

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000160.D
 Acq On : 26 Sep 2019 18:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 18:41:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	167019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	292723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	259109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124135	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	81734	55.88	ug/l	0.00
Spiked Amount			Recovery	=	111.76%	
35) Dibromofluoromethane	7.72	113	83143	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	
50) Toluene-d8	10.18	98	338675	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.48	95	112849	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	62631	54.782	ug/l	98
3) Chloromethane	2.11	50	91467	53.933	ug/l	98
4) Vinyl Chloride	2.24	62	103534	49.741	ug/l	94
5) Bromomethane	2.63	94	72812	51.878	ug/l	99
6) Chloroethane	2.79	64	66186	51.221	ug/l	92
7) Trichlorofluoromethane	3.12	101	128341	51.154	ug/l	98
8) Diethyl Ether	3.53	74	58242	58.226	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88576	54.086	ug/l	95
10) Methyl Iodide	4.08	142	125808	49.823	ug/l	99
11) Tert butyl alcohol	4.97	59	44101	301.791	ug/l	99
12) 1,1-Dichloroethene	3.86	96	89476	52.099	ug/l	99
13) Acrolein	3.73	56	48146	265.301	ug/l	95
14) Allyl chloride	4.47	41	113269	52.704	ug/l	99
15) Acrylonitrile	5.16	53	134996	296.753	ug/l	98
16) Acetone	3.95	43	89149	240.274	ug/l #	87
17) Carbon Disulfide	4.19	76	285080	53.513	ug/l	98
18) Methyl Acetate	4.48	43	56967	53.706	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	232053	57.074	ug/l	98
20) Methylene Chloride	4.71	84	111495	63.205	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	102926	53.789	ug/l	94
22) Diisopropyl ether	6.12	45	239012	52.919	ug/l	97
23) Vinyl Acetate	6.06	43	800353	282.755	ug/l	98
24) 1,1-Dichloroethane	6.02	63	148367	54.265	ug/l	97
25) 2-Butanone	7.00	43	153726	273.758	ug/l	99
26) 2,2-Dichloropropane	6.99	77	125355	50.423	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	115070	54.110	ug/l	99
28) Bromochloromethane	7.33	49	58979	56.620	ug/l	99
29) Tetrahydrofuran	7.35	42	97909	282.834	ug/l	96
30) Chloroform	7.51	83	151649	52.995	ug/l	96
31) Cyclohexane	7.78	56	139032	49.186	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	128998	51.411	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120860	49.683	ug/l	98
37) Ethyl Acetate	7.08	43	66947	52.098	ug/l	96
38) Carbon Tetrachloride	7.90	117	115305	48.554	ug/l	98

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39) Methylcyclohexane	9.18	83	172735	50.064	ug/l	98
40) Benzene	8.16	78	390880	50.868	ug/l	99
41) Methacrylonitrile	7.35	41	86826	140.271	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	95745	51.210	ug/l	99
43) Isopropyl Acetate	8.28	43	127714	53.803	ug/l	100
44) Trichloroethene	8.94	130	118770	48.367	ug/l	98
45) 1,2-Dichloropropane	9.22	63	89418	52.750	ug/l	92
46) Dibromomethane	9.31	93	55103	53.265	ug/l	95
47) Bromodichloromethane	9.50	83	120411	51.637	ug/l	89
48) Methyl methacrylate	9.30	41	55192	51.924	ug/l	99
49) 1,4-Dioxane	9.30	88	19023	1190.211	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337473	273.906	ug/l	99
52) Toluene	10.24	92	251537	50.545	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	130506	53.280	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	153795	52.981	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	82023	53.323	ug/l	97
56) Ethyl methacrylate	10.51	69	110062	55.005	ug/l	96
57) 1,3-Dichloropropane	10.79	76	131636	53.253	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	251803	267.928	ug/l	99
59) 2-Hexanone	10.83	43	240851	275.046	ug/l	98
60) Dibromochloromethane	10.99	129	93824	53.957	ug/l	98
61) 1,2-Dibromoethane	11.09	107	79194	53.951	ug/l	98
64) Tetrachloroethene	10.72	164	124324	48.436	ug/l	96
65) Chlorobenzene	11.52	112	272566	50.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	91710	50.333	ug/l	97
67) Ethyl Benzene	11.59	91	458295	49.722	ug/l	98
68) m/p-Xylenes	11.70	106	373408	100.213	ug/l	99
69) o-Xylene	12.03	106	177746	50.016	ug/l	99
70) Styrene	12.04	104	303436	50.453	ug/l	99
71) Bromoform	12.20	173	57370	53.581	ug/l #	99
73) Isopropylbenzene	12.33	105	448106	50.033	ug/l	98
74) N-amyl acetate	12.14	43	116702	53.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	76425	54.820	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	118030	94.475	ug/l #	100
77) Bromobenzene	12.61	156	109477	49.480	ug/l	97
78) n-propylbenzene	12.67	91	534182	50.033	ug/l	99
79) 2-Chlorotoluene	12.75	91	291324	50.149	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	379554	50.944	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	33583	53.569	ug/l	97
82) 4-Chlorotoluene	12.85	91	303239	50.100	ug/l	99
83) tert-Butylbenzene	13.07	119	317320	49.459	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	378943	50.330	ug/l	100
85) sec-Butylbenzene	13.25	105	467464	50.749	ug/l	99
86) p-Isopropyltoluene	13.36	119	412948	50.341	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	207089	48.848	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	211433	50.102	ug/l	99
89) n-Butylbenzene	13.69	91	394332	50.584	ug/l	99
90) Hexachloroethane	13.95	117	78856	50.884	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	194066	50.102	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15354	55.818	ug/l	94

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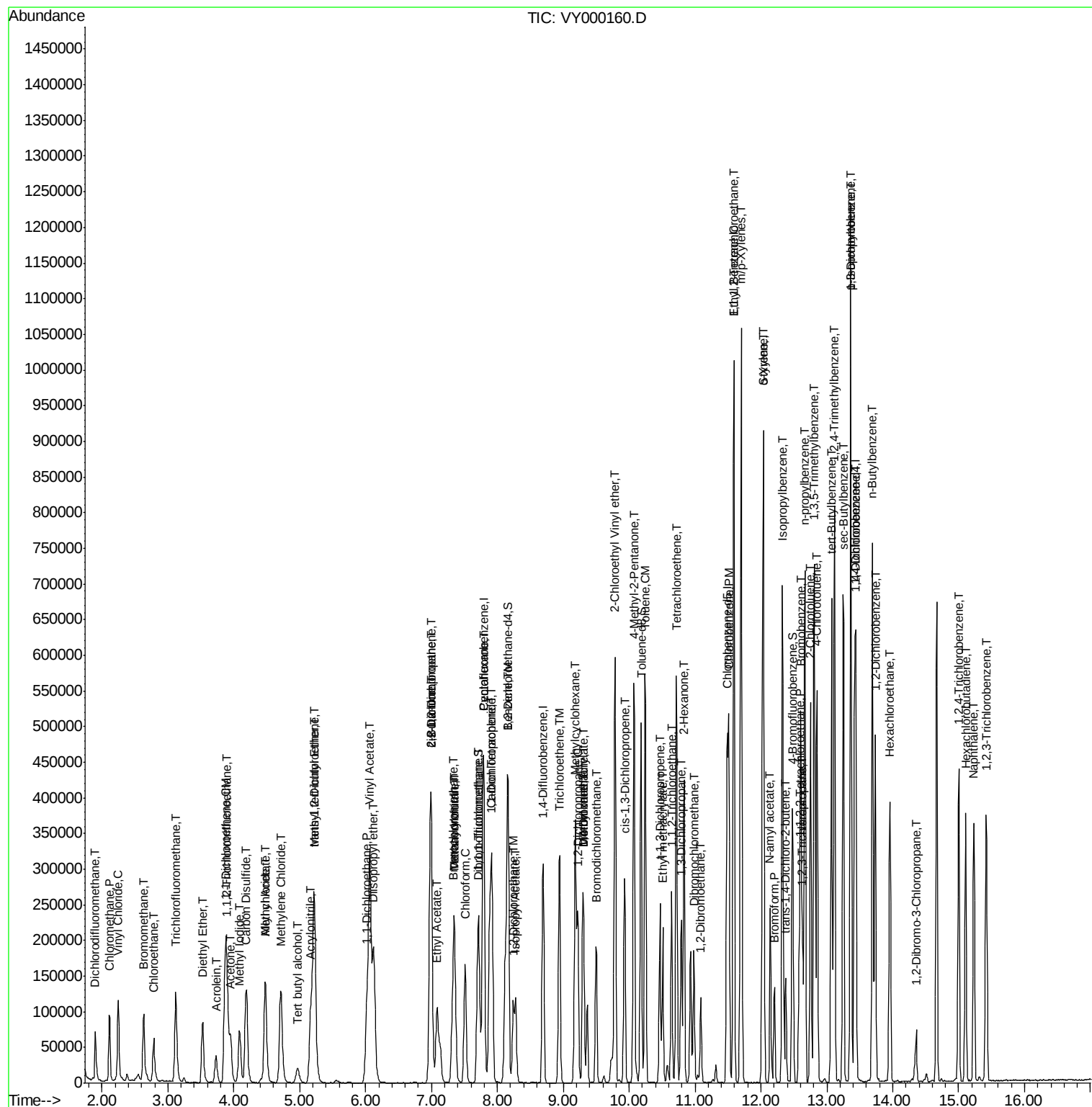
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	134869	50.185	ug/l	99
94) Hexachlorobutadiene	15.11	225	64159	48.930	ug/l	97
95) Naphthalene	15.23	128	316093	52.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	120452	49.975	ug/l	98

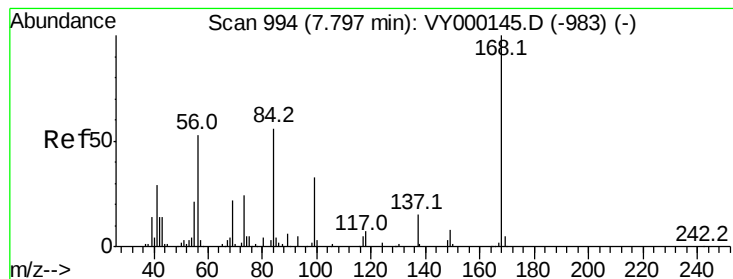
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

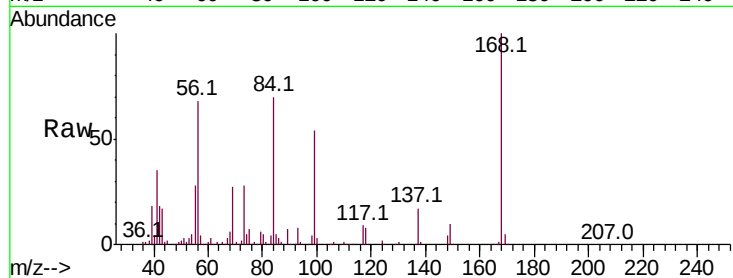
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 167019

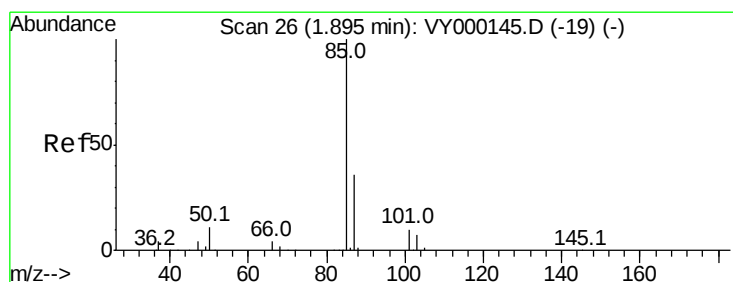
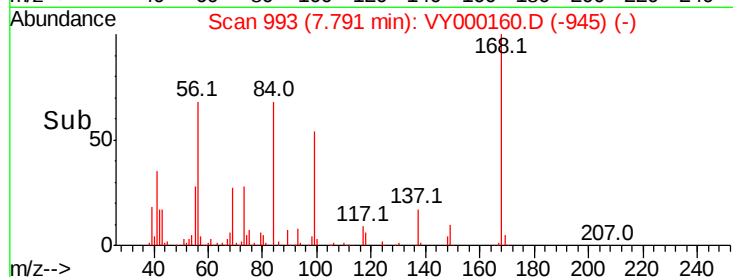
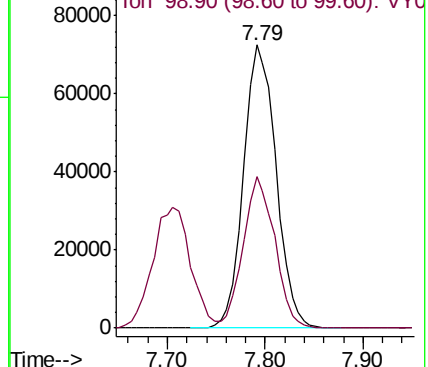
Ion Ratio Lower Upper

168 100

99 53.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 54.782 ug/l

RT: 1.90 min Scan# 26

Delta R.T. 0.00 min

Lab File: VY000160.D

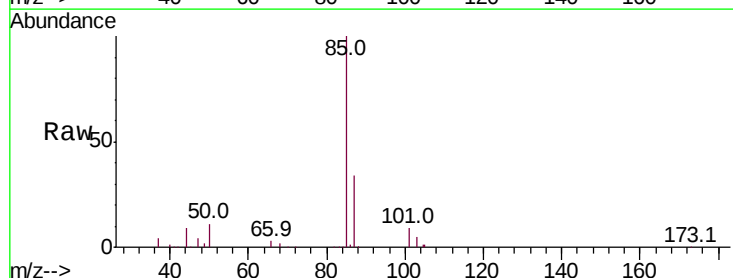
Acq: 26 Sep 2019 18:11

Tgt Ion: 85 Resp: 62631

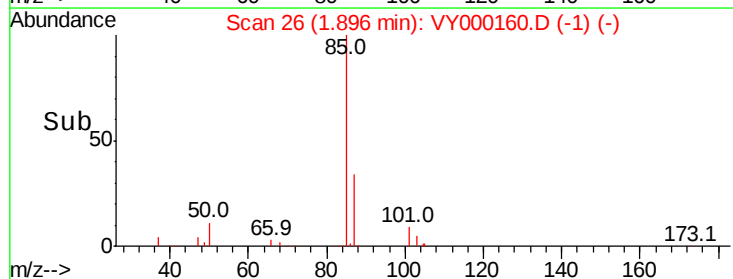
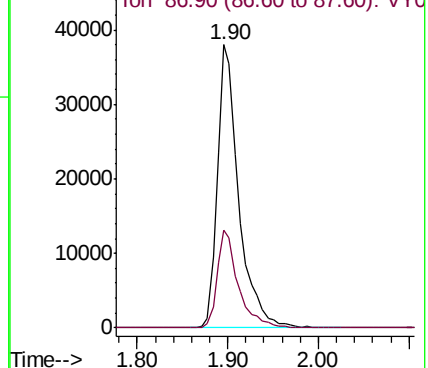
Ion Ratio Lower Upper

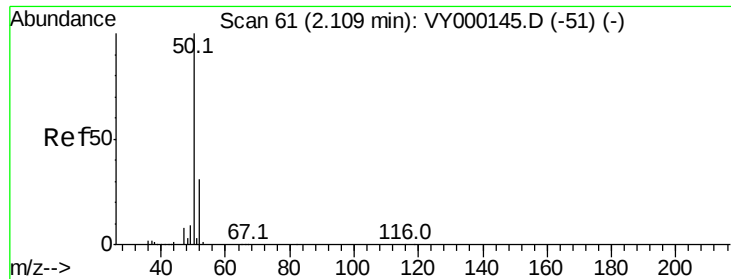
85 100

87 34.5 17.9 53.8



Abundance Ion 84.90 (84.60 to 85.60): VY000145.D (-19) (-)





#3

Chloromethane

Concen: 53.933 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

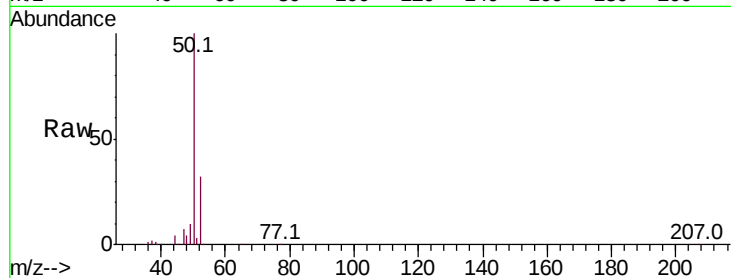
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 91467

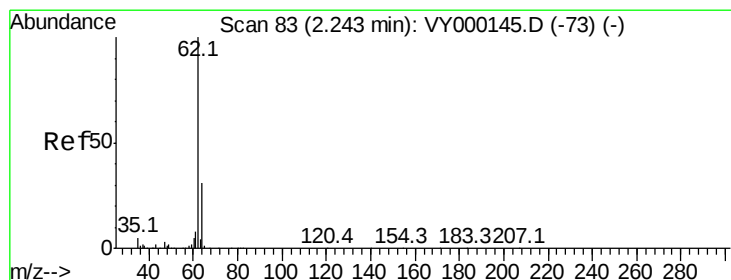
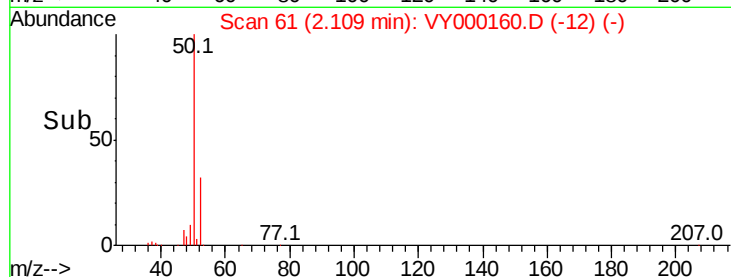
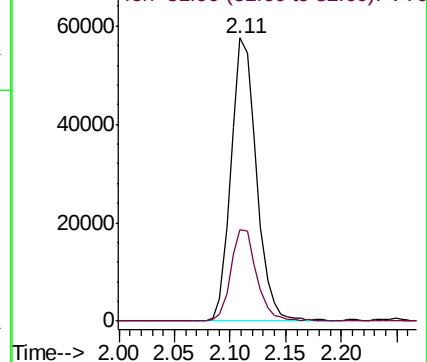
Ion Ratio Lower Upper

50 100

52 32.2 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.741 ug/l

RT: 2.24 min Scan# 83

Delta R.T. 0.00 min

Lab File: VY000160.D

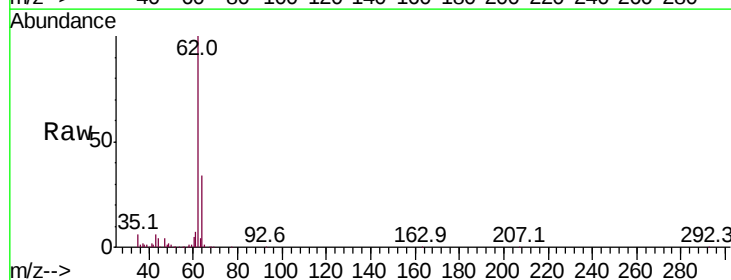
Acq: 26 Sep 2019 18:11

Tgt Ion: 62 Resp: 103534

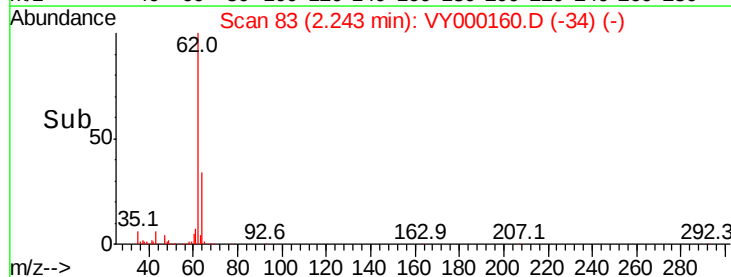
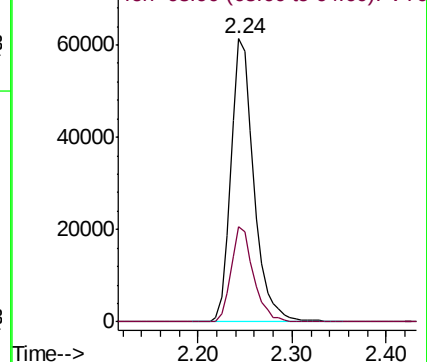
Ion Ratio Lower Upper

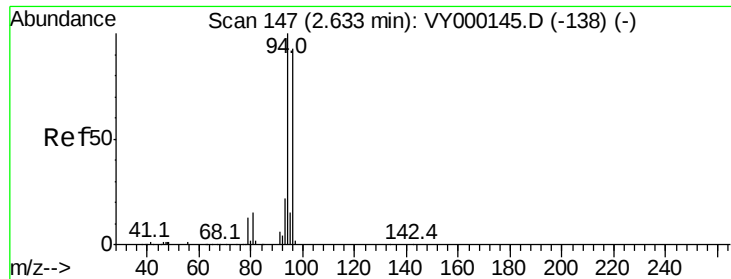
62 100

64 33.6 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 51.878 ug/l

RT: 2.63 min Scan# 147

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

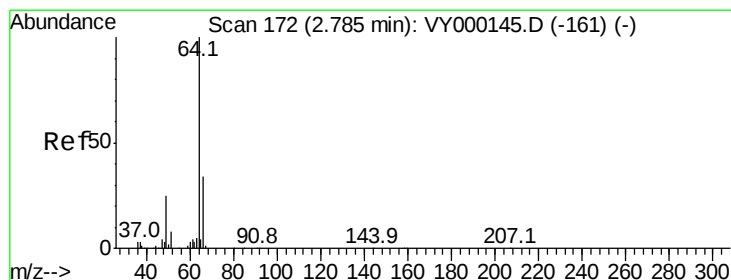
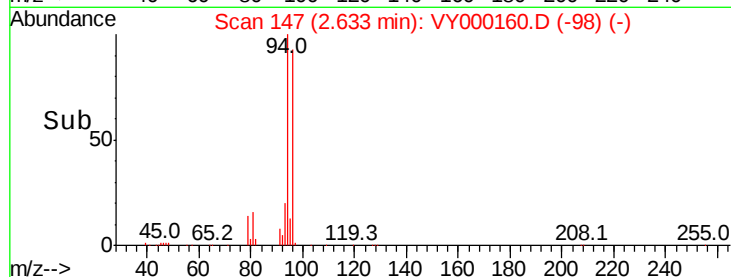
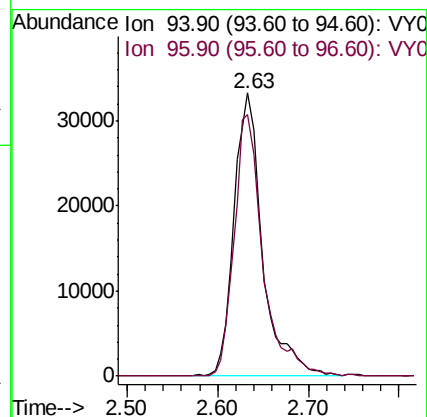
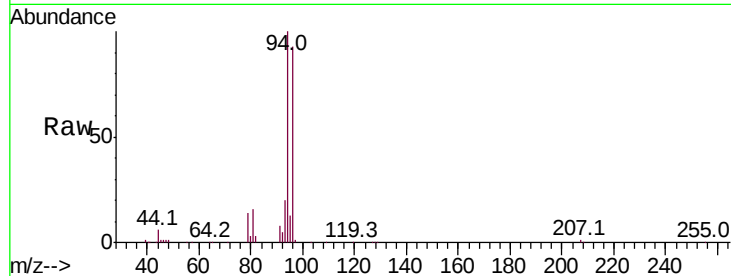
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 72812

Ion Ratio Lower Upper

94 100

96 92.6 74.6 111.8



#6

Chloroethane

Concen: 51.221 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000160.D

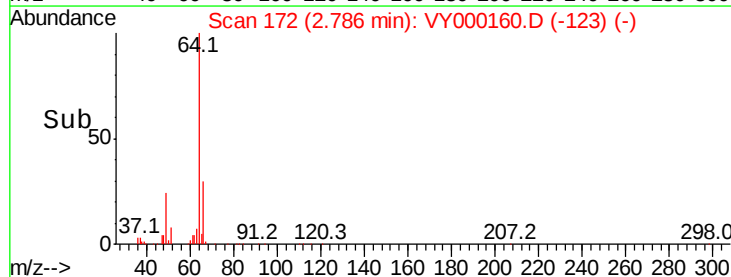
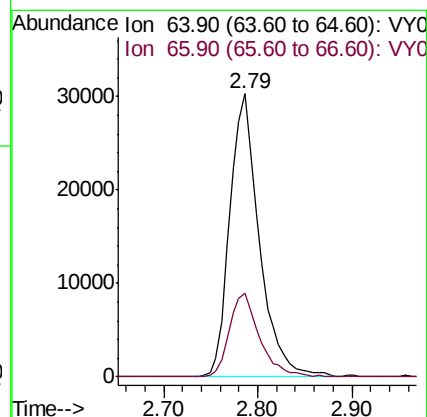
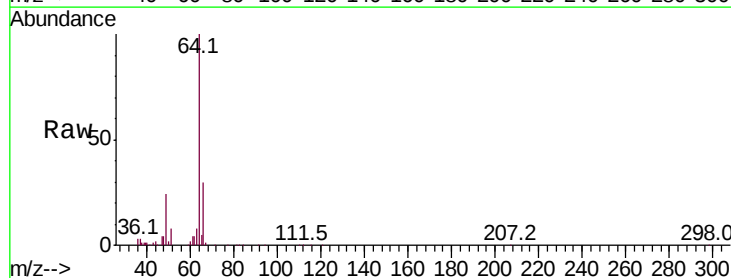
Acq: 26 Sep 2019 18:11

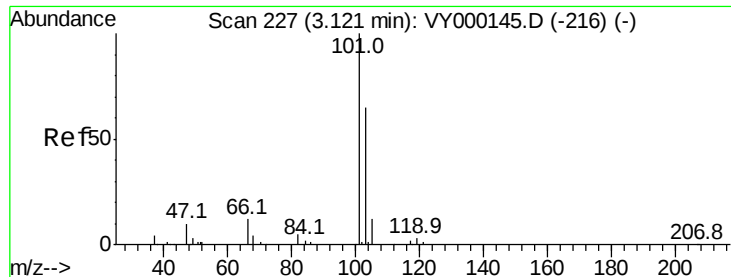
Tgt Ion: 64 Resp: 66186

Ion Ratio Lower Upper

64 100

66 29.5 27.4 41.0



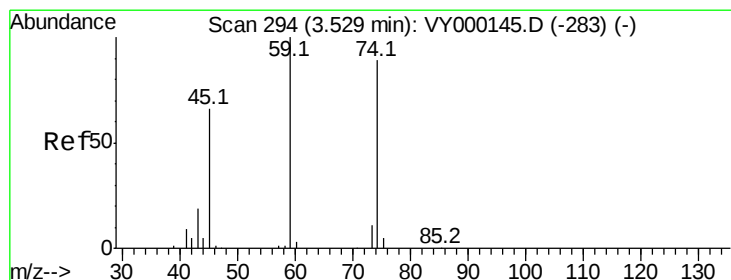
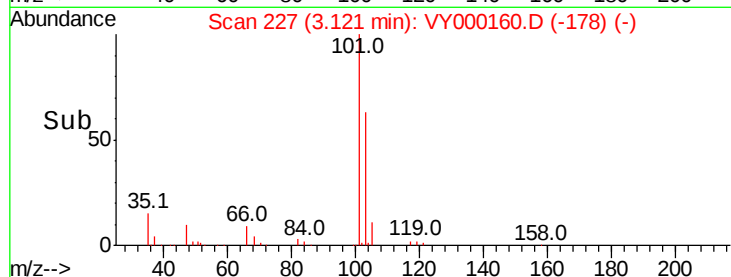
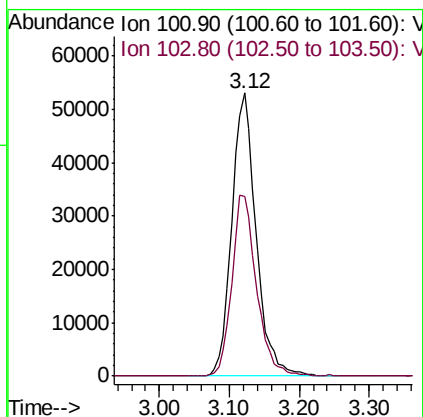
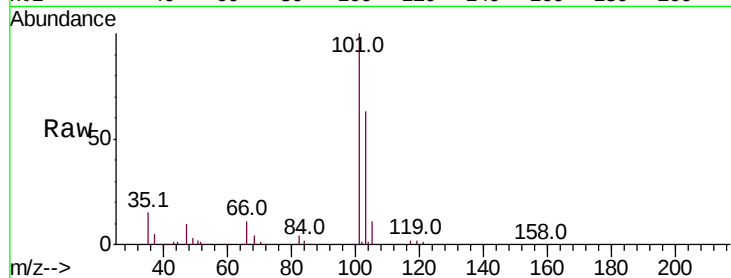


#7

Trichlorofluoromethane
Concen: 51.154 ug/l
RT: 3.12 min Scan# 227
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :

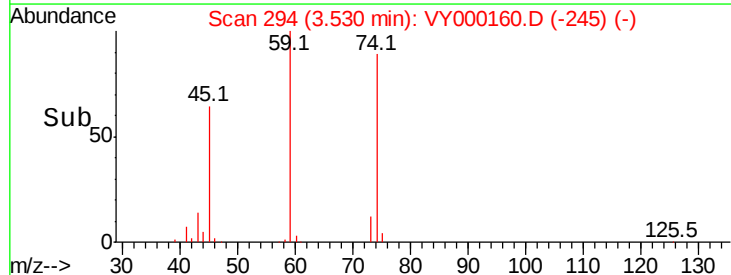
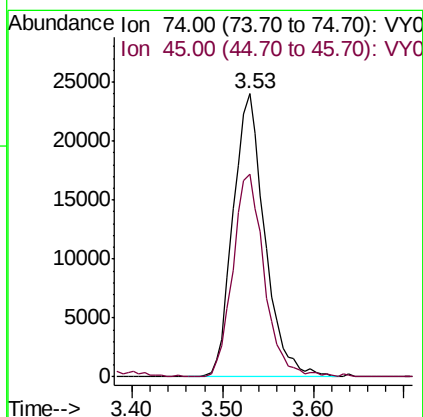
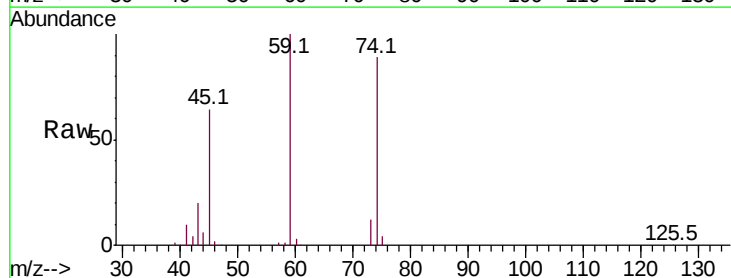
Tot Ion:101 Resp: 128341
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9

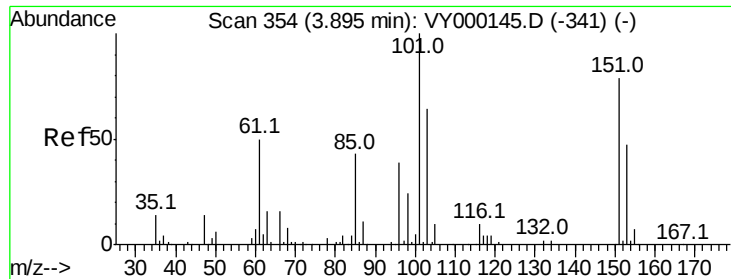


#8

Diethyl Ether
Concen: 58.226 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 74 Resp: 58242
Ion Ratio Lower Upper
74 100
45 71.3 37.7 113.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.086 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

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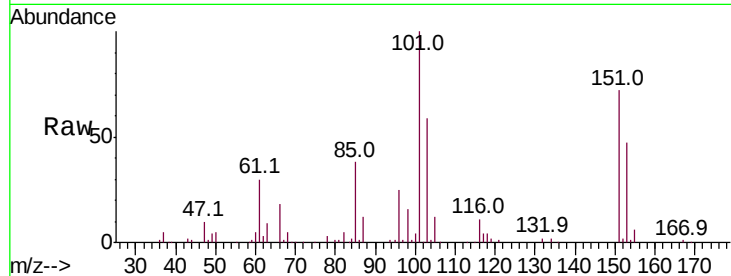
Tot Ion:101 Resp: 88576

