

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000781.D
 Acq On : 22 Nov 2019 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 23 03:59:06 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	331501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	572846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	514367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	164793	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
35) Dibromofluoromethane	7.72	113	152348	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	
50) Toluene-d8	10.18	98	626372	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.48	95	231953	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	139112	42.630	ug/l	98
3) Chloromethane	2.12	50	180797	40.219	ug/l	99
4) Vinyl Chloride	2.25	62	182057	43.612	ug/l	100
5) Bromomethane	2.65	94	112210	44.825	ug/l	98
6) Chloroethane	2.79	64	117156	44.842	ug/l	94
7) Trichlorofluoromethane	3.13	101	262211	46.511	ug/l	99
8) Diethyl Ether	3.54	74	101338	50.589	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	163022	47.831	ug/l	95
10) Methyl Iodide	4.09	142	197984	44.507	ug/l	100
11) Tert butyl alcohol	4.96	59	79997	239.549	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	160677	48.523	ug/l	99
13) Acrolein	3.73	56	73373	252.239	ug/l	100
14) Allyl chloride	4.48	41	285768	53.073	ug/l	95
15) Acrylonitrile	5.18	53	274267	267.276	ug/l	99
16) Acetone	3.95	43	237316	250.991	ug/l	94
17) Carbon Disulfide	4.19	76	474698	45.452	ug/l	99
18) Methyl Acetate	4.48	43	157467	53.562	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	463988	50.396	ug/l	100
20) Methylene Chloride	4.72	84	186669	46.075	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	183034	48.893	ug/l	95
22) Diisopropyl ether	6.13	45	608264	51.974	ug/l	94
23) Vinyl Acetate	6.07	43	1865766	252.550	ug/l	97
24) 1,1-Dichloroethane	6.03	63	323904	51.088	ug/l	98
25) 2-Butanone	7.00	43	416548	276.046	ug/l	96
26) 2,2-Dichloropropane	6.99	77	280443	48.402	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	210087	51.323	ug/l	98
28) Bromochloromethane	7.34	49	160236	54.973	ug/l	96
29) Tetrahydrofuran	7.36	42	236627	256.329	ug/l	98
30) Chloroform	7.52	83	315689	49.221	ug/l	95
31) Cyclohexane	7.79	56	316743	47.698	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	267741	46.840	ug/l	99
36) 1,1-Dichloropropene	7.93	75	252624	46.649	ug/l	99
37) Ethyl Acetate	7.08	43	151442	47.103	ug/l #	95
38) Carbon Tetrachloride	7.91	117	234943	45.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	334686	47.838	ug/l	97
40) Benzene	8.17	78	761441	47.959	ug/l	98
41) Methacrylonitrile	7.35	41	207343	115.601	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	205947	45.735	ug/l	98
43) Isopropyl Acetate	8.28	43	292387	48.411	ug/l	98
44) Trichloroethene	8.94	130	202462	48.365	ug/l	100
45) 1,2-Dichloropropane	9.22	63	197186	50.463	ug/l	94
46) Dibromomethane	9.31	93	101957	47.444	ug/l	98
47) Bromodichloromethane	9.50	83	247474	48.532	ug/l	99
48) Methyl methacrylate	9.30	41	129989	49.259	ug/l	96
49) 1,4-Dioxane	9.30	88	30003	1037.361	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	781606	243.404	ug/l	95
52) Toluene	10.24	92	478542	47.674	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	272765	50.063	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	315522	50.550	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	152825	49.167	ug/l	97
56) Ethyl methacrylate	10.51	69	229874	52.179	ug/l	93
57) 1,3-Dichloropropane	10.79	76	267222	49.120	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	567241	284.807	ug/l	98
59) 2-Hexanone	10.83	43	635887	271.791	ug/l	95
60) Dibromochloromethane	10.99	129	168033	47.196	ug/l	99
61) 1,2-Dibromoethane	11.09	107	146802	49.121	ug/l	99
64) Tetrachloroethene	10.72	164	218841	51.453	ug/l	94
65) Chlorobenzene	11.52	112	498385	47.790	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	175531	48.532	ug/l	98
67) Ethyl Benzene	11.59	91	930093	48.459	ug/l	99
68) m/p-Xylenes	11.70	106	699995	94.230	ug/l	97
69) o-Xylene	12.03	106	330923	47.399	ug/l	98
70) Styrene	12.04	104	572408	47.880	ug/l	99
71) Bromoform	12.20	173	101105	48.601	ug/l #	99
73) Isopropylbenzene	12.33	105	887546	49.490	ug/l	100
74) N-amyl acetate	12.14	43	255840	49.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	166744	46.958	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	250647	90.717	ug/l #	100
77) Bromobenzene	12.61	156	198701	48.858	ug/l	95
78) n-propylbenzene	12.67	91	1089938	50.370	ug/l	100
79) 2-Chlorotoluene	12.75	91	600586	49.995	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	747773	50.064	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	69005	55.998	ug/l	92
82) 4-Chlorotoluene	12.85	91	624834	50.178	ug/l	98
83) tert-Butylbenzene	13.07	119	626586	49.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	748470	50.329	ug/l	99
85) sec-Butylbenzene	13.25	105	916090	50.419	ug/l	99
86) p-Isopropyltoluene	13.37	119	800266	49.418	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	385380	48.379	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	383353	48.160	ug/l	100
89) n-Butylbenzene	13.69	91	812114	50.846	ug/l	99
90) Hexachloroethane	13.96	117	150625	50.313	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	350395	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29611	47.118	ug/l	99

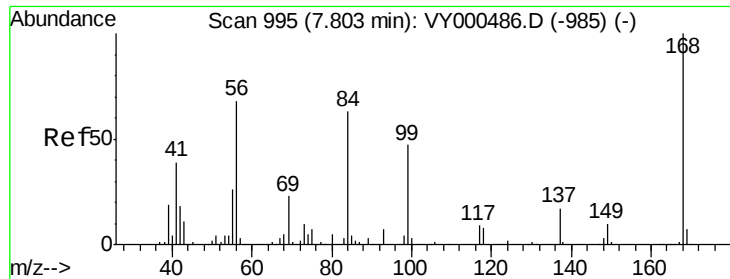
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	235278	47.810	ug/l	99
94) Hexachlorobutadiene	15.11	225	119274	47.018	ug/l	98
95) Naphthalene	15.23	128	557041	50.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	206798	46.839	ug/l	99

(#) = 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: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

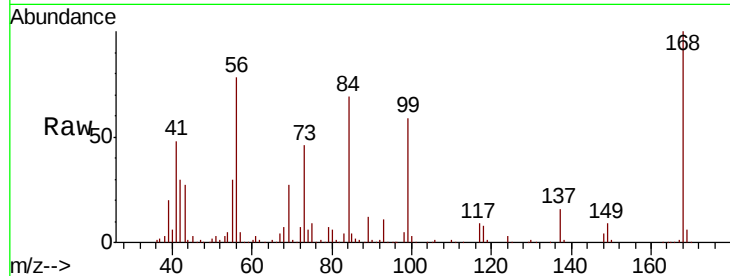
VSTDCCC050

Tot Ion:168 Resp: 331501

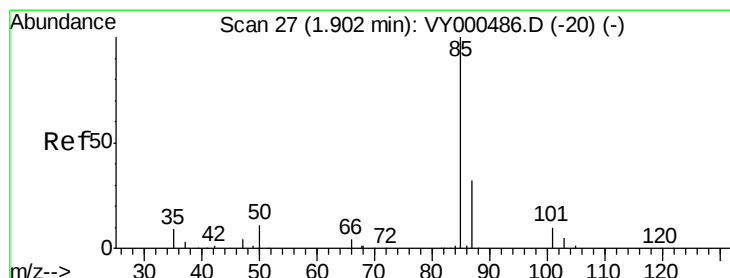
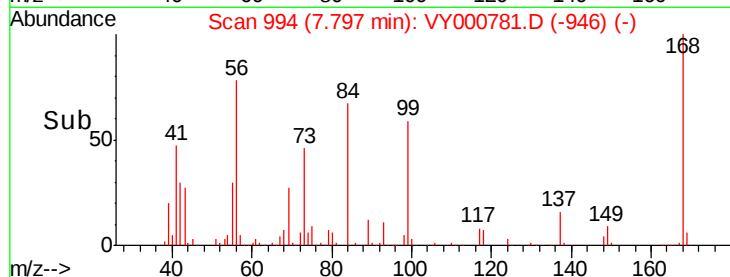
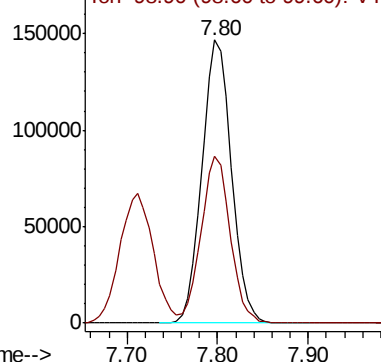
Ion Ratio Lower Upper

168 100

99 58.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 42.630 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000781.D

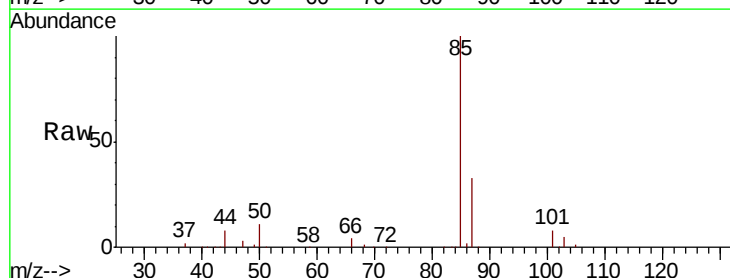
Acq: 22 Nov 2019 10:11

Tgt Ion: 85 Resp: 139112

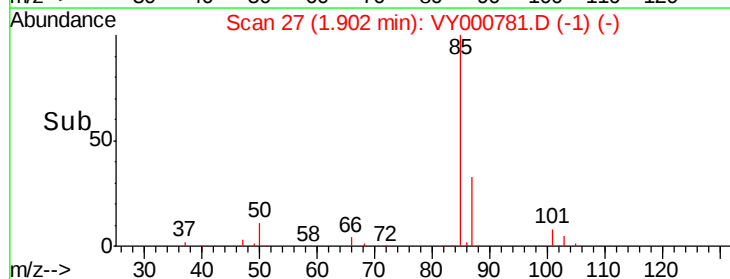
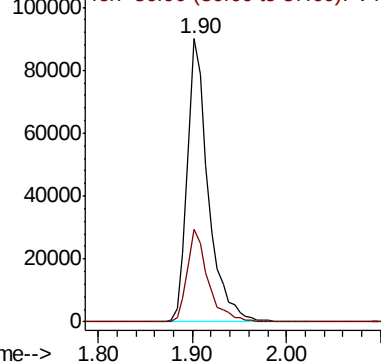
Ion Ratio Lower Upper

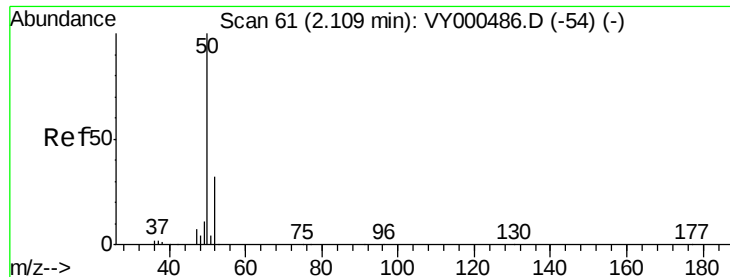
85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)





#3

Chloromethane

Concen: 40.219 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

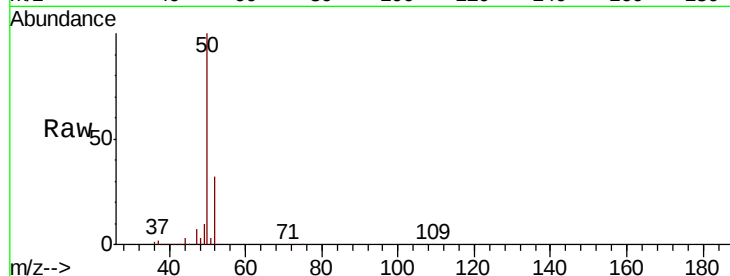
VSTDCCC050

Tot Ion: 50 Resp: 180797

Ion Ratio Lower Upper

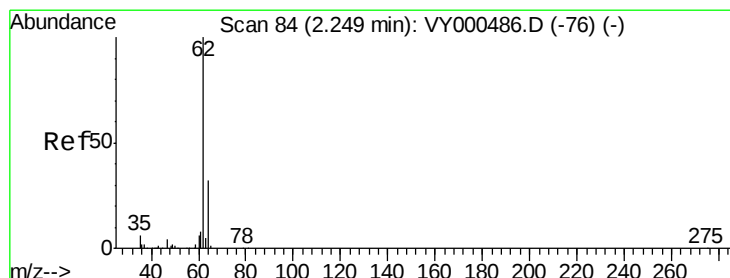
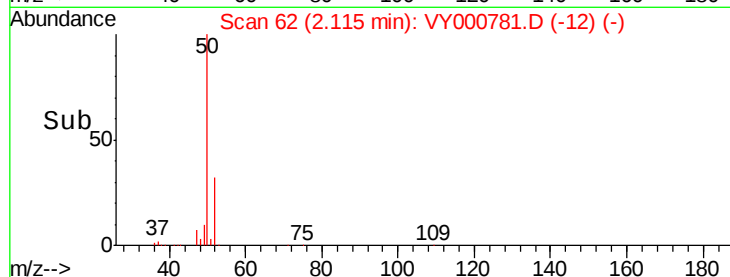
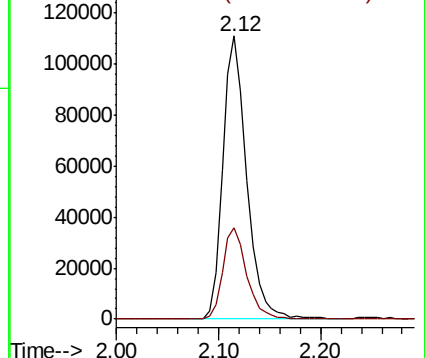
50 100

52 32.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 43.612 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000781.D

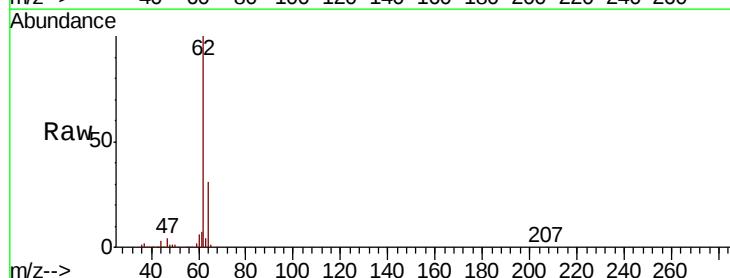
Acq: 22 Nov 2019 10:11

Tgt Ion: 62 Resp: 182057

Ion Ratio Lower Upper

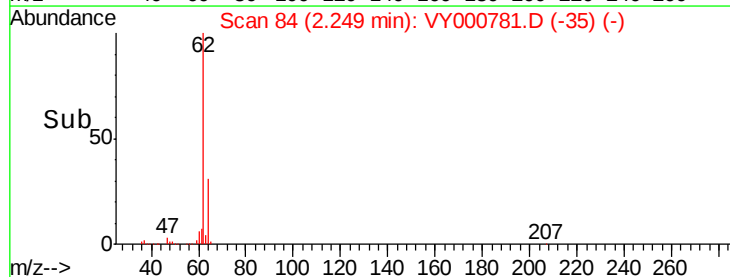
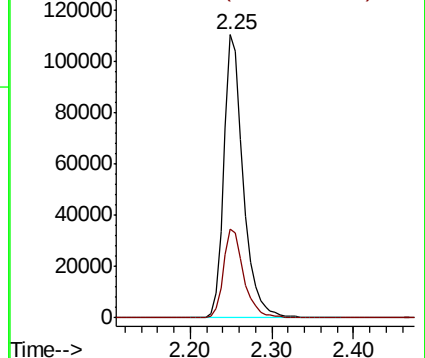
62 100

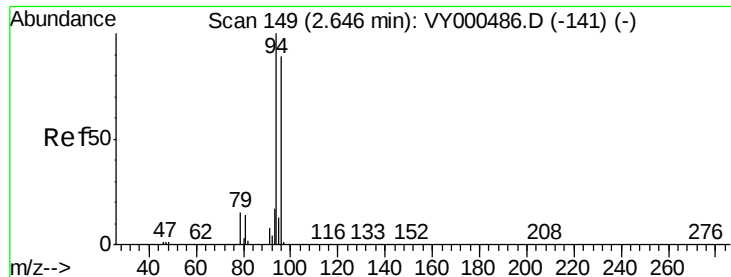
64 31.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.825 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

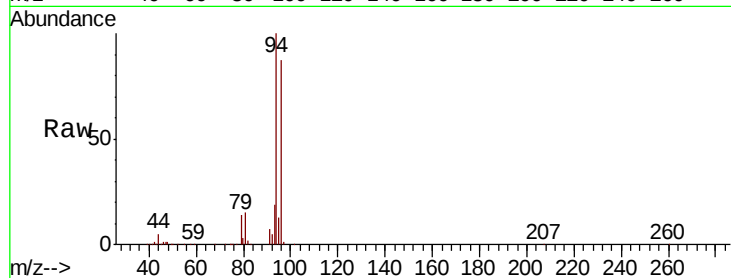
VSTDCCC050

Tot Ion: 94 Resp: 112210

Ion Ratio Lower Upper

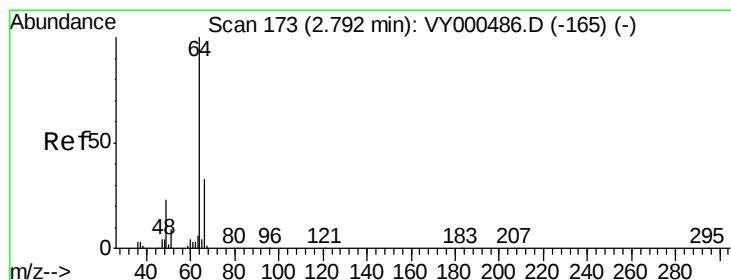
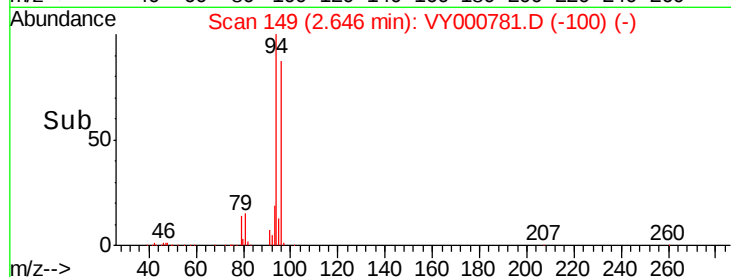
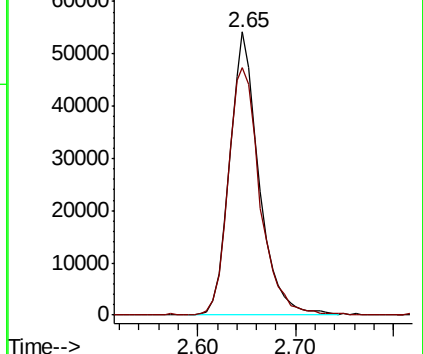
94 100

96 87.2 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.842 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000781.D

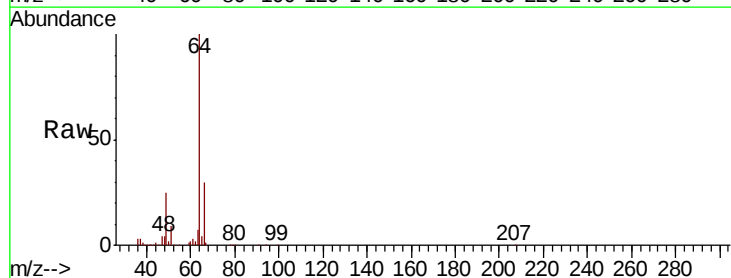
Acq: 22 Nov 2019 10:11

Tgt Ion: 64 Resp: 117156

Ion Ratio Lower Upper

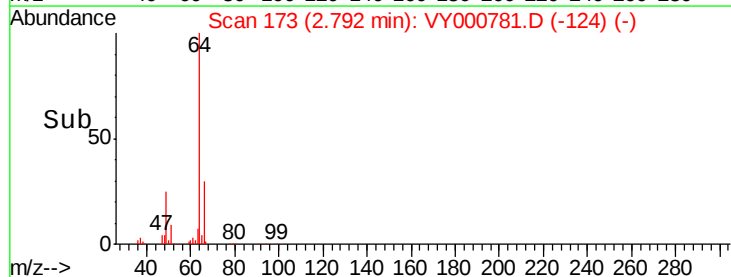
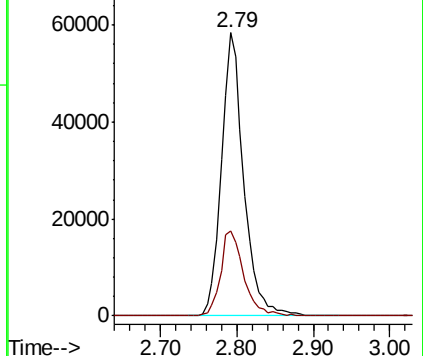
64 100

