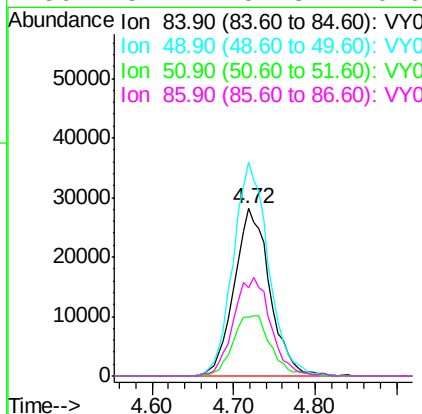
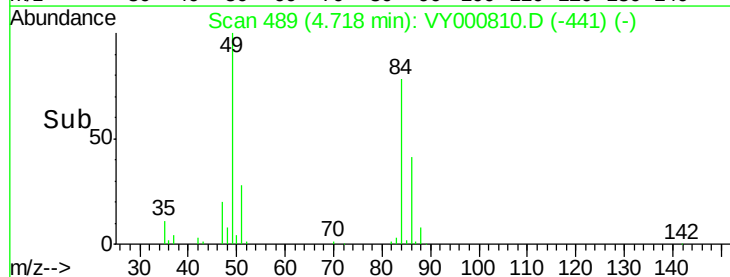
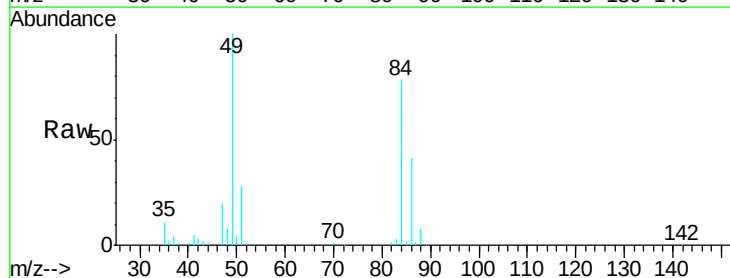
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

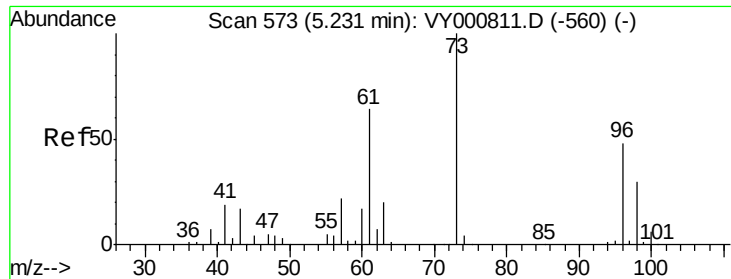
Tgt Ion: 73 Resp: 186514
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 21.373 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 84 Resp: 85175
Ion Ratio Lower Upper
84 100
49 127.6 101.3 151.9
51 35.3 30.6 45.8
86 52.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.697 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

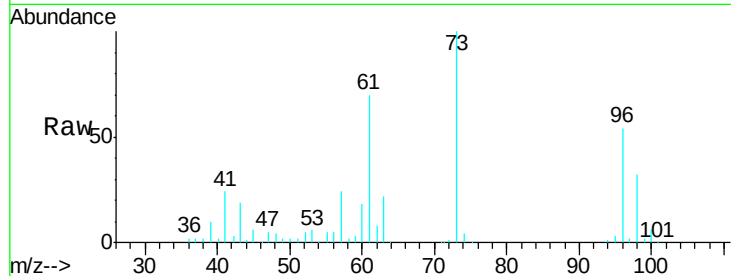
Tgt Ion: 96 Resp: 79769

Ion Ratio Lower Upper

96 100

61 130.4 105.9 158.9

98 59.0 49.4 74.2

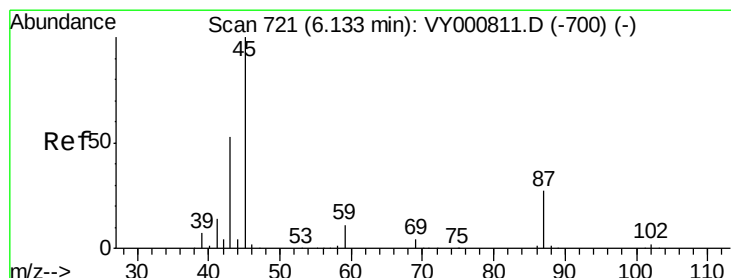
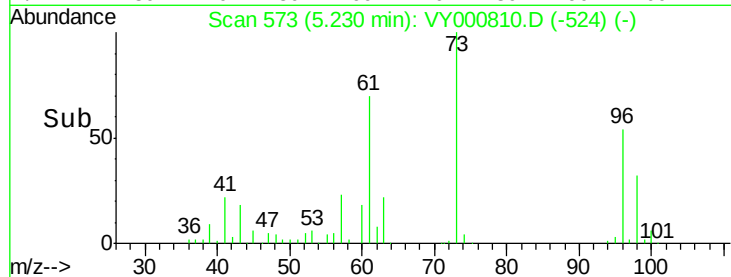
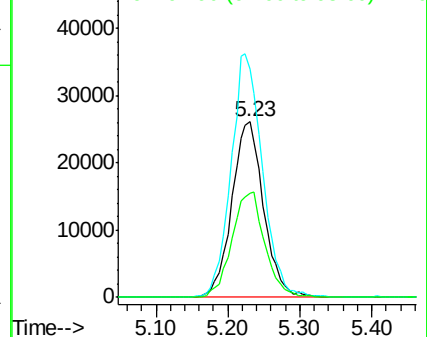


Abundance

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: 22.052 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Tgt Ion: 45 Resp: 254792

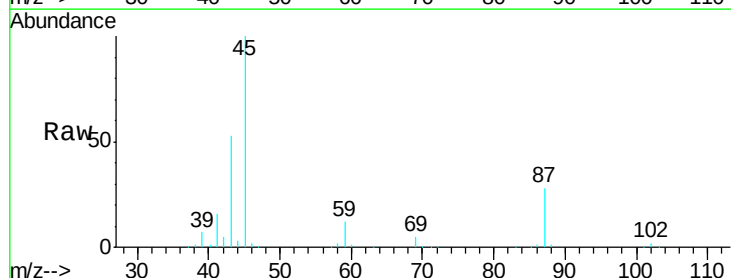
Ion Ratio Lower Upper

45 100

43 52.2 42.7 64.1

87 27.6 22.0 33.0

59 11.8 8.9 13.3



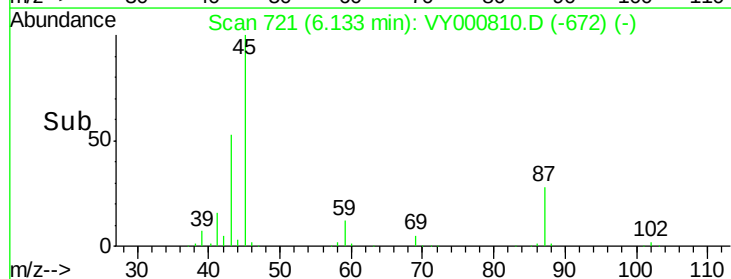
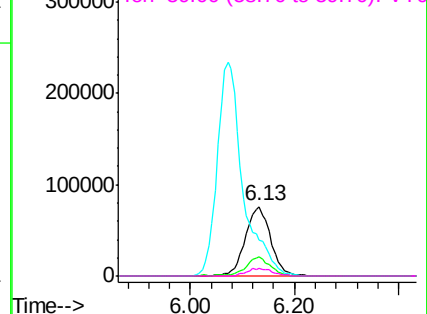
Abundance

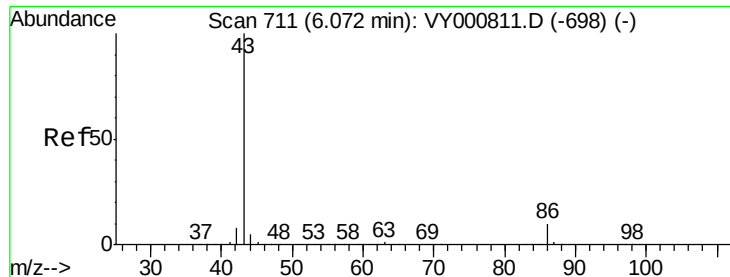
Ion 45.00 (44.70 to 45.70): VY0

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: 110.359 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

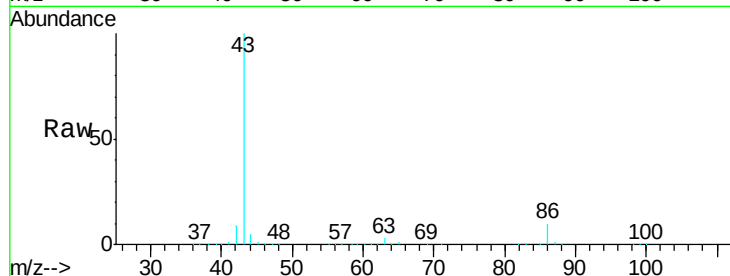
VSTDIC020

Tgt Ion: 43 Resp: 805064

Ion Ratio Lower Upper

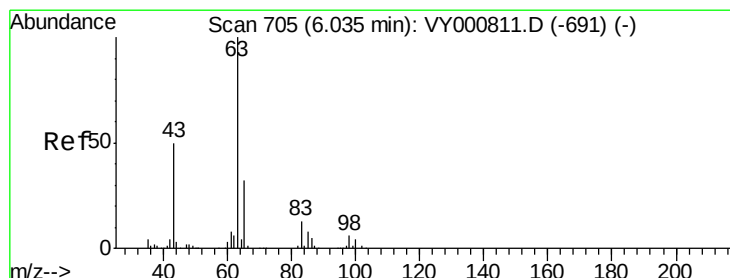
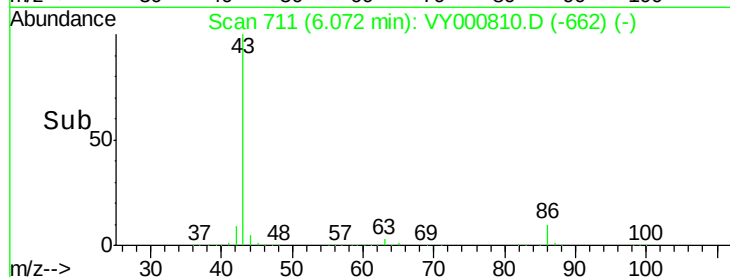
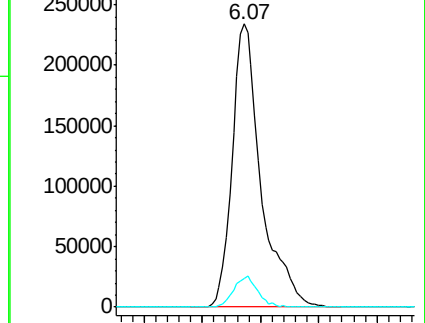
43 100

86 10.0 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: 21.793 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

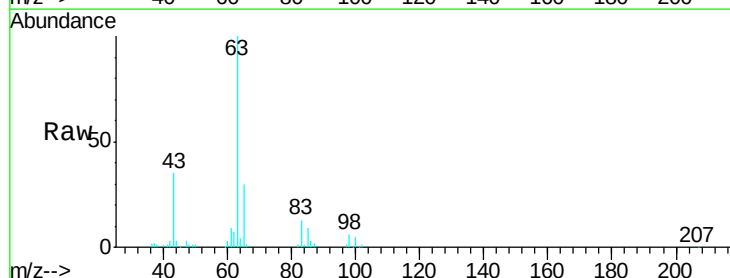
Tgt Ion: 63 Resp: 136830

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

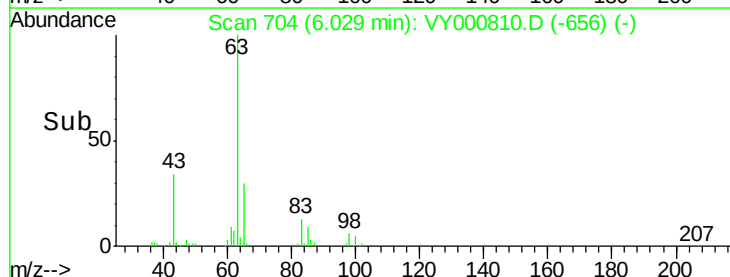
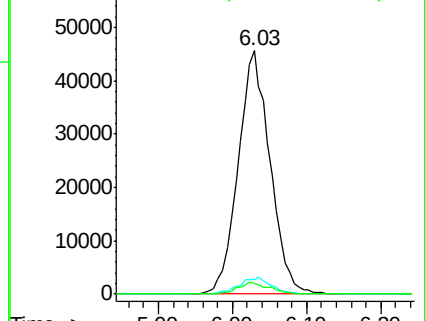
100 4.6 2.2 6.6

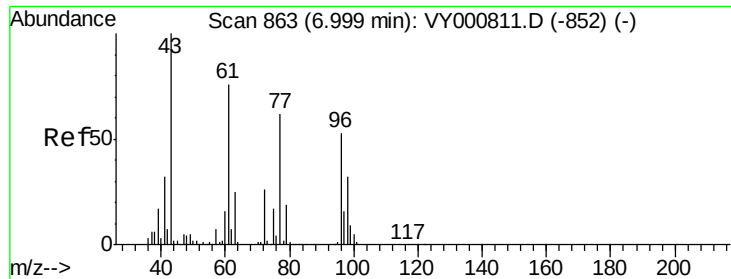


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 102.039 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

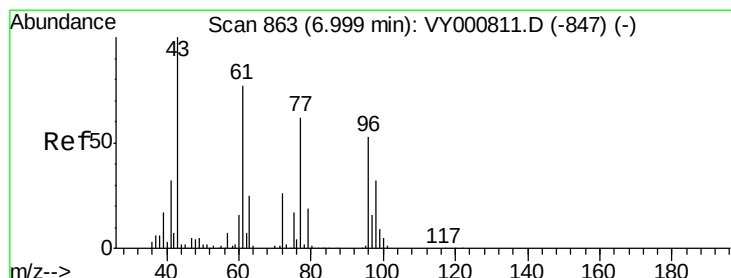
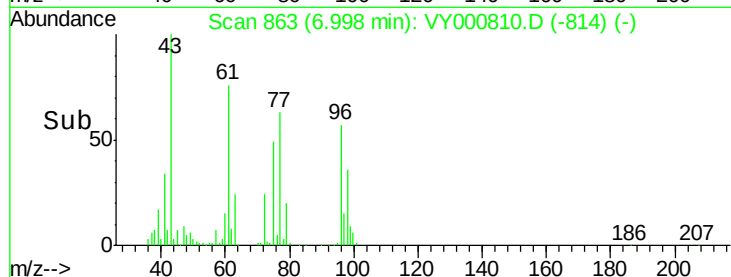
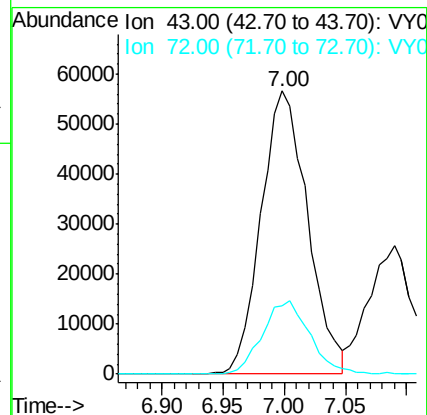
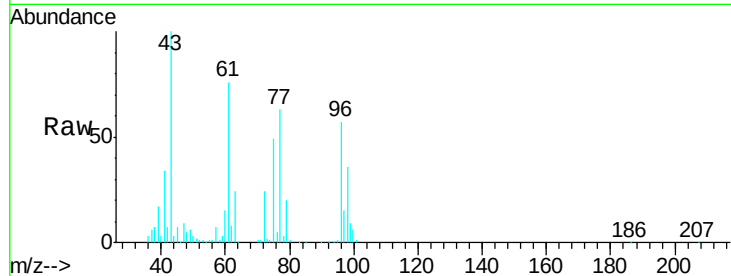
VSTDIC020

Tgt Ion: 43 Resp: 150325

Ion Ratio Lower Upper

43 100

72 24.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.722 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000810.D

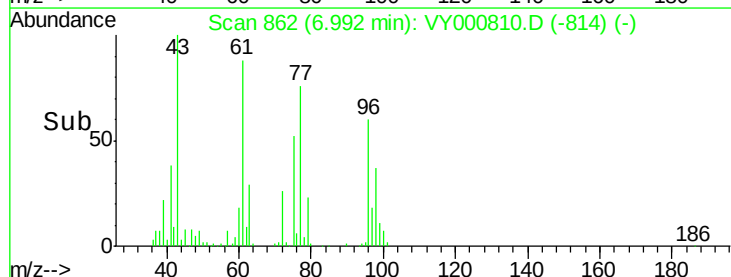
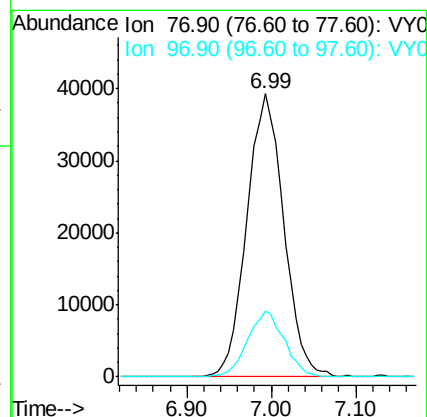
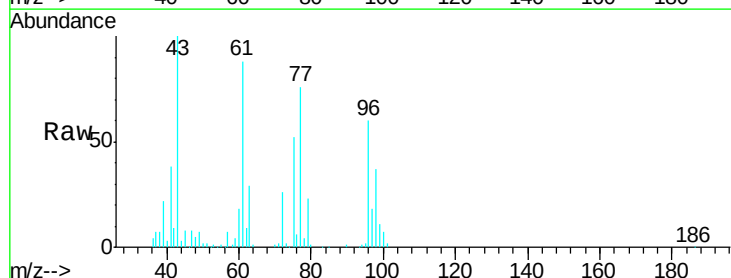
Acq: 27 Nov 2019 11:17

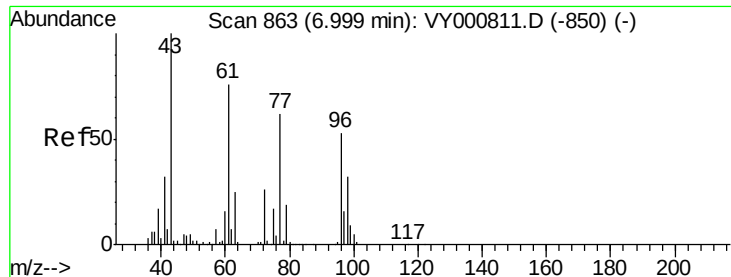
Tgt Ion: 77 Resp: 117042

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.9



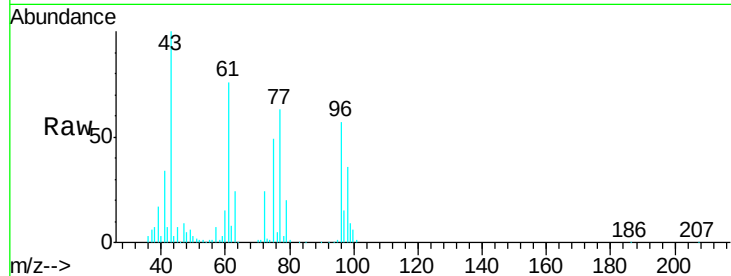


#27

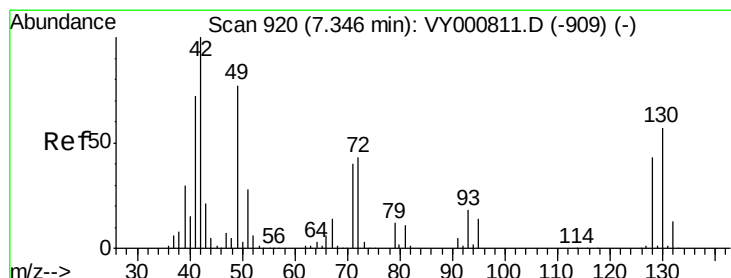
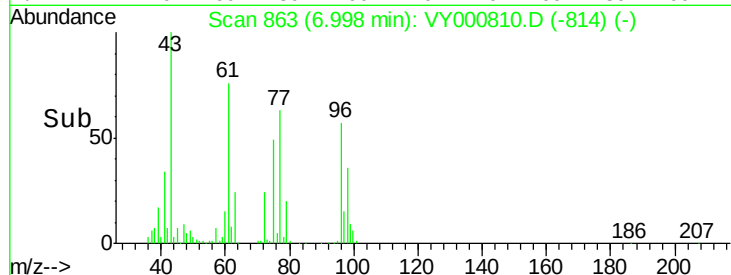
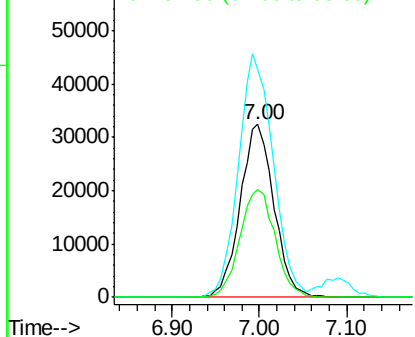
cis-1,2-Dichloroethene
 Concen: 21.624 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 87037
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 285.0
 98 65.0 0.0 128.0



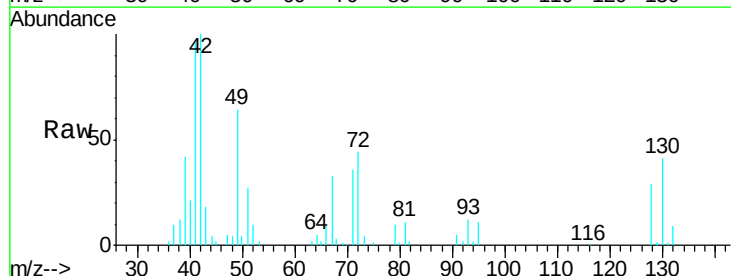
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



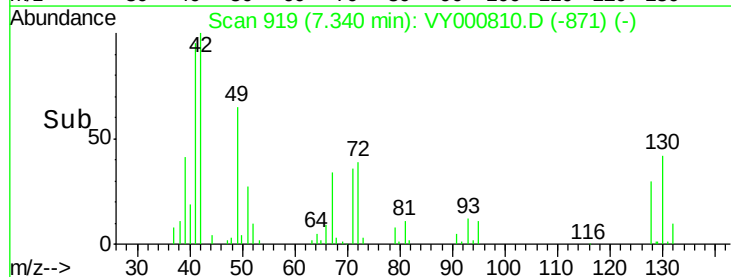
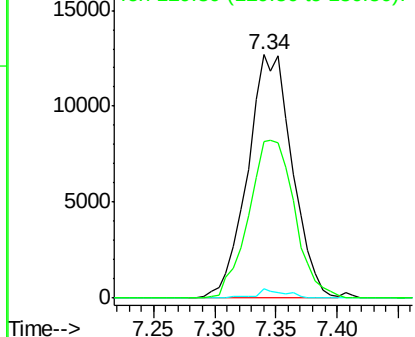
#28

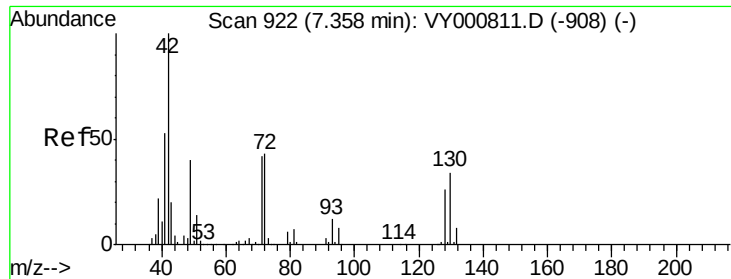
Bromochloromethane
 Concen: 13.387 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 49 Resp: 32344
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 66.4 58.7 88.1



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

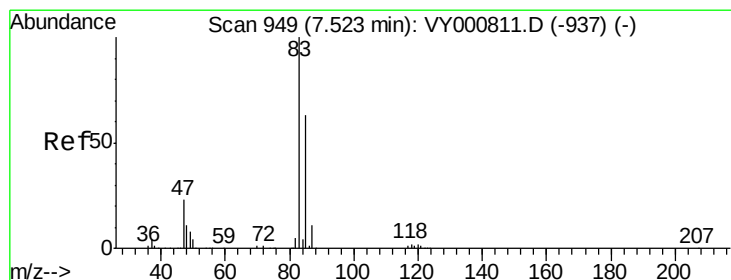
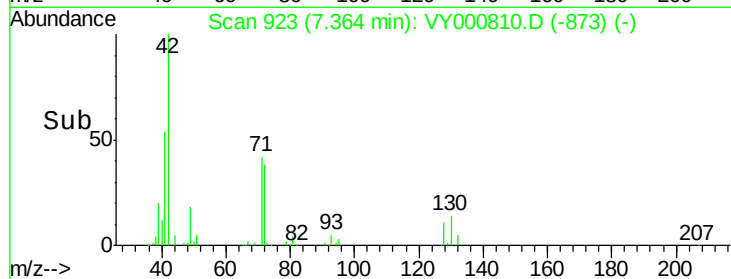
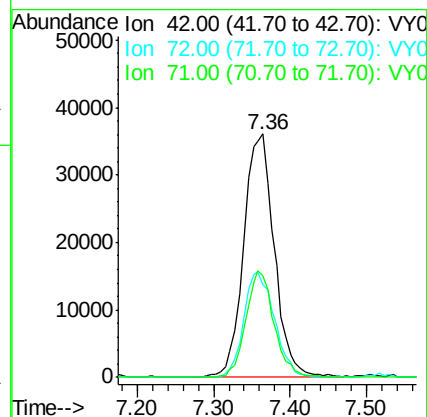
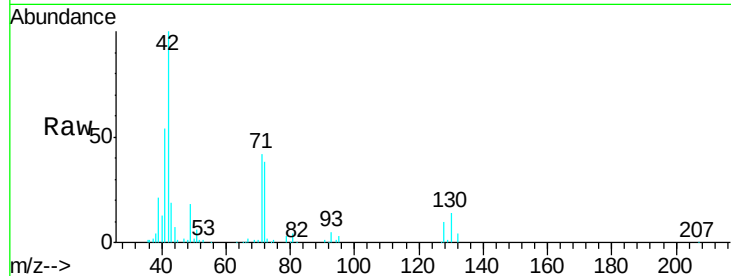