Ion Ratio Lower Upper

101 100

85 42.2 34.8 52.2

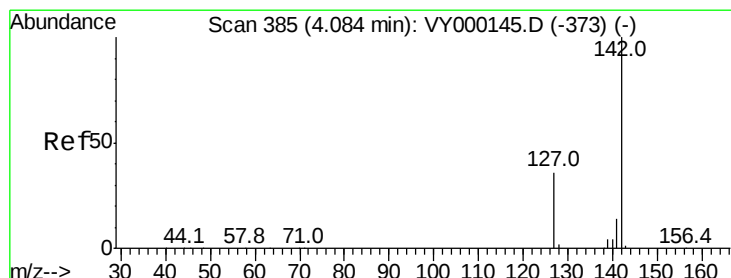
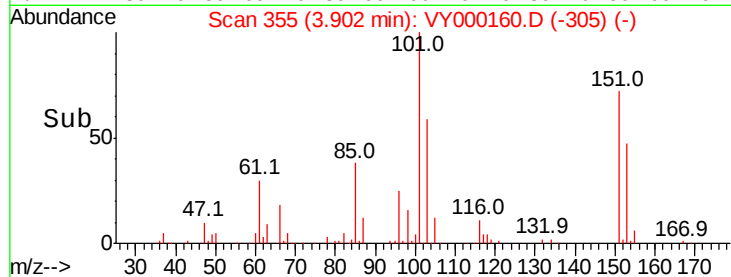
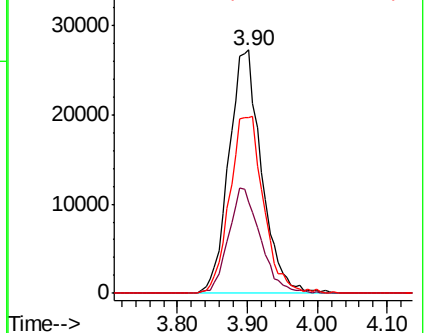
151 74.6 64.0 96.0



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: 49.823 ug/l

RT: 4.08 min Scan# 385

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

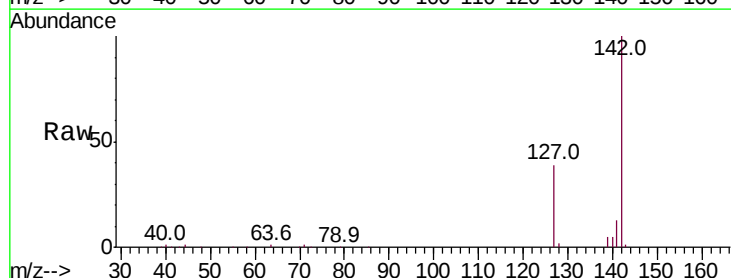
Tgt Ion:142 Resp: 125808

Ion Ratio Lower Upper

142 100

127 38.6 30.0 45.0

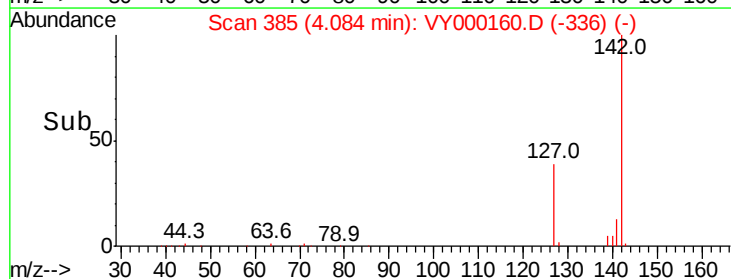
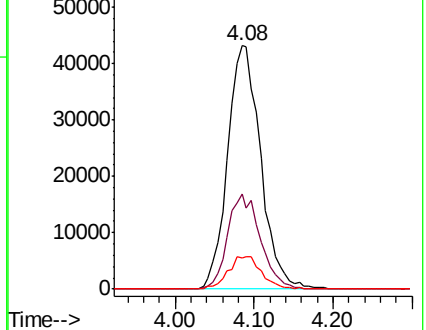
141 13.6 11.0 16.6

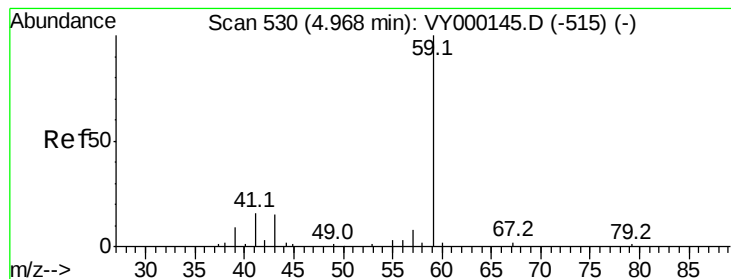


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



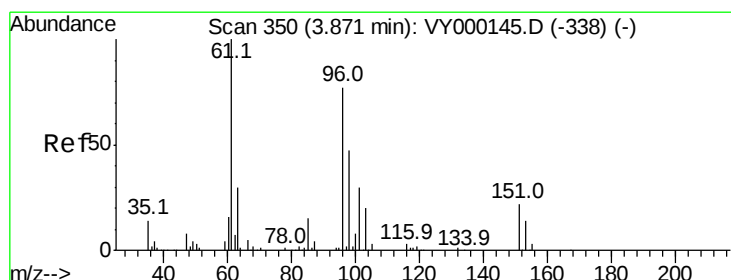
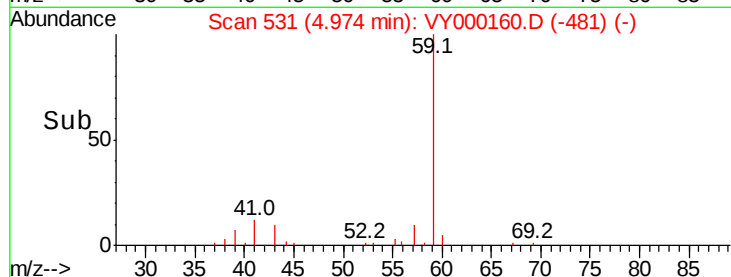
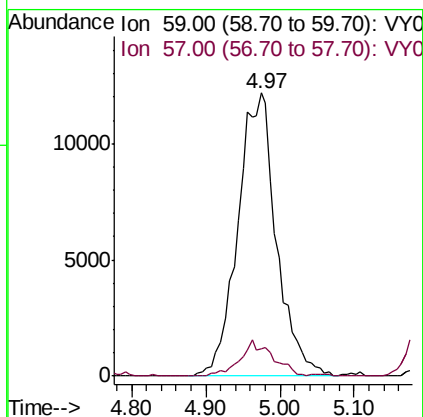
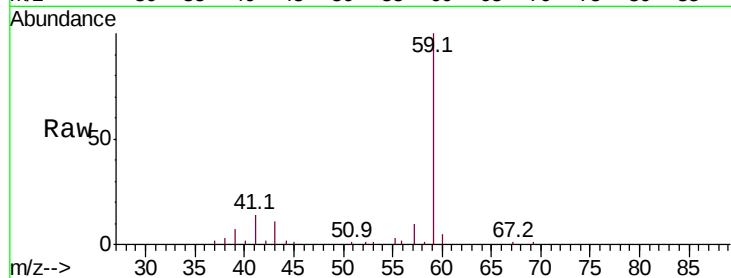


#11

Tert butyl alcohol
 Concen: 301.791 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Instrument :
 MSVOA_Y
 ClientSampled :

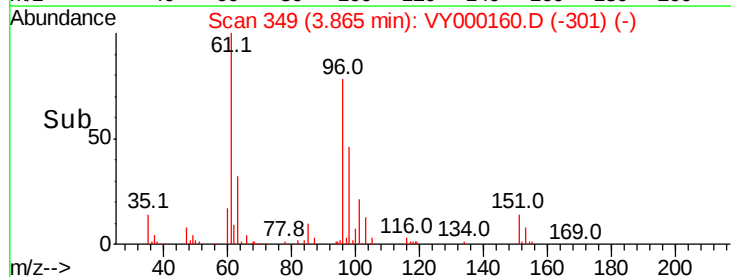
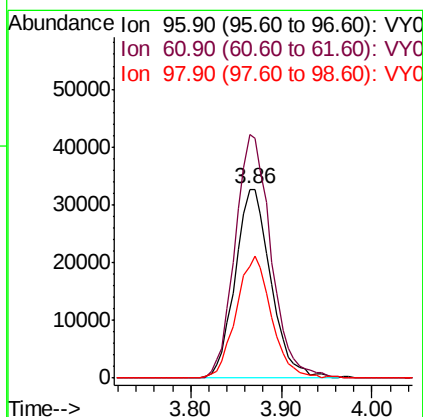
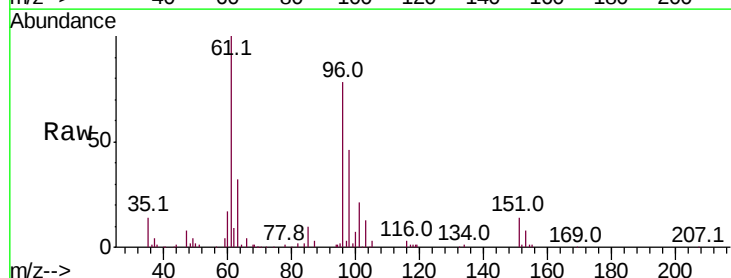
Tot Ion: 59 Resp: 44101
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.9 13.3

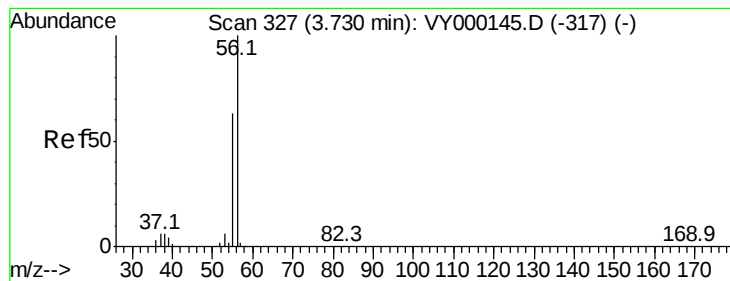


#12

1,1-Dichloroethene
 Concen: 52.099 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion: 96 Resp: 89476
 Ion Ratio Lower Upper
 96 100
 61 128.8 103.6 155.4
 98 59.3 48.7 73.1





#13

Acrolein

Concen: 265.301 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

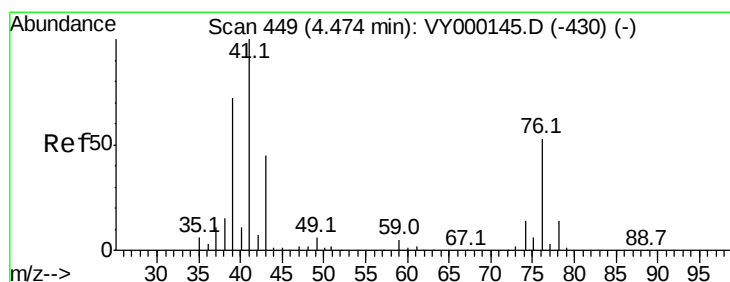
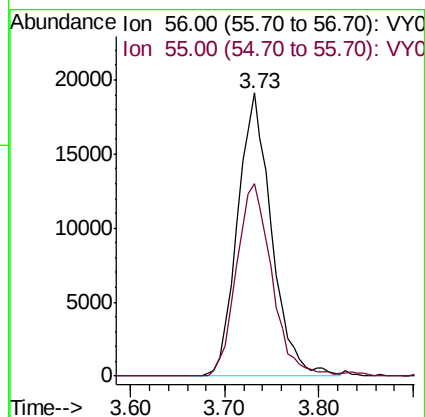
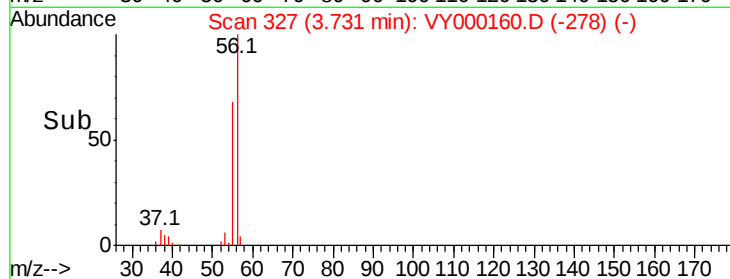
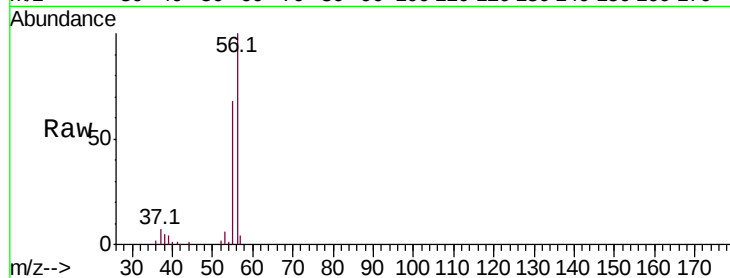
ClientSampleId :

Tot Ion: 56 Resp: 48146

Ion Ratio Lower Upper

56 100

55 70.6 53.1 79.7



#14

Allyl chloride

Concen: 52.704 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

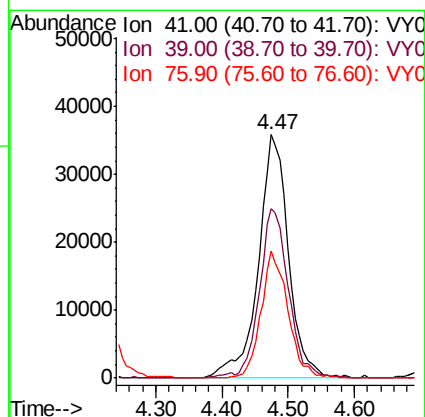
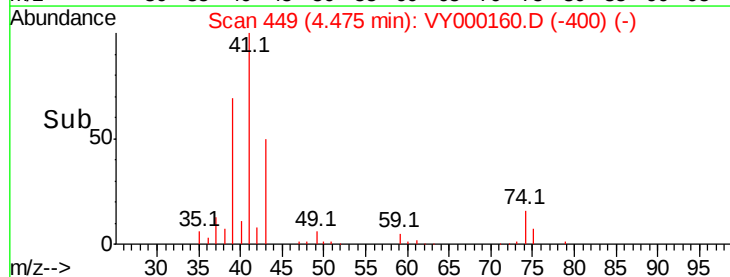
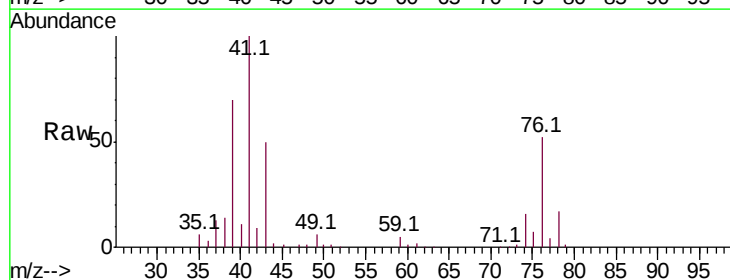
Tgt Ion: 41 Resp: 113269

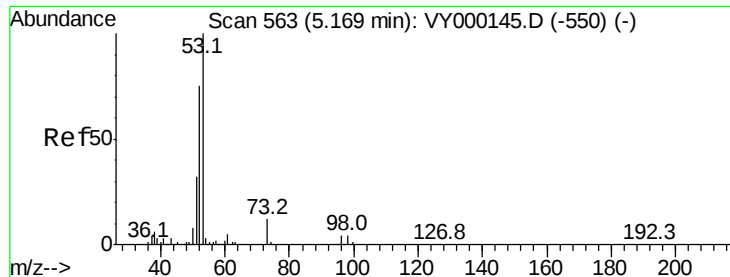
Ion Ratio Lower Upper

41 100

39 67.9 54.6 82.0

76 46.9 39.0 58.6





#15

Acrylonitrile

Concen: 296.753 ug/l

RT: 5.16 min Scan# 562

Delta R.T. -0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampled :

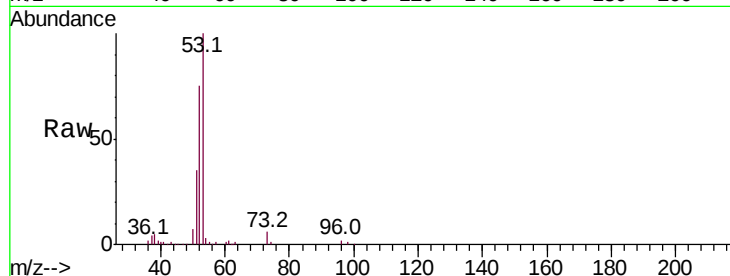
Tot Ion: 53 Resp: 134996

Ion Ratio Lower Upper

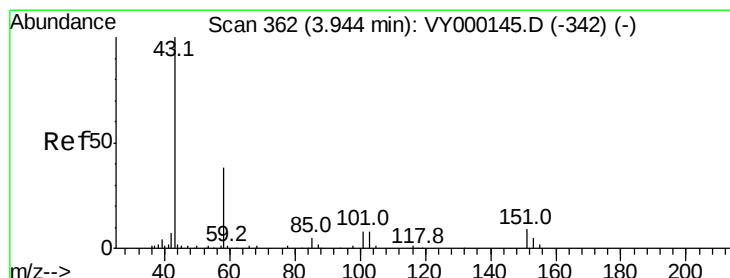
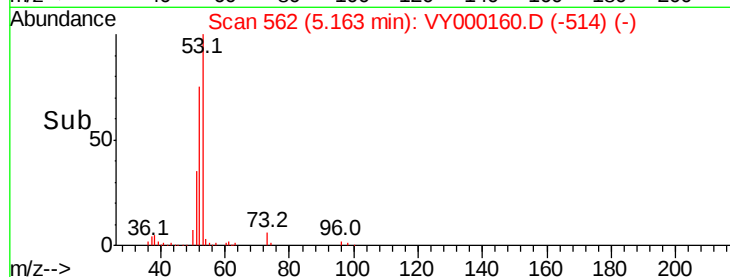
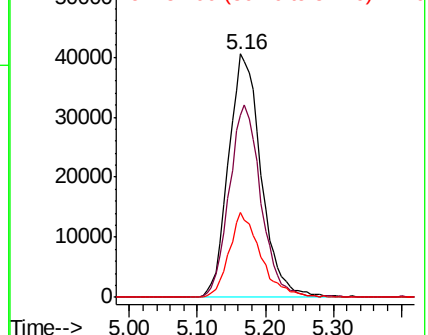
53 100

52 76.6 62.9 94.3

51 33.8 27.5 41.3



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: 240.274 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000160.D

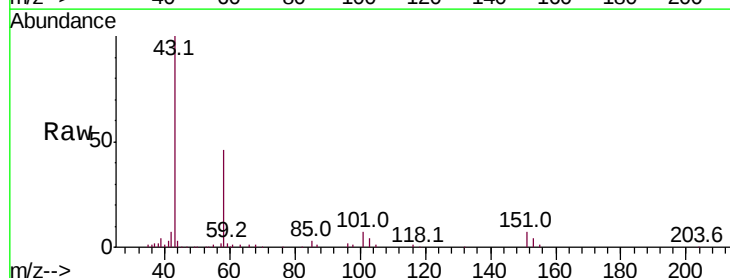
Acq: 26 Sep 2019 18:11

Tgt Ion: 43 Resp: 89149

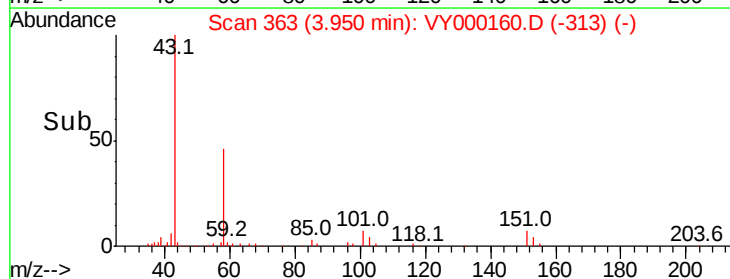
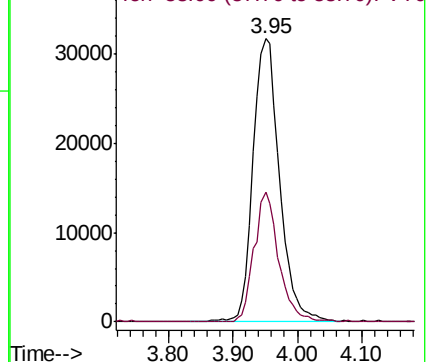
Ion Ratio Lower Upper

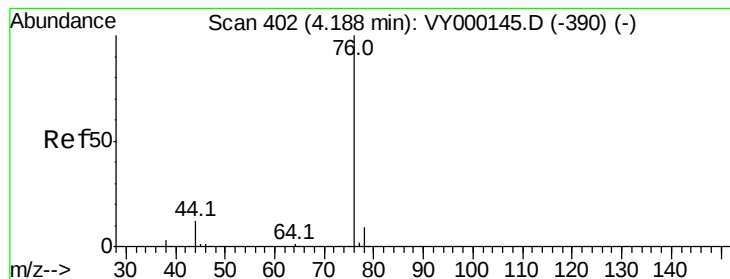
43 100

58 46.1 30.4 45.6#



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





#17

Carbon Disulfide

Concen: 53.513 ug/l

RT: 4.19 min Scan# 402

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

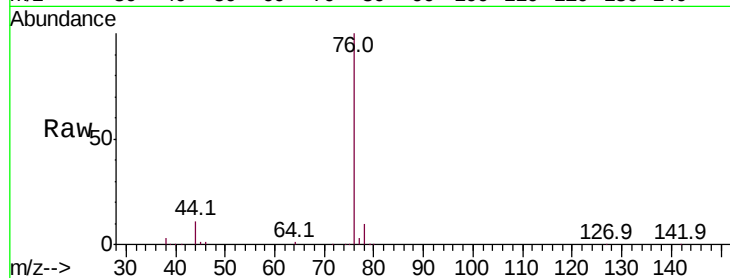
ClientSampleId :

Tot Ion: 76 Resp: 285080

Ion Ratio Lower Upper

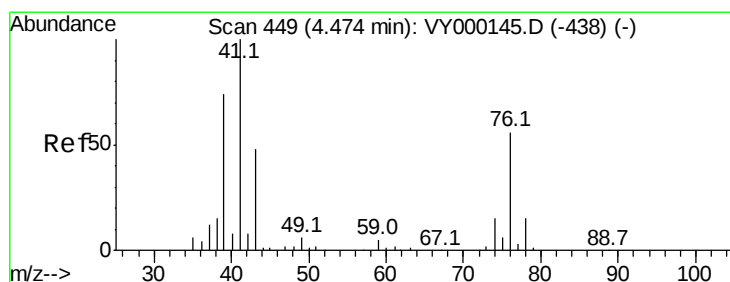
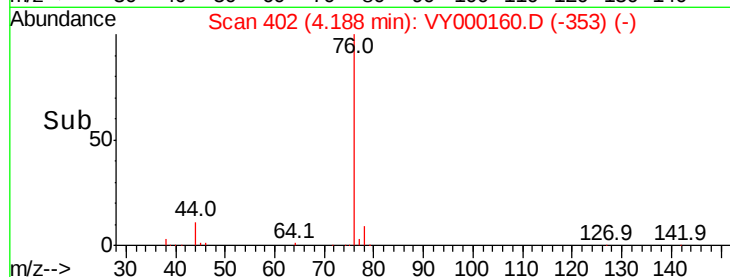
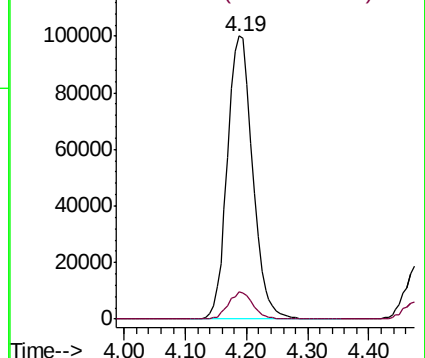
76 100

78 9.5 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 53.706 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.01 min

Lab File: VY000160.D

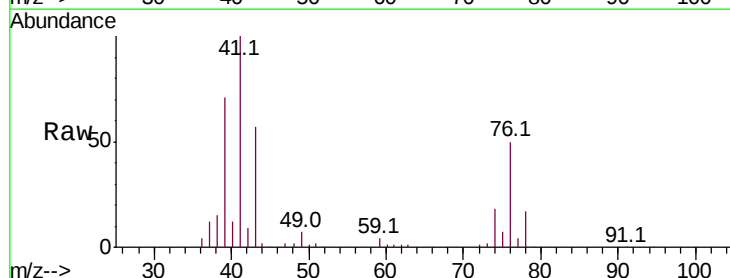
Acq: 26 Sep 2019 18:11

Tgt Ion: 43 Resp: 56967

Ion Ratio Lower Upper

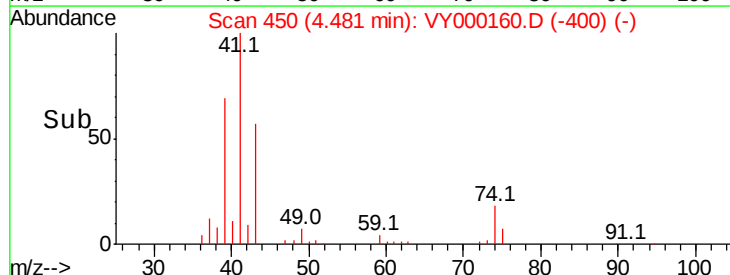
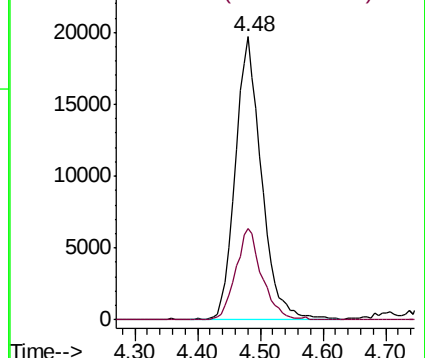
43 100

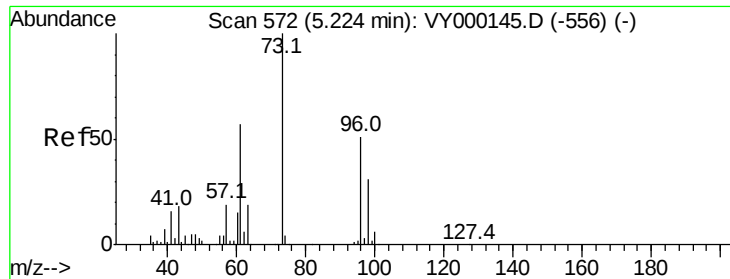
74 32.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

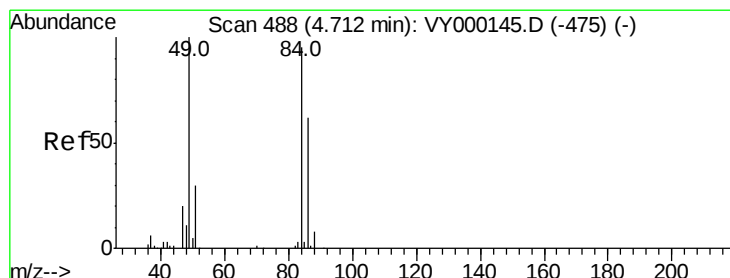
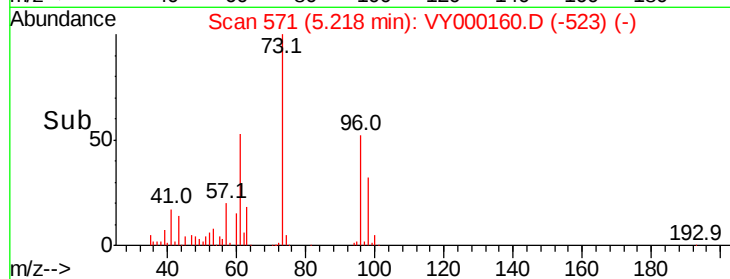
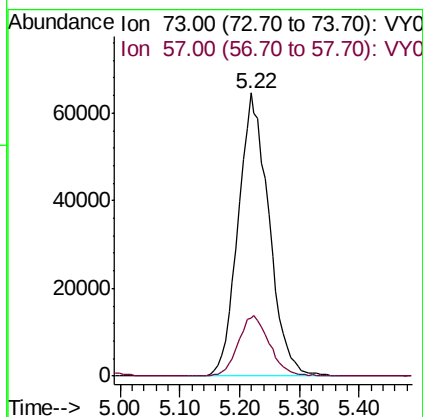
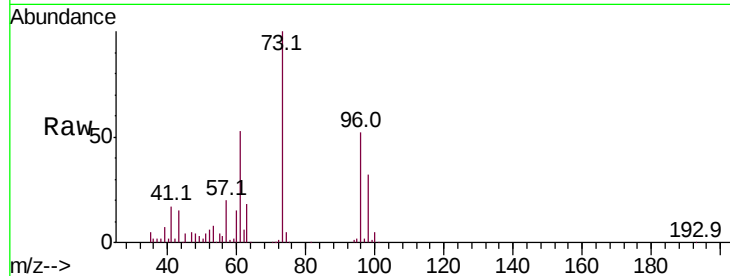




#19
Methvl tert-butvl Ether
Concen: 57.074 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

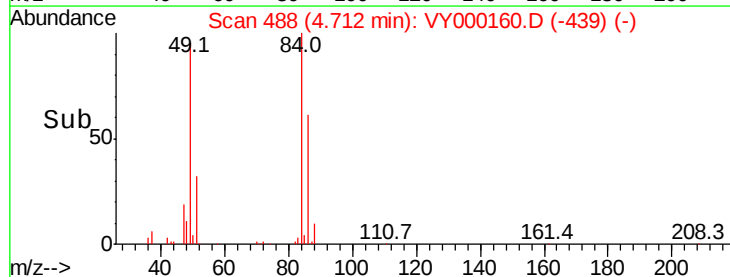
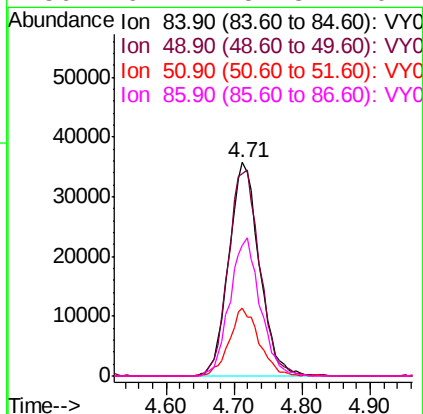
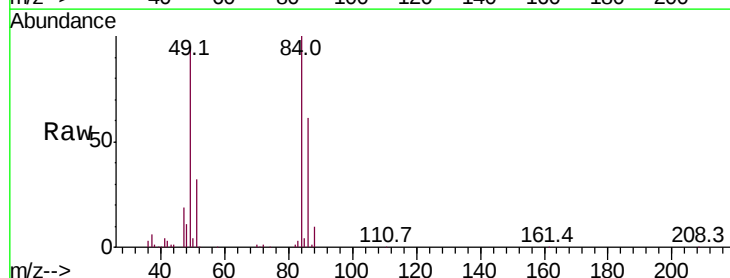
Instrument :
MSVOA_Y
ClientSampled :

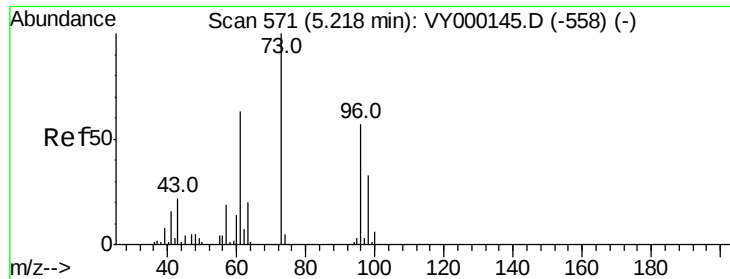
Tot Ion: 73 Resp: 232053
Ion Ratio Lower Upper
73 100
57 20.3 15.5 23.3



#20
Methylene Chloride
Concen: 63.205 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 84 Resp: 111495
Ion Ratio Lower Upper
84 100
49 95.0 84.6 126.8
51 31.8 25.4 38.2
86 61.1 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 53.789 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampled :

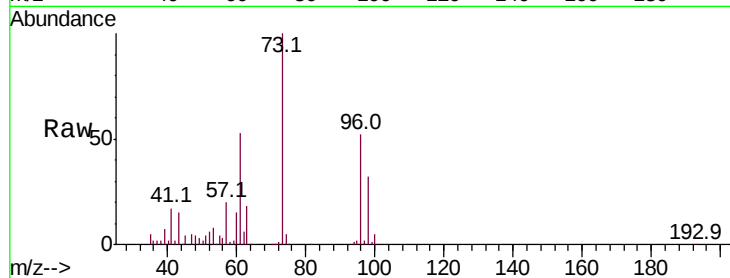
Tot Ion: 96 Resp: 102926

Ion Ratio Lower Upper

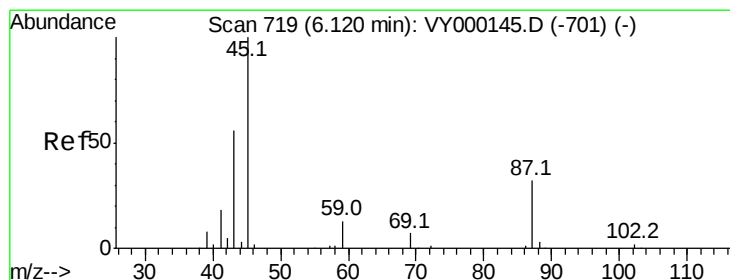
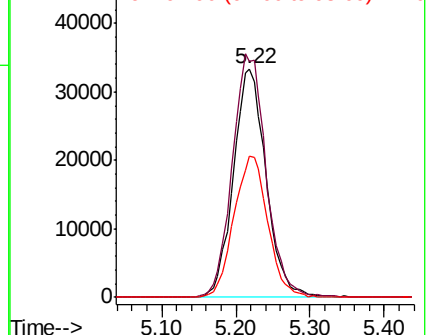
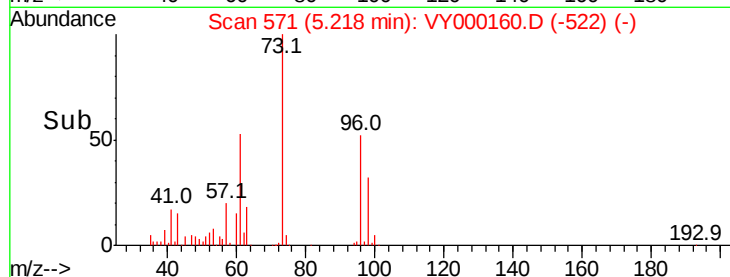
96 100