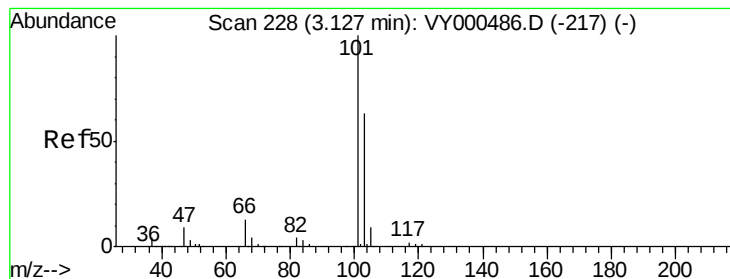
66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



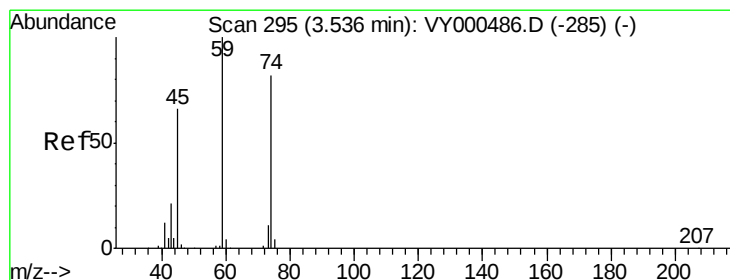
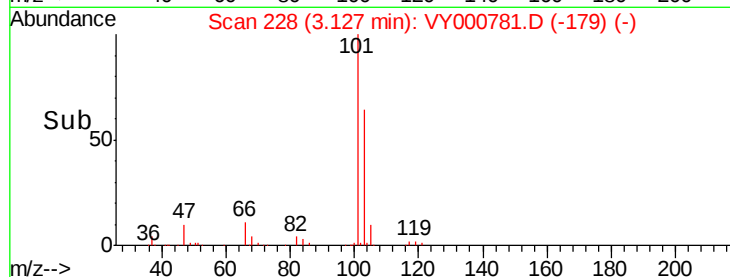
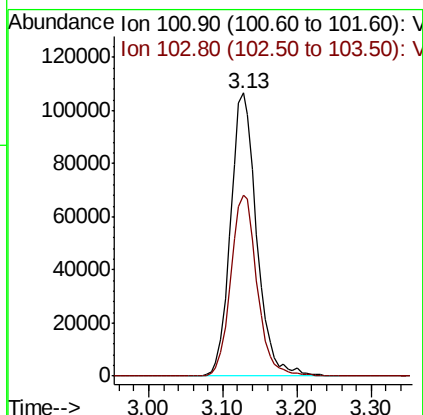
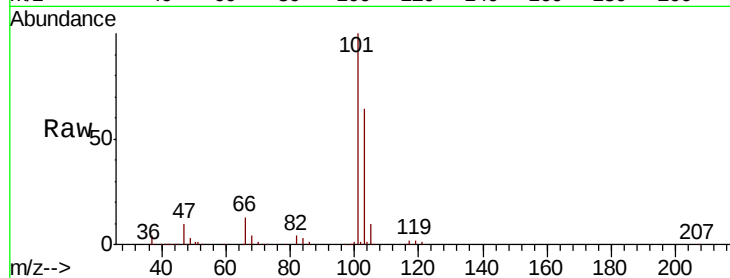


#7

Trichlorofluoromethane
 Concen: 46.511 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

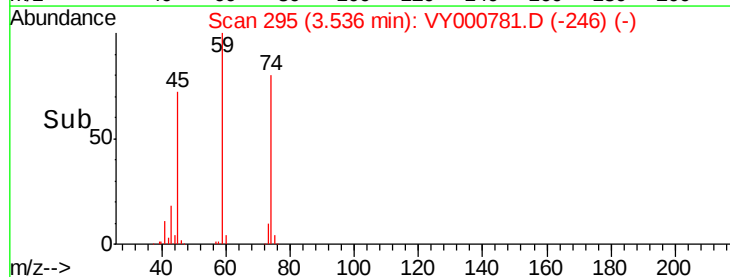
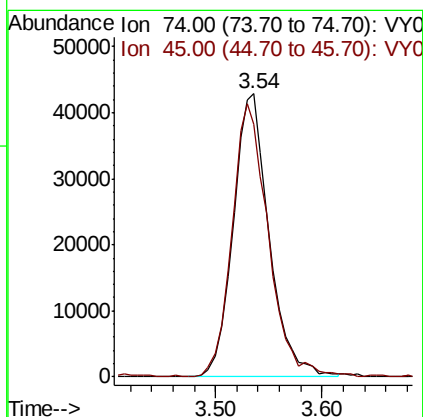
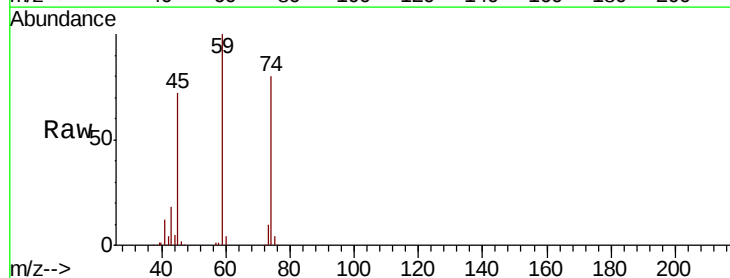
Tot Ion:101 Resp: 262211
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.5 75.7

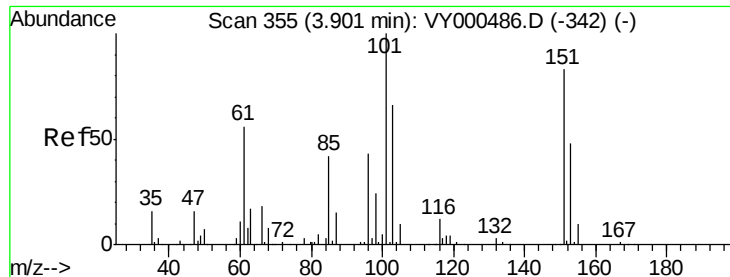


#8

Diethyl Ether
 Concen: 50.589 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion: 74 Resp: 101338
 Ion Ratio Lower Upper
 74 100
 45 97.9 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.831 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

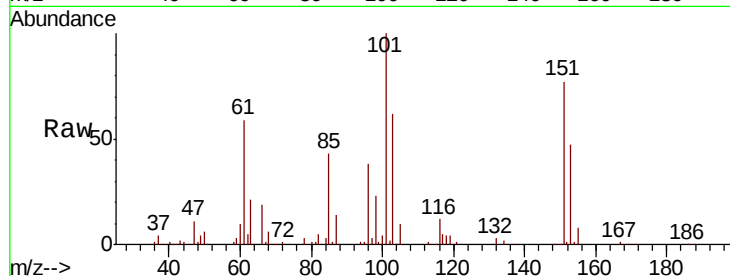
Tot Ion:101 Resp: 163022

Ion Ratio Lower Upper

101 100

85 44.9 36.7 55.1

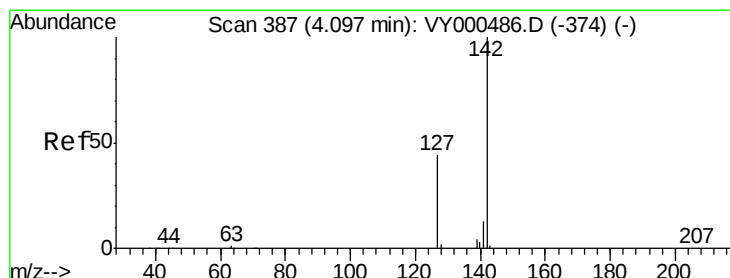
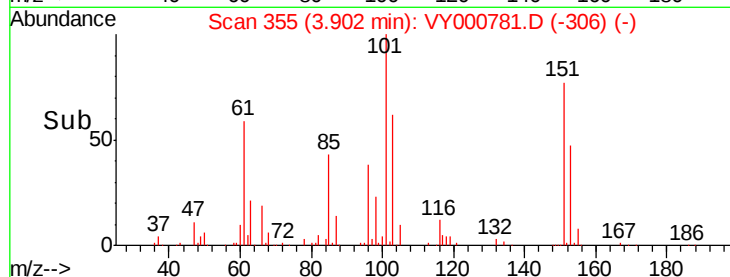
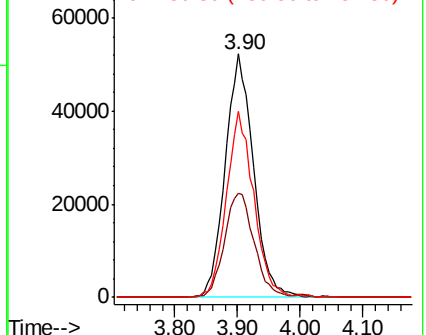
151 73.7 64.3 96.5



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: 44.507 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

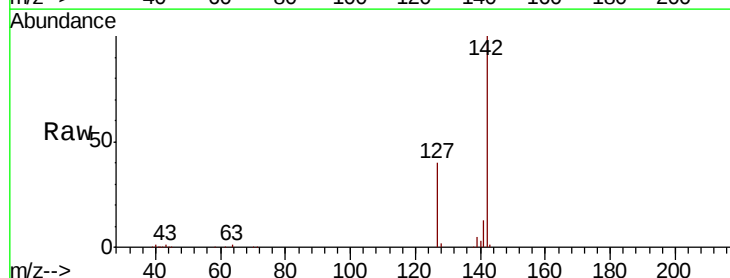
Tgt Ion:142 Resp: 197984

Ion Ratio Lower Upper

142 100

127 41.8 33.7 50.5

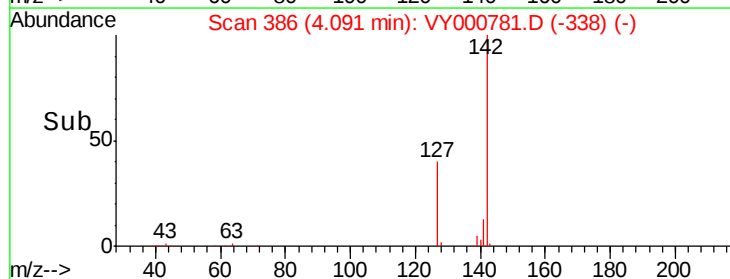
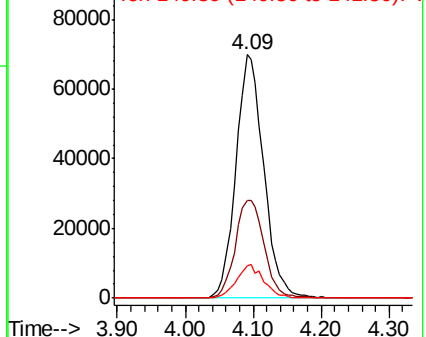
141 13.6 10.9 16.3

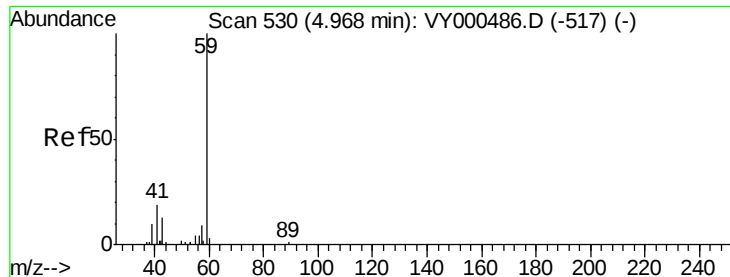


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

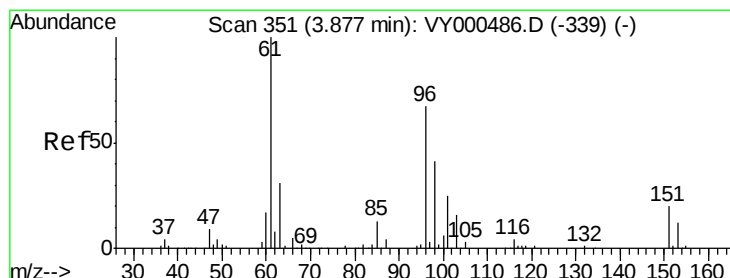
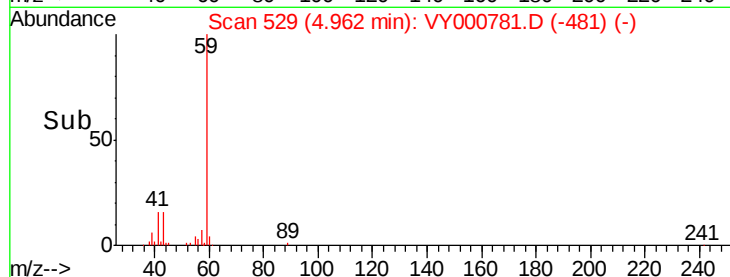
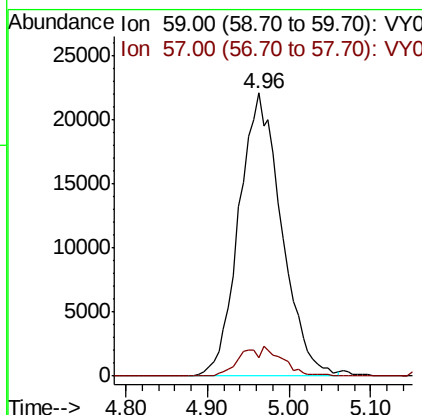
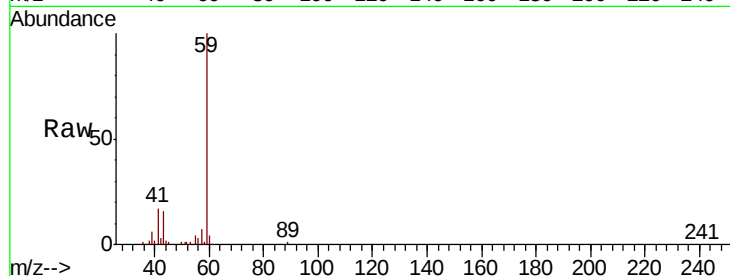




#11
Tert butyl alcohol
Concen: 239.549 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

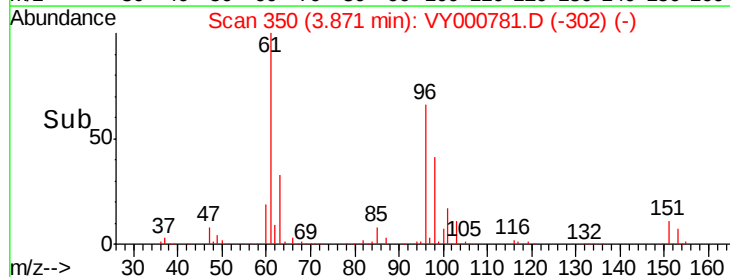
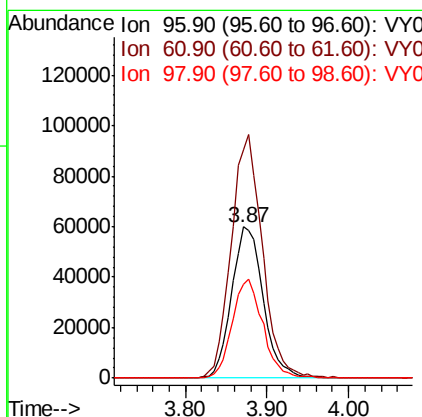
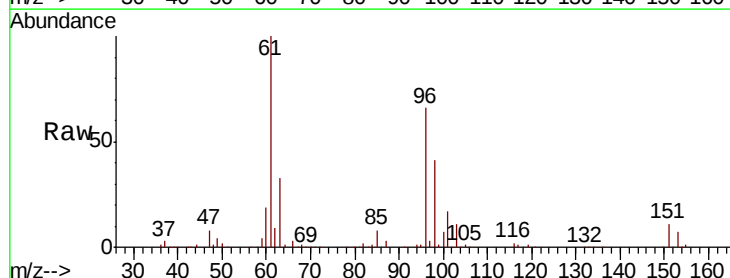
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

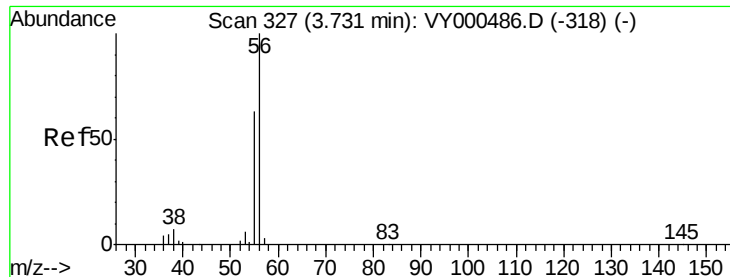
Tot Ion: 59 Resp: 79997
Ion Ratio Lower Upper
59 100
57 4.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 48.523 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 96 Resp: 160677
Ion Ratio Lower Upper
96 100
61 150.7 119.2 178.8
98 61.9 48.6 73.0





#13

Acrolein

Concen: 252.239 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

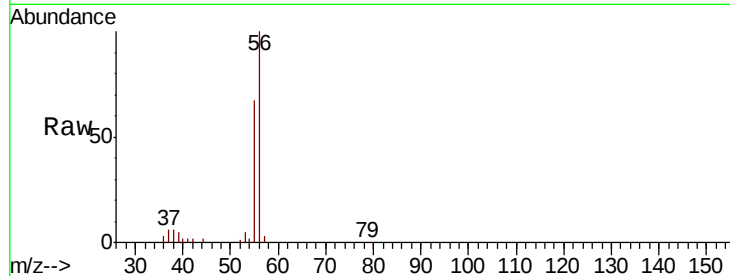
VSTDCCC050

Tot Ion: 56 Resp: 73373

Ion Ratio Lower Upper

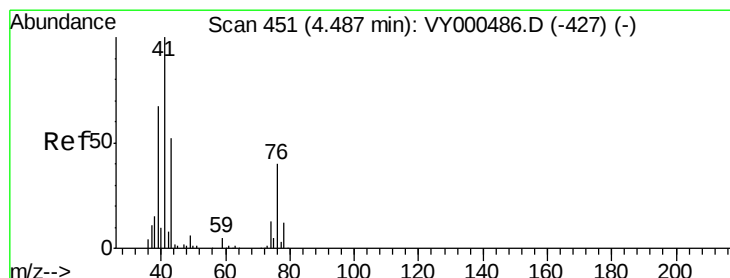
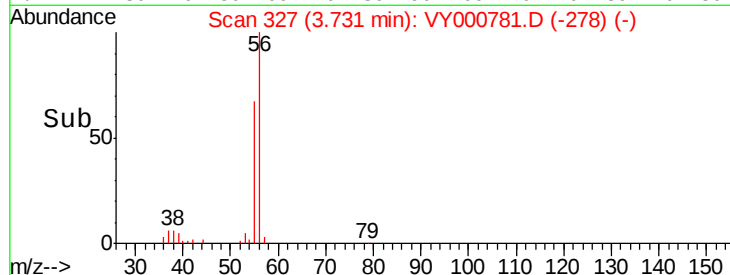
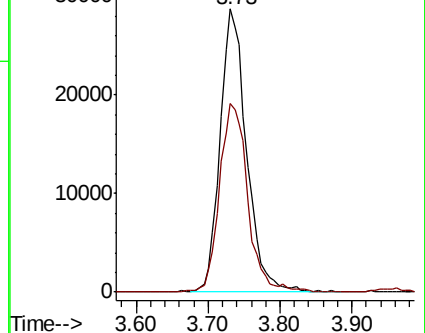
56 100

55 71.1 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 53.073 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

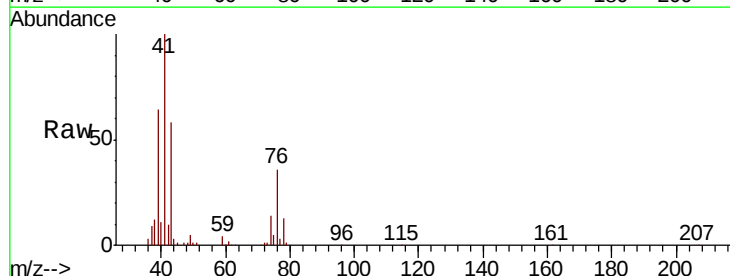
Tgt Ion: 41 Resp: 285768

Ion Ratio Lower Upper

41 100

39 62.0 53.6 80.4

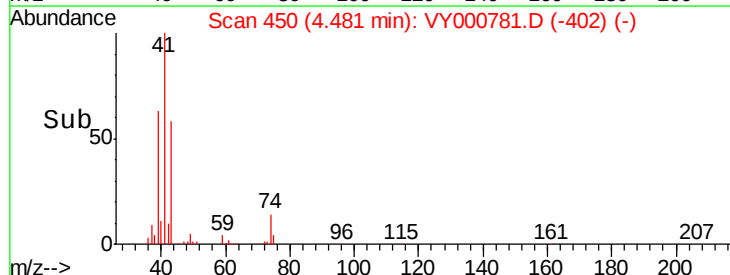
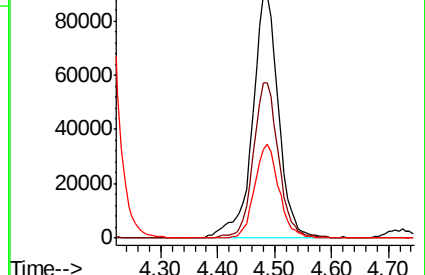
76 35.9 29.8 44.6

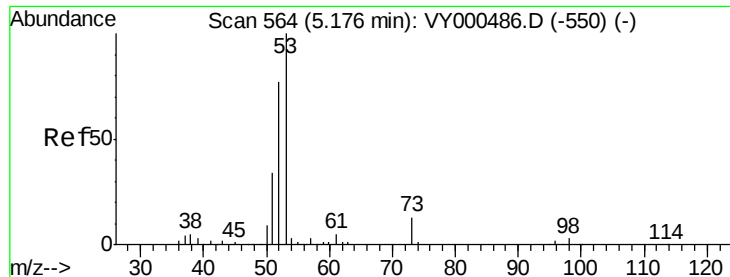


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 267.276 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