#29
Tetrahydrofuran
Concen: 109.405 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

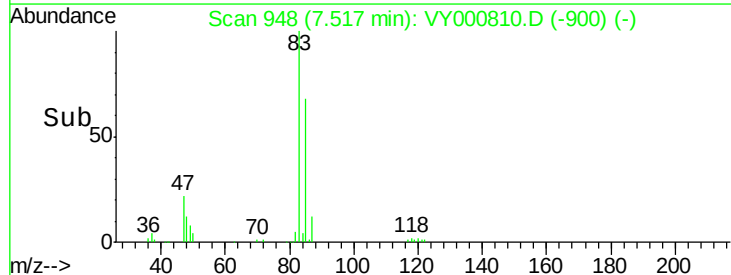
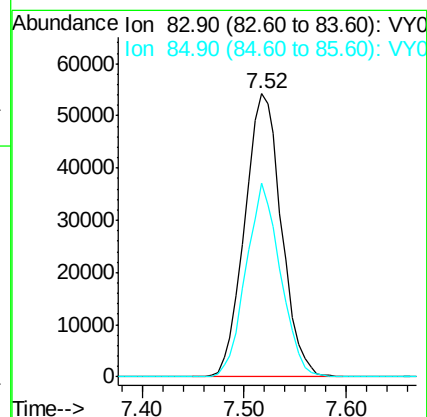
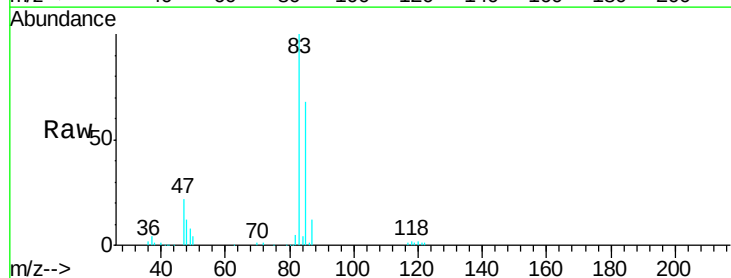
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

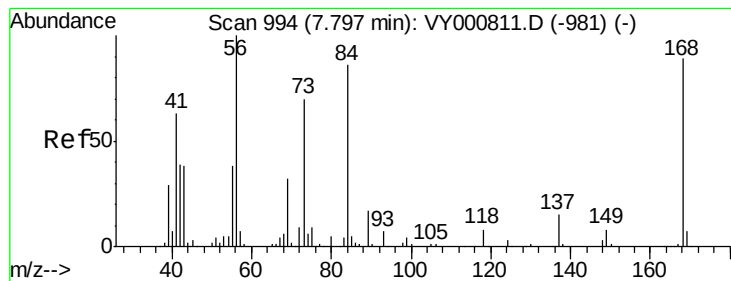
Tgt Ion: 42 Resp: 100159
Ion Ratio Lower Upper
42 100
72 43.4 35.1 52.7
71 40.2 32.8 49.2



#30
Chloroform
Concen: 21.576 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 83 Resp: 135649
Ion Ratio Lower Upper
83 100
85 68.4 50.4 75.6





#31

Cyclohexane

Concen: 22.250 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

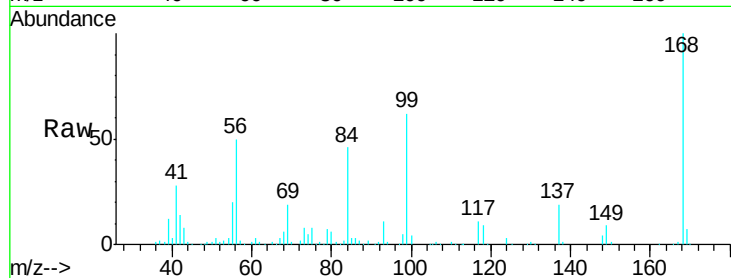
Tgt Ion: 56 Resp: 146117

Ion Ratio Lower Upper

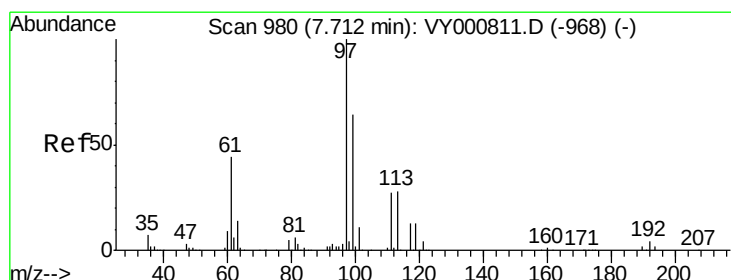
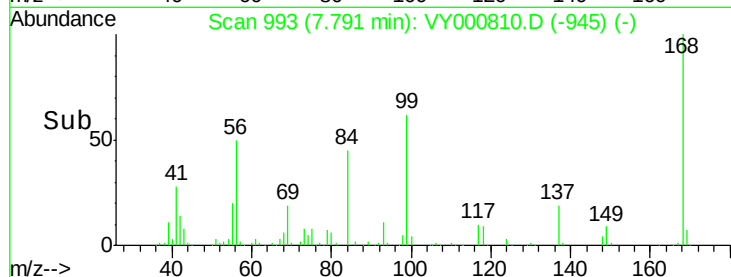
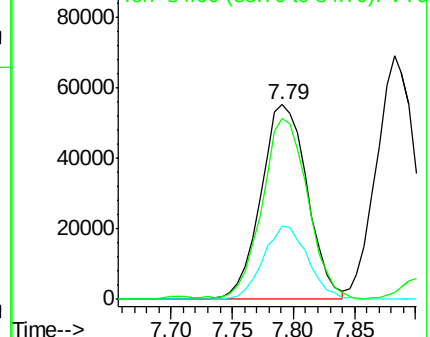
56 100

69 37.9 25.9 38.9

84 91.7 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: 20.625 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

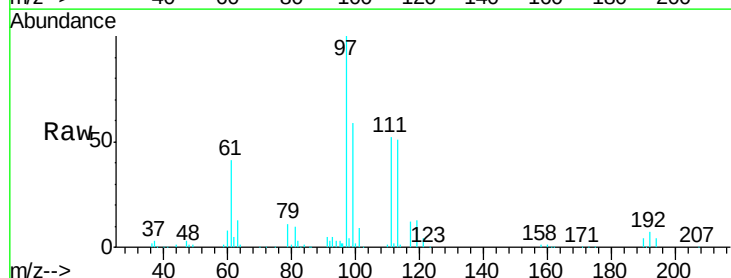
Tgt Ion: 97 Resp: 114343

Ion Ratio Lower Upper

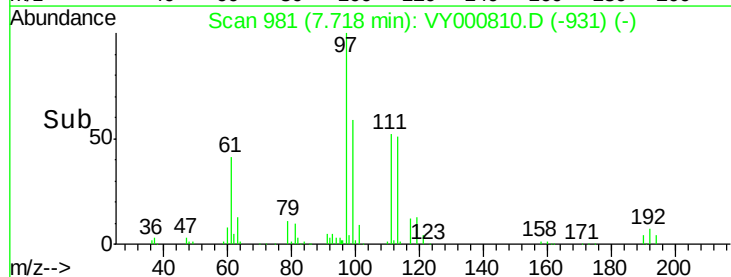
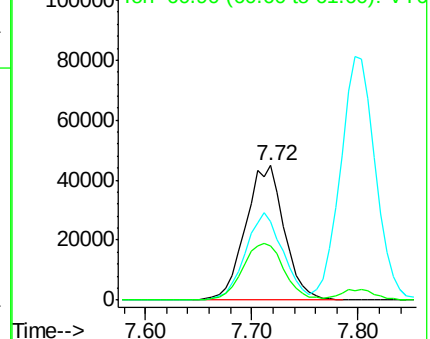
97 100

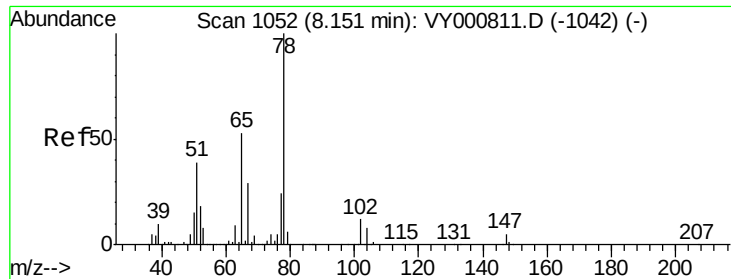
99 63.6 51.7 77.5

61 45.0 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

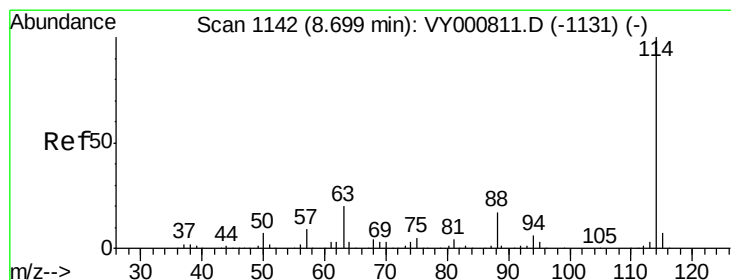
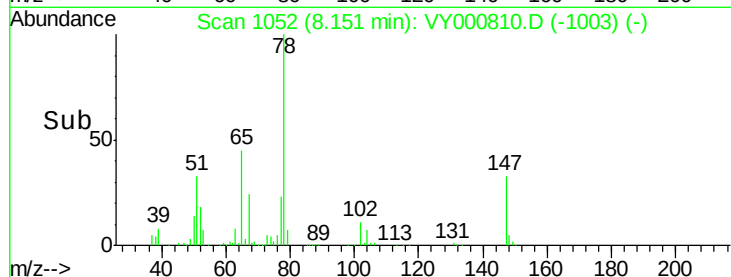
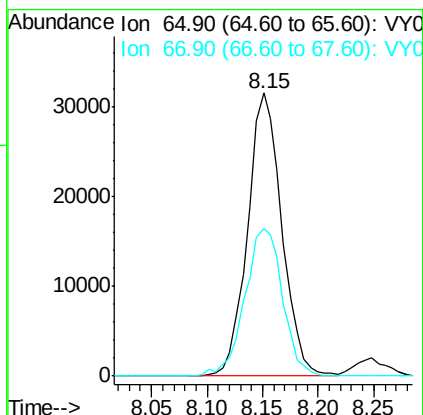
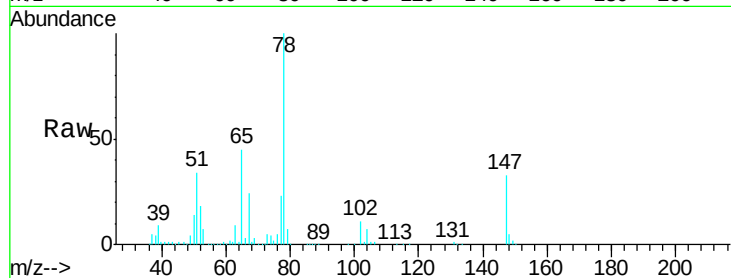




#33
 1,2-Dichloroethane-d4
 Concen: 20.815 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

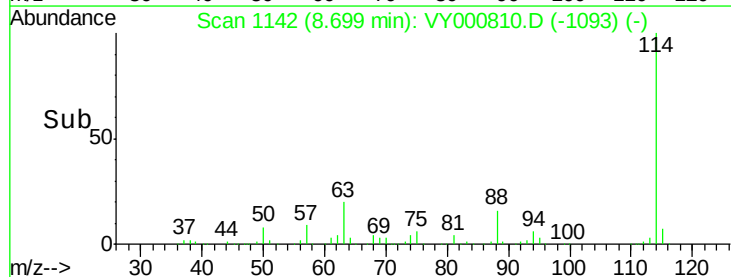
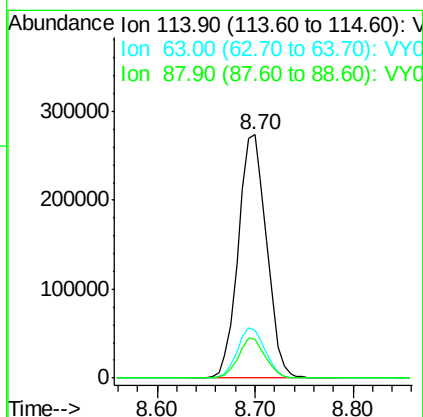
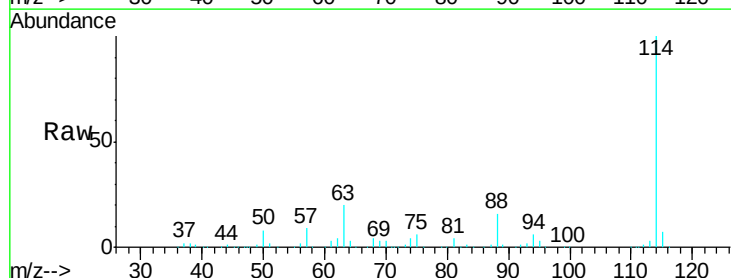
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

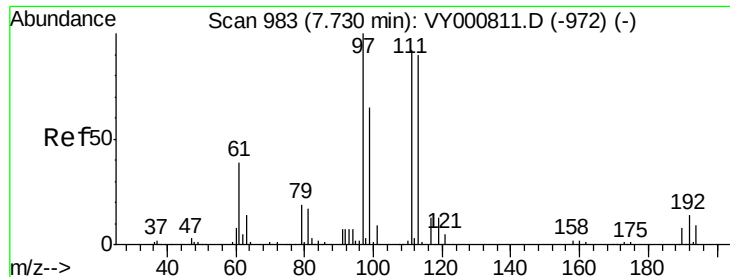
Tgt Ion: 65 Resp: 67874
 Ion Ratio Lower Upper
 65 100
 67 57.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 114 Resp: 549444
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.7 0.0 33.2

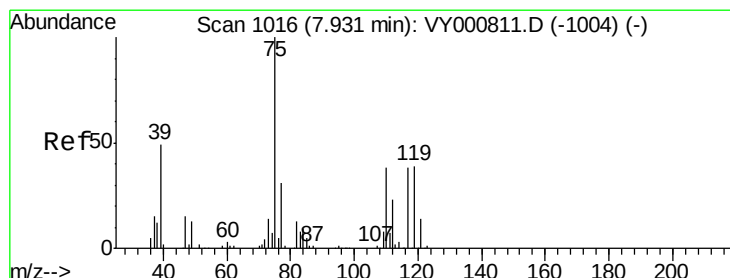
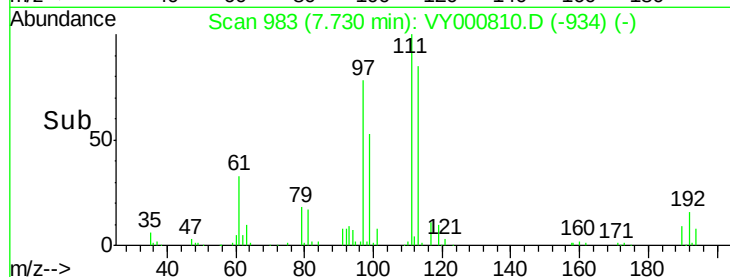
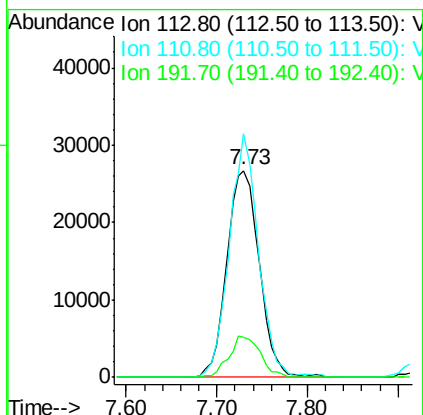
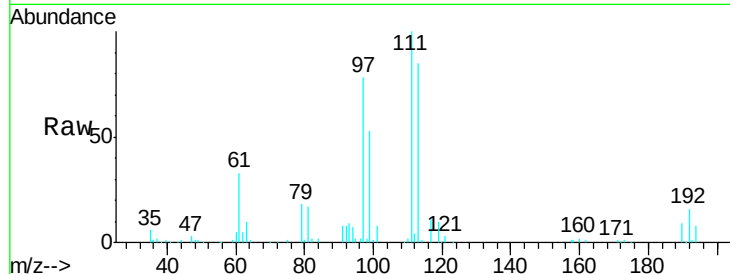




#35
Dibromofluoromethane
Concen: 21.012 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

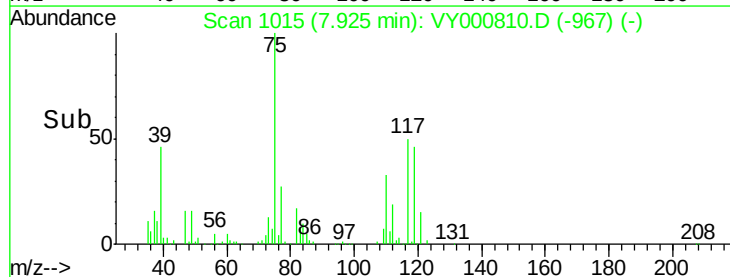
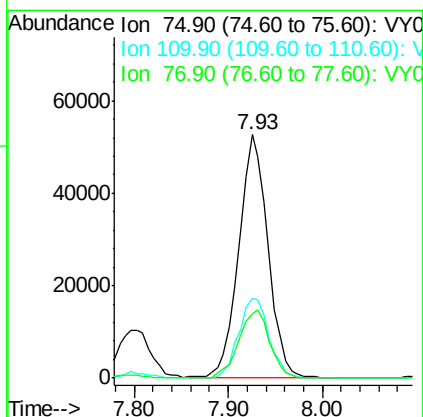
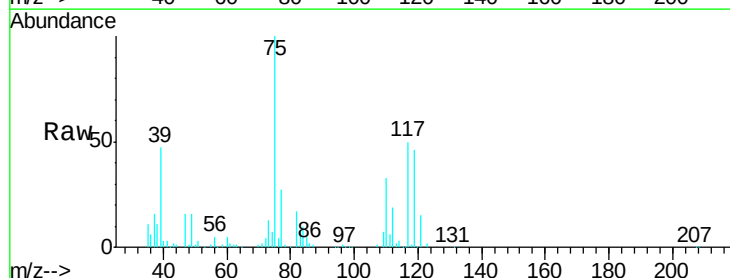
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

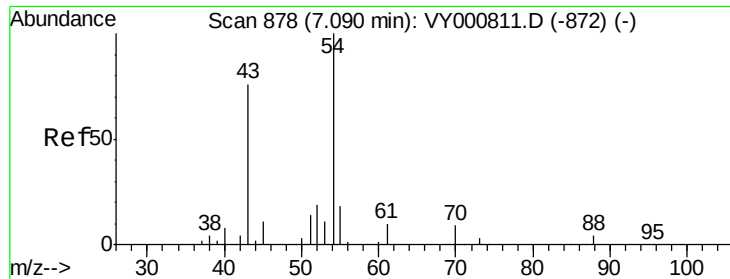
Tgt Ion:113 Resp: 67052
Ion Ratio Lower Upper
113 100
111 105.3 82.4 123.6
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.711 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 75 Resp: 114416
Ion Ratio Lower Upper
75 100
110 34.0 17.9 53.7
77 29.7 24.7 37.1

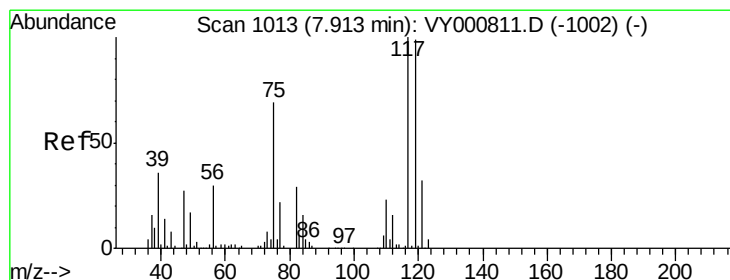
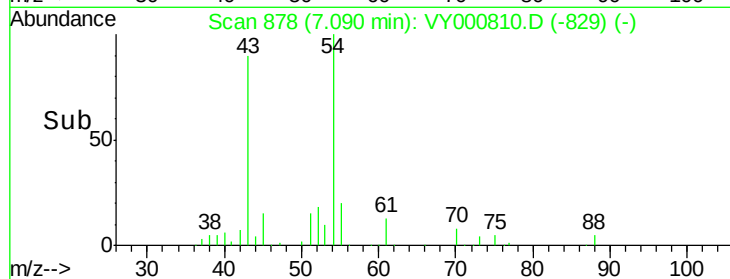
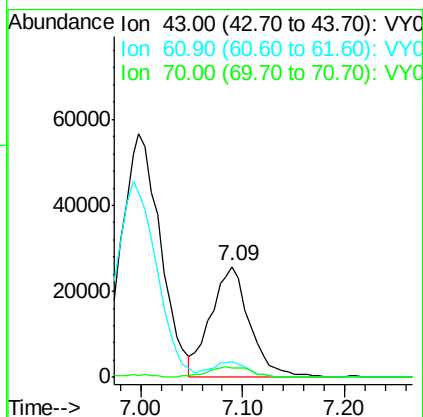
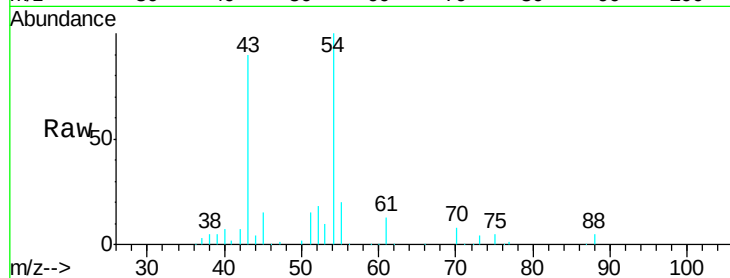




#37
Ethyl Acetate
Concen: 21.302 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

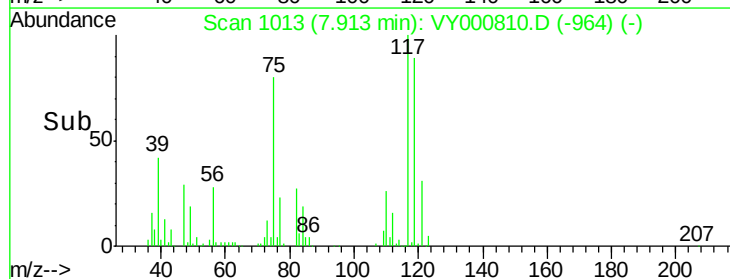
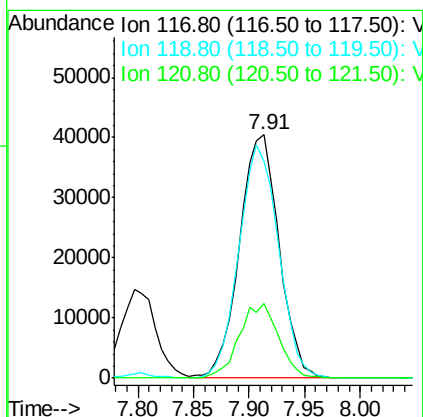
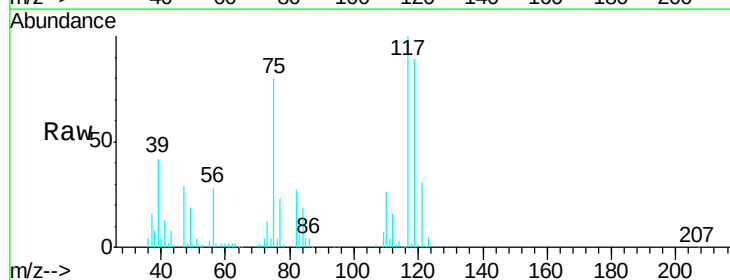
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

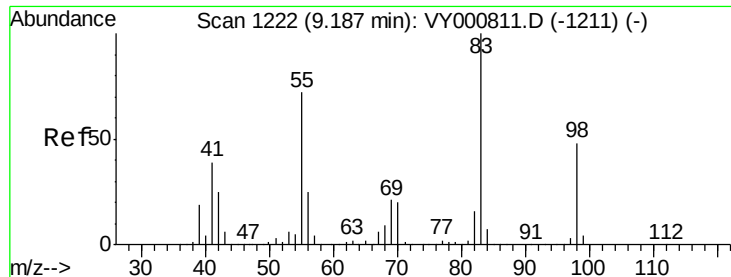
Tgt Ion: 43 Resp: 67248
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.8
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.101 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 117 Resp: 100473
Ion Ratio Lower Upper
117 100
119 89.1 79.3 118.9
121 30.5 25.5 38.3