61 103.0 88.0 132.0

98 61.6 45.6 68.4



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: 52.919 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Tgt Ion: 45 Resp: 239012

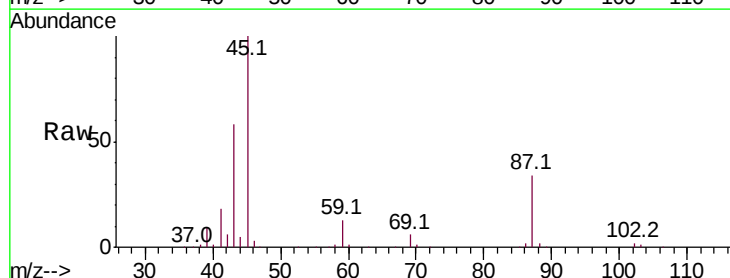
Ion Ratio Lower Upper

45 100

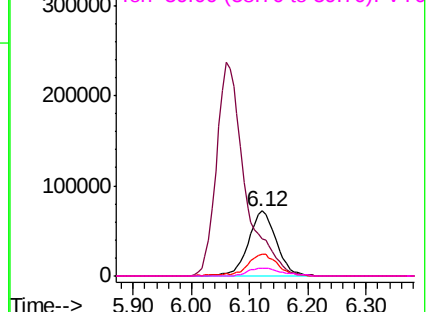
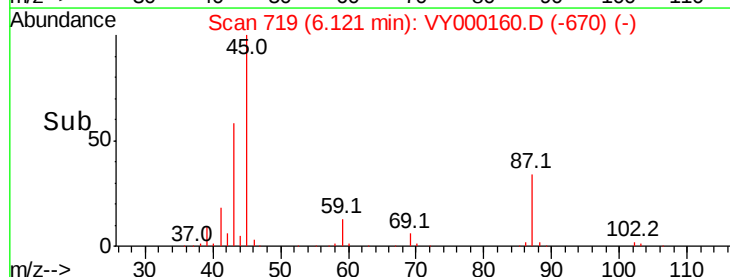
43 58.0 48.4 72.6

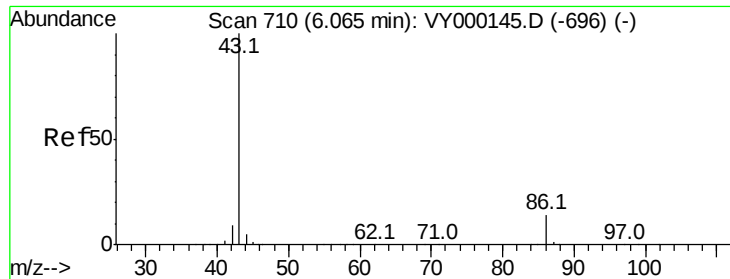
87 34.2 26.6 39.8

59 12.6 10.5 15.7



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: 282.755 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

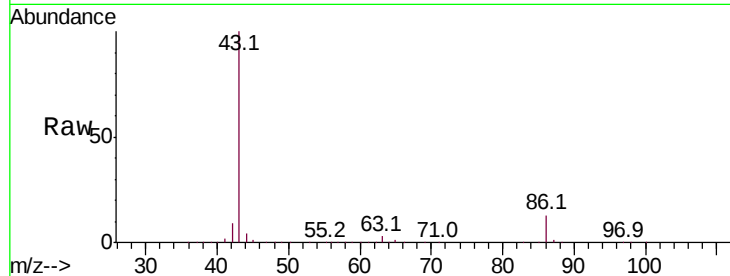
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 800353

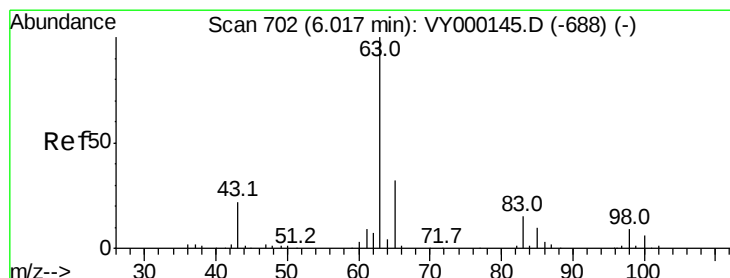
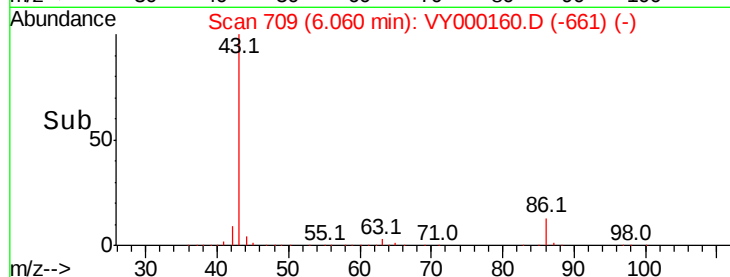
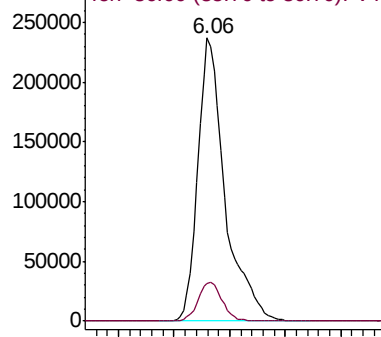
Ion Ratio Lower Upper

43 100

86 13.2 11.1 16.7



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



#24

1,1-Dichloroethane

Concen: 54.265 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

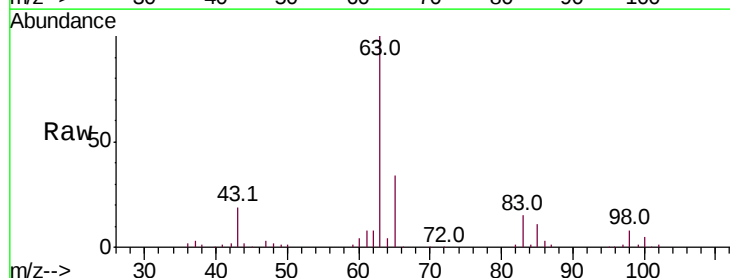
Tgt Ion: 63 Resp: 148367

Ion Ratio Lower Upper

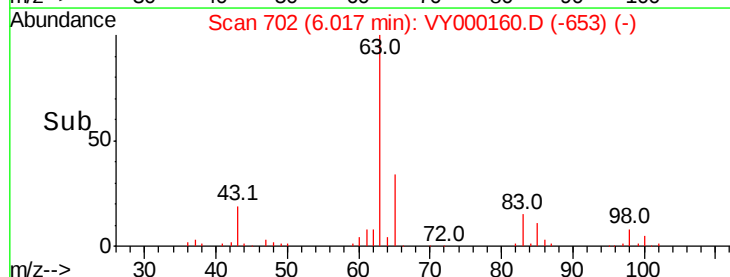
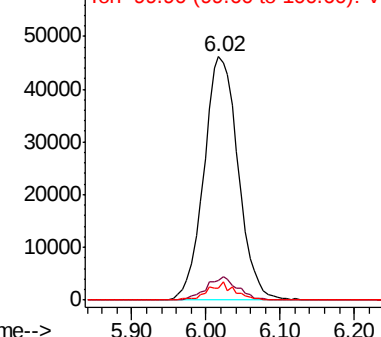
63 100

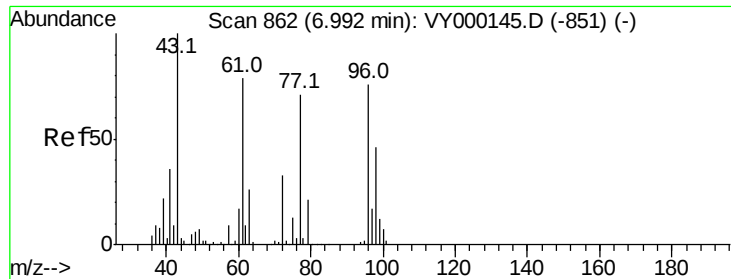
98 8.1 4.6 13.8

100 4.8 2.8 8.4



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: 273.758 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

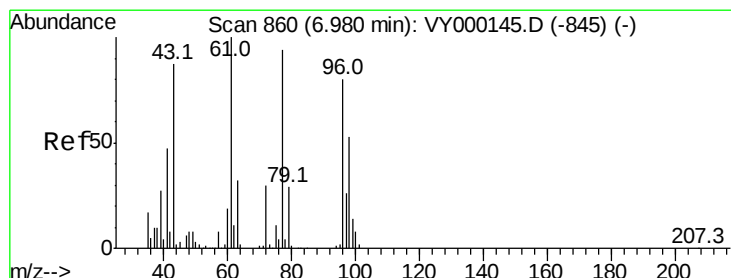
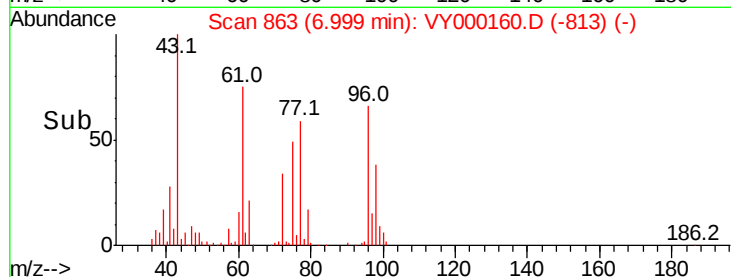
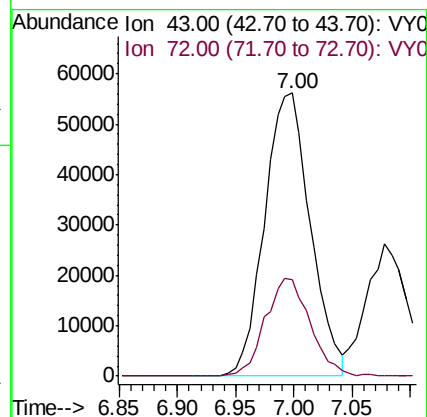
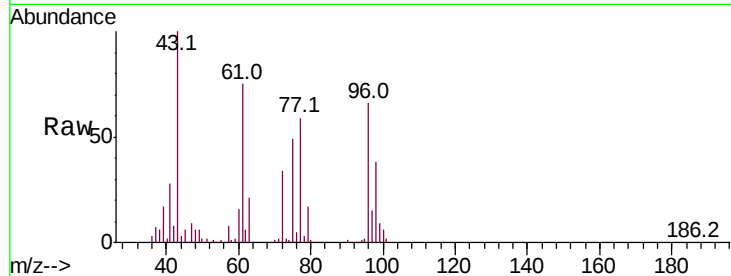
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 153726

Ion Ratio Lower Upper

43 100

72 33.9 26.8 40.2



#26

2,2-Dichloropropane

Concen: 50.423 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.01 min

Lab File: VY000160.D

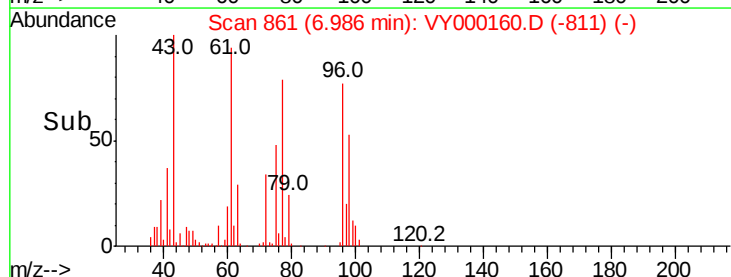
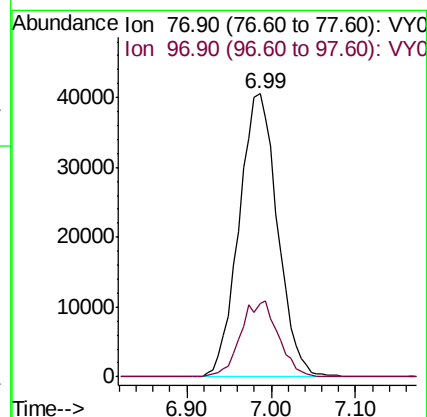
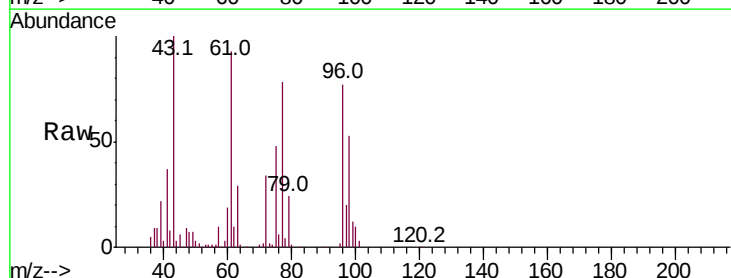
Acq: 26 Sep 2019 18:11

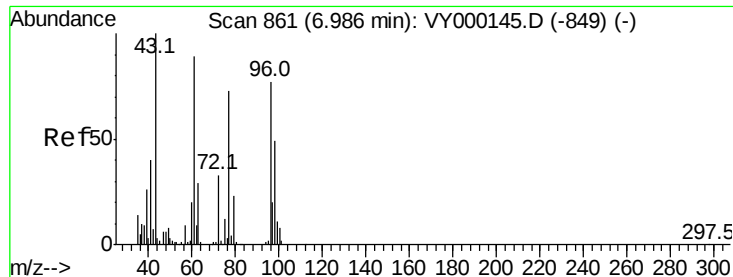
Tgt Ion: 77 Resp: 125355

Ion Ratio Lower Upper

77 100

97 26.3 13.0 38.9



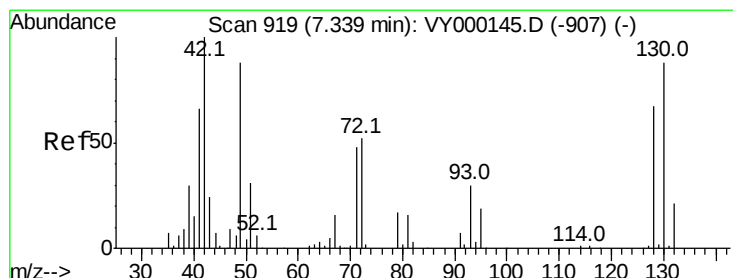
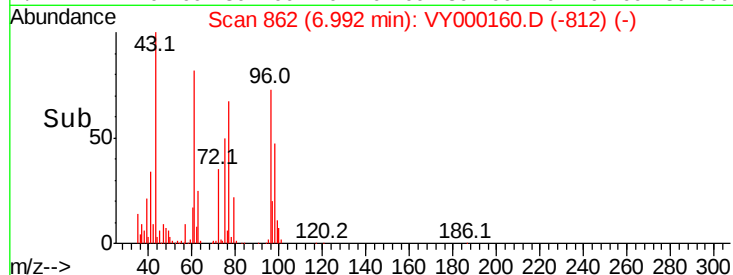
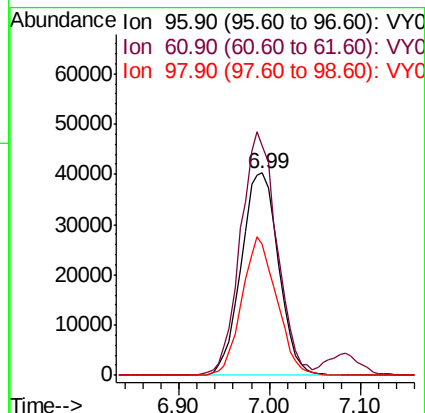
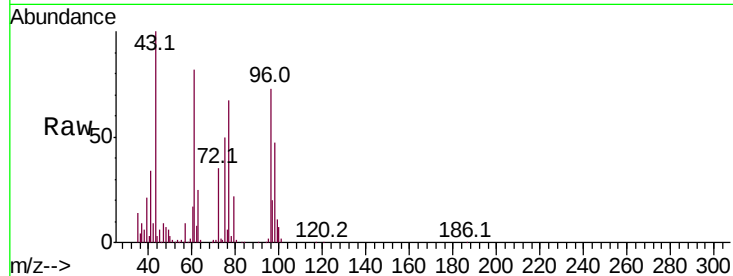


#27

cis-1,2-Dichloroethene
Concen: 54.110 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampled :

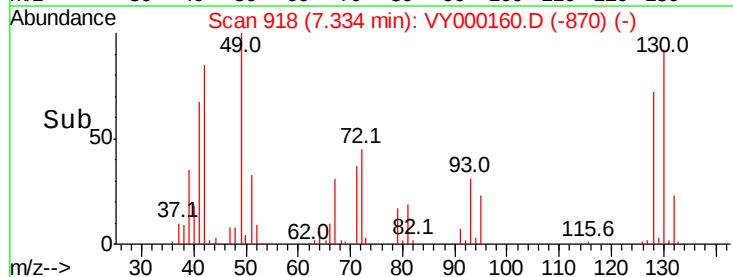
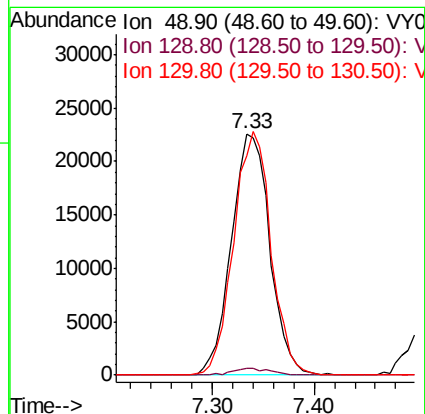
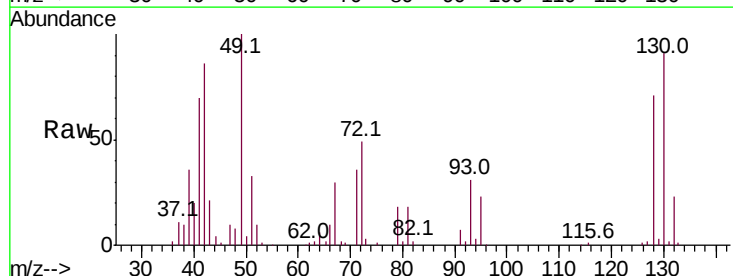
Tot Ion: 96 Resp: 115070
Ion Ratio Lower Upper
96 100
61 117.6 0.0 232.8
98 63.7 0.0 128.8

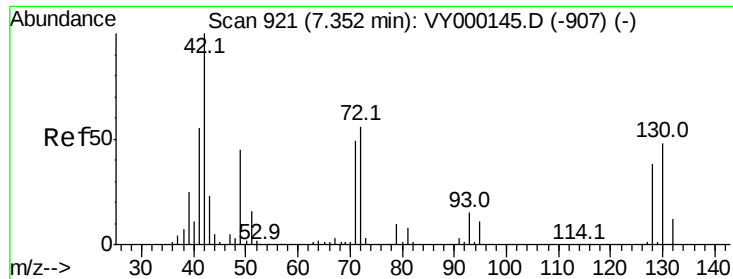


#28

Bromochloromethane
Concen: 56.620 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 49 Resp: 58979
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.6
130 98.1 79.5 119.3

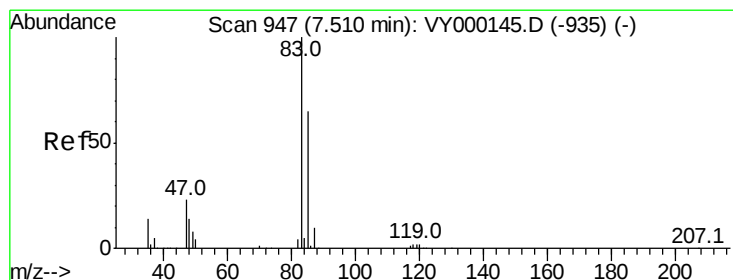
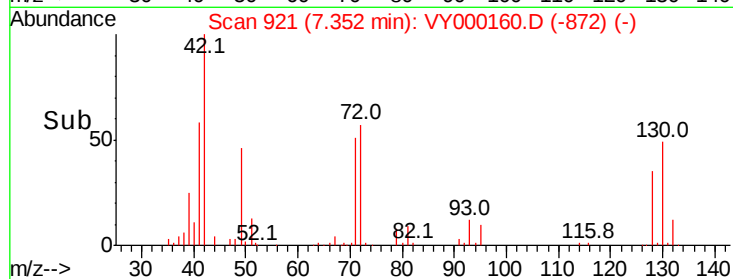
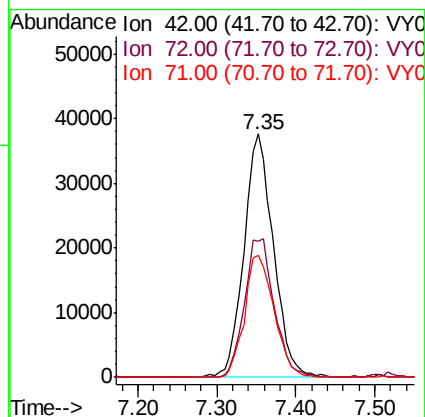
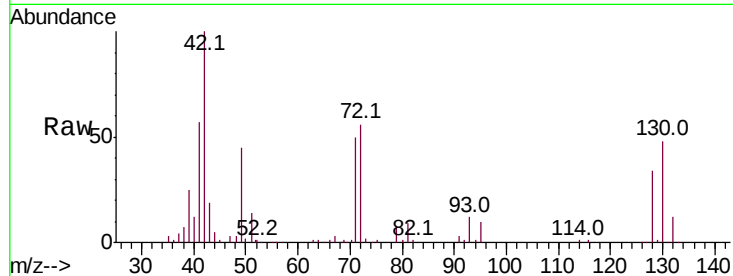




#29
Tetrahydrofuran
Concen: 282.834 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

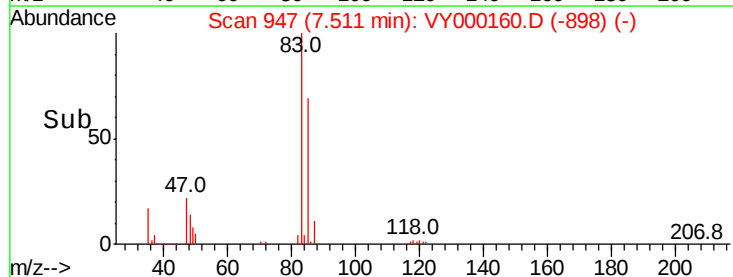
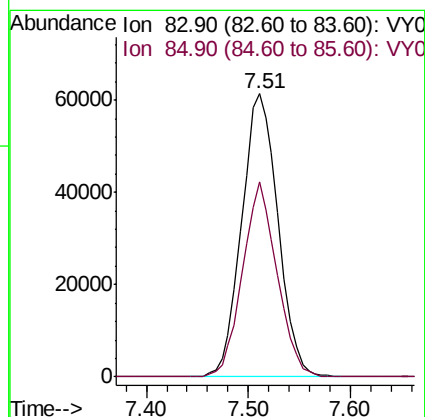
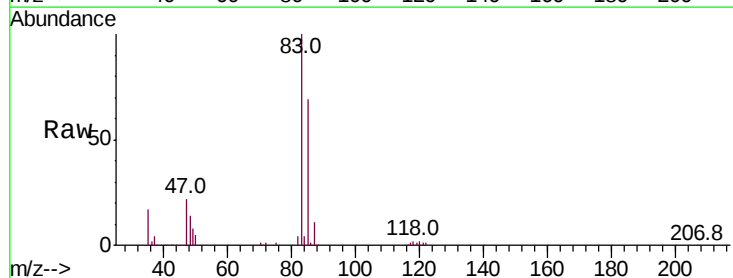
Instrument :
MSVOA_Y
ClientSampleId :

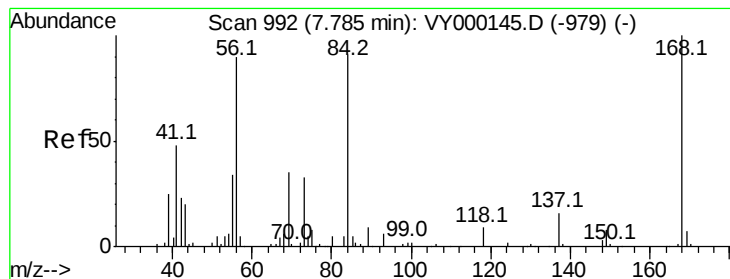
Tot Ion: 42 Resp: 97909
Ion Ratio Lower Upper
42 100
72 57.6 43.1 64.7
71 50.7 39.4 59.2



#30
Chloroform
Concen: 52.995 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 83 Resp: 151649
Ion Ratio Lower Upper
83 100
85 68.9 52.4 78.6





#31

Cyclohexane

Concen: 49.186 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :

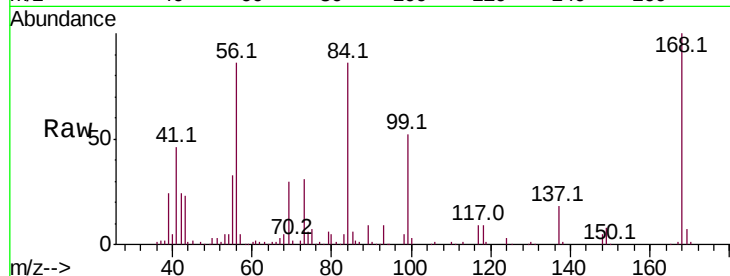
Tot Ion: 56 Resp: 139032

Ion Ratio Lower Upper

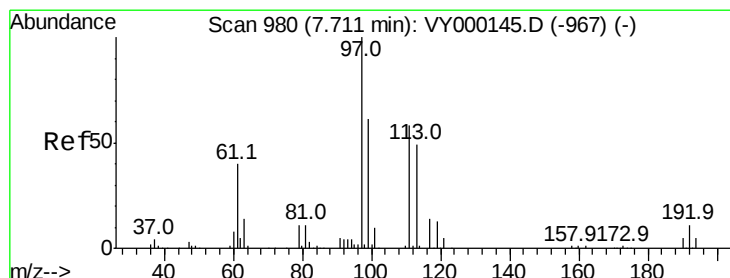
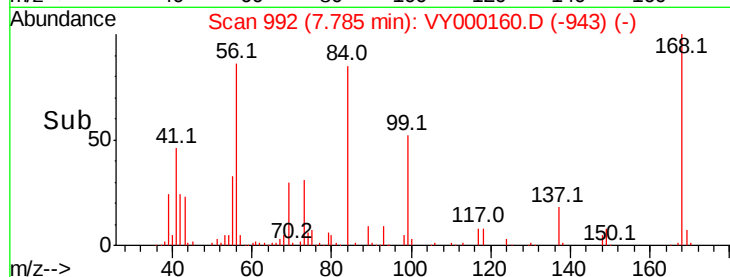
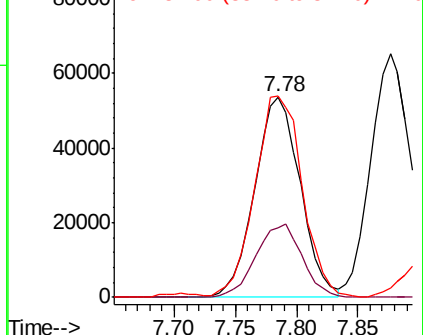
56 100

69 34.5 31.1 46.7

84 98.7 80.5 120.7



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.411 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

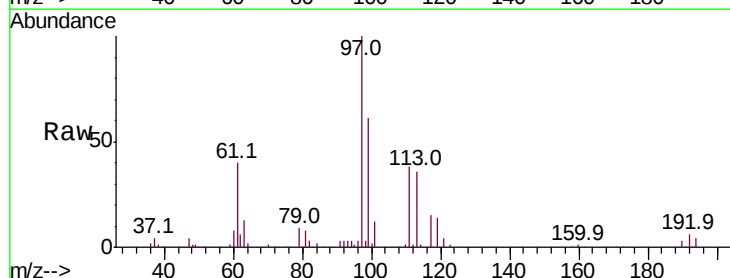
Tgt Ion: 97 Resp: 128998

Ion Ratio Lower Upper

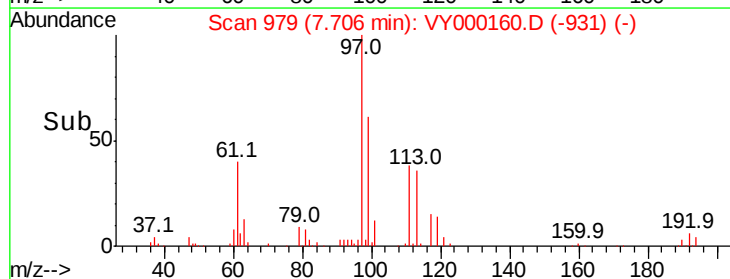
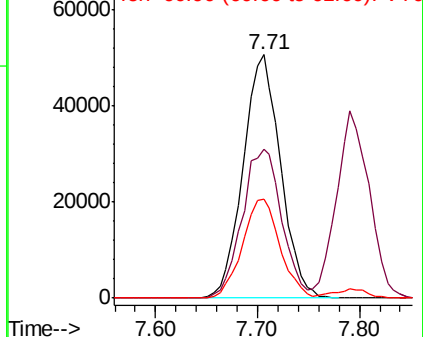
97 100

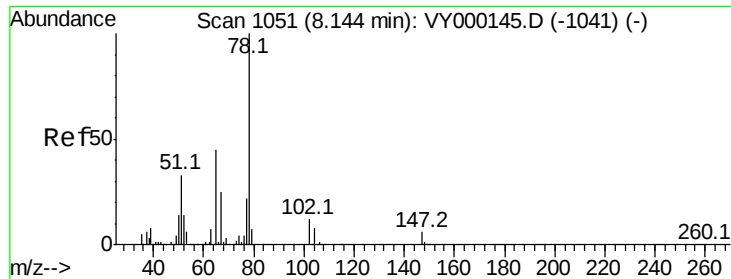
99 64.4 50.5 75.7

61 40.9 32.9 49.3



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

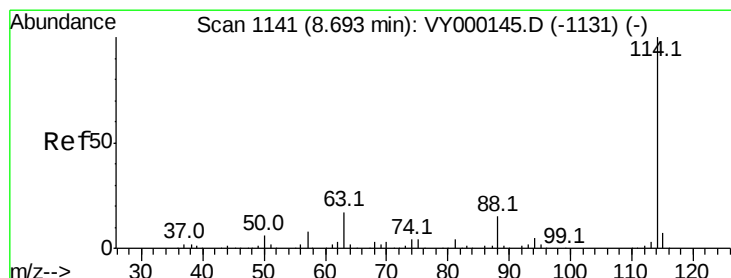
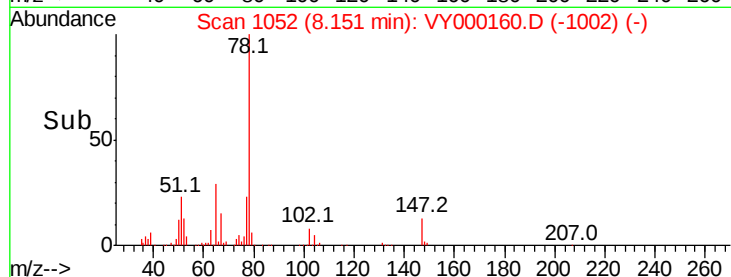
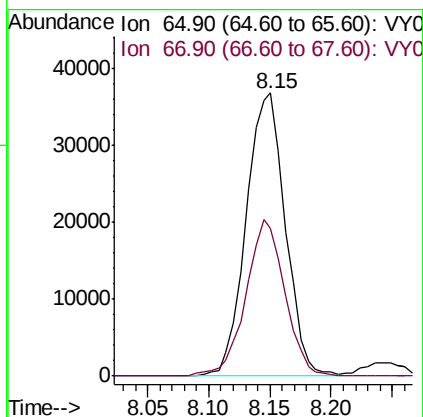
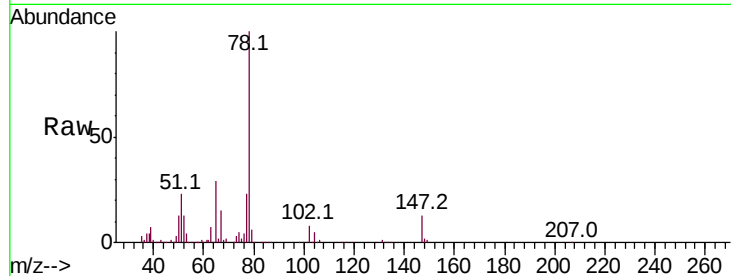




#33
 1,2-Dichloroethane-d4
 Concen: 55.880 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

