

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000565.D
 Acq On : 06 Nov 2019 20:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:59:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	475751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209740	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	159251	56.56	ug/l	0.00
Spiked Amount			Recovery	=	113.12%	
35) Dibromofluoromethane	7.73	113	145890	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	591673	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
62) 4-Bromofluorobenzene	12.48	95	216625	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	134502	50.223	ug/l	100
3) Chloromethane	2.11	50	182388	49.438	ug/l	99
4) Vinyl Chloride	2.25	62	173283	50.580	ug/l	100
5) Bromomethane	2.65	94	112046	54.540	ug/l	93
6) Chloroethane	2.80	64	108348	50.532	ug/l	98
7) Trichlorofluoromethane	3.13	101	230664	49.856	ug/l	99
8) Diethyl Ether	3.54	74	84393	51.336	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	139651	49.927	ug/l	96
10) Methyl Iodide	4.10	142	156636	43.021	ug/l	98
11) Tert butyl alcohol	4.96	59	60376	220.300	ug/l	98
12) 1,1-Dichloroethene	3.88	96	136035	50.058	ug/l	96
13) Acrolein	3.74	56	62853	263.287	ug/l	98
14) Allyl chloride	4.49	41	244482	55.327	ug/l	98
15) Acrylonitrile	5.18	53	204819	243.212	ug/l	99
16) Acetone	3.96	43	164659	212.200	ug/l	95
17) Carbon Disulfide	4.20	76	424099	49.480	ug/l	98
18) Methyl Acetate	4.49	43	118532	49.128	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	386307	51.127	ug/l	93
20) Methylene Chloride	4.72	84	159890	48.088	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	159799	52.014	ug/l	98
22) Diisopropyl ether	6.13	45	538872	56.106	ug/l	94
23) Vinyl Acetate	6.07	43	1583489	261.176	ug/l	99
24) 1,1-Dichloroethane	6.03	63	284512	54.680	ug/l	98
25) 2-Butanone	7.00	43	282364	228.010	ug/l	99
26) 2,2-Dichloropropane	6.99	77	240088	50.491	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	178231	53.054	ug/l	98
28) Bromochloromethane	7.35	49	130199	54.468	ug/l	96
29) Tetrahydrofuran	7.36	42	183162	241.767	ug/l	99
30) Chloroform	7.52	83	281241	53.431	ug/l	96
31) Cyclohexane	7.79	56	270134	49.568	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	244903	52.206	ug/l	99
36) 1,1-Dichloropropene	7.93	75	219946	48.904	ug/l	98
37) Ethyl Acetate	7.08	43	121584	45.534	ug/l	98
38) Carbon Tetrachloride	7.91	117	209612	48.436	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000565.D
 Acq On : 06 Nov 2019 20:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:59:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	280451	48.267	ug/l	96
40) Benzene	8.17	78	658434	49.935	ug/l	99
41) Methacrylonitrile	7.36	41	166795	111.973	ug/l #	57
42) 1,2-Dichloroethane	8.25	62	188917	50.515	ug/l	99
43) Isopropyl Acetate	8.28	43	237849	47.418	ug/l	99
44) Trichloroethene	8.95	130	170147	48.941	ug/l	96
45) 1,2-Dichloropropane	9.22	63	167381	51.577	ug/l	98
46) Dibromomethane	9.31	93	85630	47.978	ug/l	99
47) Bromodichloromethane	9.50	83	219270	51.777	ug/l	97
48) Methyl methacrylate	9.30	41	105799	48.275	ug/l	96
49) 1,4-Dioxane	9.30	88	23082	960.941	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	624620	234.215	ug/l	99
52) Toluene	10.25	92	418604	50.214	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	231745	51.215	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	266114	51.336	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	127073	49.226	ug/l	94
56) Ethyl methacrylate	10.51	69	185700	50.755	ug/l	98
57) 1,3-Dichloropropane	10.79	76	228575	50.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	411165	248.575	ug/l	97
59) 2-Hexanone	10.83	43	434783	223.761	ug/l	100
60) Dibromochloromethane	10.99	129	146491	49.543	ug/l	99
61) 1,2-Dibromoethane	11.09	107	119708	48.230	ug/l	96
64) Tetrachloroethene	10.72	164	168539	46.801	ug/l	97
65) Chlorobenzene	11.52	112	433369	49.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	151184	49.368	ug/l	99
67) Ethyl Benzene	11.59	91	812252	49.982	ug/l	99
68) m/p-Xylenes	11.70	106	620908	98.717	ug/l	97
69) o-Xylene	12.03	106	289081	48.903	ug/l	98
70) Styrene	12.04	104	508428	50.228	ug/l	99
71) Bromoform	12.20	173	83318	47.303	ug/l #	99
73) Isopropylbenzene	12.33	105	792804	51.144	ug/l	100
74) N-amyl acetate	12.14	43	222675	50.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	146664	47.784	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	206328	86.396	ug/l #	100
77) Bromobenzene	12.61	156	174742	49.710	ug/l	95
78) n-propylbenzene	12.67	91	975138	52.136	ug/l	98
79) 2-Chlorotoluene	12.75	91	534548	51.481	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	670433	51.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53406	50.140	ug/l	95
82) 4-Chlorotoluene	12.85	91	566794	52.660	ug/l	97
83) tert-Butylbenzene	13.07	119	571742	51.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	676387	52.620	ug/l	98
85) sec-Butylbenzene	13.25	105	819273	52.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	710870	50.787	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	342799	49.787	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	338125	49.144	ug/l	98
89) n-Butylbenzene	13.69	91	707912	51.278	ug/l	99
90) Hexachloroethane	13.95	117	135162	52.233	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	312174	49.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25094	46.197	ug/l	96

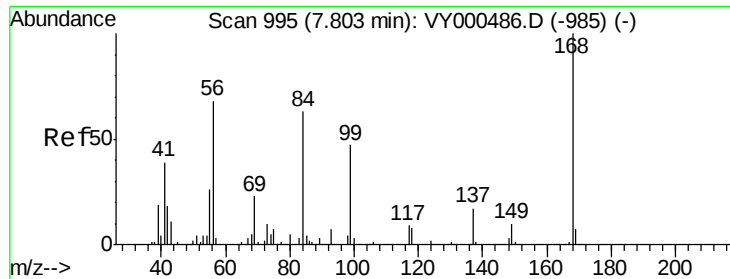
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
Data File : VY000565.D
Acq On : 06 Nov 2019 20:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 07 04:59:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	199073	46.801	ug/l	99
94) Hexachlorobutadiene	15.11	225	105254	48.003	ug/l	98
95) Naphthalene	15.23	128	444556	47.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	180095	47.193	ug/l	97

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

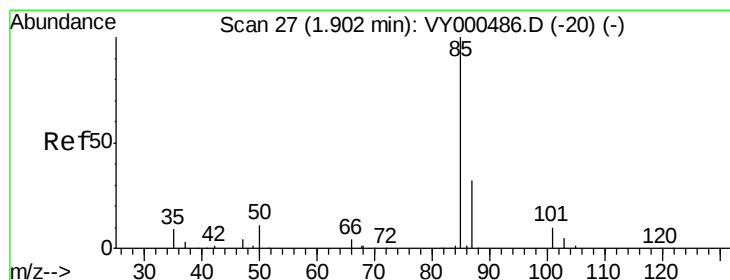
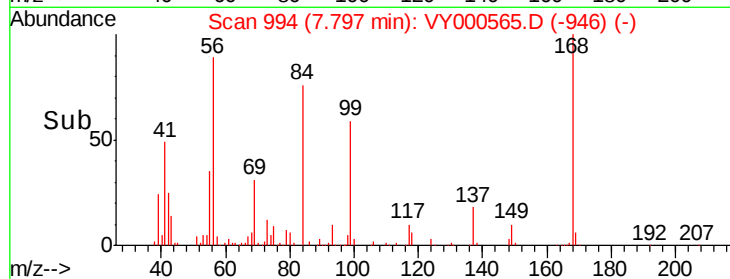
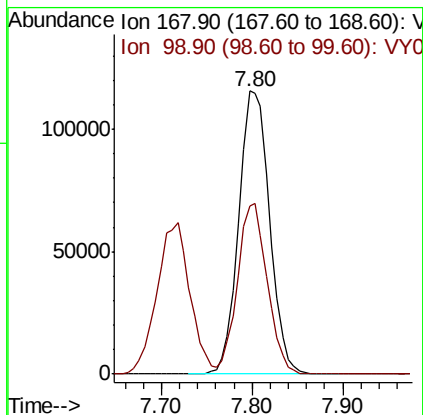
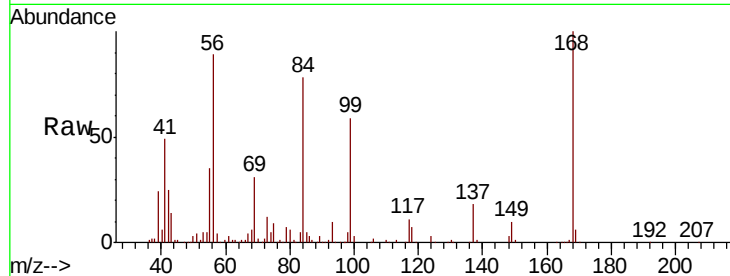


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :

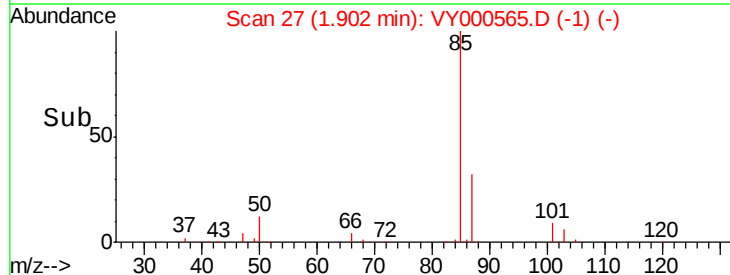
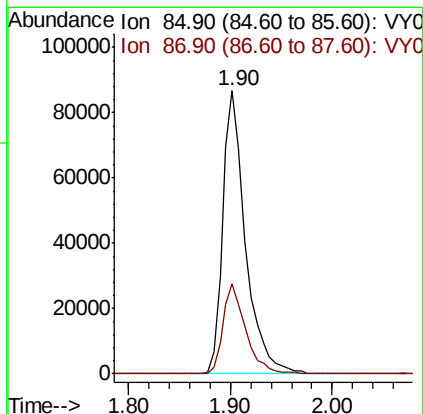
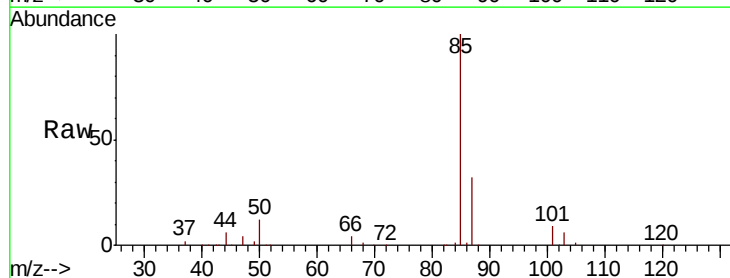
Tot Ion:168 Resp: 272055
 Ion Ratio Lower Upper
 168 100
 99 59.4 45.7 68.5

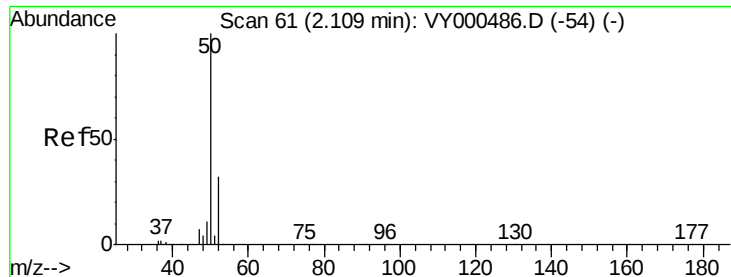


#2

Dichlorodifluoromethane
 Concen: 50.223 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 85 Resp: 134502
 Ion Ratio Lower Upper
 85 100
 87 31.8 15.9 47.7





#3

Chloromethane

Concen: 49.438 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

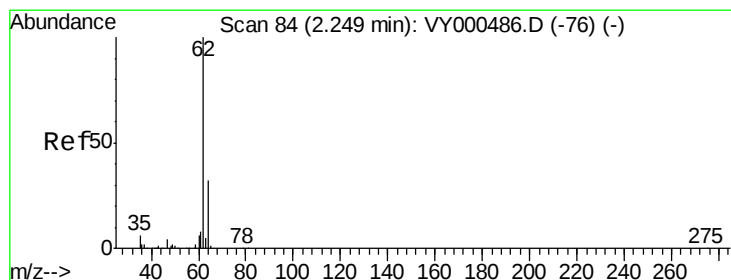
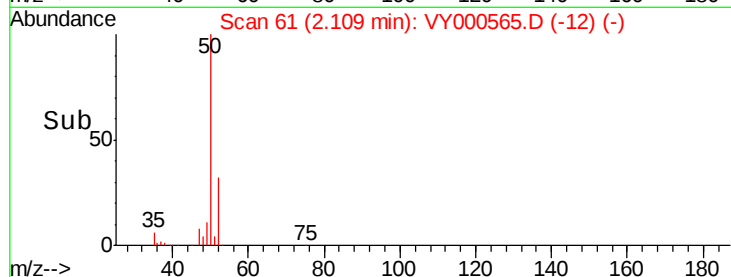
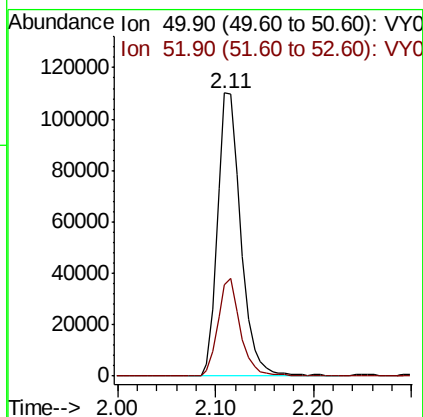
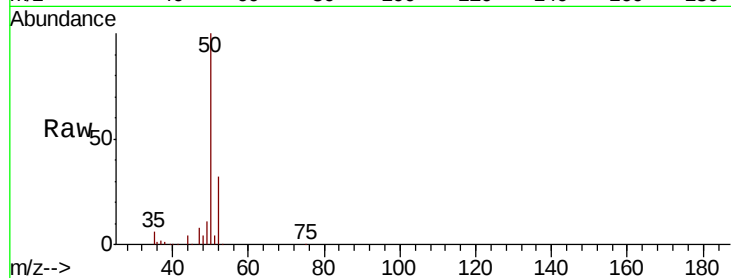
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 182388

Ion Ratio Lower Upper

50 100

52 32.3 25.2 37.8



#4

Vinyl Chloride

Concen: 50.580 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000565.D

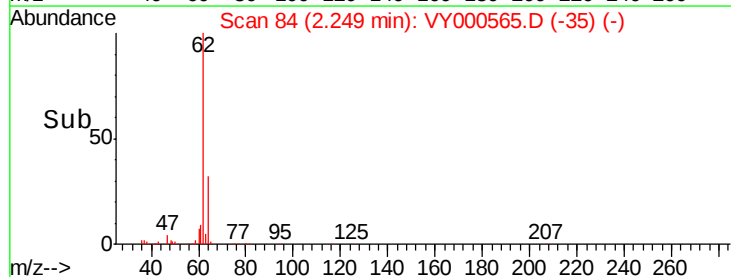
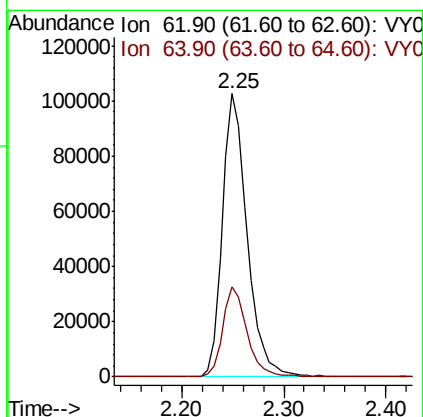
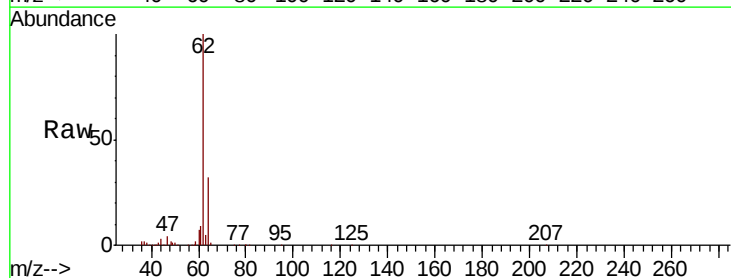
Acq: 06 Nov 2019 20:41

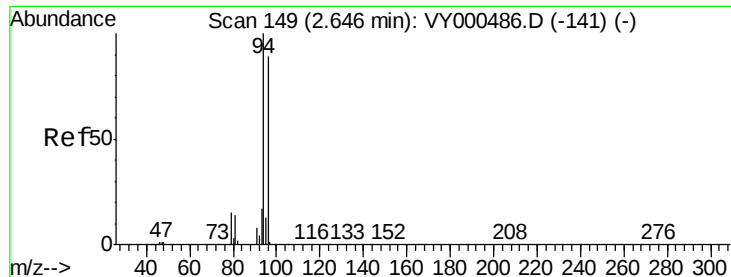
Tgt Ion: 62 Resp: 173283

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 54.540 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

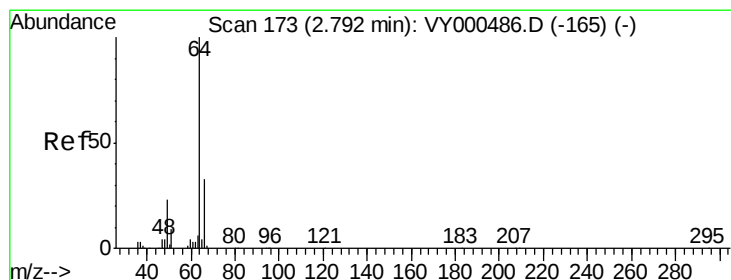
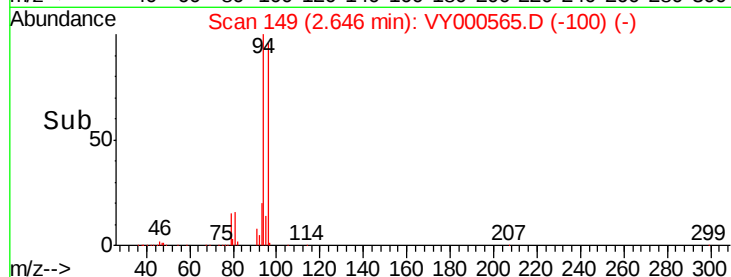
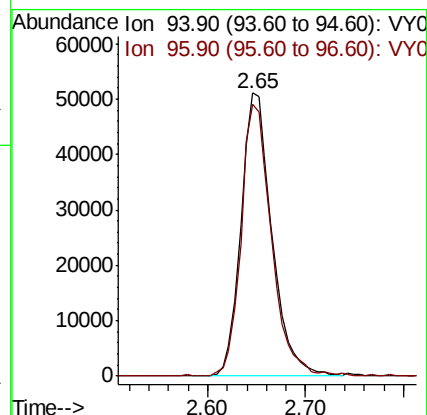
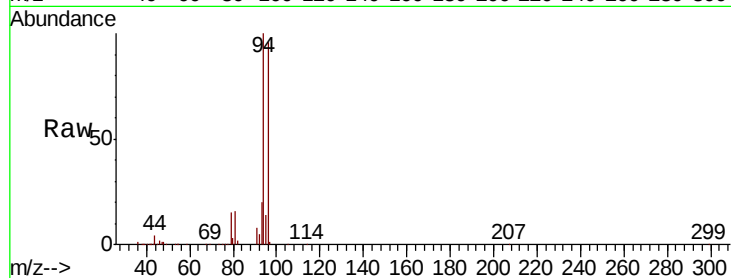
ClientSampleId :

Tot Ion: 94 Resp: 112046

Ion Ratio Lower Upper

94 100

96 95.7 71.2 106.8



#6

Chloroethane

Concen: 50.532 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000565.D

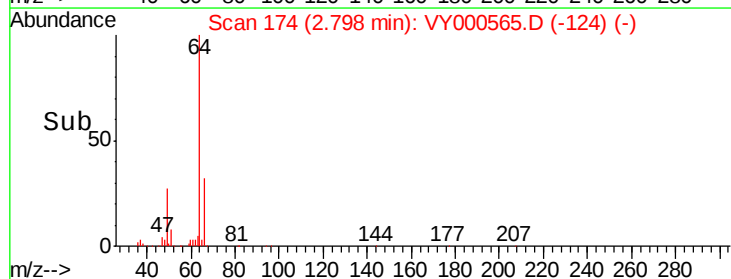
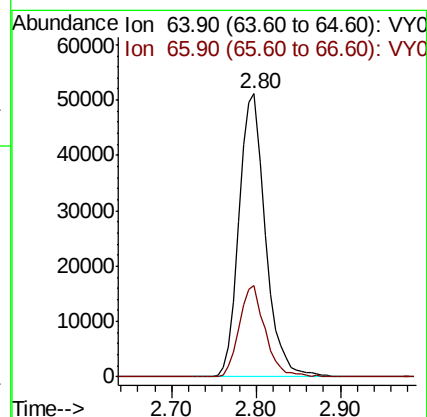
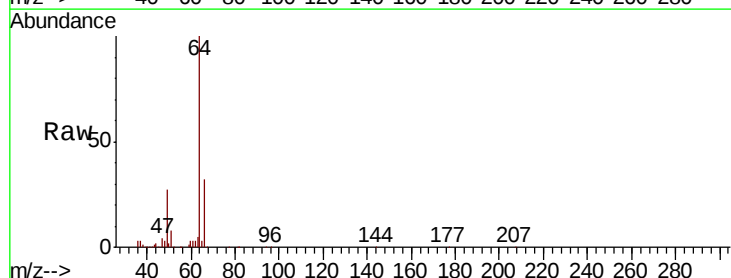
Acq: 06 Nov 2019 20:41

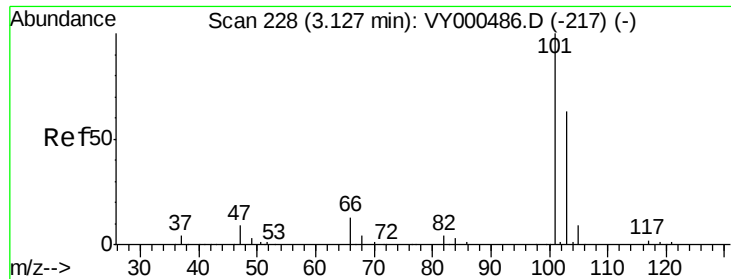
Tgt Ion: 64 Resp: 108348

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0



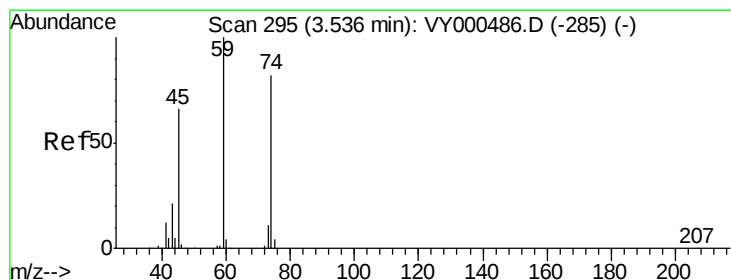
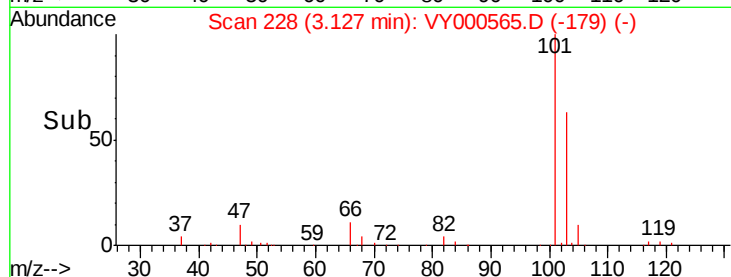
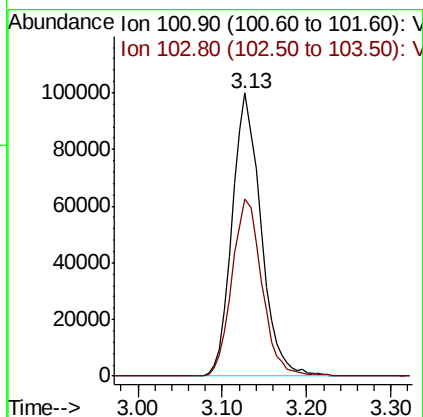
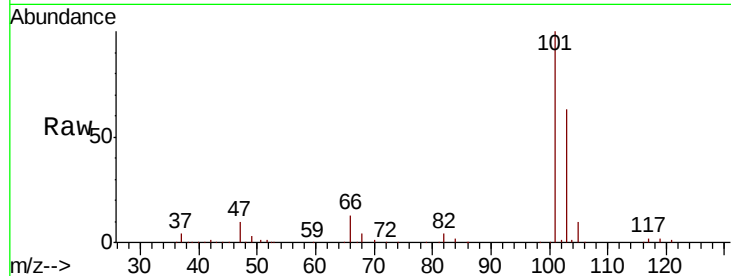


#7

Trichlorofluoromethane
 Concen: 49.856 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :

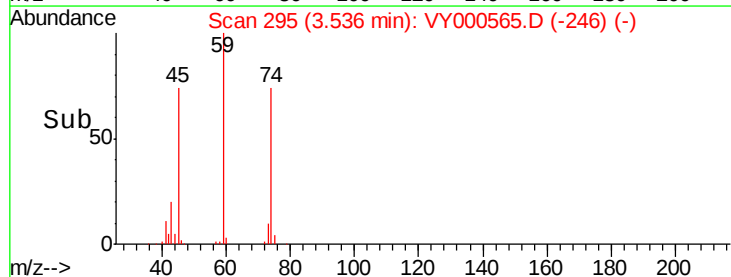
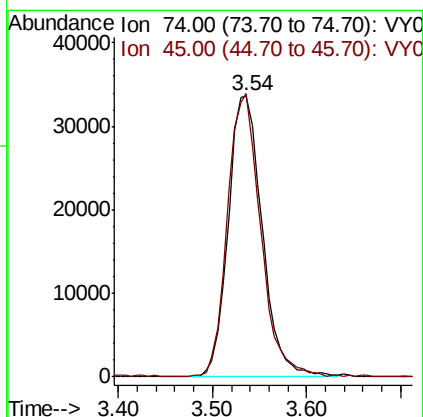
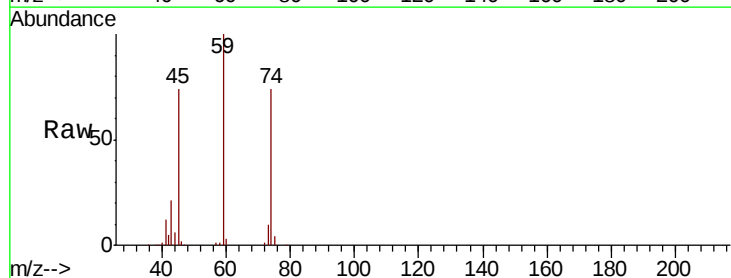
Tot Ion:101 Resp: 230664
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.5 75.7

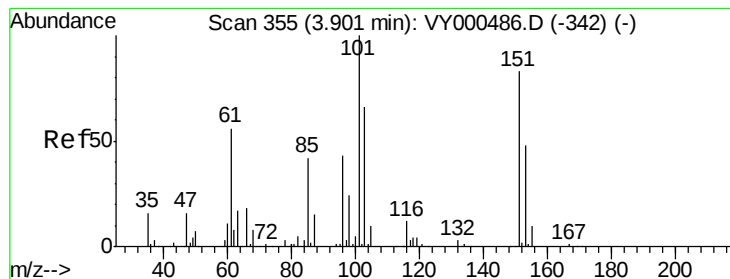


#8

Diethyl Ether
 Concen: 51.336 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 74 Resp: 84393
 Ion Ratio Lower Upper
 74 100
 45 98.9 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.927 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampled :

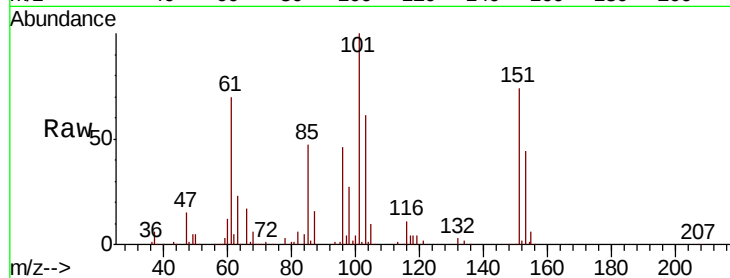
Tot Ion:101 Resp: 139651

Ion Ratio Lower Upper

101 100

85 45.7 36.7 55.1

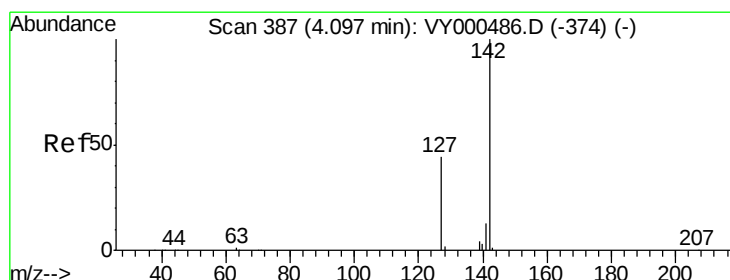
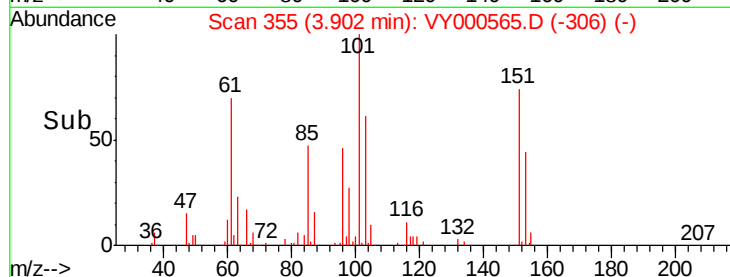
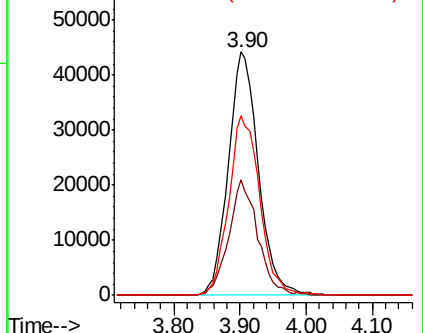
151 75.5 64.3 96.5



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: 43.021 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

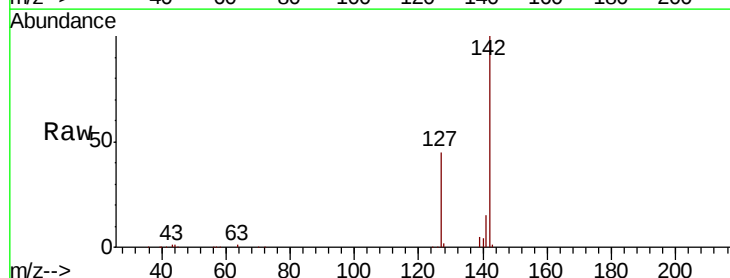
Tgt Ion:142 Resp: 156636

Ion Ratio Lower Upper

142 100

127 43.1 33.7 50.5

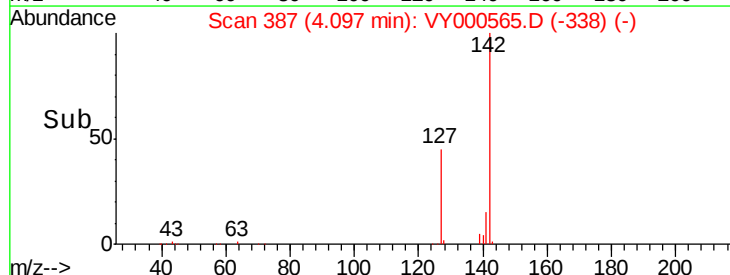
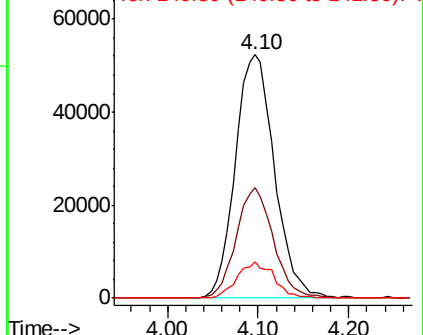
141 14.2 10.9 16.3