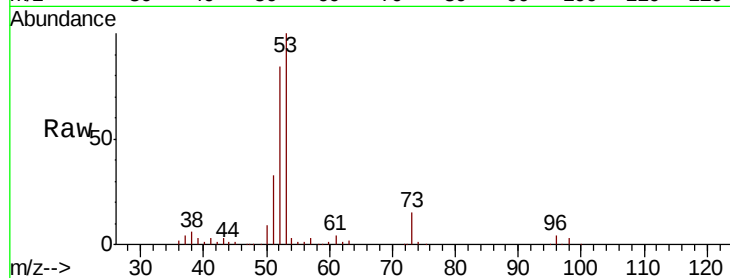
Tot Ion: 53 Resp: 274267

Ion Ratio Lower Upper

53 100

52 81.8 64.9 97.3

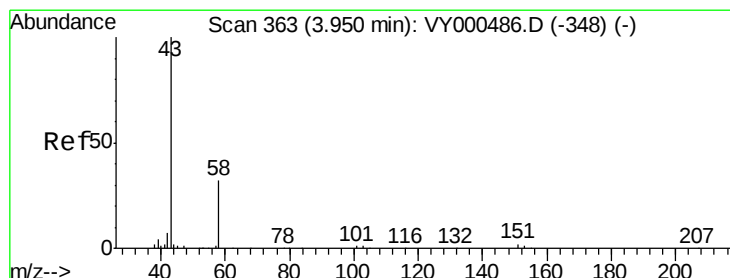
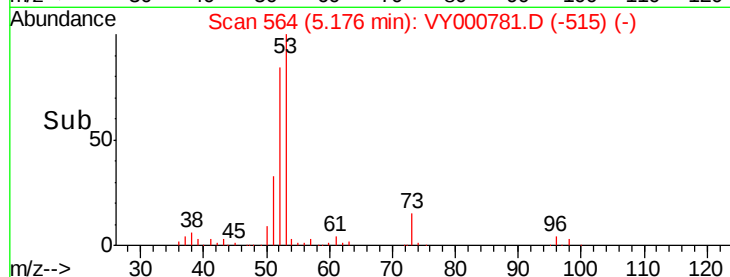
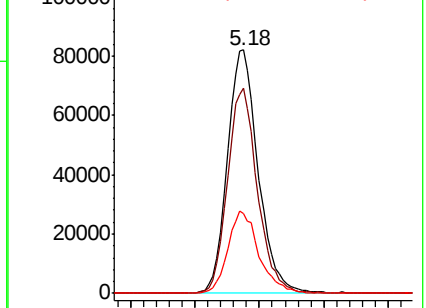
51 34.2 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 250.991 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000781.D

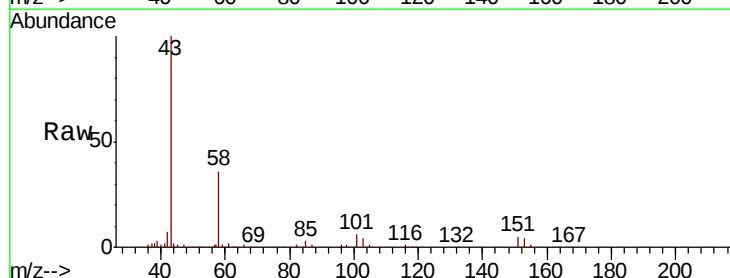
Acq: 22 Nov 2019 10:11

Tgt Ion: 43 Resp: 237316

Ion Ratio Lower Upper

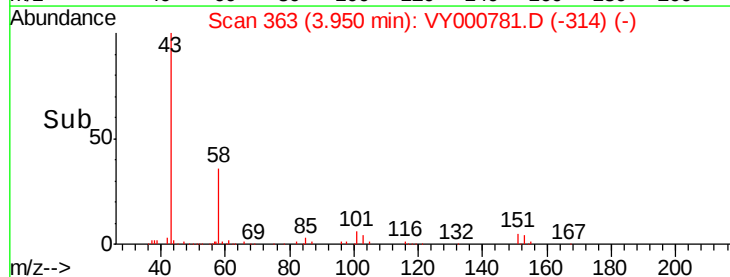
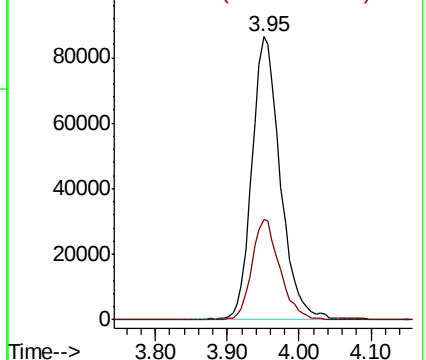
43 100

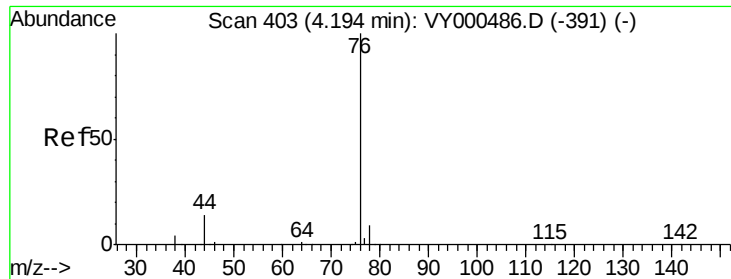
58 35.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

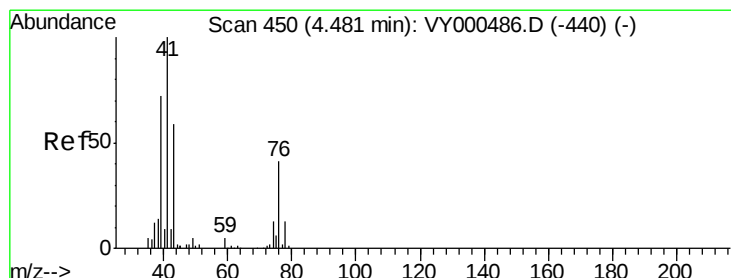
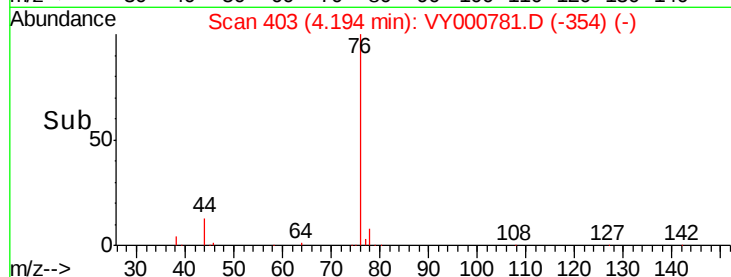
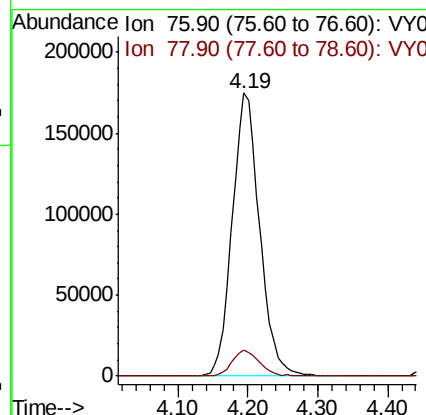
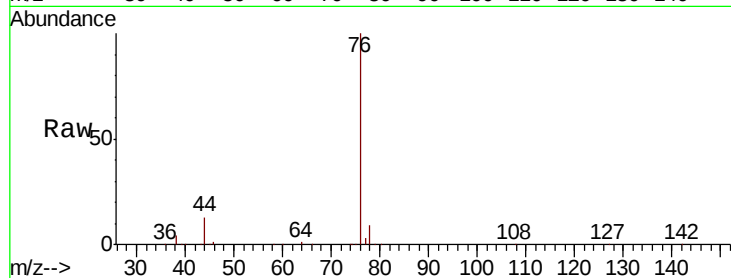




#17
Carbon Disulfide
Concen: 45.452 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

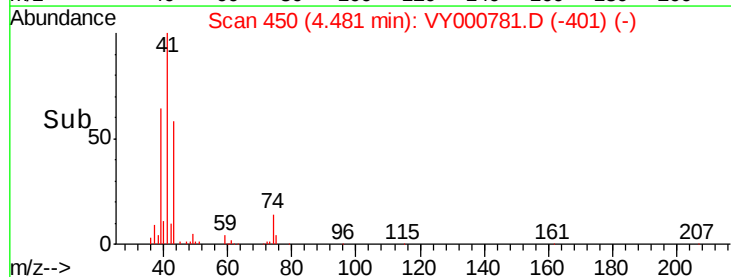
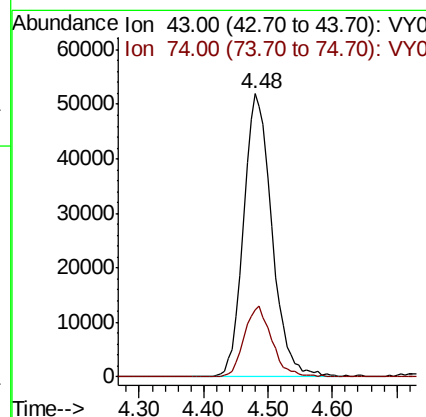
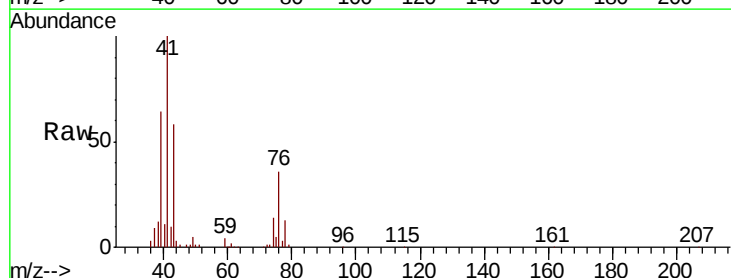
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

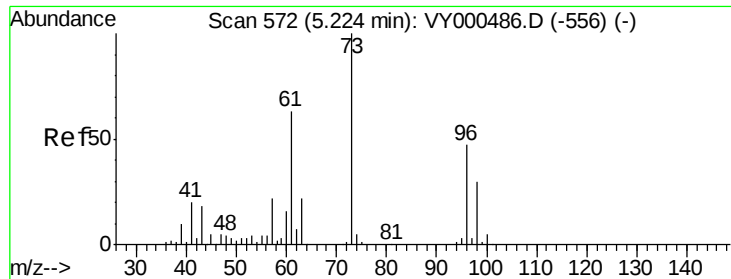
Tot Ion: 76 Resp: 474698
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 53.562 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 43 Resp: 157467
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

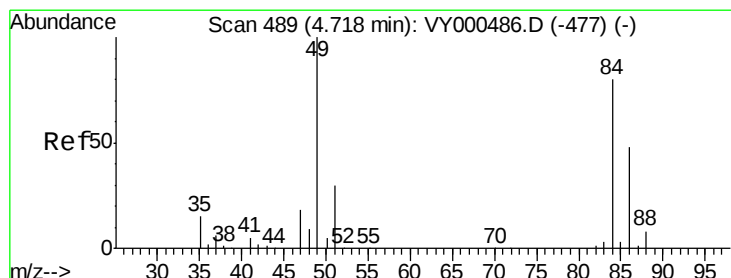
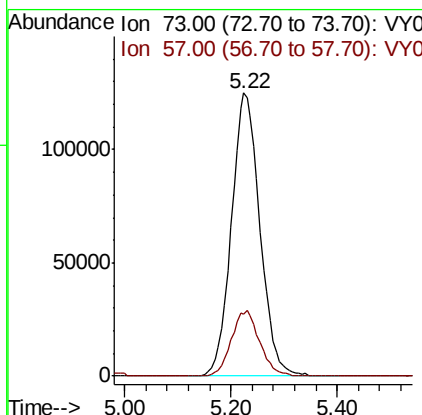
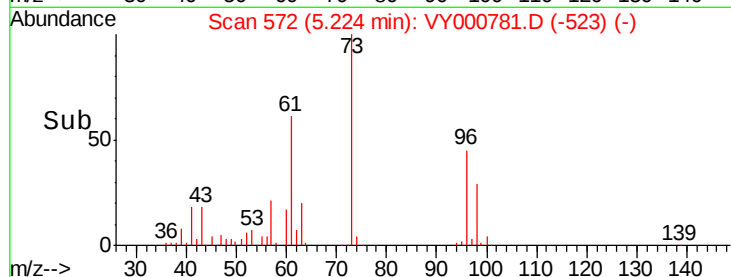
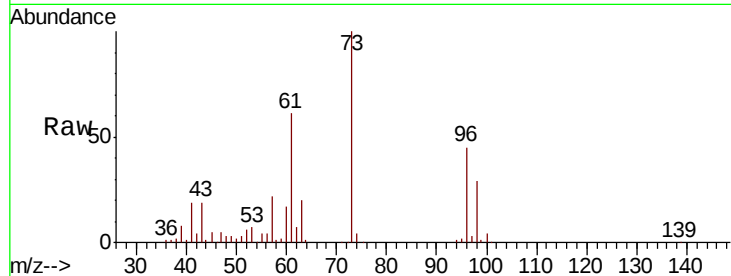




#19
Methvl tert-butvl Ether
Concen: 50.396 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

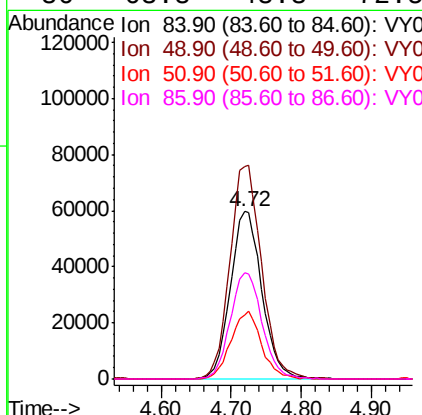
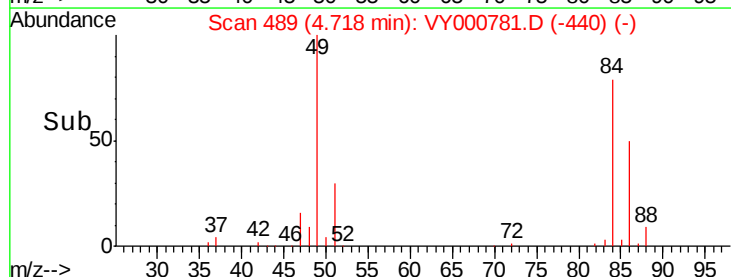
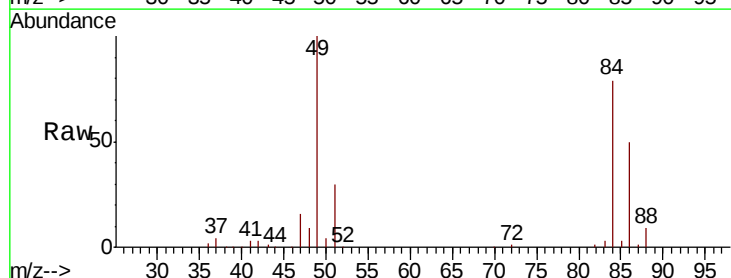
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

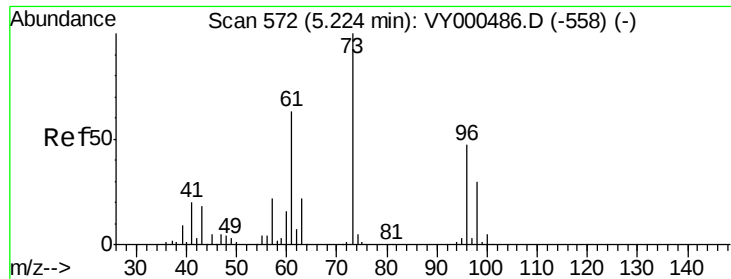
Tot Ion: 73 Resp: 463988
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 46.075 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 84 Resp: 186669
Ion Ratio Lower Upper
84 100
49 127.1 100.2 150.4
51 38.2 29.6 44.4
86 63.8 48.3 72.5

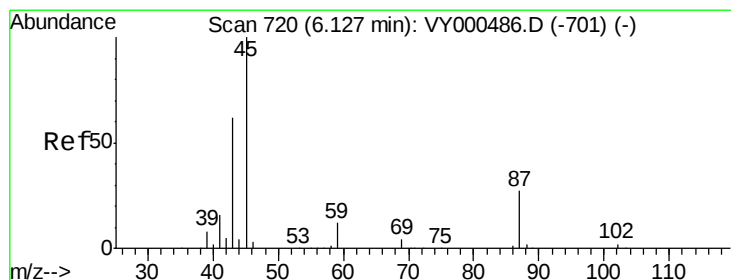
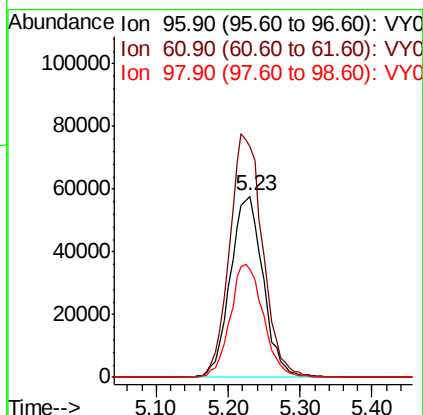
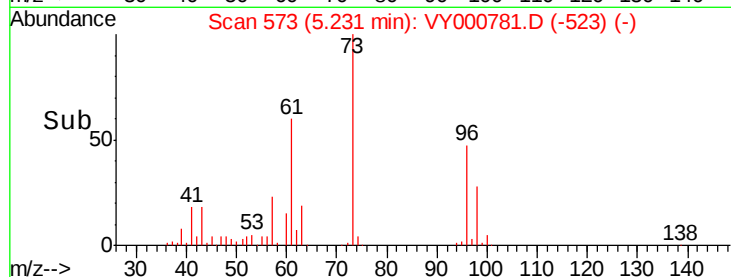
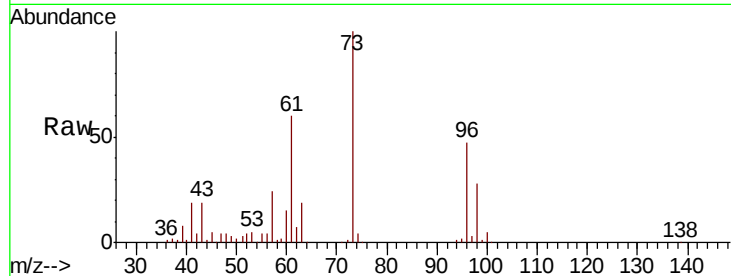




#21
trans-1,2-Dichloroethene
Concen: 48.893 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

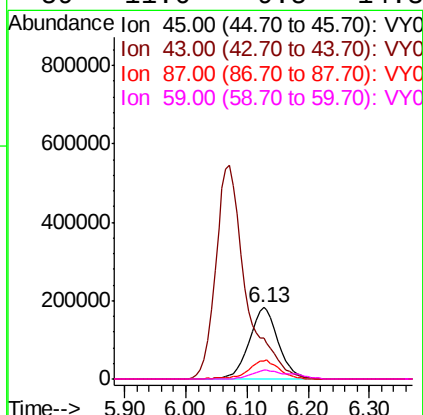
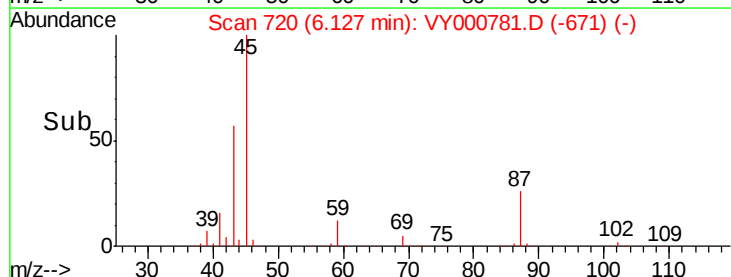
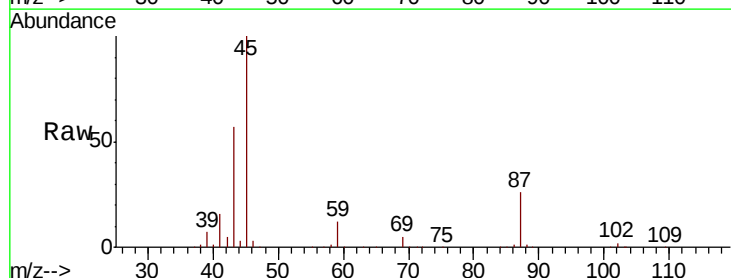
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

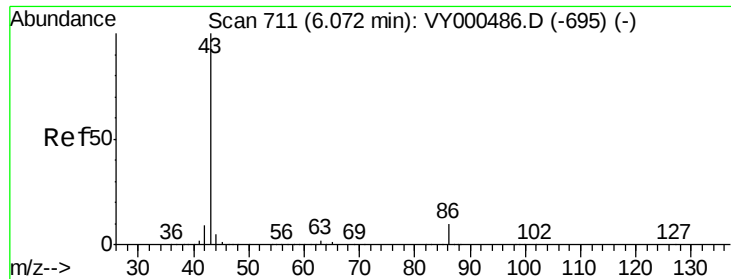
Tot Ion: 96 Resp: 183034
Ion Ratio Lower Upper
96 100
61 127.6 106.6 160.0
98 59.7 50.6 76.0



#22
Diisopropyl ether
Concen: 51.974 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 45 Resp: 608264
Ion Ratio Lower Upper
45 100
43 56.5 50.0 75.0
87 25.6 21.6 32.4
59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 252.550 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