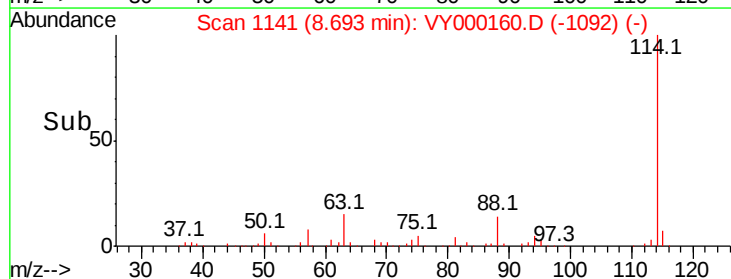
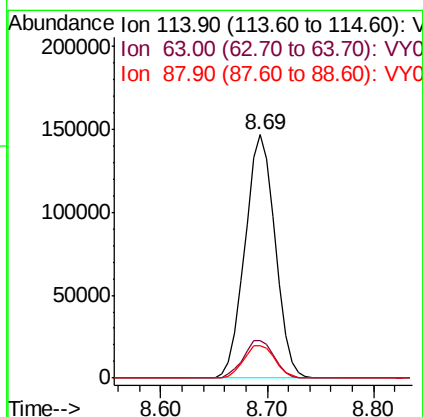
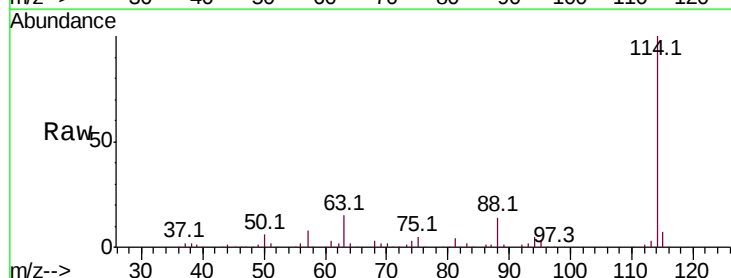
Instrument :
 MSVOA_Y
 ClientSampleId :

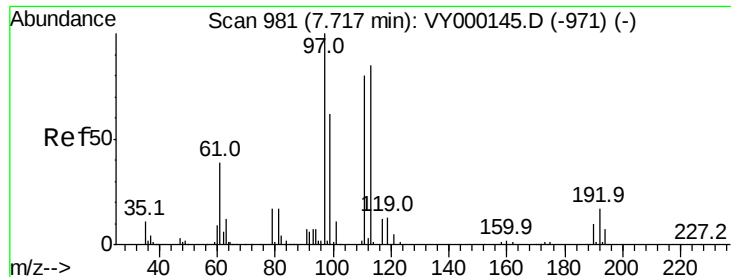
Tot Ion: 65 Resp: 81734
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion: 114 Resp: 292723
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 34.6
 88 13.6 0.0 30.6

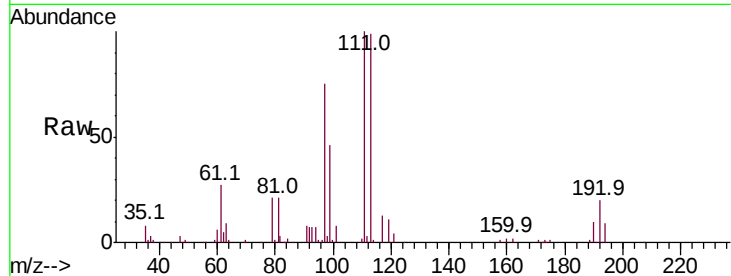




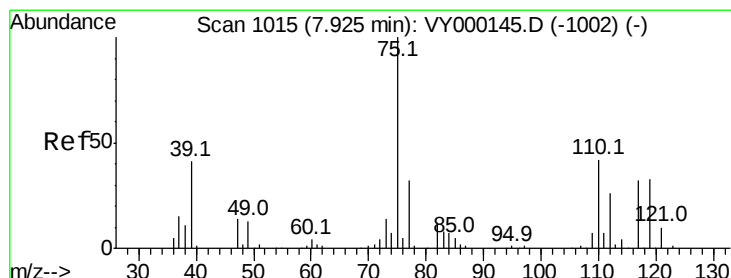
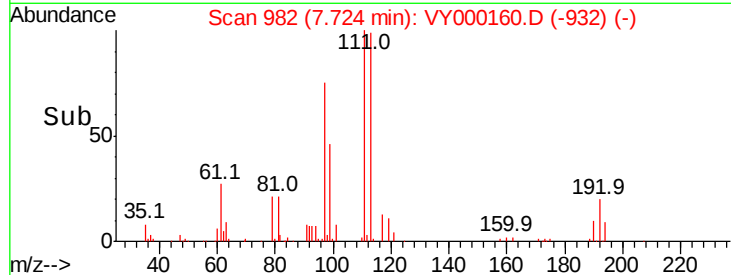
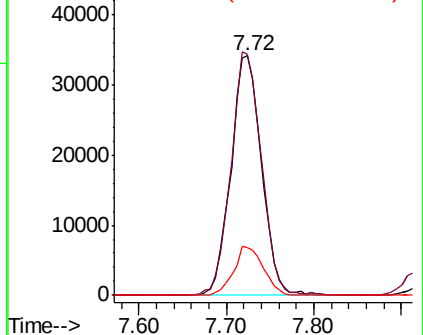
#35
 Dibromofluoromethane
 Concen: 54.236 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 83143
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.0 123.0
 192 20.0 17.3 25.9

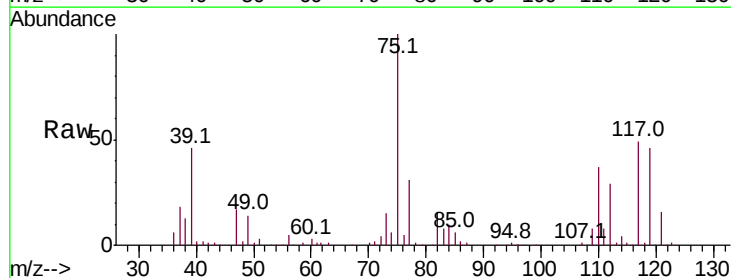


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

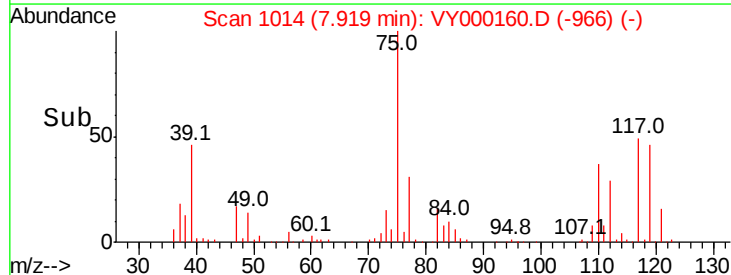
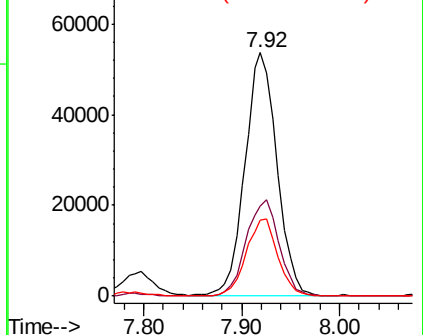


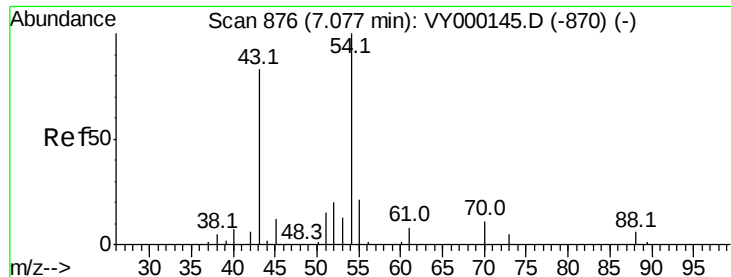
#36
 1,1-Dichloropropene
 Concen: 49.683 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion: 75 Resp: 120860
 Ion Ratio Lower Upper
 75 100
 110 40.9 21.1 63.1
 77 31.6 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

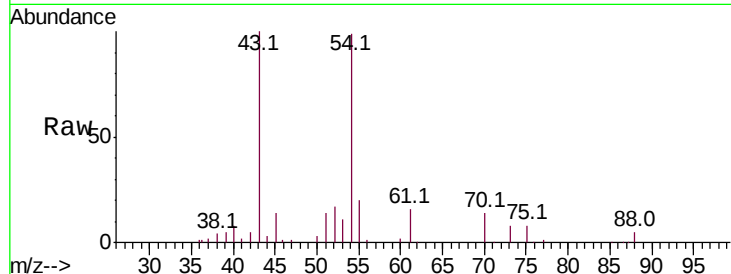




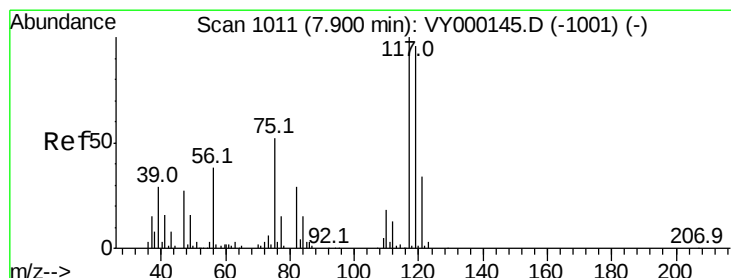
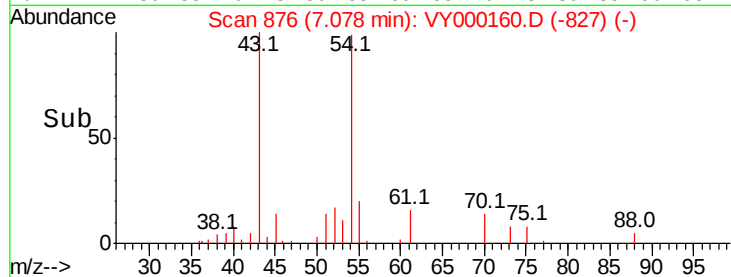
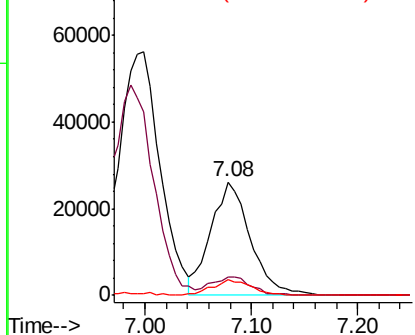
#37
Ethyl Acetate
Concen: 52.098 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 66947
Ion Ratio Lower Upper
43 100
61 17.0 11.9 17.9
70 13.6 10.2 15.2

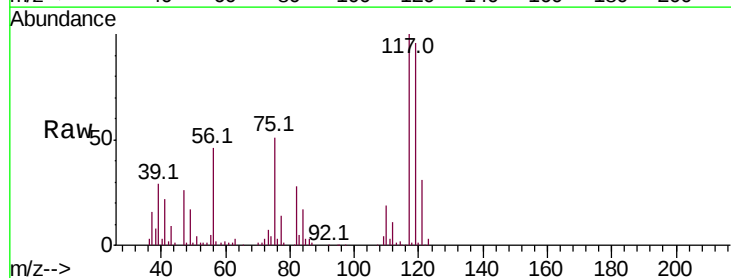


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

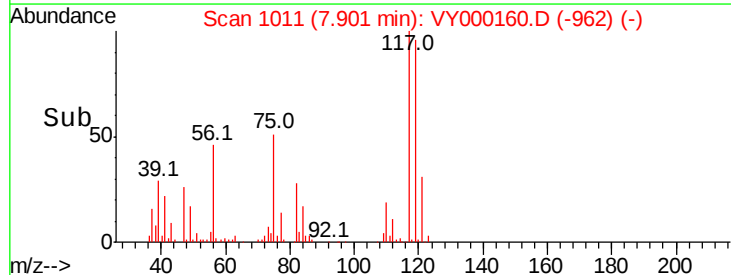
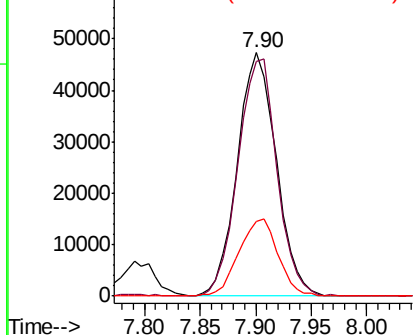


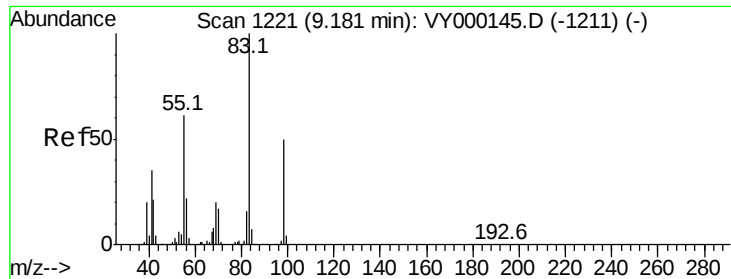
#38
Carbon Tetrachloride
Concen: 48.554 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 117 Resp: 115305
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3
121 30.6 27.4 41.0



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

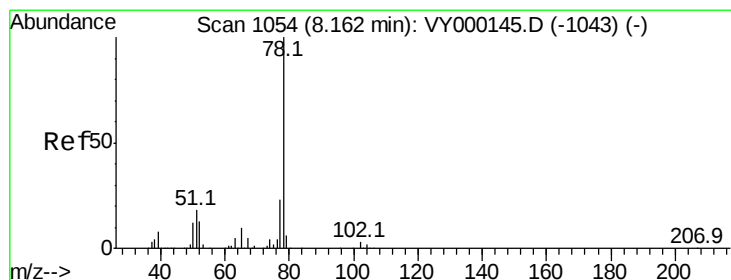
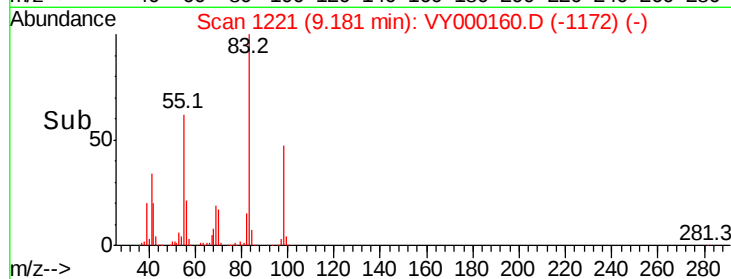
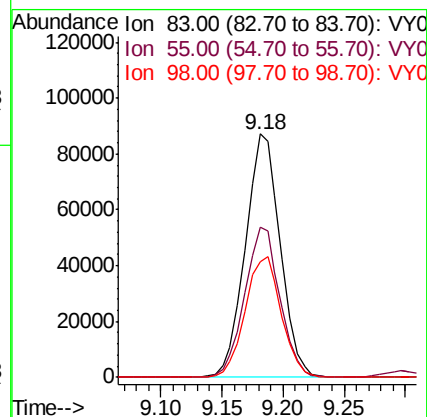
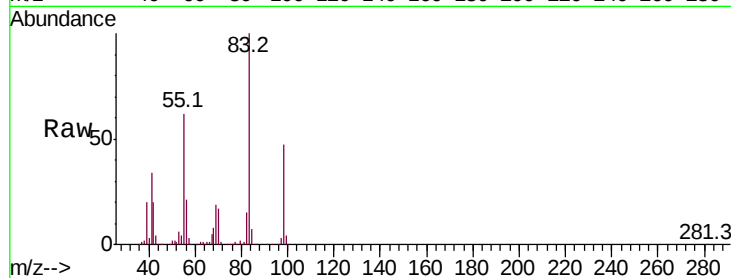




#39
Methvlcvclohexane
Concen: 50.064 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

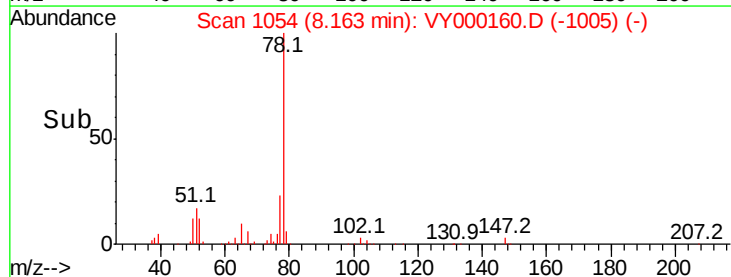
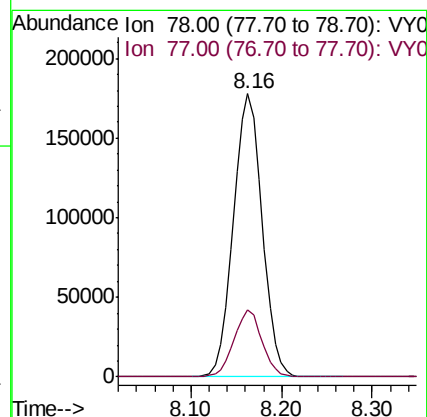
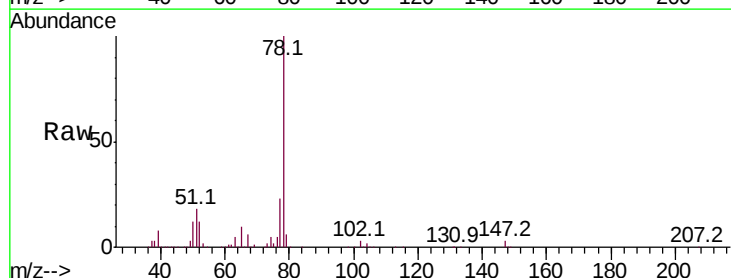
Instrument :
MSVOA_Y
ClientSampled :

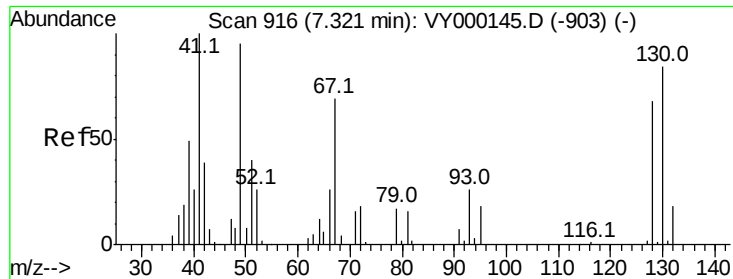
Tot Ion	83	Resp	172735
Ion Ratio	Lower	Upper	
83	100		
55	61.9	49.1	73.7
98	47.5	40.0	60.0



#40
Benzene
Concen: 50.868 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion	78	Resp	390880
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.2	27.4





#41

Methacrylonitrile

Concen: 140.271 ug/l

RT: 7.35 min Scan# 921

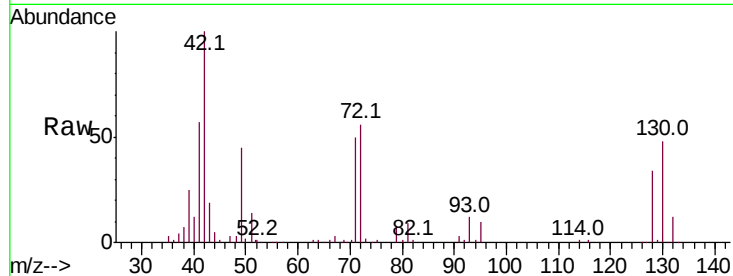
Delta R.T. 0.03 min

Lab File: VY000160.D

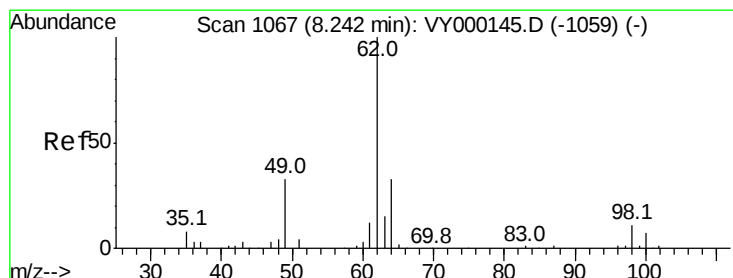
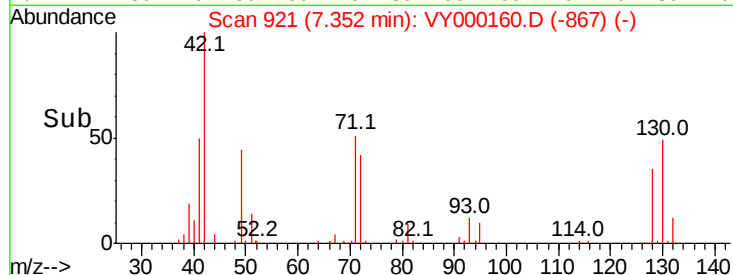
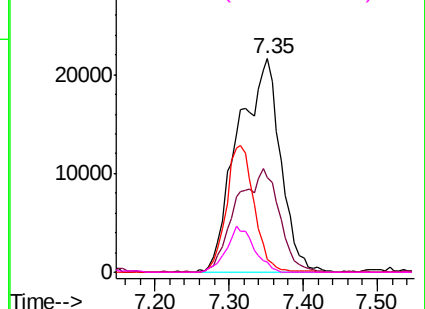
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	86826
Ion	Ratio	Lower	Upper
41	100		
39	48.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



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



#42

1,2-Dichloroethane

Concen: 51.210 ug/l

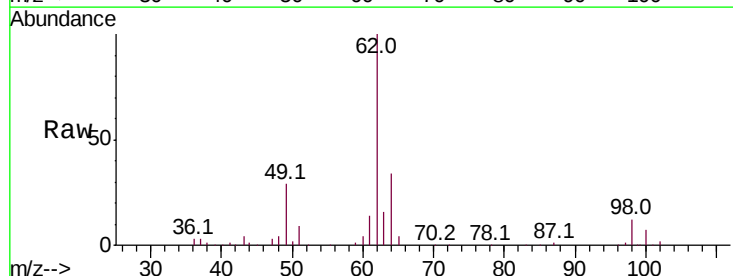
RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

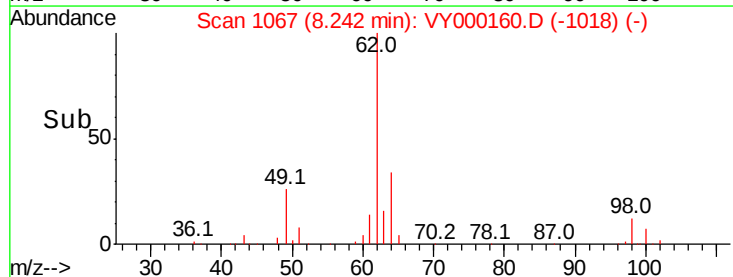
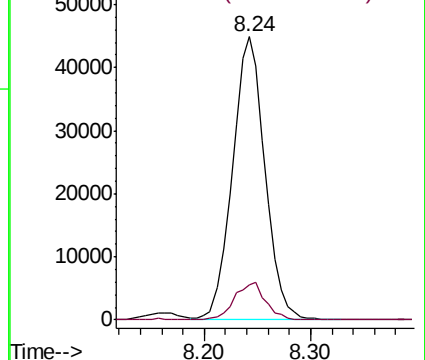
Lab File: VY000160.D

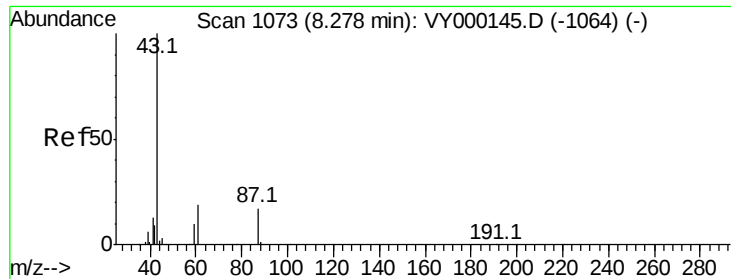
Acq: 26 Sep 2019 18:11

Tgt Ion:	62	Resp:	95745
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	24.8



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





#43

Isopropyl Acetate

Concen: 53.803 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

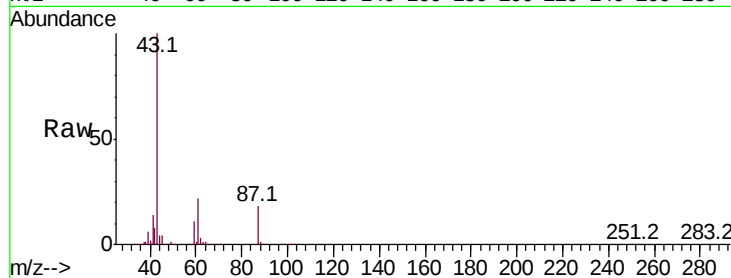
Tot Ion: 43 Resp: 127714

Ion Ratio Lower Upper

43 100

61 32.1 25.6 38.4

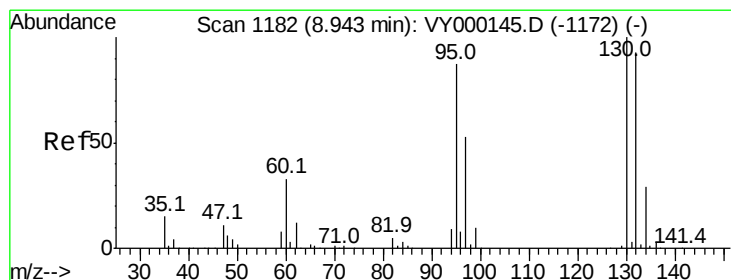
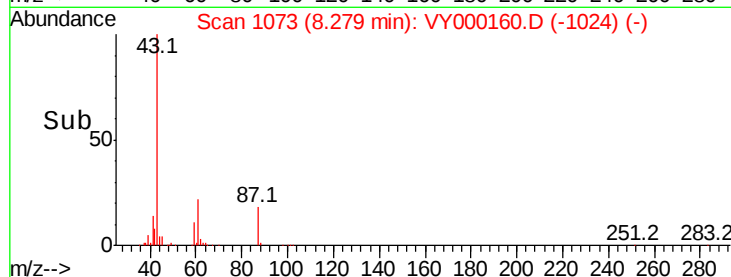
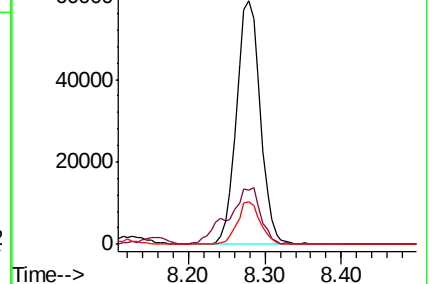
87 16.7 13.5 20.3



Abundance Ion 43.00 (42.70 to 43.70): VY000145.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY000145.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY000145.D (-1064) (-)



#44

Trichloroethene

Concen: 48.367 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000160.D

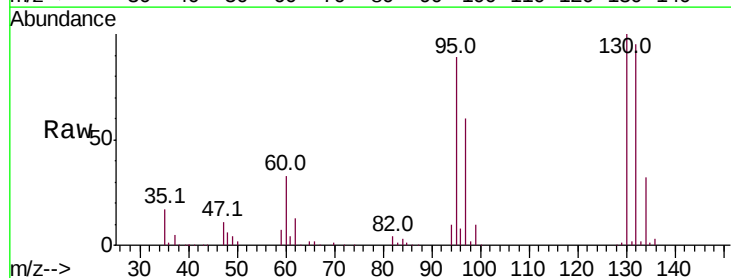
Acq: 26 Sep 2019 18:11

Tgt Ion:130 Resp: 118770

Ion Ratio Lower Upper

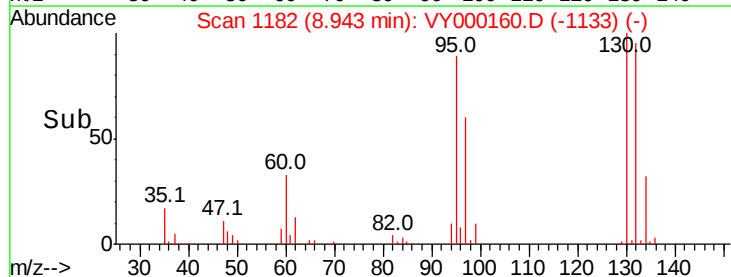
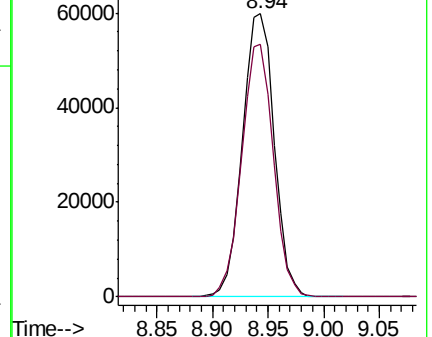
130 100

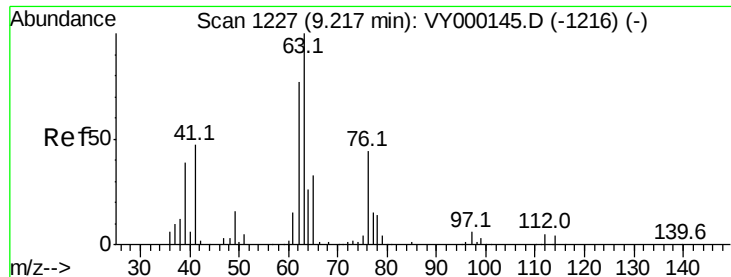
95 89.2 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): VY000145.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY000145.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 52.750 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

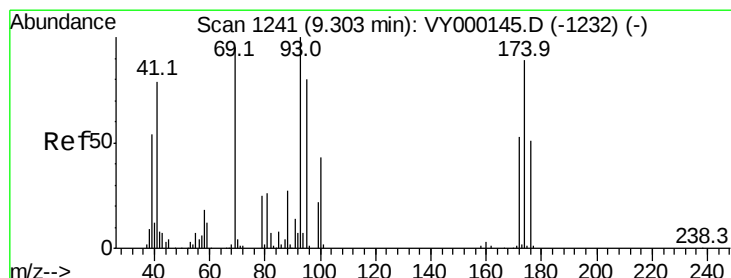
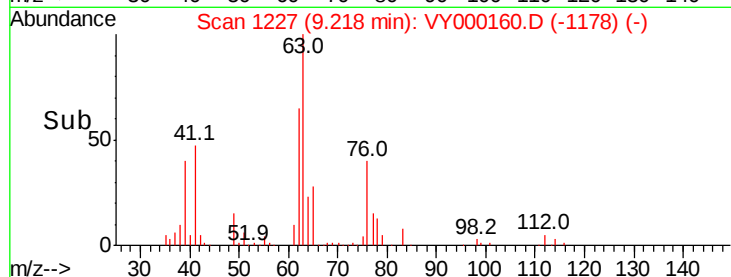
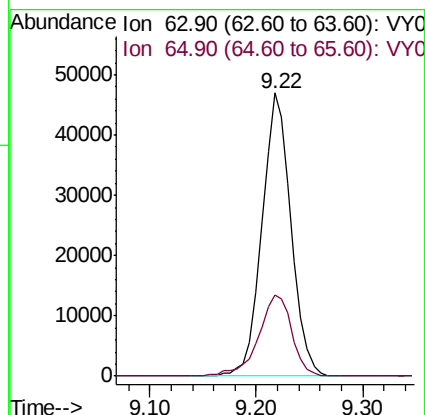
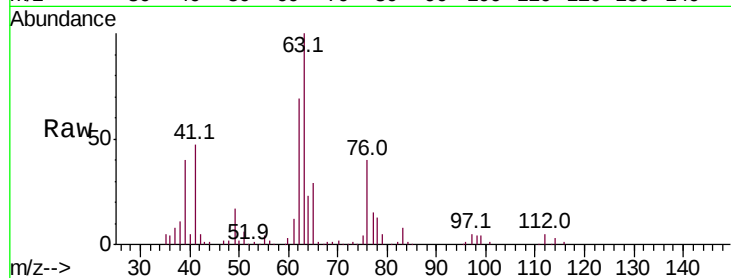
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 89418

Ion Ratio Lower Upper

63 100

65 28.8 26.8 40.2



#46

Dibromomethane

Concen: 53.265 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

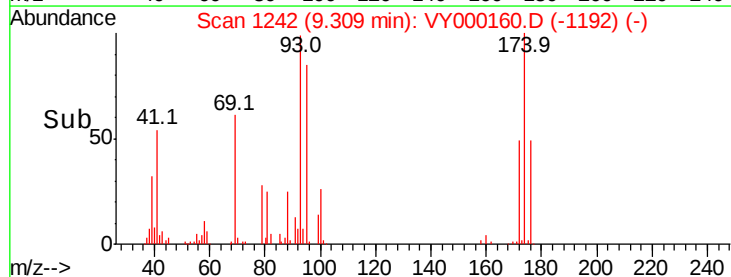
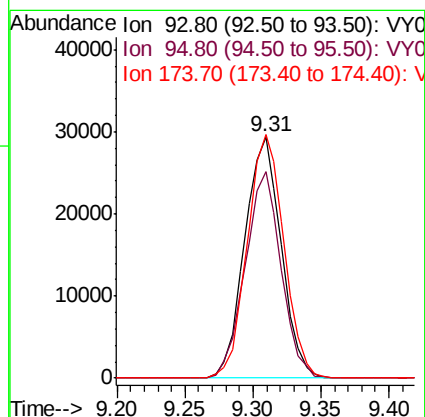
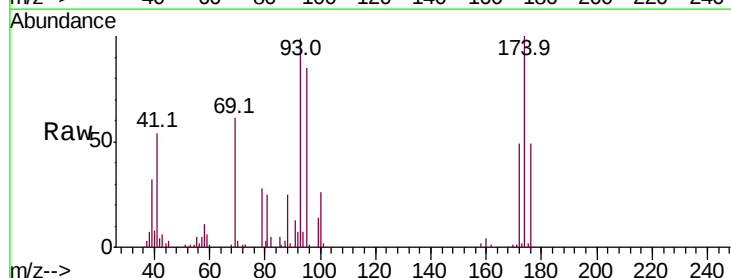
Tgt Ion: 93 Resp: 55103