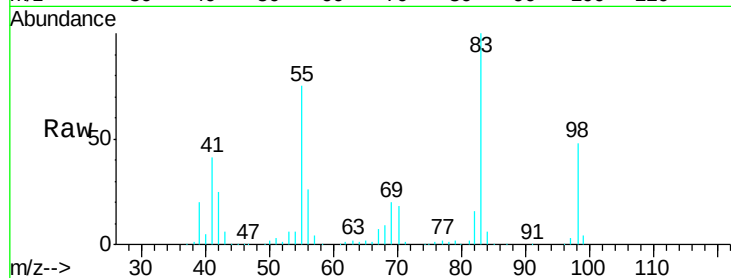




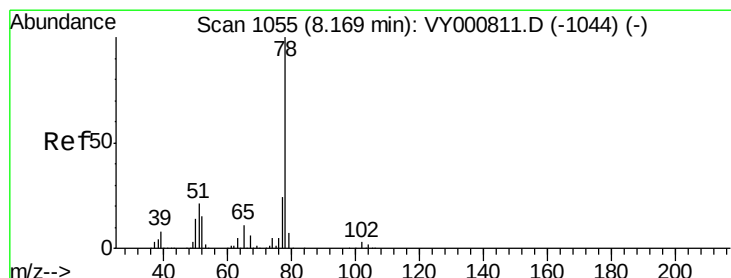
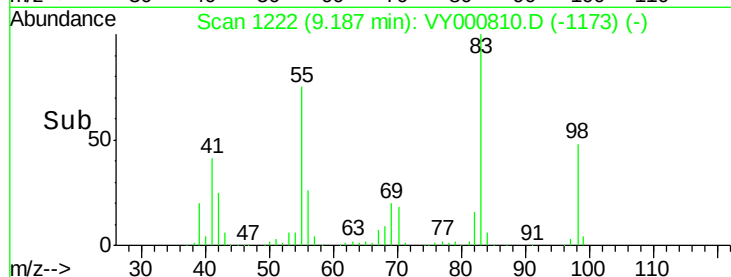
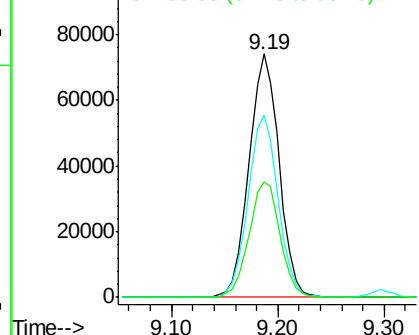
#39
Methylcyclohexane
Concen: 21.606 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 147091
Ion Ratio Lower Upper
83 100
55 74.8 57.8 86.6
98 47.5 38.6 58.0

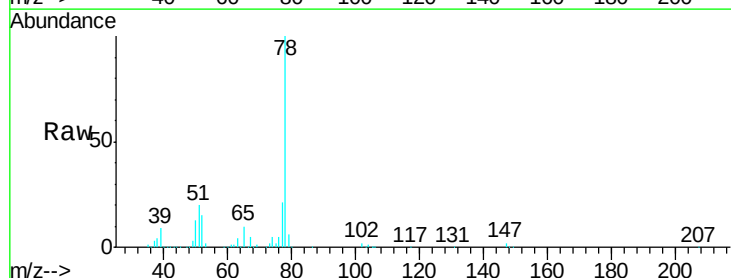


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

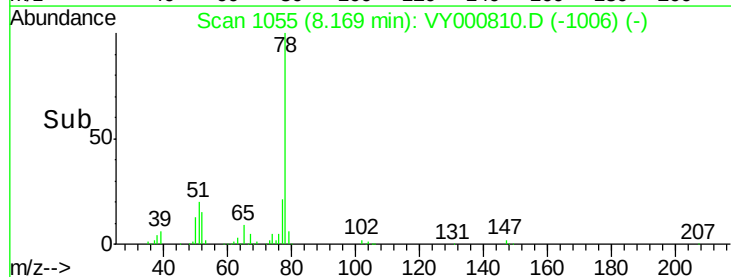
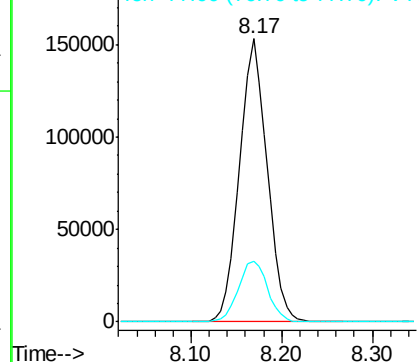


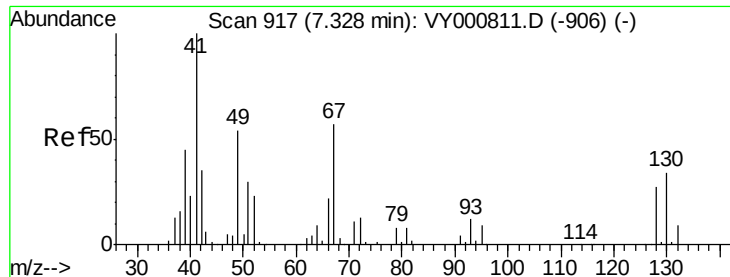
#40
Benzene
Concen: 20.939 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 78 Resp: 323770
Ion Ratio Lower Upper
78 100
77 21.2 19.2 28.8



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

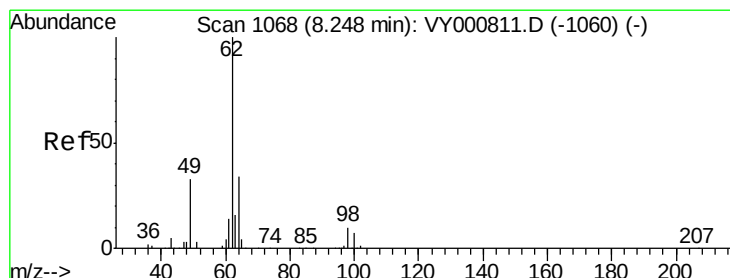
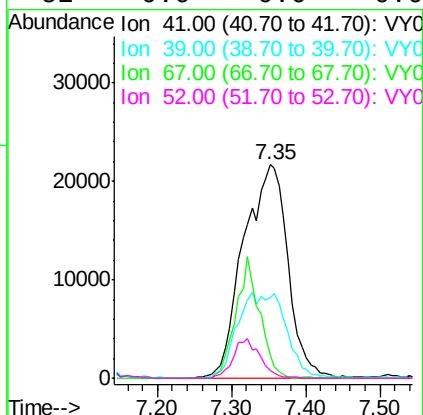
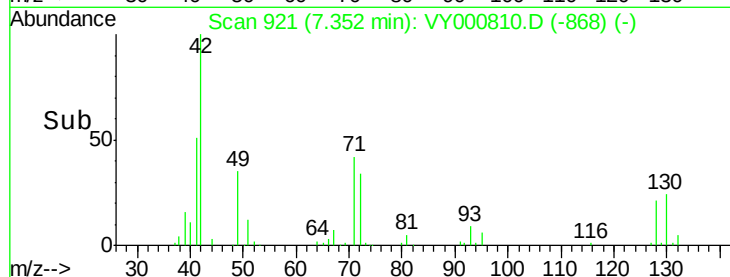
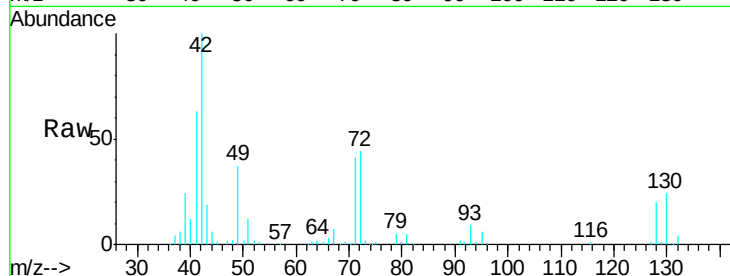




#41
Methacrylonitrile
Concen: 51.789 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

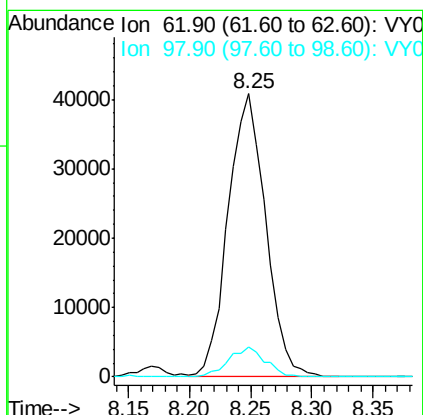
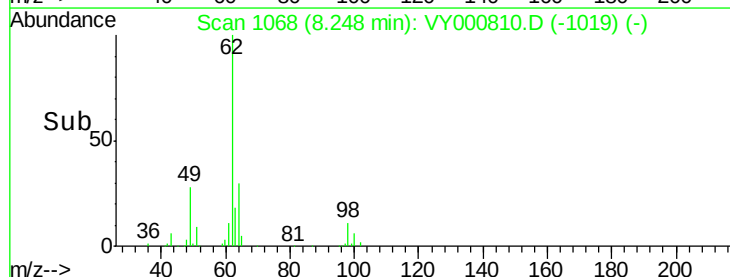
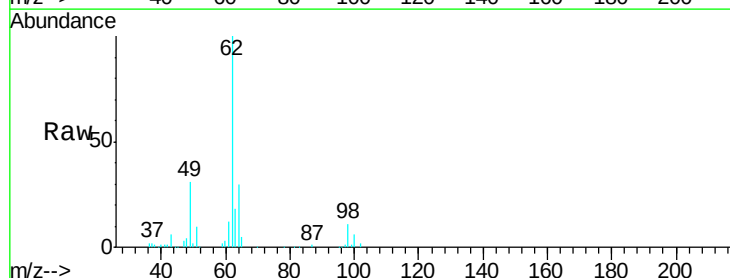
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

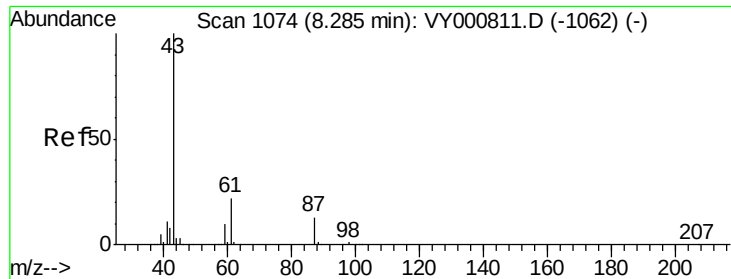
Tgt Ion: 41 Resp: 90072
Ion Ratio Lower Upper
41 100
39 0.0 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.094 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 62 Resp: 86998
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4





#43

Isopropyl Acetate

Concen: 20.772 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

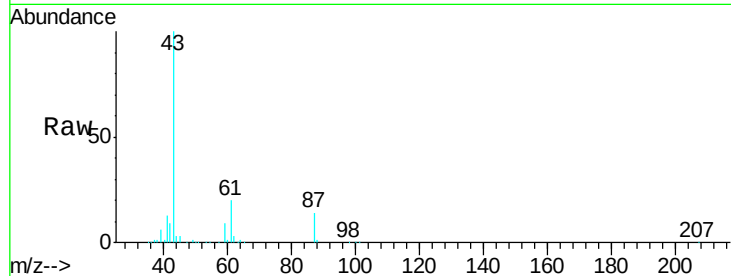
Tgt Ion: 43 Resp: 123067

Ion Ratio Lower Upper

43 100

61 28.3 23.7 35.5

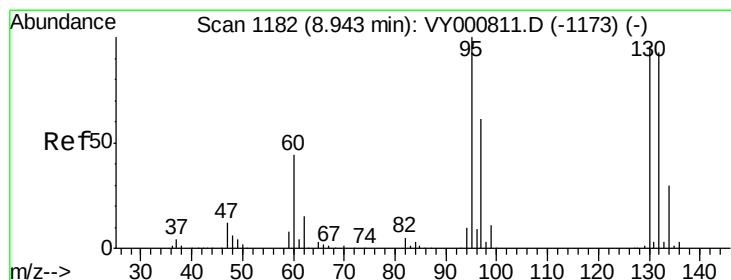
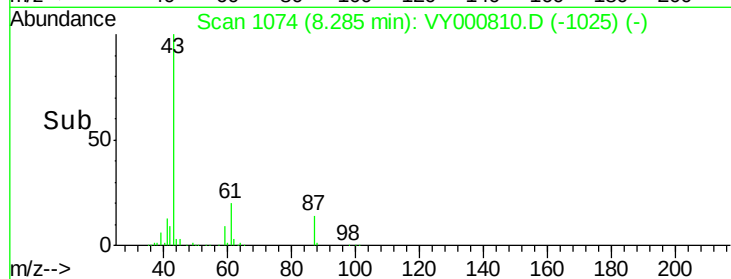
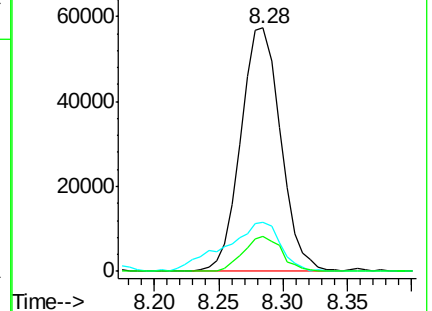
87 13.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 20.539 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000810.D

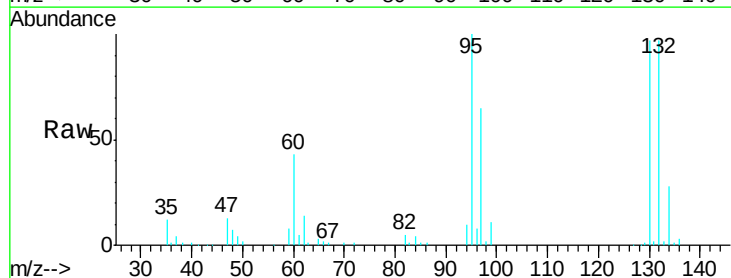
Acq: 27 Nov 2019 11:17

Tgt Ion: 130 Resp: 83435

Ion Ratio Lower Upper

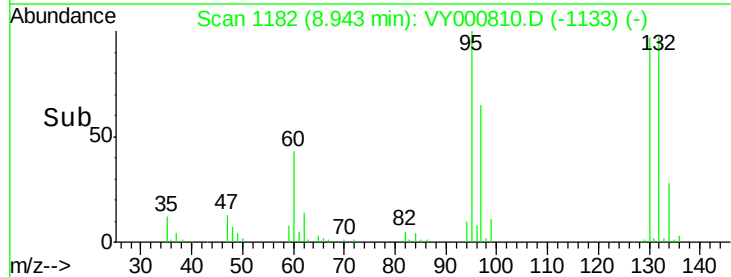
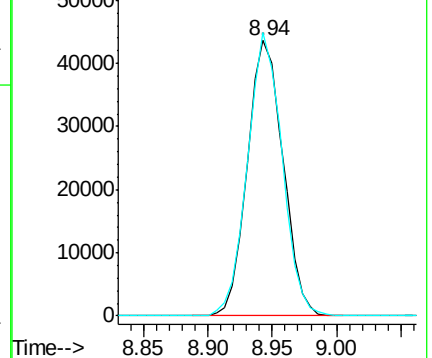
130 100

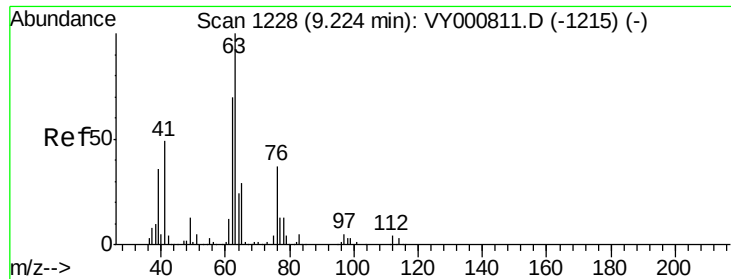
95 102.5 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)

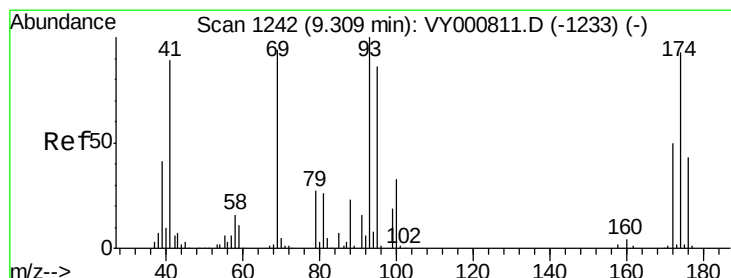
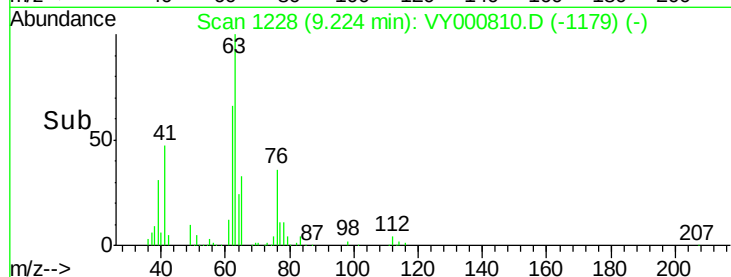
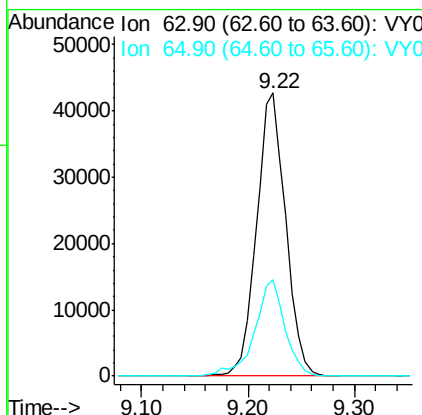
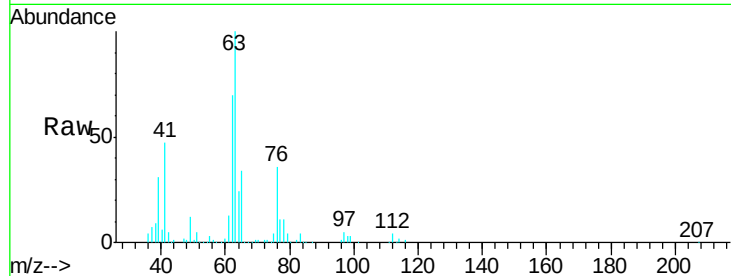




#45
 1,2-Dichloropropane
 Concen: 21.340 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

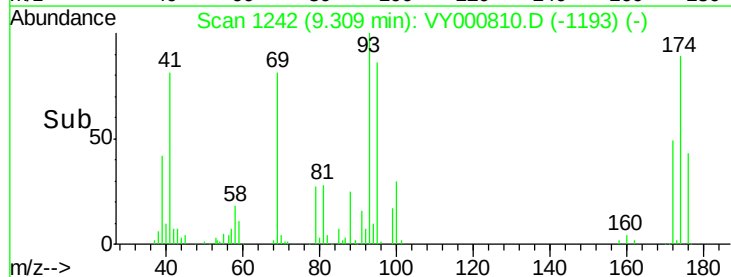
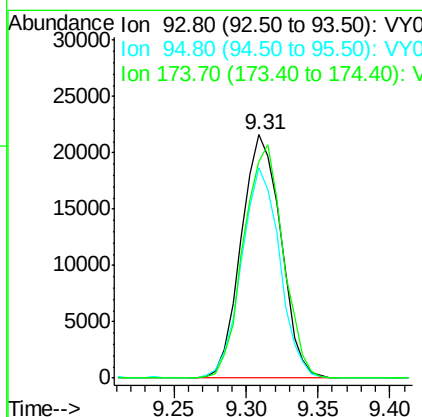
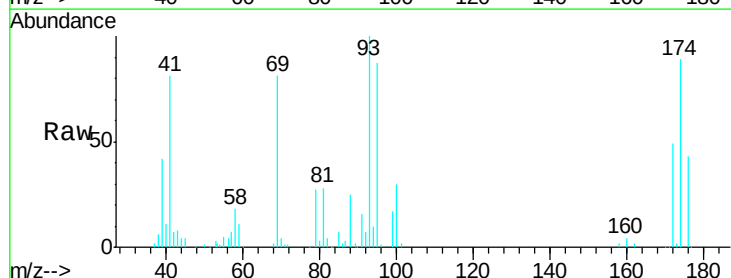
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

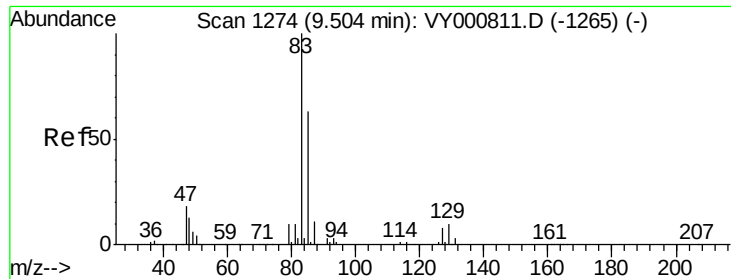
Tgt Ion: 63 Resp: 81768
 Ion Ratio Lower Upper
 63 100
 65 33.9 23.2 34.8



#46
 Dibromomethane
 Concen: 19.724 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 93 Resp: 41238
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 95.3 73.0 109.6

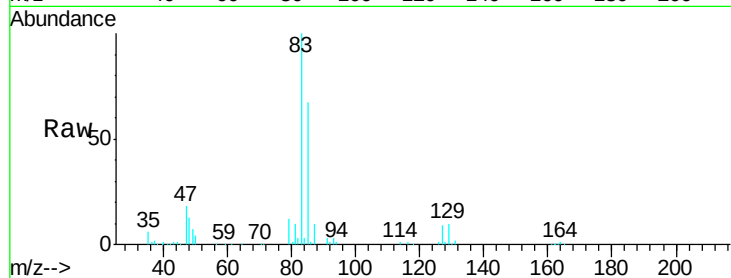




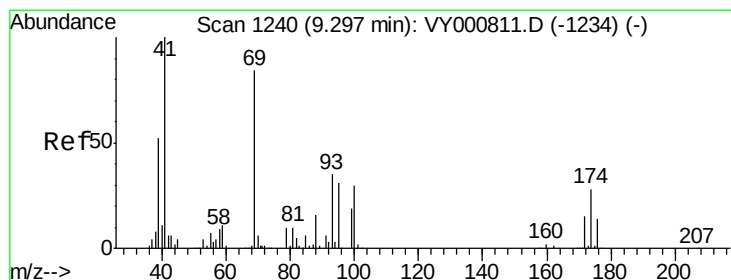
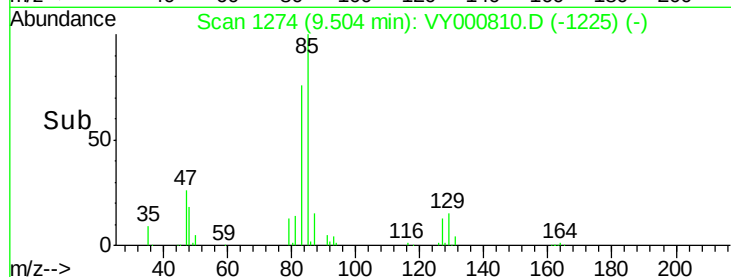
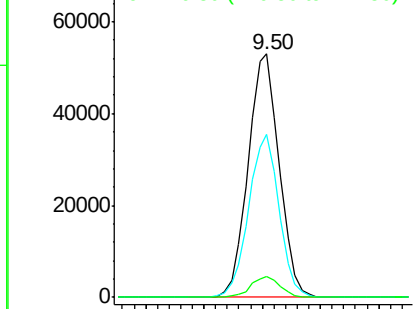
#47
Bromodichloromethane
Concen: 20.012 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 98674
Ion Ratio Lower Upper
83 100
85 67.0 50.8 76.2
127 8.8 6.6 10.0

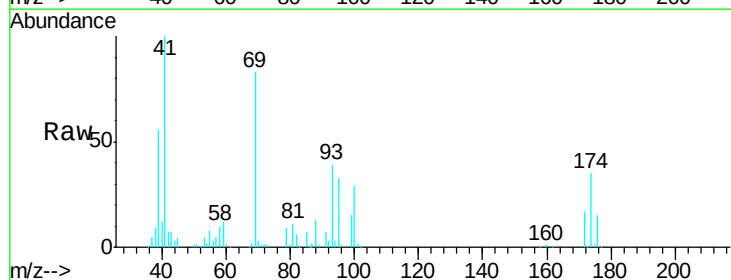


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

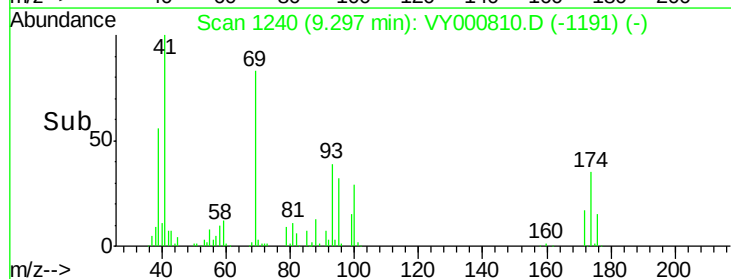
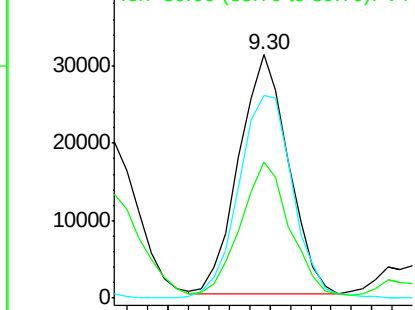