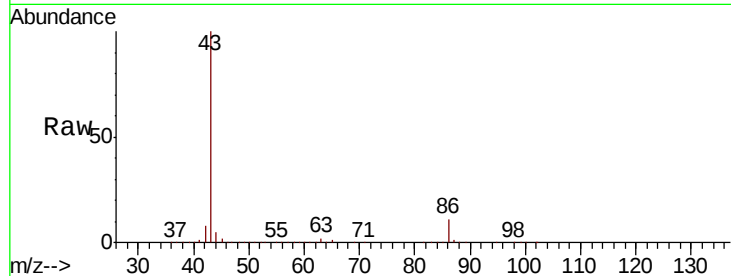
VSTDCCC050

Tot Ion: 43 Resp: 1865766

Ion Ratio Lower Upper

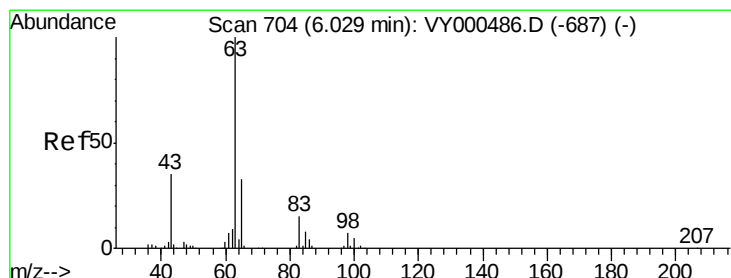
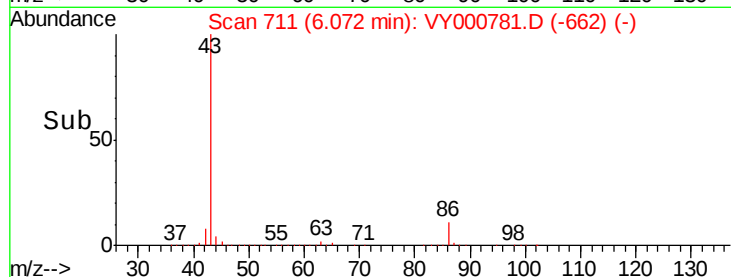
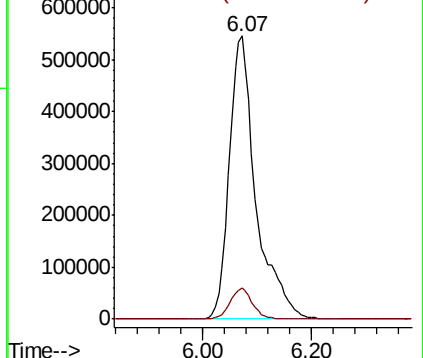
43 100

86 10.8 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: 51.088 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

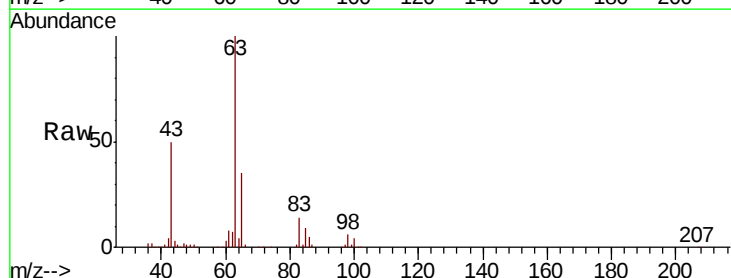
Tgt Ion: 63 Resp: 323904

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

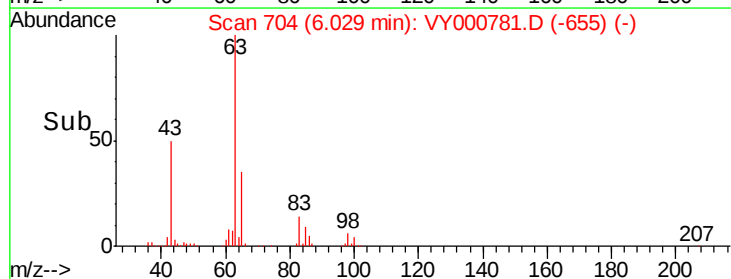
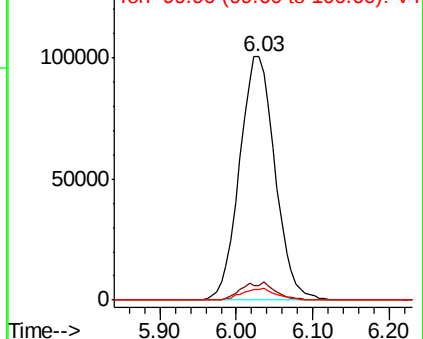
100 4.3 2.4 7.1

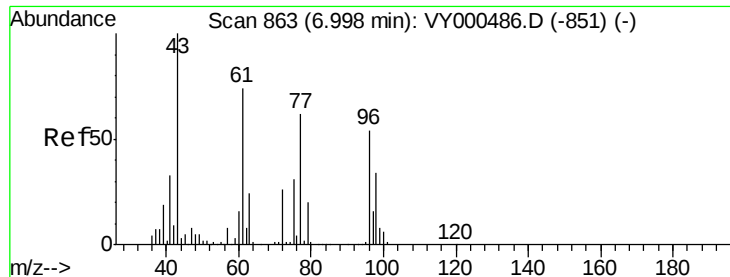


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 276.046 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

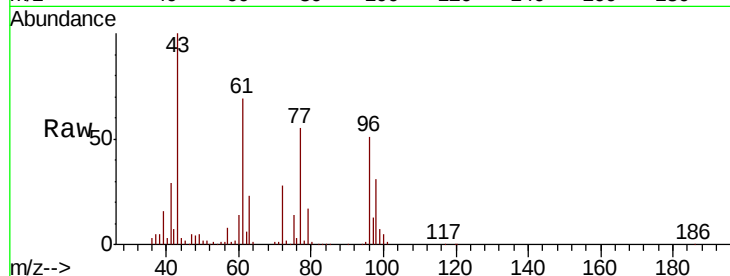
VSTDCCC050

Tot Ion: 43 Resp: 416548

Ion Ratio Lower Upper

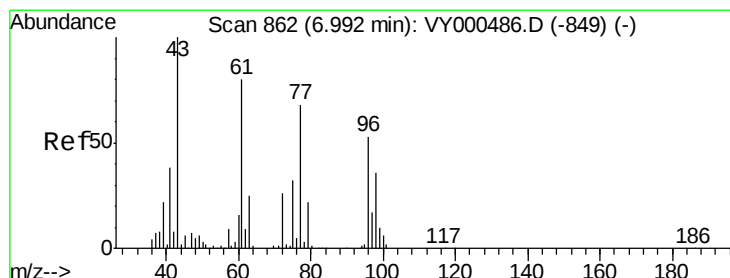
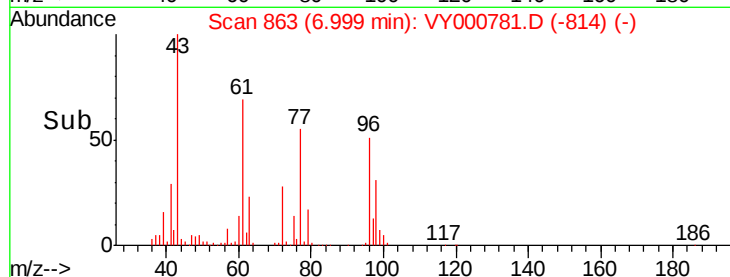
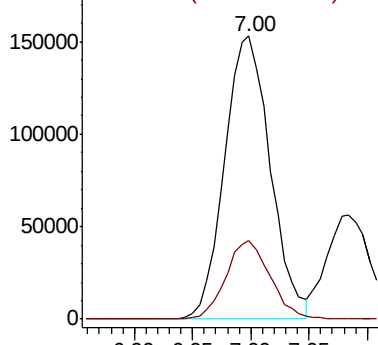
43 100

72 27.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.402 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000781.D

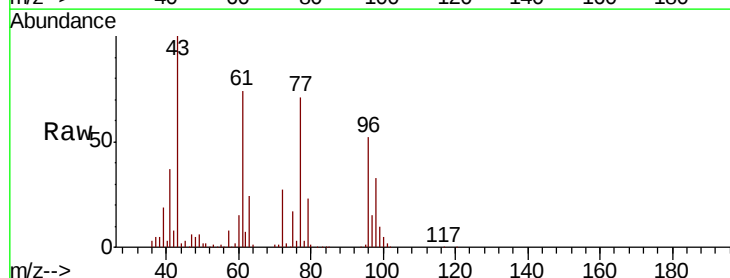
Acq: 22 Nov 2019 10:11

Tgt Ion: 77 Resp: 280443

Ion Ratio Lower Upper

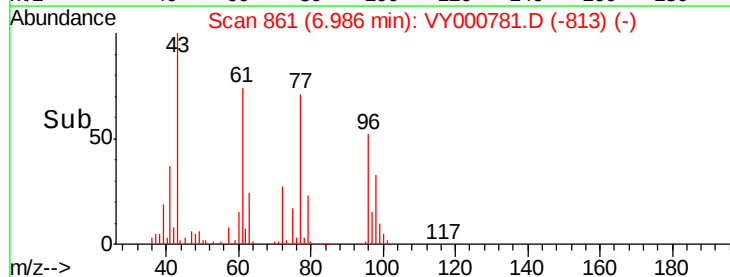
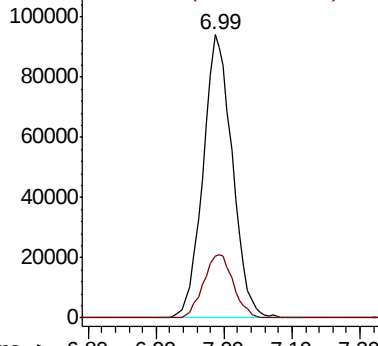
77 100

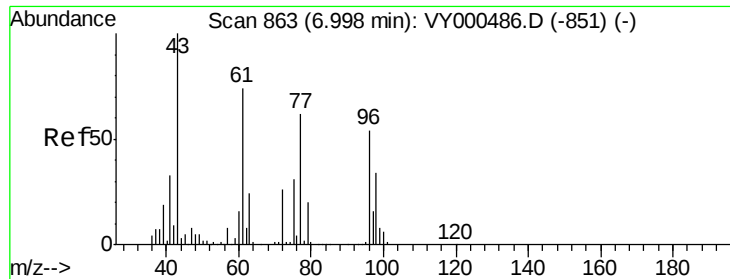
97 22.8 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



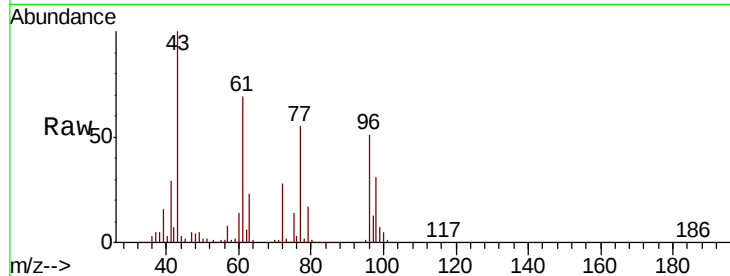


#27

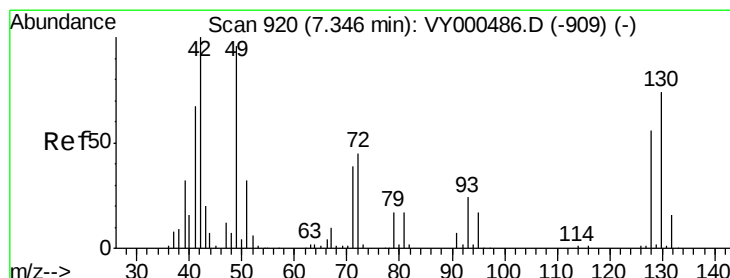
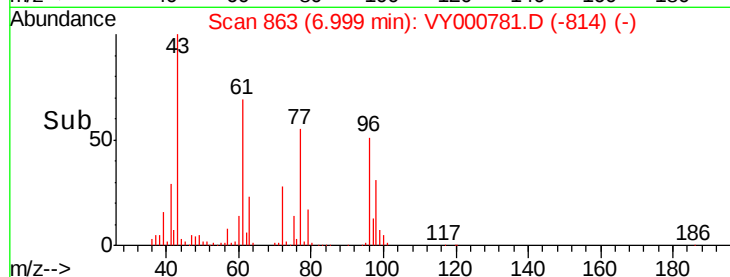
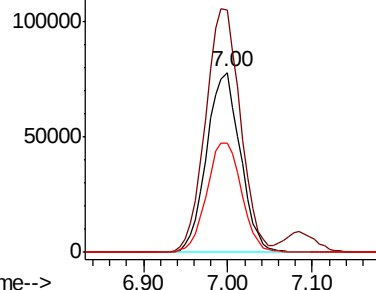
cis-1,2-Dichloroethene
Concen: 51.323 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 210087
Ion Ratio Lower Upper
96 100
61 140.5 0.0 287.0
98 63.0 0.0 129.4



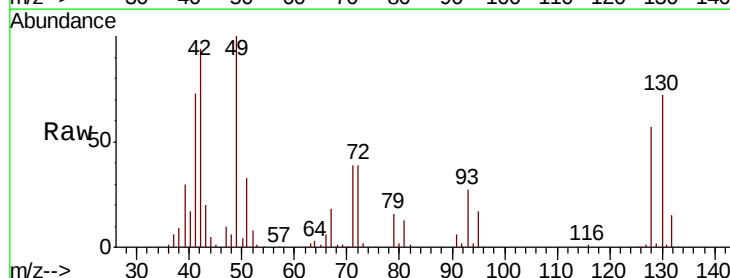
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



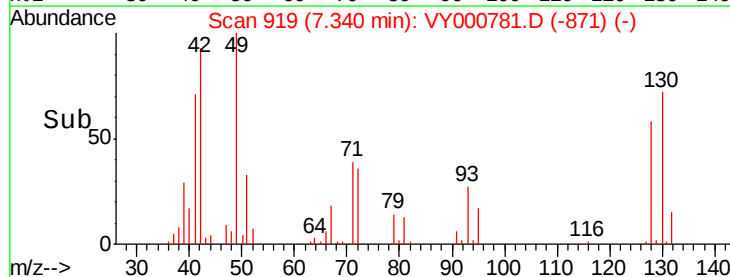
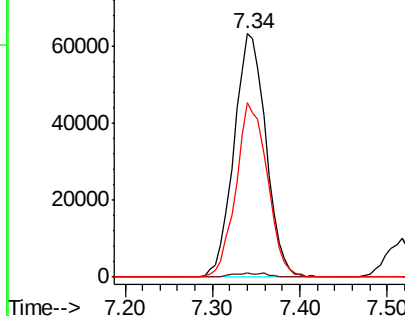
#28

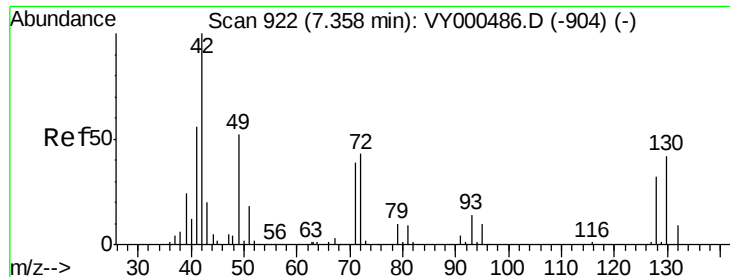
Bromochloromethane
Concen: 54.973 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 49 Resp: 160236
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 70.5 59.4 89.0



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





#29

Tetrahydrofuran

Concen: 256.329 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

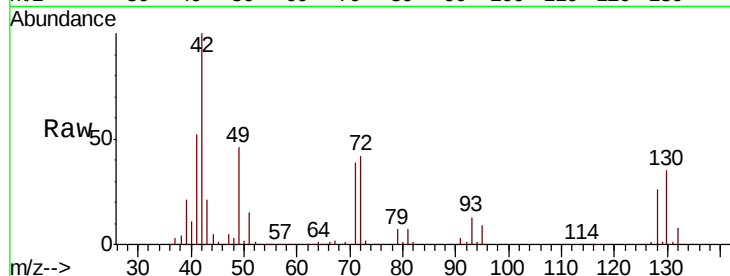
Tot Ion: 42 Resp: 236627

Ion Ratio Lower Upper

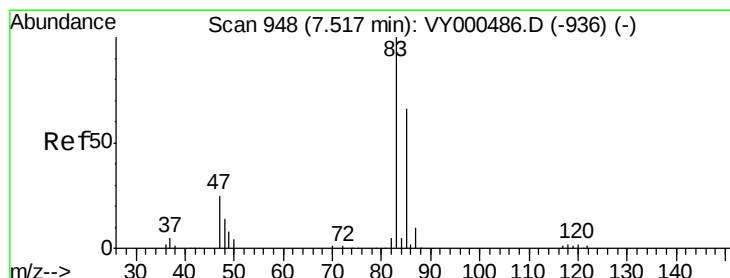
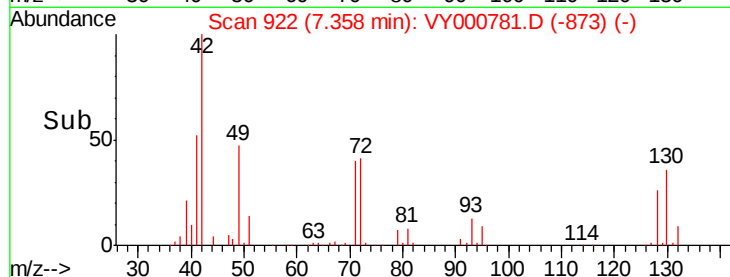
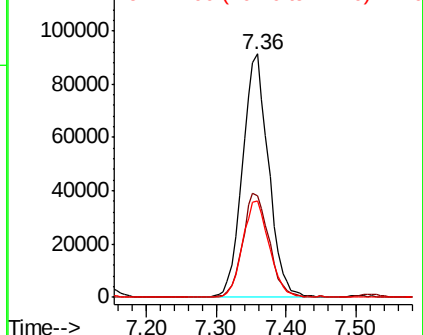
42 100

72 43.2 34.0 51.0

71 40.3 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: 49.221 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY000781.D

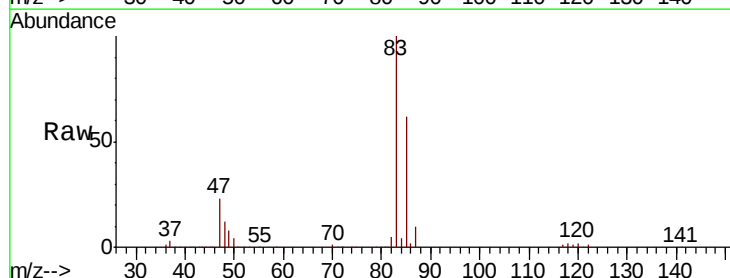
Acq: 22 Nov 2019 10:11

Tgt Ion: 83 Resp: 315689

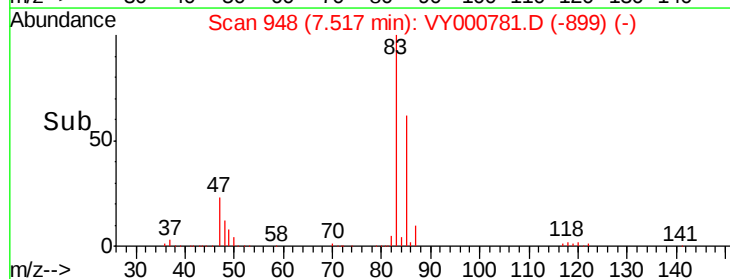
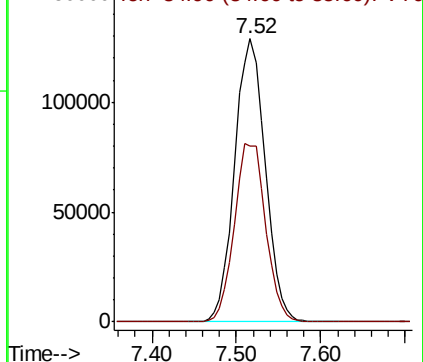
Ion Ratio Lower Upper