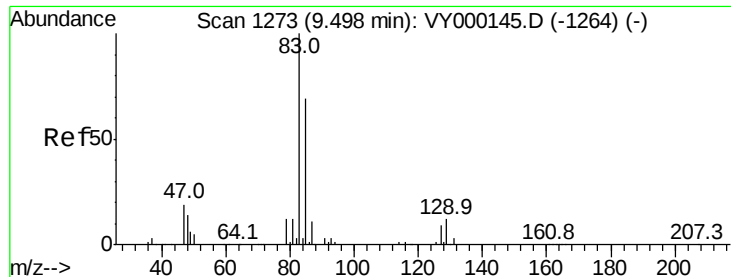
Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

174 101.5 87.3 130.9





#47

Bromodichloromethane

Concen: 51.637 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

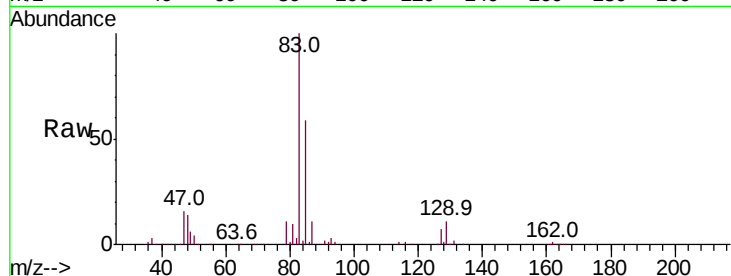
Tot Ion: 83 Resp: 120411

Ion Ratio Lower Upper

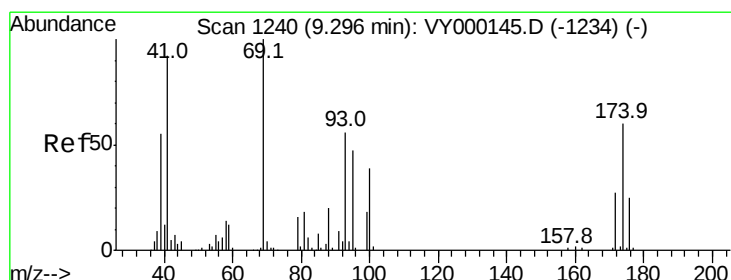
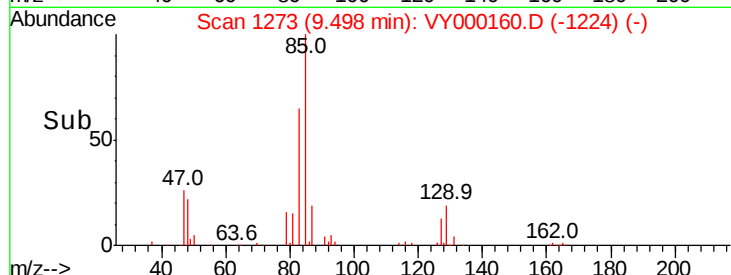
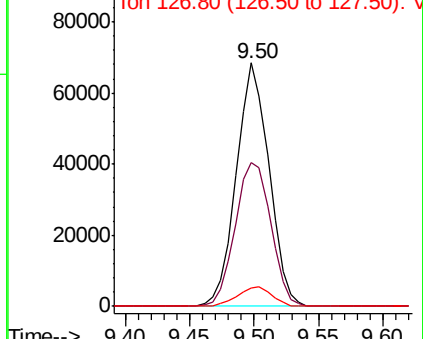
83 100

85 59.3 55.1 82.7

127 7.4 6.9 10.3



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: 51.924 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

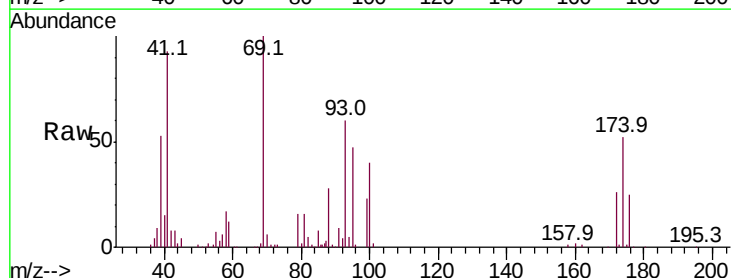
Tgt Ion: 41 Resp: 55192

Ion Ratio Lower Upper

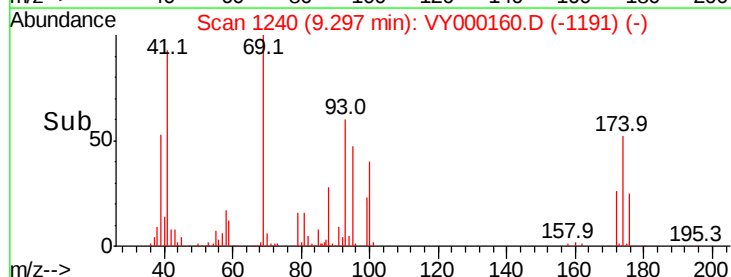
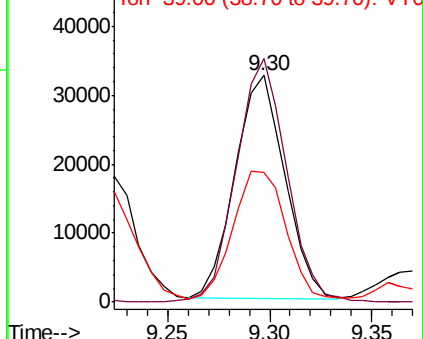
41 100

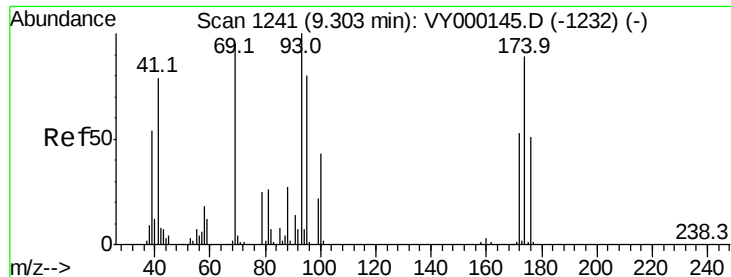
69 109.7 86.5 129.7

39 63.8 51.0 76.6



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: 1190.211 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :

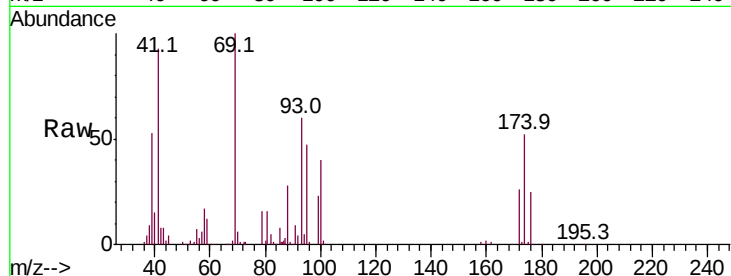
Tot Ion: 88 Resp: 19023

Ion Ratio Lower Upper

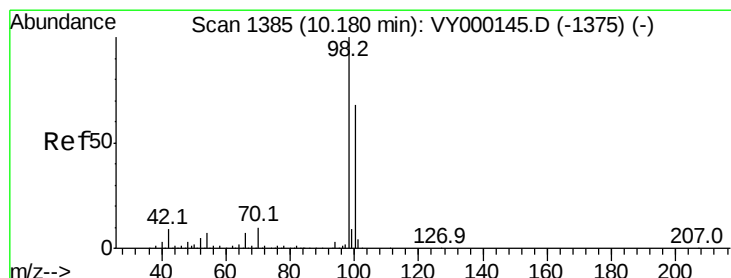
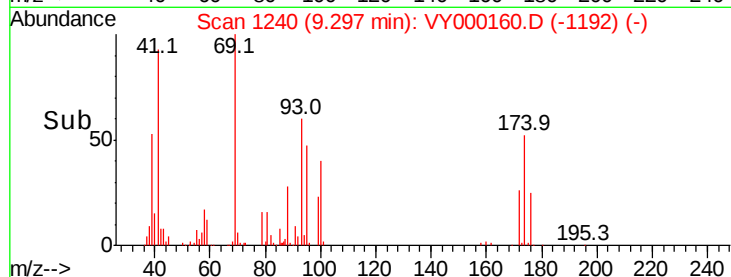
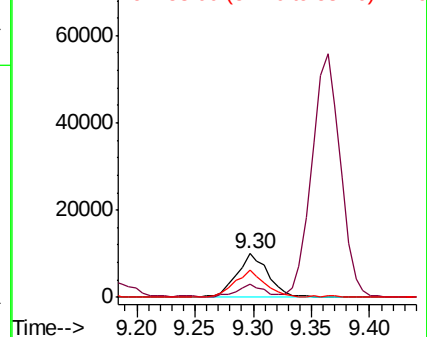
88 100

43 25.1 24.4 36.6

58 59.4 49.2 73.8



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: 52.208 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000160.D

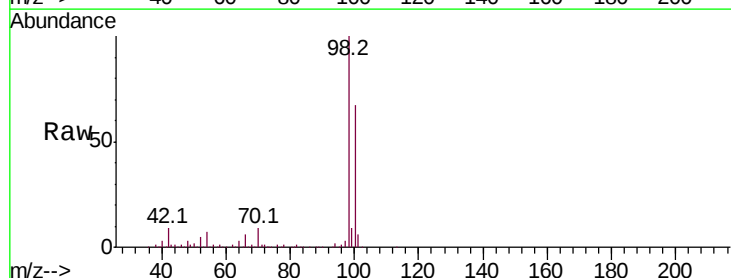
Acq: 26 Sep 2019 18:11

Tgt Ion: 98 Resp: 338675

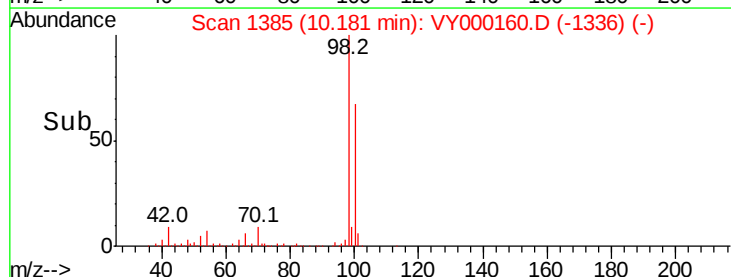
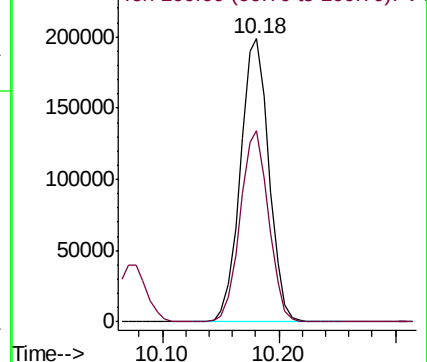
Ion Ratio Lower Upper

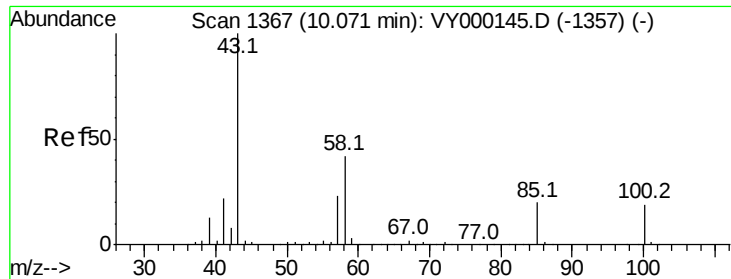
98 100

100 67.2 54.2 81.2



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

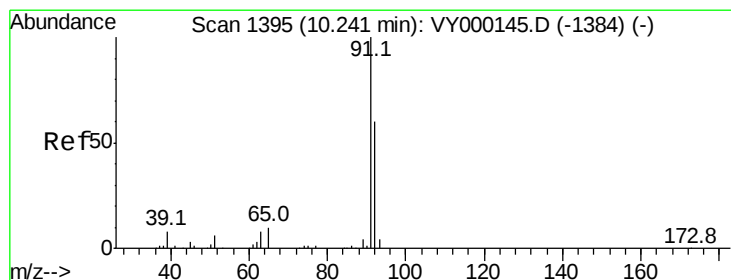
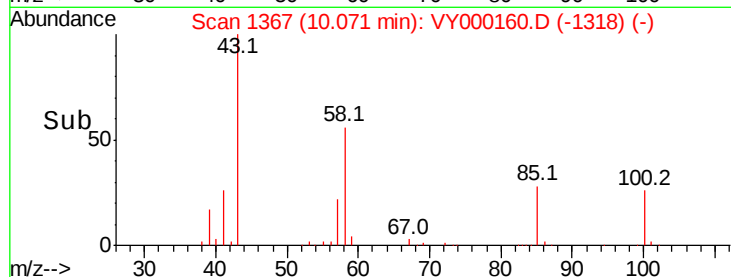
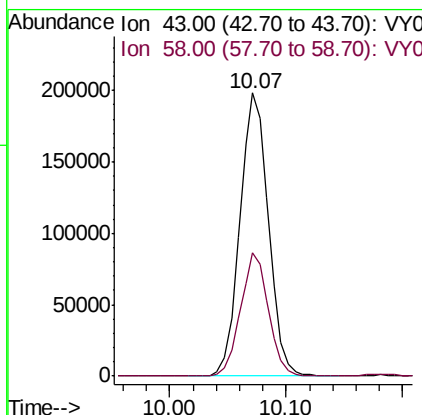
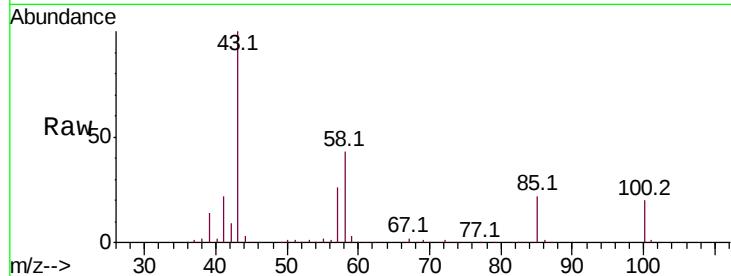




#51
 4-Methyl-2-Pentanone
 Concen: 273.906 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

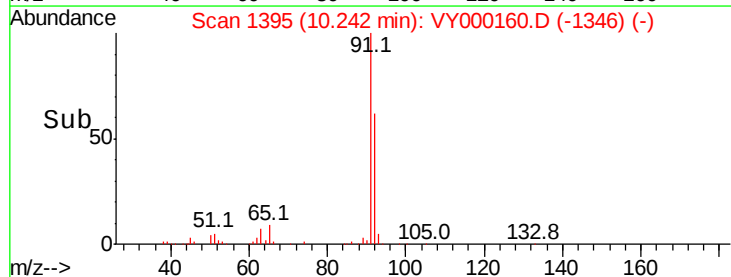
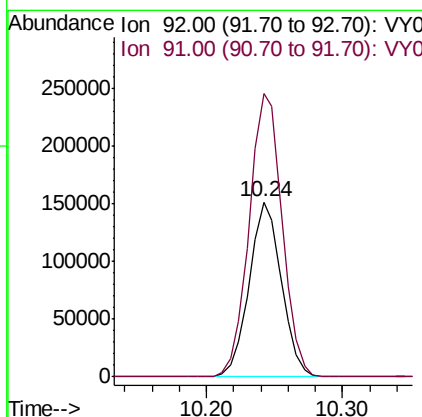
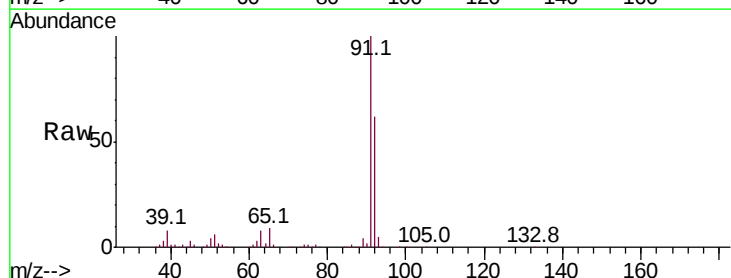
Instrument :
 MSVOA_Y
 ClientSampleId :

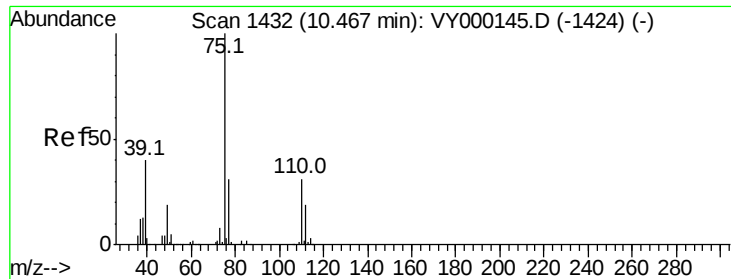
Tot Ion: 43 Resp: 337473
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.6 50.4



#52
 Toluene
 Concen: 50.545 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion: 92 Resp: 251537
 Ion Ratio Lower Upper
 92 100
 91 166.5 134.6 201.8

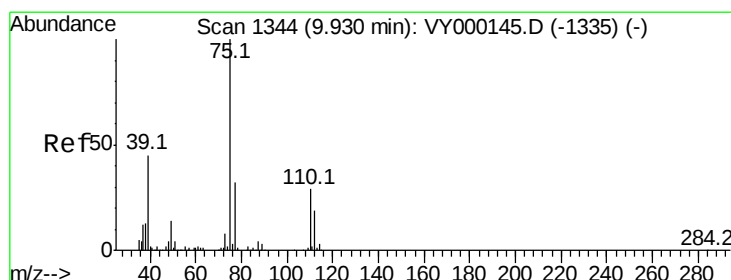
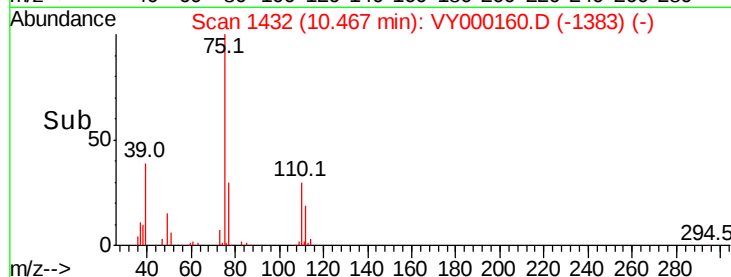
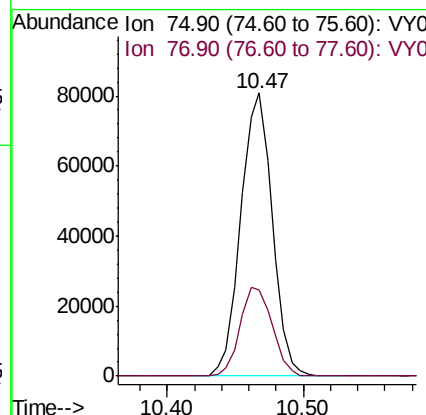
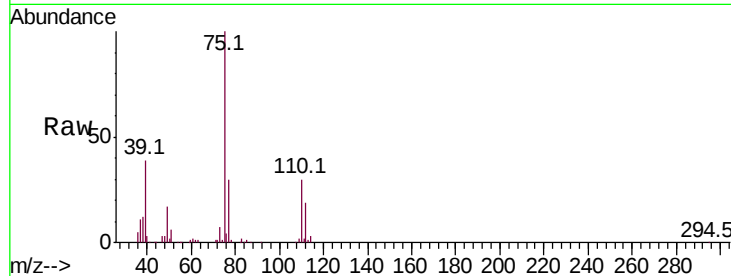




#53
 t-1,3-Dichloropropene
 Concen: 53.280 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

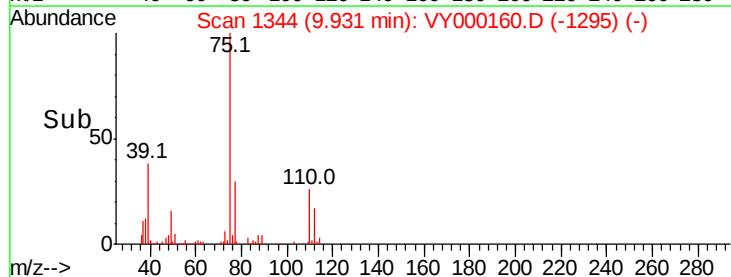
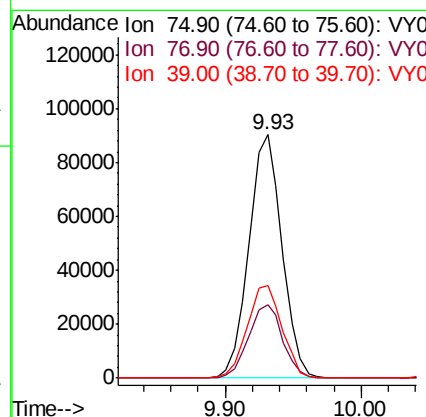
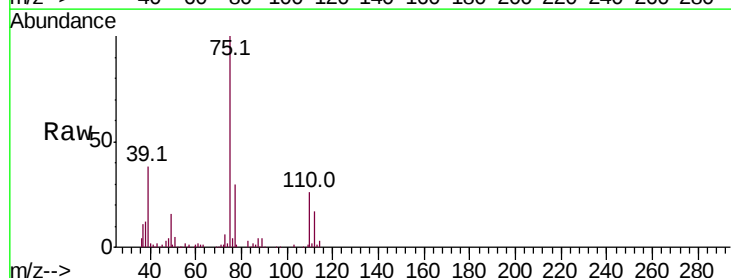
Instrument :
 MSVOA_Y
 ClientSampled :

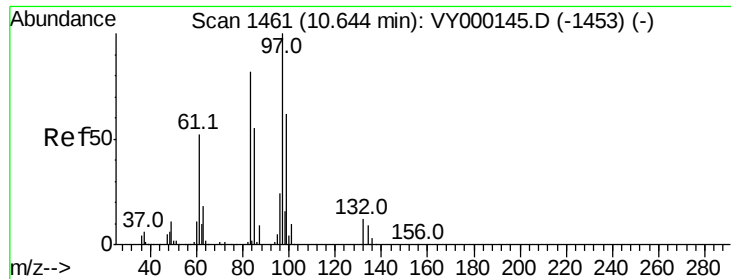
Tot Ion: 75 Resp: 130506
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.981 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion: 75 Resp: 153795
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 37.9 35.8 53.6

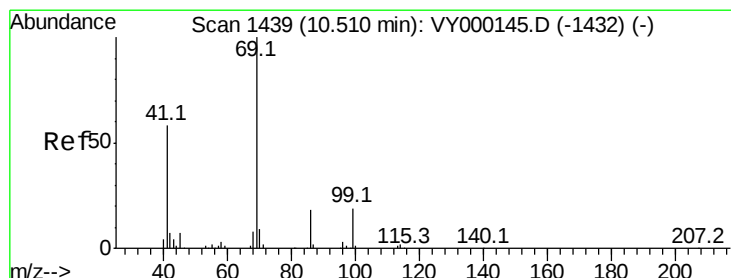
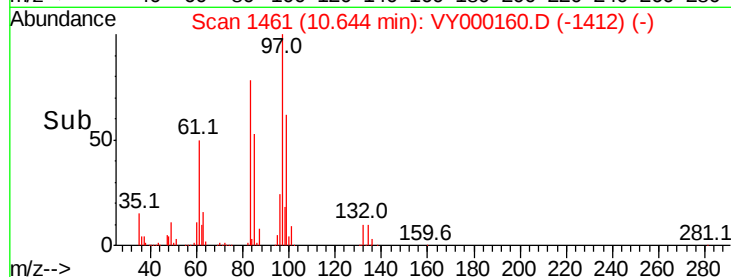
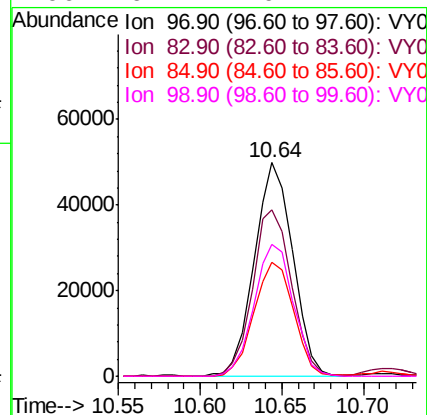
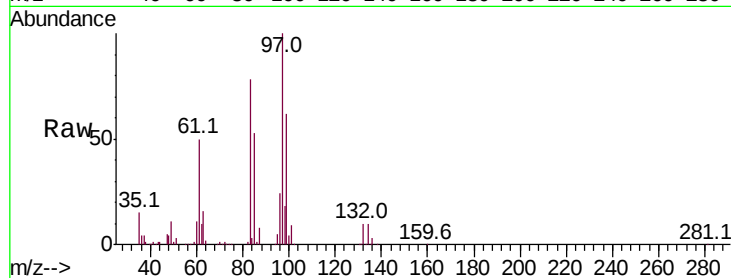




#55
 1,1,2-Trichloroethane
 Concen: 53.323 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

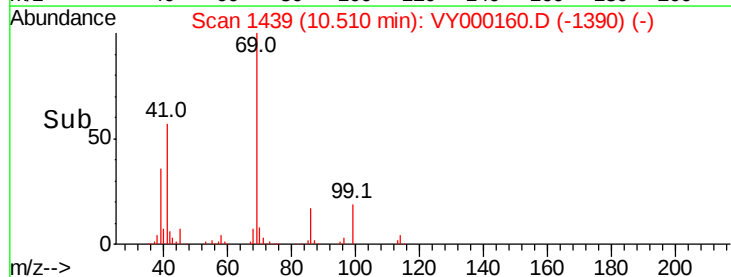
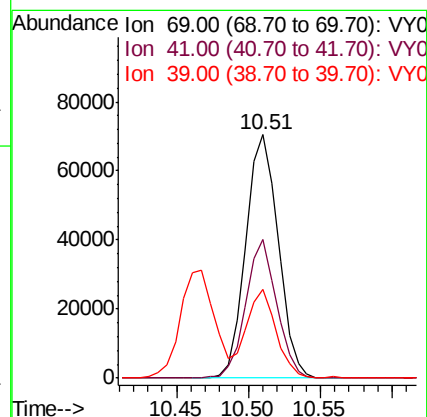
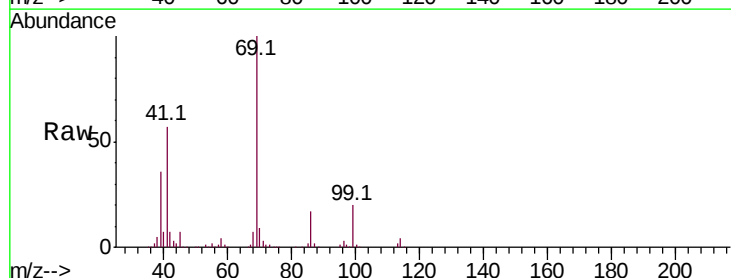
Instrument :
 MSVOA_Y
 ClientSampleId :

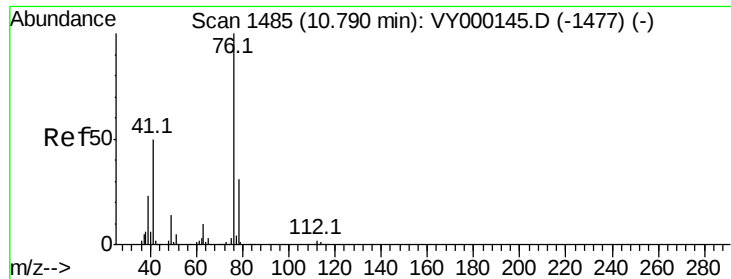
Tot Ion:	97	Resp:	82023
Ion	Ratio	Lower	Upper
97	100		
83	77.9	65.7	98.5
85	53.2	44.1	66.1
99	61.7	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 55.005 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion:	69	Resp:	110062
Ion	Ratio	Lower	Upper
69	100		
41	53.6	45.8	68.8
39	33.2	27.8	41.8





#57

1,3-Dichloropropane

Concen: 53.253 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

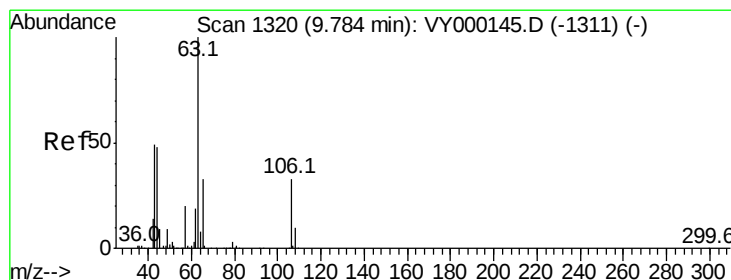
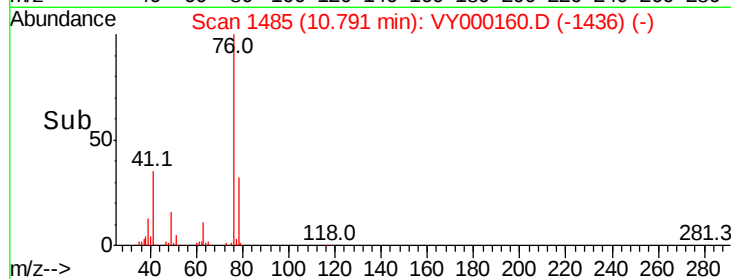
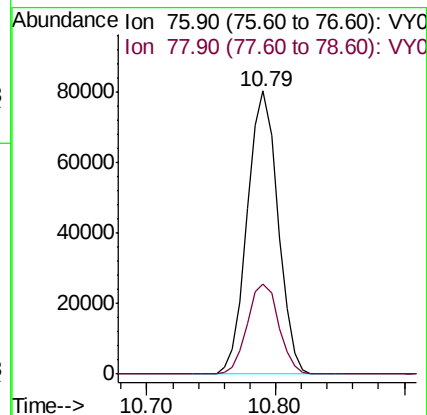
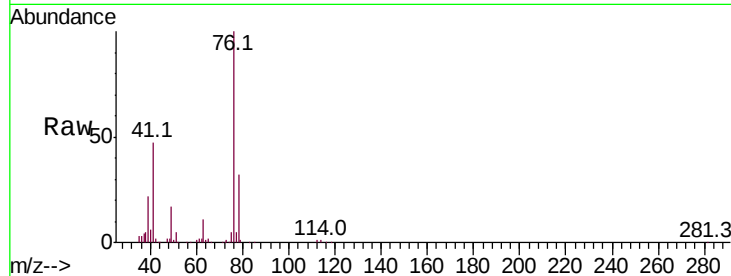
ClientSampleId :

Tot Ion: 76 Resp: 131636

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 267.928 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000160.D

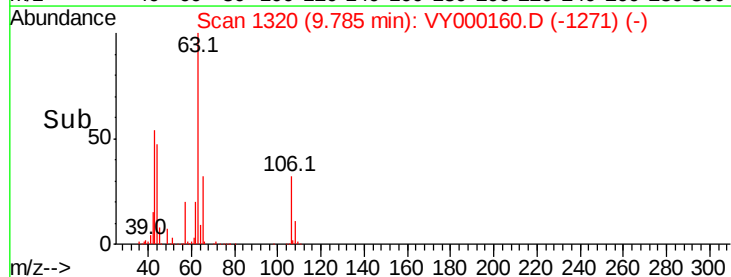
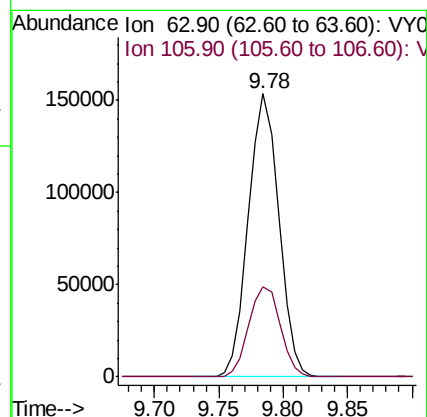
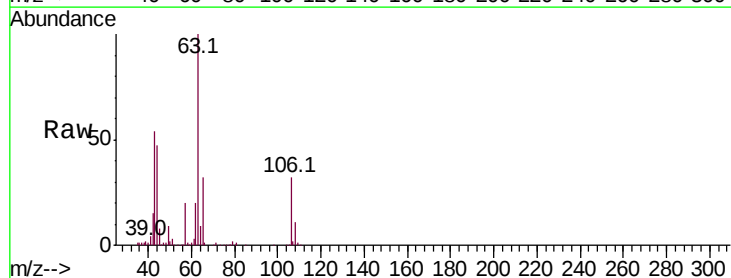
Acq: 26 Sep 2019 18:11