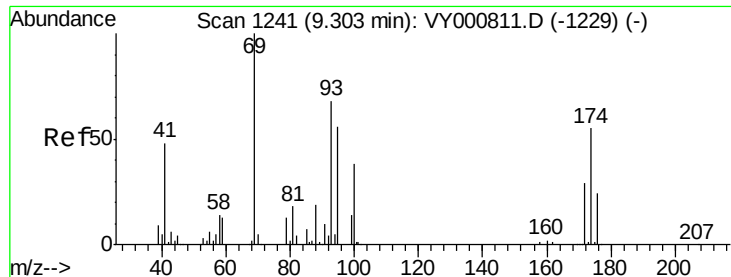
#48
Methyl methacrylate
Concen: 19.982 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 41 Resp: 52183
Ion Ratio Lower Upper
41 100
69 92.5 70.4 105.6
39 57.9 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

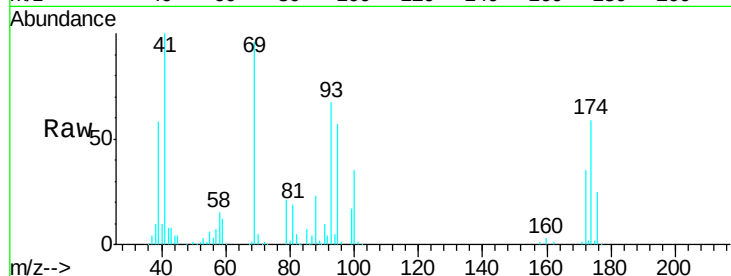




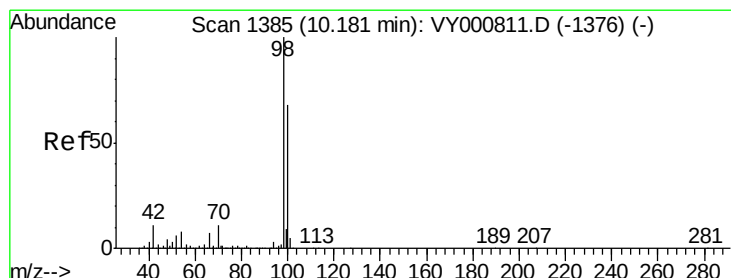
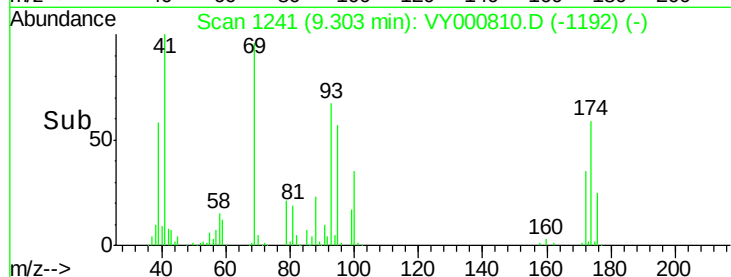
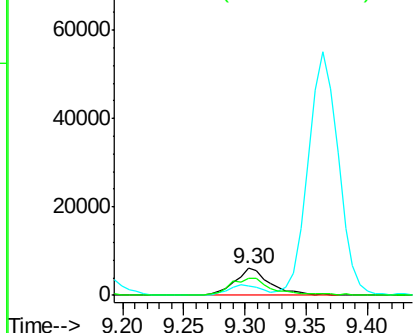
#49
1,4-Dioxane
Concen: 428.768 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 12282
Ion Ratio Lower Upper
88 100
43 35.9 21.1 31.7#
58 76.8 50.7 76.1#

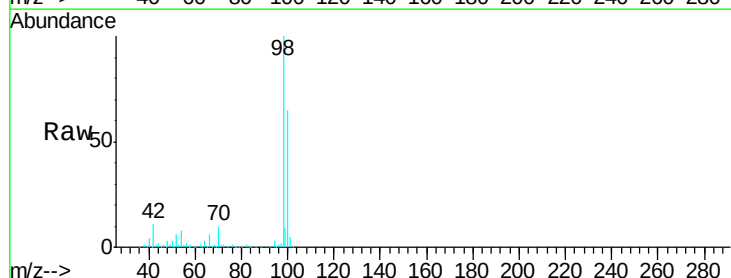


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

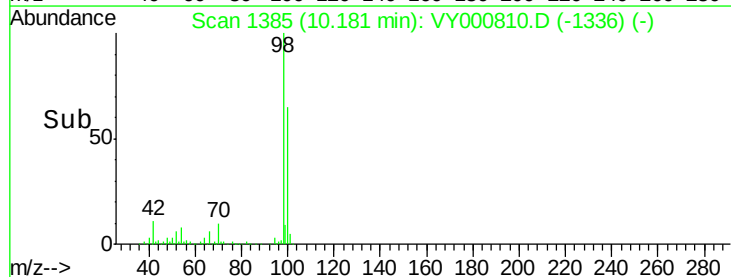
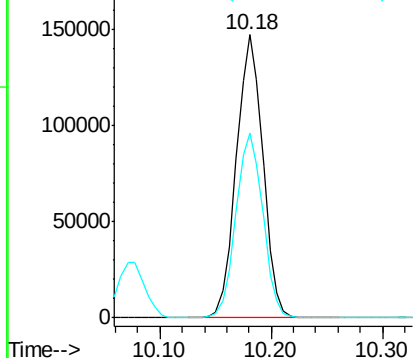


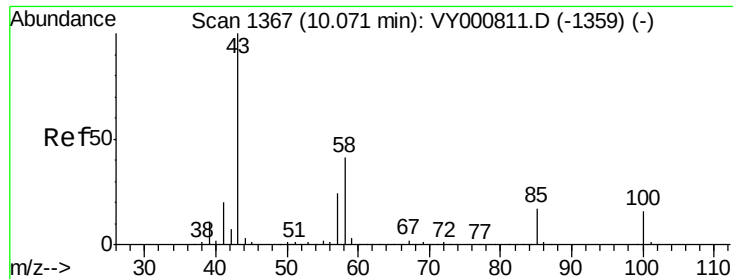
#50
Toluene-d8
Concen: 19.988 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 98 Resp: 243050
Ion Ratio Lower Upper
98 100
100 66.1 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: 105.021 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

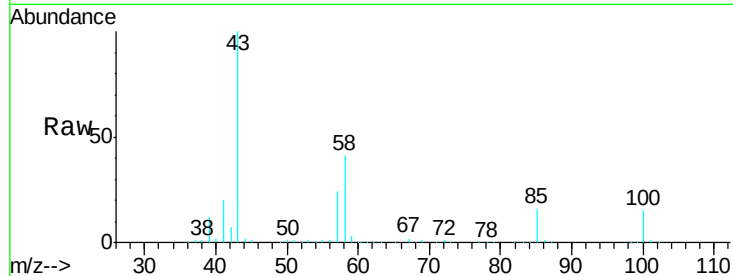
VSTDIC020

Tgt Ion: 43 Resp: 328755

Ion Ratio Lower Upper

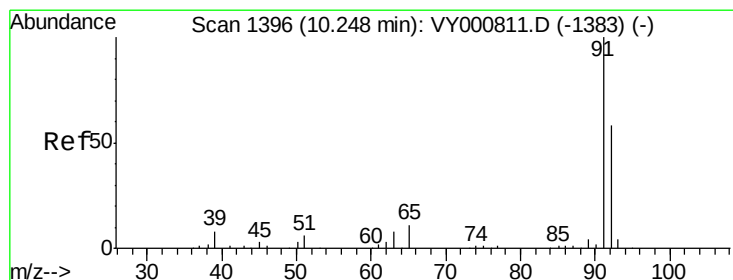
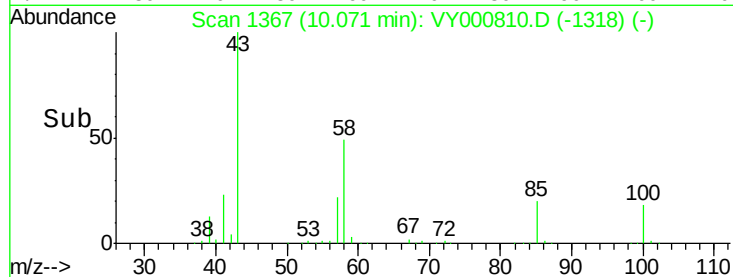
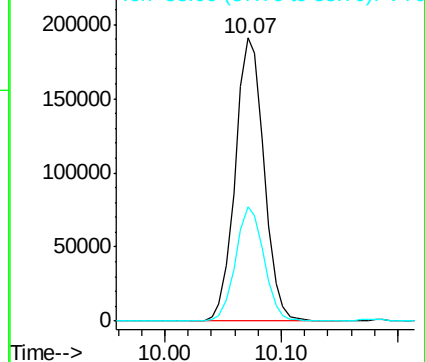
43 100

58 39.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.807 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000810.D

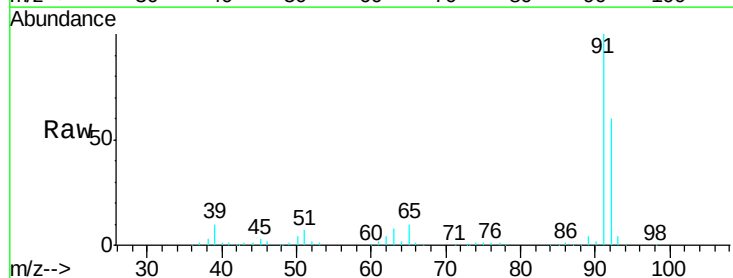
Acq: 27 Nov 2019 11:17

Tgt Ion: 92 Resp: 202975

Ion Ratio Lower Upper

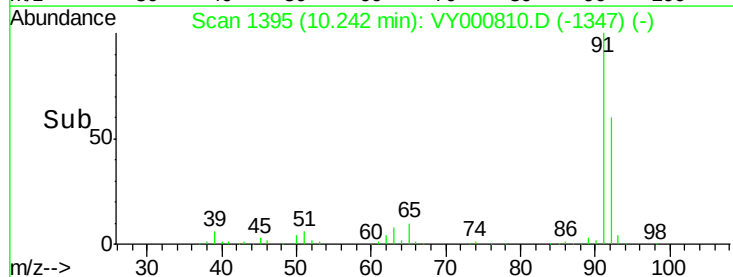
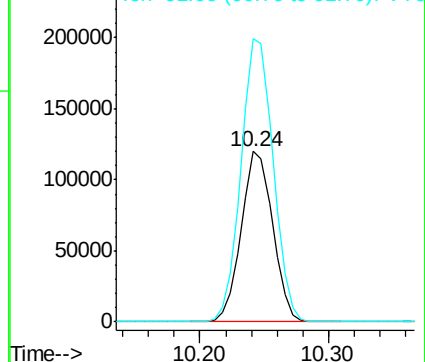
92 100

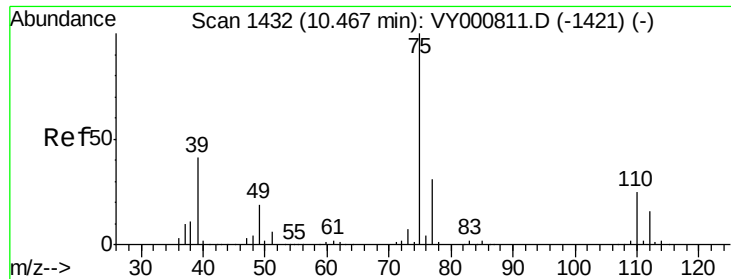
91 169.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.417 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

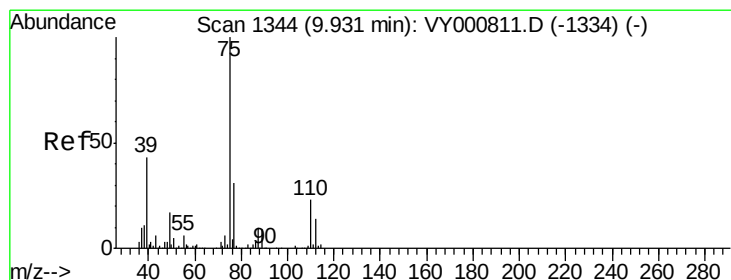
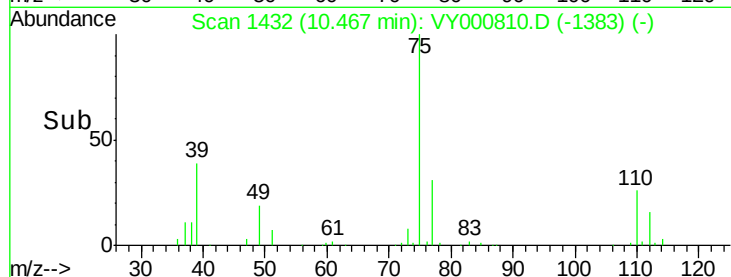
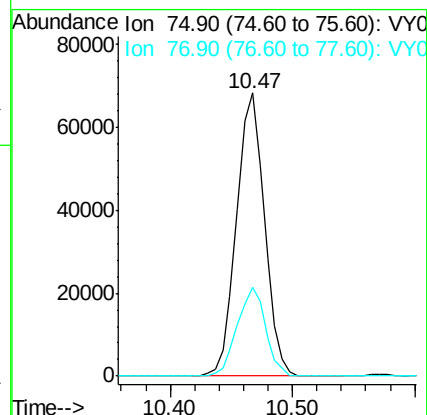
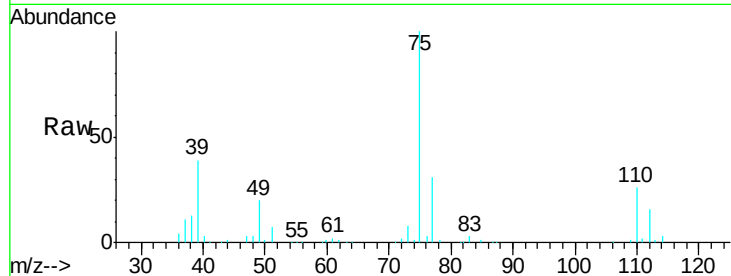
VSTDIC020

Tgt Ion: 75 Resp: 107866

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.921 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

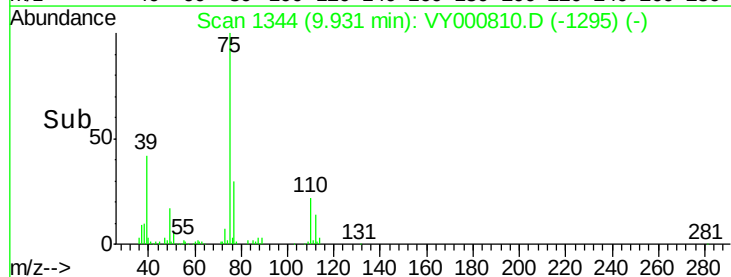
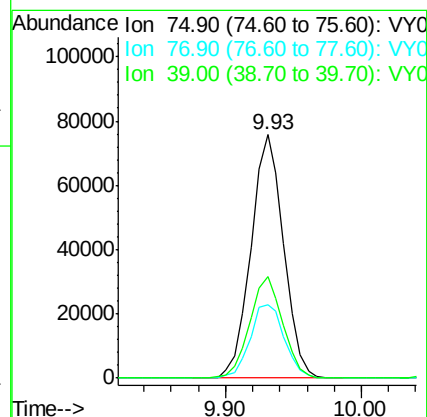
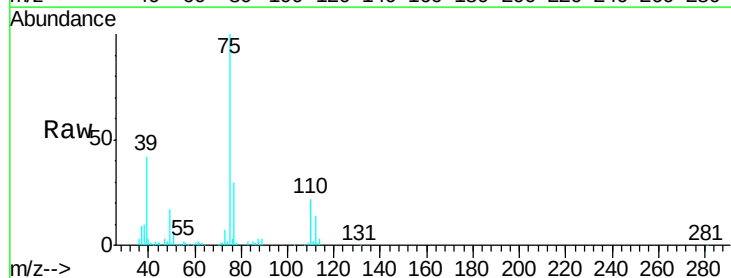
Tgt Ion: 75 Resp: 127112

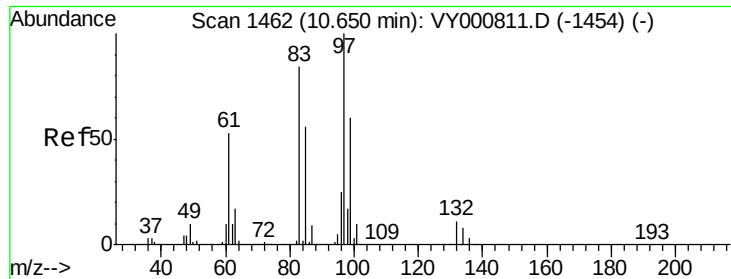
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 41.7 34.5 51.7

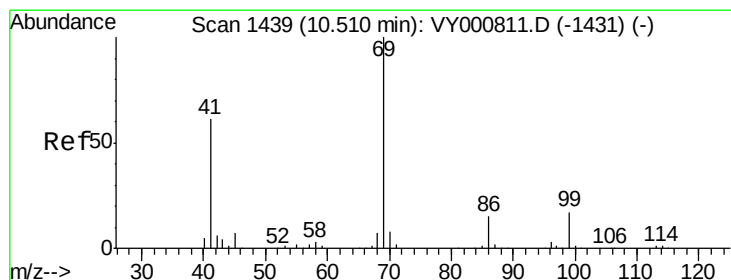
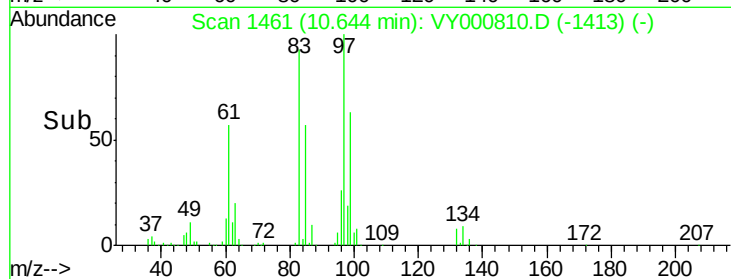
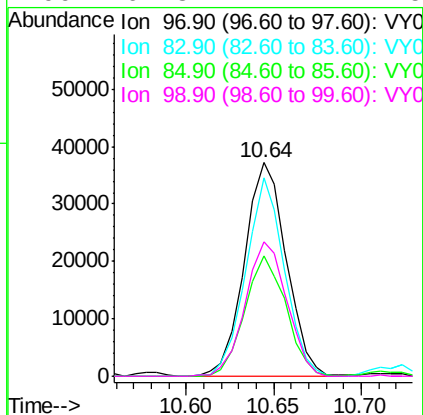
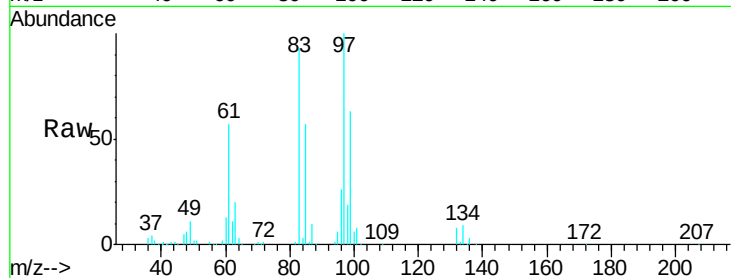




#55
1,1,2-Trichloroethane
Concen: 20.410 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

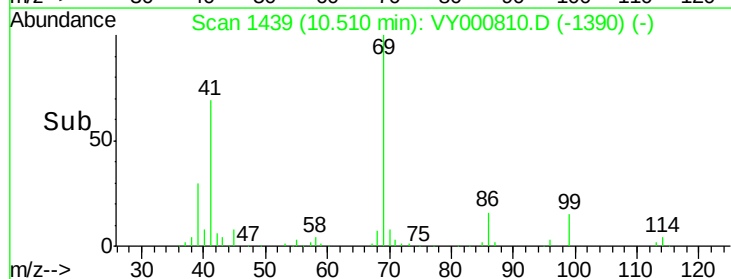
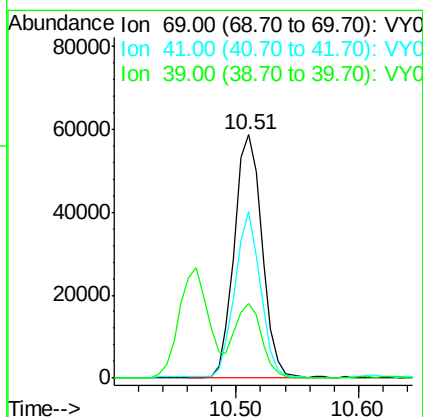
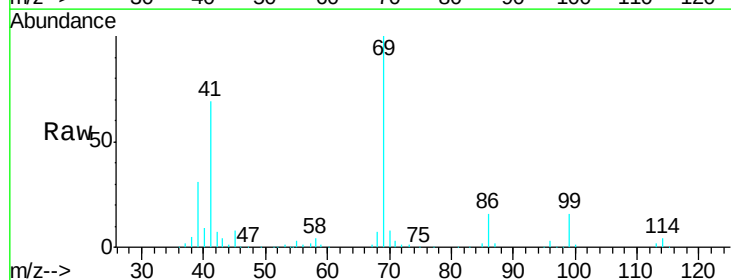
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

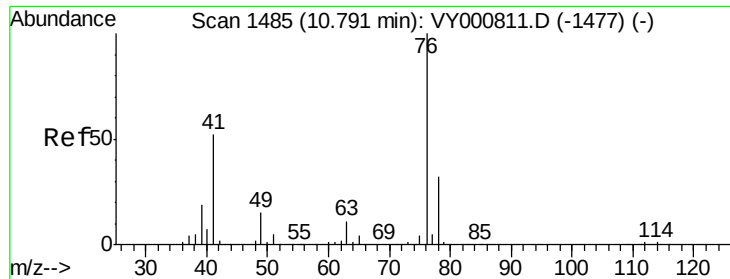
Tgt Ion:	97	Resp:	61847
Ion	Ratio	Lower	Upper
97	100		
83	93.1	67.5	101.3
85	56.5	44.5	66.7
99	62.8	47.7	71.5



#56
Ethyl methacrylate
Concen: 21.337 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion:	69	Resp:	92165
Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.0	73.6
39	28.6	23.1	34.7





#57

1,3-Dichloropropane

Concen: 21.116 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

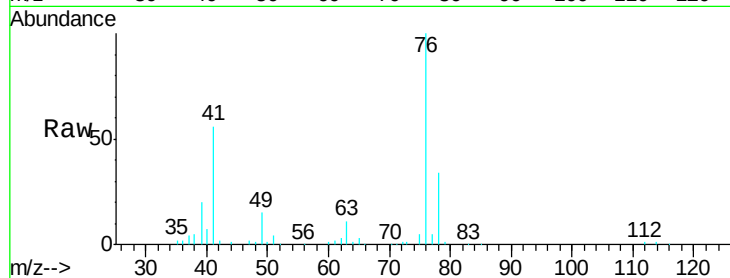
VSTDIC020

Tgt Ion: 76 Resp: 111901

Ion Ratio Lower Upper

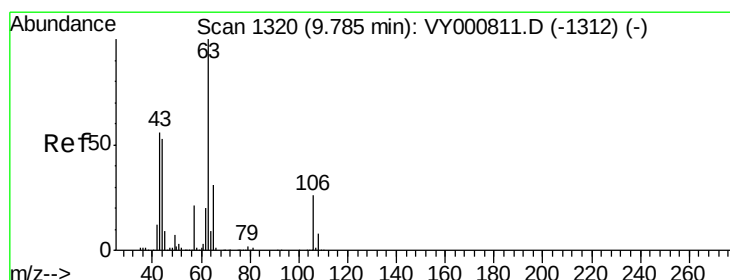
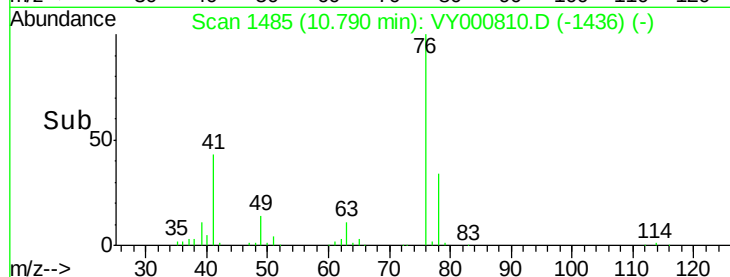
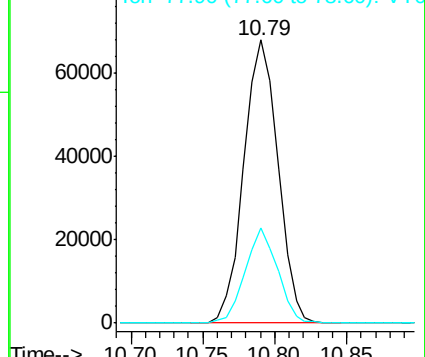
76 100

78 31.9 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: 98.657 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000810.D