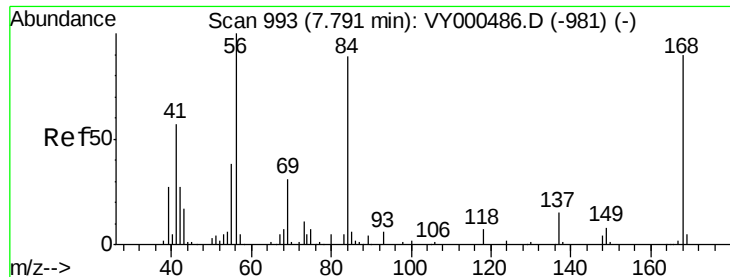
83 100

85 62.3 53.0 79.4



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

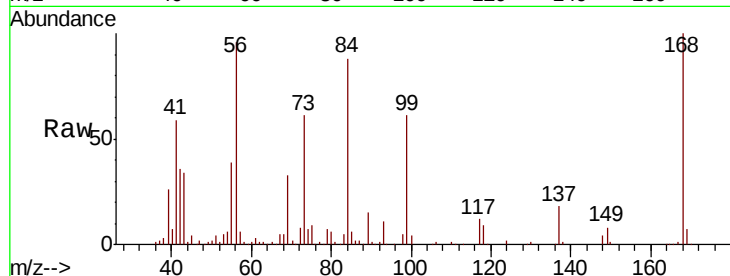




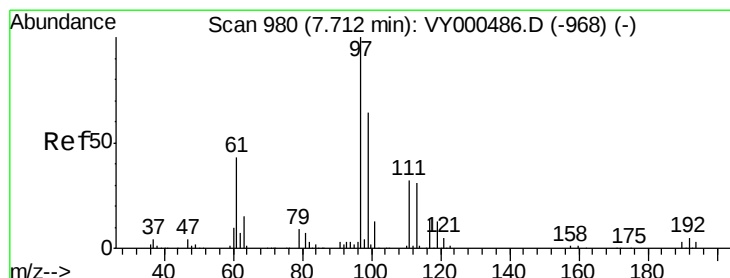
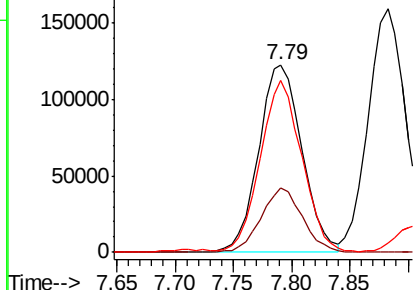
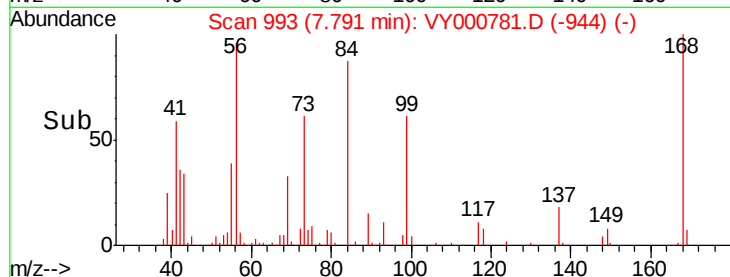
#31
Cyclohexane
Concen: 47.698 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 316743
Ion Ratio Lower Upper
56 100
69 34.6 25.0 37.6
84 89.9 71.4 107.2

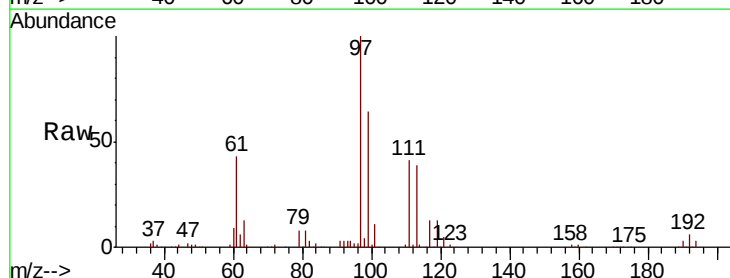


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

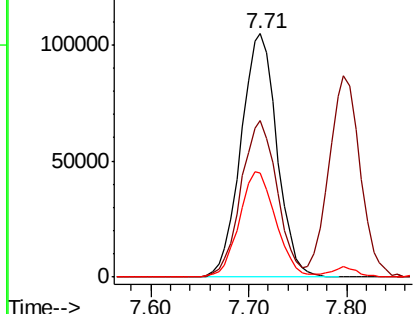
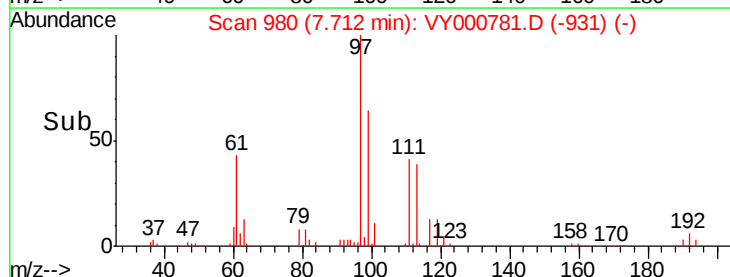


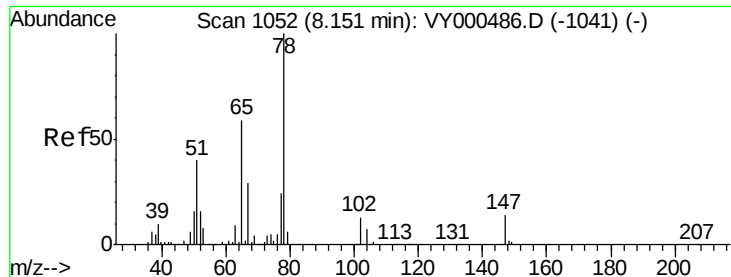
#32
1,1,1-Trichloroethane
Concen: 46.840 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 97 Resp: 267741
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 43.8 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

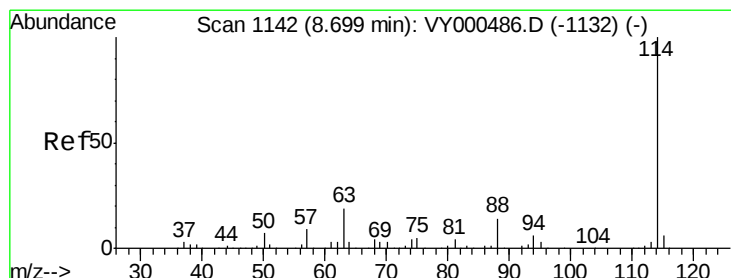
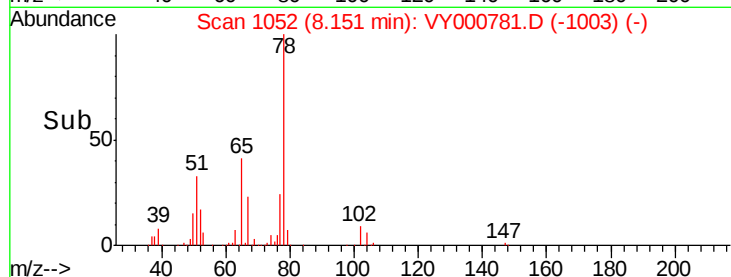
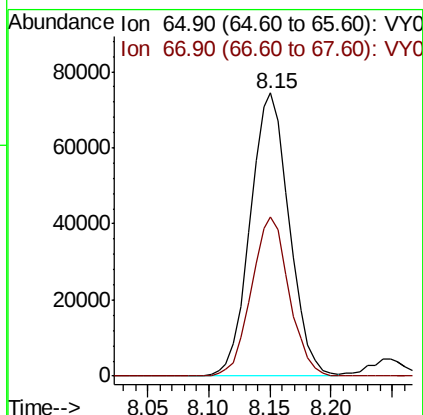
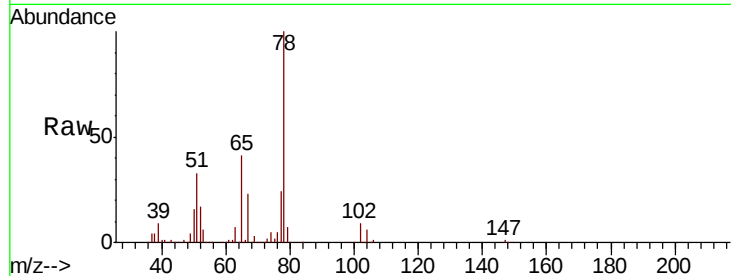




#33
 1,2-Dichloroethane-d4
 Concen: 48.036 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

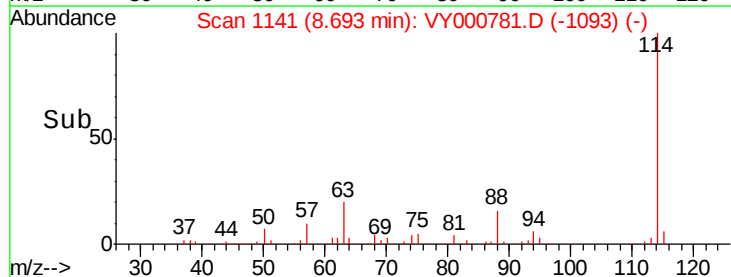
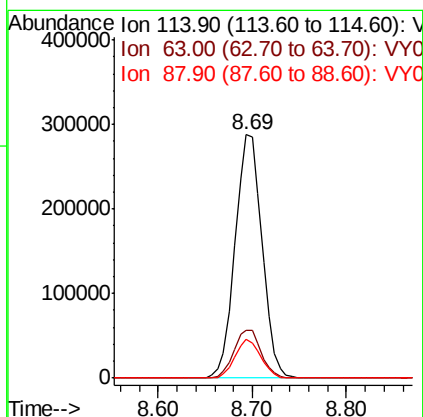
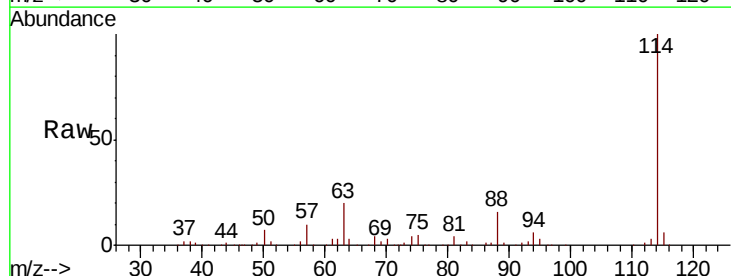
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

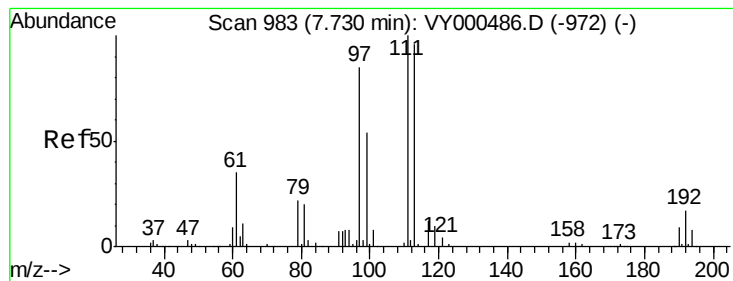
Tot Ion: 65 Resp: 164793
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion: 114 Resp: 572846
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 16.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 45.302 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

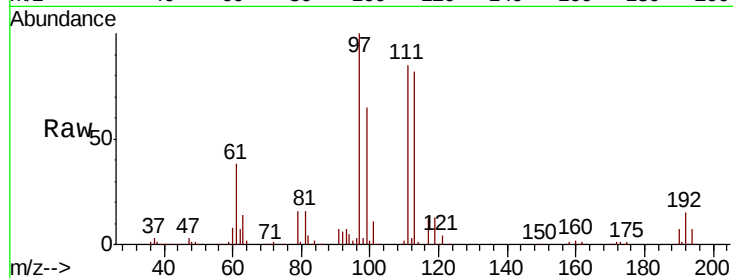
Tot Ion:113 Resp: 152348

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

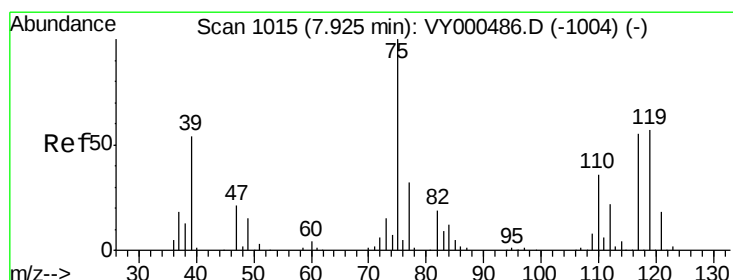
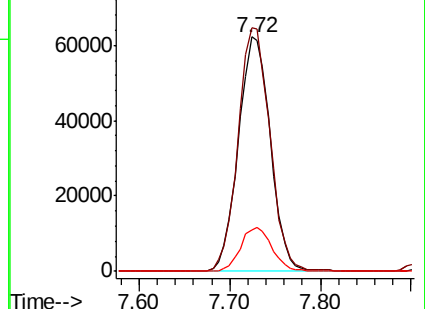
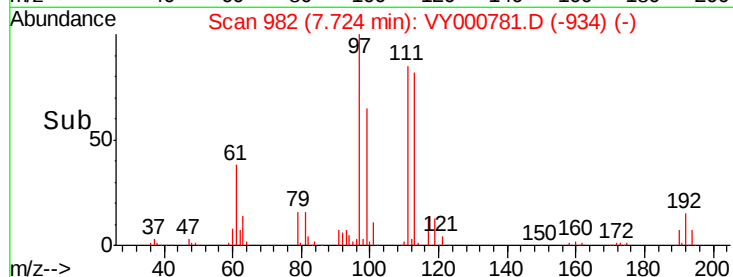
192 18.4 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.649 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

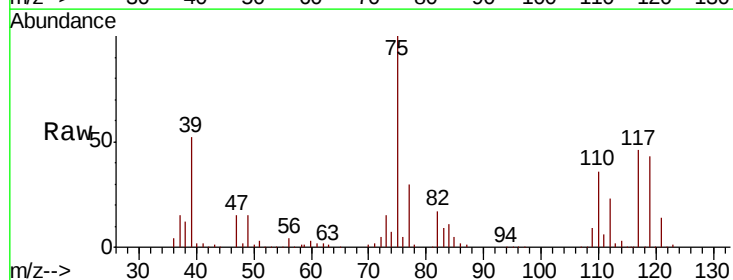
Tgt Ion: 75 Resp: 252624

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.1

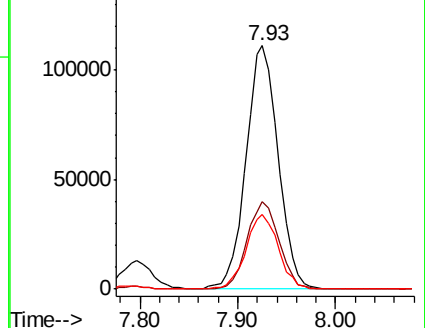
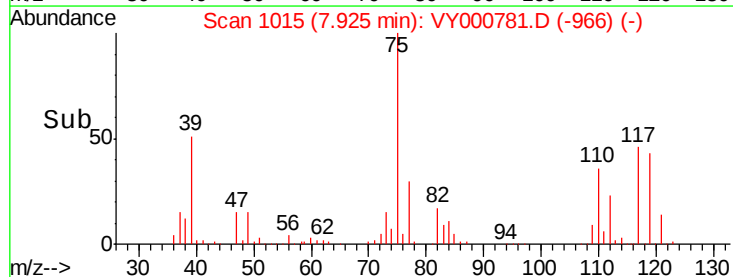
77 31.0 25.0 37.6

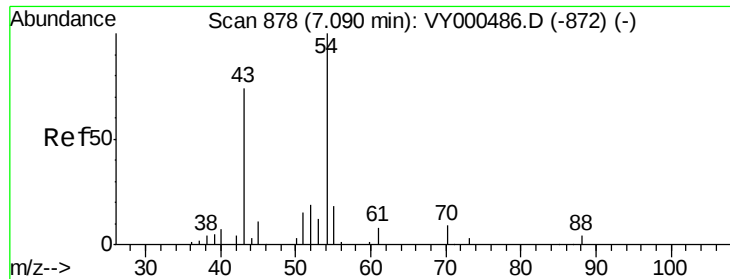


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 47.103 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

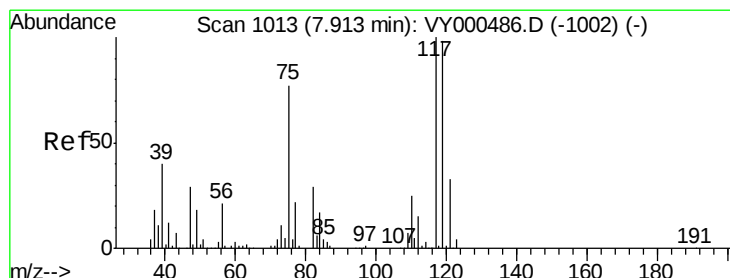
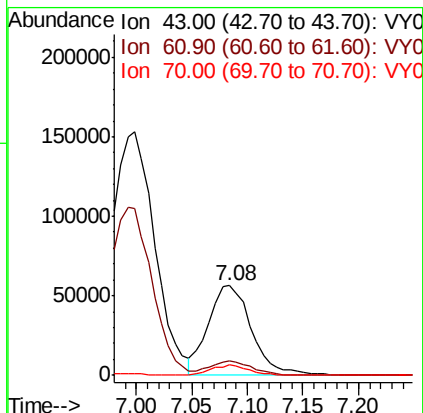
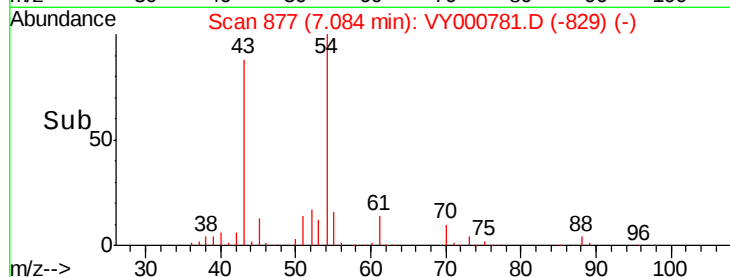
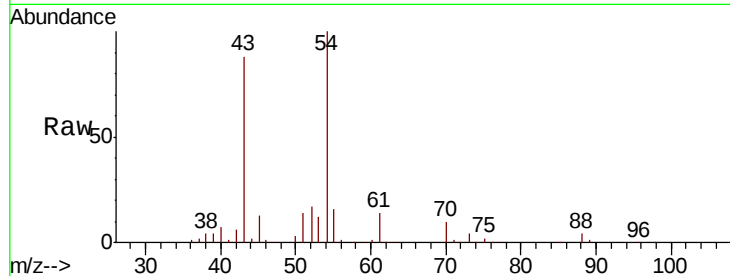
Tot Ion: 43 Resp: 151442

Ion Ratio Lower Upper

43 100

61 15.3 10.2 15.2#

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 45.087 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

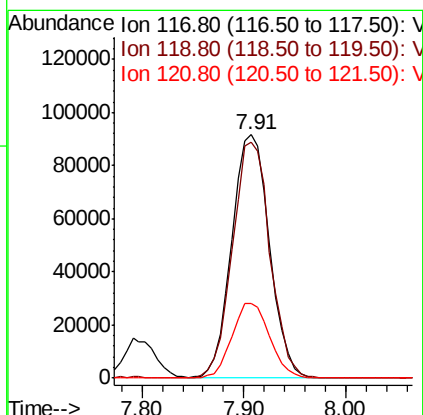
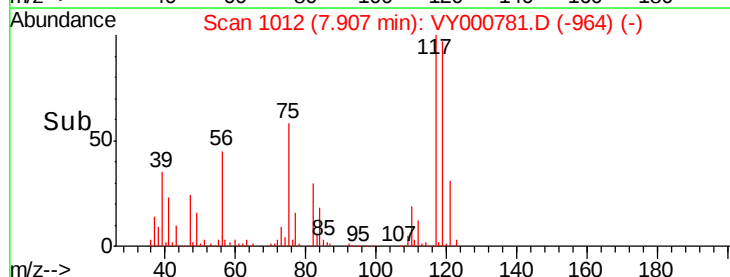
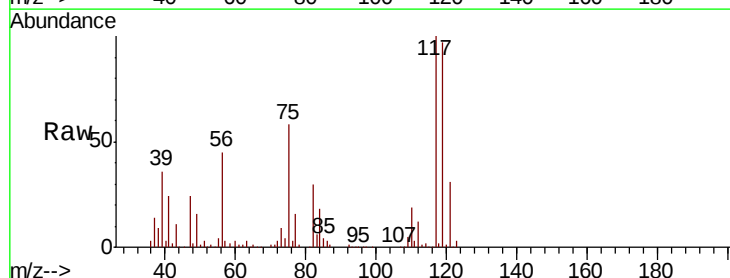
Tgt Ion: 117 Resp: 234943

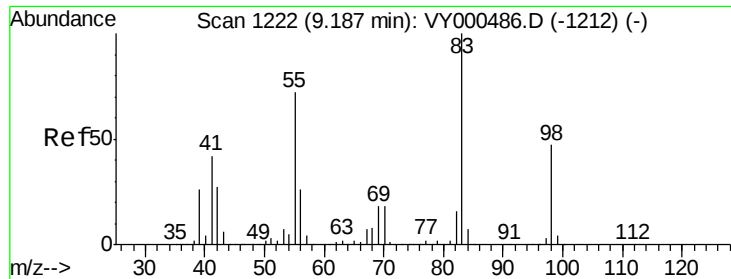
Ion Ratio Lower Upper

117 100

119 96.9 78.0 117.0

121 30.9 26.6 40.0

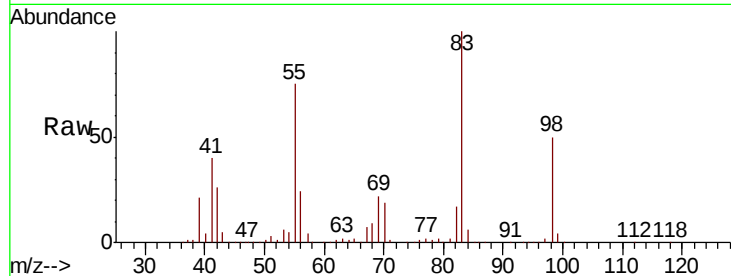




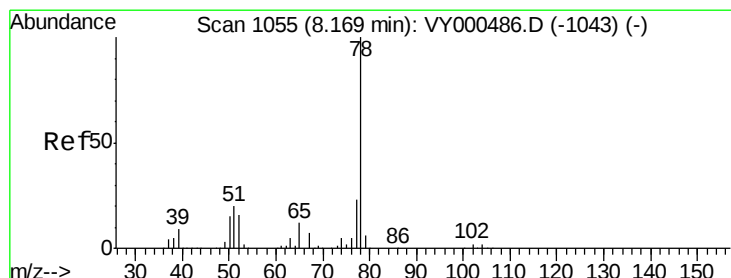
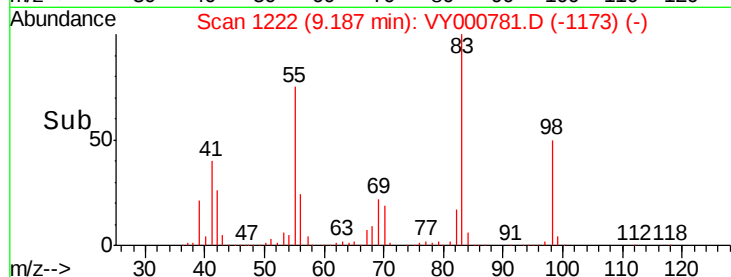
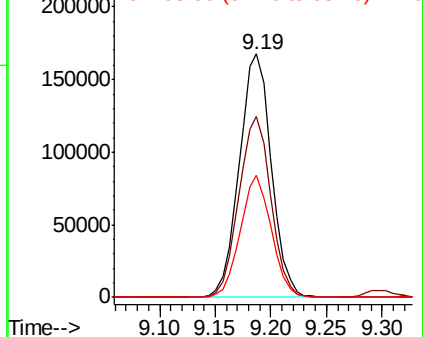
#39
Methvlcvclohexane
Concen: 47.838 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 334686
Ion Ratio Lower Upper
83 100
55 74.5 57.5 86.3
98 50.2 38.0 57.0