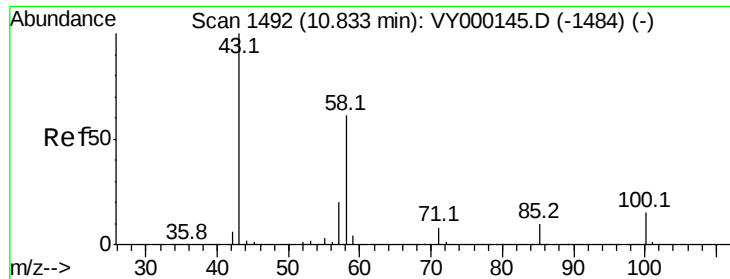
Tgt Ion: 63 Resp: 251803

Ion Ratio Lower Upper

63 100

106 33.0 27.0 40.6

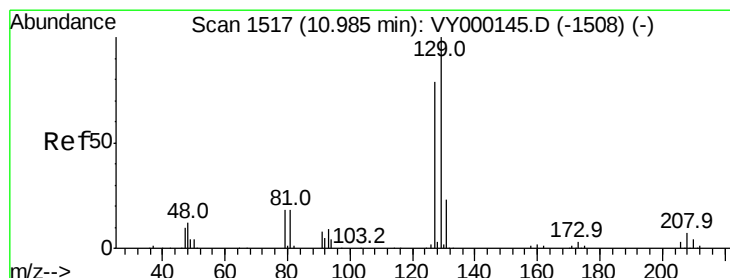
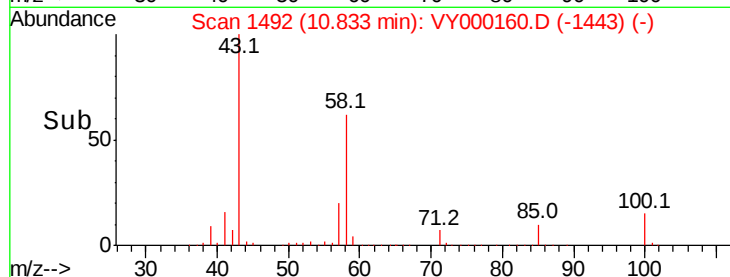
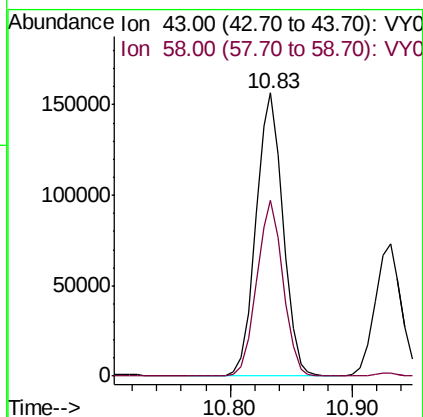
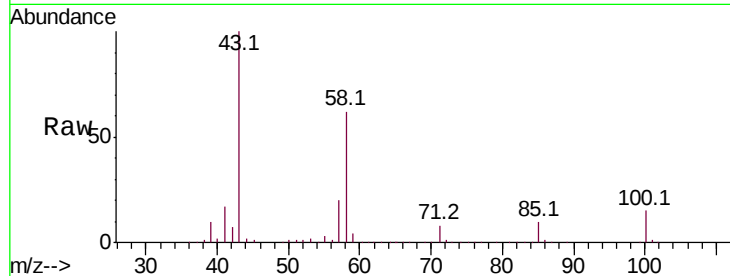




#59
2-Hexanone
Concen: 275.046 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

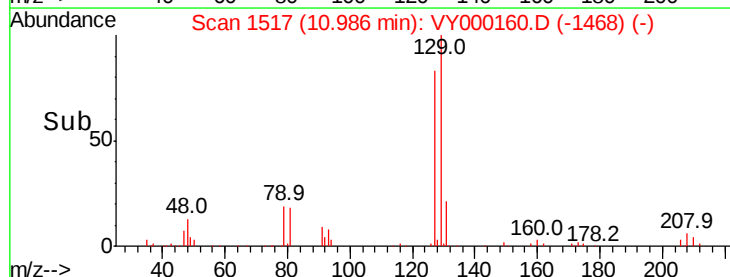
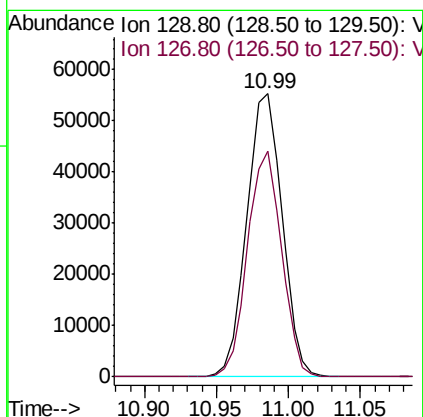
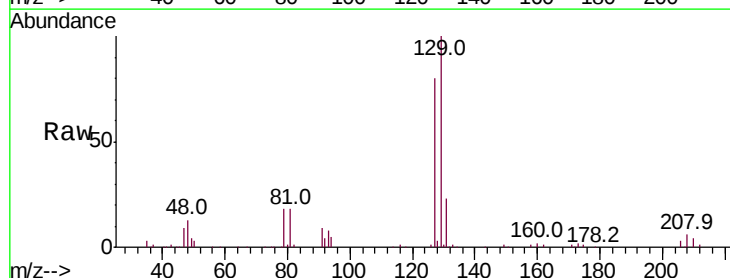
Instrument :
MSVOA_Y
ClientSampled :

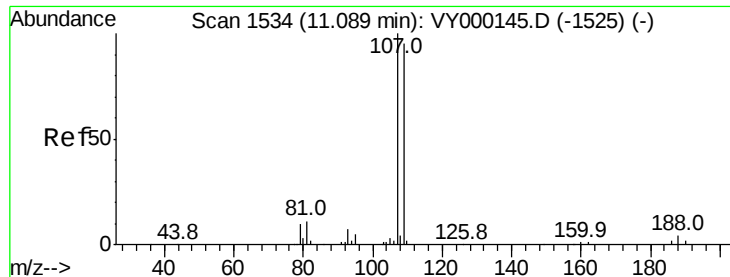
Tot Ion: 43 Resp: 240851
Ion Ratio Lower Upper
43 100
58 60.5 29.5 88.5



#60
Dibromochloromethane
Concen: 53.957 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 129 Resp: 93824
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.1

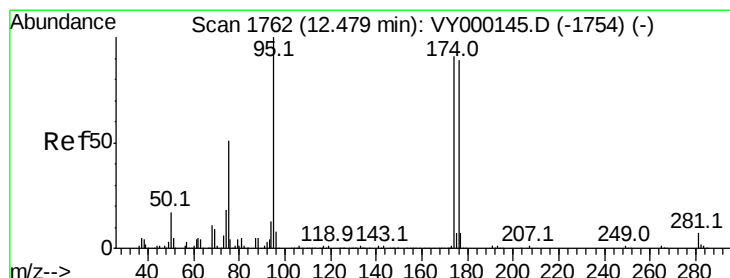
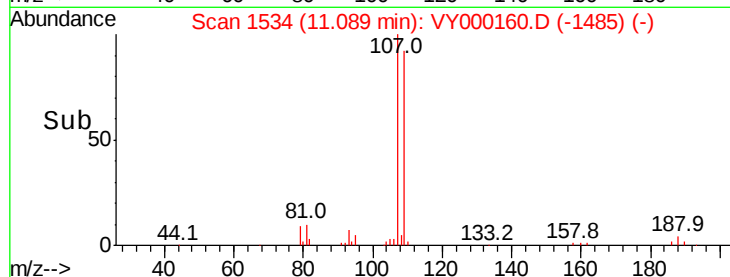
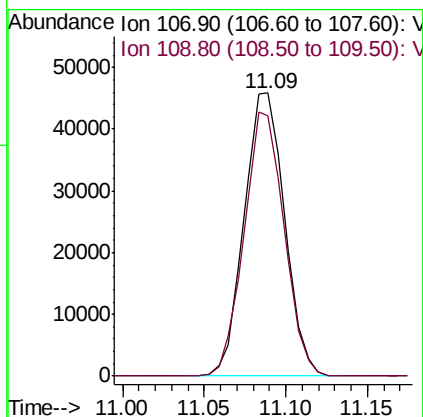
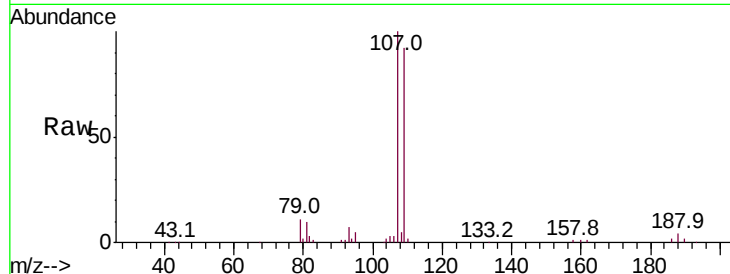




#61
 1,2-Dibromoethane
 Concen: 53.951 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

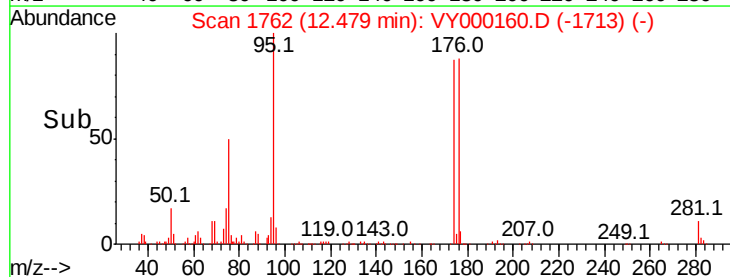
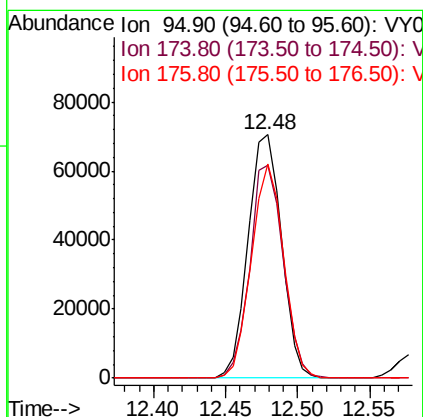
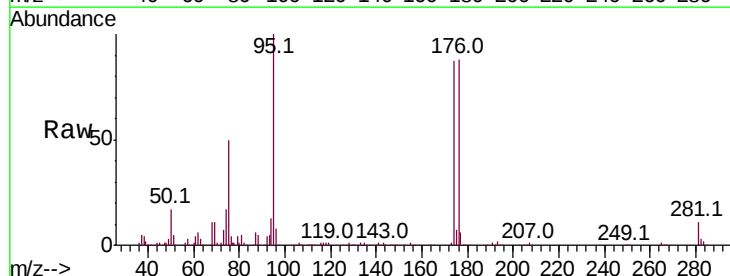
Instrument :
 MSVOA_Y
 ClientSampled :

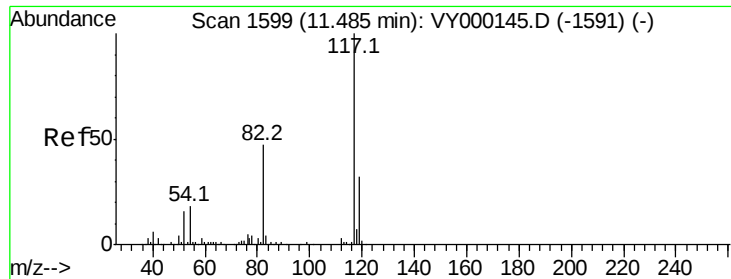
Tot Ion:107 Resp: 79194
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.727 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion: 95 Resp: 112849
 Ion Ratio Lower Upper
 95 100
 174 86.9 0.0 180.6
 176 85.1 0.0 171.6

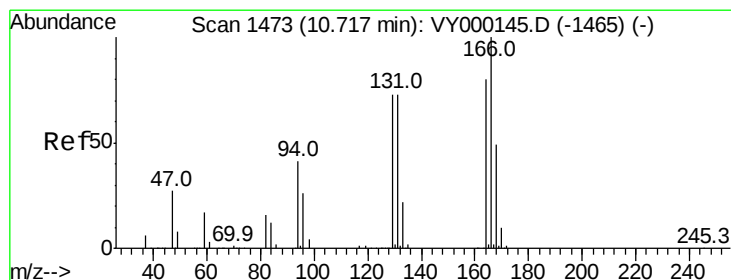
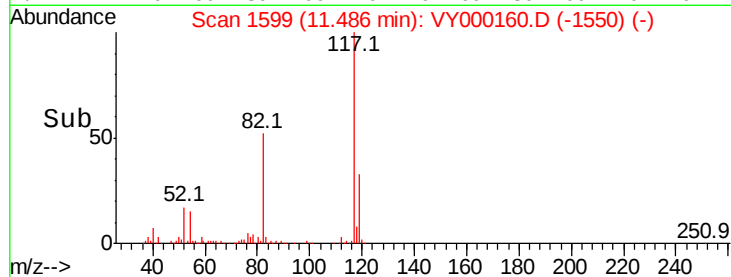
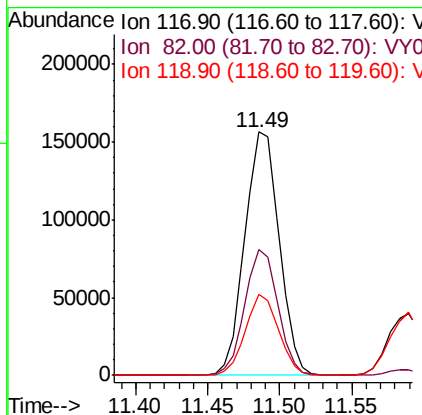
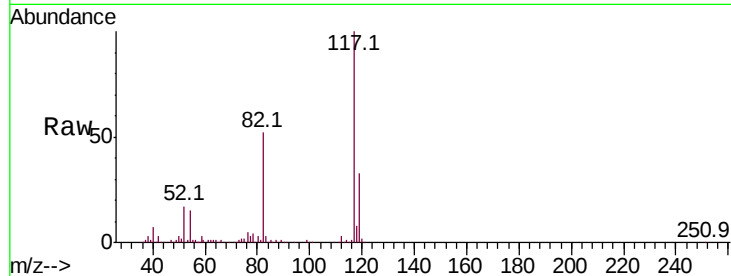




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

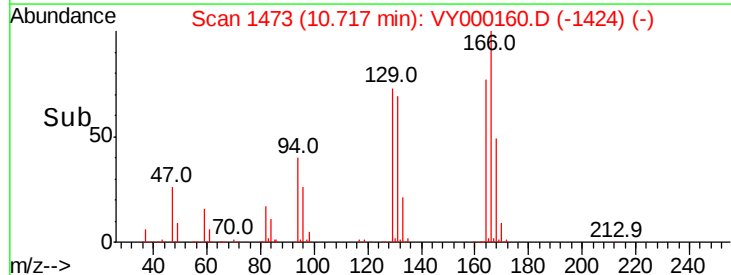
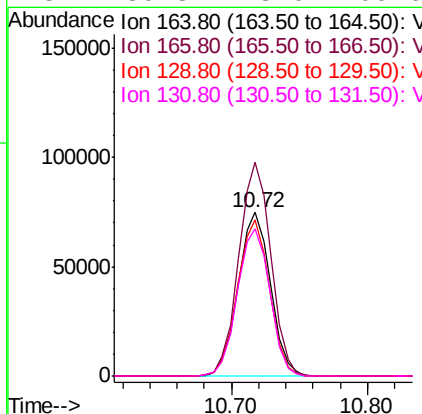
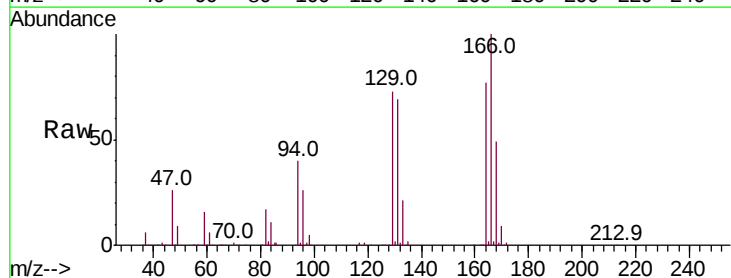
Instrument :
MSVOA_Y
ClientSampleId :

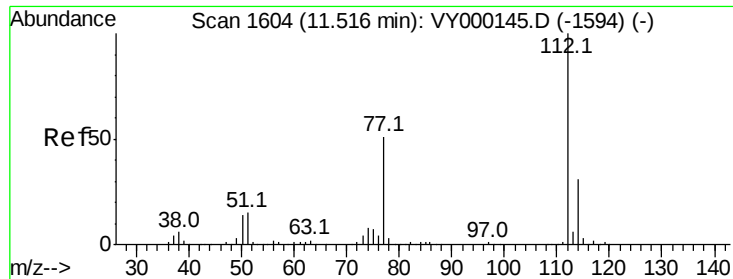
Tot Ion:117 Resp: 259109
Ion Ratio Lower Upper
117 100
82 51.6 37.7 56.5
119 33.4 25.4 38.2



#64
Tetrachloroethene
Concen: 48.436 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:164 Resp: 124324
Ion Ratio Lower Upper
164 100
166 130.7 99.5 149.3
129 95.4 72.8 109.2
131 89.8 73.0 109.6

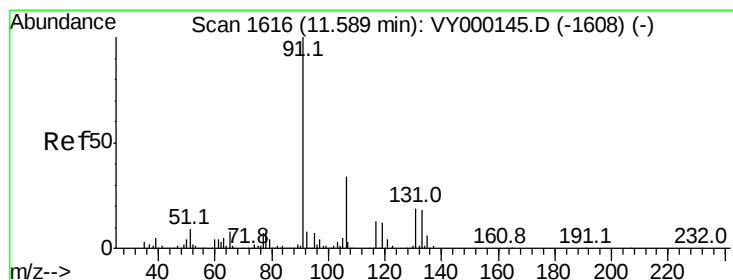
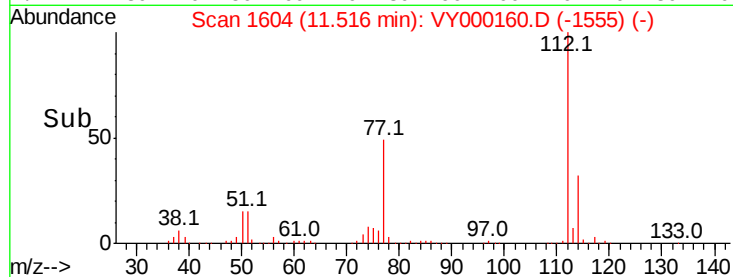
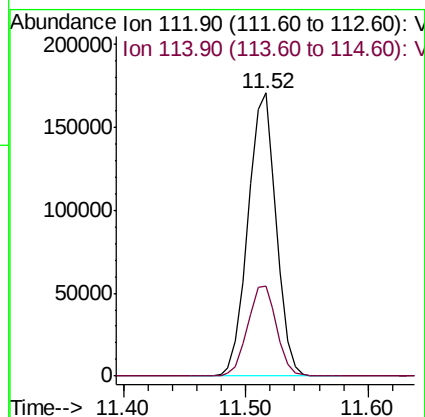
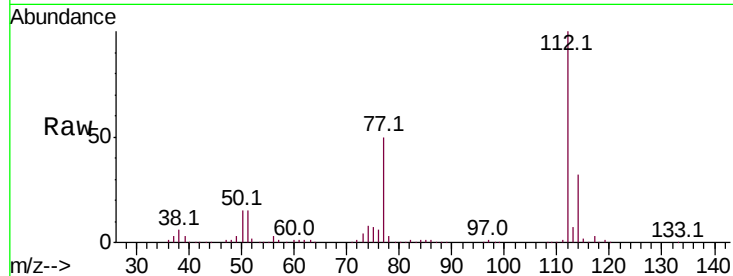




#65
Chlorobenzene
Concen: 50.549 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

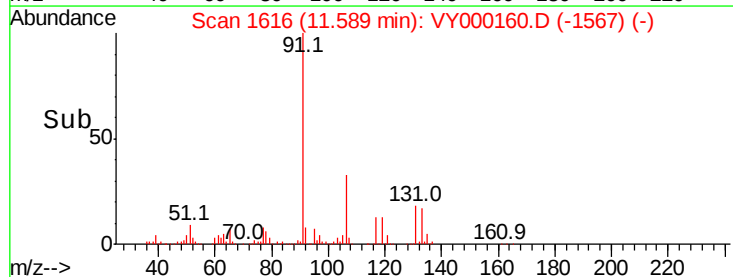
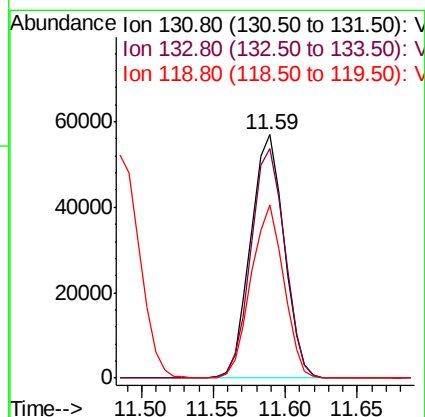
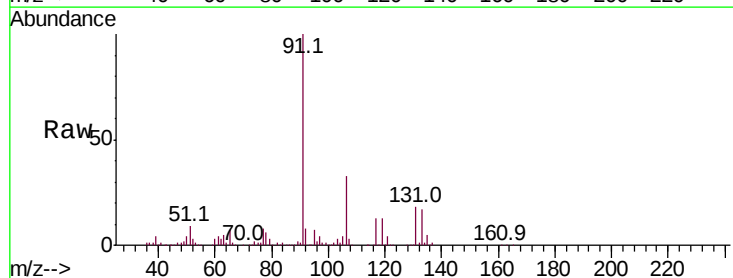
Instrument :
MSVOA_Y
ClientSampleId :

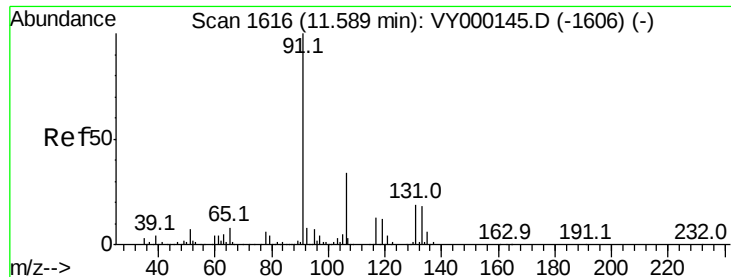
Tot Ion:112 Resp: 272566
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.333 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:131 Resp: 91710
Ion Ratio Lower Upper
131 100
133 95.6 47.2 141.6
119 69.5 32.3 96.9





#67

Ethyl Benzene

Concen: 49.722 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

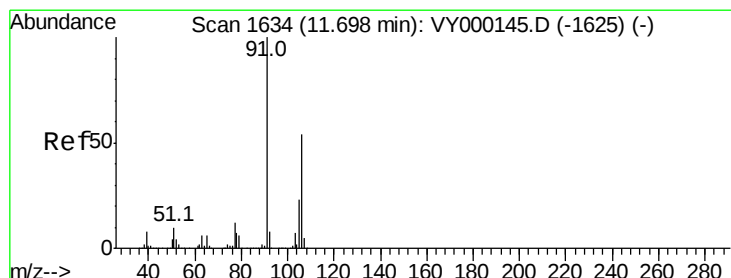
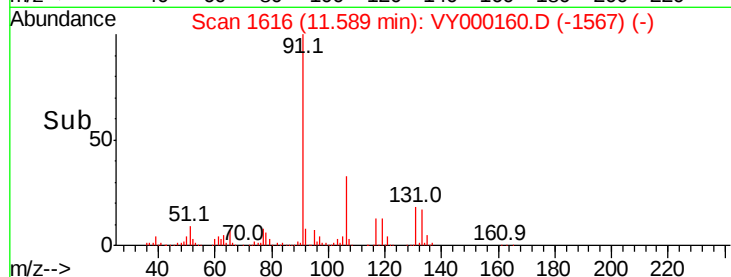
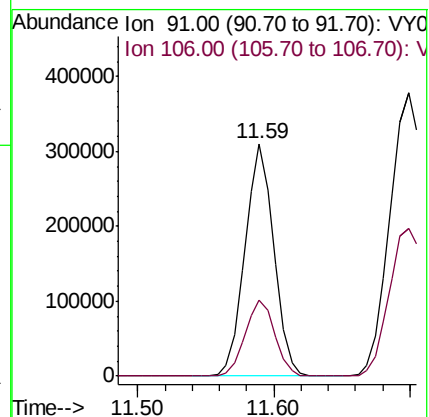
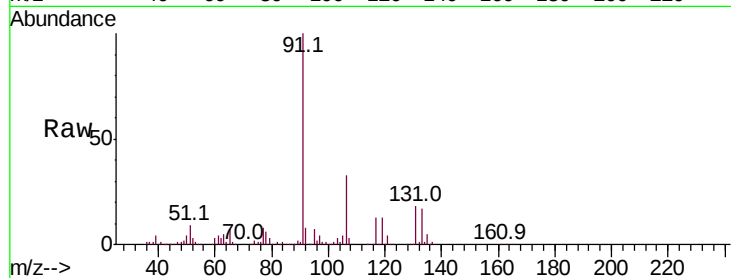
ClientSampleId :

Tot Ion: 91 Resp: 458295

Ion Ratio Lower Upper

91 100

106 32.8 27.3 40.9



#68

m/p-Xylenes

Concen: 100.213 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000160.D

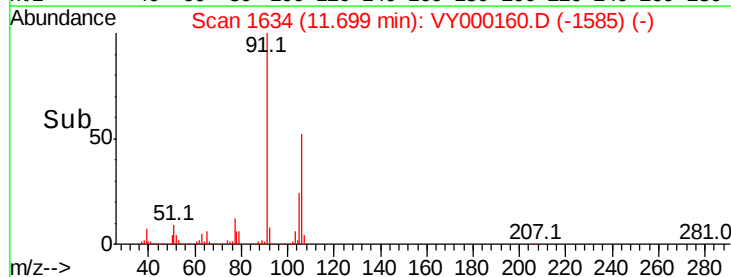
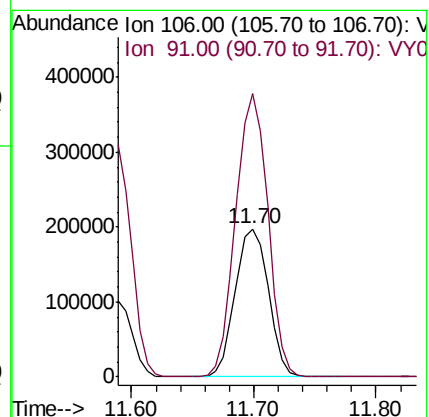
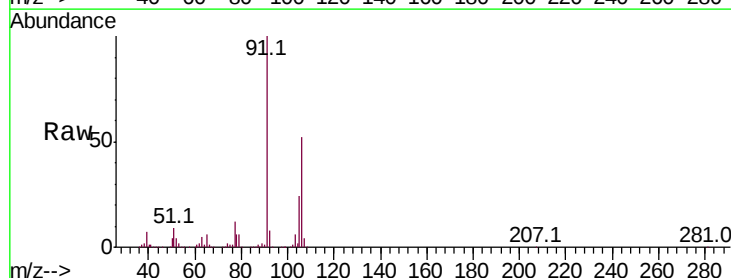
Acq: 26 Sep 2019 18:11

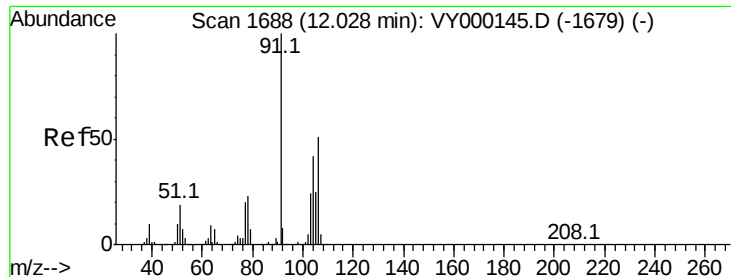
Tgt Ion: 106 Resp: 373408

Ion Ratio Lower Upper

106 100

91 184.5 148.6 223.0

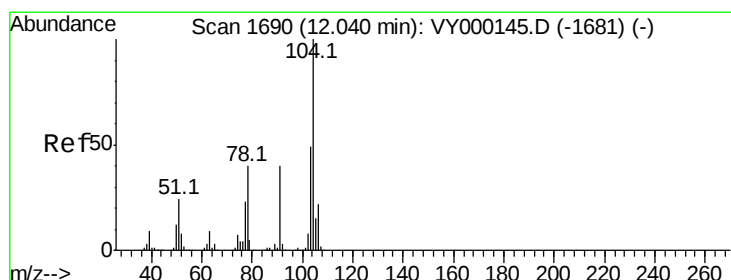
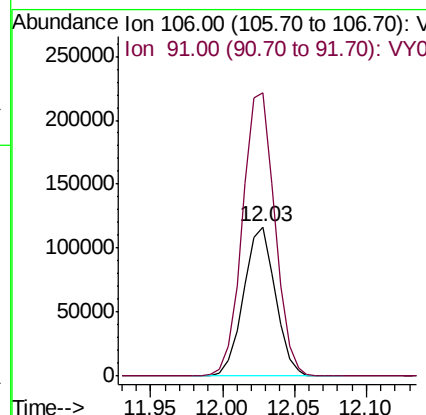
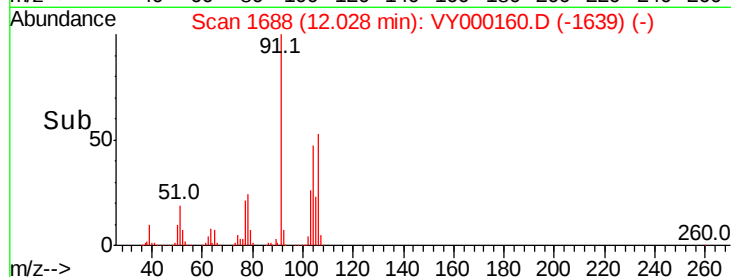
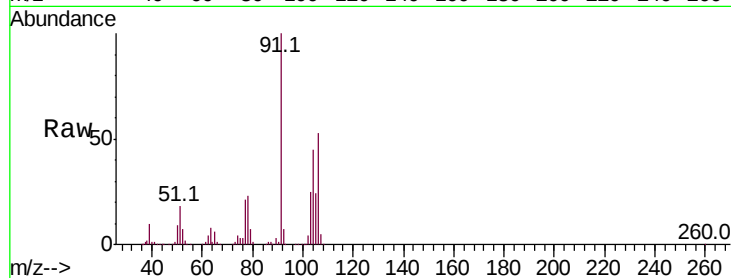




#69
o-Xylene
Concen: 50.016 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

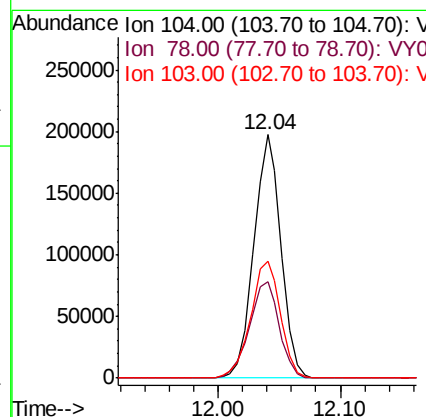
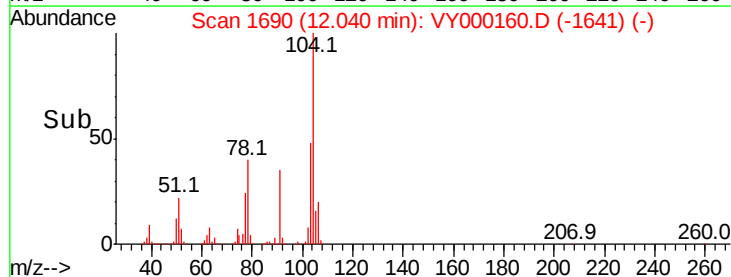
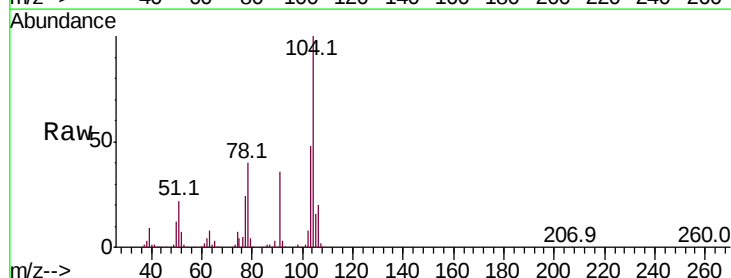
Instrument :
MSVOA_Y
ClientSampled :

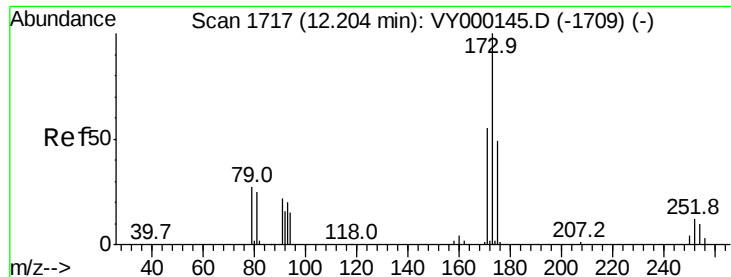
Tot Ion:106 Resp: 177746
Ion Ratio Lower Upper
106 100
91 193.7 98.0 293.9



#70
Styrene
Concen: 50.453 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:104 Resp: 303436
Ion Ratio Lower Upper
104 100
78 43.9 34.7 52.1
103 52.8 41.6 62.4