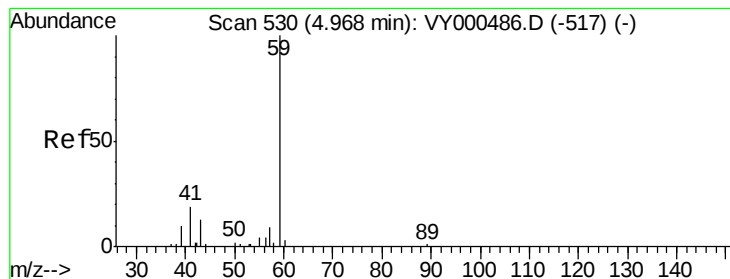


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



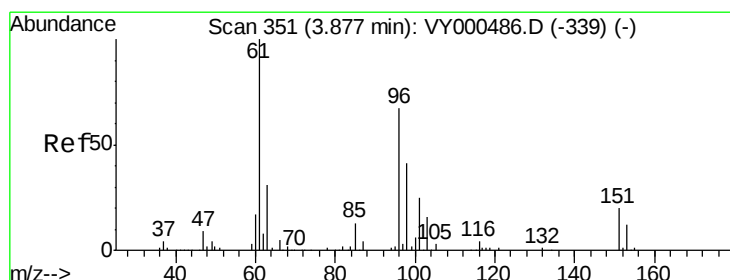
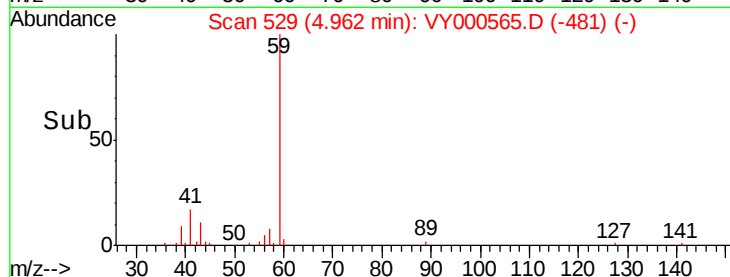
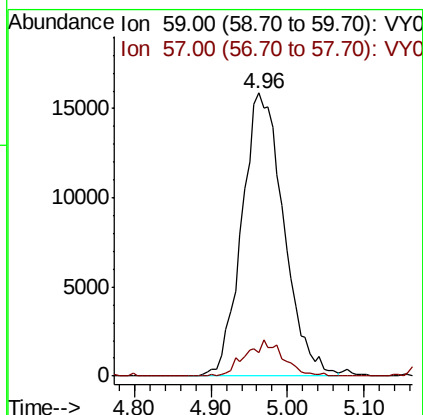
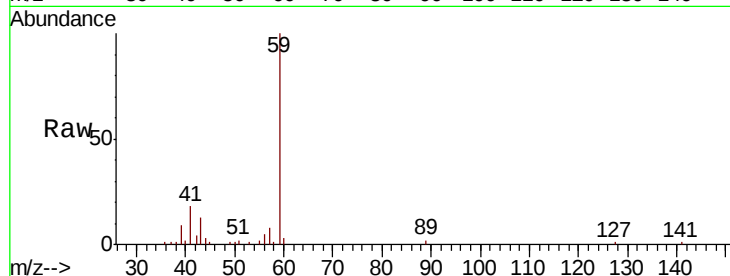


#11

Tert butyl alcohol
 Concen: 220.300 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :

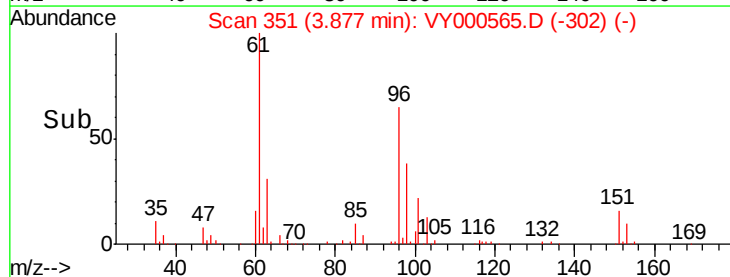
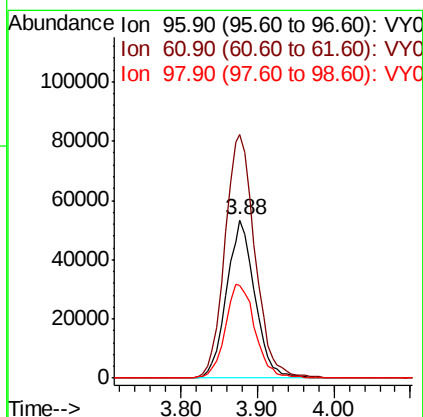
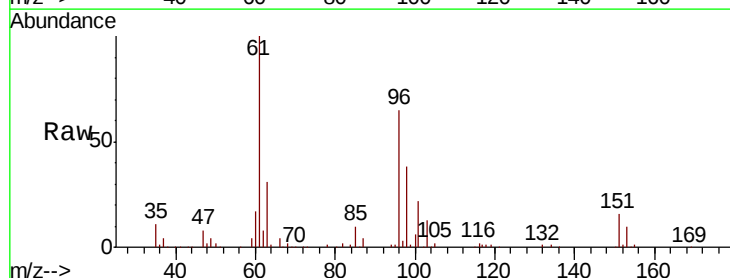
Tot Ion: 59 Resp: 60376
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.6 12.8

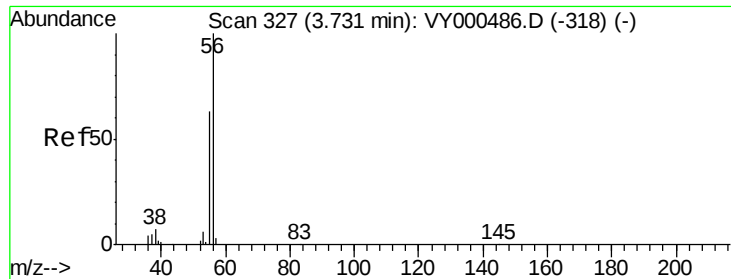


#12

1,1-Dichloroethene
 Concen: 50.058 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 96 Resp: 136035
 Ion Ratio Lower Upper
 96 100
 61 154.0 119.2 178.8
 98 58.8 48.6 73.0





#13

Acrolein

Concen: 263.287 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

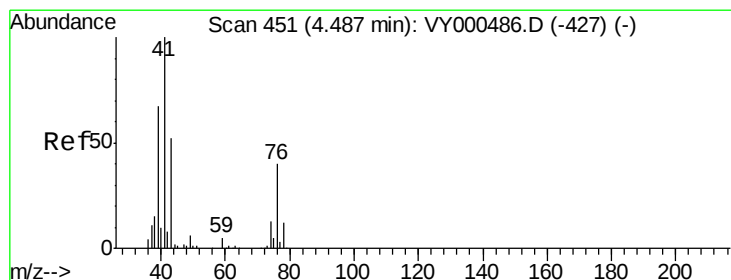
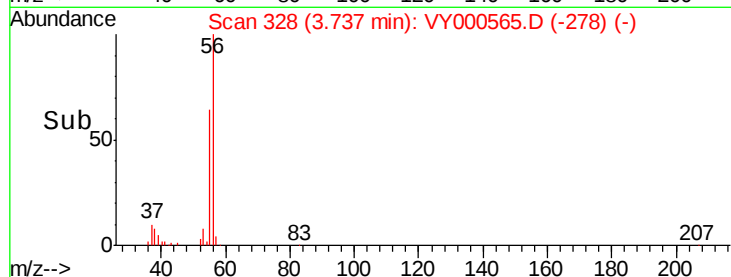
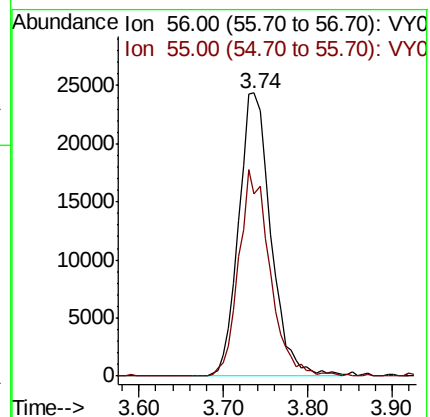
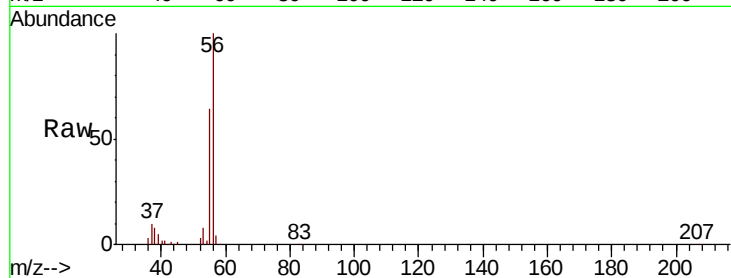
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 62853

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.6



#14

Allyl chloride

Concen: 55.327 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

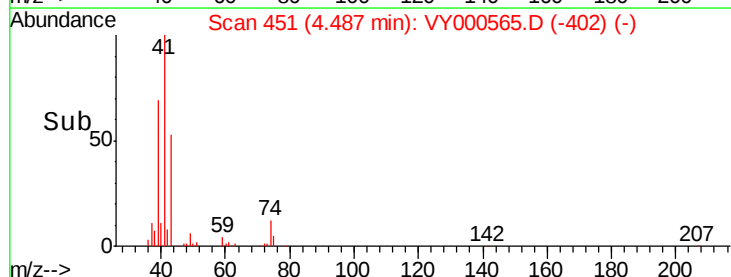
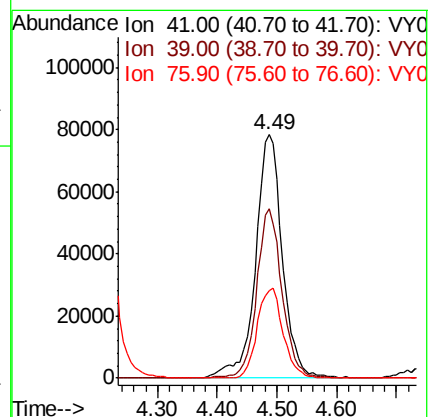
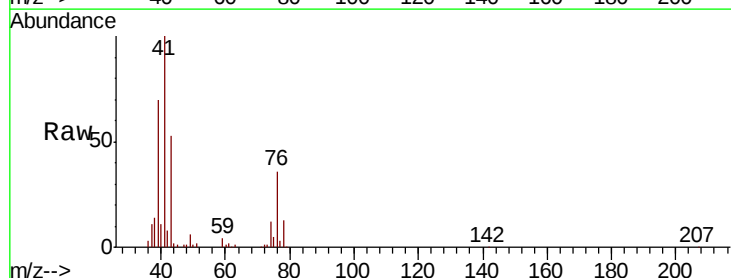
Tgt Ion: 41 Resp: 244482

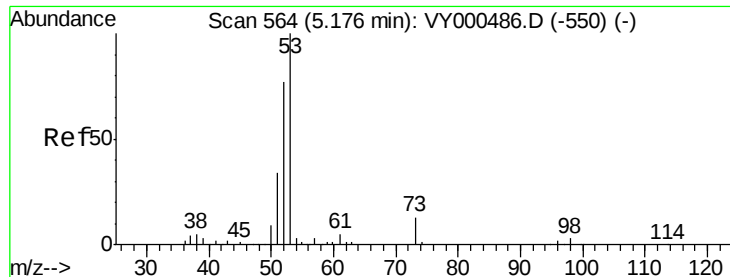
Ion Ratio Lower Upper

41 100

39 66.2 53.6 80.4

76 35.7 29.8 44.6

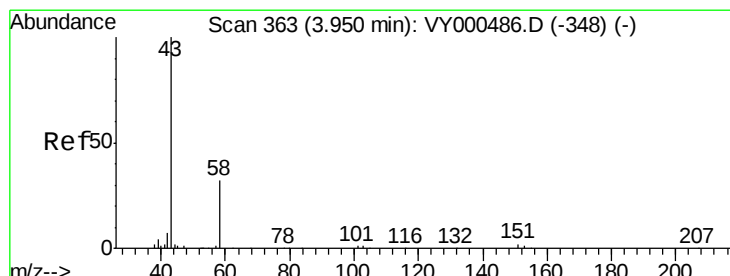
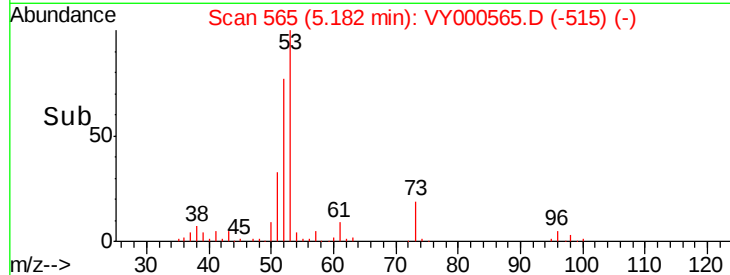
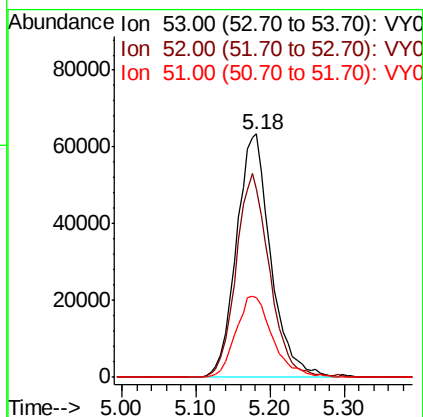
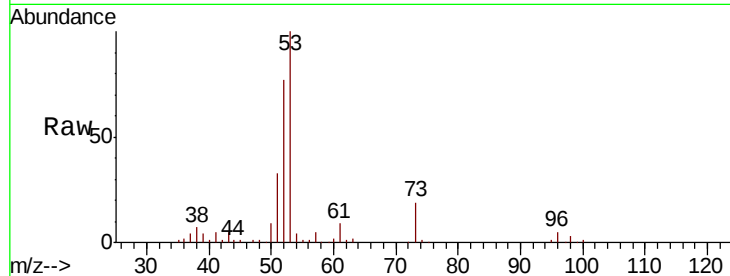




#15
 Acrylonitrile
 Concen: 243.212 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

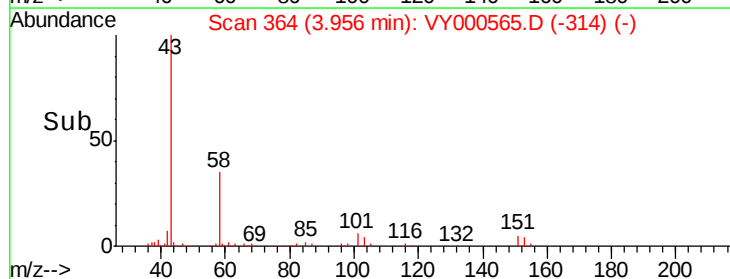
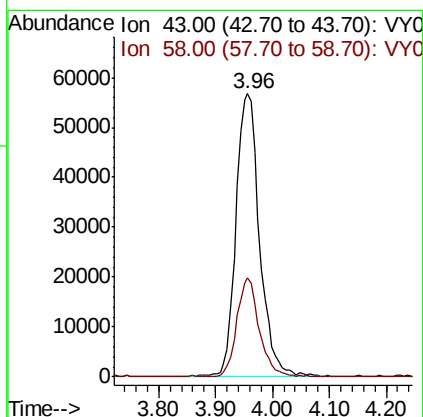
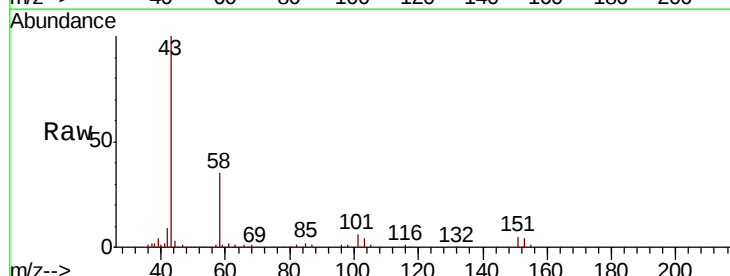
Instrument :
 MSVOA_Y
 ClientSampleId :

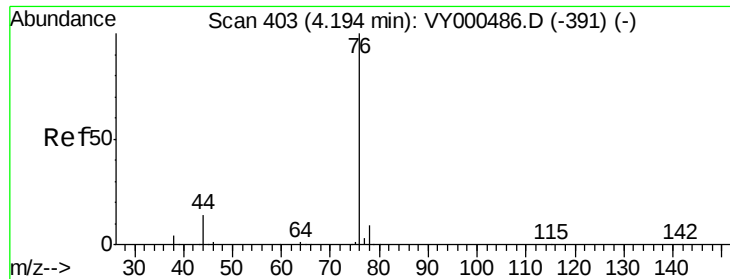
Tot Ion:	53	Resp:	204819
Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.9	97.3
51	35.8	27.6	41.4



#16
 Acetone
 Concen: 212.200 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion:	43	Resp:	164659
Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.8	38.6

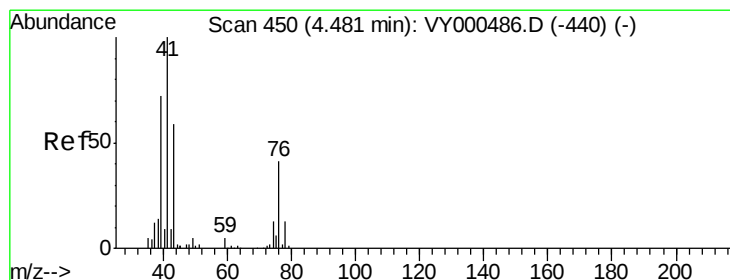
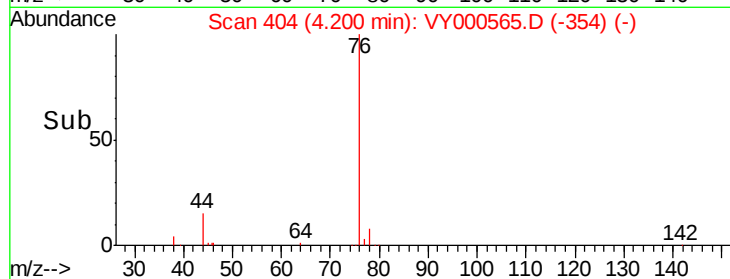
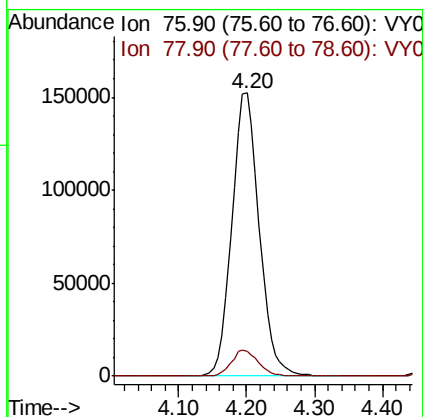
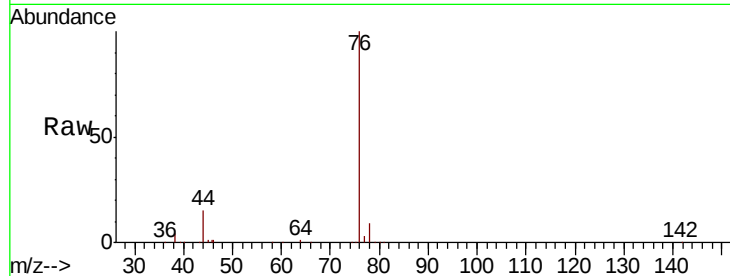




#17
Carbon Disulfide
Concen: 49.480 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

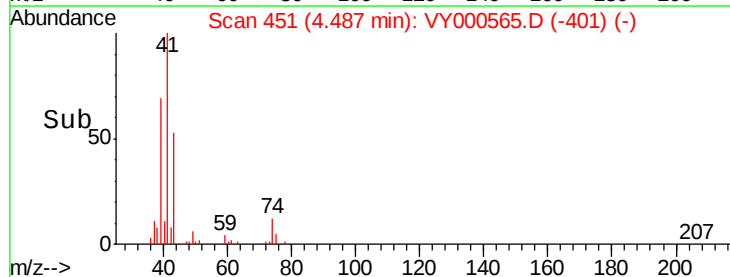
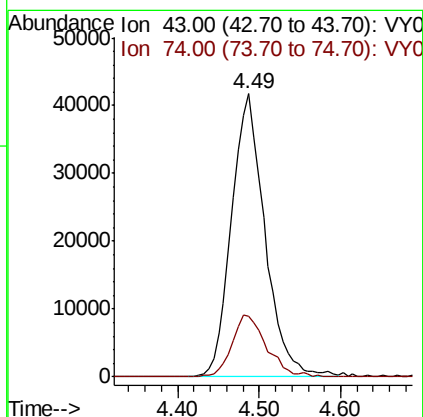
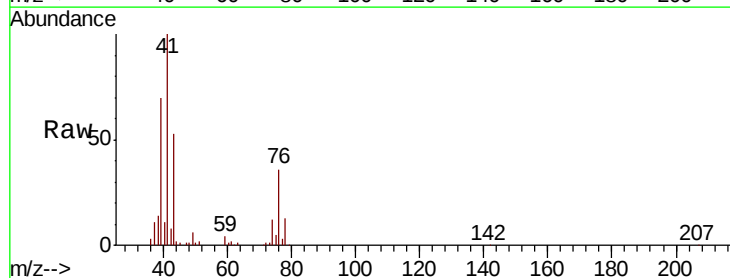
Instrument :
MSVOA_Y
ClientSampleId :

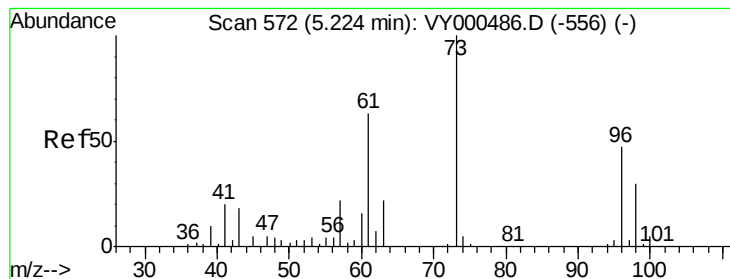
Tot Ion: 76 Resp: 424099
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 49.128 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 43 Resp: 118532
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8



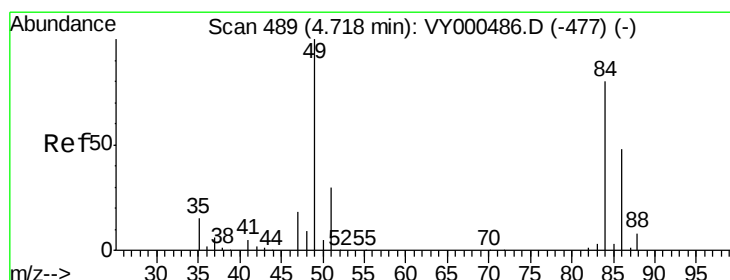
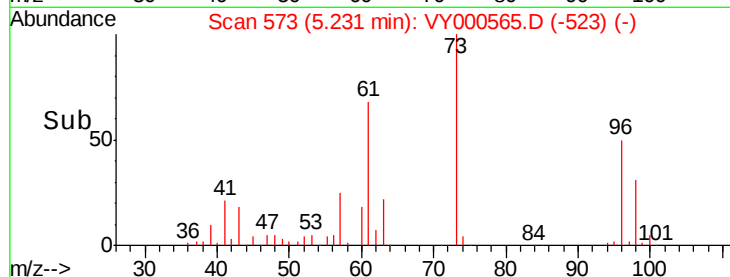
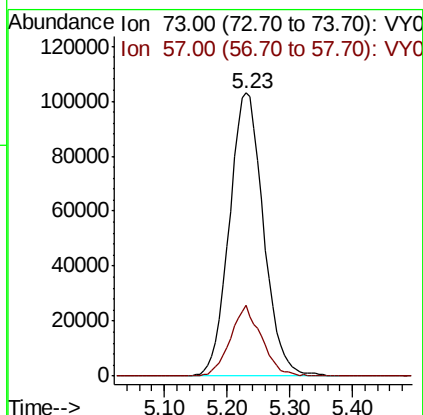
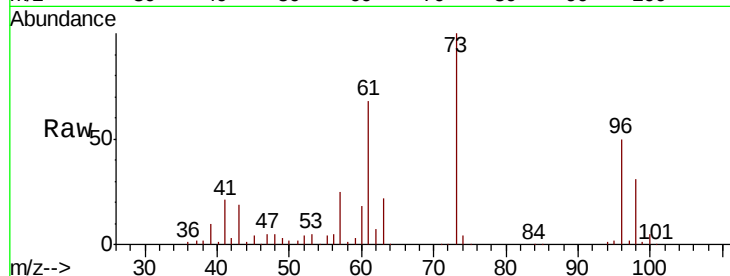


#19

Methyl tert-butyl Ether
 Concen: 51.127 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :

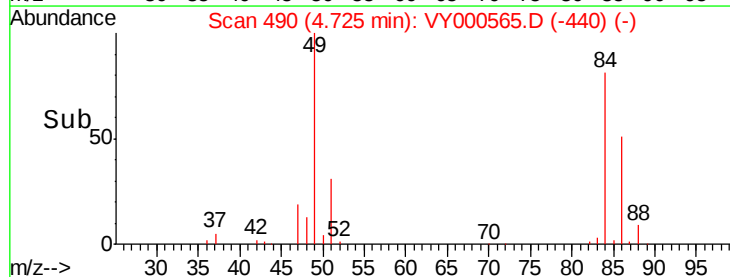
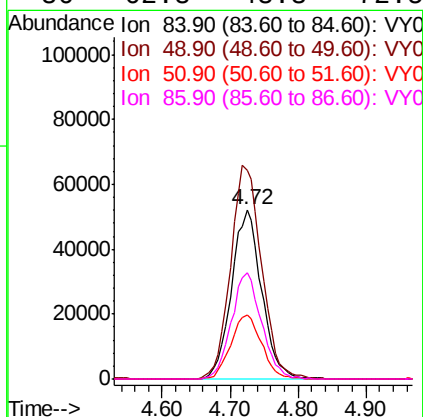
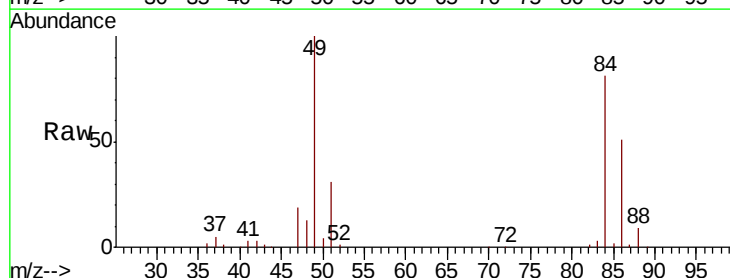
Tot Ion: 73 Resp: 386307
 Ion Ratio Lower Upper
 73 100
 57 24.9 17.4 26.0

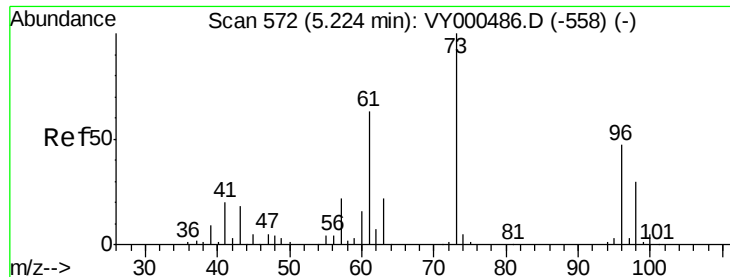


#20

Methylene Chloride
 Concen: 48.088 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 84 Resp: 159890
 Ion Ratio Lower Upper
 84 100
 49 123.2 100.2 150.4
 51 38.2 29.6 44.4
 86 62.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 52.014 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampled :

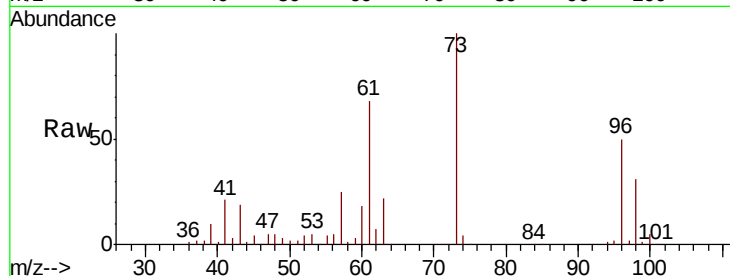
Tot Ion: 96 Resp: 159799

Ion Ratio Lower Upper

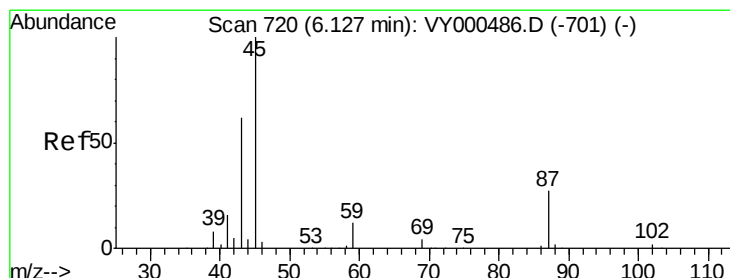
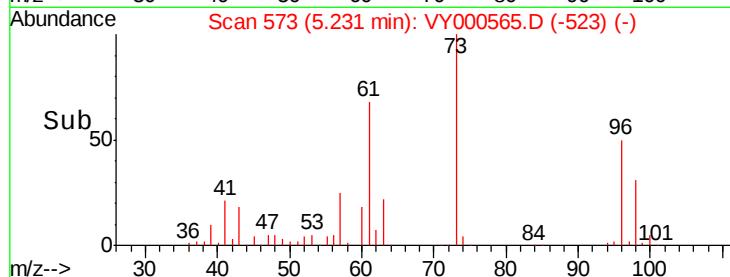
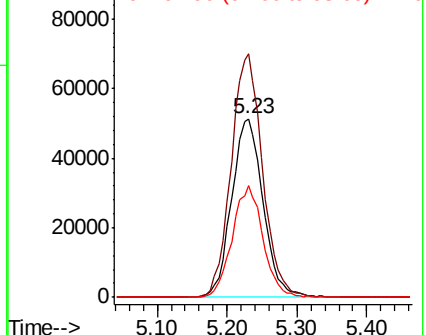
96 100

61 136.4 106.6 160.0

98 62.4 50.6 76.0



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



#22

Diisopropyl ether

Concen: 56.106 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion: 45 Resp: 538872