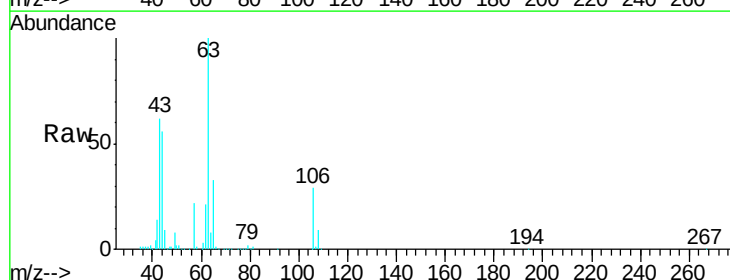
Acq: 27 Nov 2019 11:17

Tgt Ion: 63 Resp: 184831

Ion Ratio Lower Upper

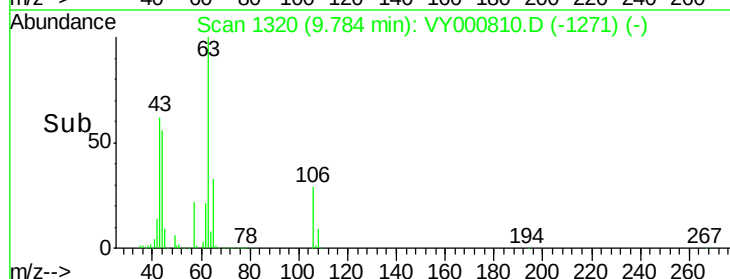
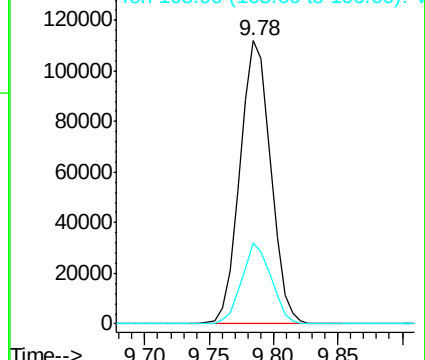
63 100

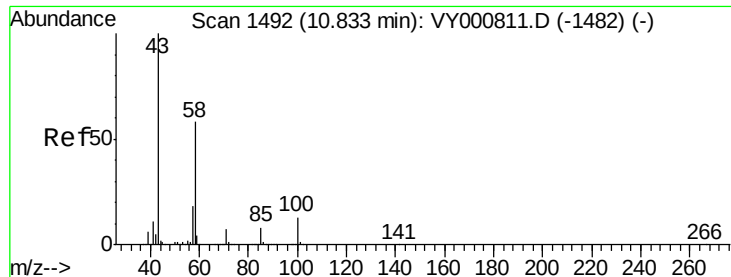
106 27.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

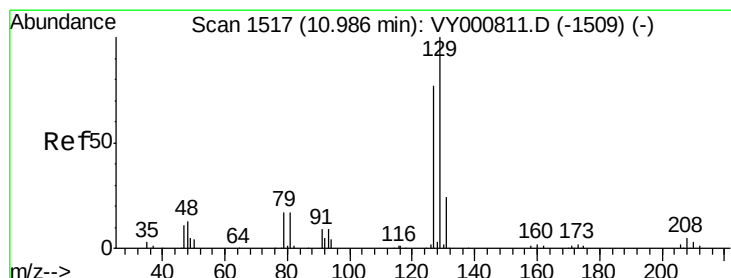
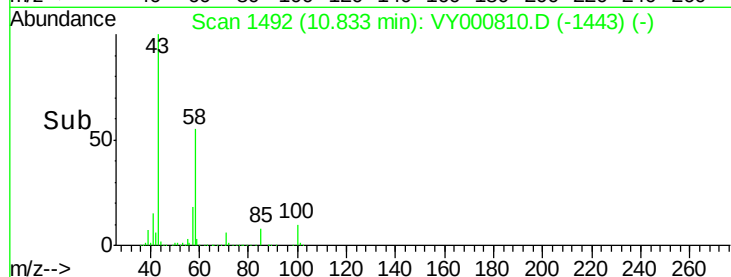
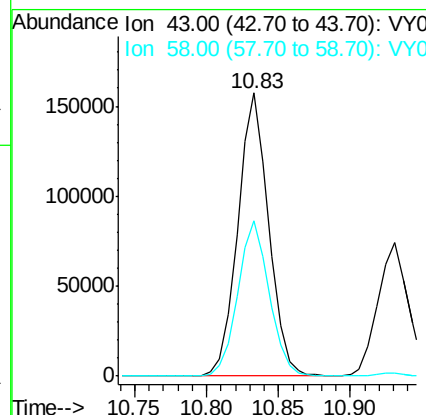
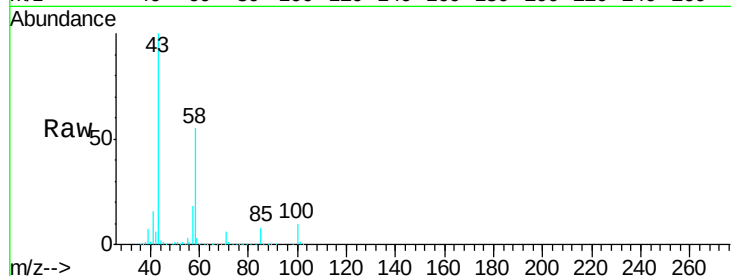




#59
2-Hexanone
Concen: 102.252 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

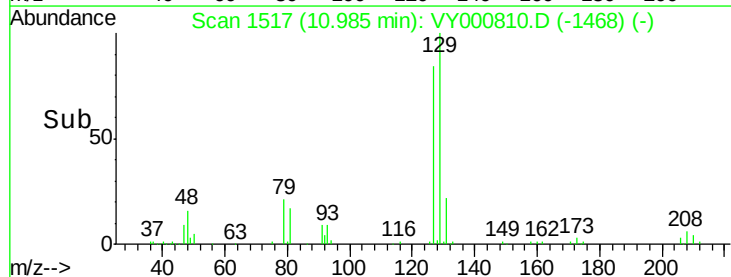
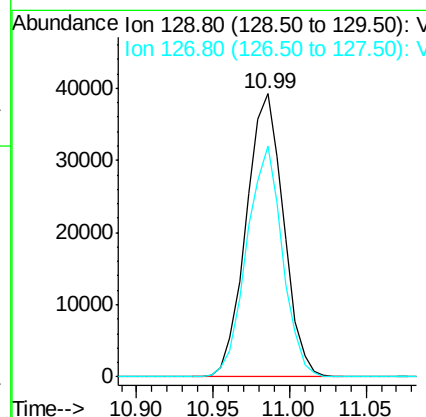
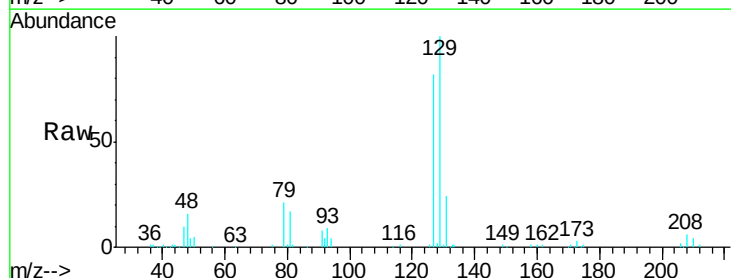
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

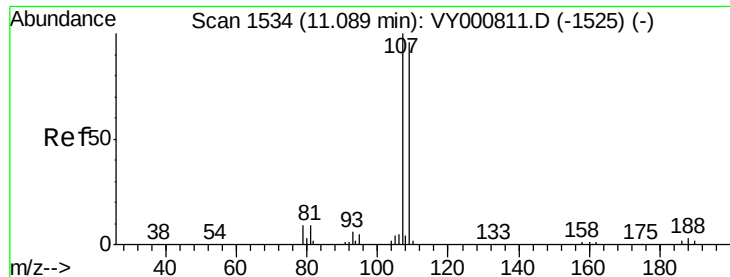
Tgt Ion: 43 Resp: 234364
Ion Ratio Lower Upper
43 100
58 56.1 29.0 87.1



#60
Dibromochloromethane
Concen: 19.347 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 129 Resp: 66464
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2

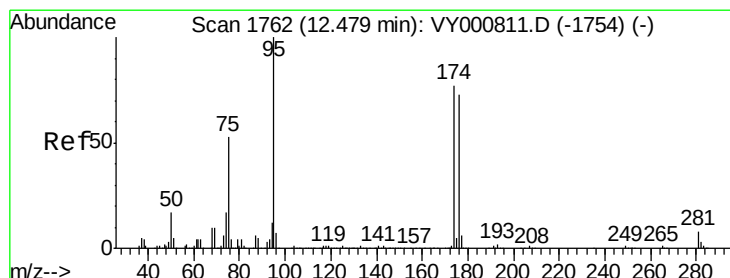
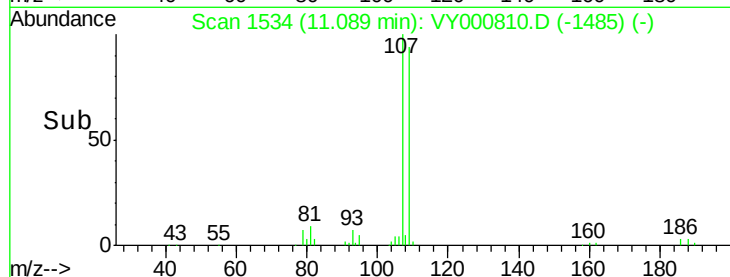
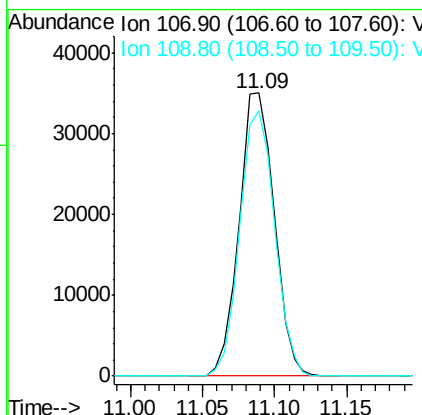
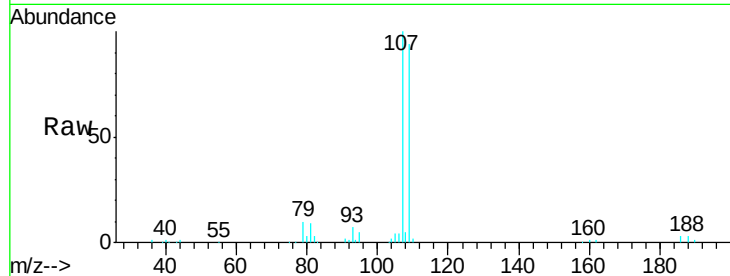




#61
 1,2-Dibromoethane
 Concen: 20.443 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

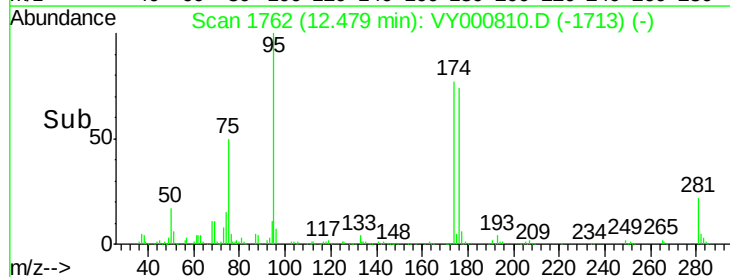
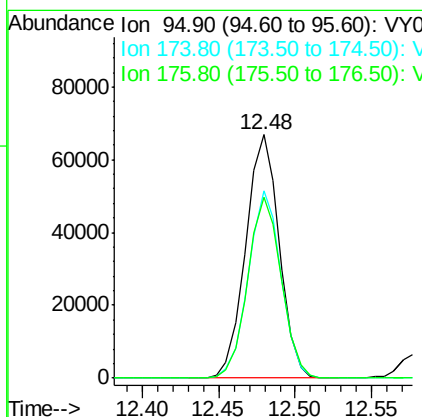
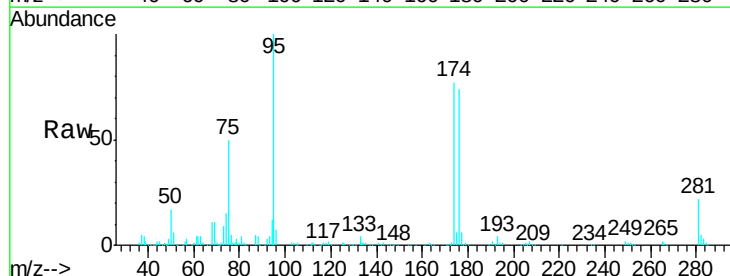
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

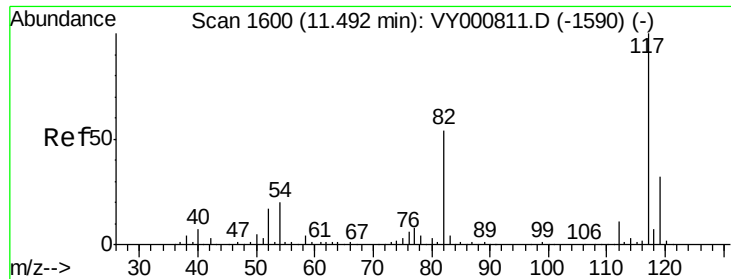
Tgt Ion: 107 Resp: 59408
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 22.007 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 95 Resp: 101584
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 150.6
 176 74.4 0.0 145.2

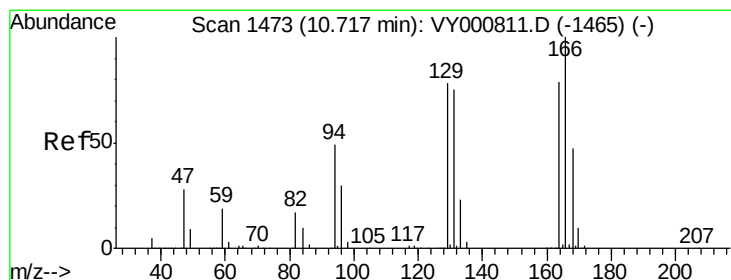
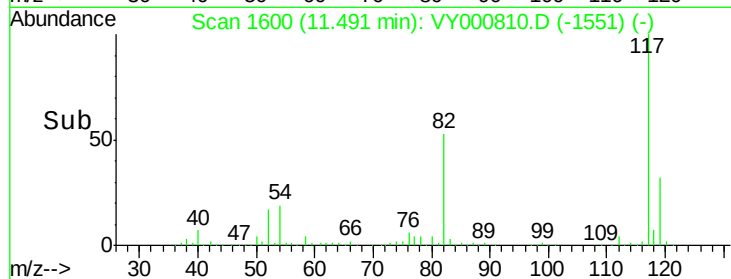
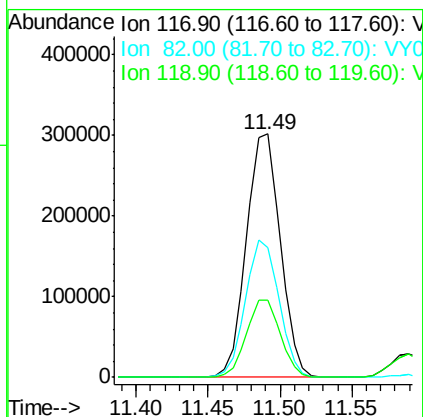
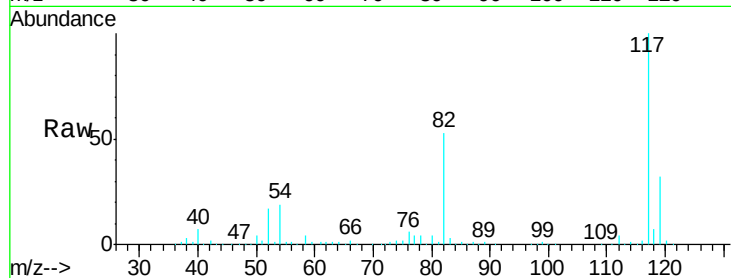




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

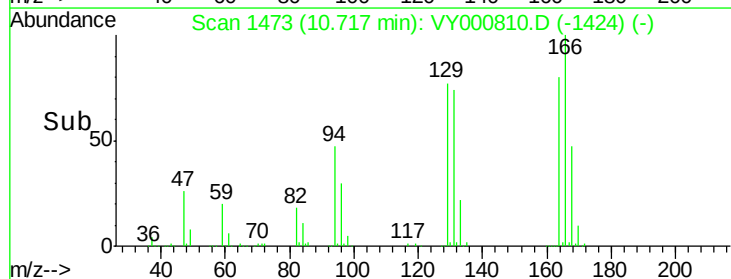
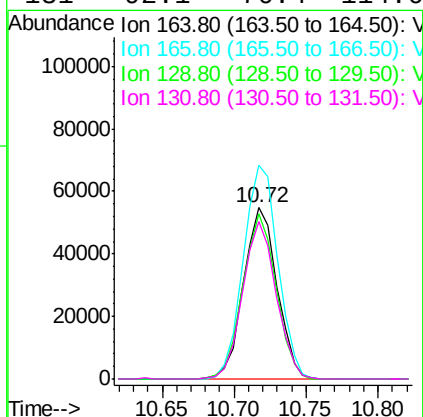
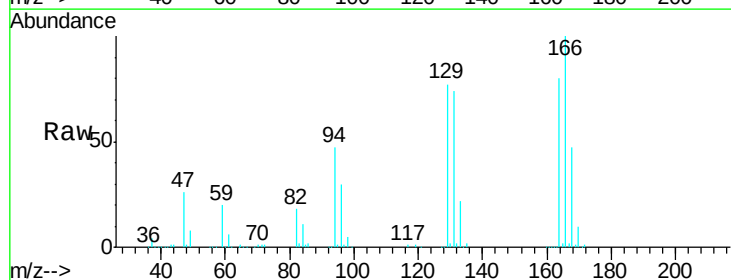
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

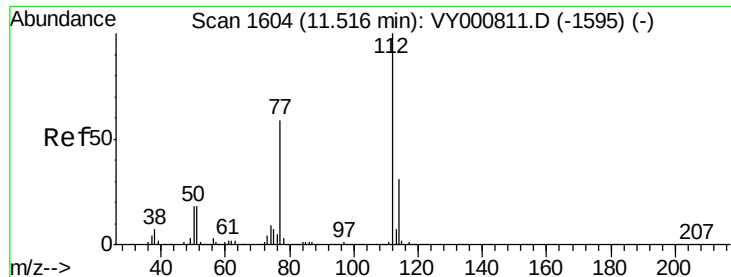
Tgt Ion:117 Resp: 491485
Ion Ratio Lower Upper
117 100
82 53.2 43.1 64.7
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 21.419 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion:164 Resp: 88033
Ion Ratio Lower Upper
164 100
166 124.6 101.8 152.8
129 96.1 79.3 118.9
131 92.1 76.4 114.6

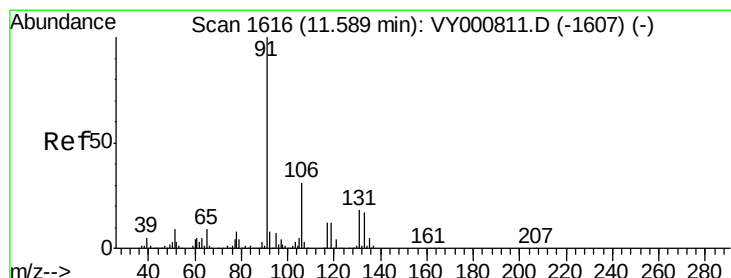
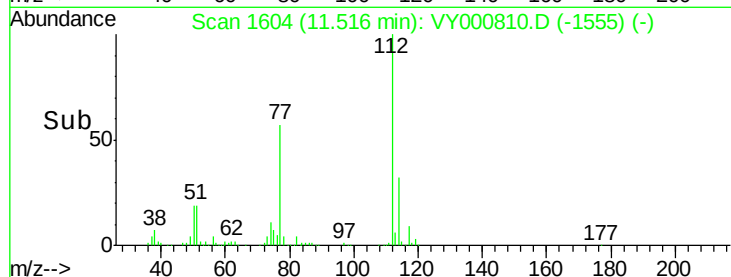
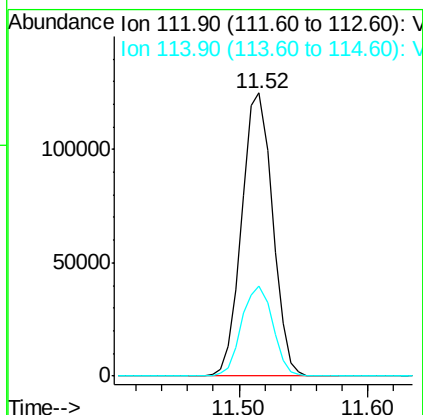
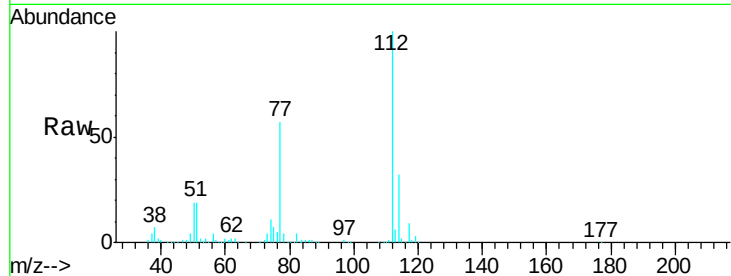




#65
Chlorobenzene
Concen: 20.504 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

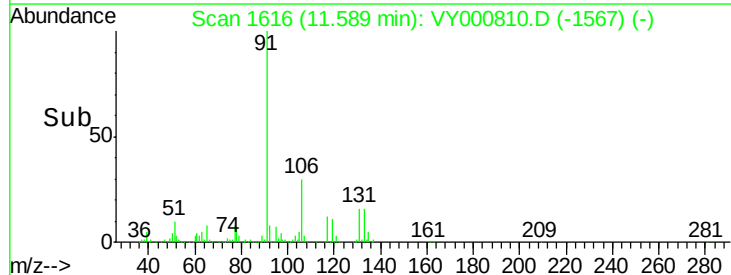
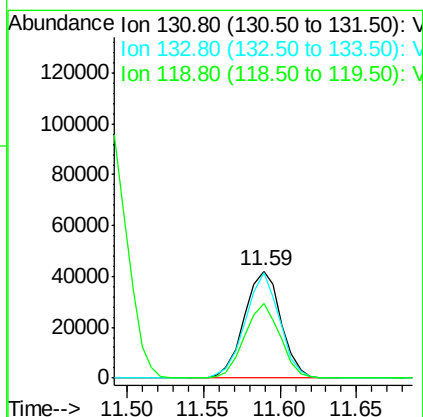
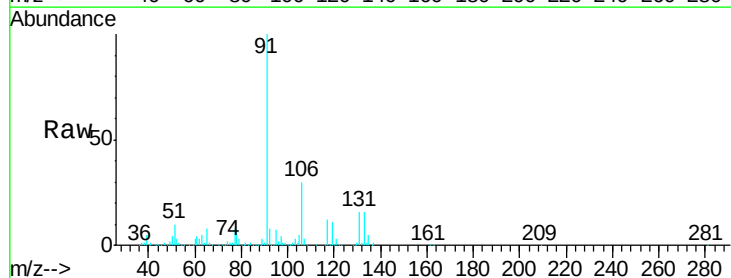
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

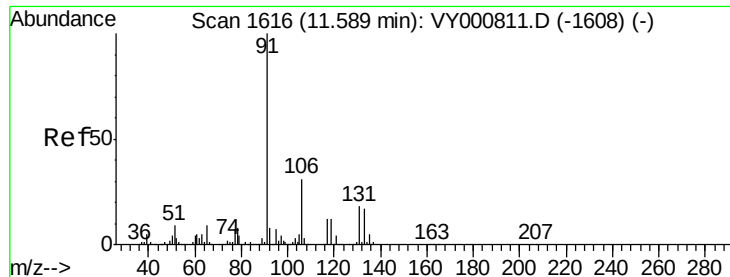
Tgt Ion:112 Resp: 206761
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.205 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion:131 Resp: 70096
Ion Ratio Lower Upper
131 100
133 92.5 47.4 142.2
119 67.4 33.8 101.3





#67

Ethyl Benzene

Concen: 21.207 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

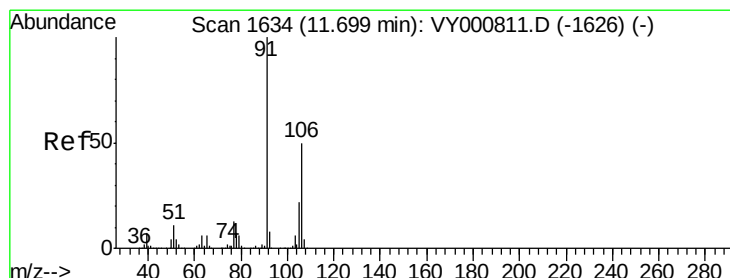
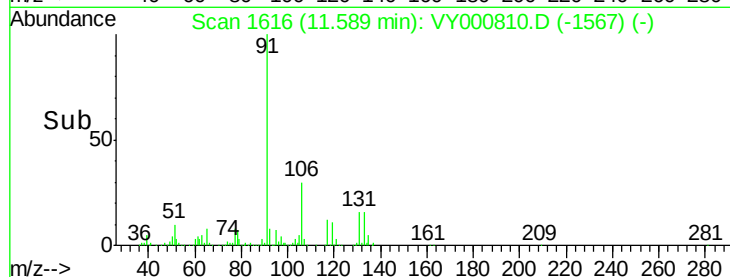
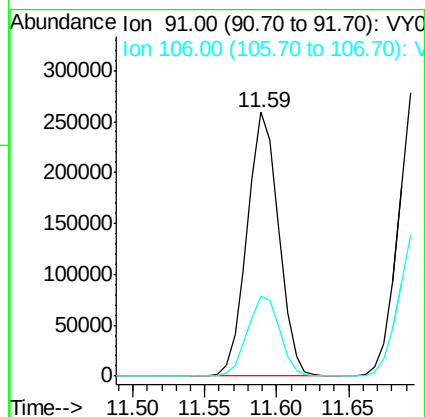
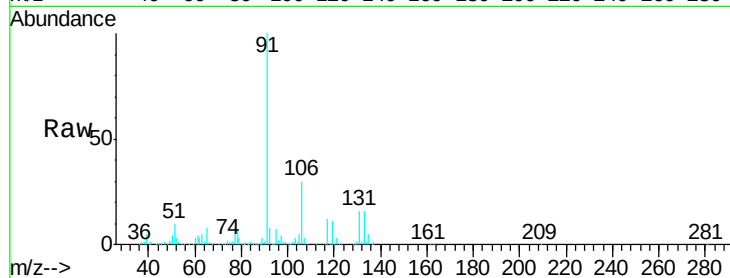
VSTDIC020