#71

Bromoform

Concen: 53.581 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

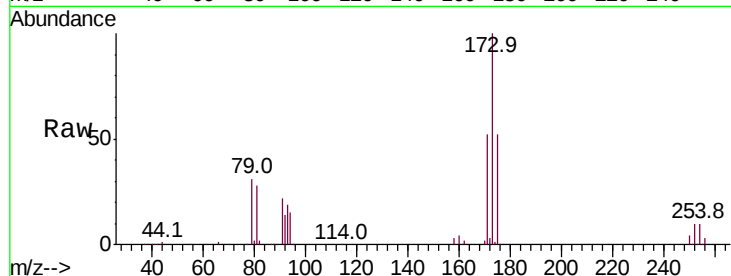
Tot Ion:173 Resp: 57370

Ion Ratio Lower Upper

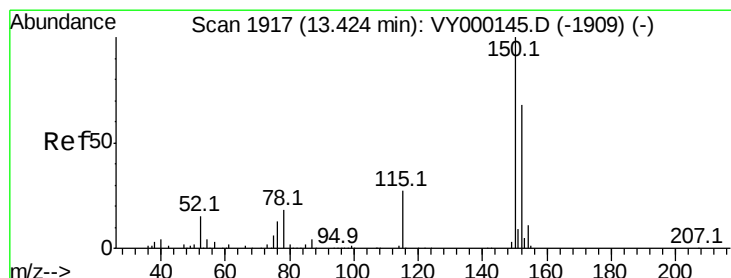
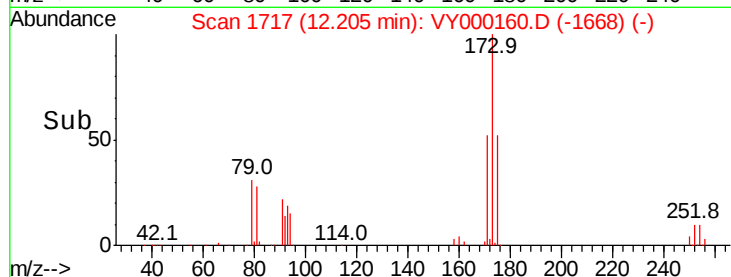
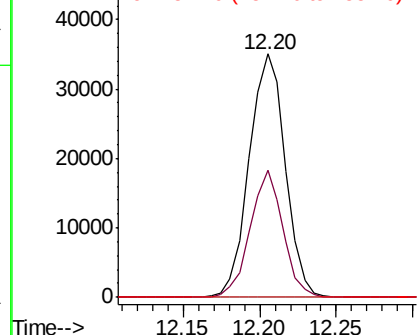
173 100

175 47.5 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

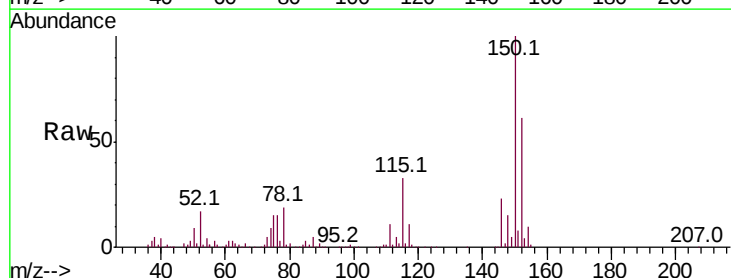
Tgt Ion:152 Resp: 124135

Ion Ratio Lower Upper

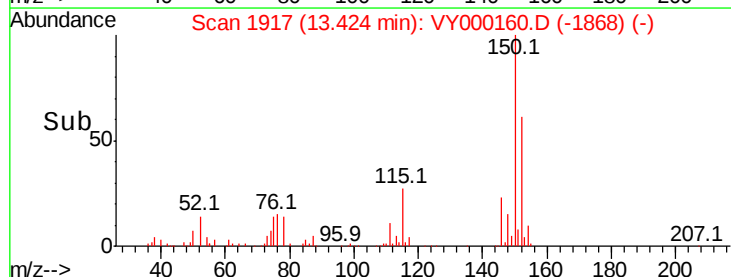
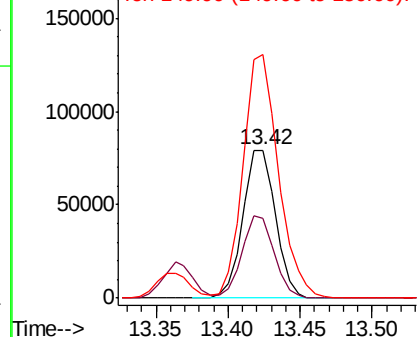
152 100

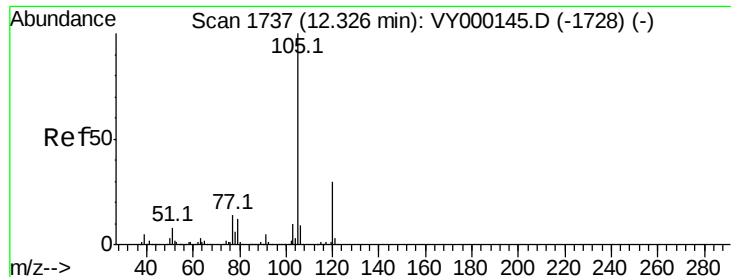
115 54.5 26.8 80.4

150 178.8 0.0 347.8



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: 50.033 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

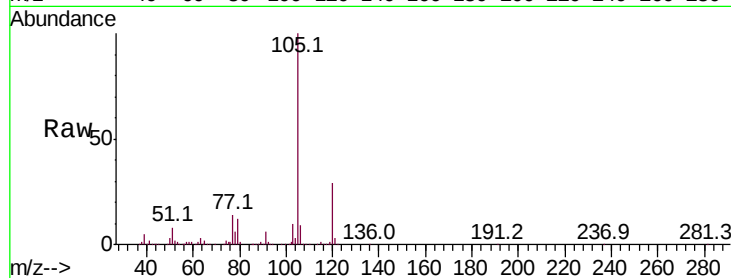
ClientSampleId :

Tot Ion:105 Resp: 448106

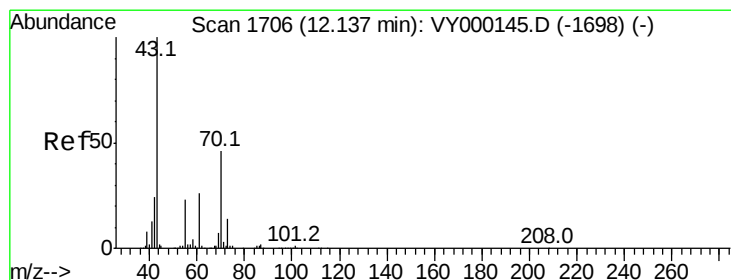
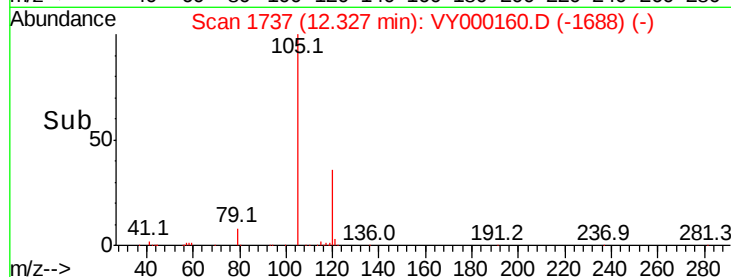
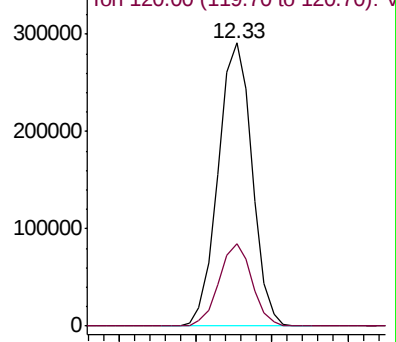
Ion Ratio Lower Upper

105 100

120 28.3 14.7 44.1



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 53.831 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Tgt Ion: 43 Resp: 116702

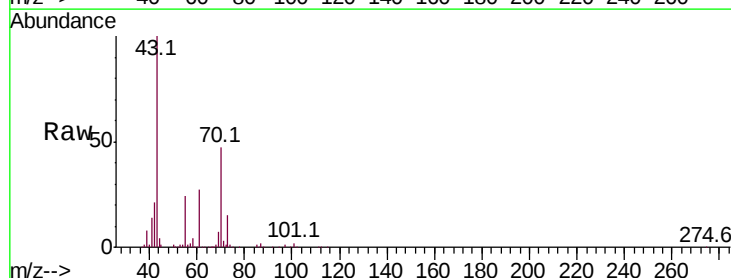
Ion Ratio Lower Upper

43 100

70 48.3 37.3 55.9

55 24.1 18.6 27.8

61 26.6 21.0 31.4

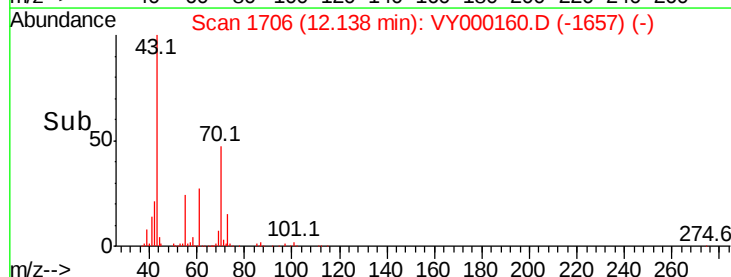


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

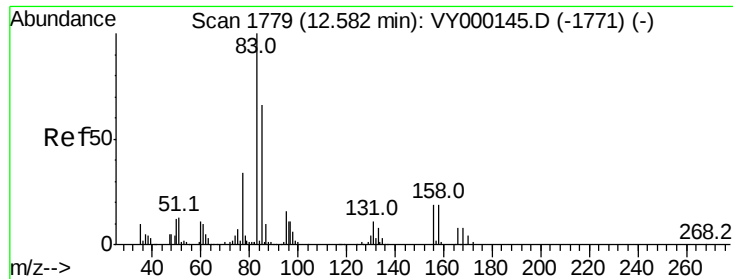
Ion 61.00 (60.70 to 61.70): VY0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.820 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

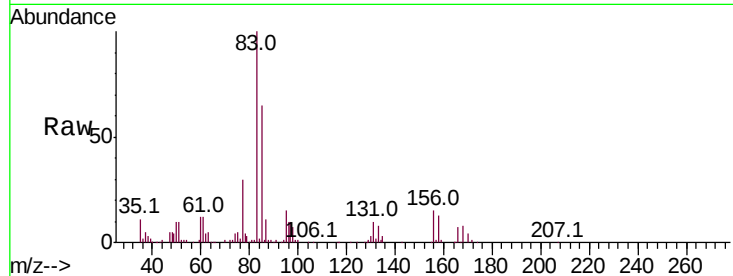
Tot Ion: 83 Resp: 76425

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

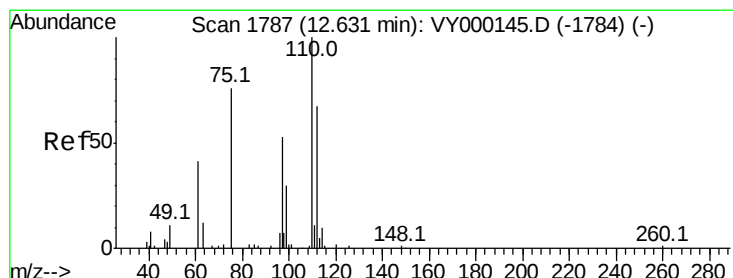
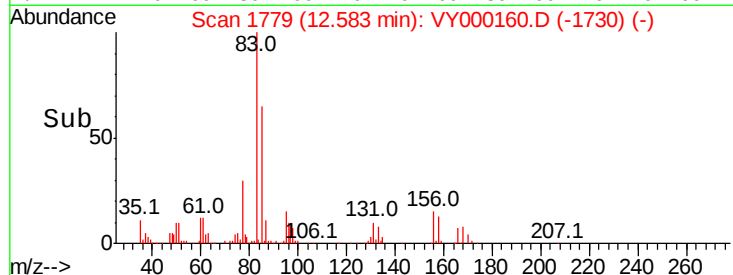
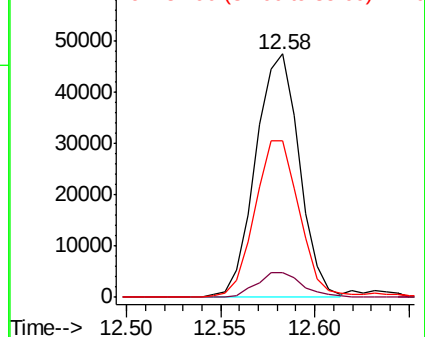
85 65.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY000145.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000145.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000145.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 94.475 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000160.D

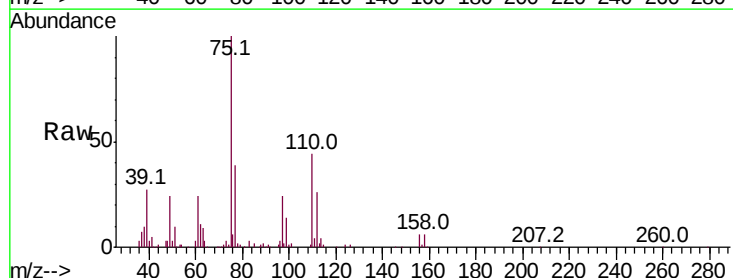
Acq: 26 Sep 2019 18:11

Tgt Ion: 75 Resp: 118030

Ion Ratio Lower Upper

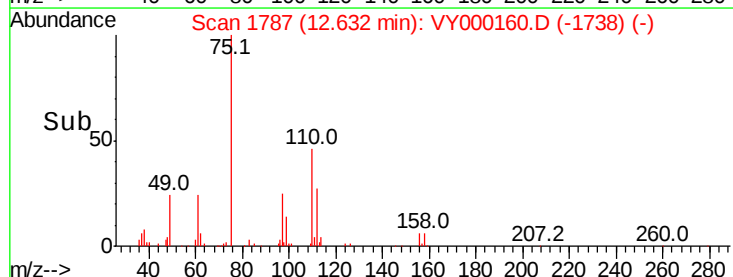
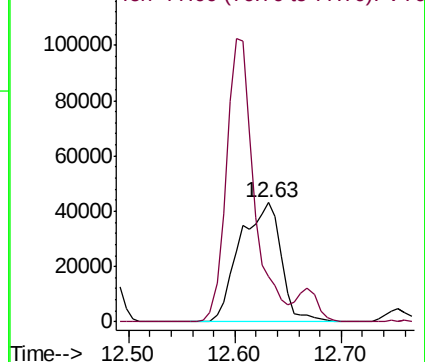
75 100

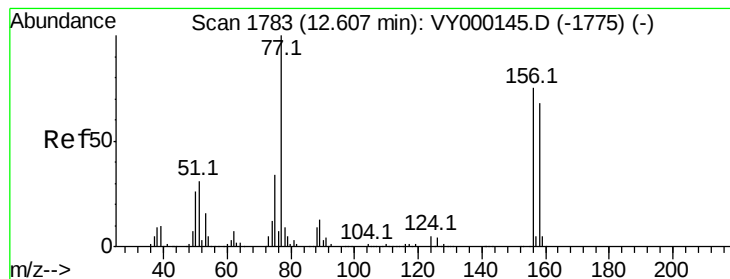
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000145.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY000145.D (-1784) (-)





#77

Bromobenzene

Concen: 49.480 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

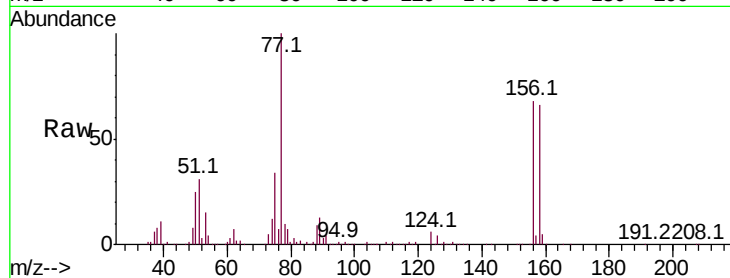
Tot Ion:156 Resp: 109477

Ion Ratio Lower Upper

156 100

77 171.0 83.0 249.2

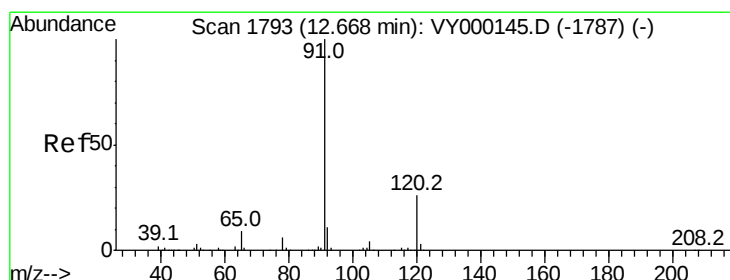
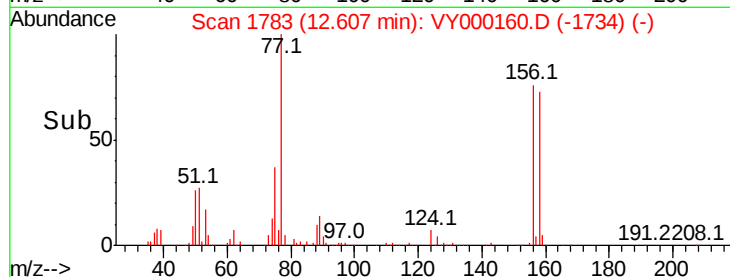
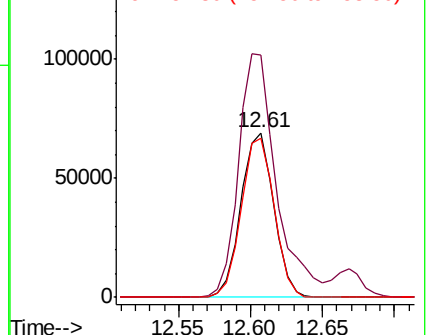
158 97.0 47.4 142.2



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: 50.033 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000160.D

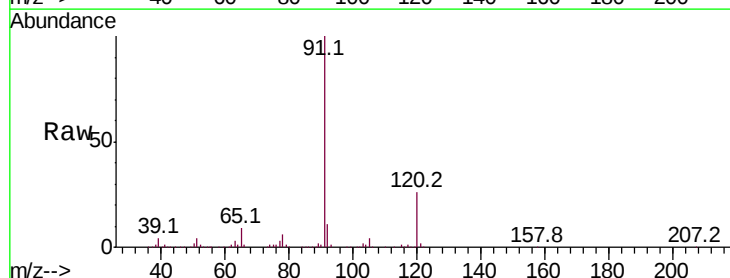
Acq: 26 Sep 2019 18:11

Tgt Ion: 91 Resp: 534182

Ion Ratio Lower Upper

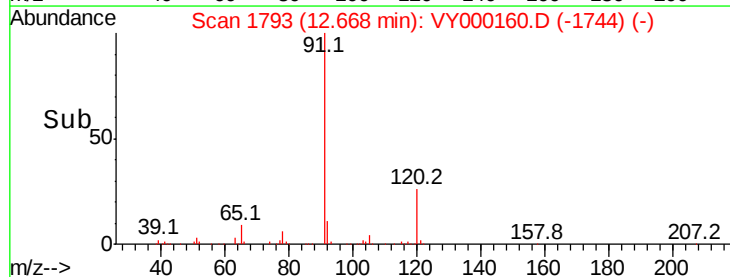
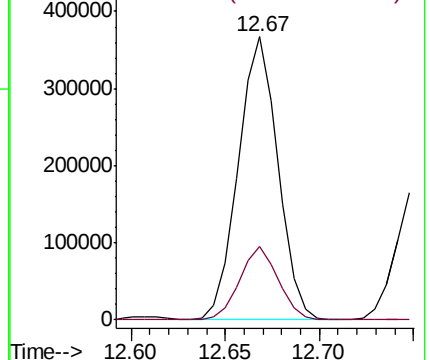
91 100

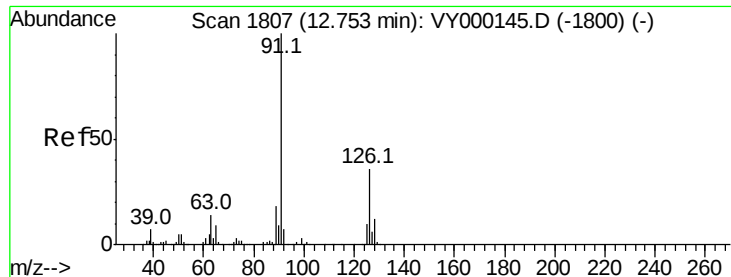
120 25.2 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.149 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

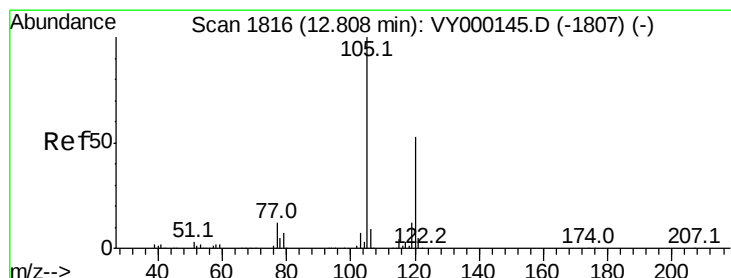
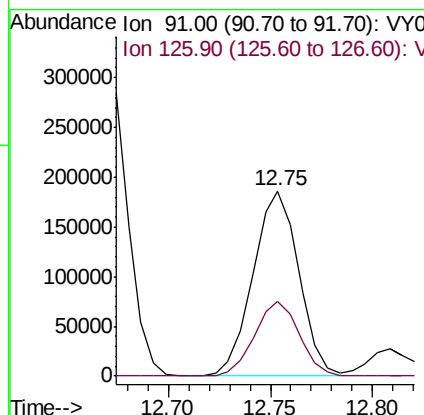
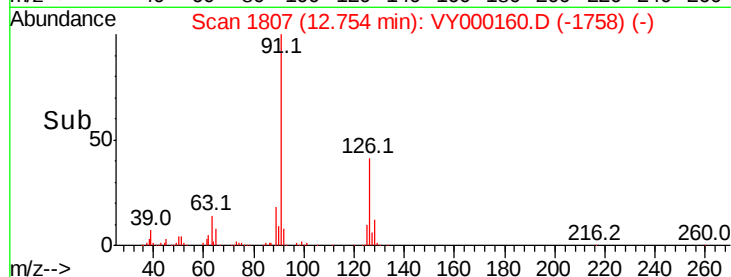
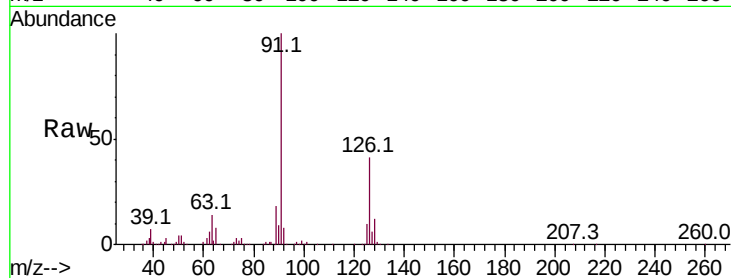
ClientSampled :

Tot Ion: 91 Resp: 291324

Ion Ratio Lower Upper

91 100

126 39.4 19.1 57.5



#80

1,3,5-Trimethylbenzene

Concen: 50.944 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000160.D

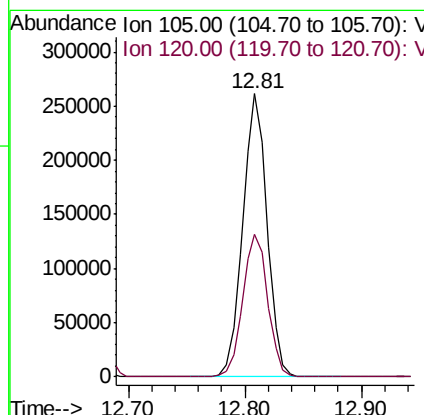
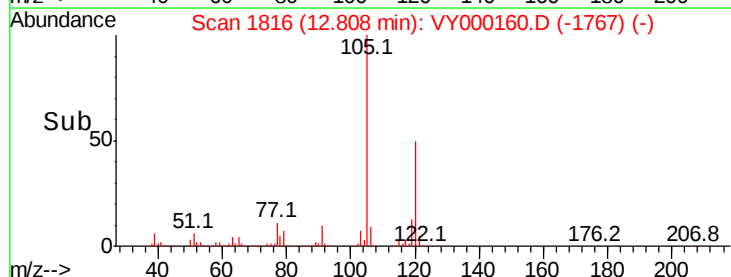
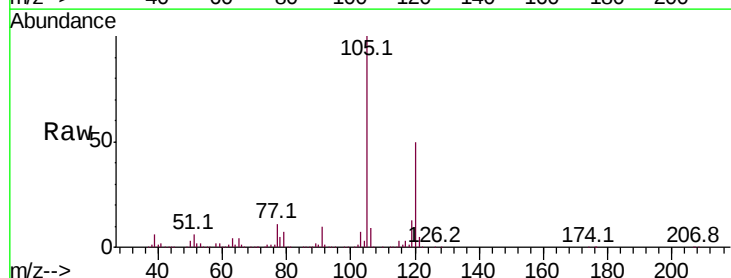
Acq: 26 Sep 2019 18:11

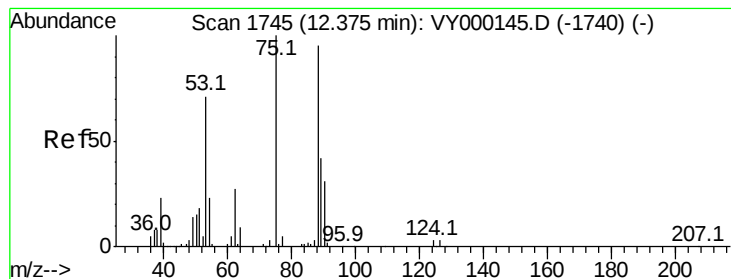
Tgt Ion:105 Resp: 379554

Ion Ratio Lower Upper

105 100

120 51.8 26.7 80.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.569 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

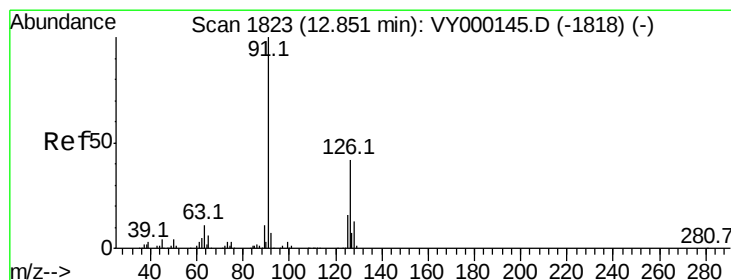
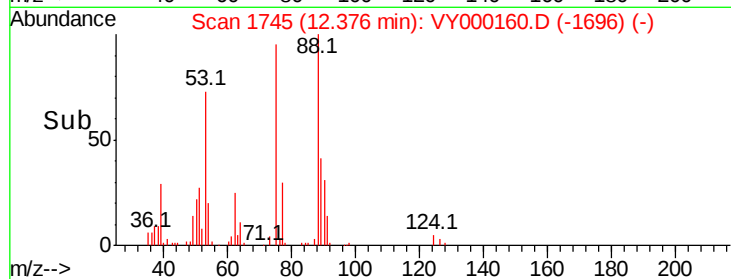
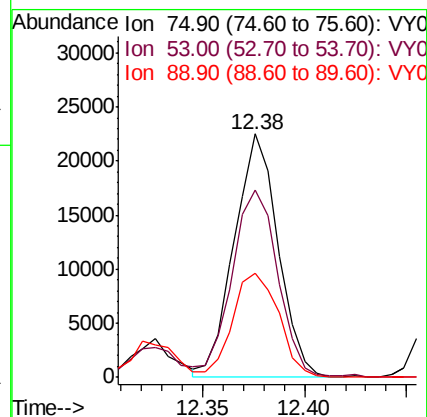
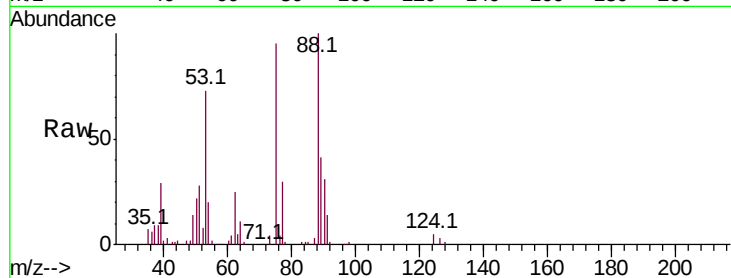
Tot Ion: 75 Resp: 33583

Ion Ratio Lower Upper

75 100

53 80.9 61.8 92.8

89 44.7 35.6 53.4



#82

4-Chlorotoluene

Concen: 50.100 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000160.D

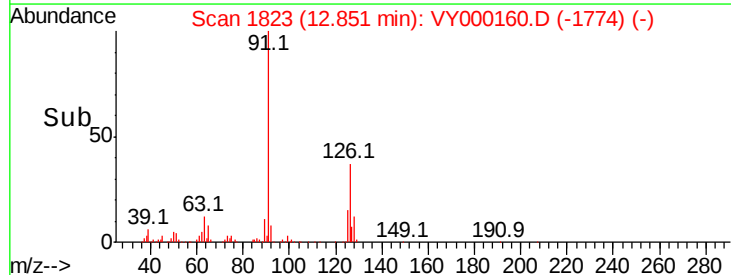
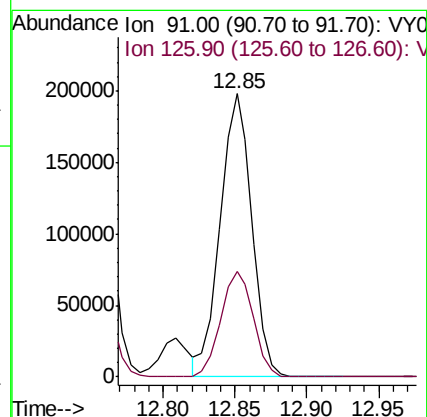
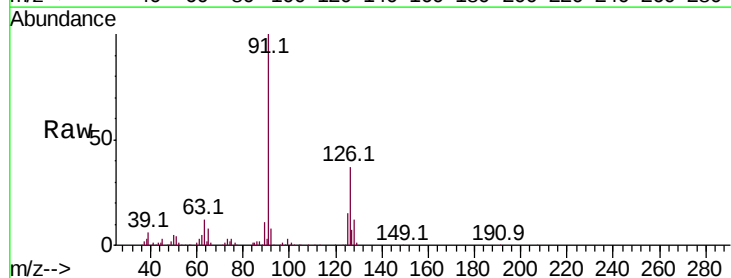
Acq: 26 Sep 2019 18:11

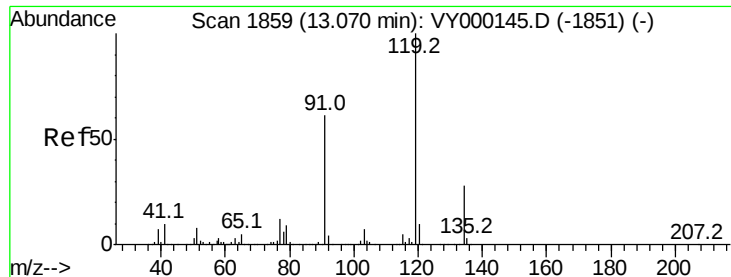
Tgt Ion: 91 Resp: 303239

Ion Ratio Lower Upper

91 100

126 38.5 19.4 58.2

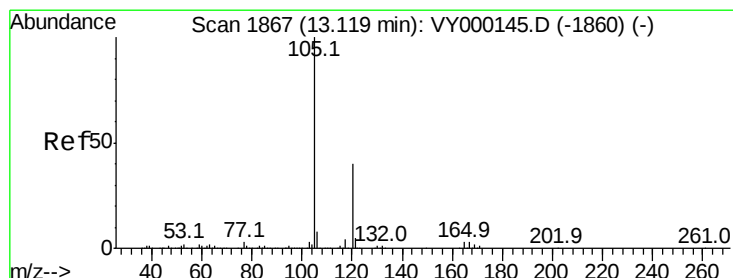
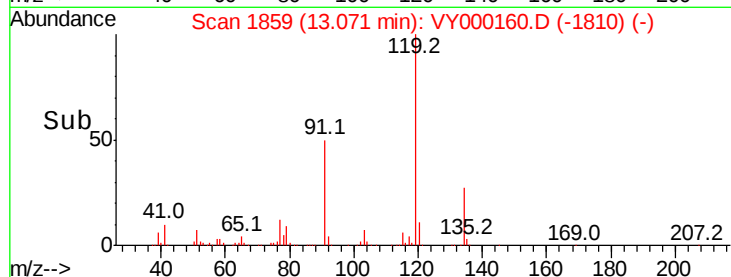
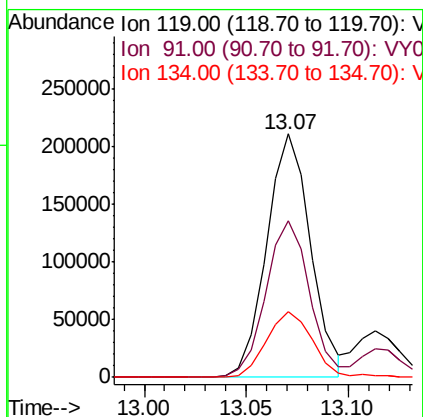
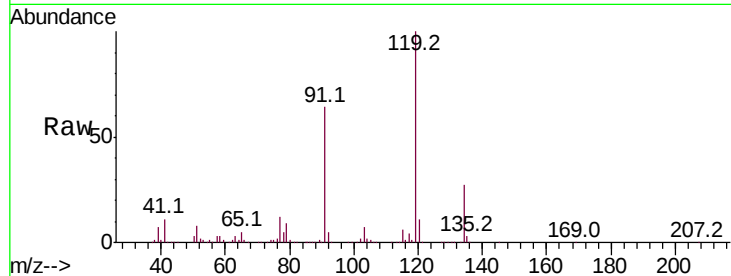