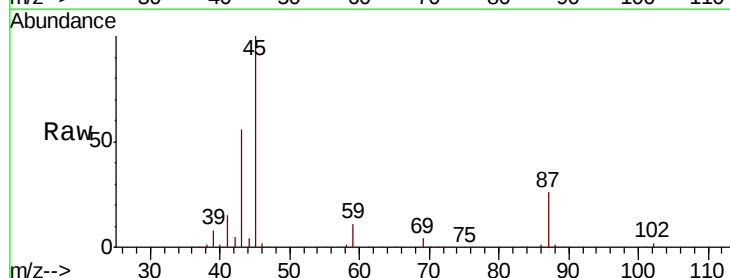
Ion Ratio Lower Upper

45 100

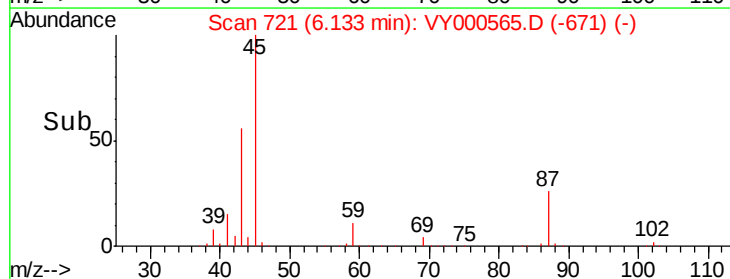
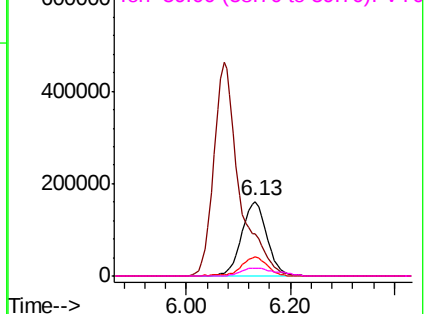
43 55.4 50.0 75.0

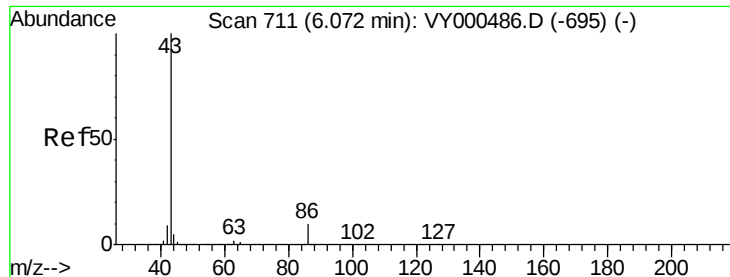
87 26.3 21.6 32.4

59 10.7 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 261.176 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

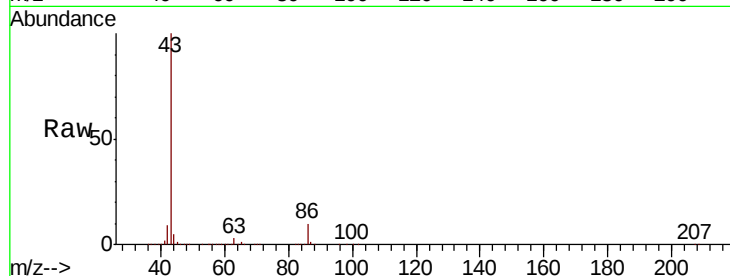
ClientSampled :

Tot Ion: 43 Resp: 1583489

Ion Ratio Lower Upper

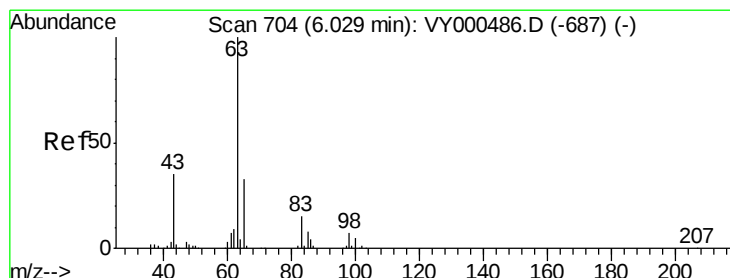
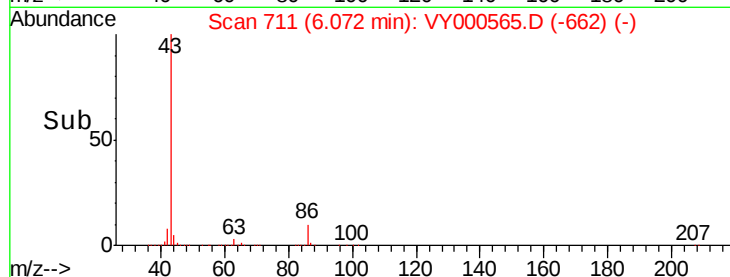
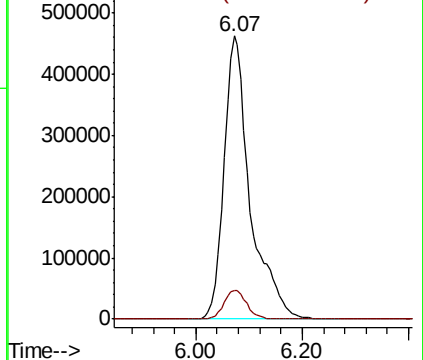
43 100

86 10.0 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.680 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

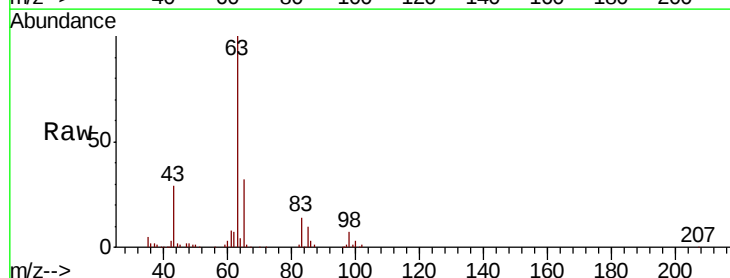
Tgt Ion: 63 Resp: 284512

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

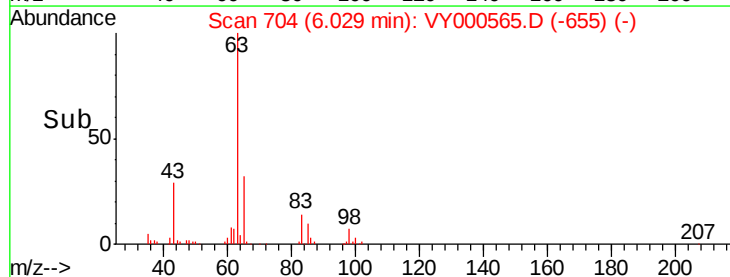
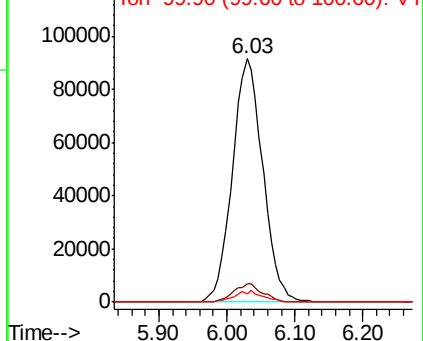
100 3.5 2.4 7.1

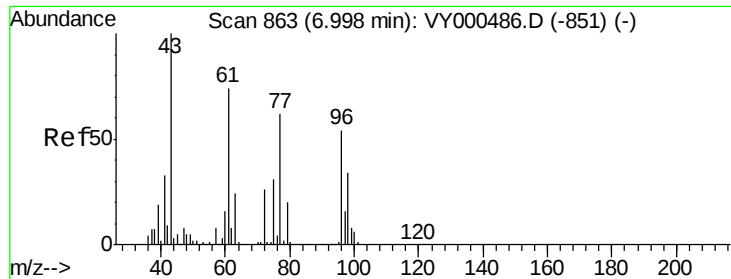


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

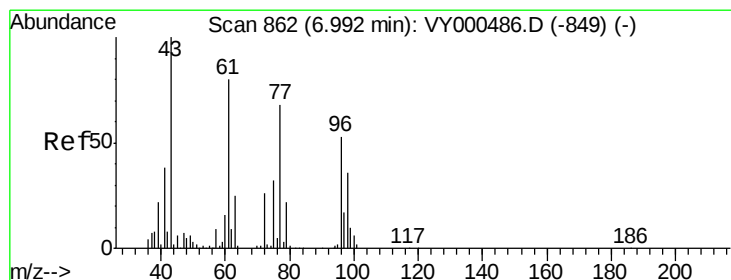
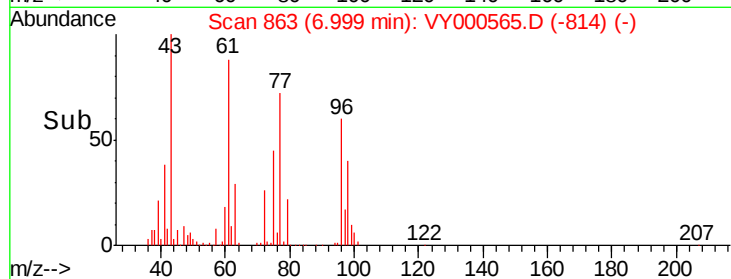
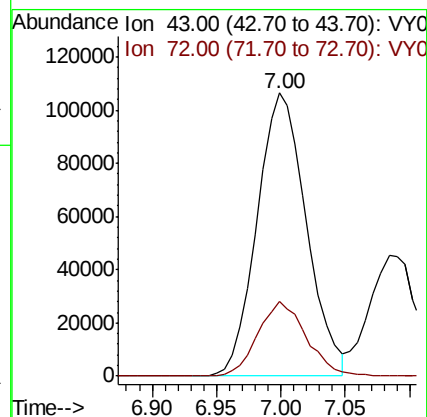
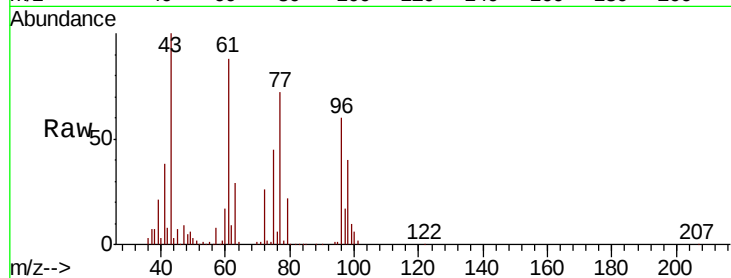




#25
2-Butanone
Concen: 228.010 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

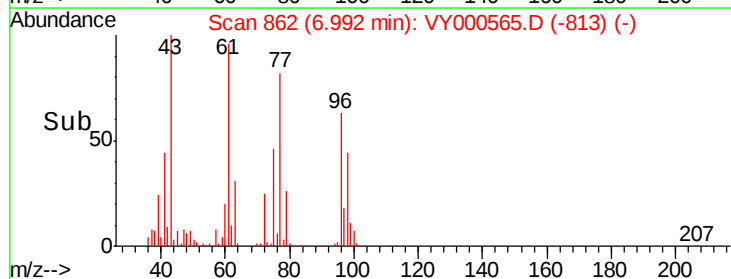
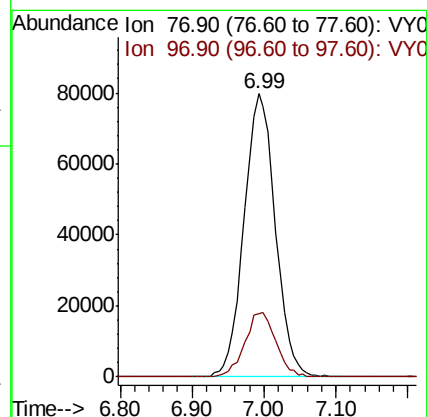
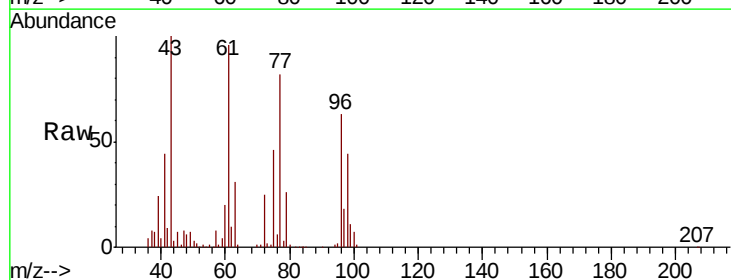
Instrument :
MSVOA_Y
ClientSampled :

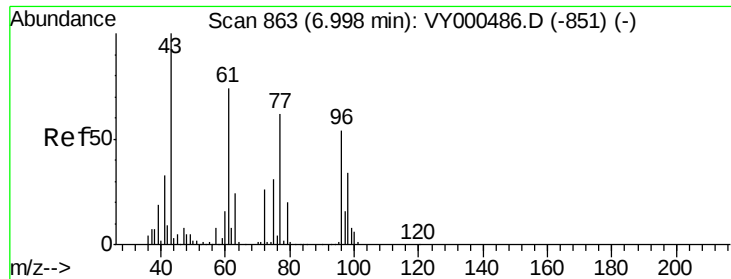
Tot Ion: 43 Resp: 282364
Ion Ratio Lower Upper
43 100
72 26.4 20.9 31.3



#26
2,2-Dichloropropane
Concen: 50.491 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 77 Resp: 240088
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.4



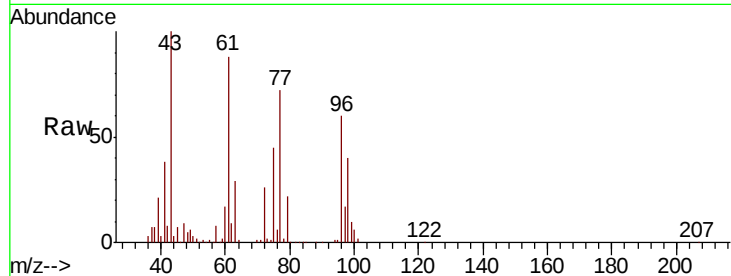


#27

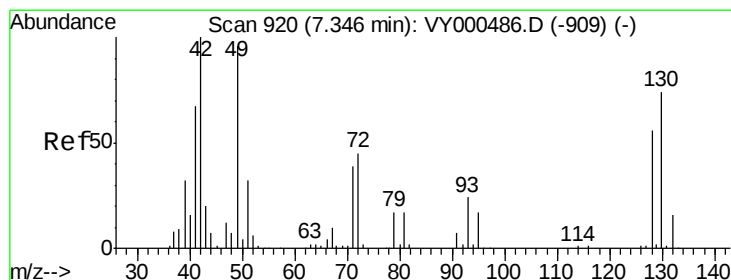
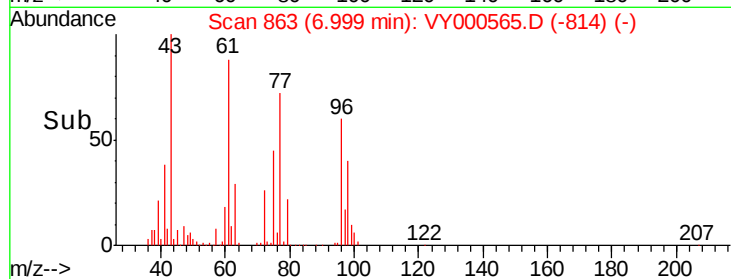
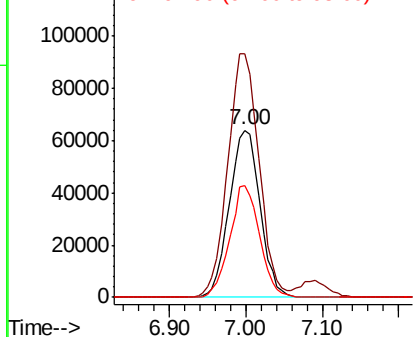
cis-1,2-Dichloroethene
Concen: 53.054 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 178231
Ion Ratio Lower Upper
96 100
61 147.8 0.0 287.0
98 64.8 0.0 129.4



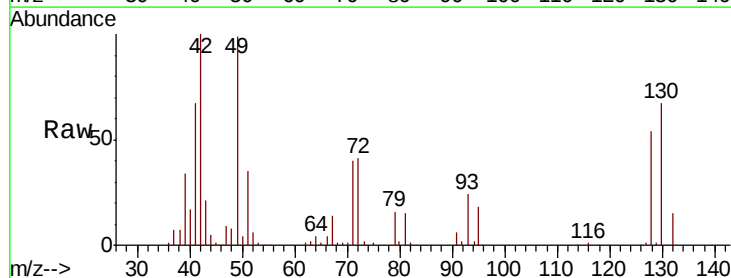
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



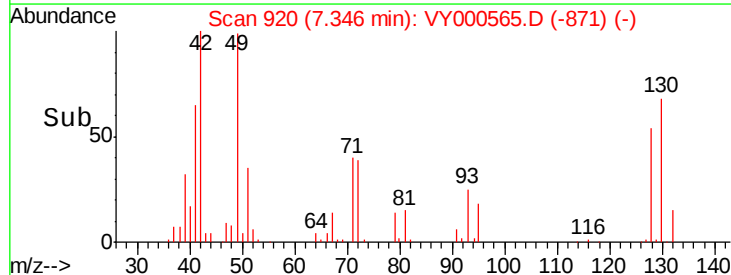
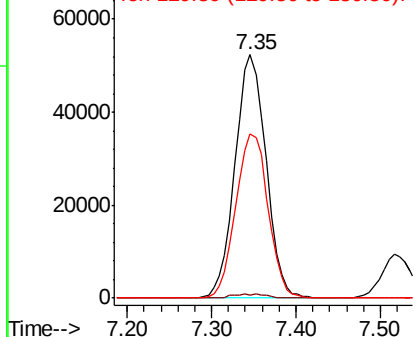
#28

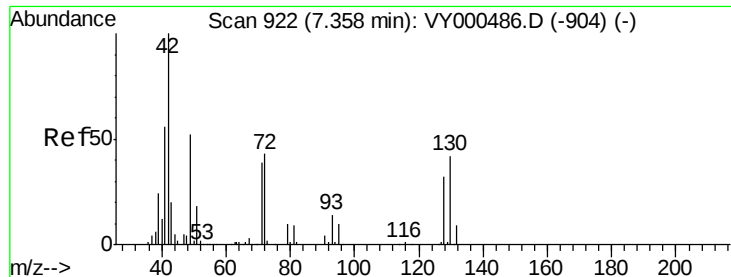
Bromochloromethane
Concen: 54.468 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 49 Resp: 130199
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 70.3 59.4 89.0



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

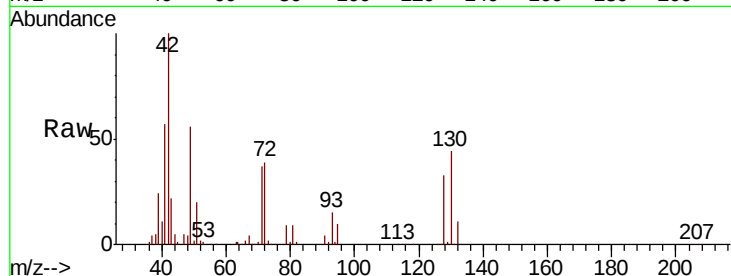




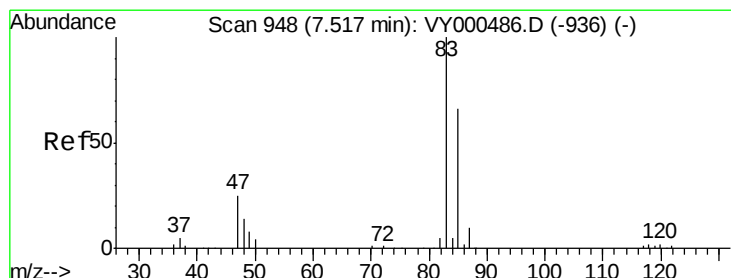
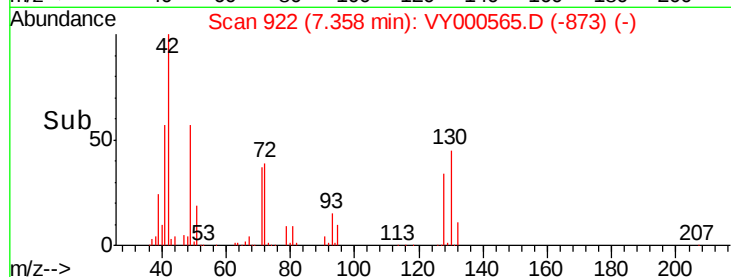
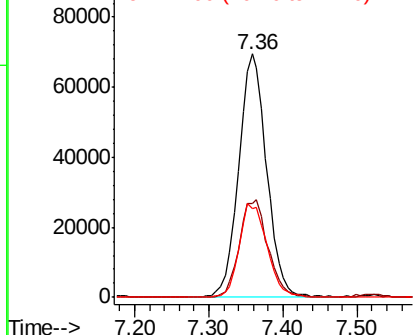
#29
Tetrahydrofuran
Concen: 241.767 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 183162
Ion Ratio Lower Upper
42 100
72 41.0 34.0 51.0
71 38.5 30.8 46.2

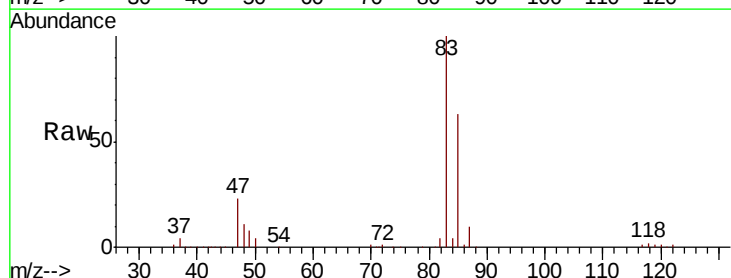


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

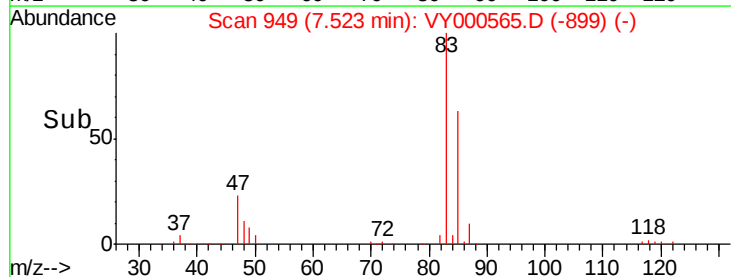
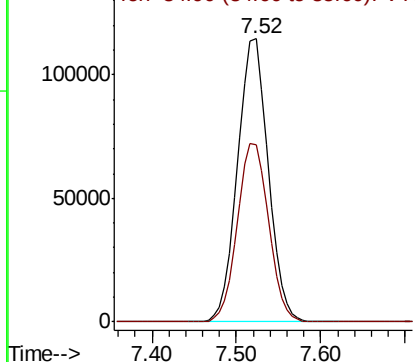


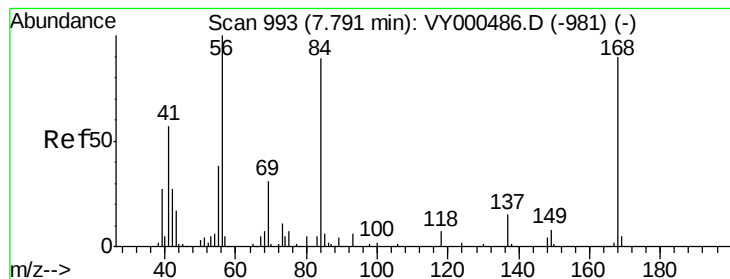
#30
Chloroform
Concen: 53.431 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 83 Resp: 281241
Ion Ratio Lower Upper
83 100
85 62.7 53.0 79.4



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





#31

Cyclohexane

Concen: 49.568 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampled :

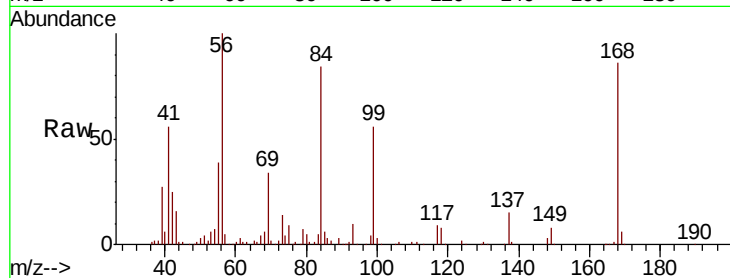
Tot Ion: 56 Resp: 270134

Ion Ratio Lower Upper

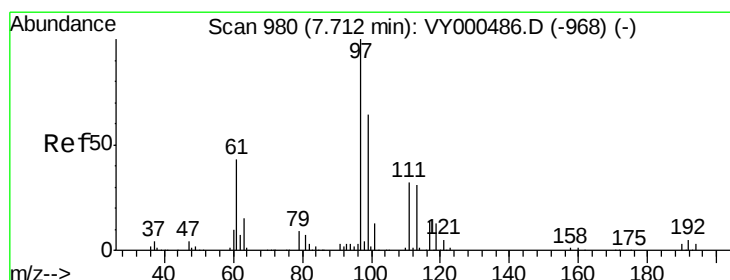
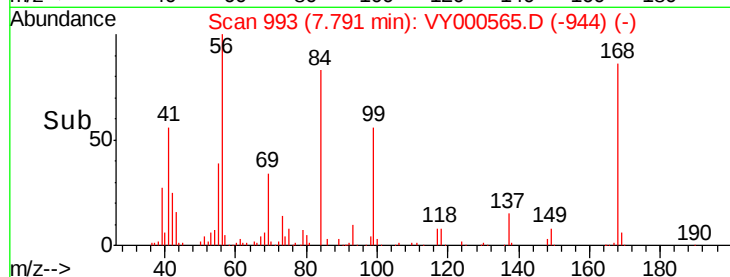
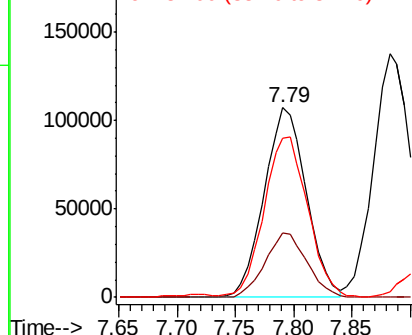
56 100

69 33.7 25.0 37.6

84 82.3 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 52.206 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

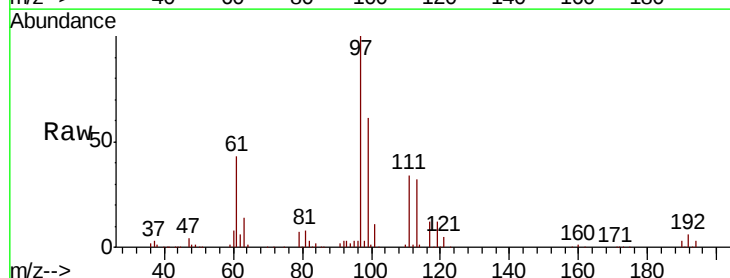
Tgt Ion: 97 Resp: 244903

Ion Ratio Lower Upper

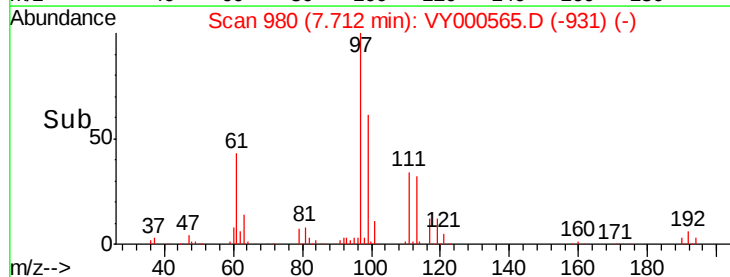
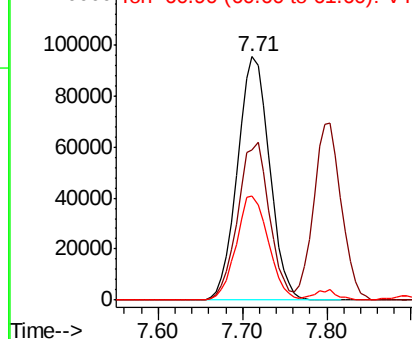
97 100

99 64.1 50.9 76.3

61 43.2 34.9 52.3



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

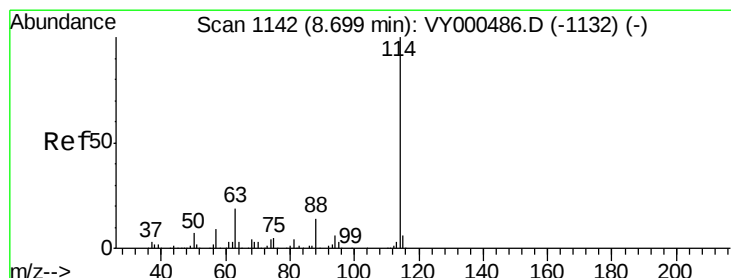
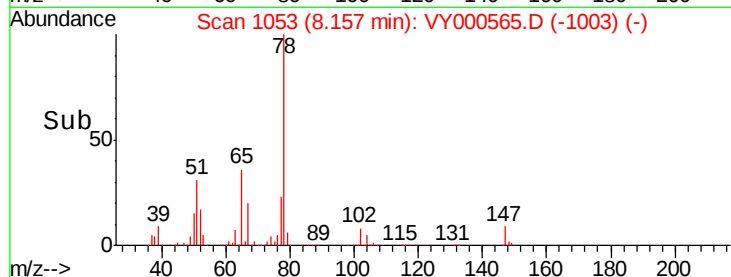
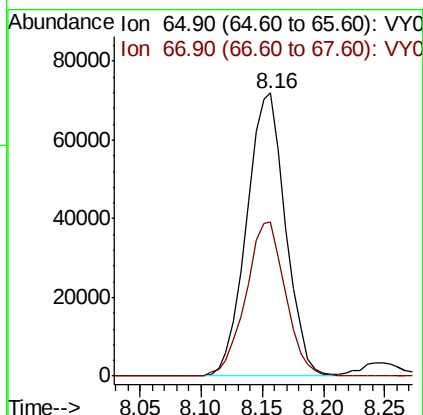
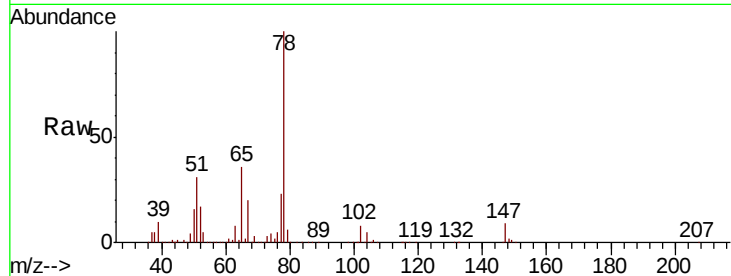




#33
 1,2-Dichloroethane-d4
 Concen: 56.564 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

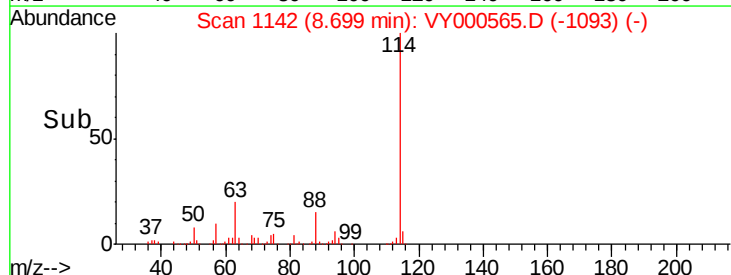
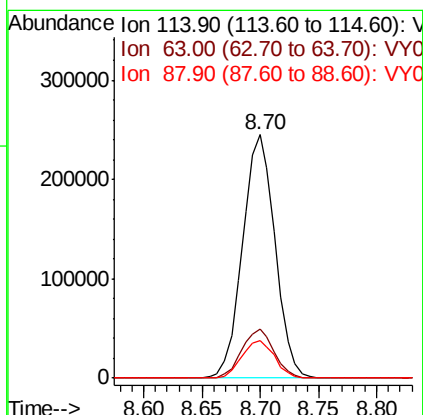
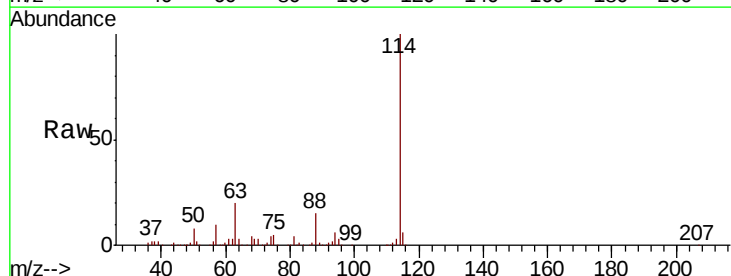
Instrument :
 MSVOA_Y
 ClientSampleId :