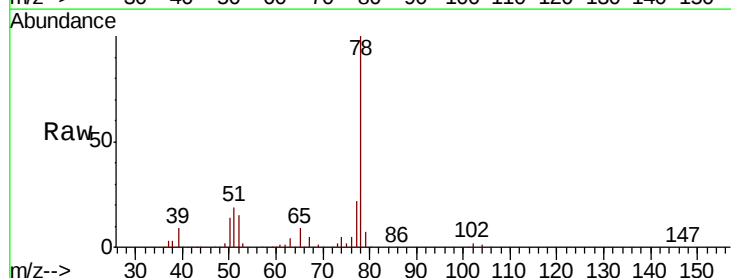


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

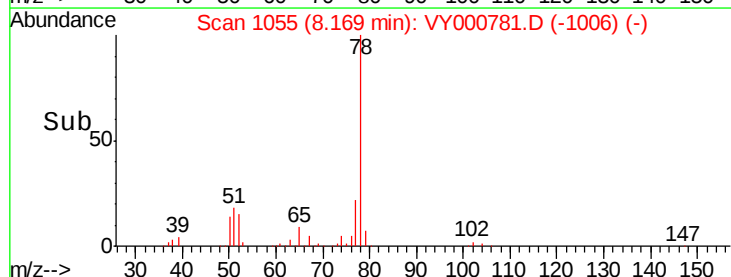
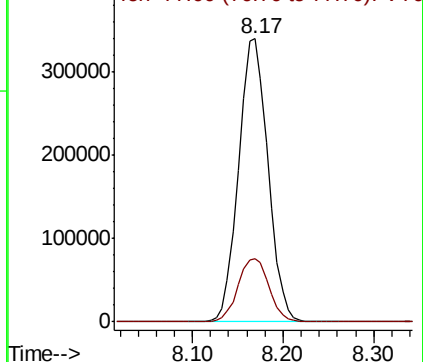


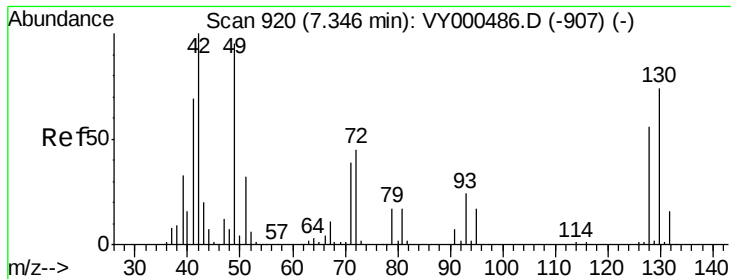
#40
Benzene
Concen: 47.959 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 78 Resp: 761441
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0



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

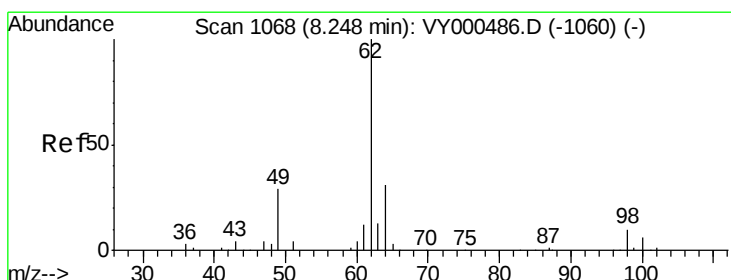
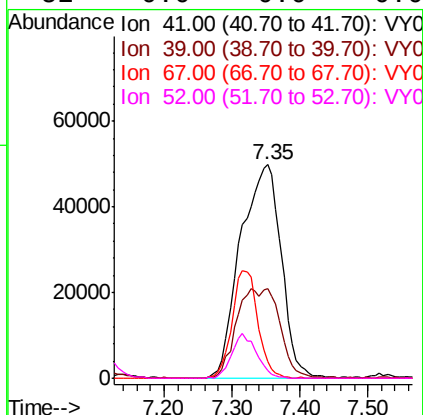
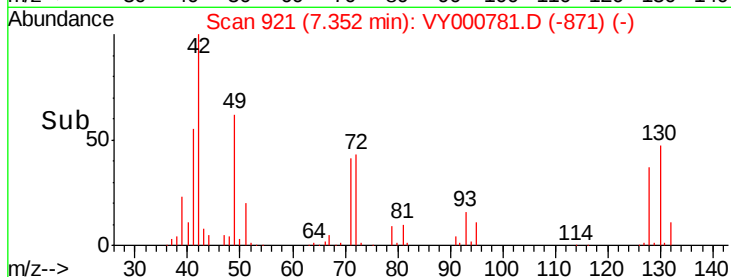
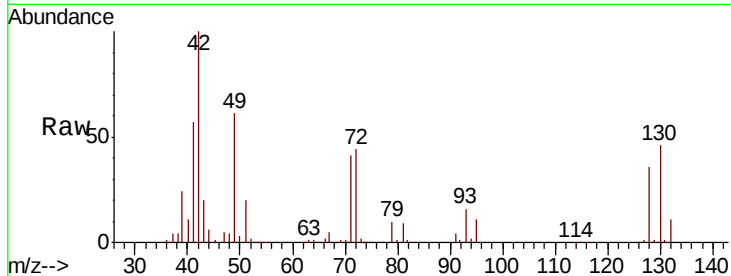




#41
Methacrylonitrile
Concen: 115.601 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

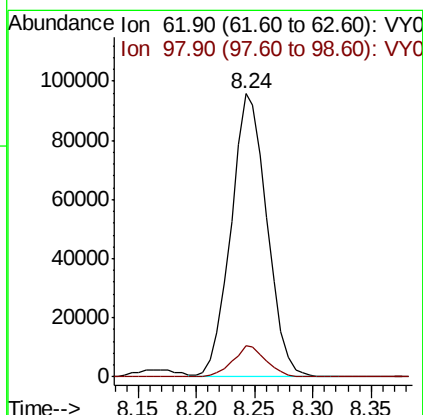
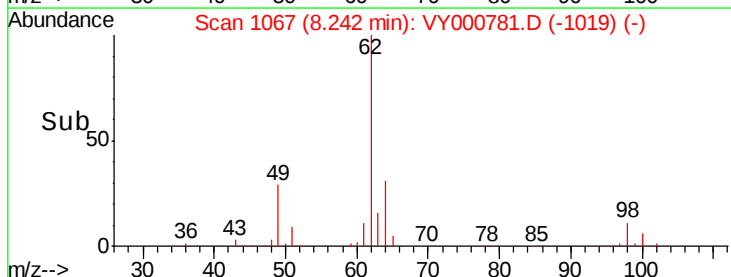
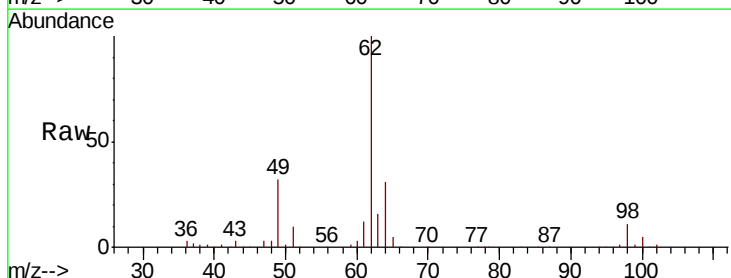
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

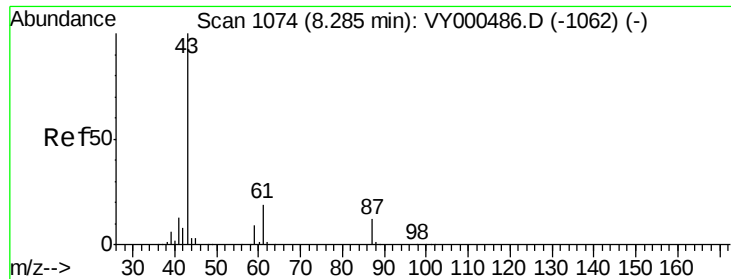
Tot Ion: 41 Resp: 207343
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 45.735 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 62 Resp: 205947
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 48.411 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

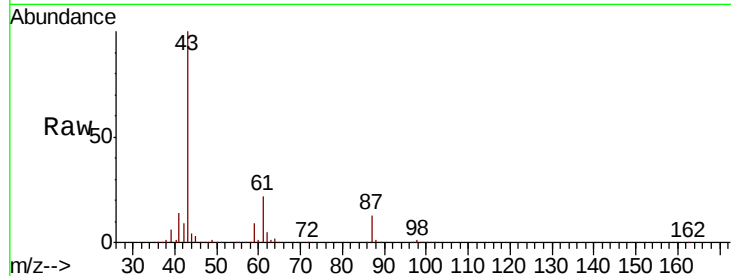
Tot Ion: 43 Resp: 292387

Ion Ratio Lower Upper

43 100

61 30.1 23.0 34.4

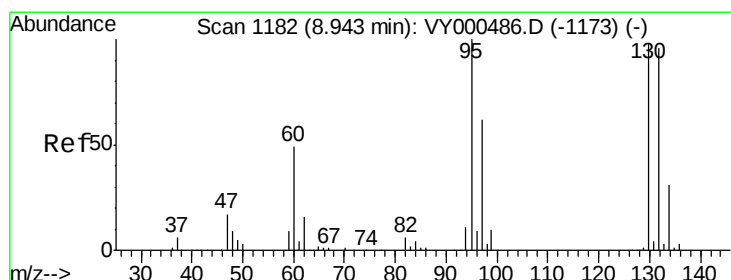
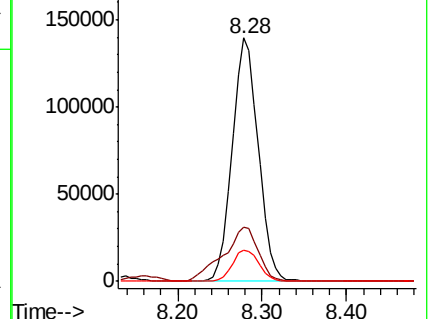
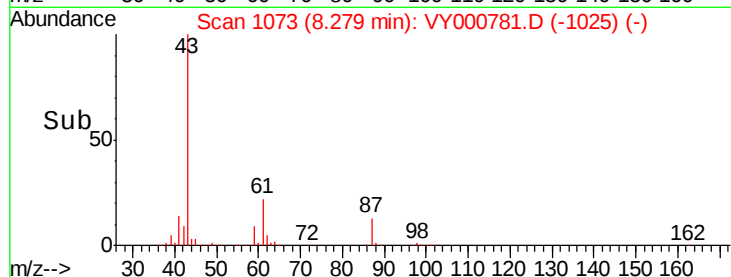
87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 48.365 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000781.D

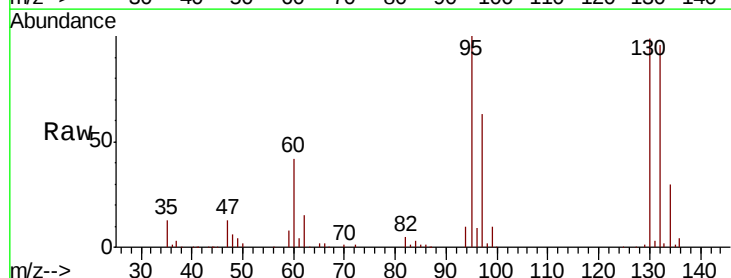
Acq: 22 Nov 2019 10:11

Tgt Ion:130 Resp: 202462

Ion Ratio Lower Upper

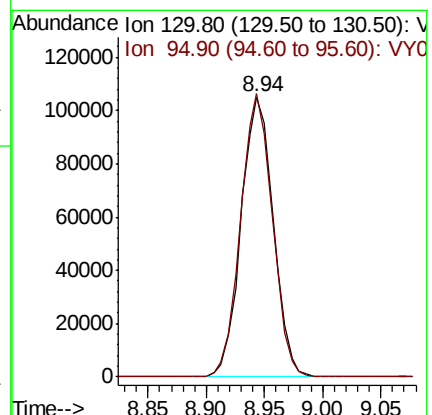
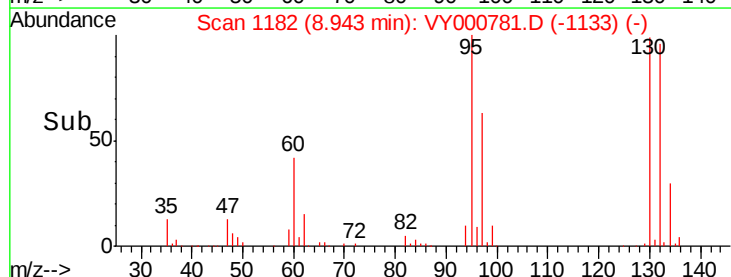
130 100

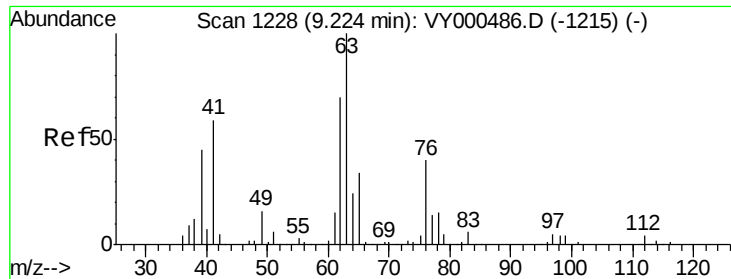
95 101.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

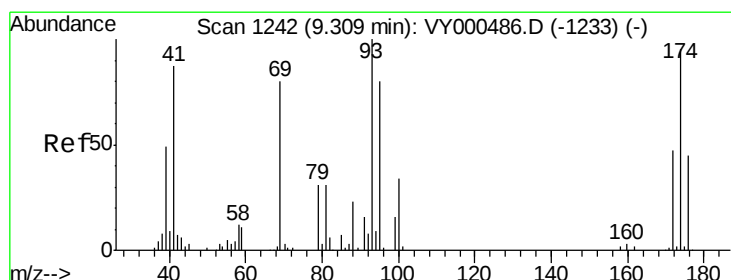
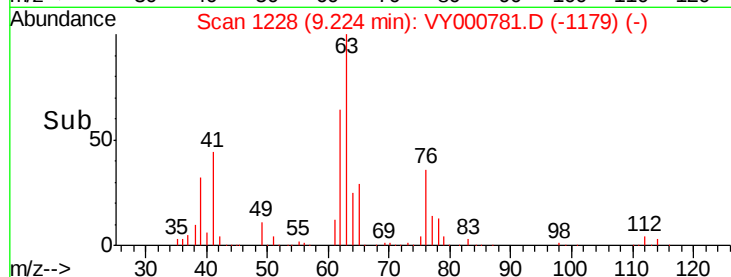
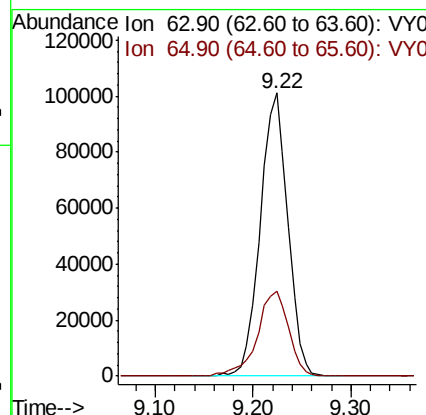
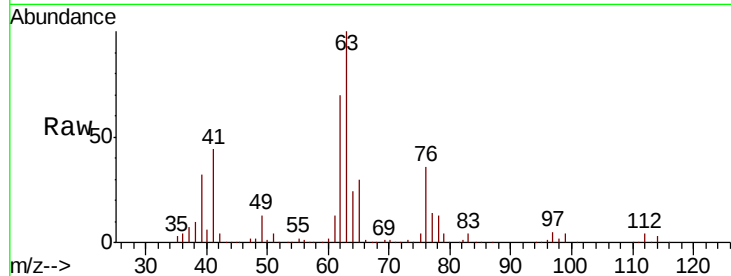




#45
 1,2-Dichloropropane
 Concen: 50.463 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

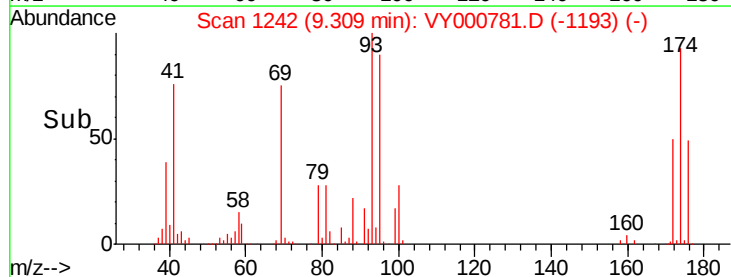
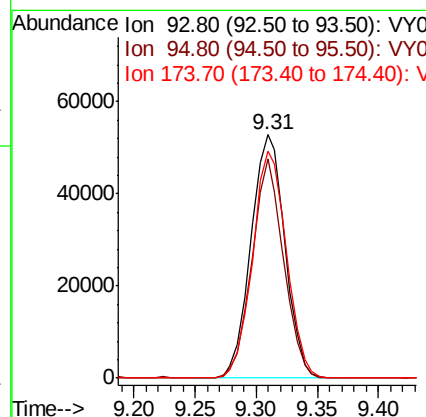
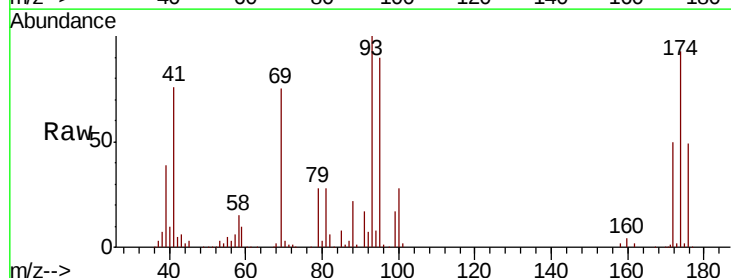
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

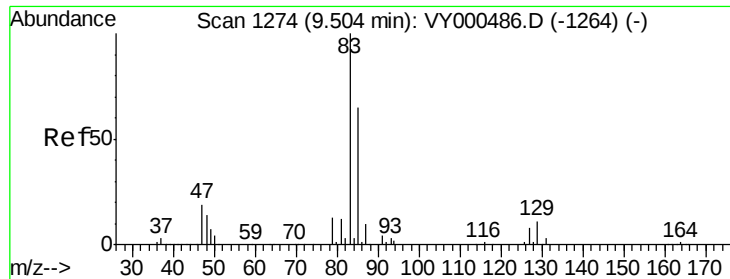
Tot Ion: 63 Resp: 197186
 Ion Ratio Lower Upper
 63 100
 65 30.2 27.0 40.4



#46
 Dibromomethane
 Concen: 47.444 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion: 93 Resp: 101957
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.4 99.6
 174 93.0 77.1 115.7





#47

Bromodichloromethane

Concen: 48.532 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

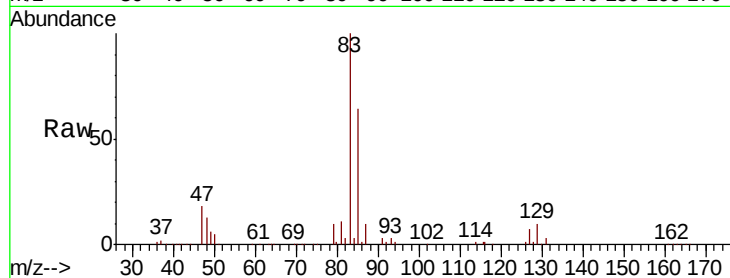
Tot Ion: 83 Resp: 247474

Ion Ratio Lower Upper

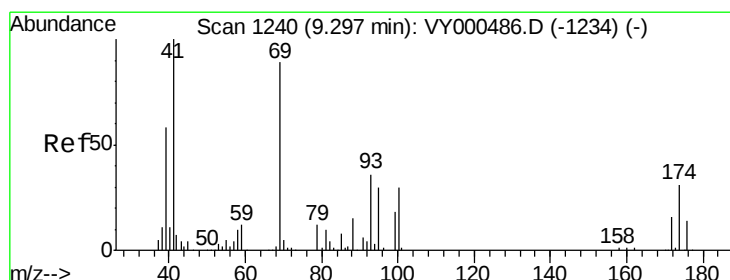
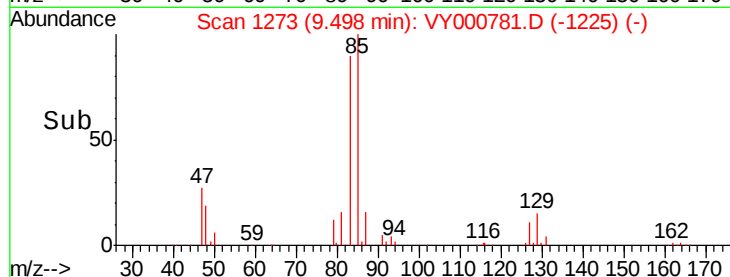
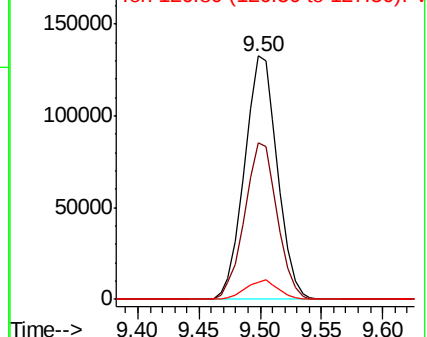
83 100