Tgt Ion: 91 Resp: 392519

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 41.138 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000810.D

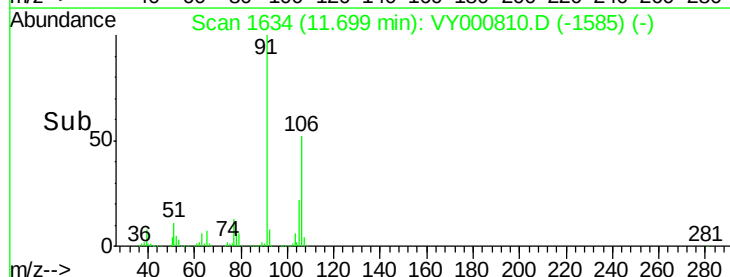
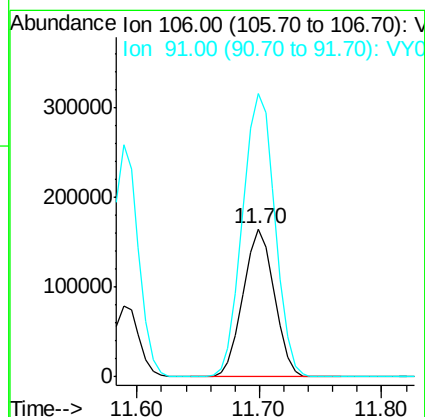
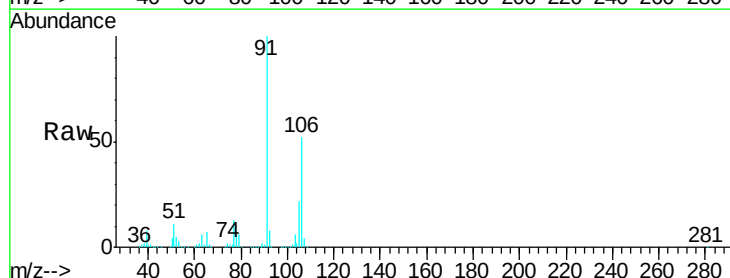
Acq: 27 Nov 2019 11:17

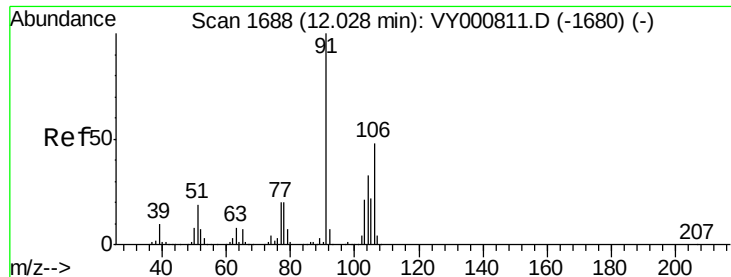
Tgt Ion: 106 Resp: 292625

Ion Ratio Lower Upper

106 100

91 199.0 159.6 239.4

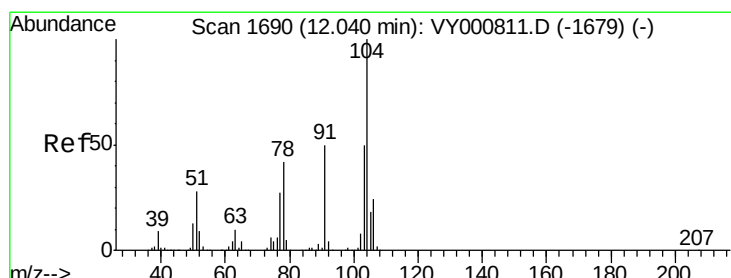
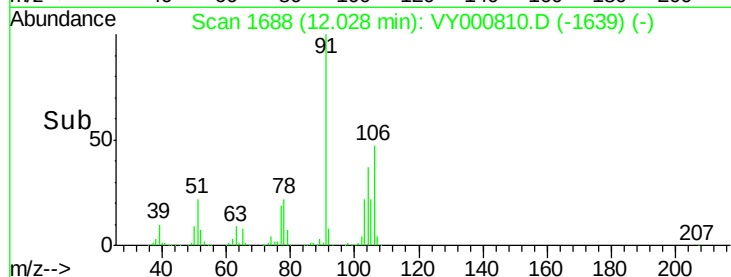
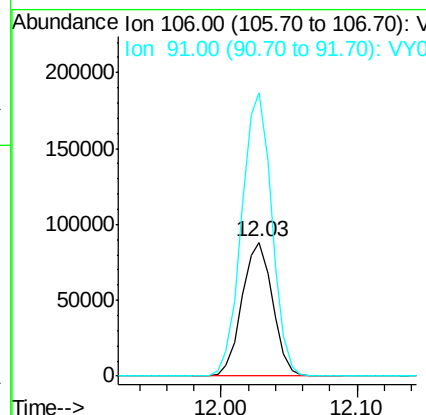
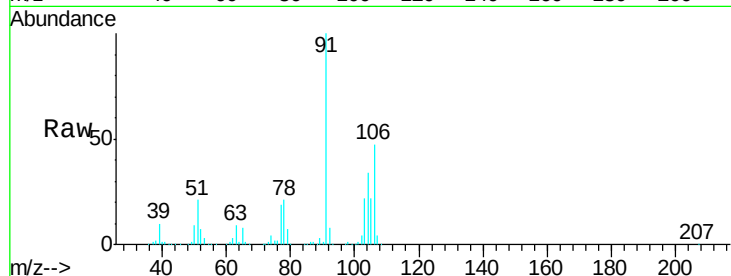




#69
o-Xylene
Concen: 20.563 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

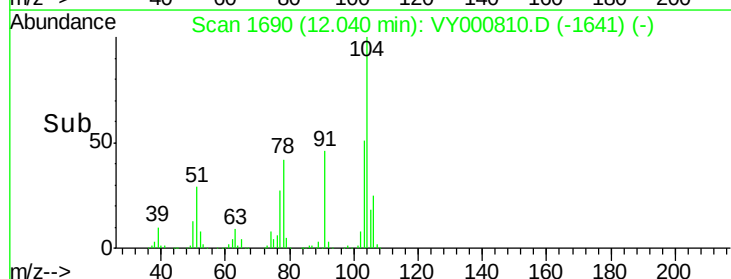
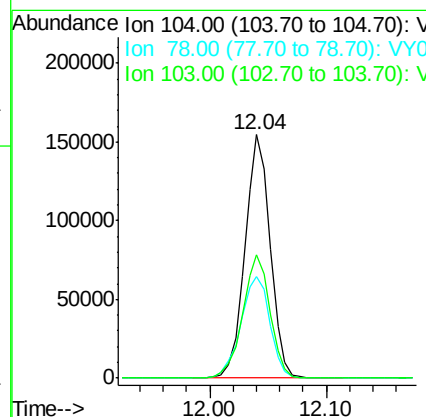
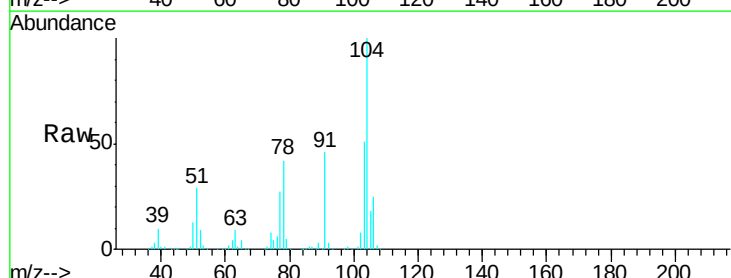
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

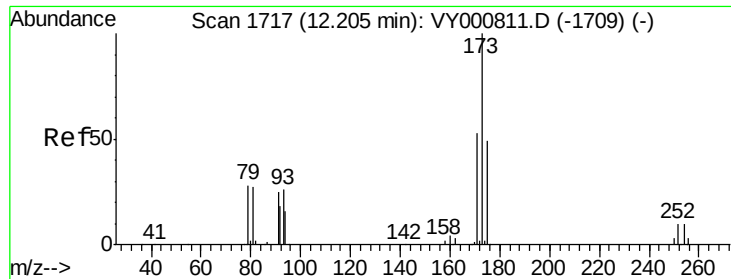
Tgt Ion:106 Resp: 138140
Ion Ratio Lower Upper
106 100
91 208.8 106.1 318.1



#70
Styrene
Concen: 20.268 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion:104 Resp: 232653
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.4
103 54.8 43.4 65.0





#71

Bromoform

Concen: 19.602 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

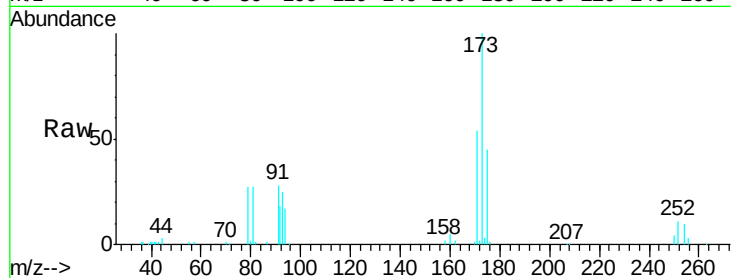
Tgt Ion:173 Resp: 39158

Ion Ratio Lower Upper

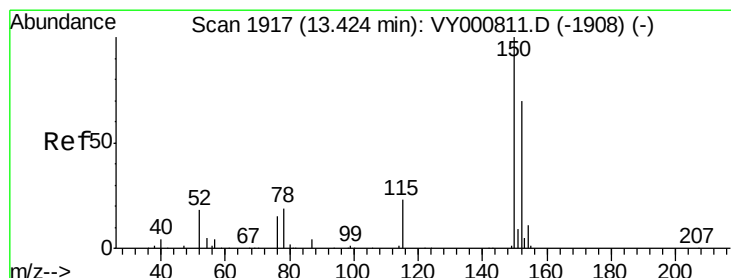
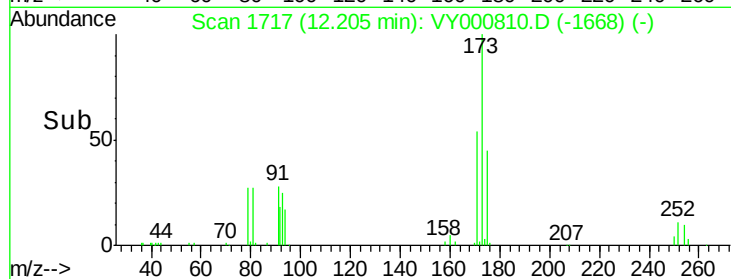
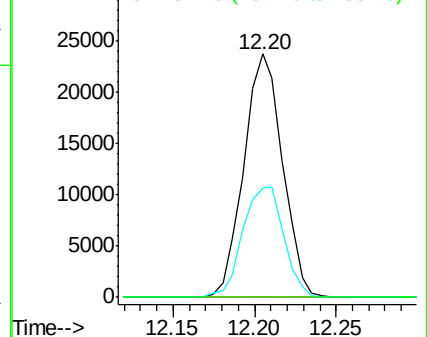
173 100

175 47.8 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: VY000810.D

Acq: 27 Nov 2019 11:17

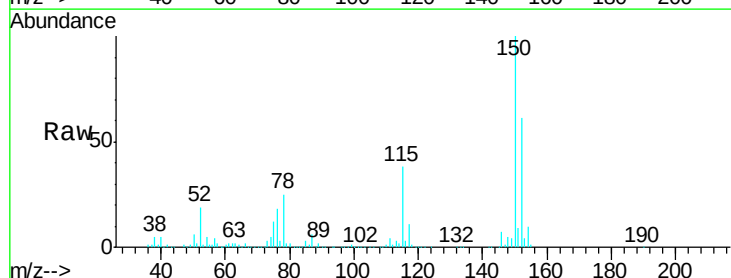
Tgt Ion:152 Resp: 231910

Ion Ratio Lower Upper

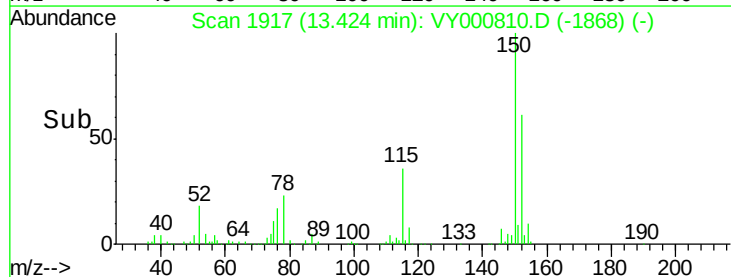
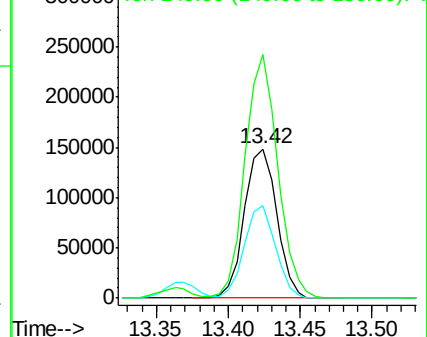
152 100

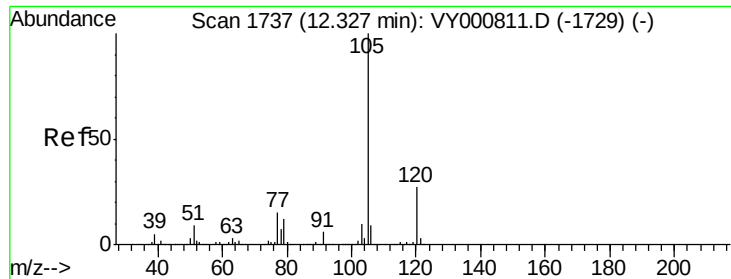
115 60.0 29.3 87.8

150 164.5 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

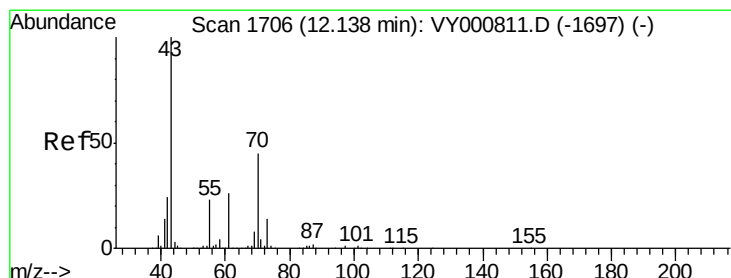
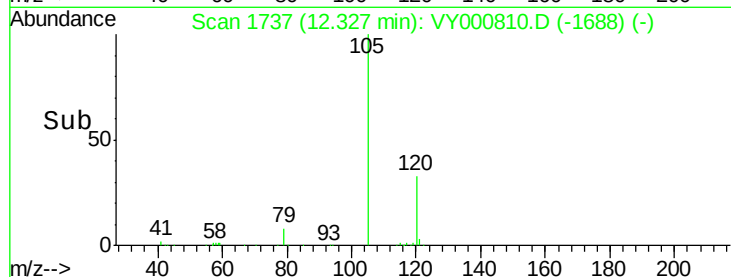
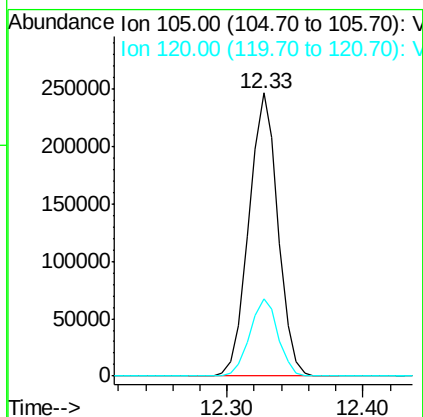
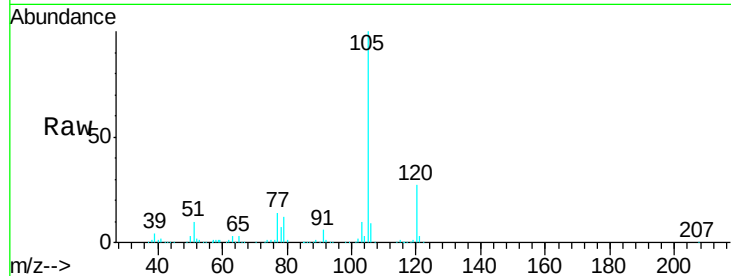




#73
Isopropylbenzene
Concen: 21.088 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

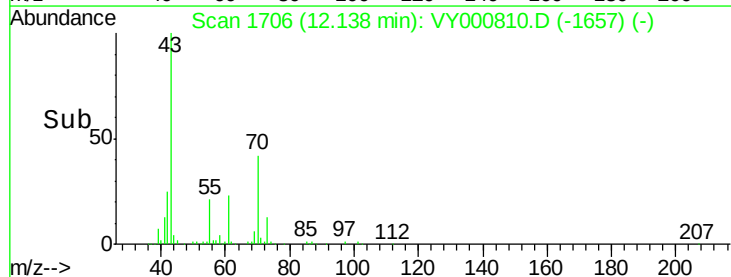
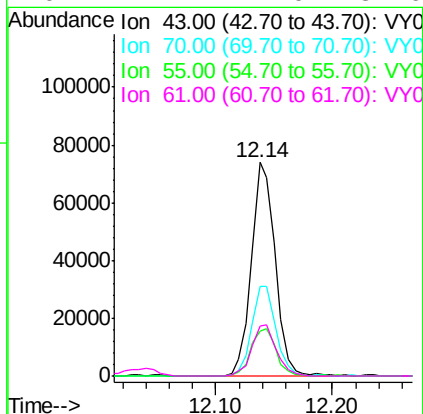
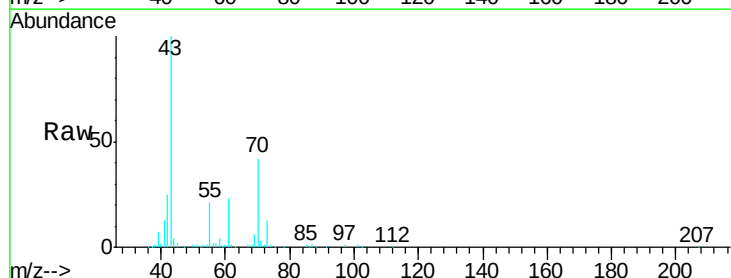
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

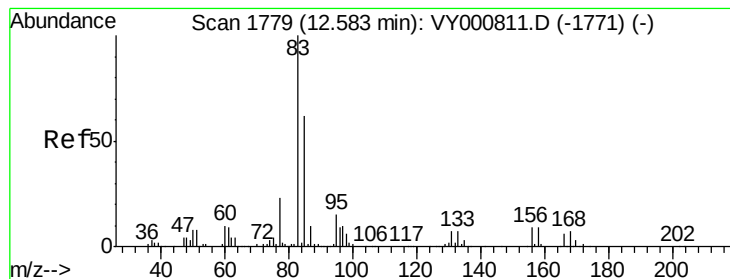
Tgt Ion: 105 Resp: 368361
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 21.106 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 43 Resp: 105627
Ion Ratio Lower Upper
43 100
70 42.5 36.6 54.8
55 23.2 18.8 28.2
61 24.7 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.259 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

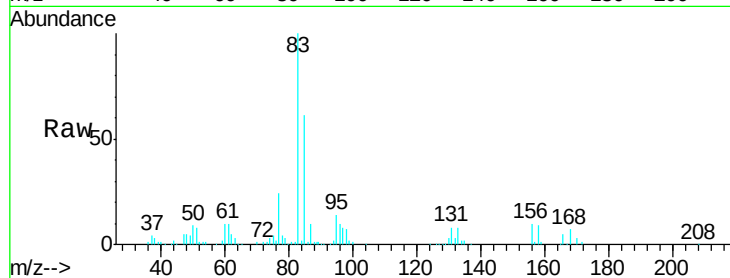
Tgt Ion: 83 Resp: 74393

Ion Ratio Lower Upper

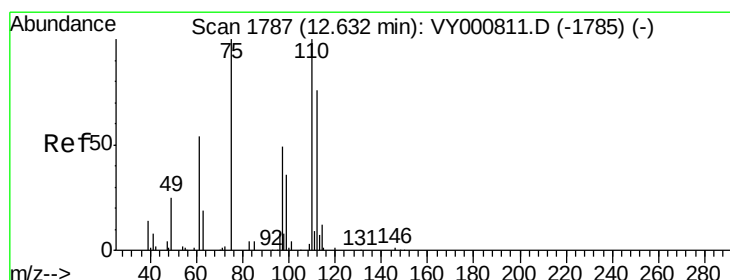
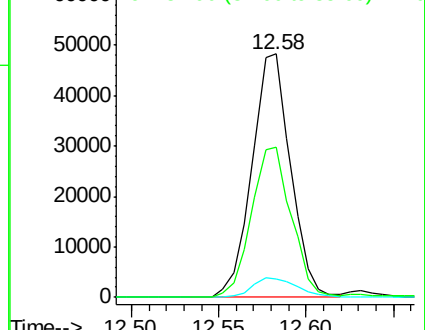
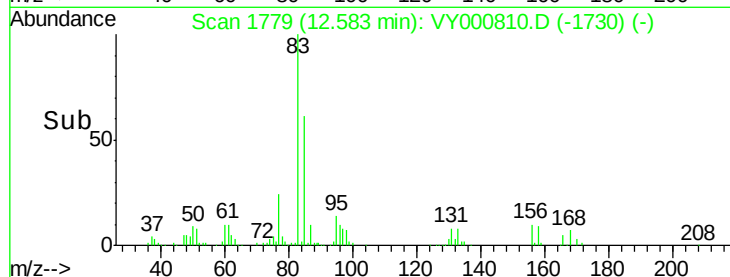
83 100

131 9.3 4.3 13.1

85 63.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY000810.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 39.675 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000810.D

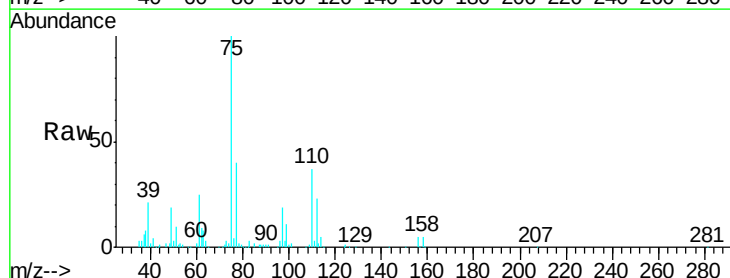
Acq: 27 Nov 2019 11:17

Tgt Ion: 75 Resp: 103362

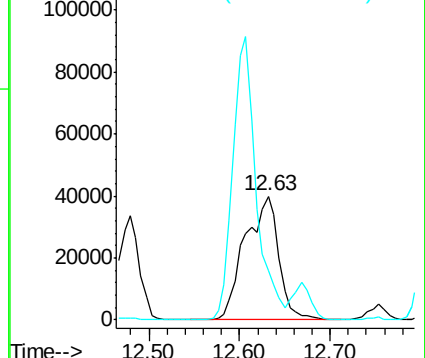
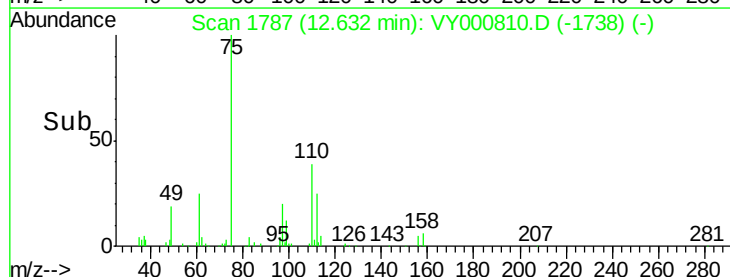
Ion Ratio Lower Upper

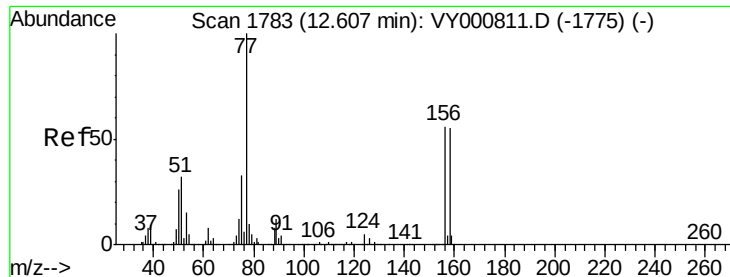
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000810.D (-1738) (-)