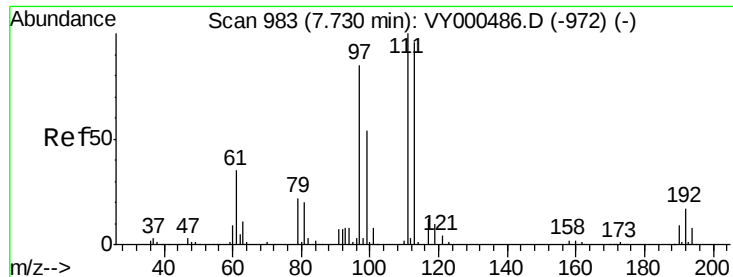
Tot Ion	65	Resp	159251
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	114	Resp	475751
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.0
88	15.5	0.0	28.6

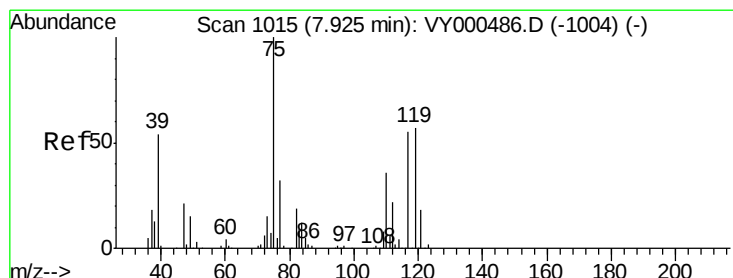
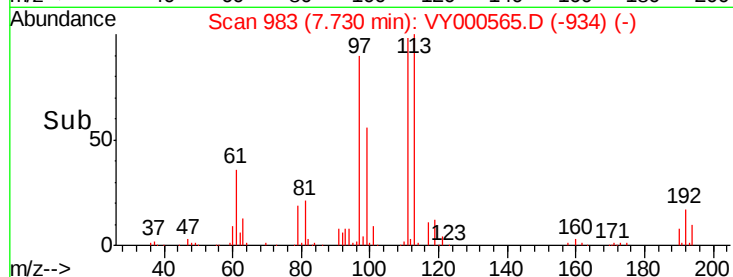
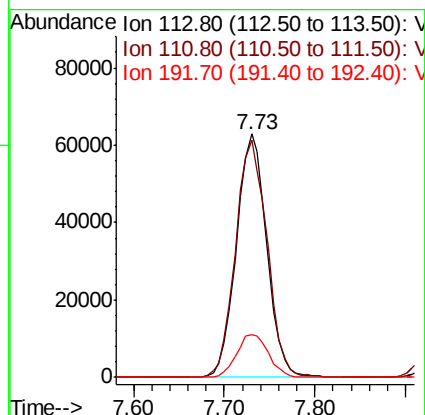
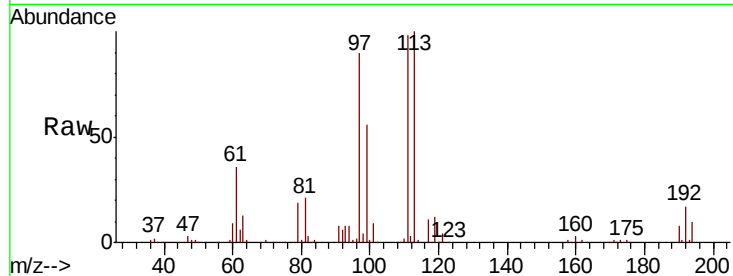




#35
Dibromofluoromethane
Concen: 52.235 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

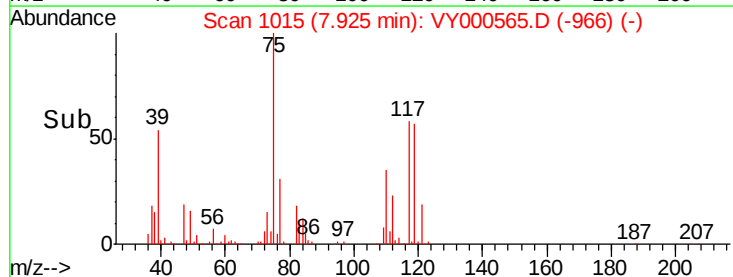
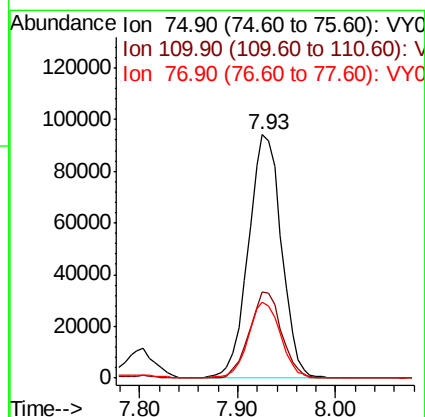
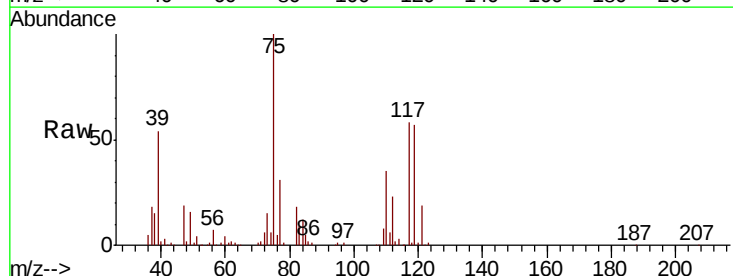
Instrument :
MSVOA_Y
ClientSampleId :

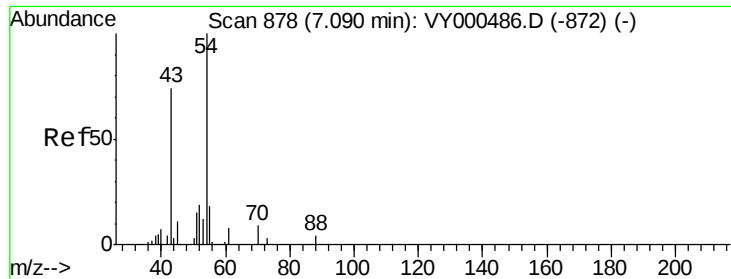
Tot Ion:113 Resp: 145890
Ion Ratio Lower Upper
113 100
111 101.3 81.7 122.5
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 48.904 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 75 Resp: 219946
Ion Ratio Lower Upper
75 100
110 34.6 18.1 54.1
77 30.9 25.0 37.6

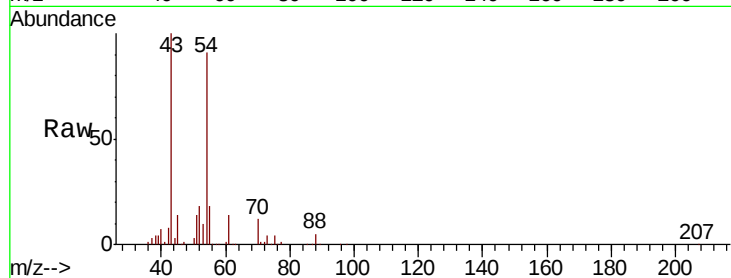




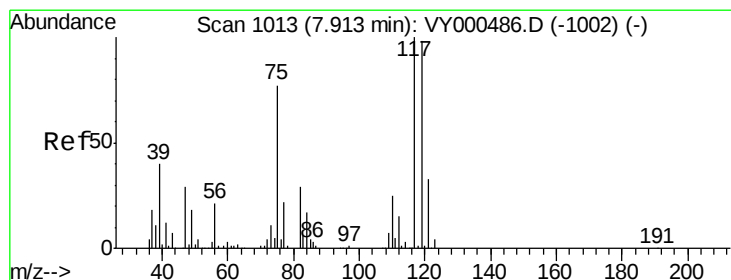
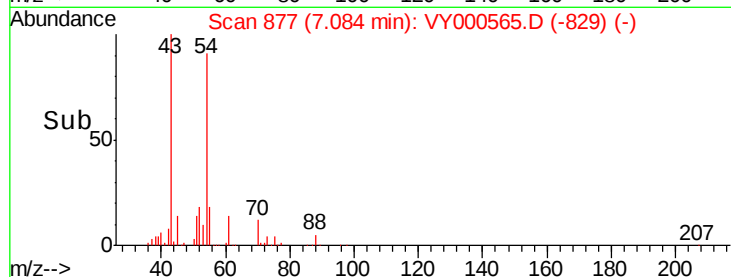
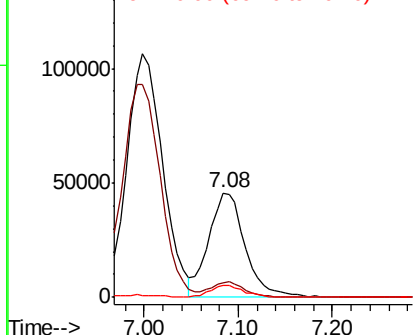
#37
Ethyl Acetate
Concen: 45.534 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 121584
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 10.8 7.8 11.8

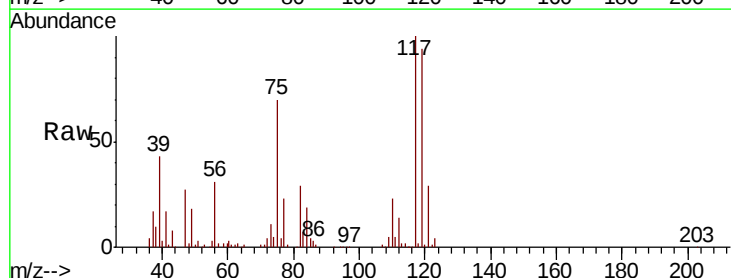


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

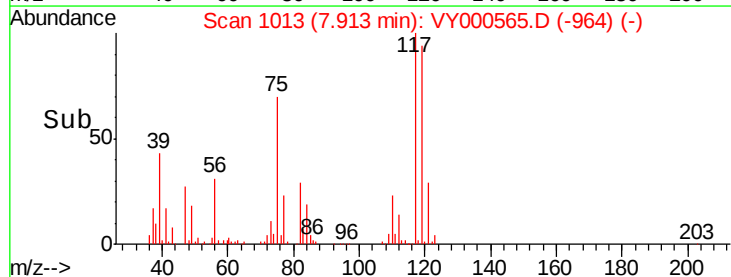
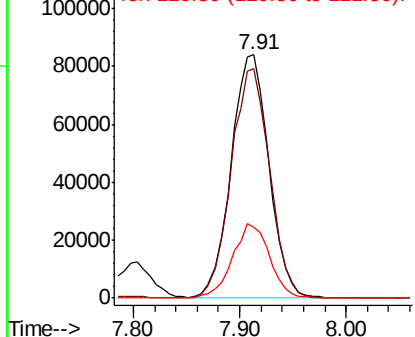


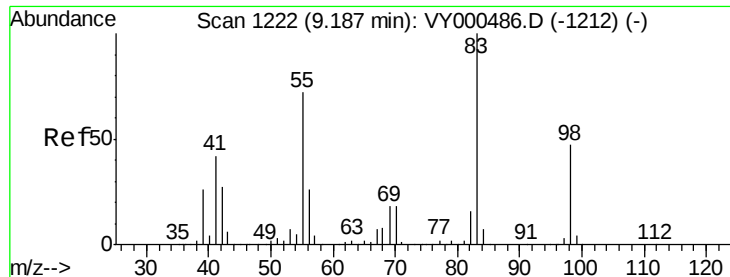
#38
Carbon Tetrachloride
Concen: 48.436 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 117 Resp: 209612
Ion Ratio Lower Upper
117 100
119 94.1 78.0 117.0
121 29.3 26.6 40.0



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

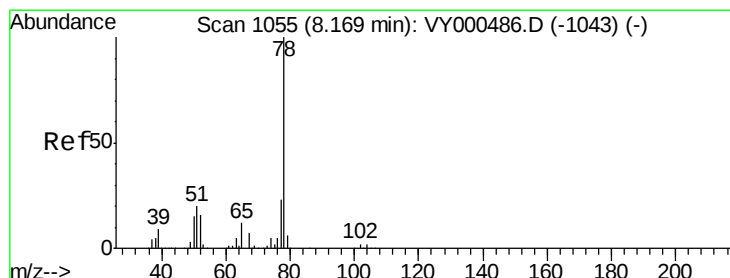
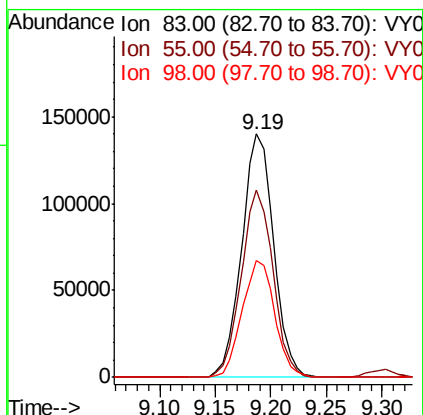
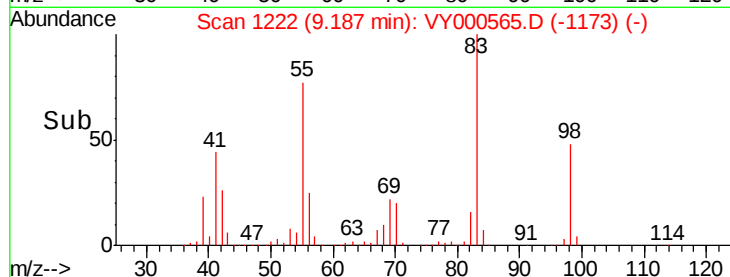
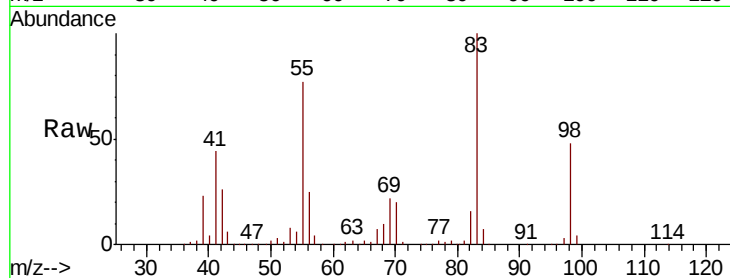




#39
Methvlcvclohexane
Concen: 48.267 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

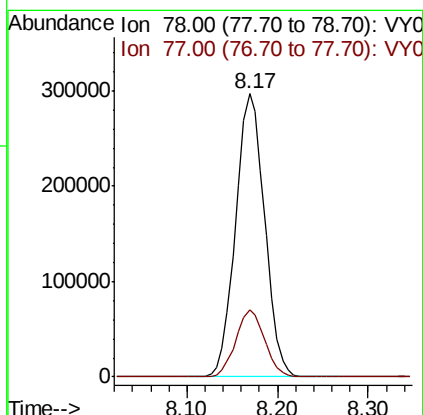
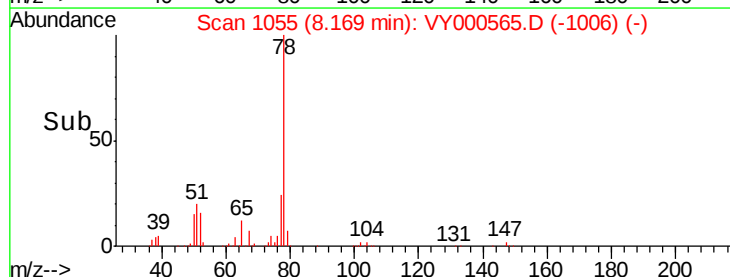
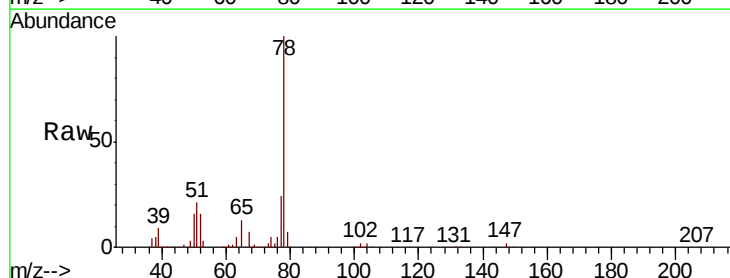
Instrument :
MSVOA_Y
ClientSampleId :

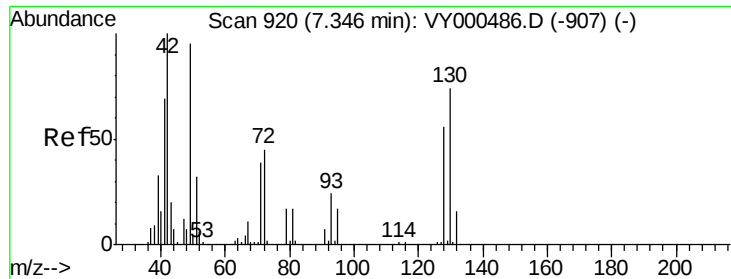
Tot Ion: 83 Resp: 280451
Ion Ratio Lower Upper
83 100
55 77.1 57.5 86.3
98 47.8 38.0 57.0



#40
Benzene
Concen: 49.935 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 78 Resp: 658434
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

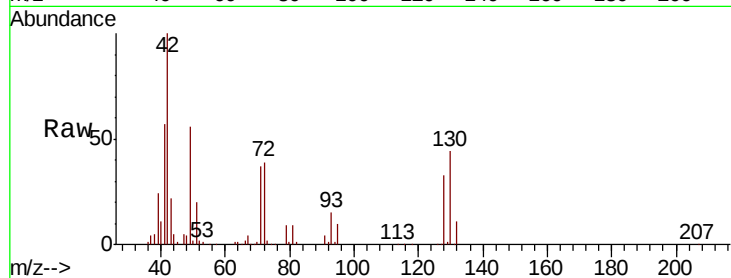




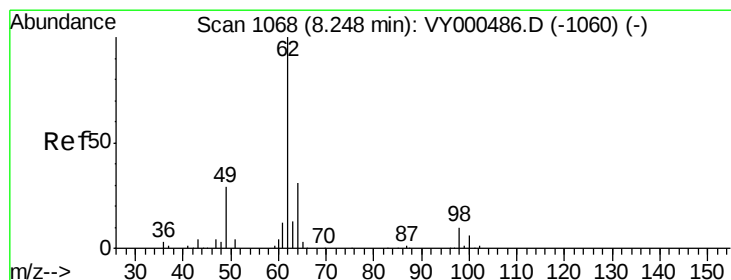
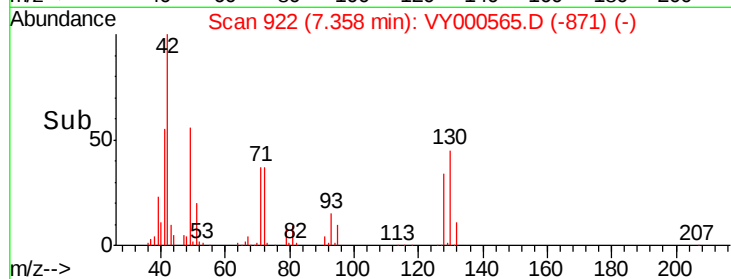
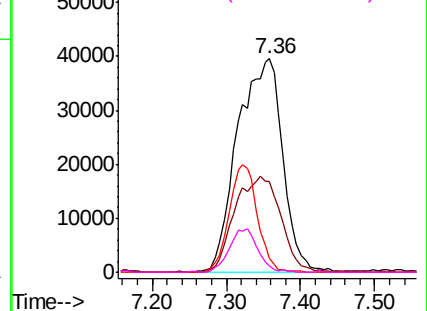
#41
Methacrylonitrile
Concen: 111.973 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 166795
Ion Ratio Lower Upper
41 100
39 46.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

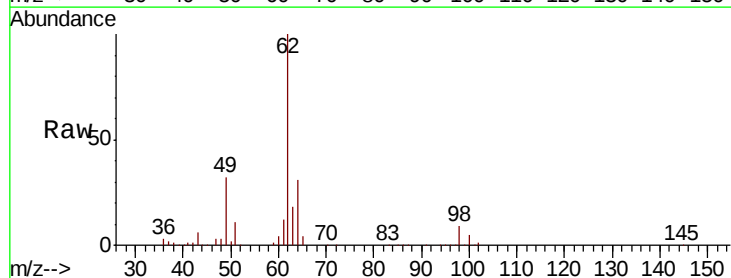


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

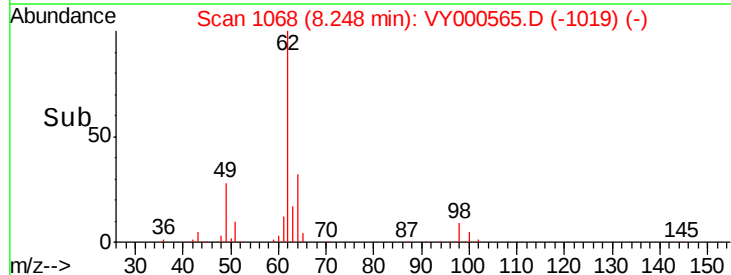
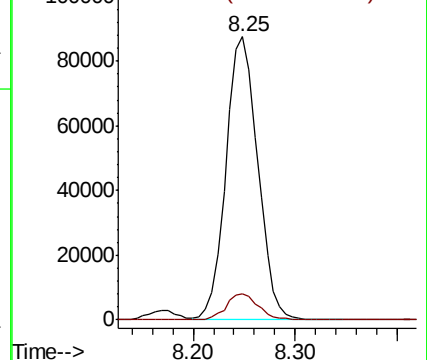


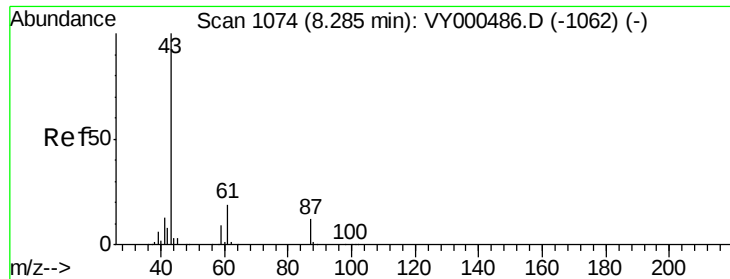
#42
1,2-Dichloroethane
Concen: 50.515 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 62 Resp: 188917
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 47.418 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

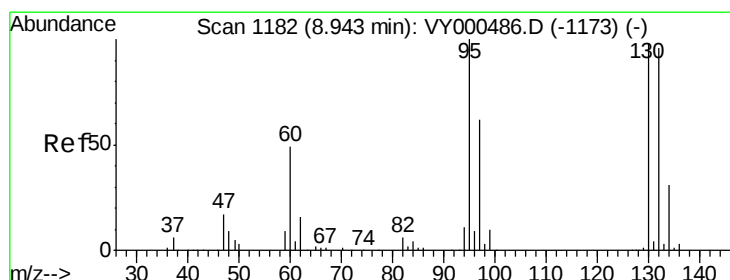
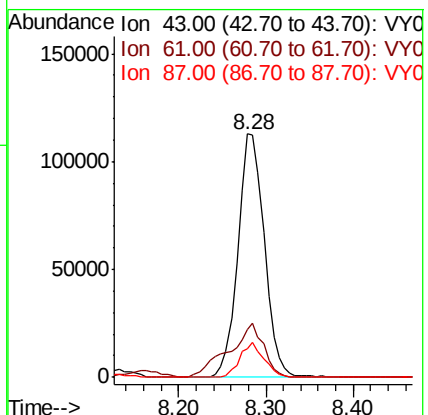
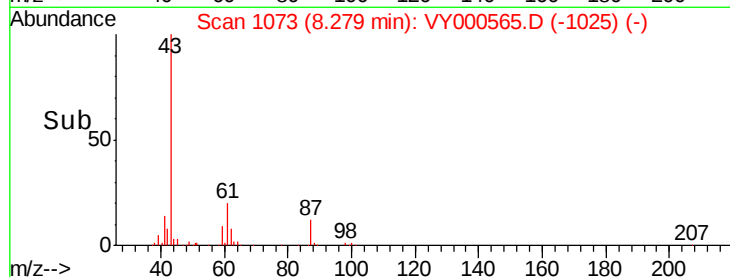
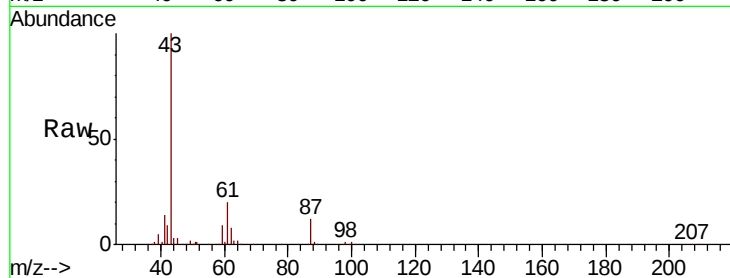
Tot Ion: 43 Resp: 237849

Ion Ratio Lower Upper

43 100

61 29.1 23.0 34.4

87 13.1 10.5 15.7



#44

Trichloroethene

Concen: 48.941 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000565.D

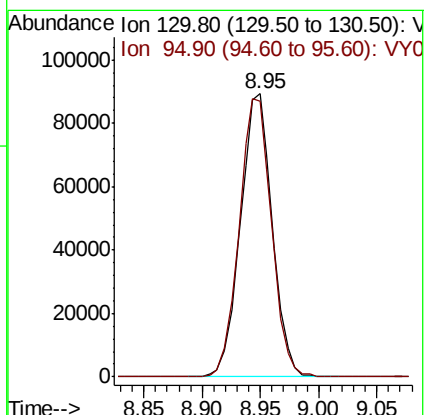
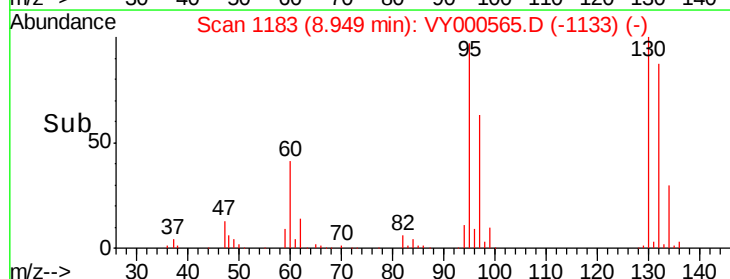
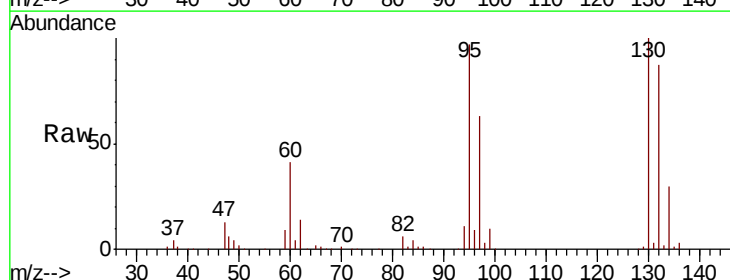
Acq: 06 Nov 2019 20:41

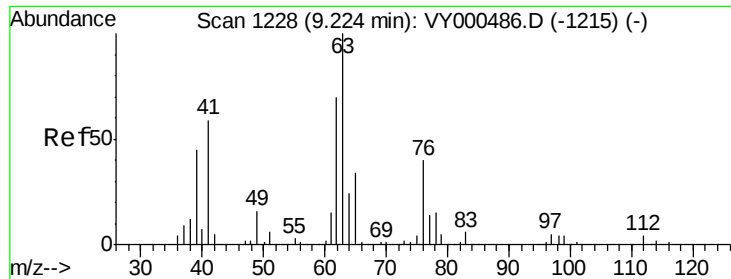
Tgt Ion: 130 Resp: 170147

Ion Ratio Lower Upper

130 100

95 97.4 0.0 203.2

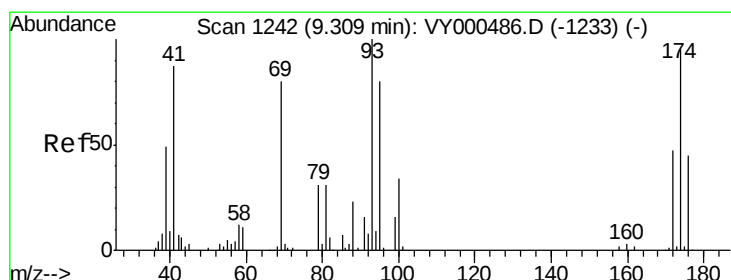
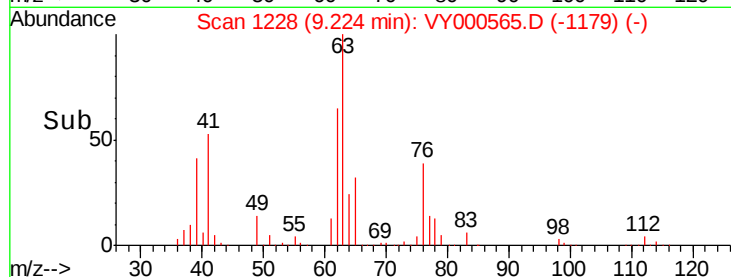
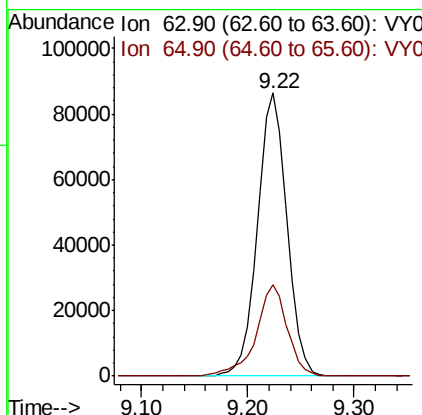
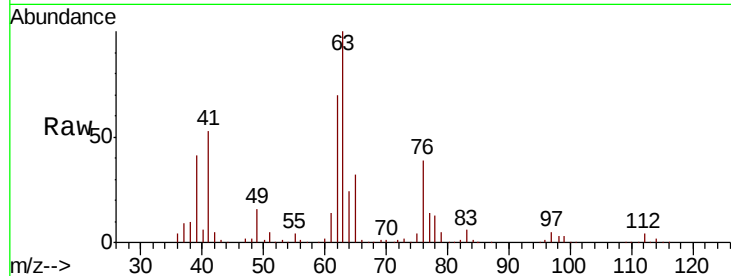




#45
 1,2-Dichloropropane
 Concen: 51.577 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

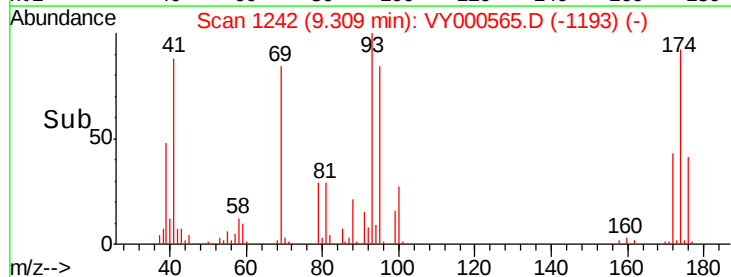
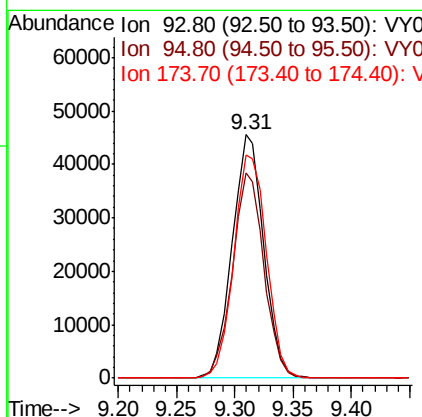
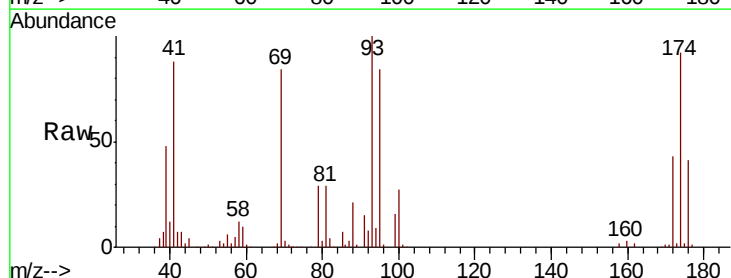
Instrument :
 MSVOA_Y
 ClientSampled :