85 64.3 51.8 77.8

127 6.9 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): VY0



#48

Methyl methacrylate

Concen: 49.259 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

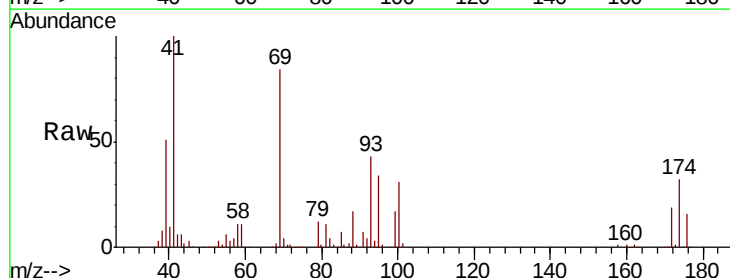
Tgt Ion: 41 Resp: 129989

Ion Ratio Lower Upper

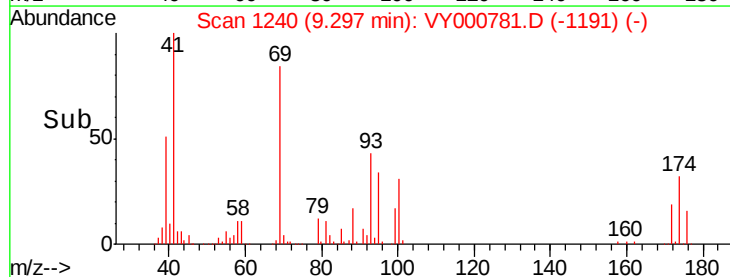
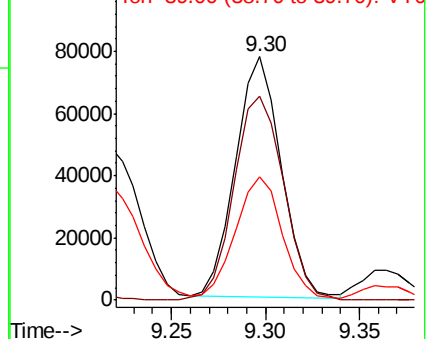
41 100

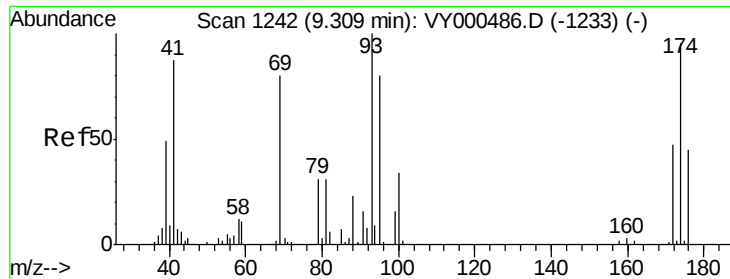
69 92.2 72.5 108.7

39 53.6 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

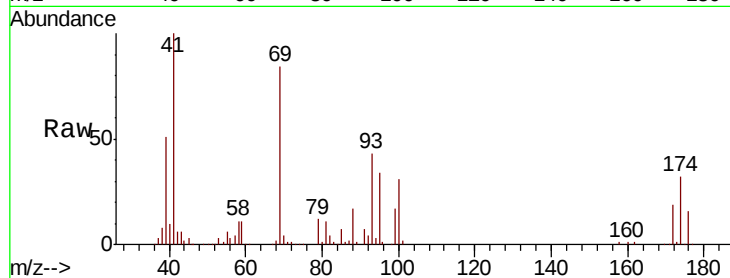




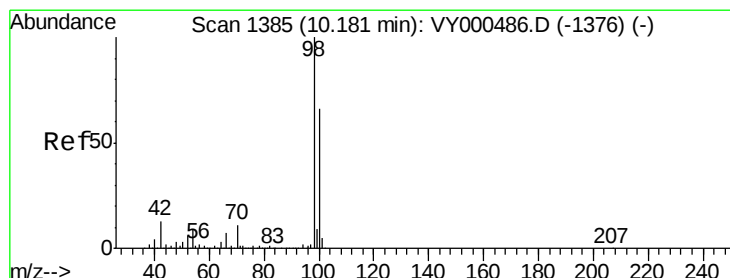
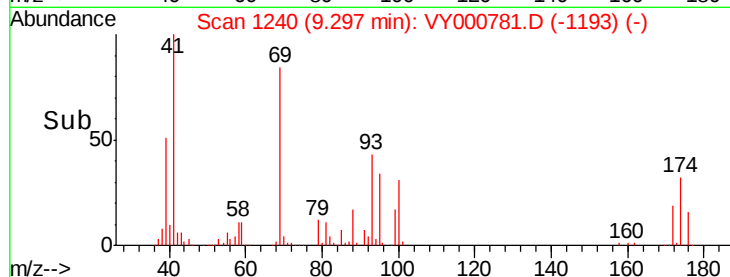
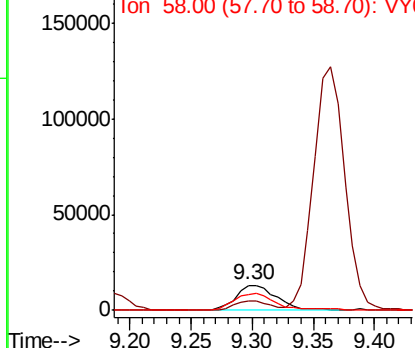
#49
1,4-Dioxane
Concen: 1037.361 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 30003
Ion Ratio Lower Upper
88 100
43 31.7 25.1 37.7
58 72.5 50.6 75.8

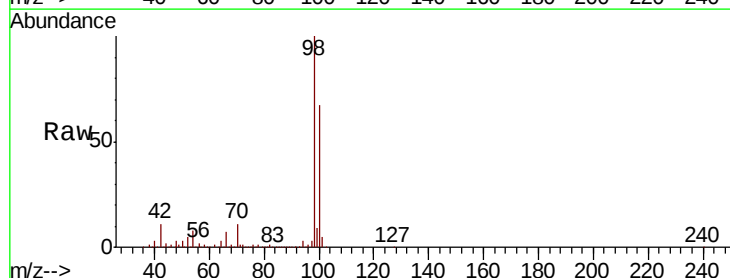


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

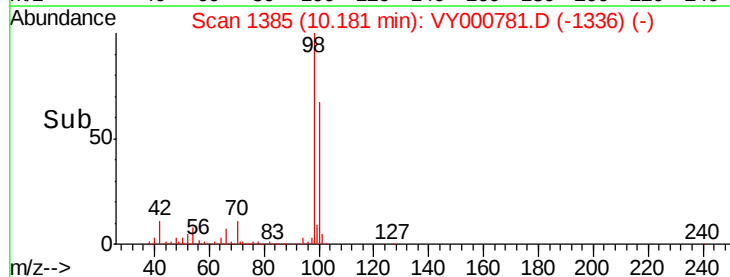
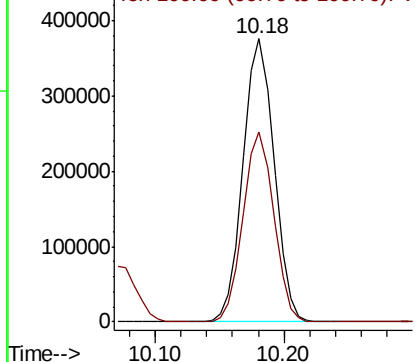


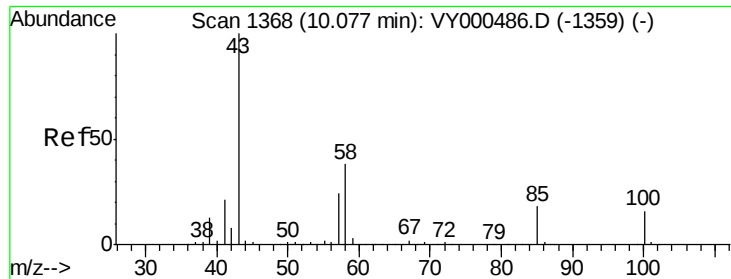
#50
Toluene-d8
Concen: 49.086 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 98 Resp: 626372
Ion Ratio Lower Upper
98 100
100 66.6 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: 243.404 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

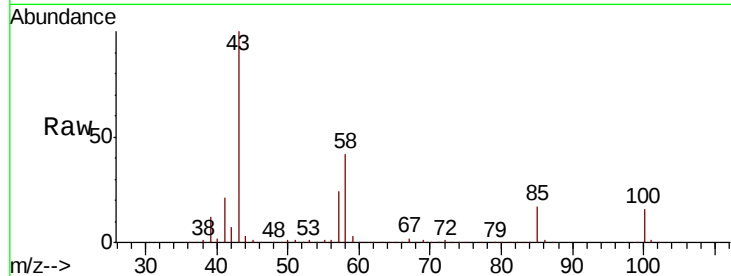
VSTDCCC050

Tot Ion: 43 Resp: 781606

Ion Ratio Lower Upper

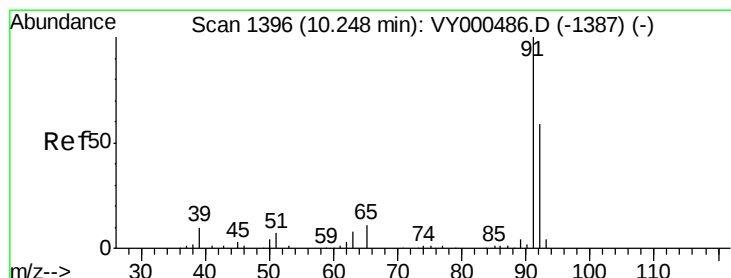
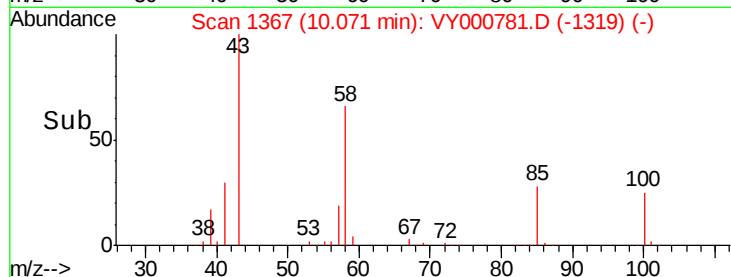
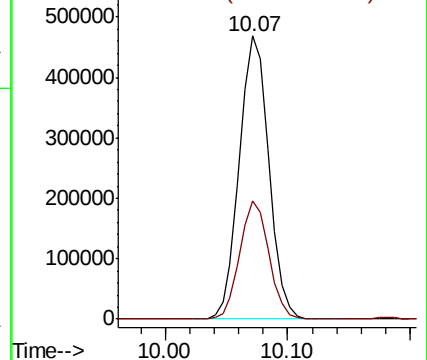
43 100

58 41.0 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 47.674 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000781.D

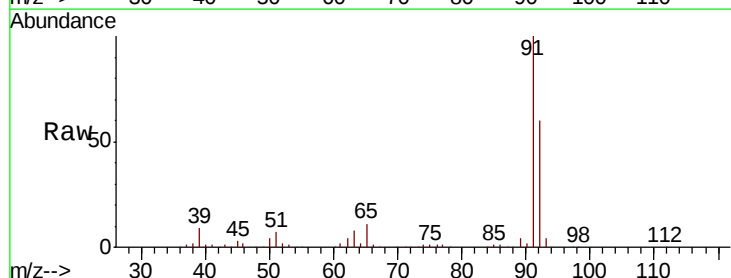
Acq: 22 Nov 2019 10:11

Tgt Ion: 92 Resp: 478542

Ion Ratio Lower Upper

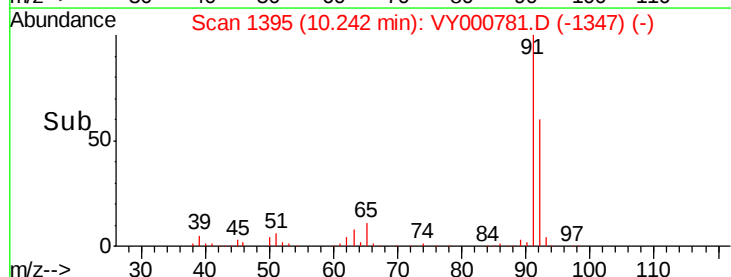
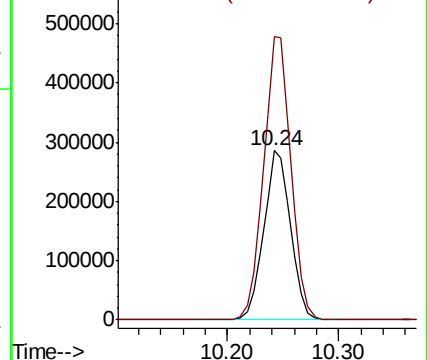
92 100

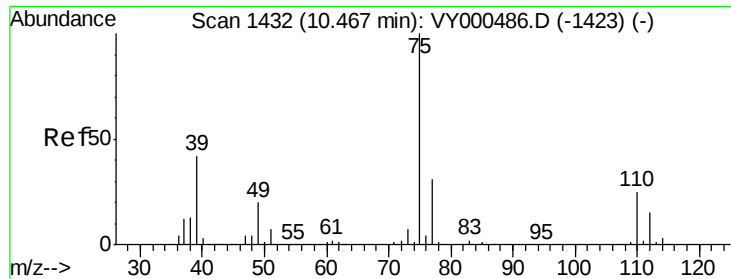
91 170.6 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 50.063 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

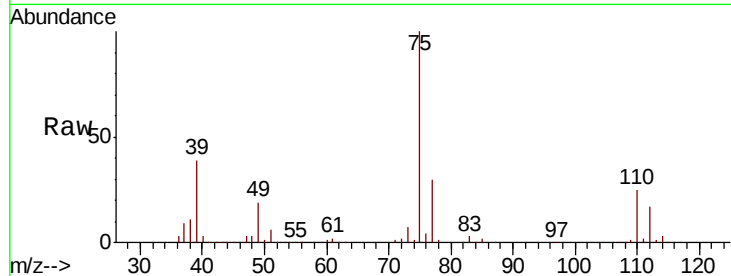
VSTDCCC050

Tot Ion: 75 Resp: 272765

Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

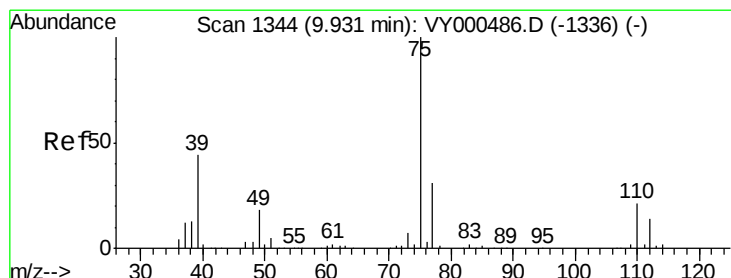
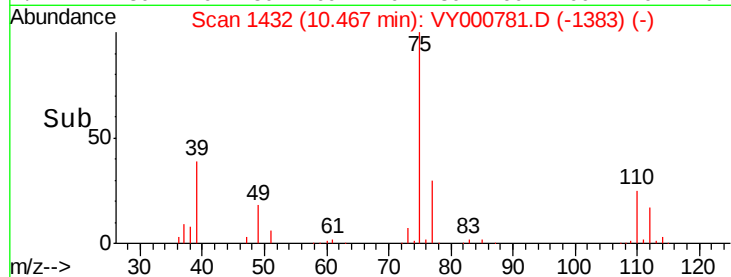
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.550 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

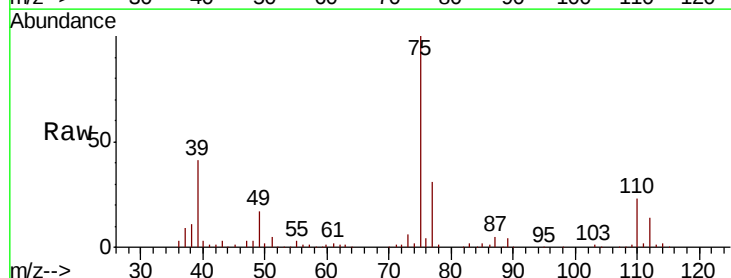
Tgt Ion: 75 Resp: 315522

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

39 40.7 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

9.93

250000

200000

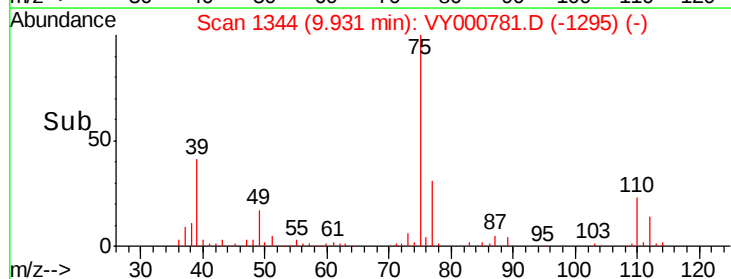
150000

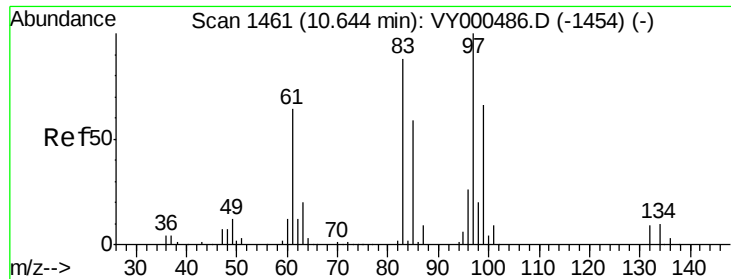
100000

50000

0

Time-->

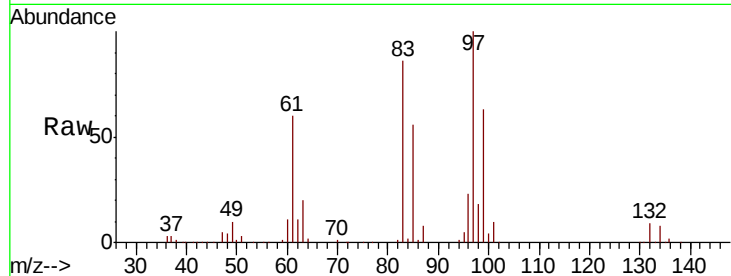




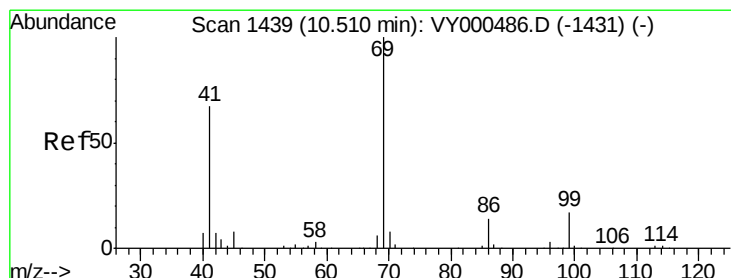
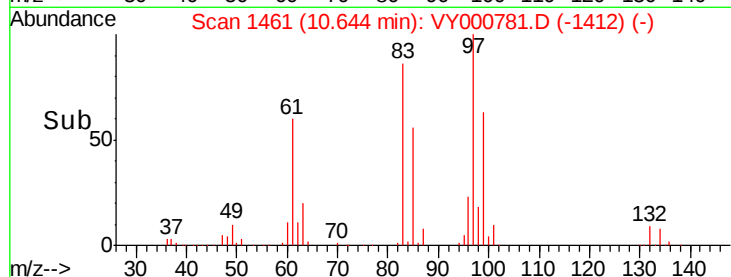
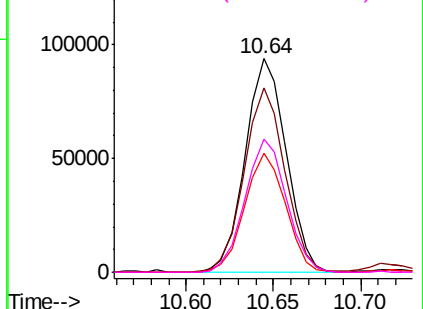
#55
 1,1,2-Trichloroethane
 Concen: 49.167 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 152825
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.2 105.4
 85 56.0 46.9 70.3
 99 62.6 52.6 78.8