#83
 tert-Butylbenzene
 Concen: 49.459 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

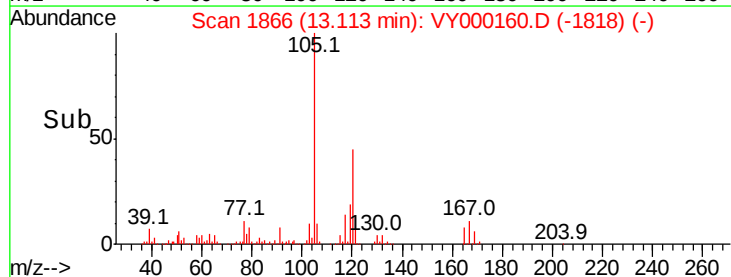
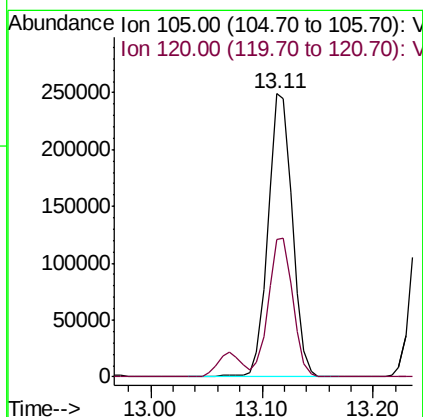
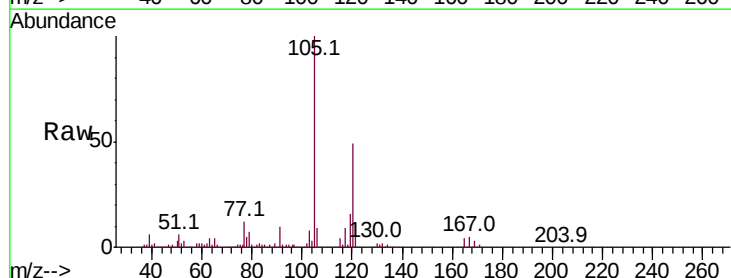
Instrument :
 MSVOA_Y
 ClientSampleId :

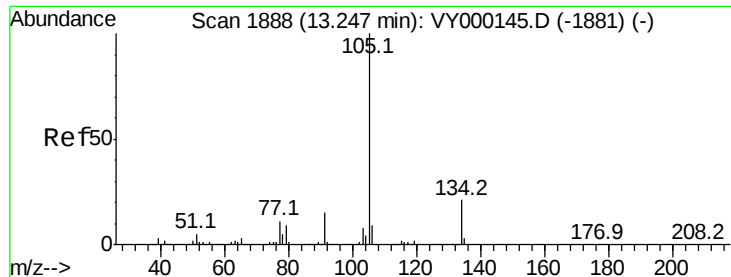
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.0	93.0
134	28.4	14.0	41.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.330 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.6	73.8





#85

sec-Butylbenzene

Concen: 50.749 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

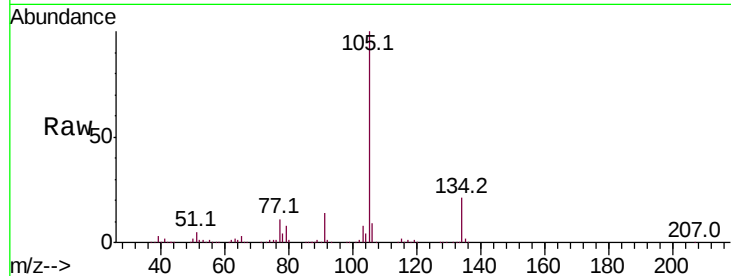
ClientSampleId :

Tot Ion:105 Resp: 467464

Ion Ratio Lower Upper

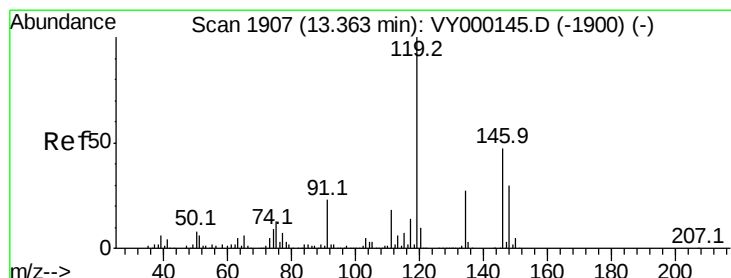
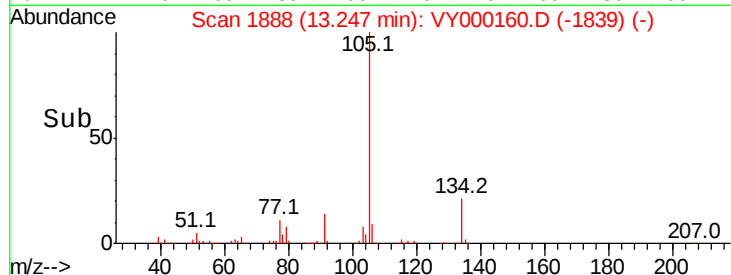
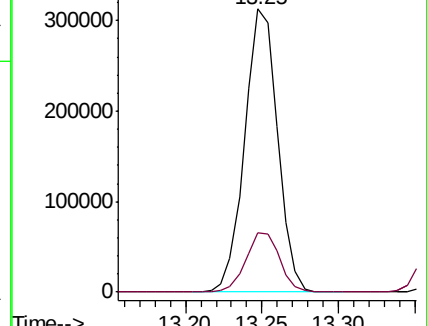
105 100

134 21.3 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.341 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

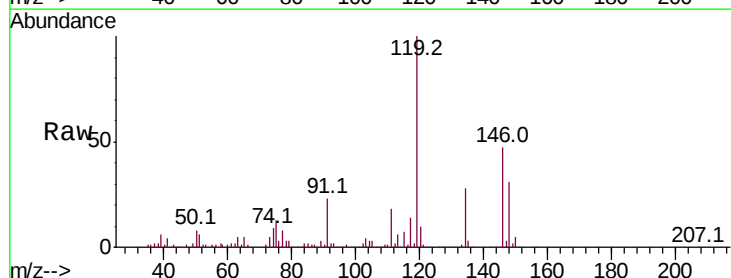
Tgt Ion:119 Resp: 412948

Ion Ratio Lower Upper

119 100

134 28.9 14.3 42.9

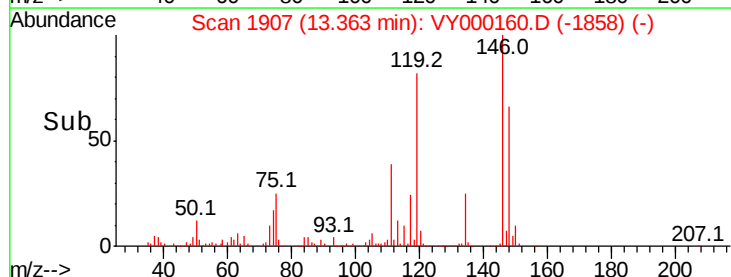
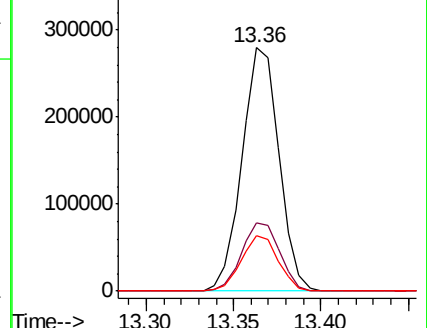
91 22.7 11.4 34.1

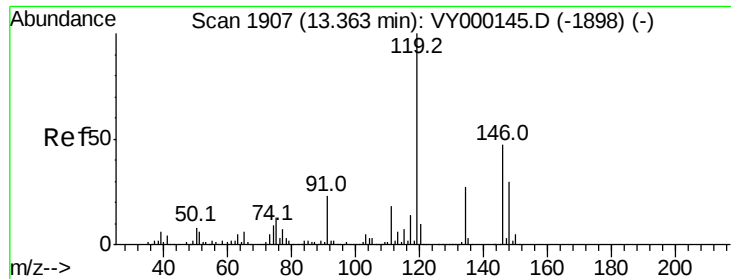


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

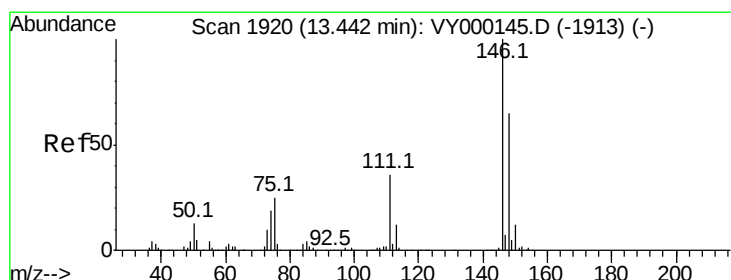
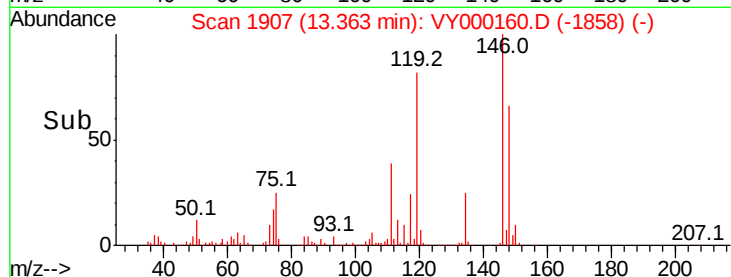
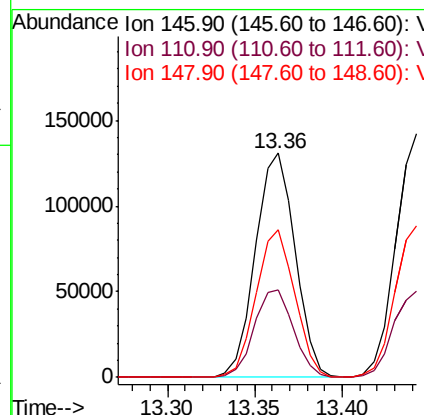
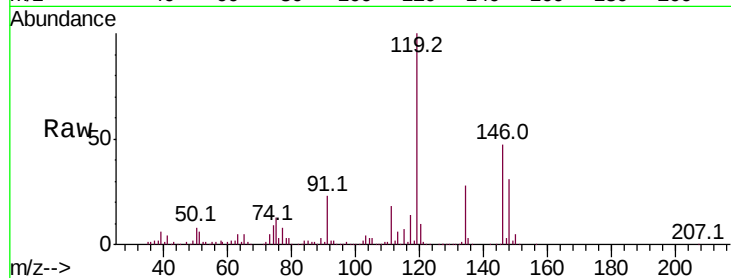




#87
 1,3-Dichlorobenzene
 Concen: 48.848 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

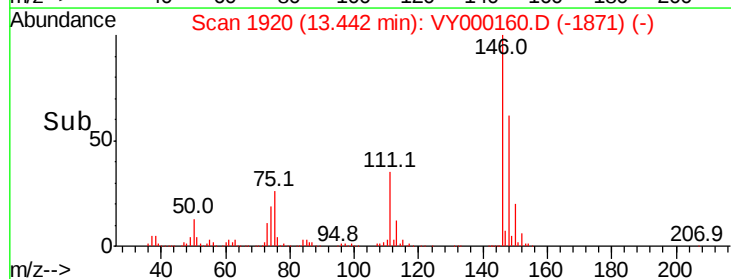
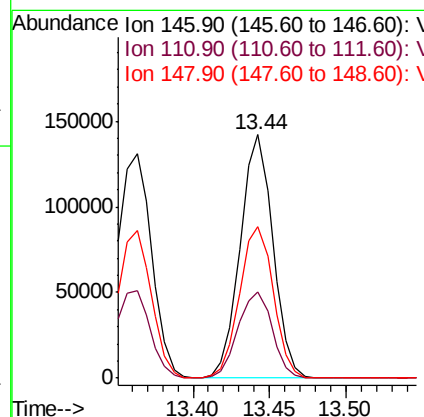
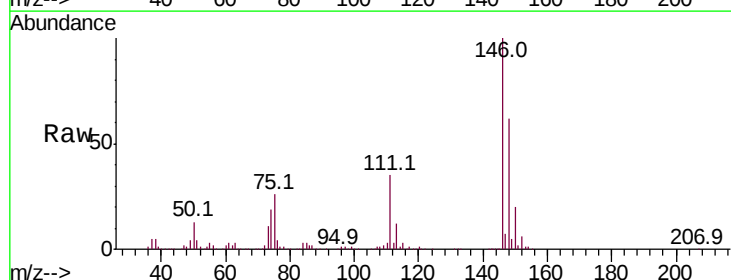
Instrument :
 MSVOA_Y
 ClientSampleId :

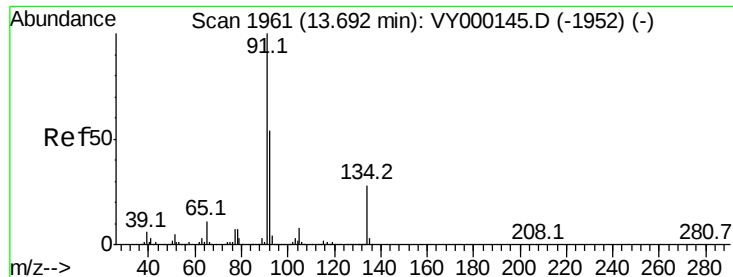
Tot Ion:146 Resp: 207089
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.102 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion:146 Resp: 211433
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.3 54.9
 148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 50.584 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000160.D

Acq: 26 Sep 2019 18:11

Instrument :

MSVOA_Y

ClientSampleId :

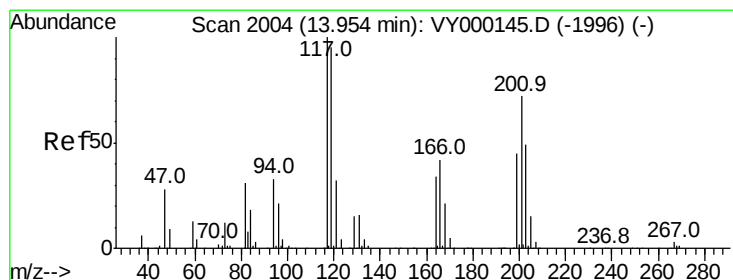
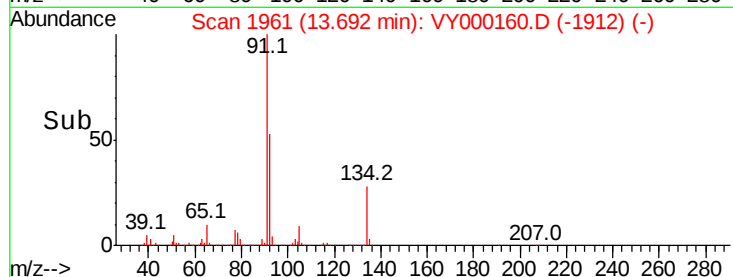
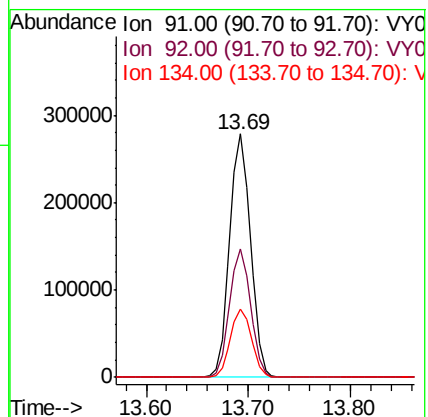
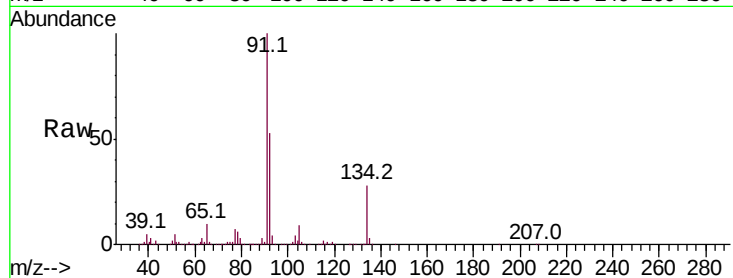
Tot Ion: 91 Resp: 394332

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 28.3 14.4 43.2



#90

Hexachloroethane

Concen: 50.884 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY000160.D

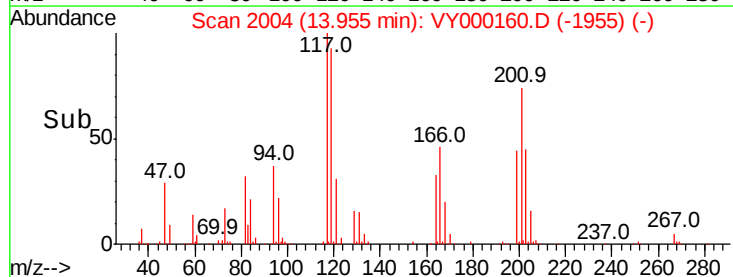
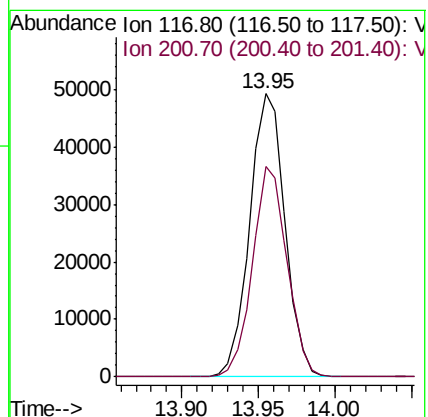
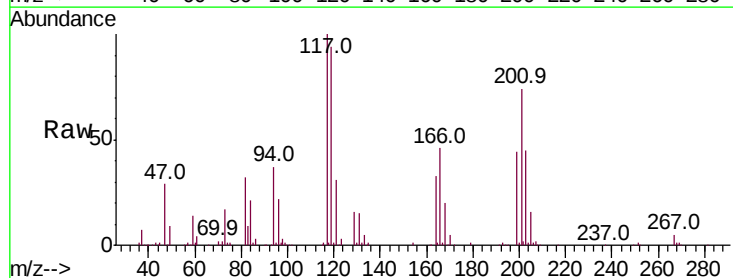
Acq: 26 Sep 2019 18:11

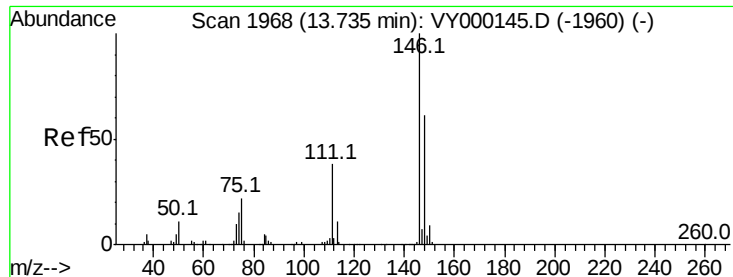
Tgt Ion: 117 Resp: 78856

Ion Ratio Lower Upper

117 100

201 72.9 38.6 115.8

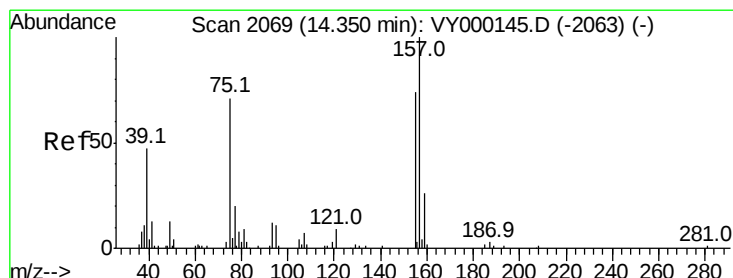
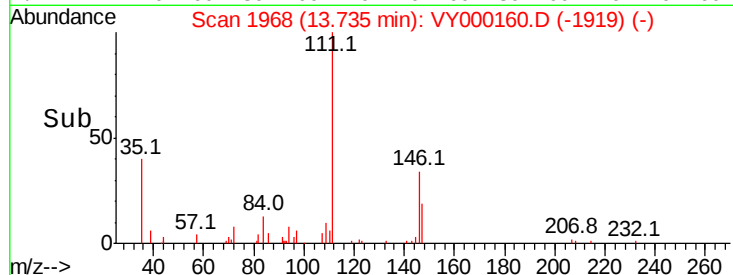
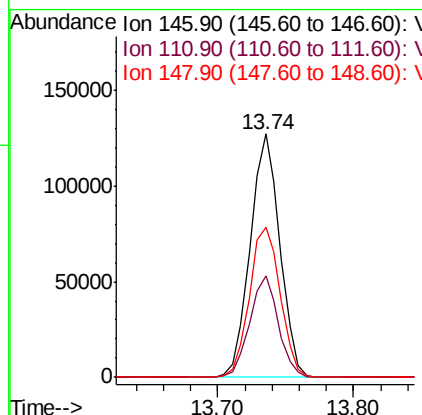
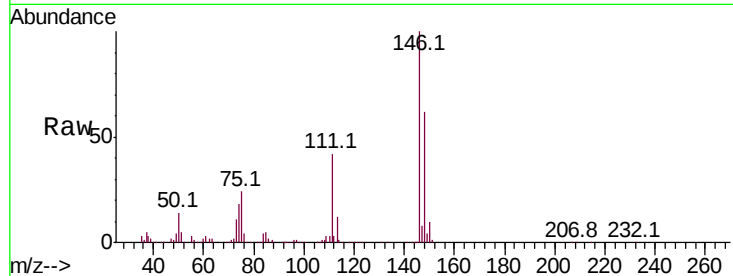




#91
 1,2-Dichlorobenzene
 Concen: 50.102 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

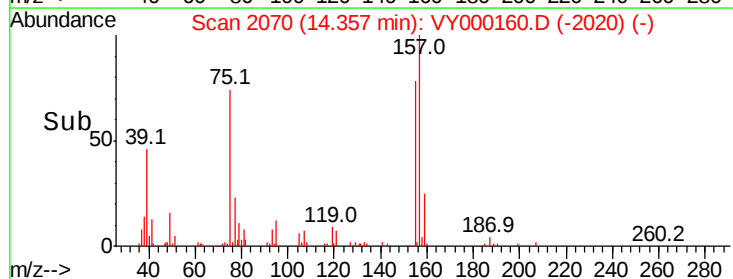
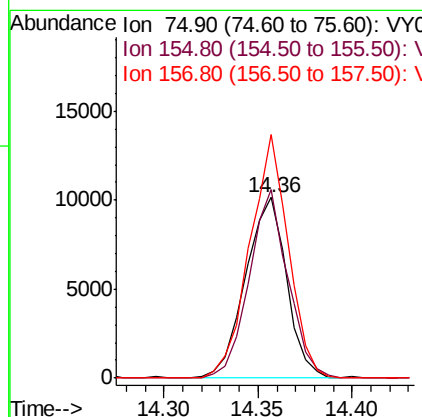
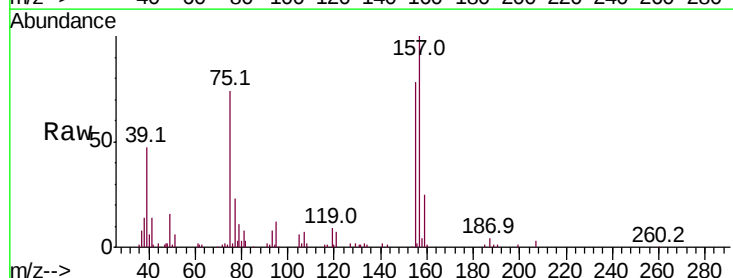
Instrument :
 MSVOA_Y
 ClientSampleId :

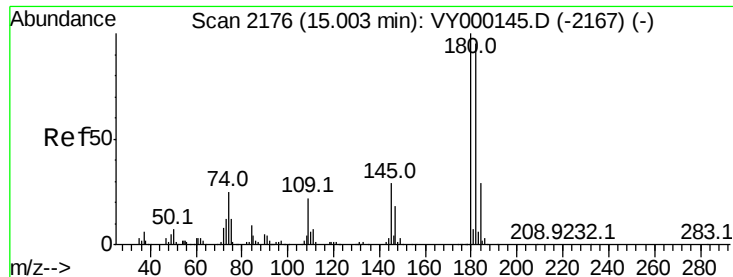
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.2	57.6
148	64.3	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.818 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	51.3	153.9
157	126.2	67.3	201.8

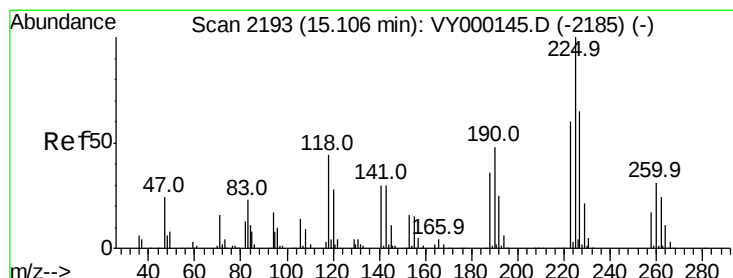
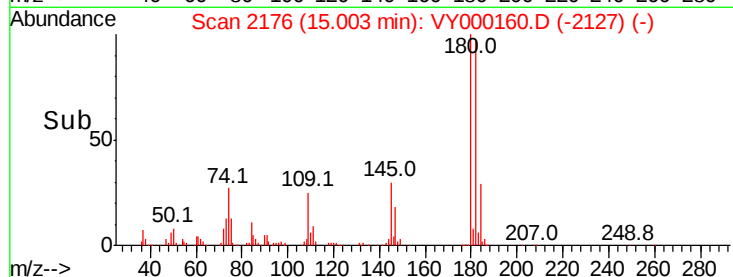
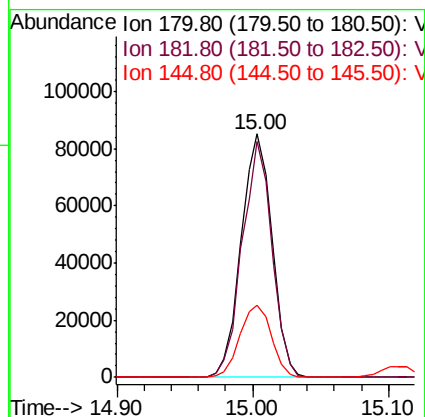
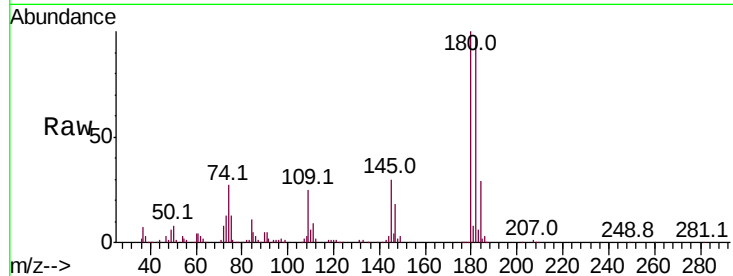




#93
 1,2,4-Trichlorobenzene
 Concen: 50.185 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

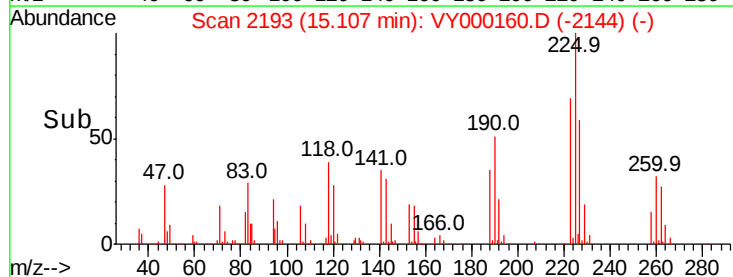
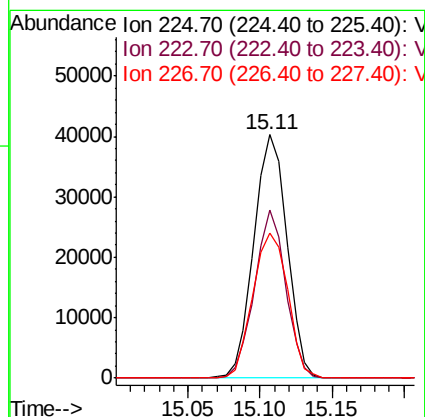
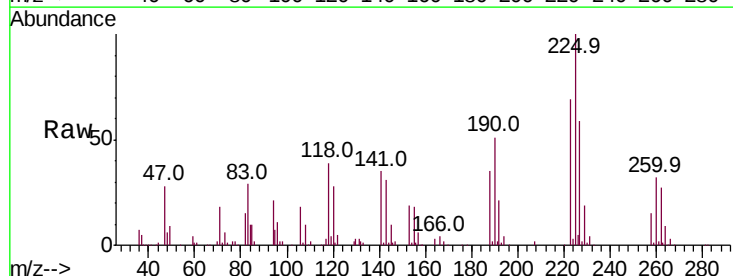
Instrument :
 MSVOA_Y
 ClientSampleId :

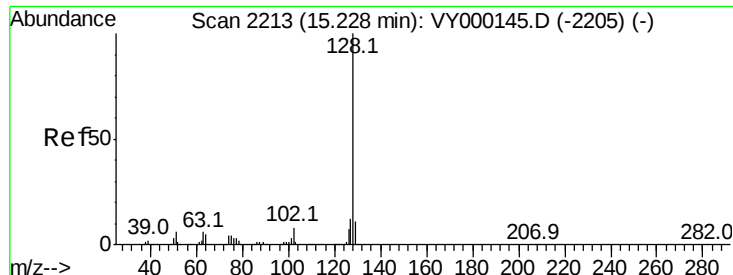
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.0	141.2
145	30.5	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 48.930 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000160.D
 Acq: 26 Sep 2019 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.5	94.5
227	62.7	32.4	97.0

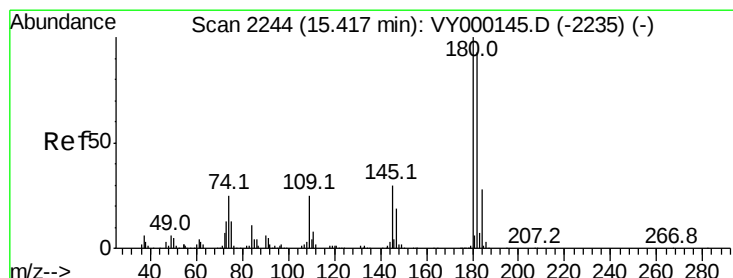
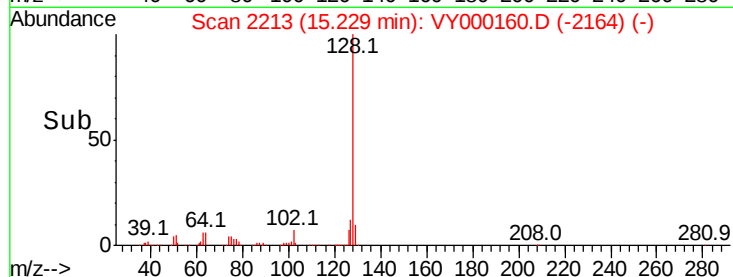
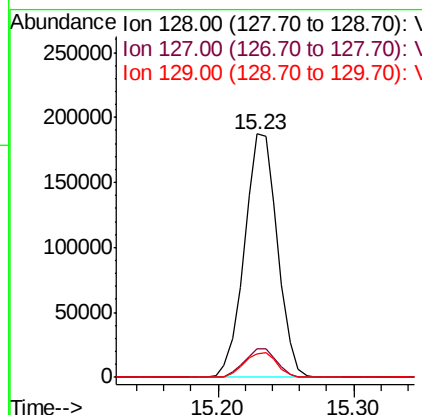
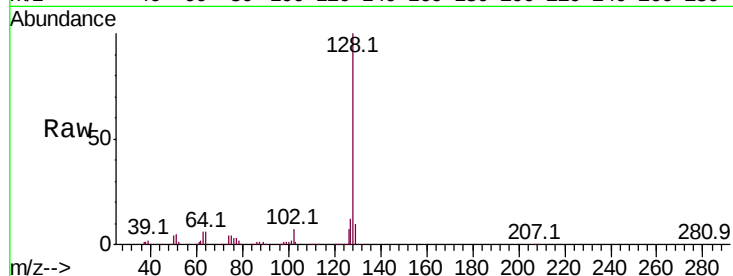




#95
Naphthalene
Concen: 52.528 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	9.5	14.3
129	10.3	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.975 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.6	139.7
145	32.6	15.4	46.4