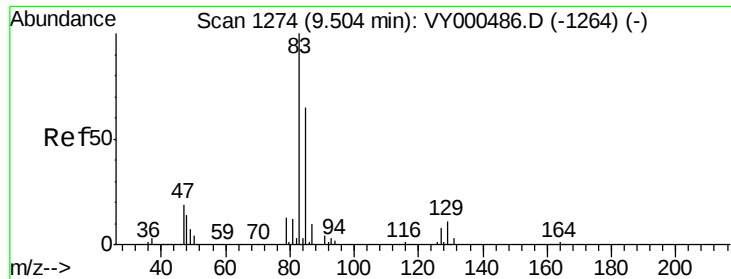
Tot Ion: 63 Resp: 167381
 Ion Ratio Lower Upper
 63 100
 65 32.5 27.0 40.4



#46
 Dibromomethane
 Concen: 47.978 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 93 Resp: 85630
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.4 99.6
 174 95.0 77.1 115.7

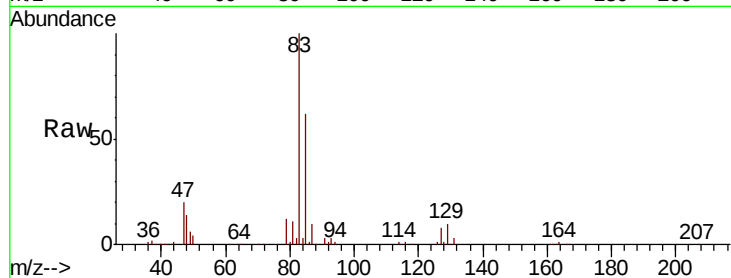




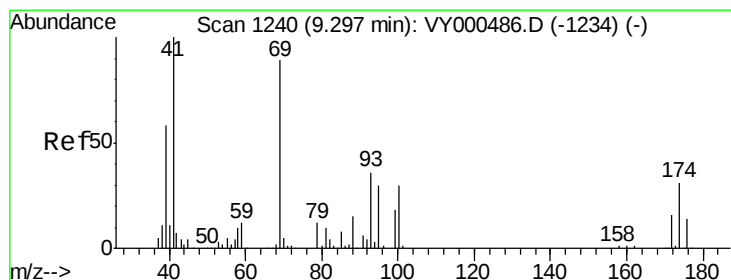
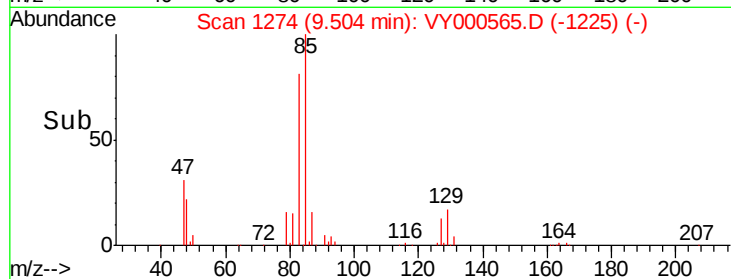
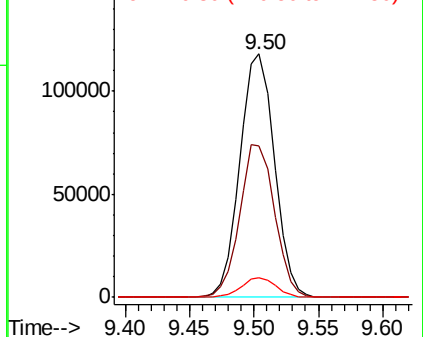
#47
Bromodichloromethane
Concen: 51.777 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 219270
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.8
127 8.3 6.7 10.1

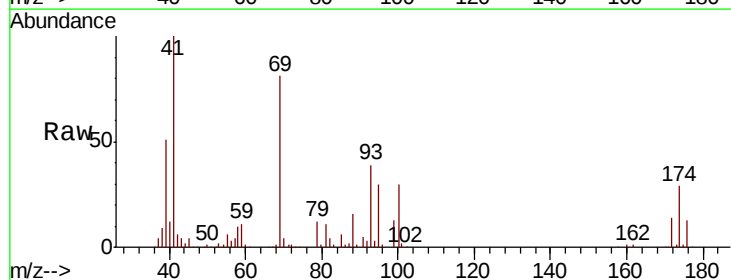


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

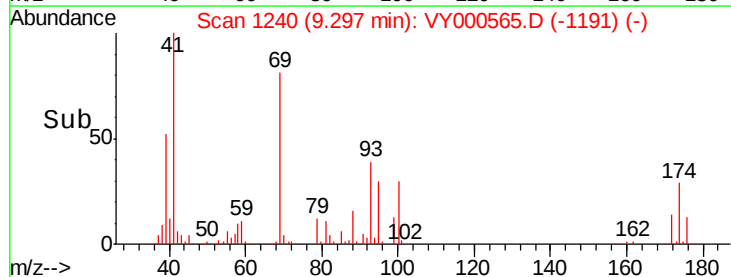
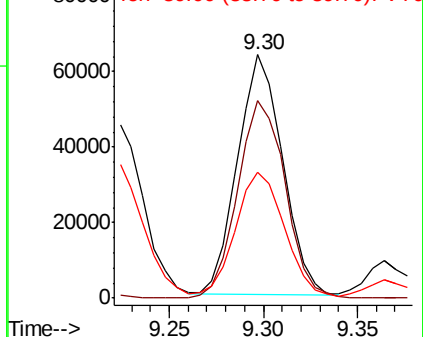


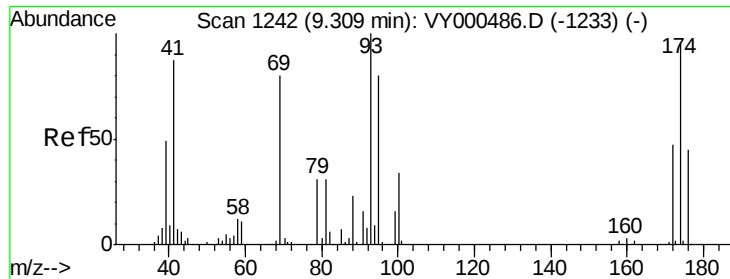
#48
Methyl methacrylate
Concen: 48.275 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 41 Resp: 105799
Ion Ratio Lower Upper
41 100
69 86.9 72.5 108.7
39 57.5 47.8 71.8



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

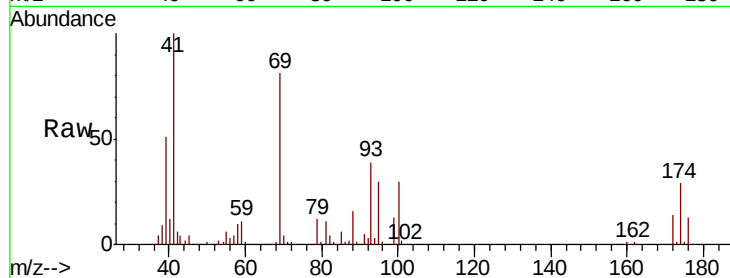




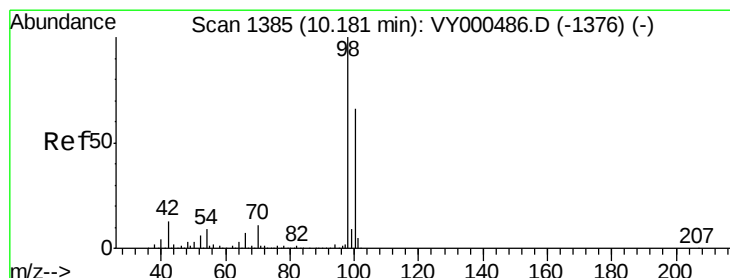
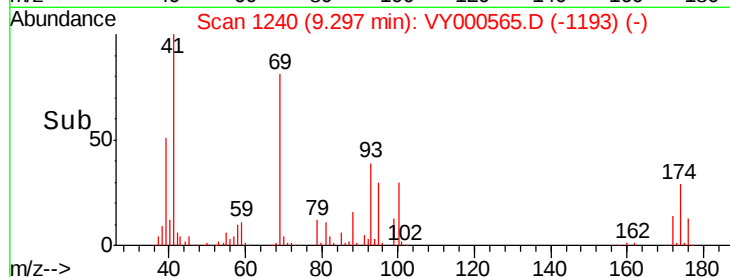
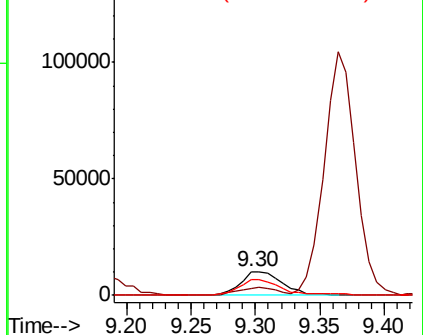
#49
 1,4-Dioxane
 Concen: 960.941 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 88 Resp: 23082
 Ion Ratio Lower Upper
 88 100
 43 30.6 25.1 37.7
 58 67.7 50.6 75.8

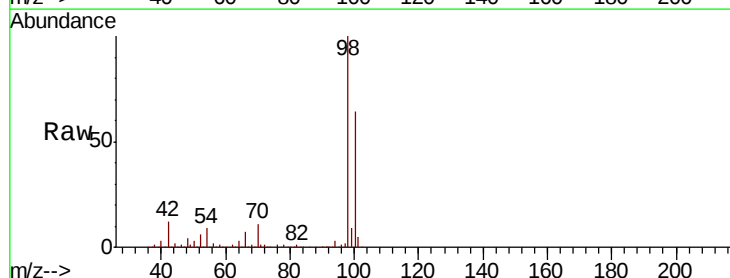


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

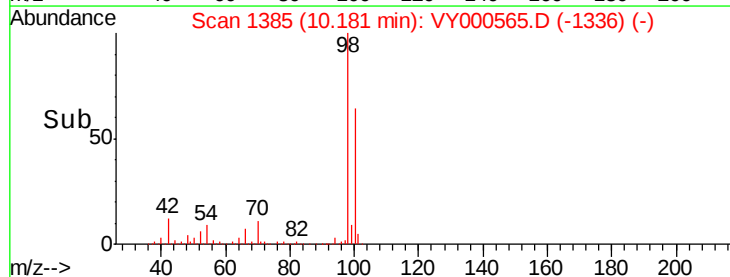
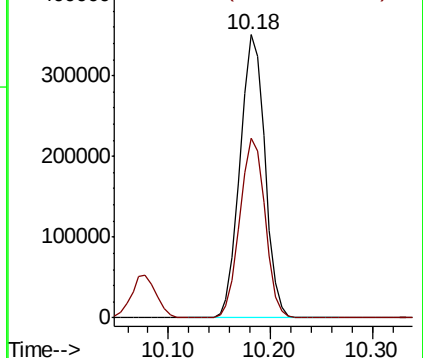


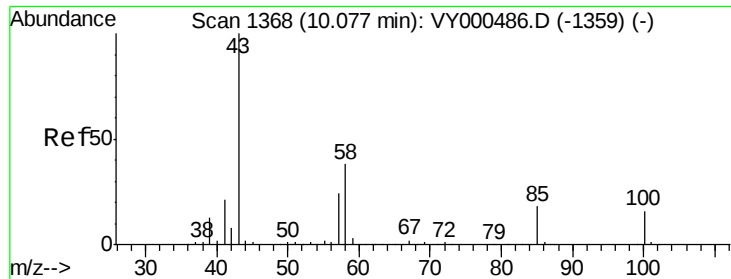
#50
 Toluene-d8
 Concen: 55.830 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 98 Resp: 591673
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.9 79.3



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: 234.215 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

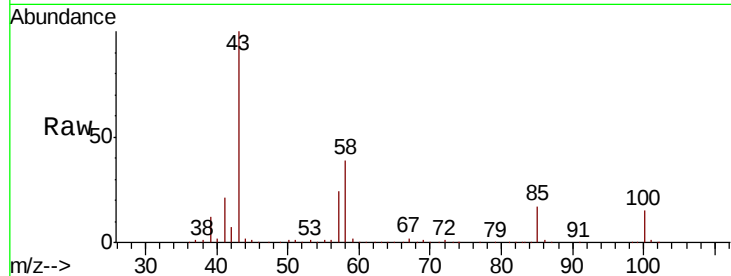
ClientSampled :

Tot Ion: 43 Resp: 624620

Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.08

400000

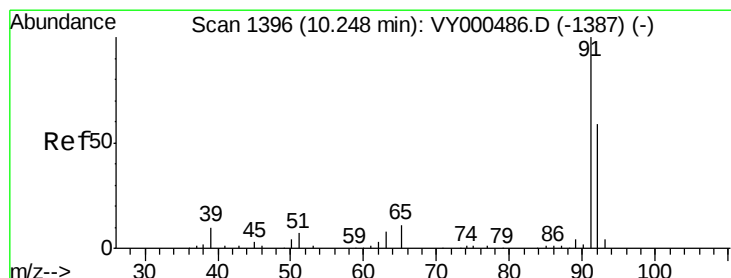
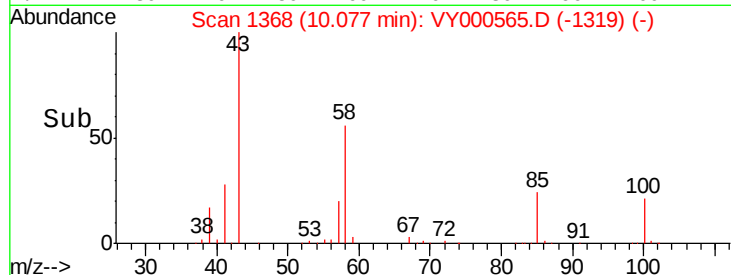
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.214 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000565.D

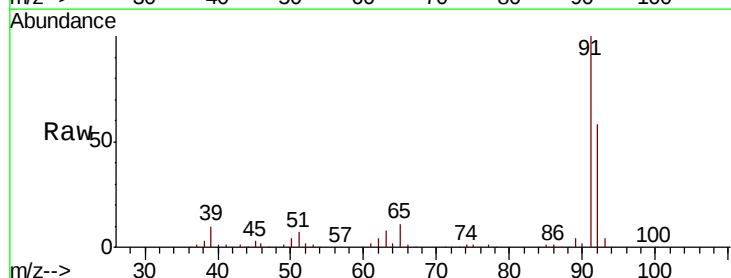
Acq: 06 Nov 2019 20:41

Tgt Ion: 92 Resp: 418604

Ion Ratio Lower Upper

92 100

91 171.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

500000

400000

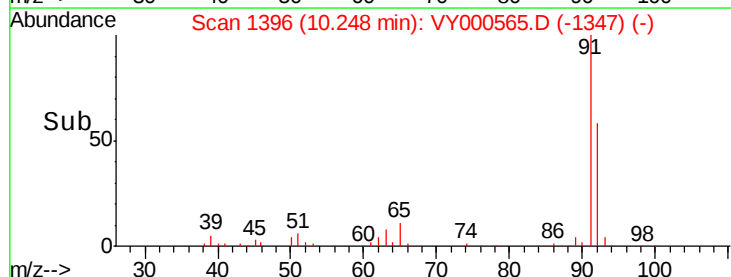
300000

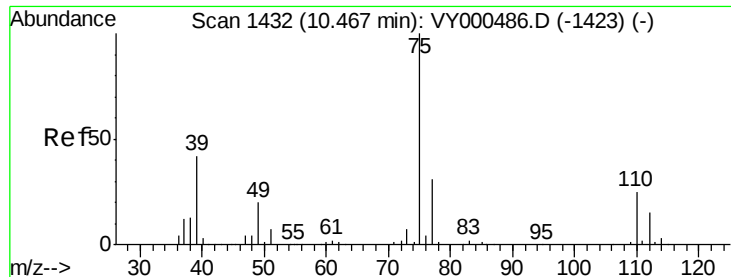
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.215 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

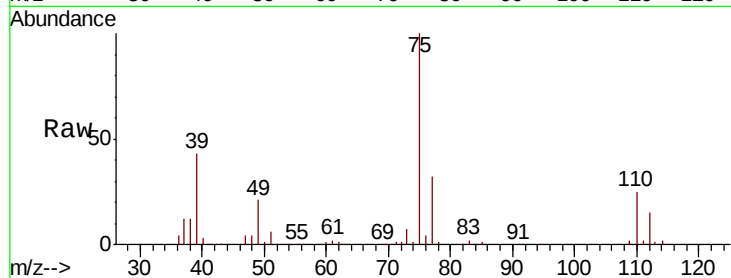
ClientSampleId :

Tot Ion: 75 Resp: 231745

Ion Ratio Lower Upper

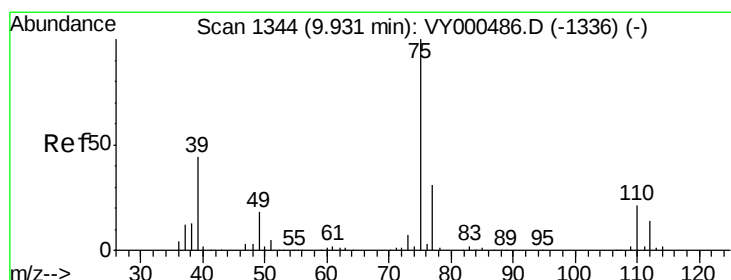
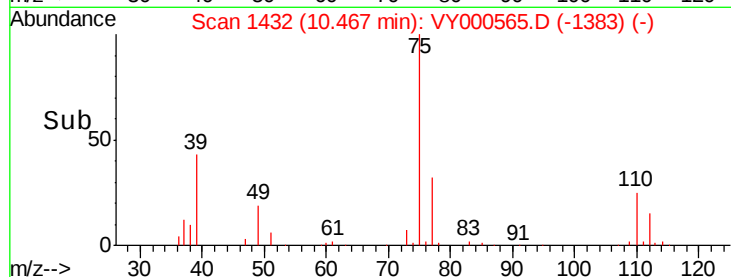
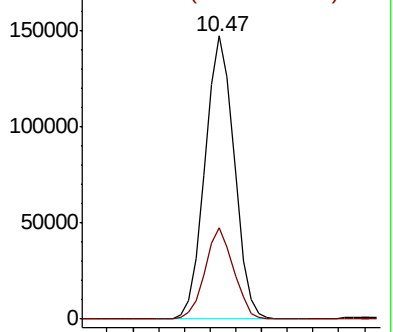
75 100

77 32.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 51.336 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

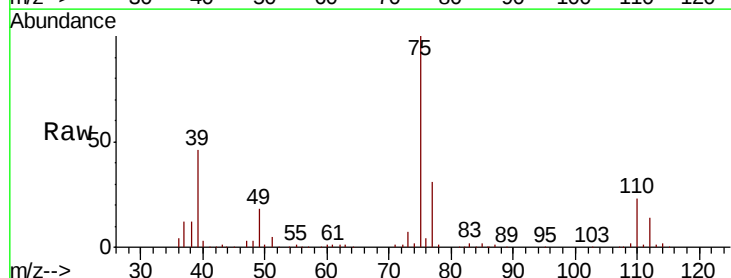
Tgt Ion: 75 Resp: 266114

Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7

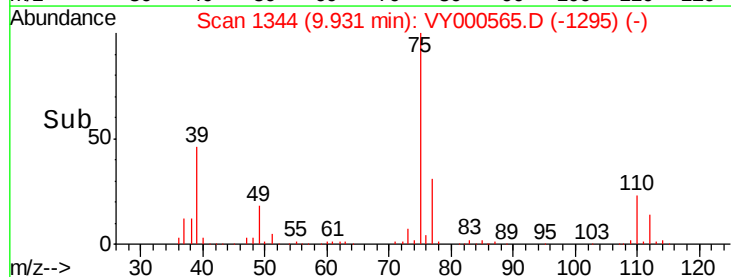
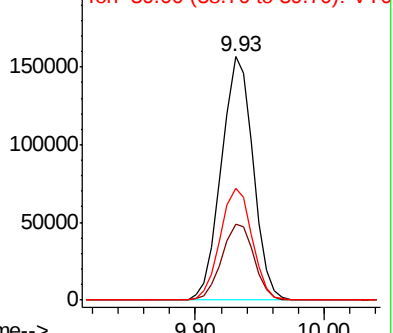
39 46.0 35.4 53.2

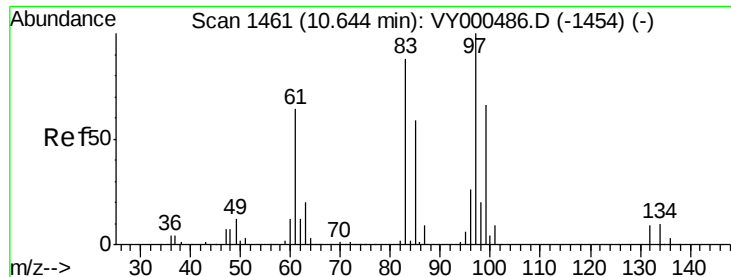


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

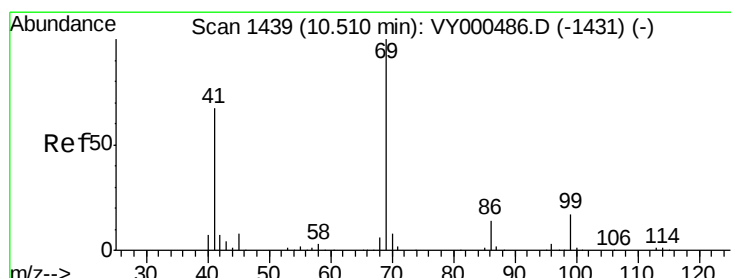
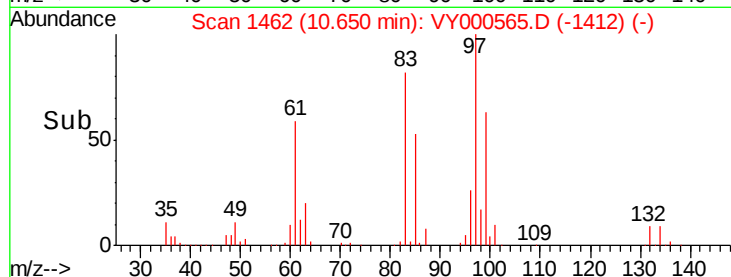
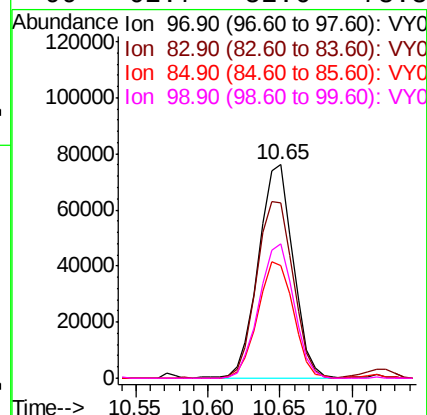
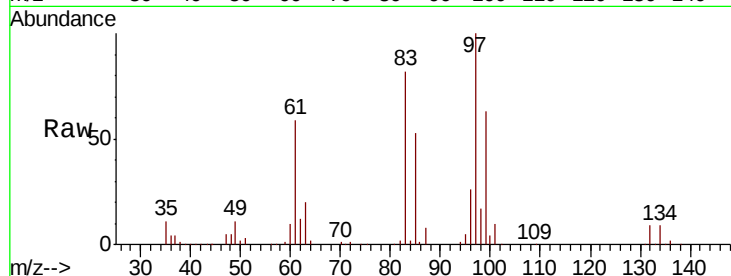




#55
1,1,2-Trichloroethane
Concen: 49.226 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

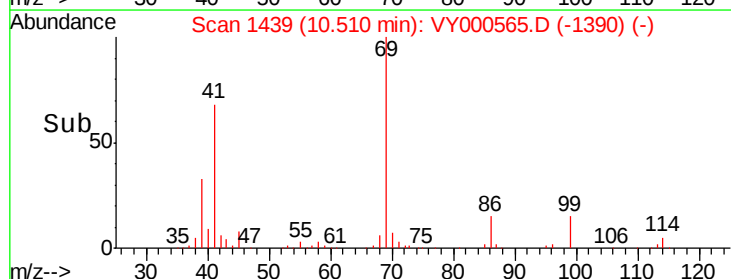
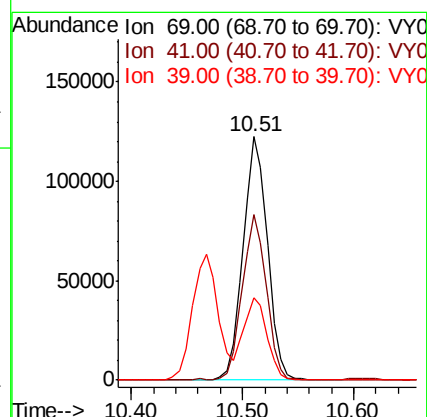
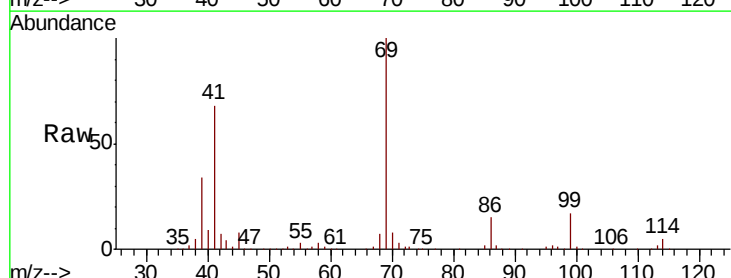
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 97 Resp: 127073
Ion Ratio Lower Upper
97 100
83 81.9 70.2 105.4
85 52.6 46.9 70.3
99 62.7 52.6 78.8



#56
Ethyl methacrylate
Concen: 50.755 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 69 Resp: 185700
Ion Ratio Lower Upper
69 100
41 66.7 53.3 79.9
39 32.4 28.0 42.0





#57

1,3-Dichloropropane

Concen: 50.591 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

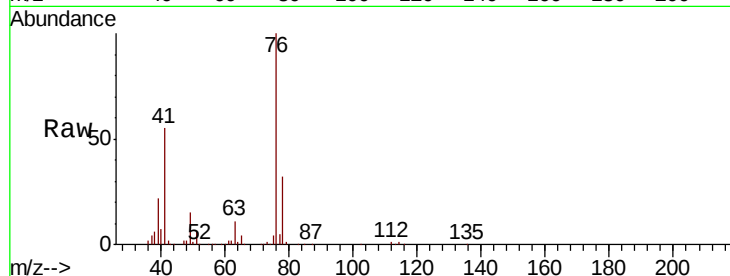
ClientSampleId :

Tot Ion: 76 Resp: 228575

Ion Ratio Lower Upper

76 100

78 31.9 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

150000

100000

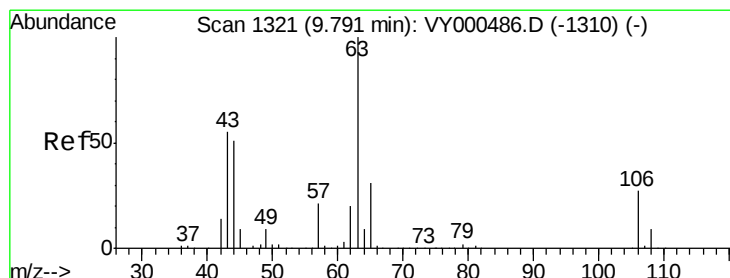
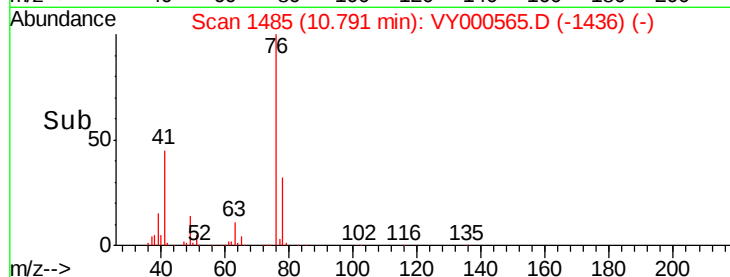
50000

0

Time-->

10.70

10.80



#58

2-Chloroethyl Vinyl ether

Concen: 248.575 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000565.D

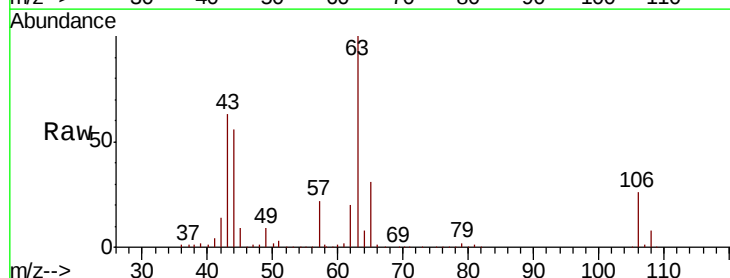
Acq: 06 Nov 2019 20:41

Tgt Ion: 63 Resp: 411165

Ion Ratio Lower Upper

63 100

106 26.7 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

250000

200000

150000

100000

50000

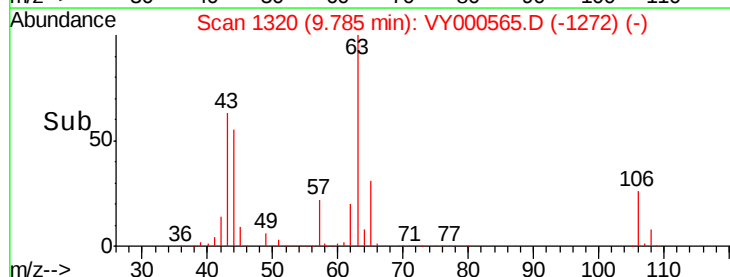
0

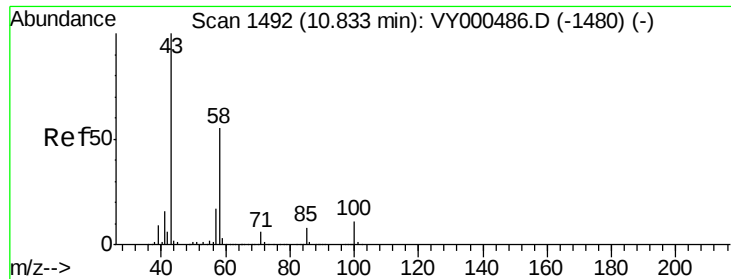
Time-->

9.70

9.80

9.90

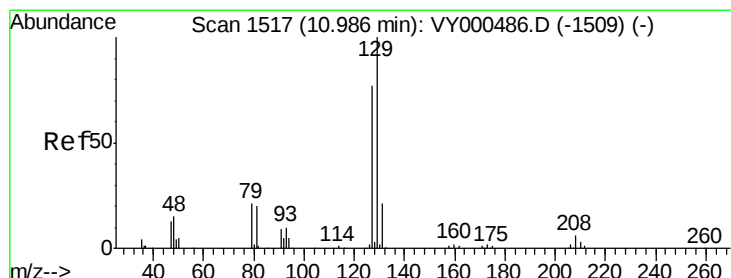
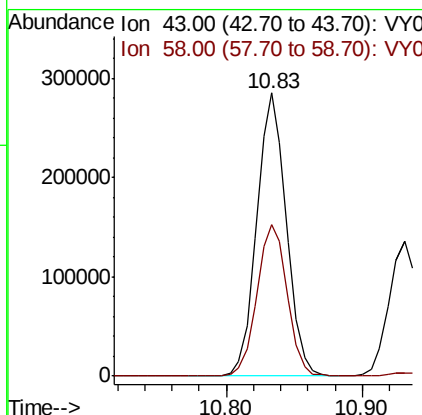
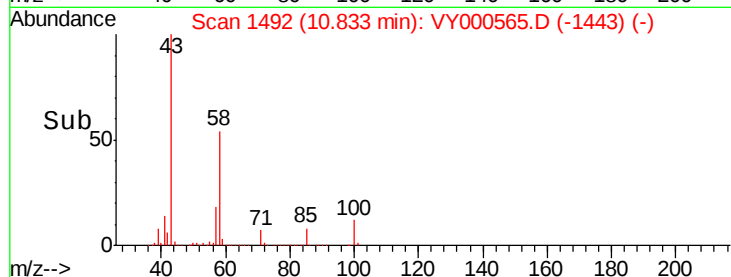
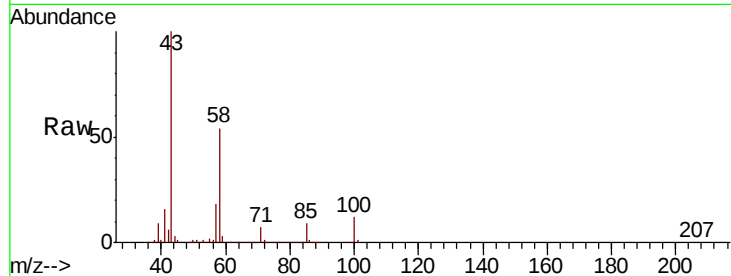