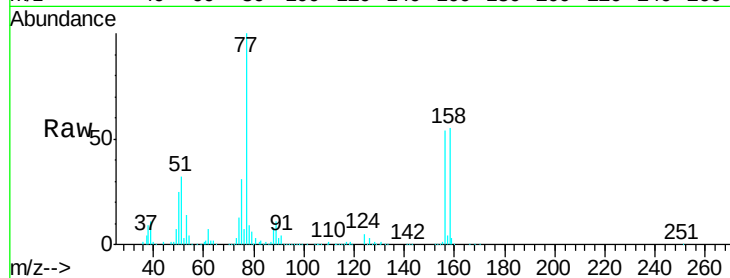




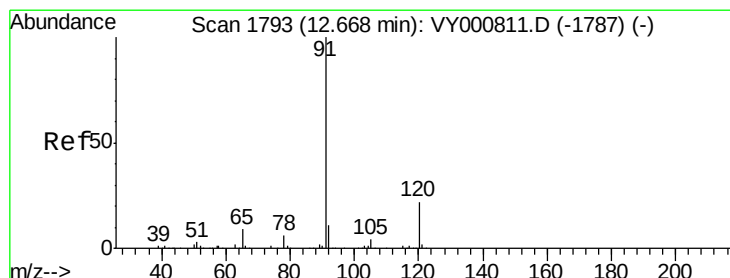
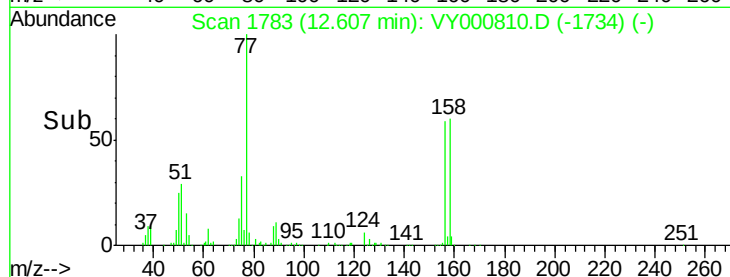
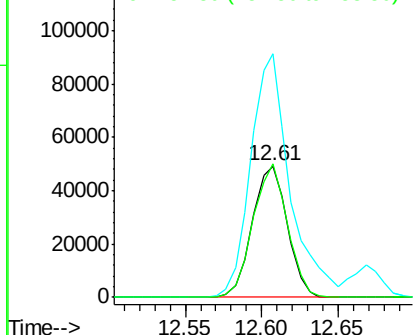
#77
Bromobenzene
Concen: 19.873 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 78490
Ion Ratio Lower Upper
156 100
77 207.9 102.6 307.7
158 99.6 47.6 142.8

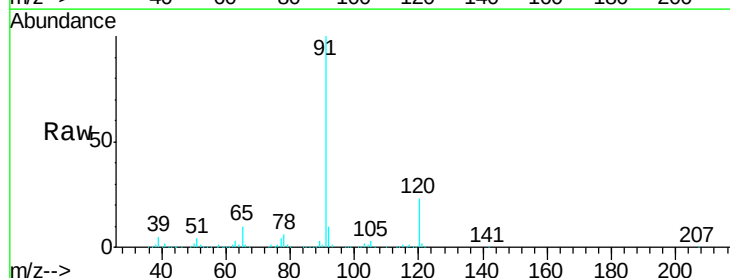


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

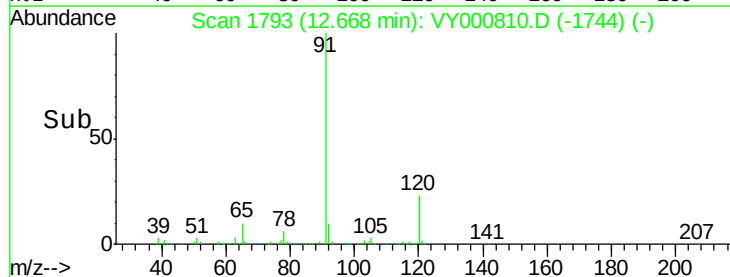
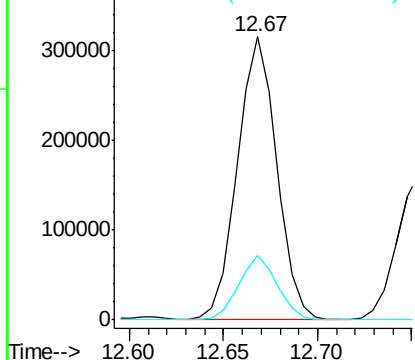


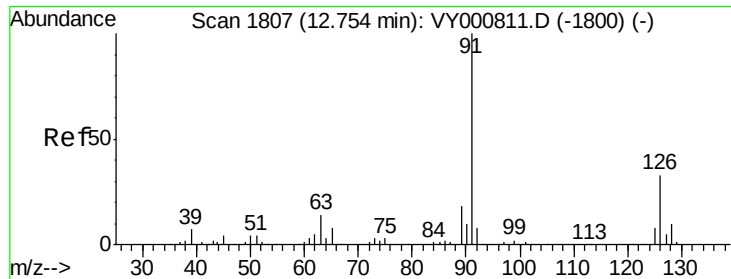
#78
n-propylbenzene
Concen: 21.598 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 91 Resp: 455870
Ion Ratio Lower Upper
91 100
120 22.2 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: 21.224 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

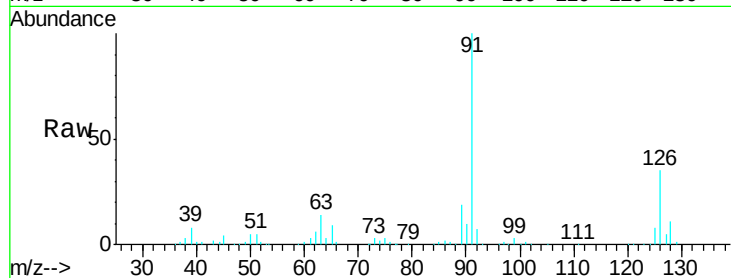
VSTDIC020

Tgt Ion: 91 Resp: 248612

Ion Ratio Lower Upper

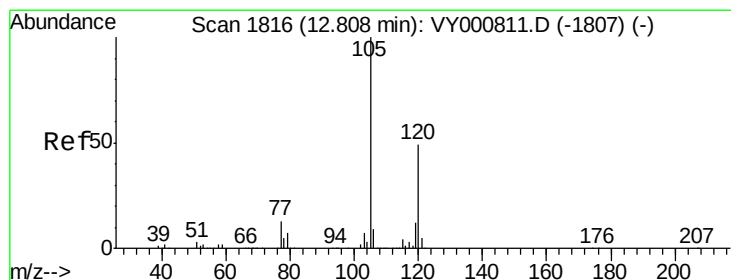
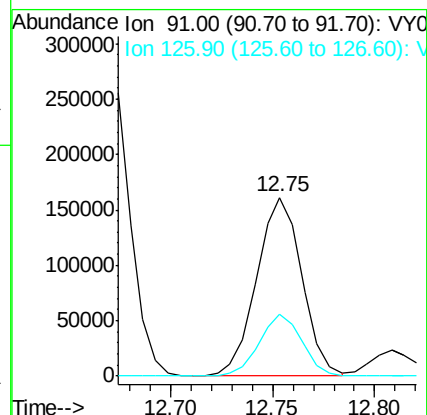
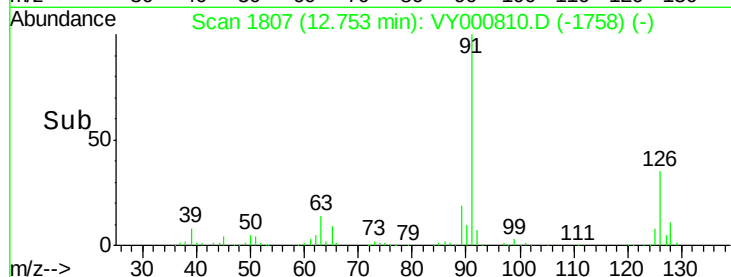
91 100

126 33.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.246 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000810.D

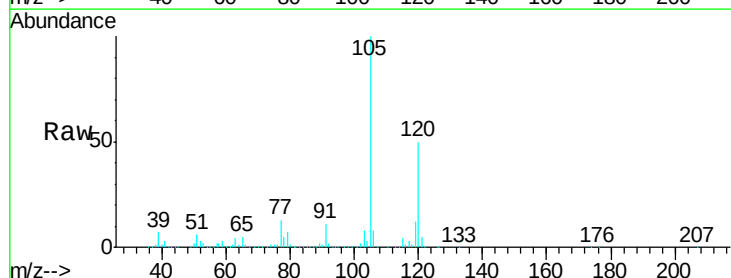
Acq: 27 Nov 2019 11:17

Tgt Ion: 105 Resp: 308137

Ion Ratio Lower Upper

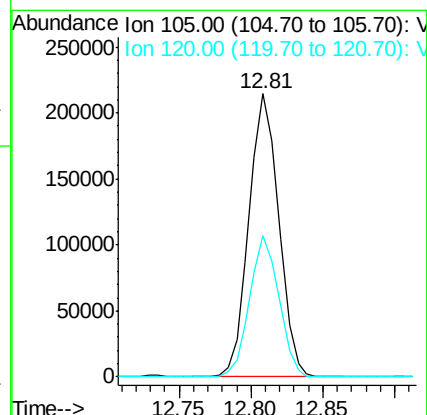
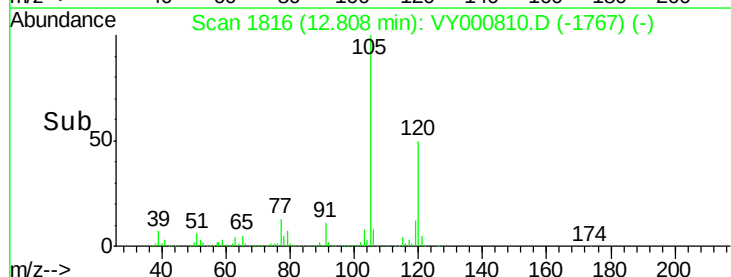
105 100

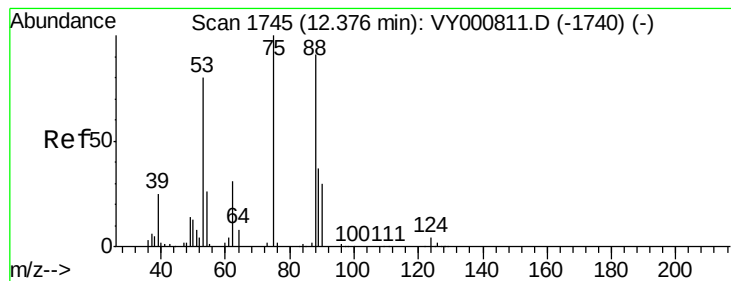
120 48.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.305 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

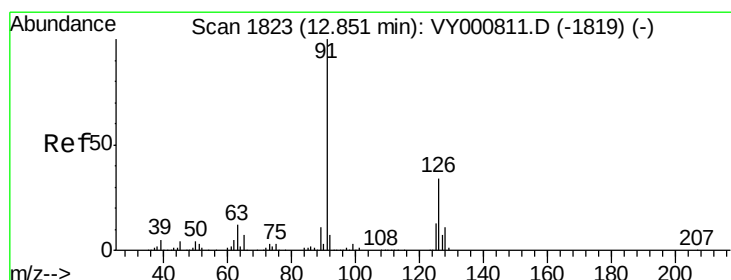
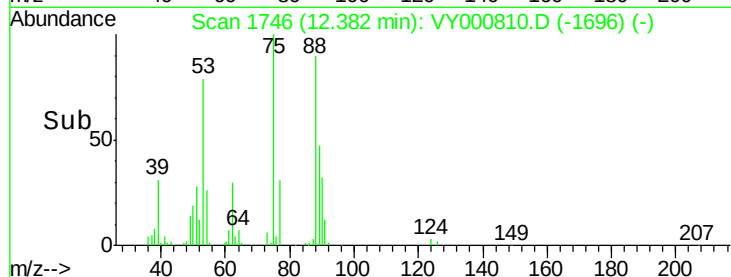
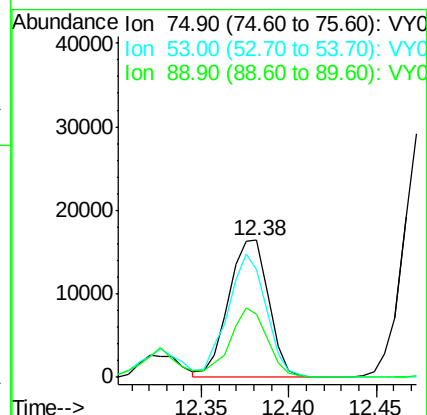
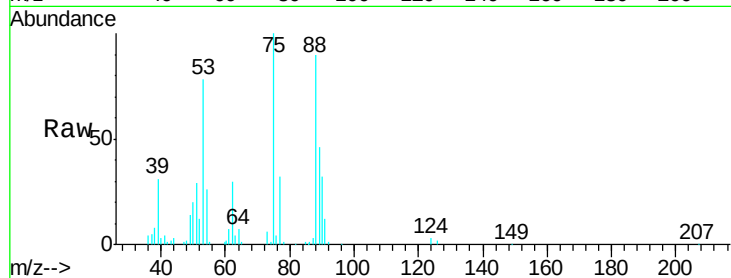
Tgt Ion: 75 Resp: 26234

Ion Ratio Lower Upper

75 100

53 86.8 64.6 96.8

89 46.7 33.6 50.4



#82

4-Chlorotoluene

Concen: 21.325 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000810.D

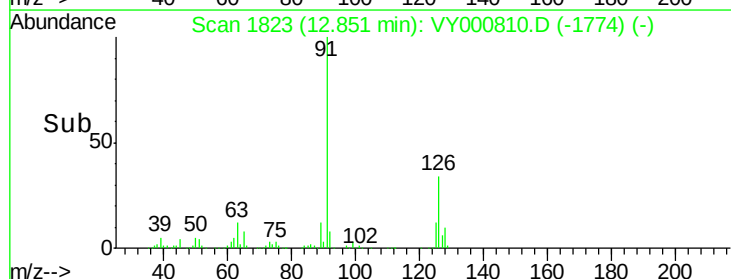
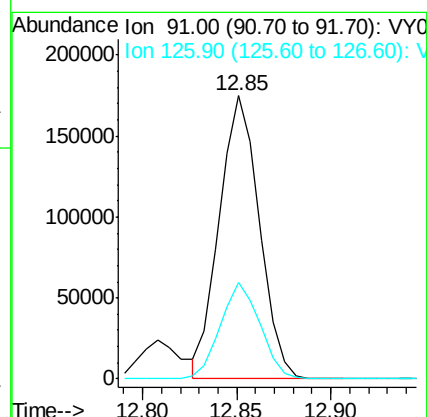
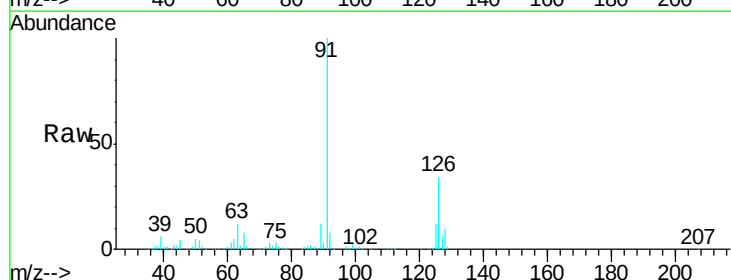
Acq: 27 Nov 2019 11:17

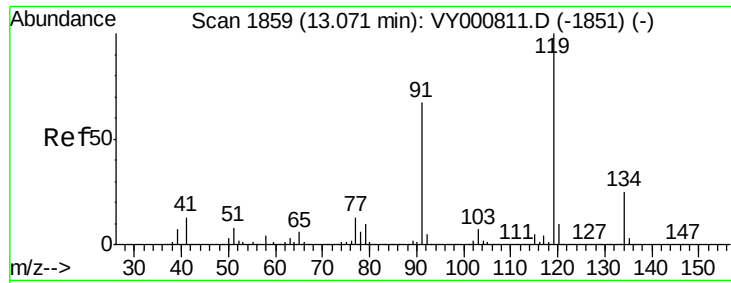
Tgt Ion: 91 Resp: 257838

Ion Ratio Lower Upper

91 100

126 33.9 17.3 51.9

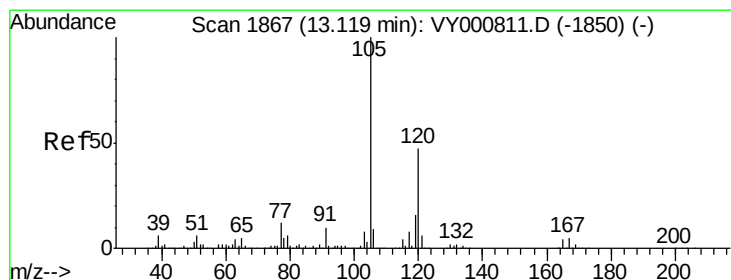
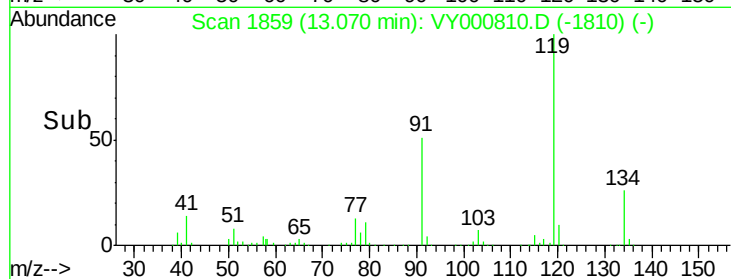
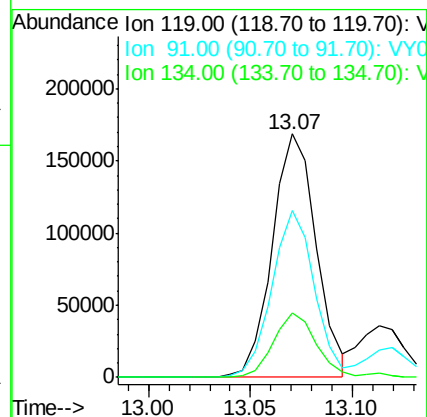
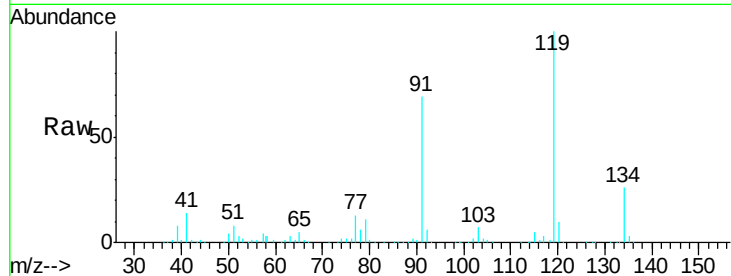




#83
 tert-Butylbenzene
 Concen: 20.473 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

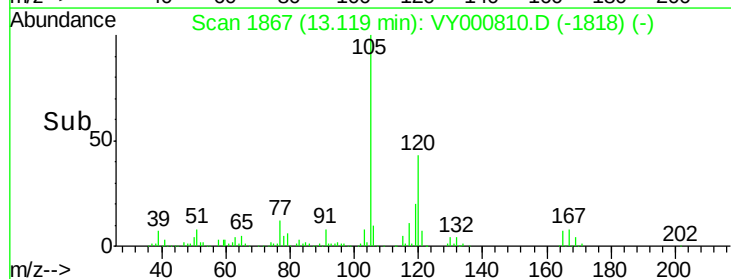
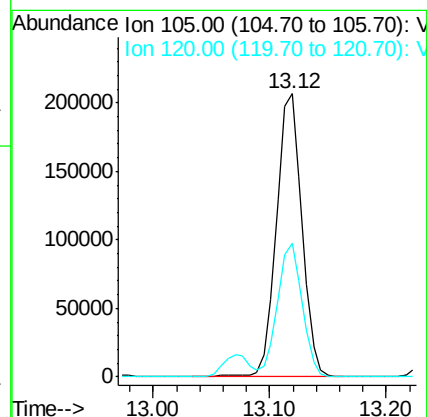
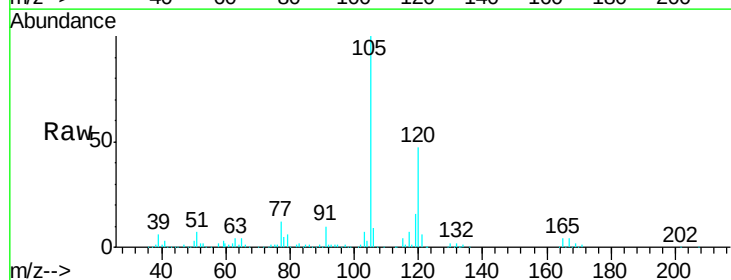
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

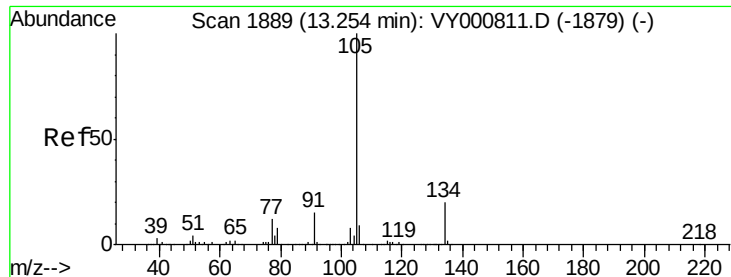
Tgt Ion:119 Resp: 253253
 Ion Ratio Lower Upper
 119 100
 91 67.2 32.3 96.8
 134 26.7 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.765 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion:105 Resp: 313885
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.669 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampled :

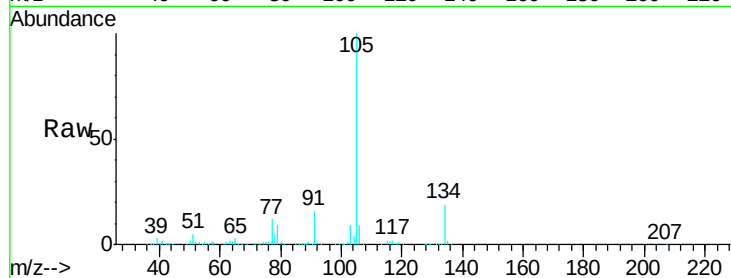
VSTDIC020

Tgt Ion:105 Resp: 381390

Ion Ratio Lower Upper

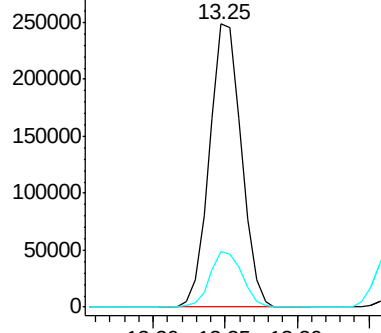
105 100

134 19.7 10.1 30.1

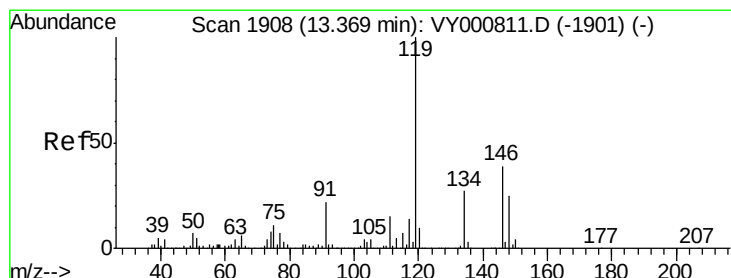
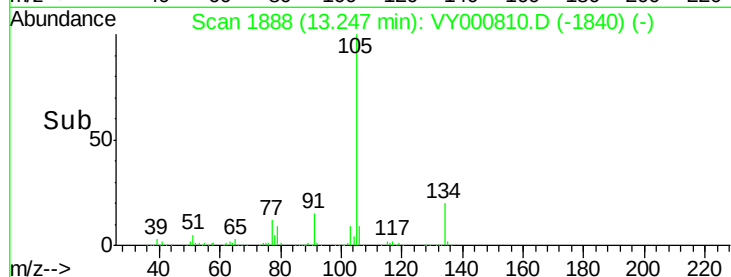


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.019 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

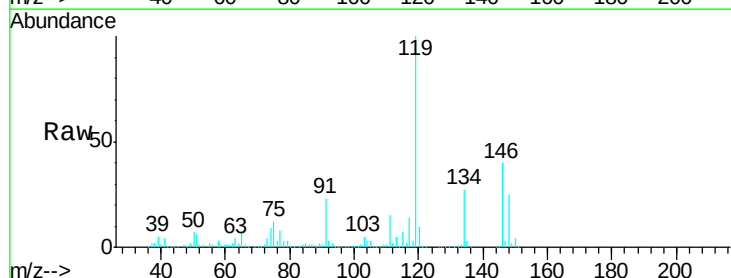
Tgt Ion:119 Resp: 329246

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

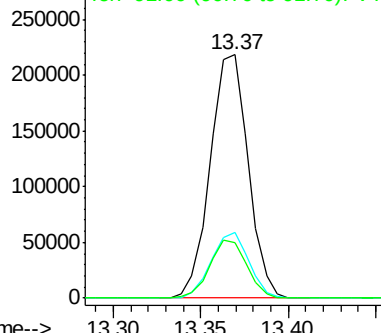
91 23.5 11.5 34.5



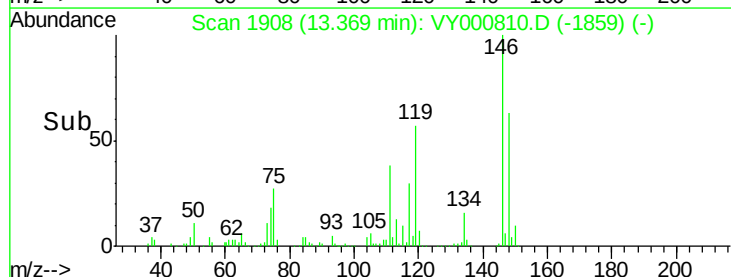
Abundance Ion 119.00 (118.70 to 119.70): V