#59
2-Hexanone
Concen: 223.761 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

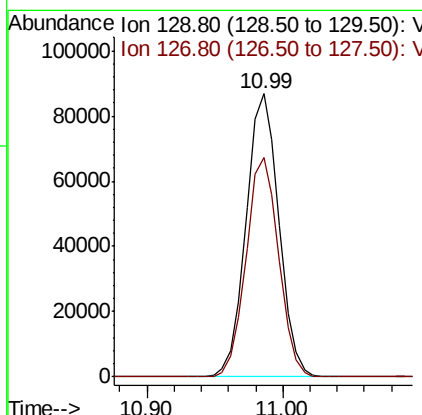
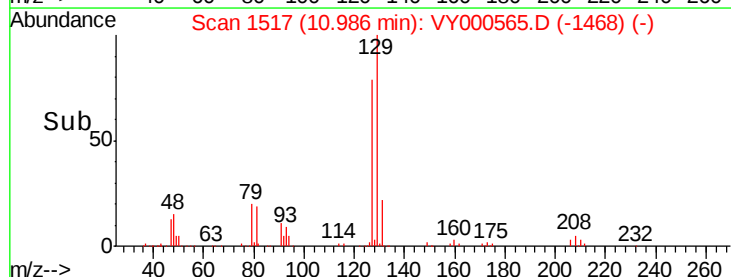
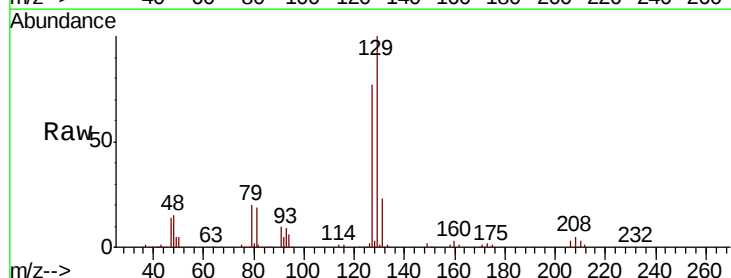
Instrument :
MSVOA_Y
ClientSampleId :

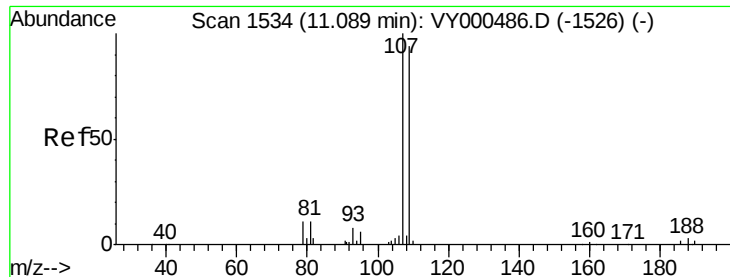
Tot Ion: 43 Resp: 434783
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 49.543 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 129 Resp: 146491
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2

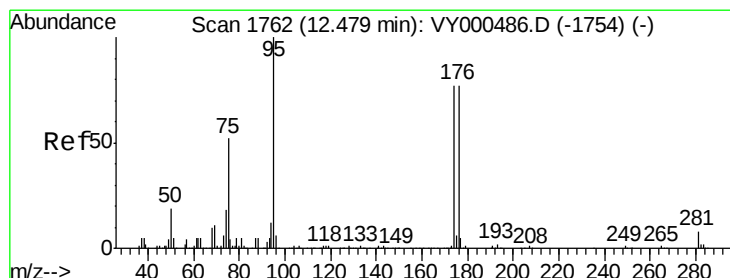
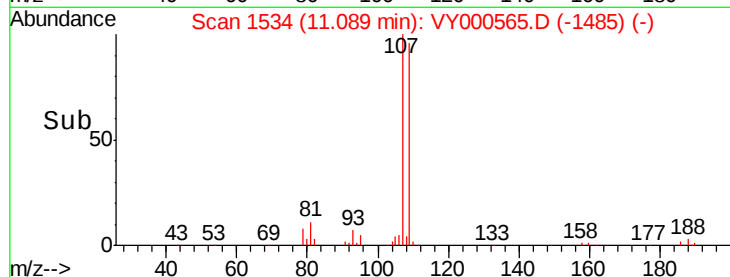
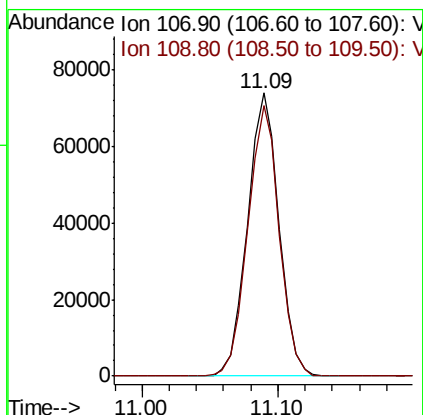
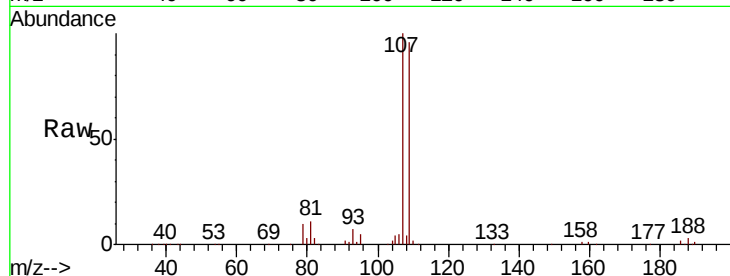




#61
 1,2-Dibromoethane
 Concen: 48.230 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

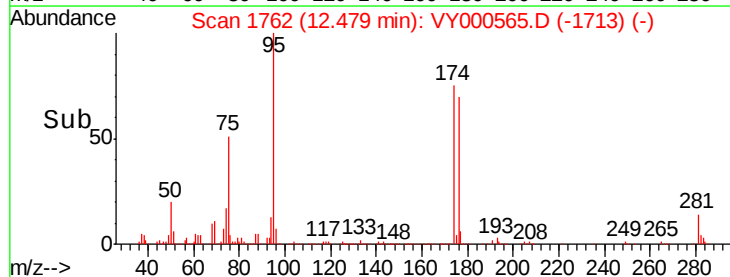
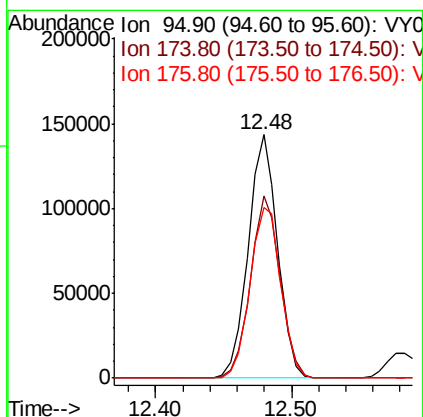
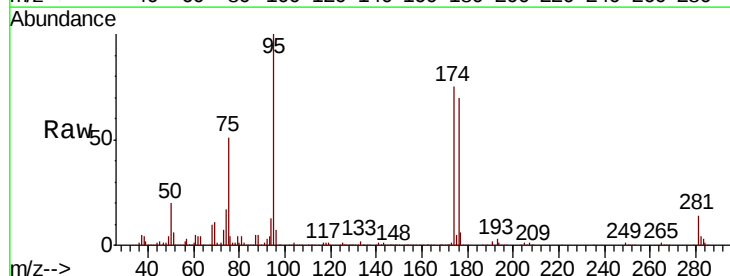
Instrument :
 MSVOA_Y
 ClientSampleId :

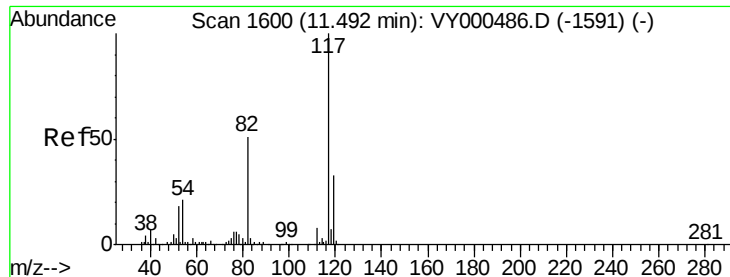
Tot Ion: 107 Resp: 119708
 Ion Ratio Lower Upper
 107 100
 109 95.4 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 53.693 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 95 Resp: 216625
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 161.6
 176 74.0 0.0 157.8

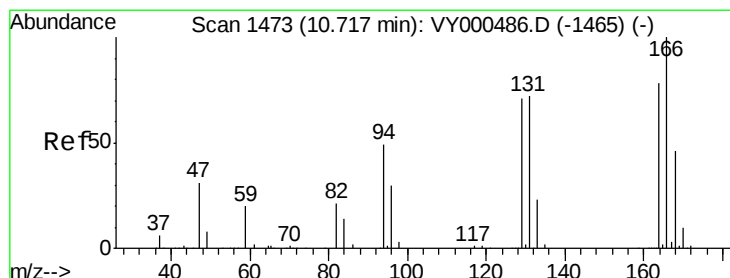
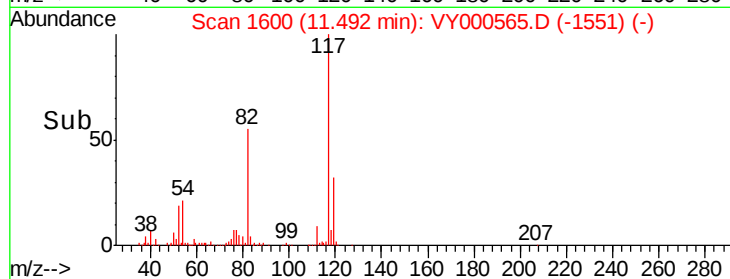
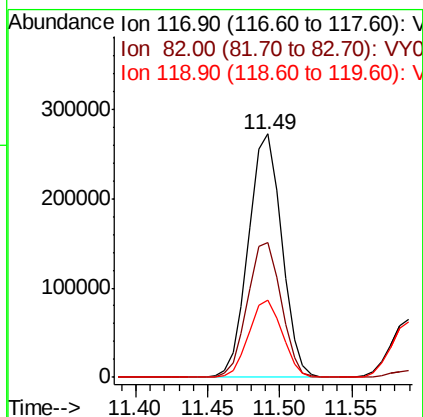
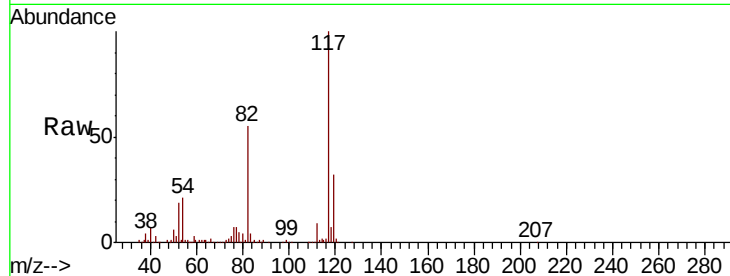




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

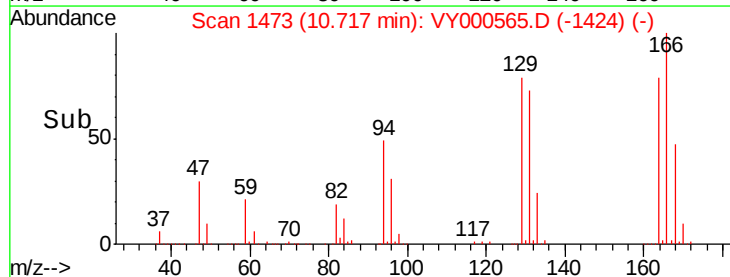
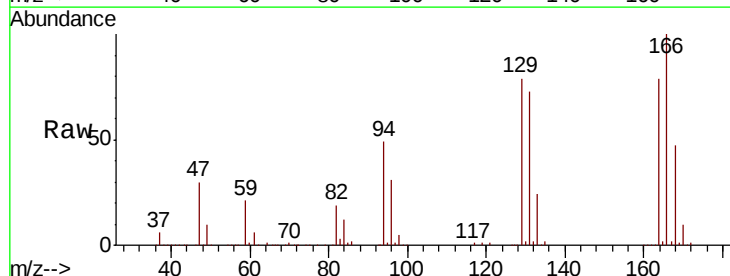
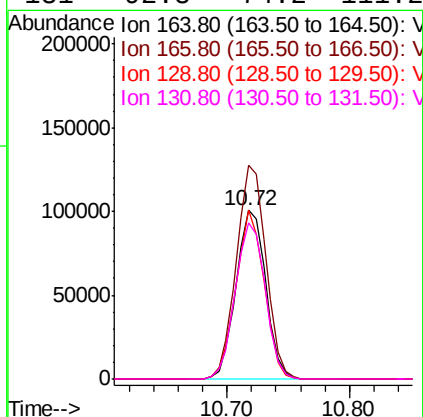
Instrument :
MSVOA_Y
ClientSampleId :

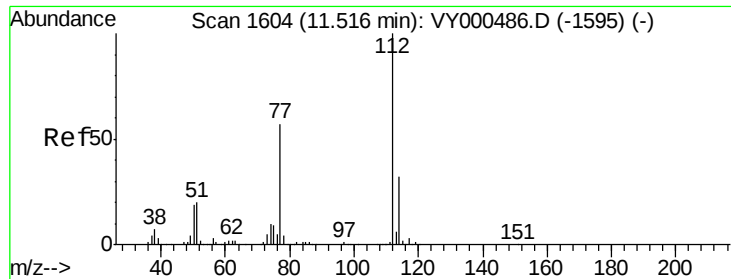
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	40.8	61.2
119	32.0	26.2	39.2



#64
Tetrachloroethene
Concen: 46.801 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.7	154.1
129	100.0	73.2	109.8
131	92.8	74.2	111.2

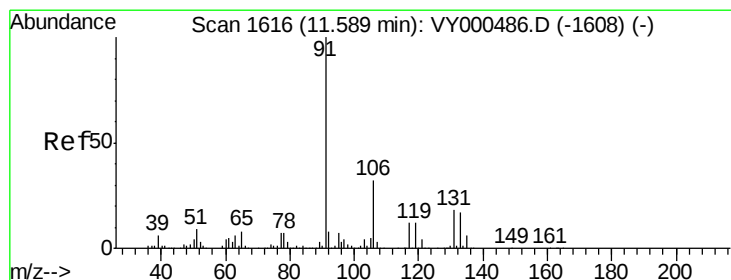
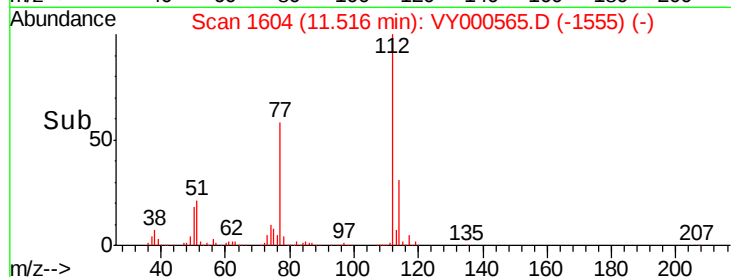
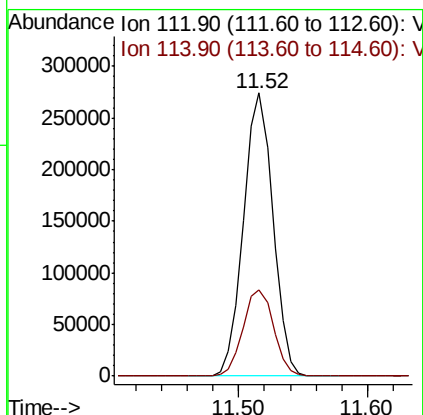
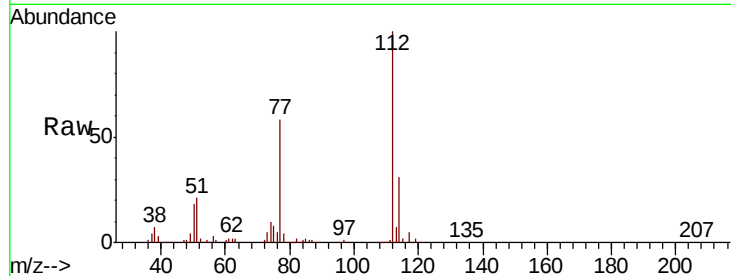




#65
Chlorobenzene
Concen: 49.079 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

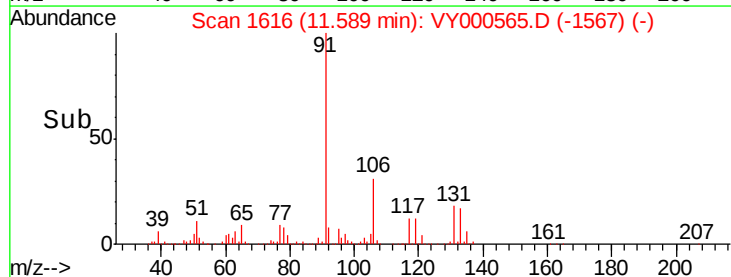
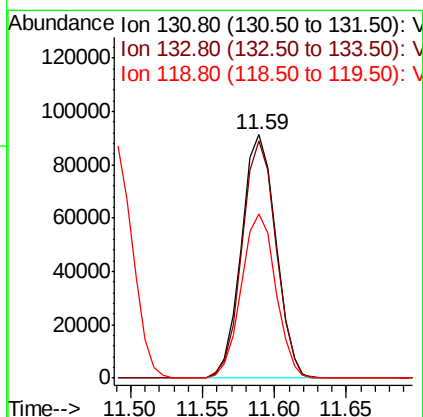
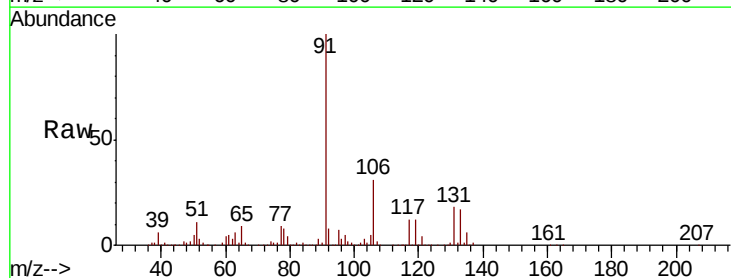
Instrument :
MSVOA_Y
ClientSampleId :

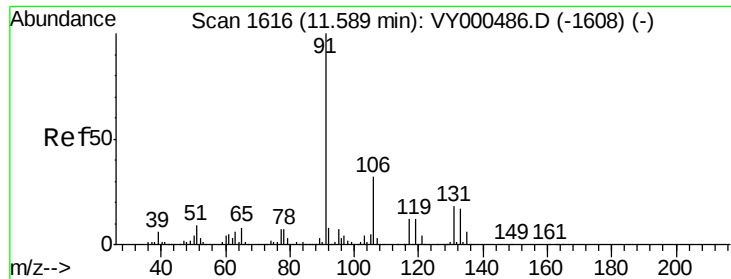
Tot Ion:112 Resp: 433369
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.368 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion:131 Resp: 151184
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 67.5 33.1 99.3

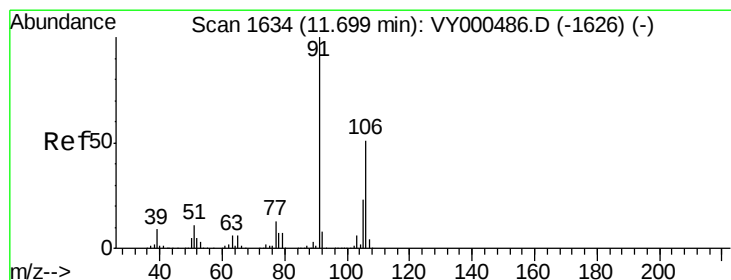
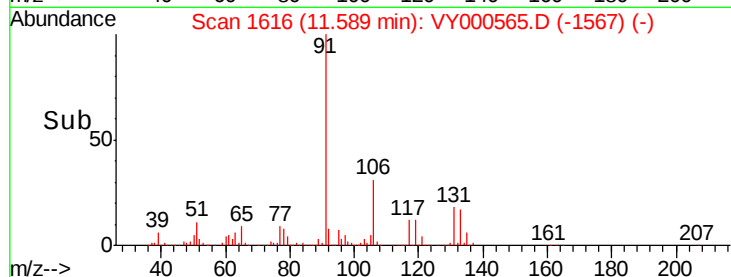
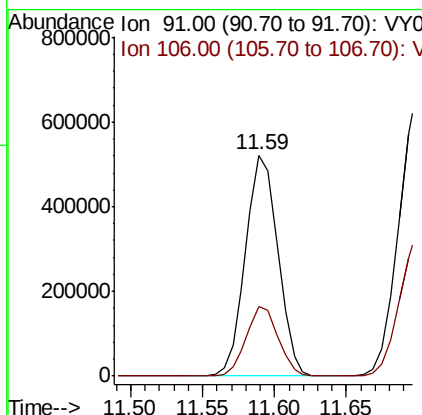
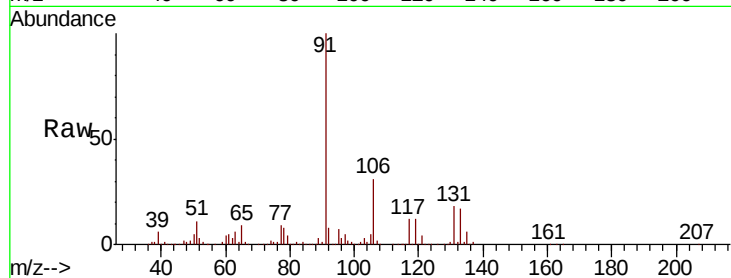




#67
Ethyl Benzene
Concen: 49.982 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

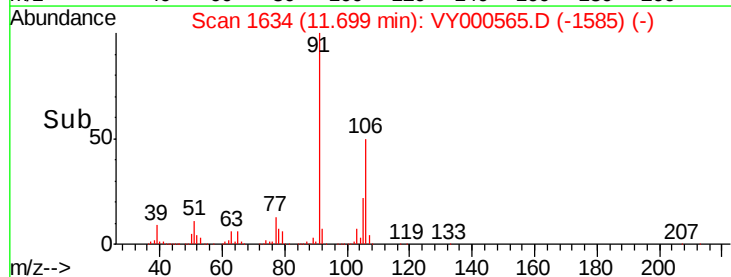
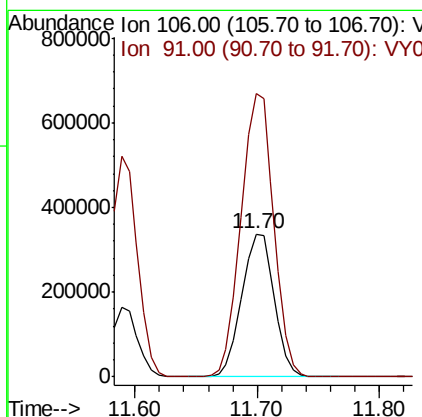
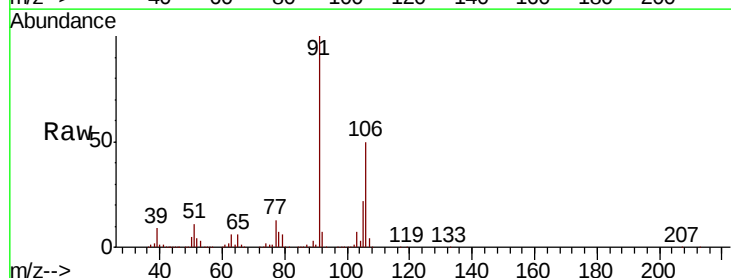
Instrument :
MSVOA_Y
ClientSampled :

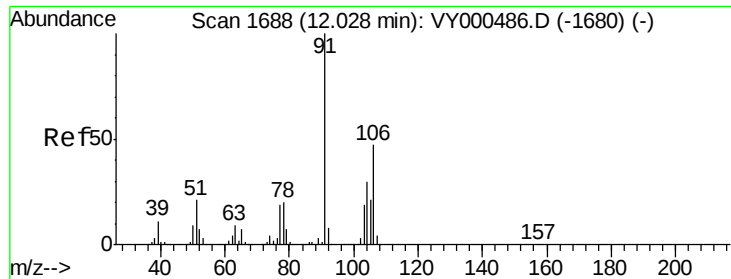
Tot Ion: 91 Resp: 812252
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 98.717 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 106 Resp: 620908
Ion Ratio Lower Upper
106 100
91 199.6 155.9 233.9

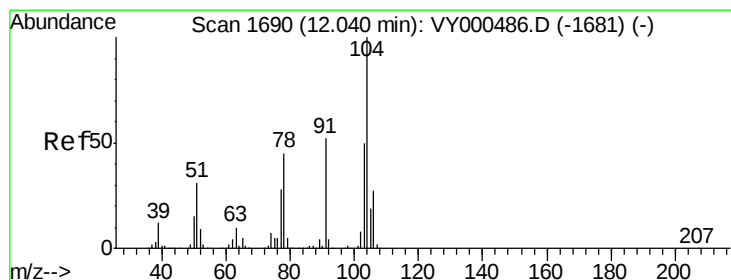
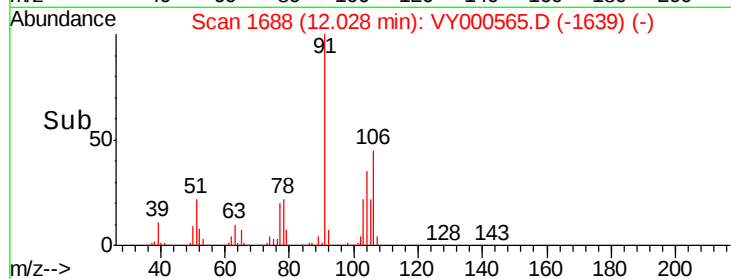
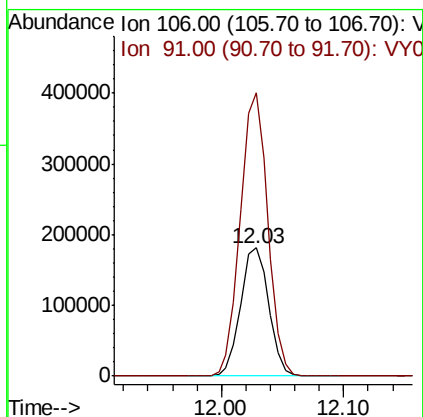
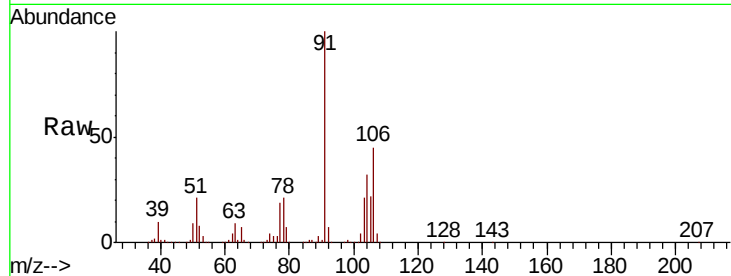




#69
o-Xylene
Concen: 48.903 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

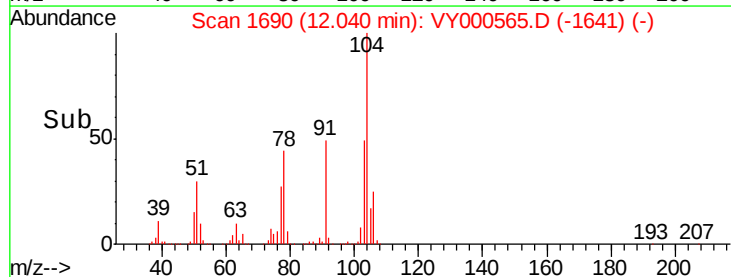
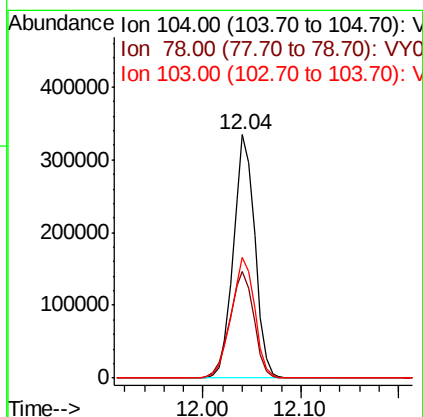
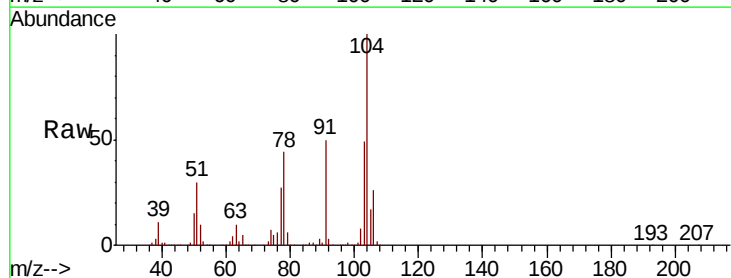
Instrument :
MSVOA_Y
ClientSampleId :

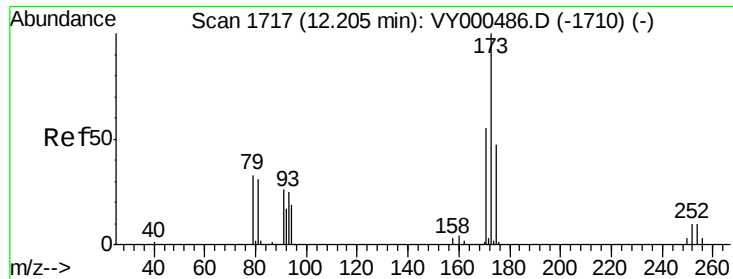
Tot Ion:106 Resp: 289081
Ion Ratio Lower Upper
106 100
91 215.7 106.5 319.6



#70
Styrene
Concen: 50.228 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion:104 Resp: 508428
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.4
103 54.3 42.5 63.7





#71

Bromoform

Concen: 47.303 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

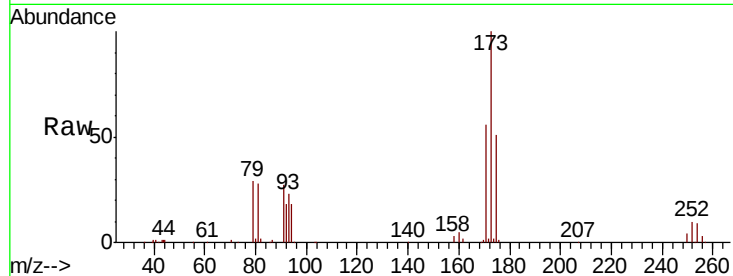
Tot Ion:173 Resp: 83318

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.2

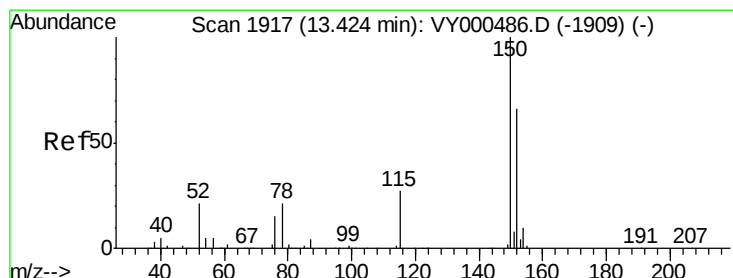
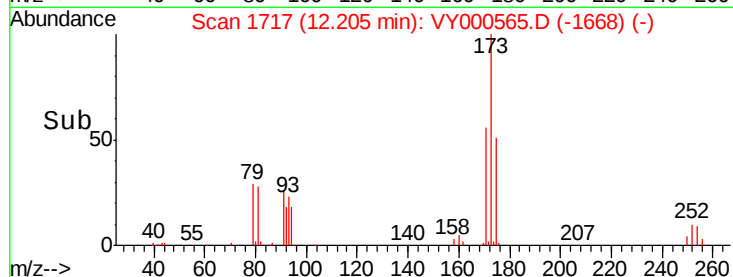
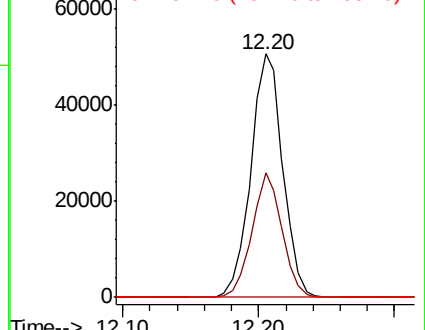
254 0.0 0.1 0.1#



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: VY000565.D

Acq: 06 Nov 2019 20:41

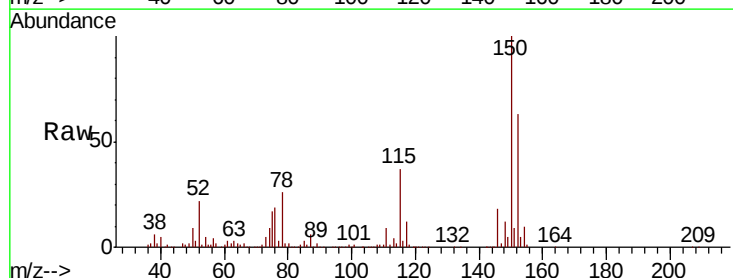
Tgt Ion:152 Resp: 209740

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.4

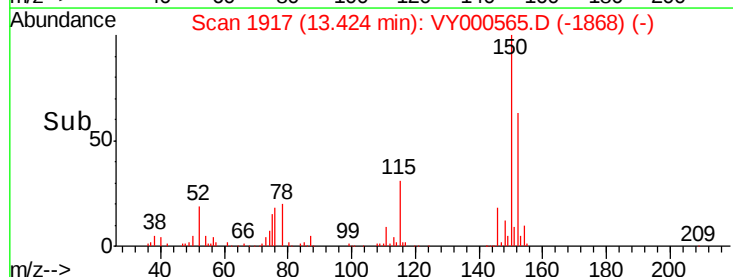
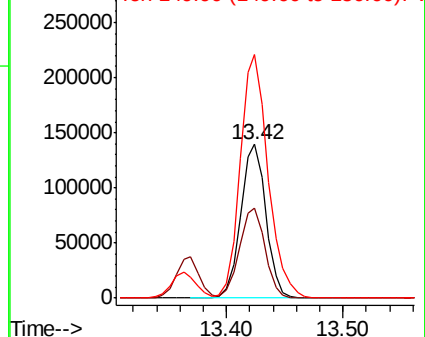
150 174.7 0.0 348.8

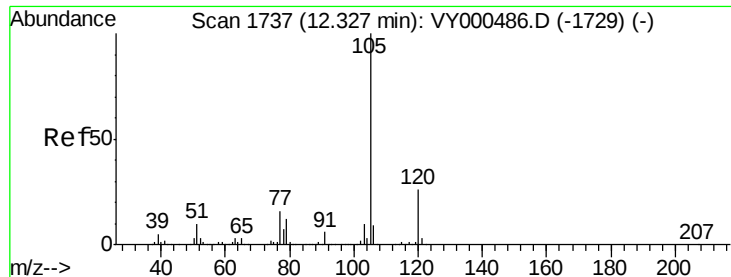


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.144 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

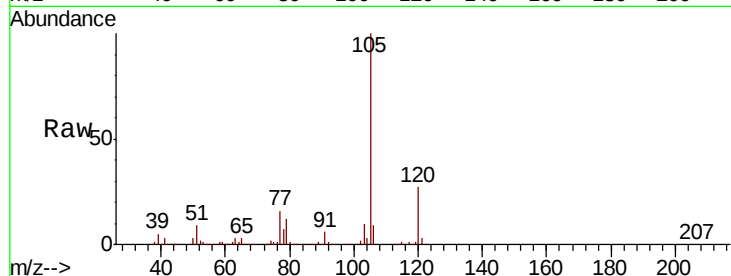
ClientSampled :

Tot Ion:105 Resp: 792804

Ion Ratio Lower Upper

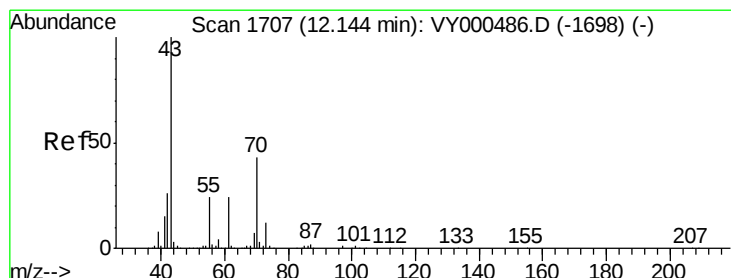
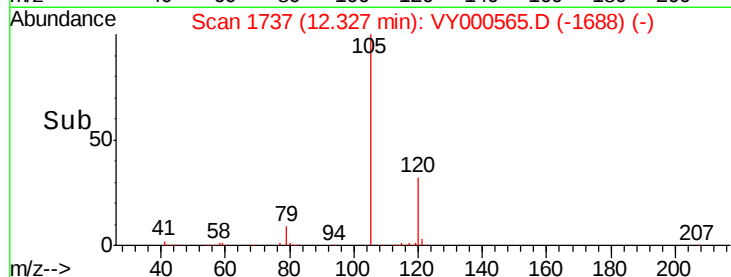
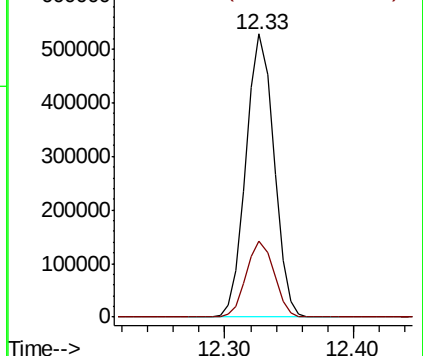
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.157 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion: 43 Resp: 222675

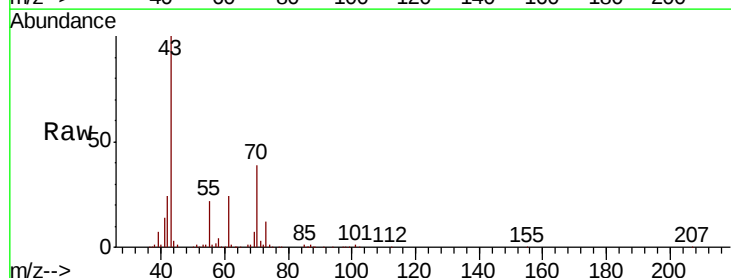
Ion Ratio Lower Upper

43 100

70 42.7 33.1 49.7

55 22.5 18.0 27.0

61 24.5 19.1 28.7

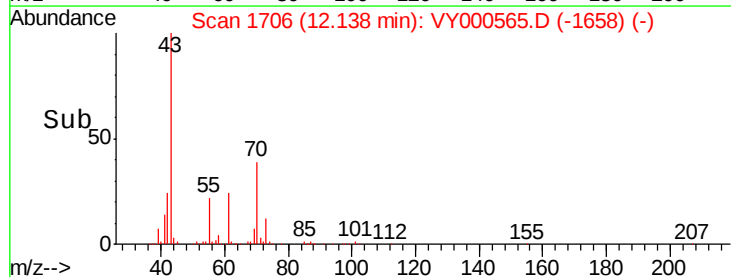
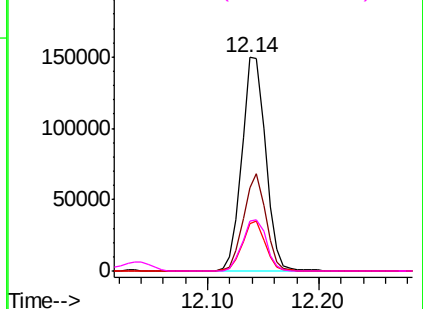


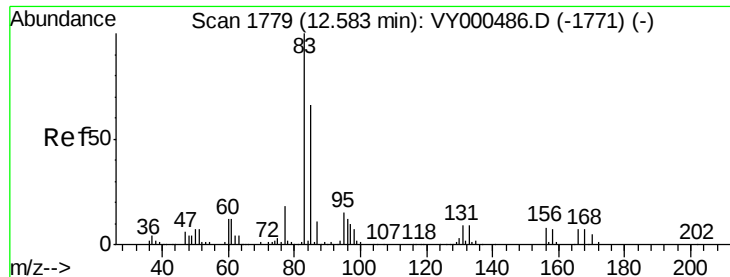
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 47.784 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

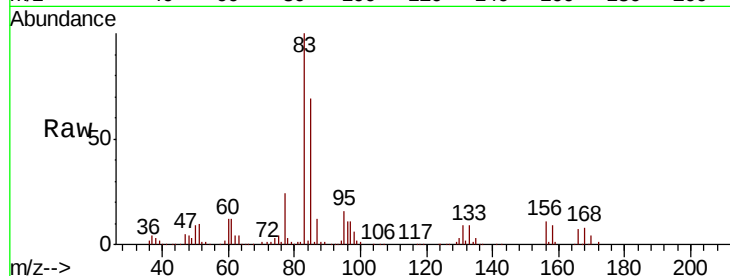
Tot Ion: 83 Resp: 146664

Ion Ratio Lower Upper

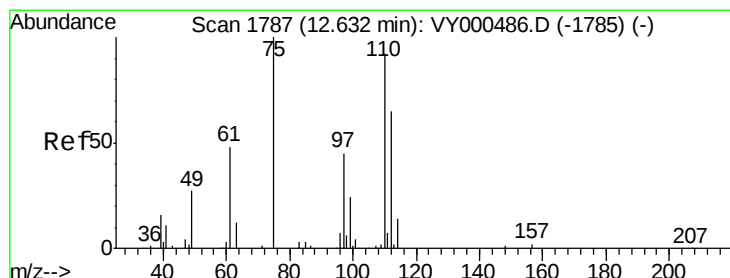
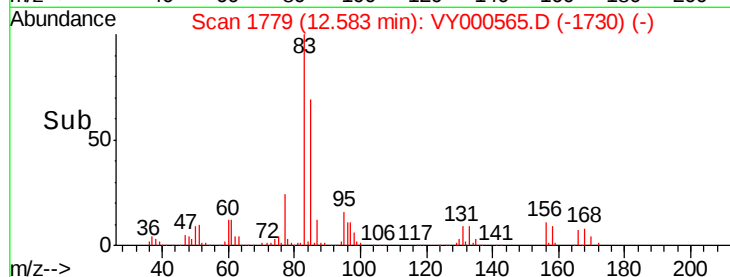
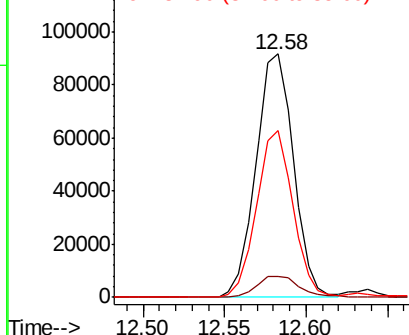
83 100

131 9.9 5.0 14.9

85 66.2 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 86.396 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000565.D

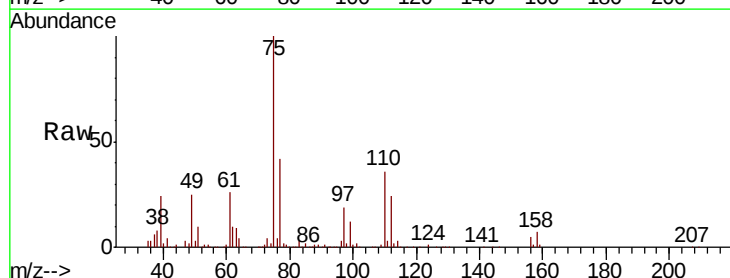
Acq: 06 Nov 2019 20:41

Tgt Ion: 75 Resp: 206328

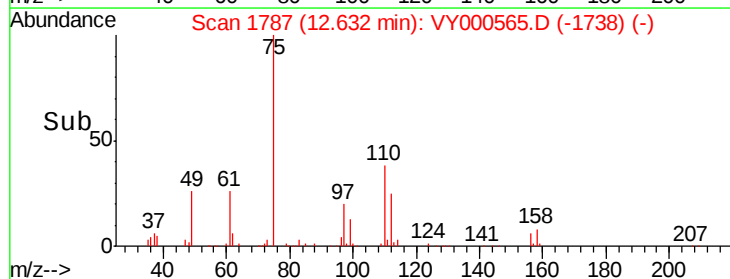
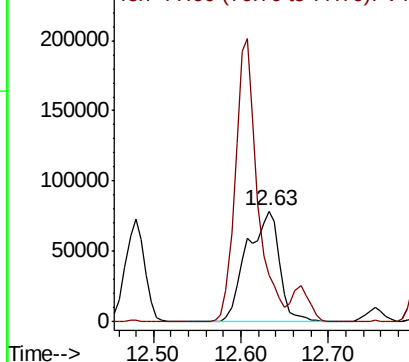
Ion Ratio Lower Upper

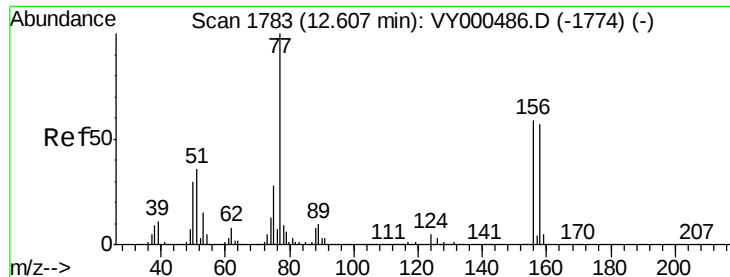
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.710 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

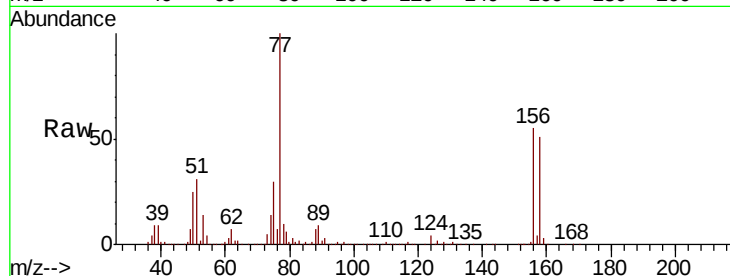
Tot Ion:156 Resp: 174742

Ion Ratio Lower Upper

156 100

77 204.3 98.2 294.4

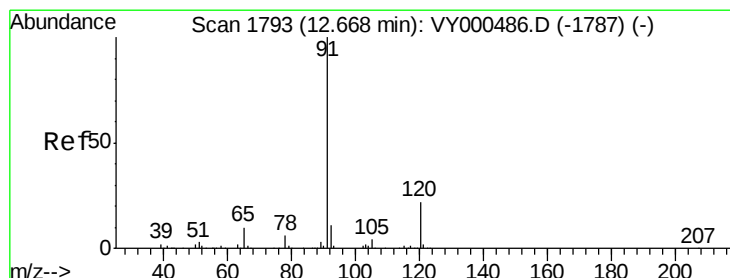
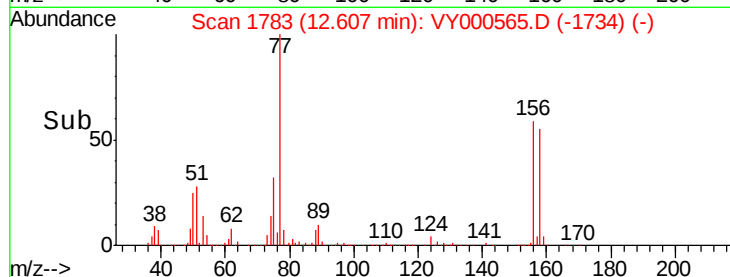
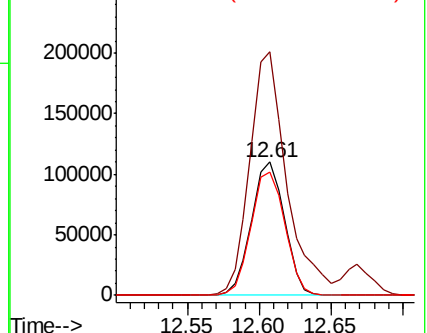
158 95.1 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.136 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000565.D

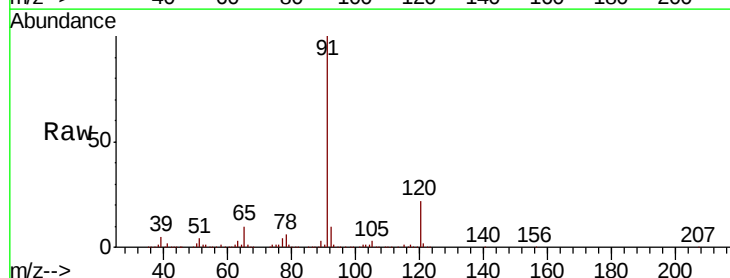
Acq: 06 Nov 2019 20:41

Tgt Ion: 91 Resp: 975138

Ion Ratio Lower Upper

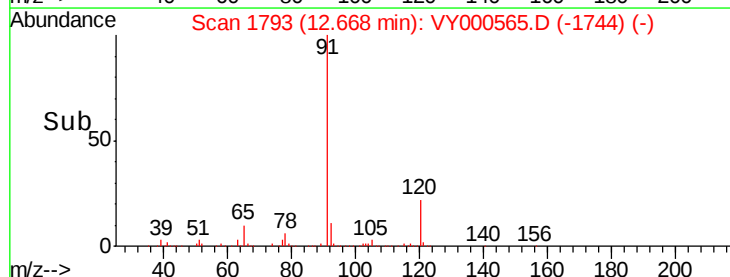
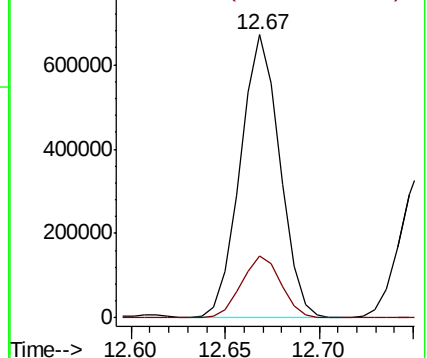
91 100

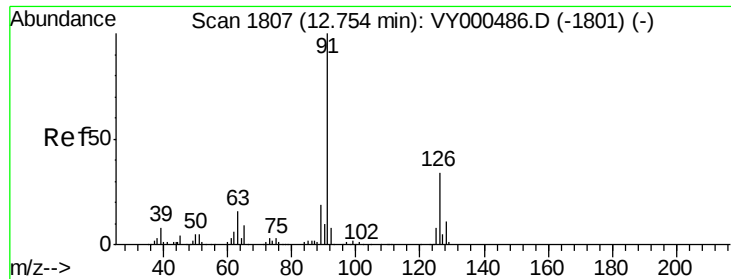
120 22.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

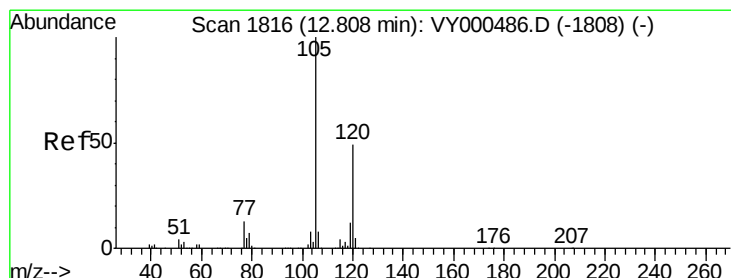
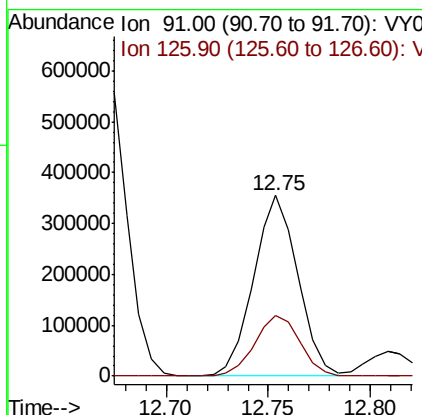
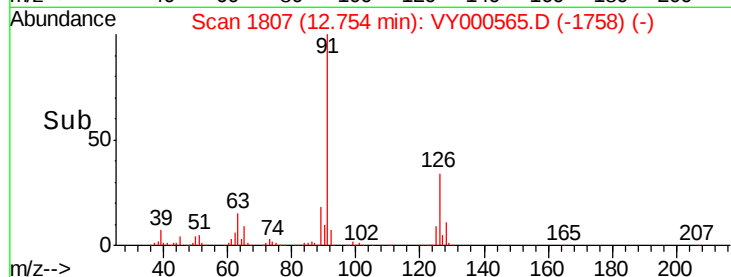
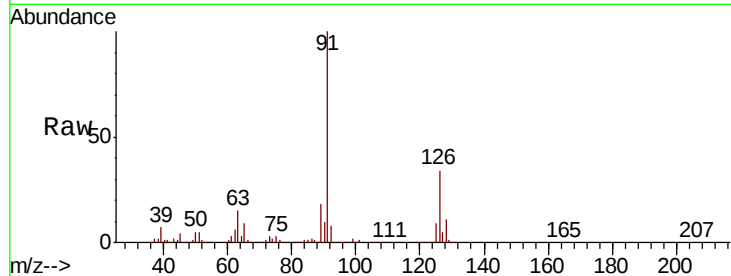




#79
2-Chlorotoluene
Concen: 51.481 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

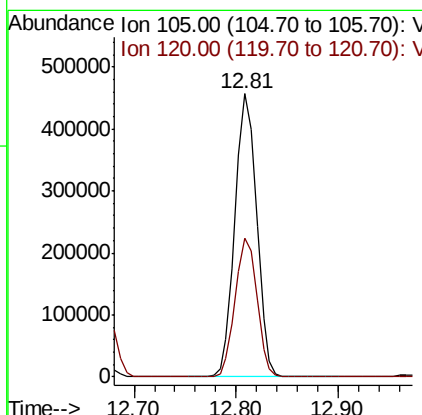
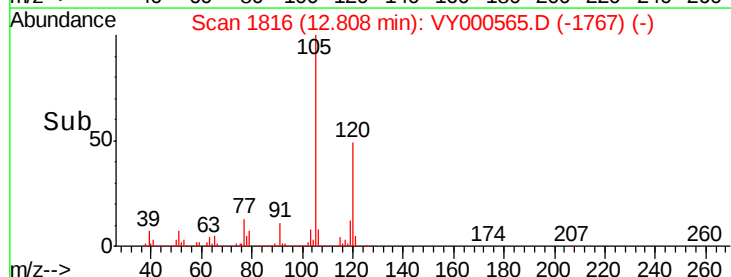
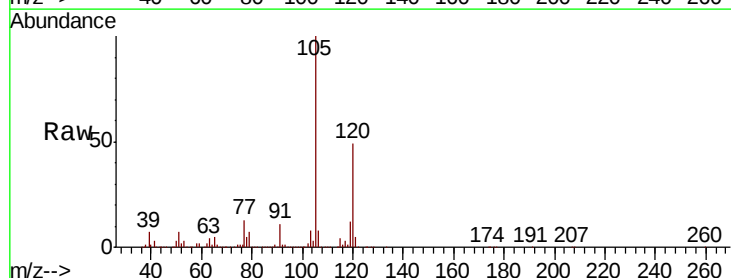
Instrument :
MSVOA_Y
ClientSampleId :

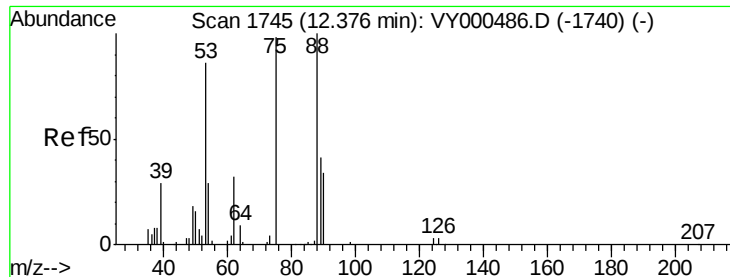
Tot Ion: 91 Resp: 534548
Ion Ratio Lower Upper
91 100
126 34.2 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 51.930 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 105 Resp: 670433
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.140 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampled :

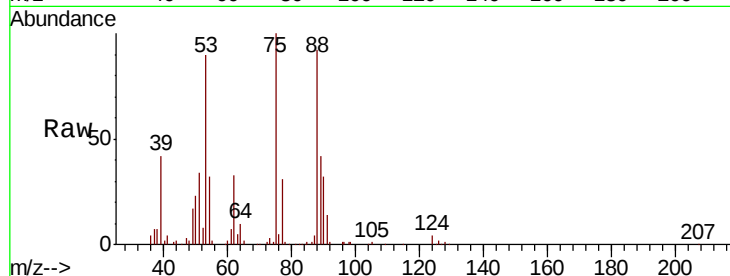
Tot Ion: 75 Resp: 53406

Ion Ratio Lower Upper

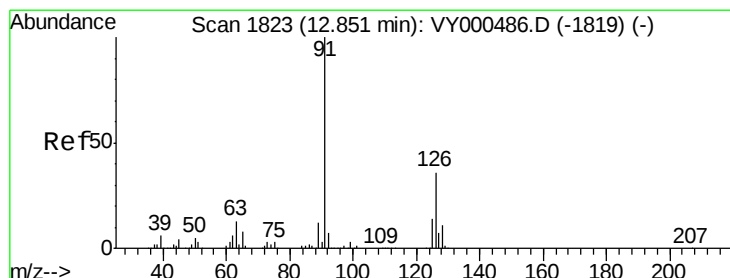
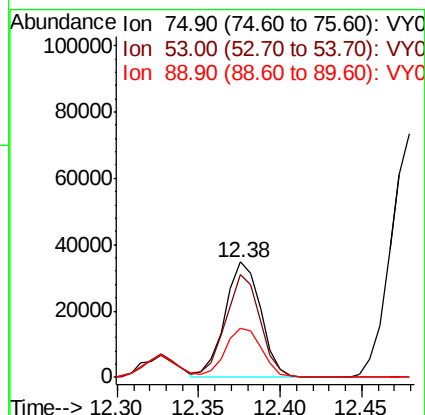
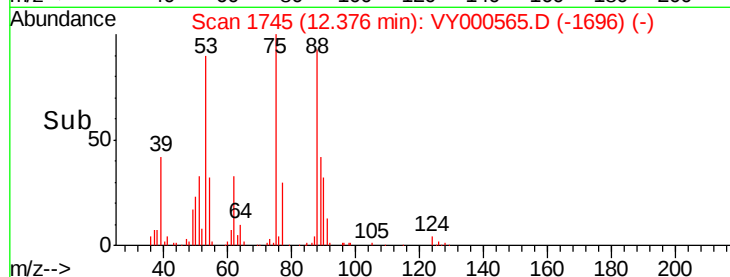
75 100

53 86.2 73.2 109.8

89 42.4 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 52.660 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000565.D

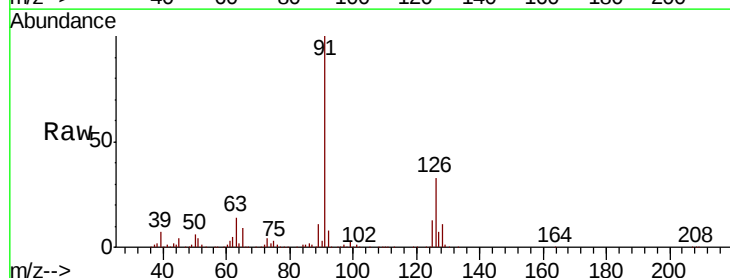
Acq: 06 Nov 2019 20:41

Tgt Ion: 91 Resp: 566794

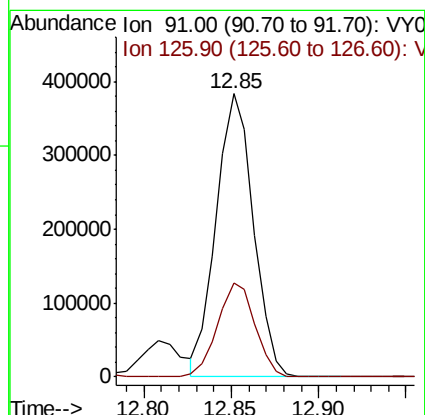
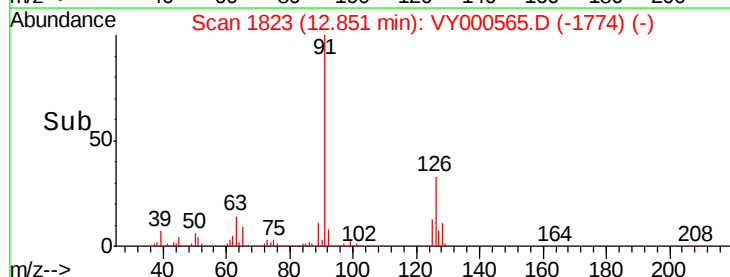
Ion Ratio Lower Upper

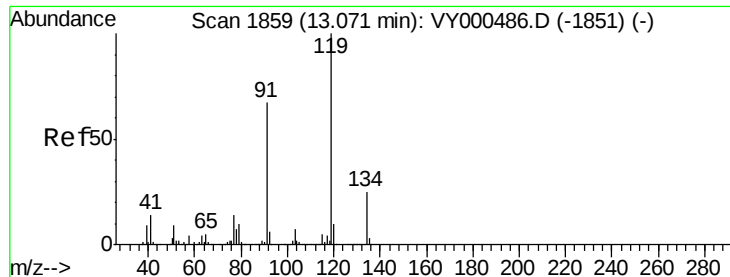
91 100

126 33.7 17.6 52.9



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





#83

tert-Butylbenzene

Concen: 51.867 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

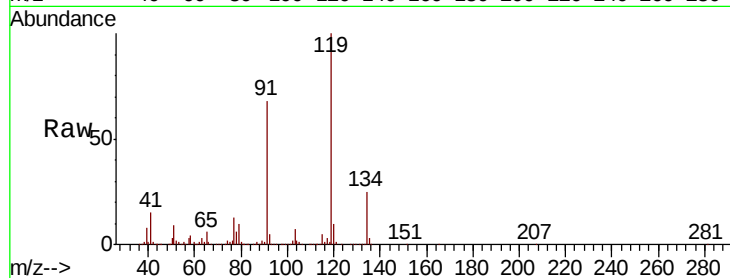
Tot Ion:119 Resp: 571742

Ion Ratio Lower Upper

119 100

91 66.2 32.1 96.3

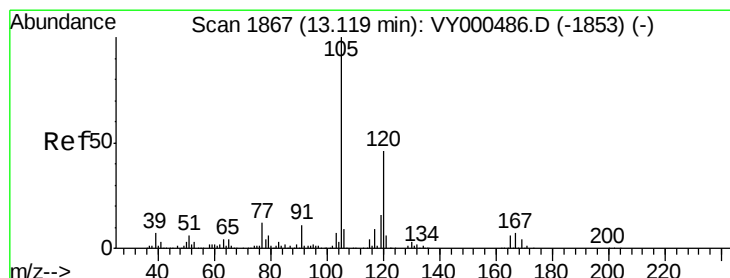
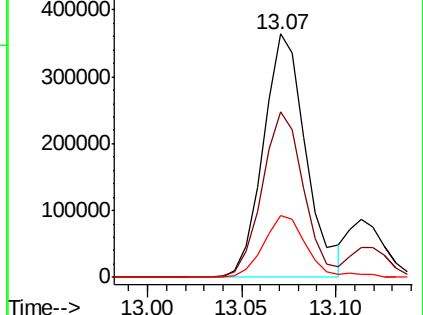
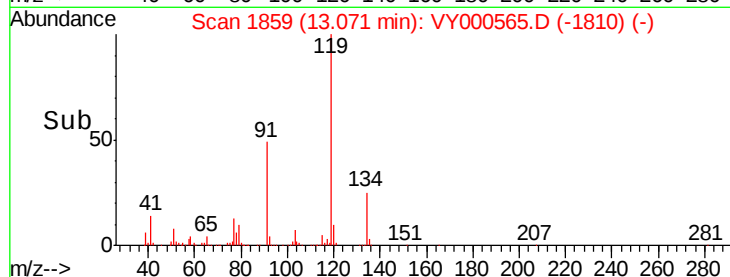
134 25.8 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.620 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000565.D