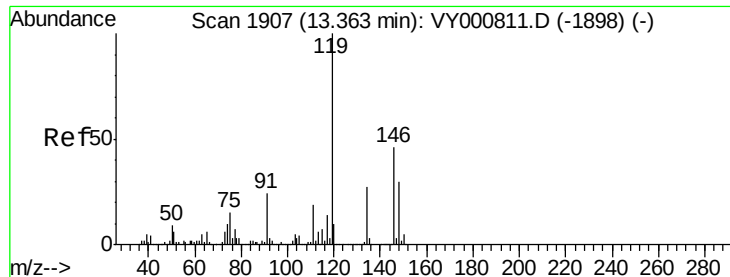
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





#87

1,3-Dichlorobenzene

Concen: 20.996 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

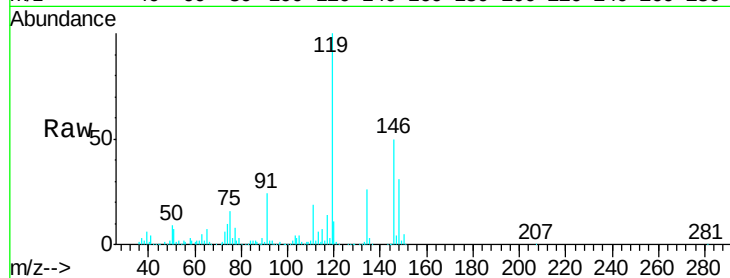
Tgt Ion:146 Resp: 161326

Ion Ratio Lower Upper

146 100

111 38.9 20.0 60.0

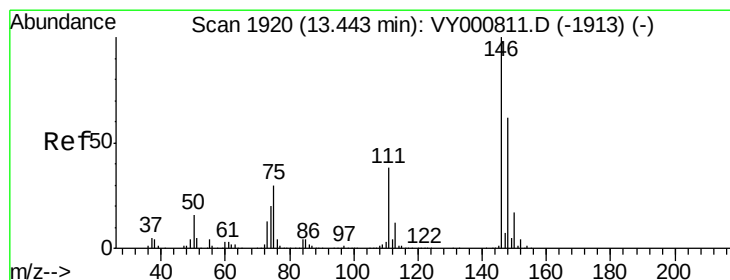
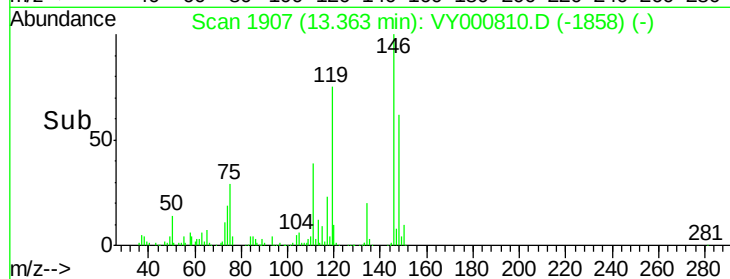
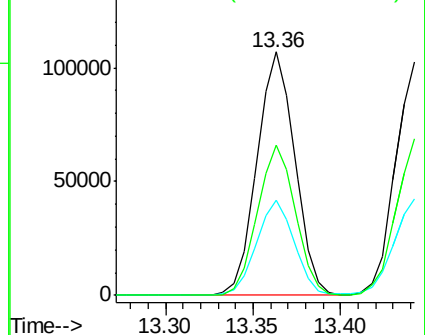
148 61.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.417 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

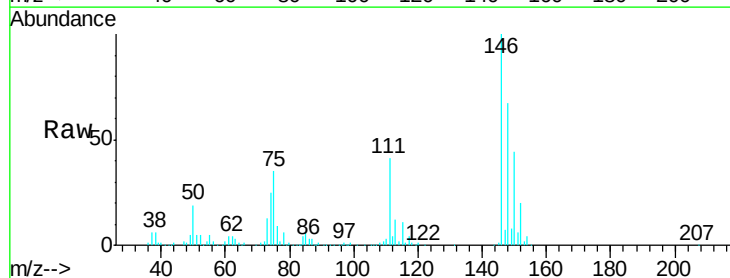
Tgt Ion:146 Resp: 156906

Ion Ratio Lower Upper

146 100

111 41.6 20.0 59.9

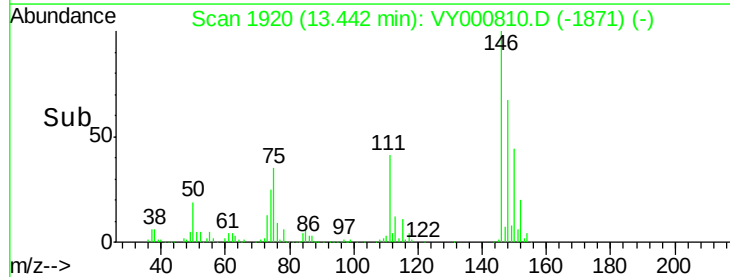
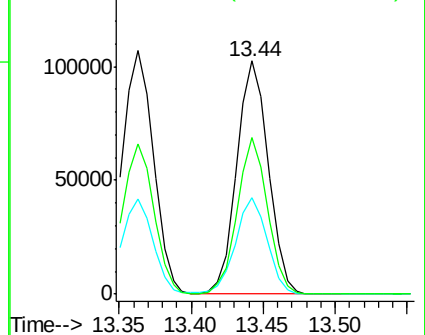
148 64.2 31.7 95.1

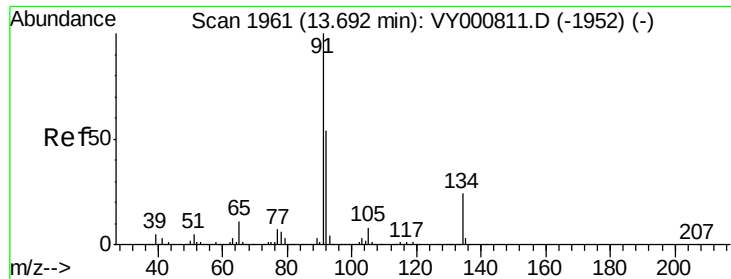


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

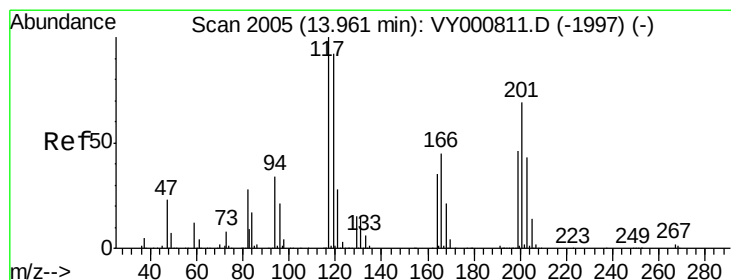
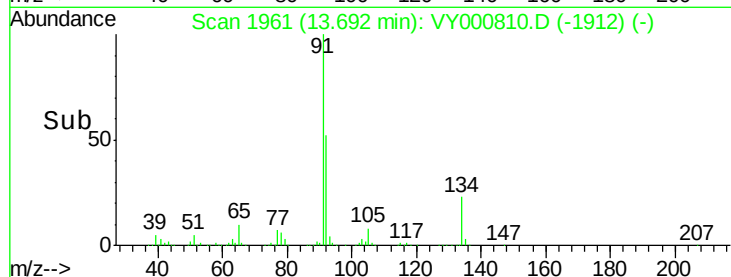
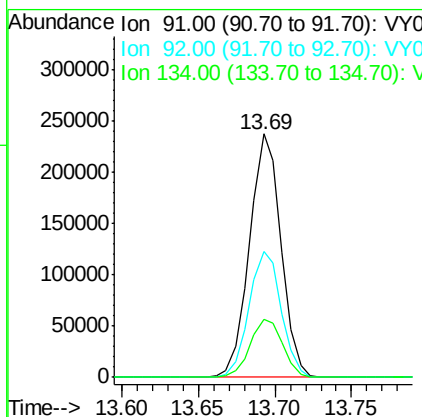
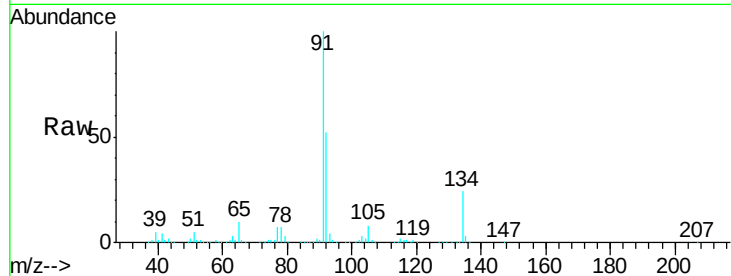




#89
n-Butylbenzene
Concen: 21.890 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

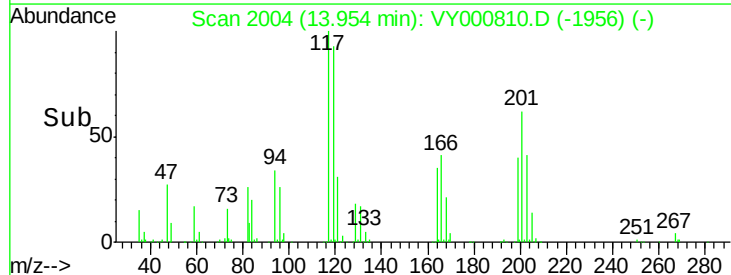
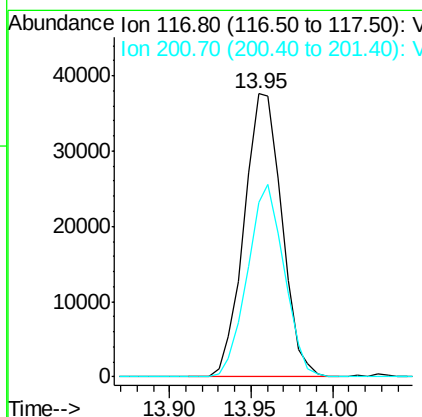
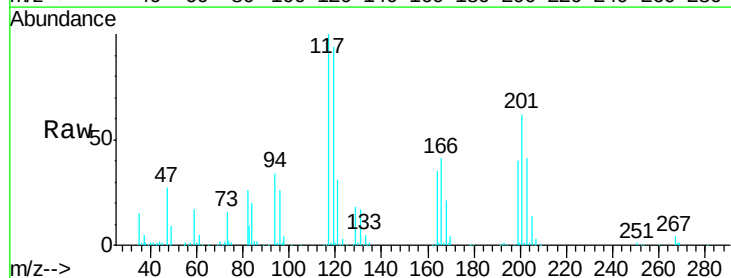
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

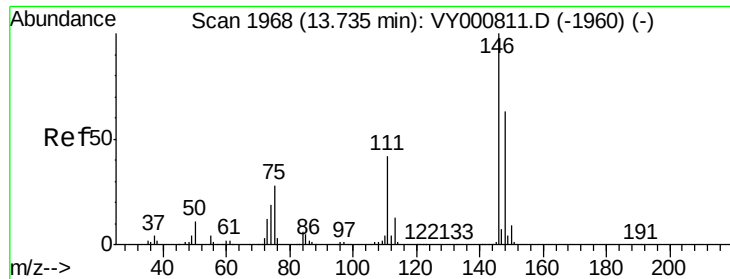
Tgt Ion: 91 Resp: 339414
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 24.8 12.6 37.6



#90
Hexachloroethane
Concen: 20.927 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000810.D
Acq: 27 Nov 2019 11:17

Tgt Ion: 117 Resp: 60820
Ion Ratio Lower Upper
117 100
201 66.1 34.0 102.0

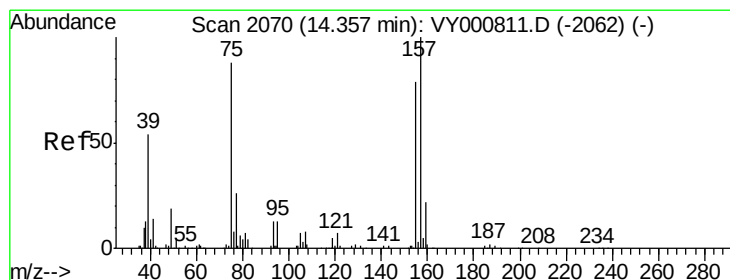
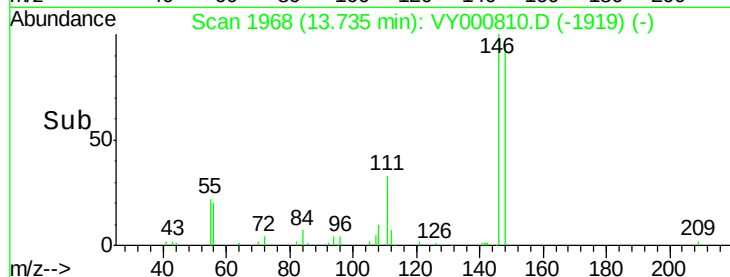
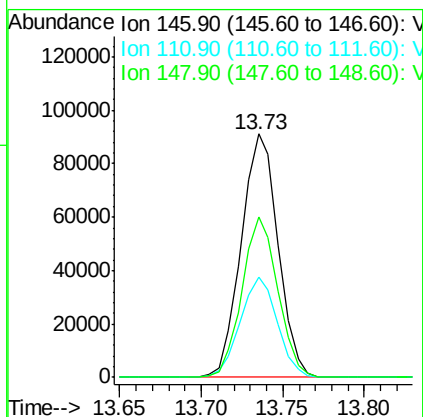
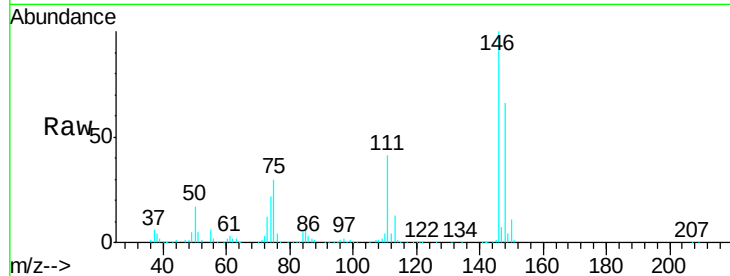




#91
 1,2-Dichlorobenzene
 Concen: 20.522 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

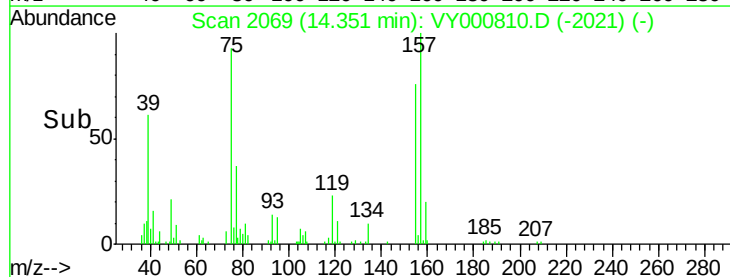
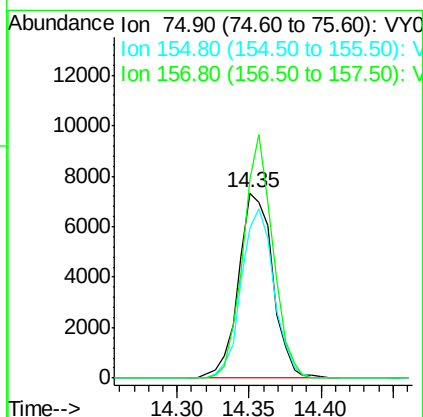
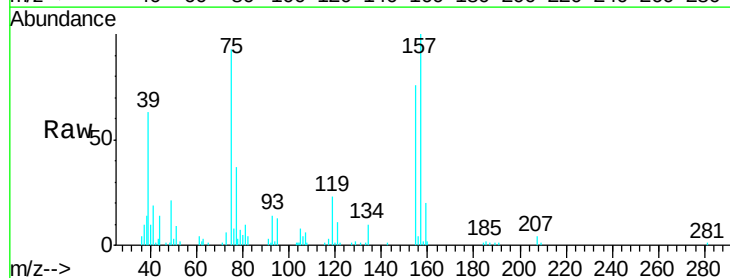
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

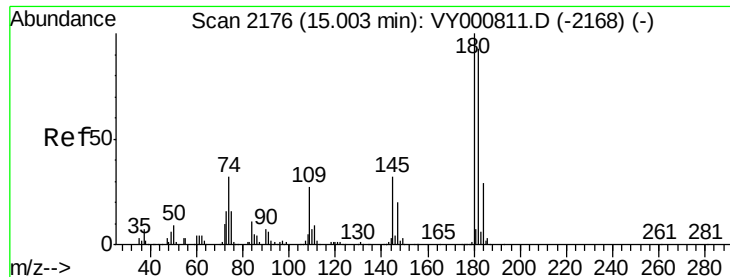
Tgt Ion: 146 Resp: 143183
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.652 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion: 75 Resp: 12053
 Ion Ratio Lower Upper
 75 100
 155 87.3 44.3 132.9
 157 113.3 56.3 168.9

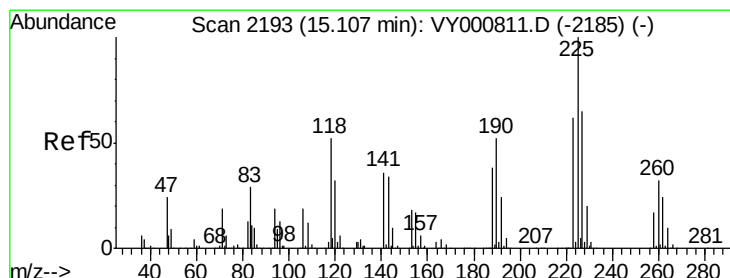
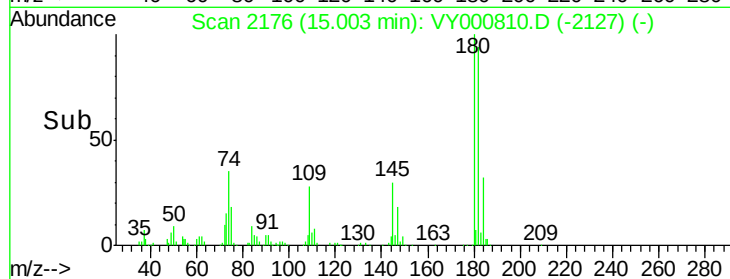
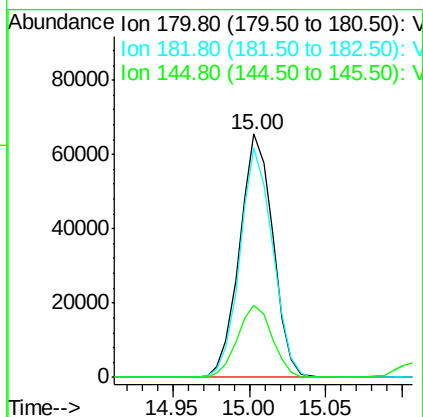
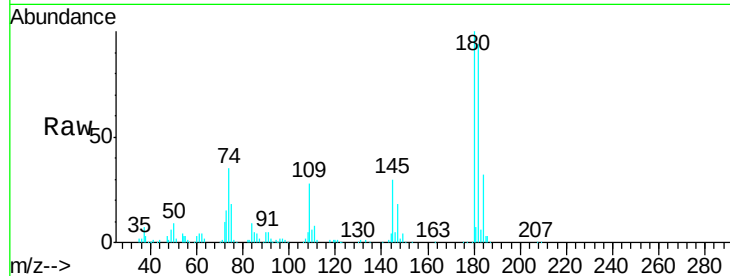




#93
 1,2,4-Trichlorobenzene
 Concen: 20.811 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

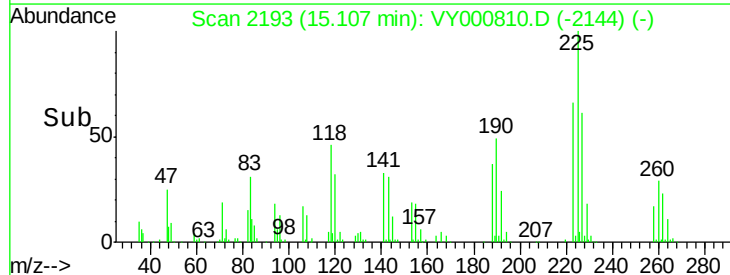
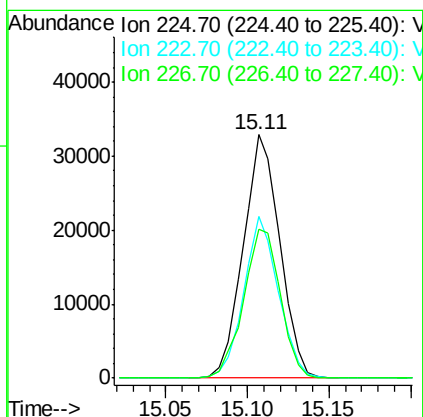
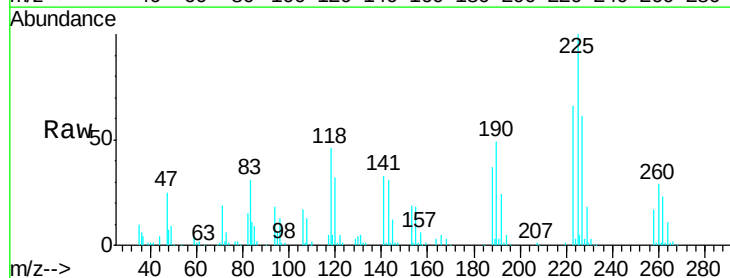
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

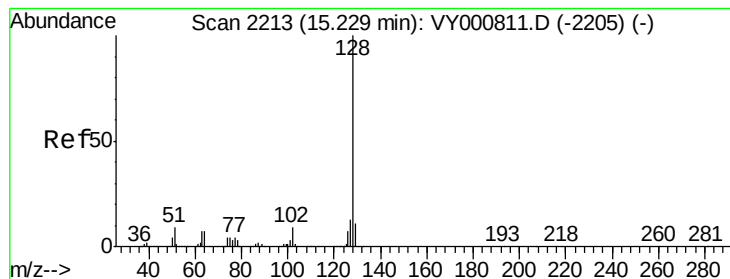
Tgt Ion:180 Resp: 99309
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.3 141.9
 145 30.7 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.275 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000810.D
 Acq: 27 Nov 2019 11:17

Tgt Ion:225 Resp: 51389
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.3
 227 61.4 31.8 95.3





#95

Naphthalene

Concen: 21.675 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

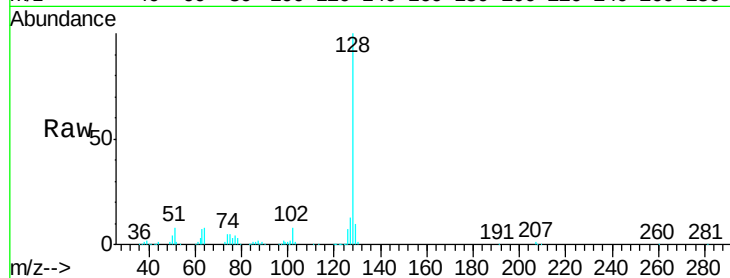
Tgt Ion:128 Resp: 231937

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

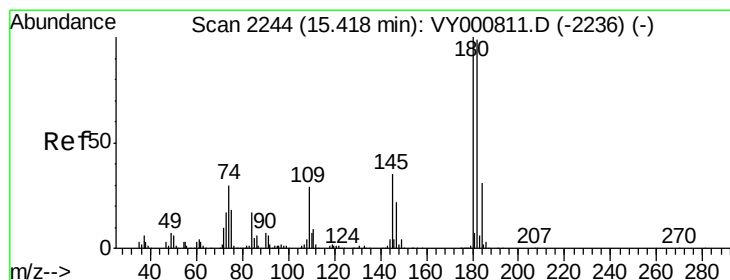
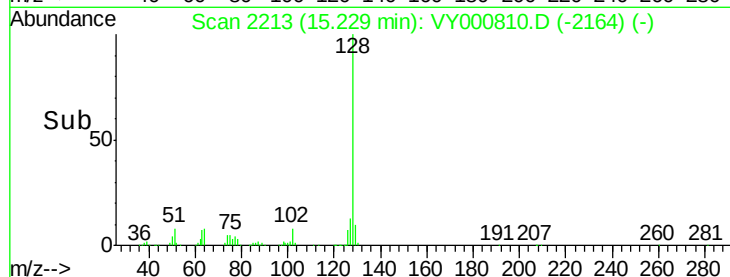
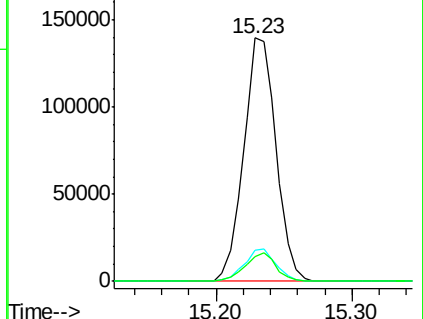
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.812 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000810.D

Acq: 27 Nov 2019 11:17

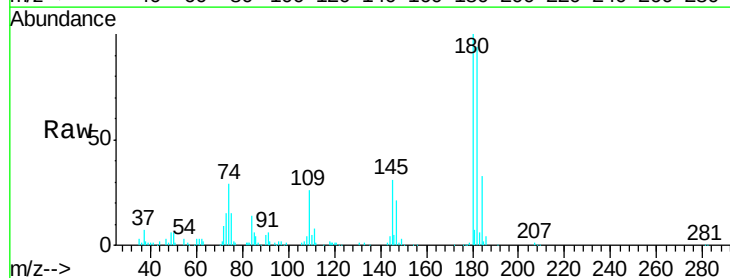
Tgt Ion:180 Resp: 88414

Ion Ratio Lower Upper

180 100

182 93.5 48.0 144.0

145 31.2 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