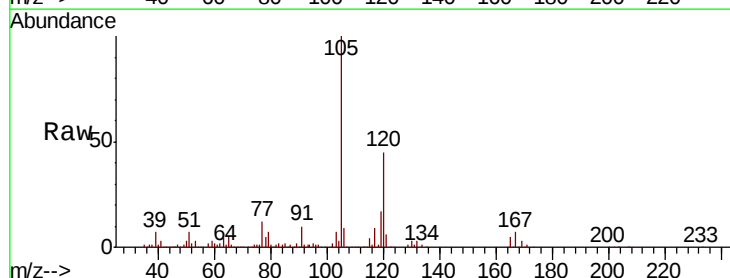
Acq: 06 Nov 2019 20:41

Tgt Ion:105 Resp: 676387

Ion Ratio Lower Upper

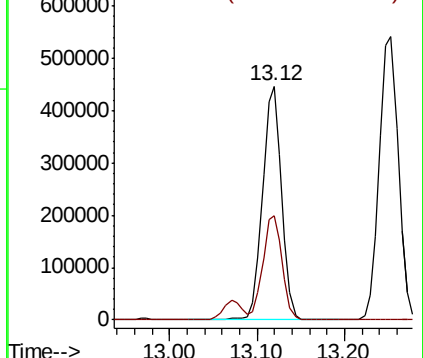
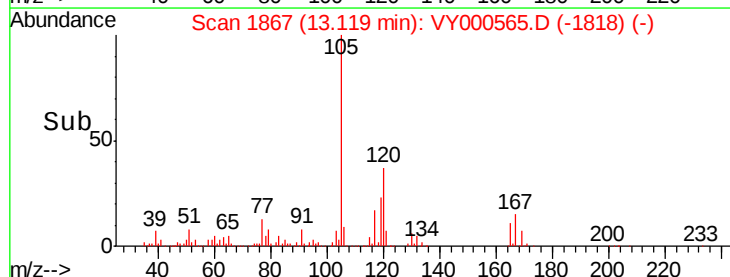
105 100

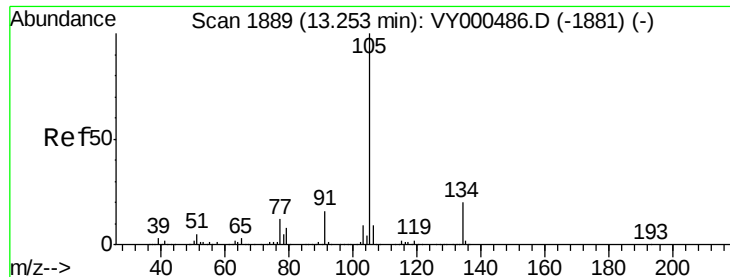
120 45.4 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.166 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

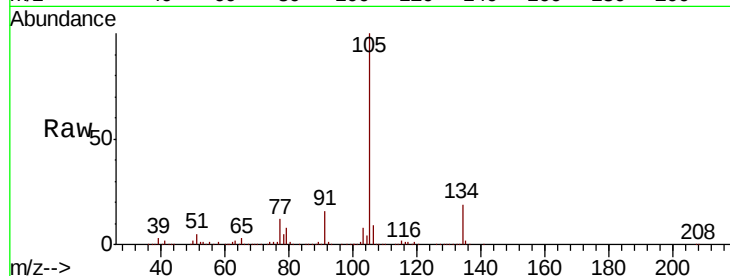
ClientSampleId :

Tot Ion:105 Resp: 819273

Ion Ratio Lower Upper

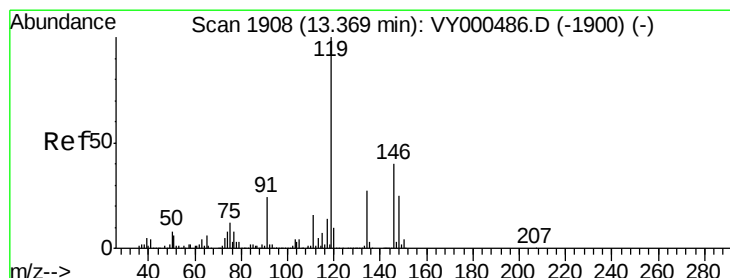
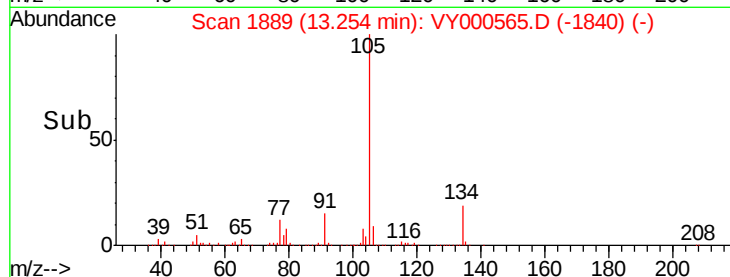
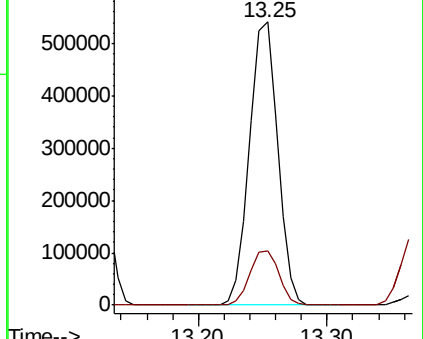
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.787 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

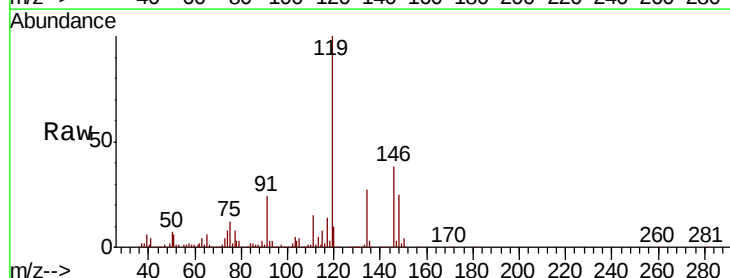
Tgt Ion:119 Resp: 710870

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

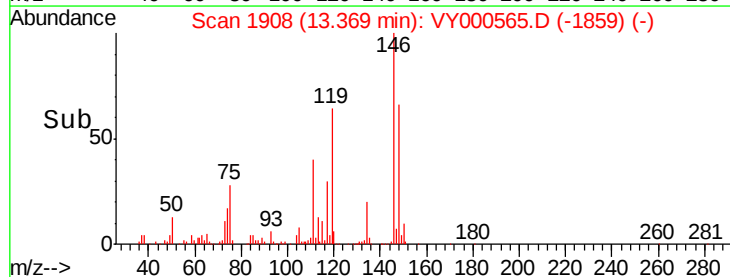
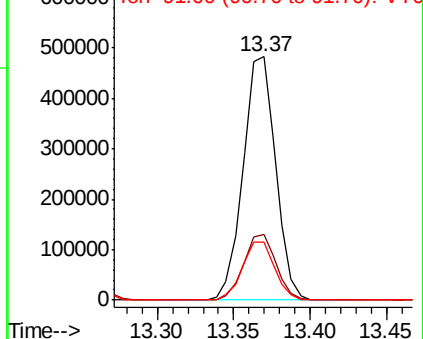
91 24.0 12.0 36.1



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

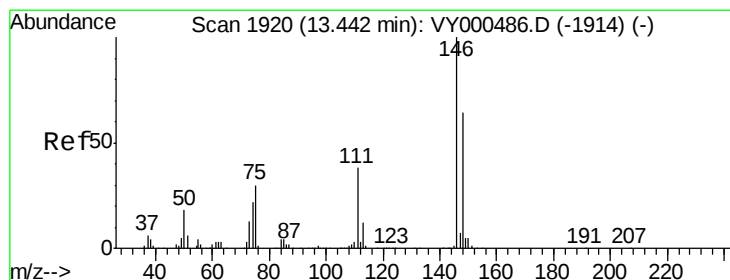
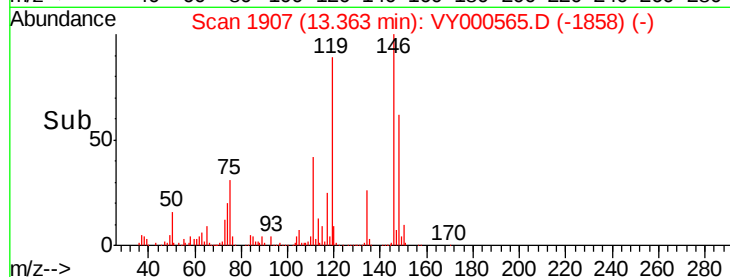
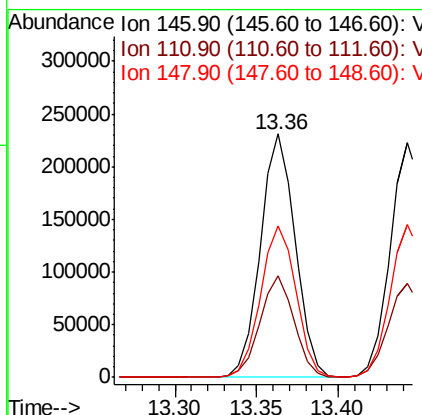
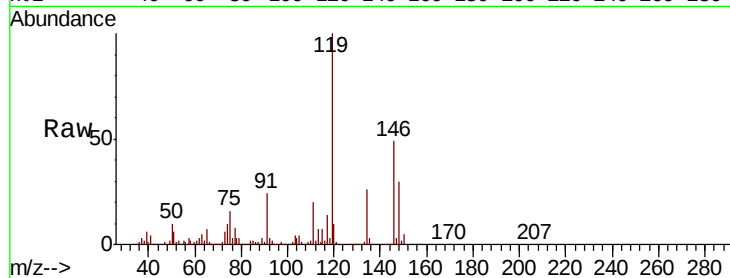




#87
 1,3-Dichlorobenzene
 Concen: 49.787 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

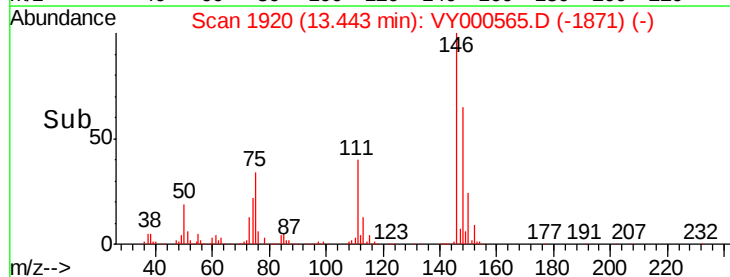
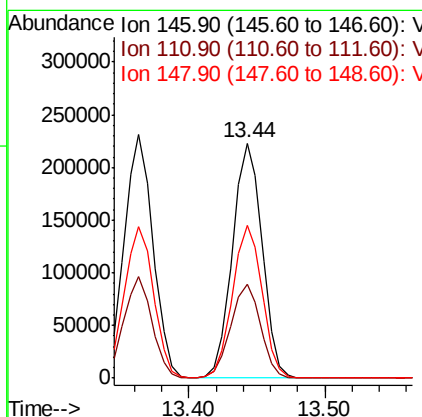
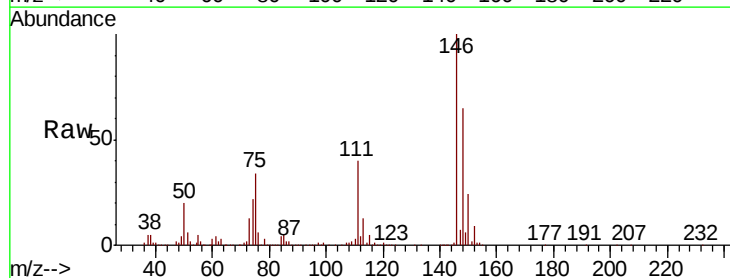
Instrument :
 MSVOA_Y
 ClientSampleId :

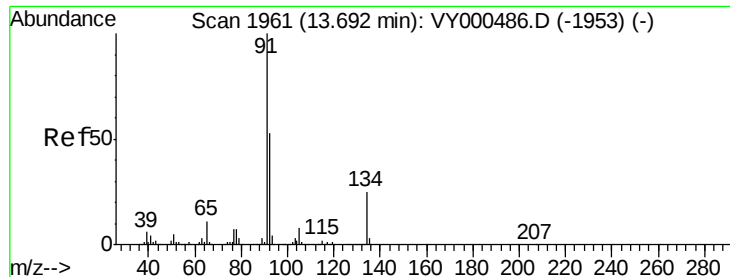
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	63.1	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.144 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	65.0	31.9	95.7

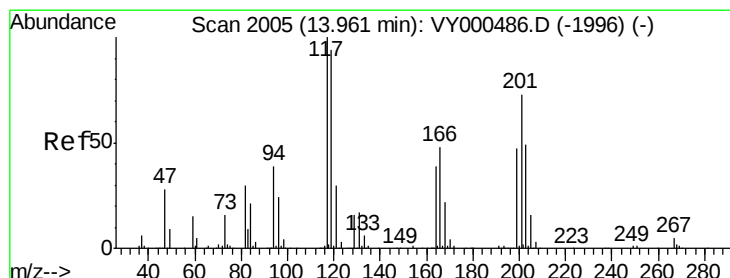
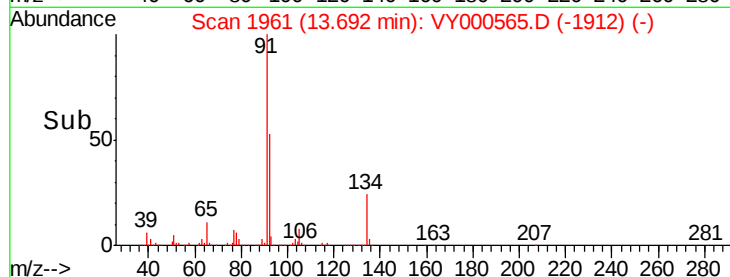
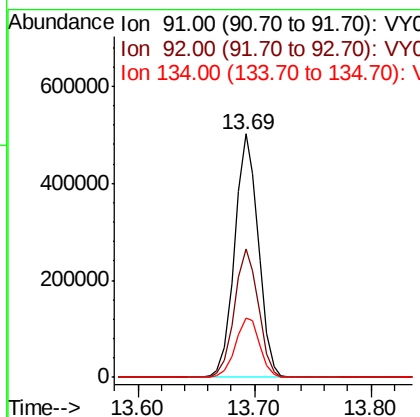
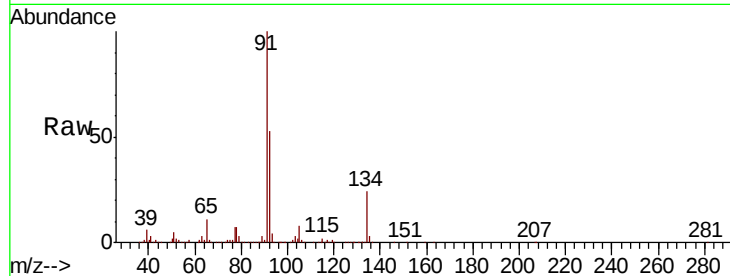




#89
n-Butylbenzene
Concen: 51.278 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

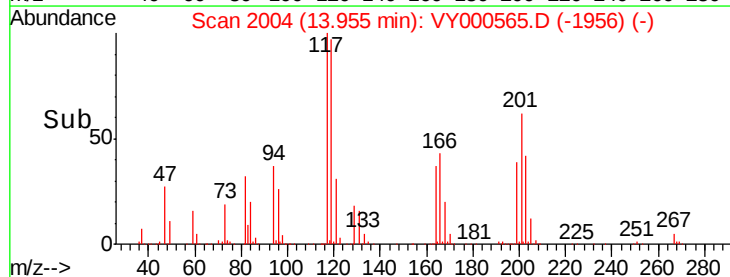
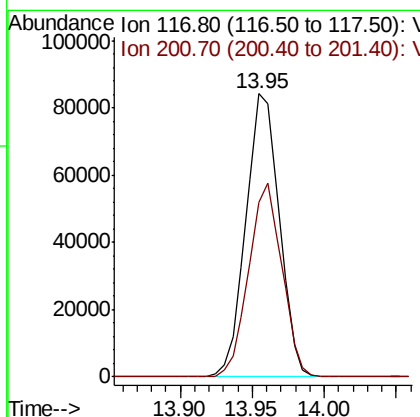
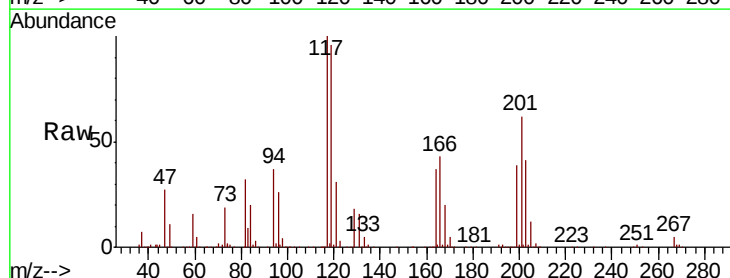
Instrument :
MSVOA_Y
ClientSampleId :

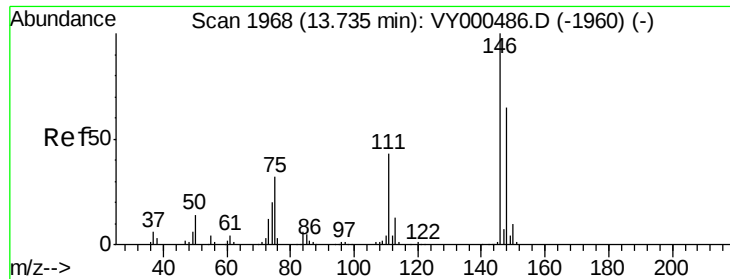
Tot Ion: 91 Resp: 707912
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 25.0 12.9 38.7



#90
Hexachloroethane
Concen: 52.233 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 117 Resp: 135162
Ion Ratio Lower Upper
117 100
201 67.8 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 49.971 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

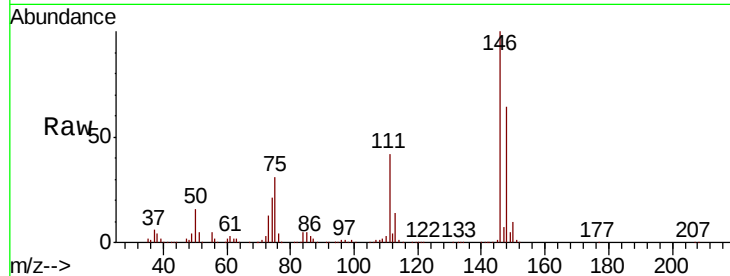
Tot Ion:146 Resp: 312174

Ion Ratio Lower Upper

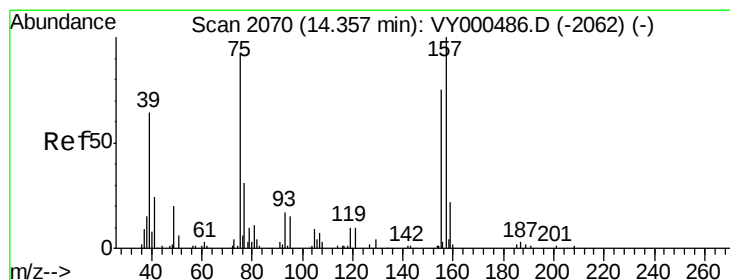
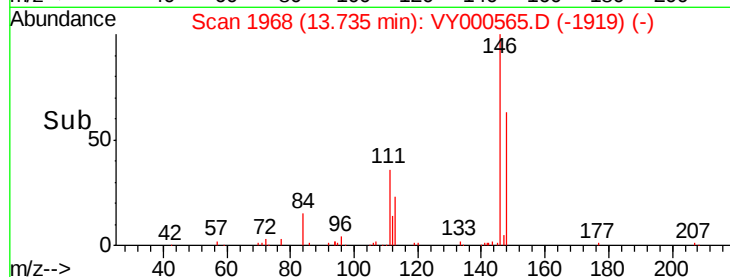
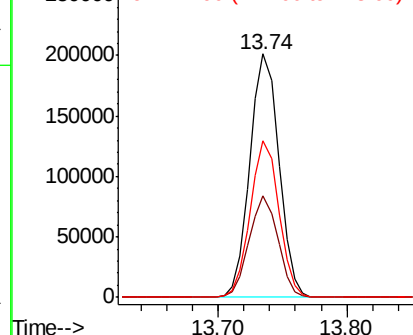
146 100

111 41.6 20.5 61.5

148 63.6 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.197 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

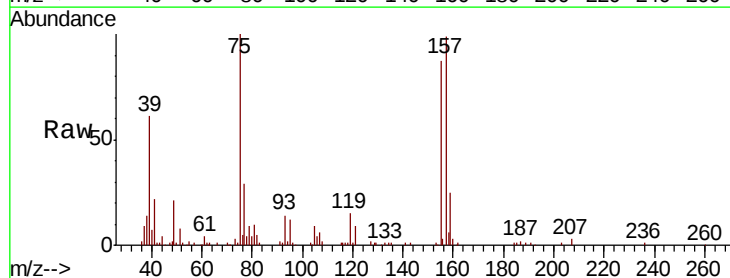
Tgt Ion: 75 Resp: 25094

Ion Ratio Lower Upper

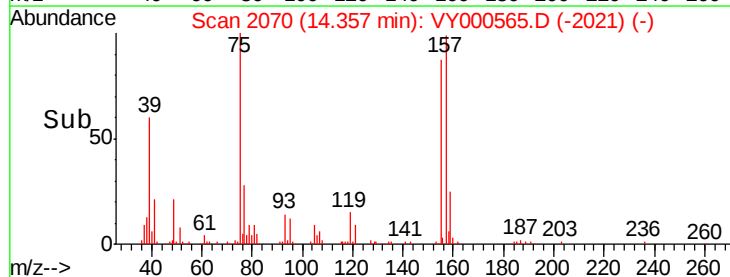
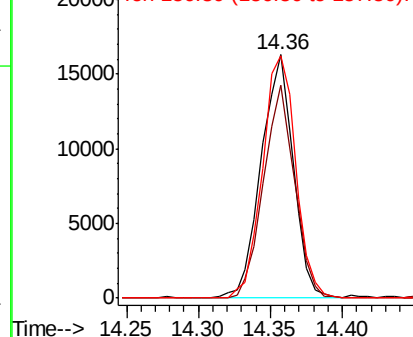
75 100

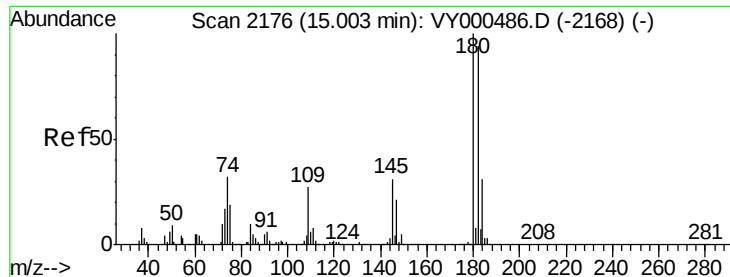
155 84.4 42.4 127.1

157 102.5 55.1 165.3



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

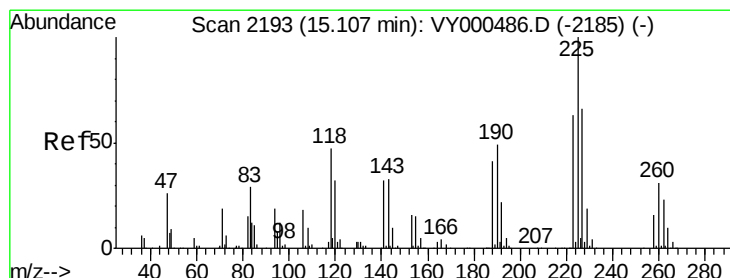
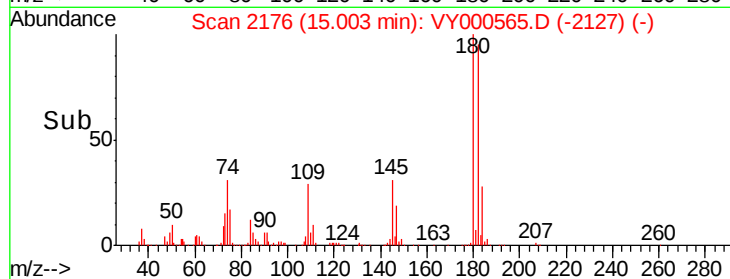
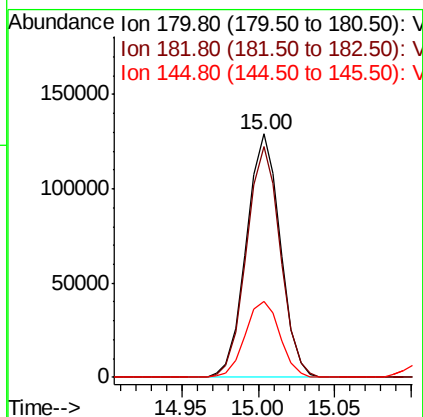
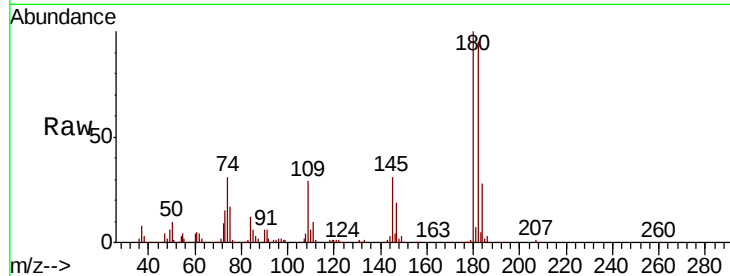




#93
 1,2,4-Trichlorobenzene
 Concen: 46.801 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

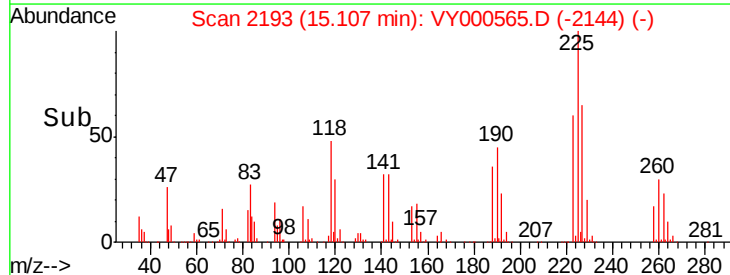
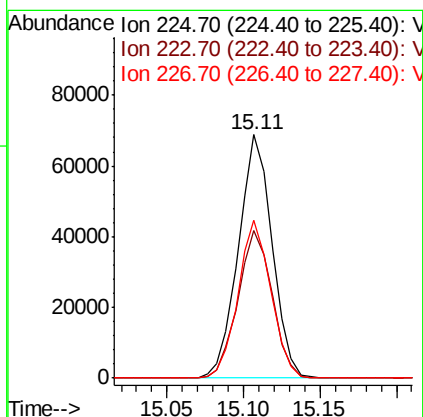
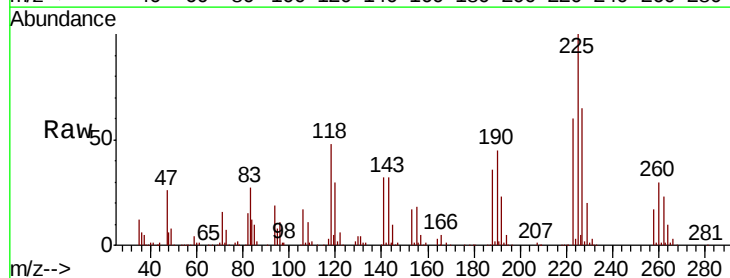
Instrument :
 MSVOA_Y
 ClientSampleId :

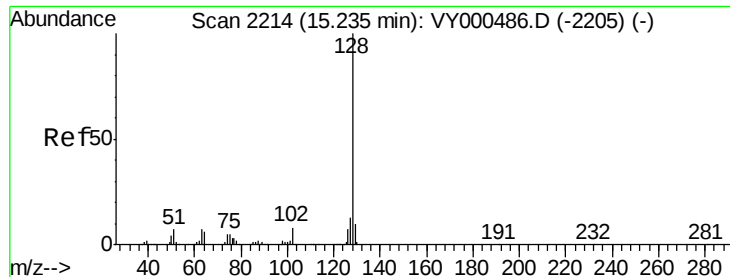
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.4
145	32.1	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 48.003 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.3	93.8
227	63.1	32.4	97.0

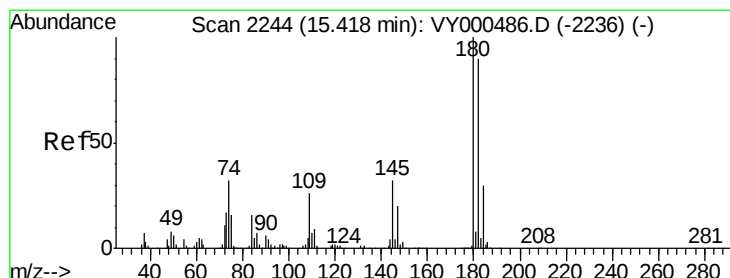
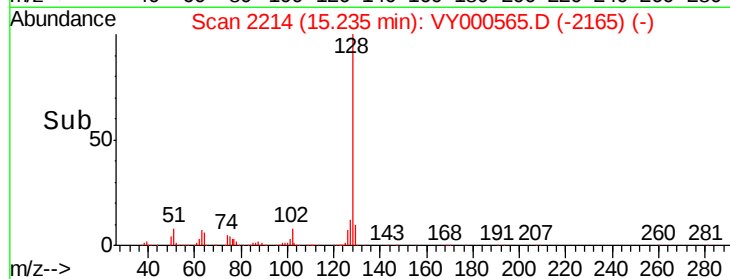
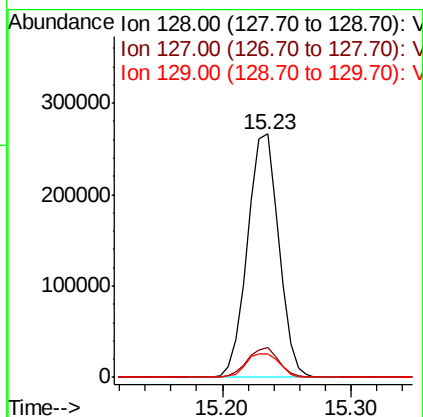
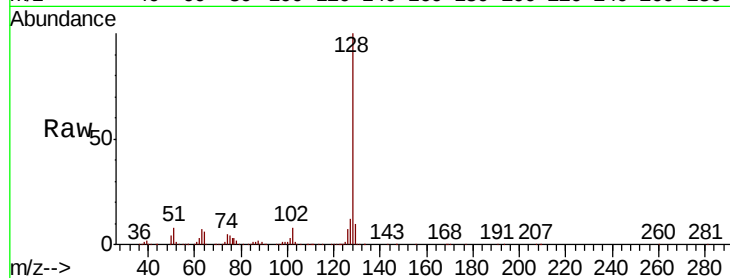




#95
Naphthalene
Concen: 47.079 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 444556
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.193 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion:180 Resp: 180095
Ion Ratio Lower Upper
180 100
182 92.4 47.4 142.3
145 32.6 15.7 47.0