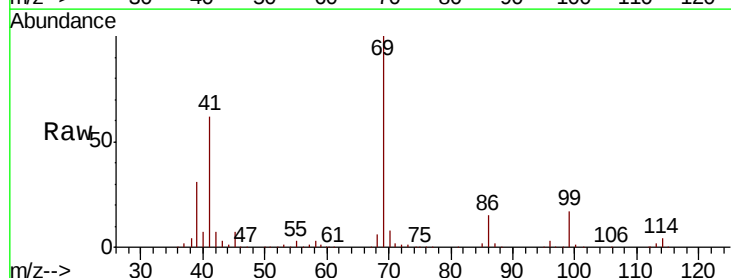


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

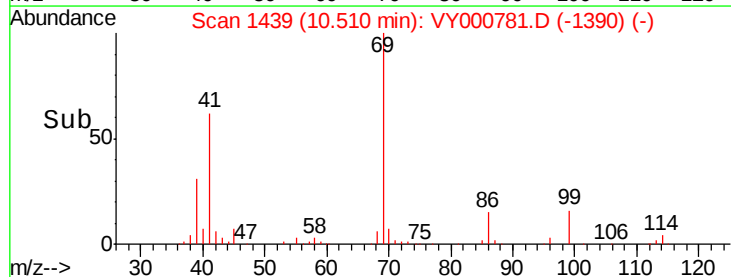
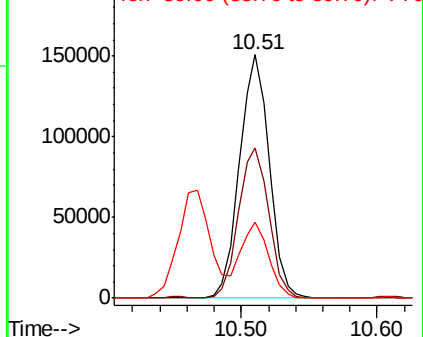


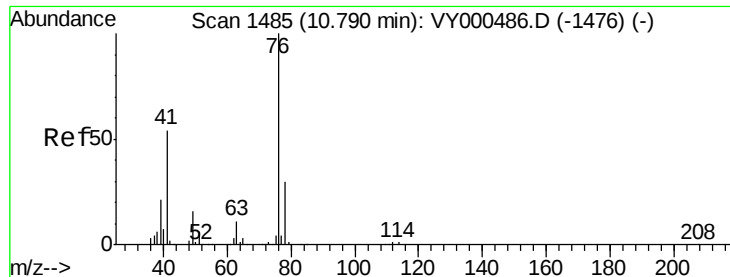
#56
 Ethyl methacrylate
 Concen: 52.179 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion: 69 Resp: 229874
 Ion Ratio Lower Upper
 69 100
 41 62.5 53.3 79.9
 39 28.5 28.0 42.0



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

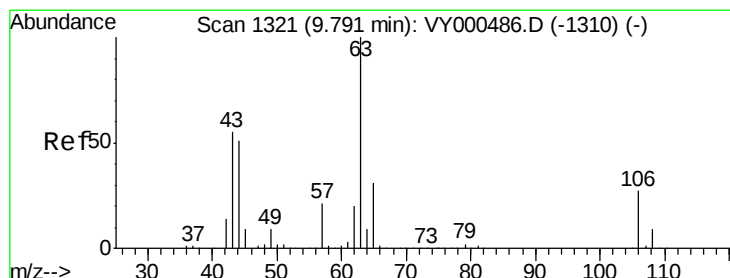
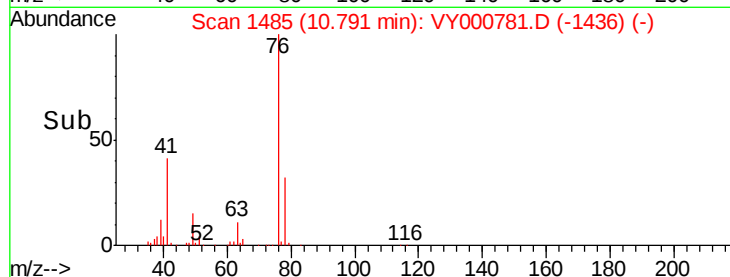
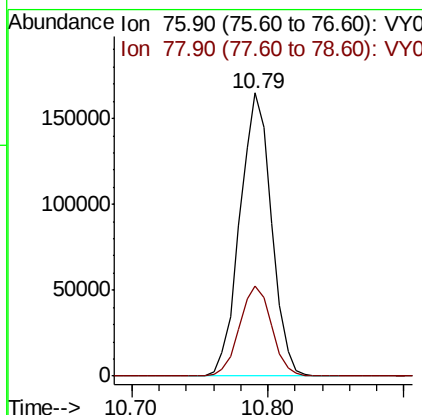
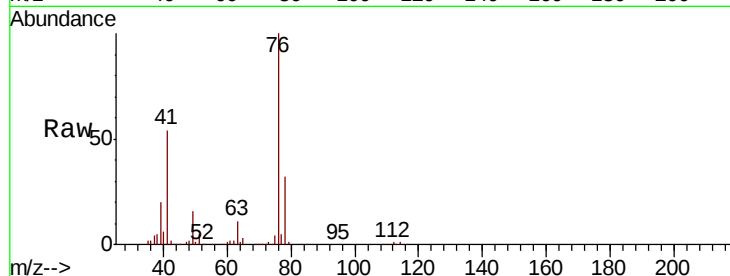




#57
 1,3-Dichloropropane
 Concen: 49.120 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

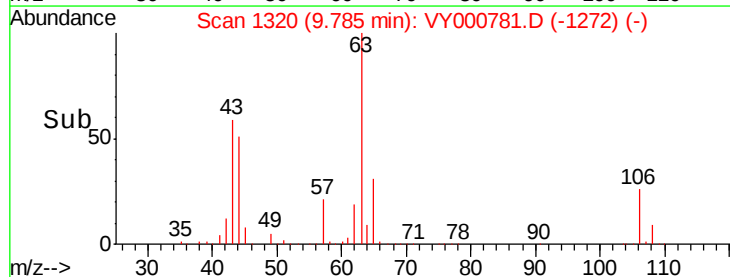
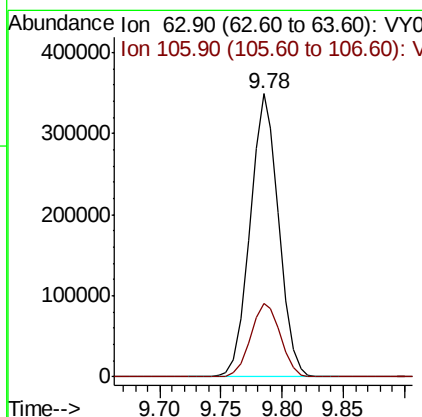
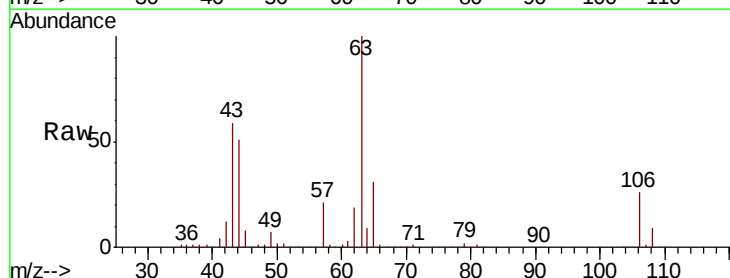
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

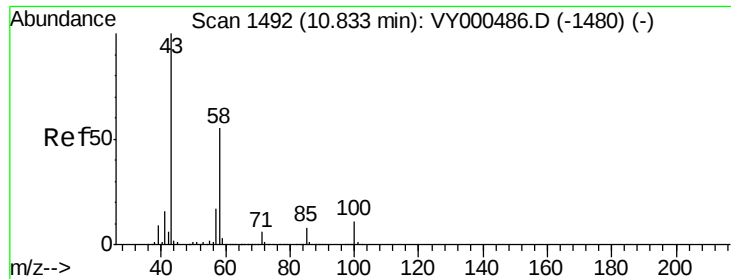
Tot Ion: 76 Resp: 267222
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.807 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion: 63 Resp: 567241
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.6 33.8

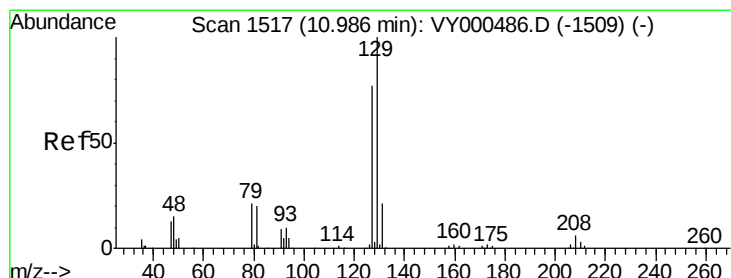
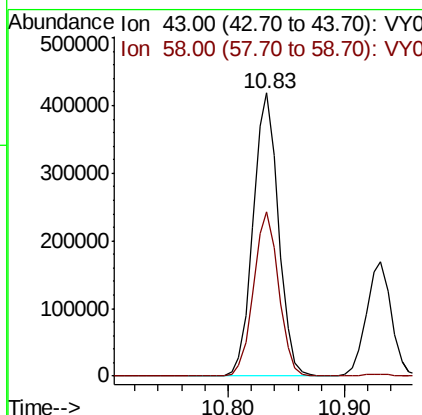
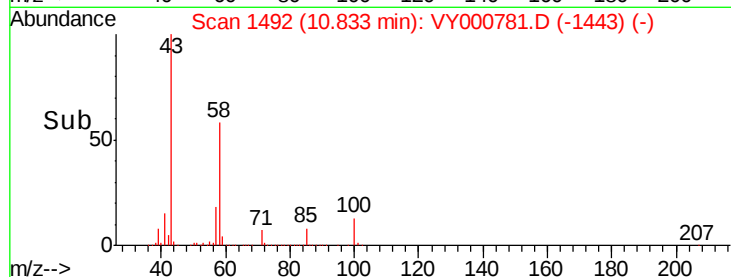
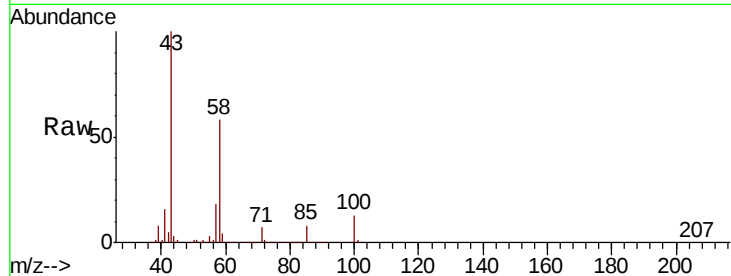




#59
2-Hexanone
Concen: 271.791 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

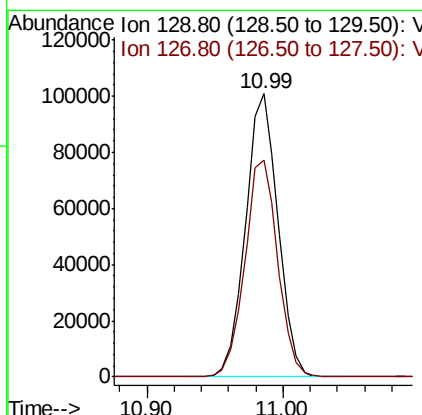
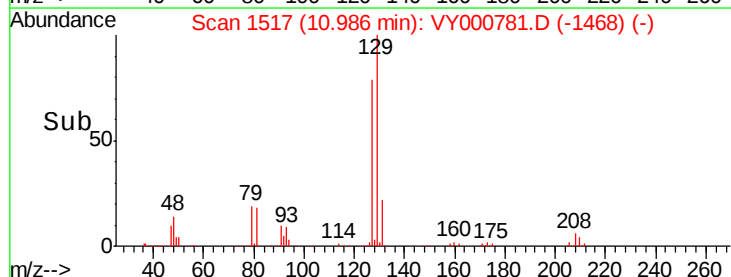
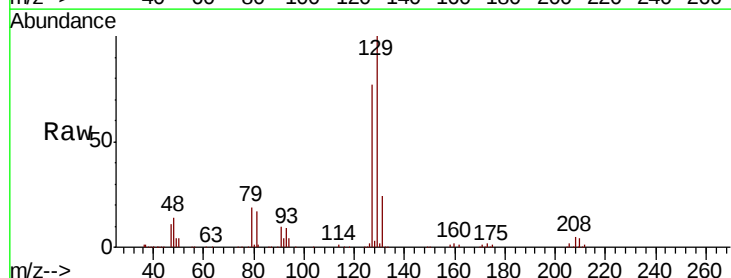
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

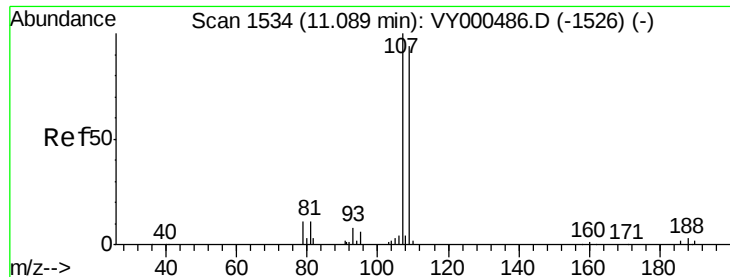
Tot Ion: 43 Resp: 635887
Ion Ratio Lower Upper
43 100
58 57.6 27.1 81.3



#60
Dibromochloromethane
Concen: 47.196 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 129 Resp: 168033
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.121 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

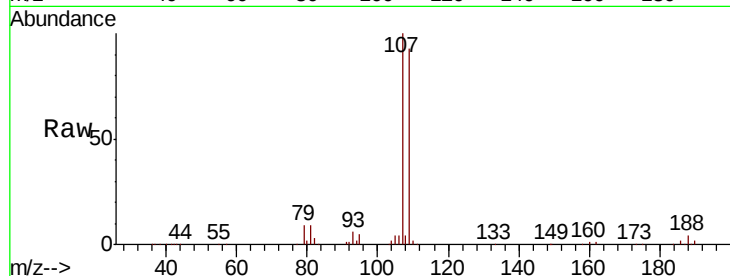
VSTDCCC050

Tot Ion: 107 Resp: 146802

Ion Ratio Lower Upper

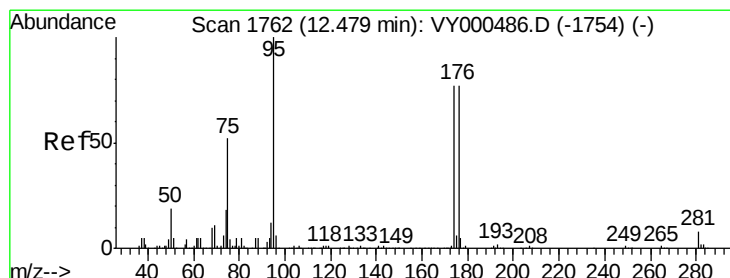
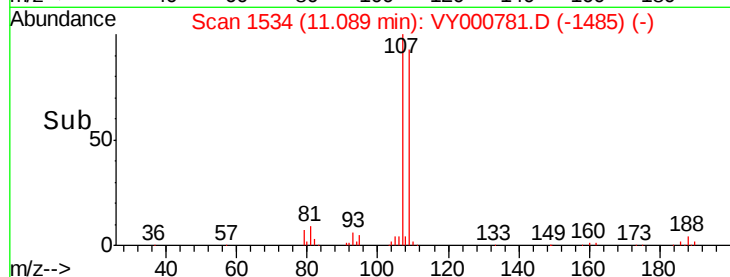
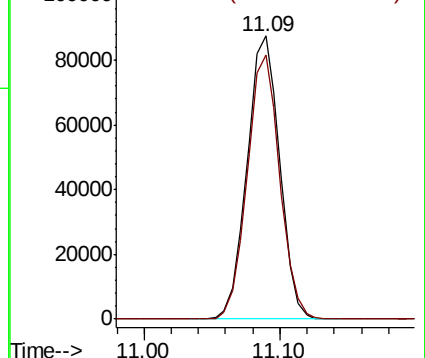
107 100

109 93.1 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.747 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

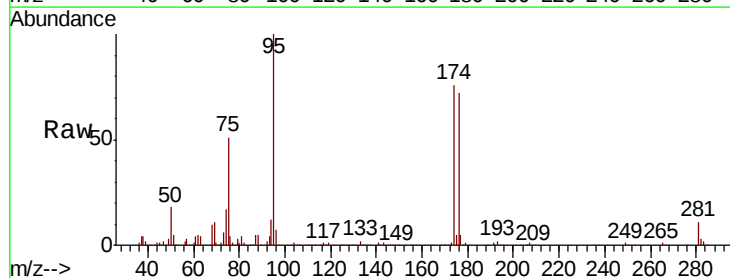
Tgt Ion: 95 Resp: 231953

Ion Ratio Lower Upper

95 100

174 75.2 0.0 161.6

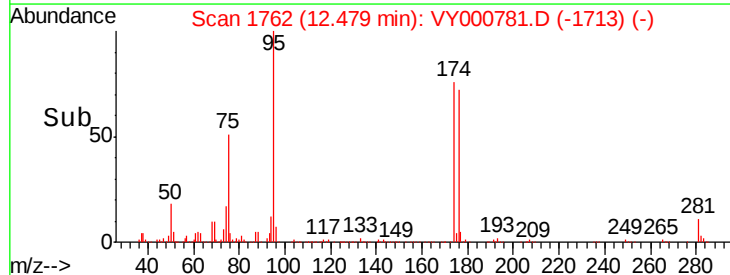
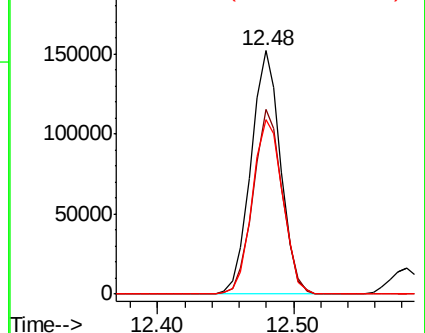
176 73.8 0.0 157.8

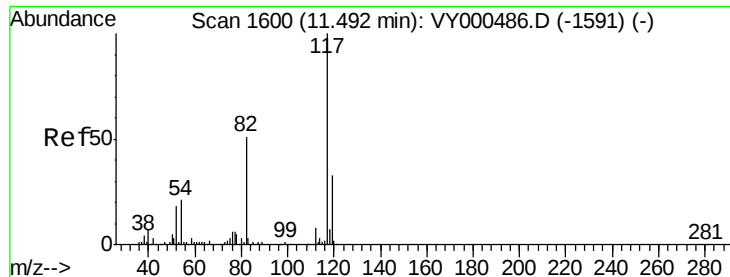


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

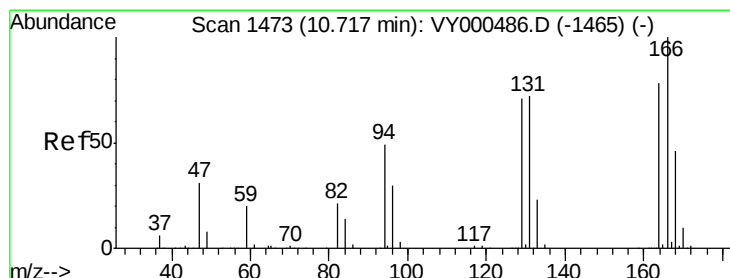
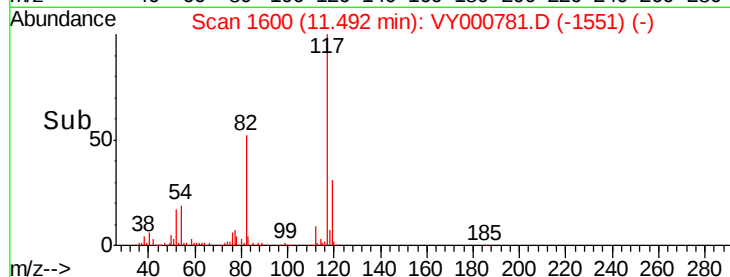
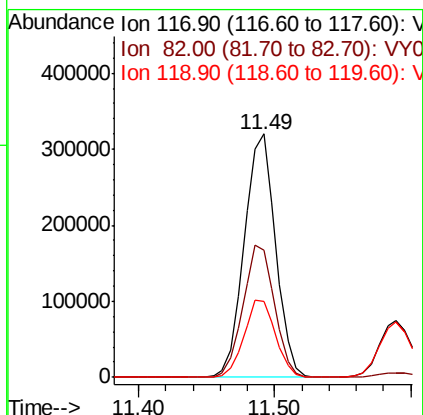
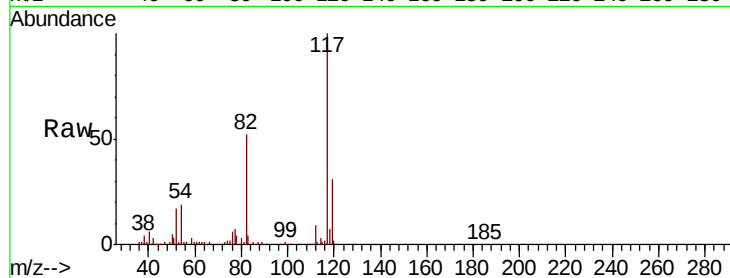




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

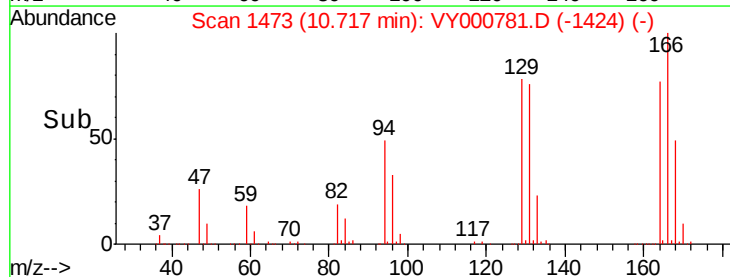
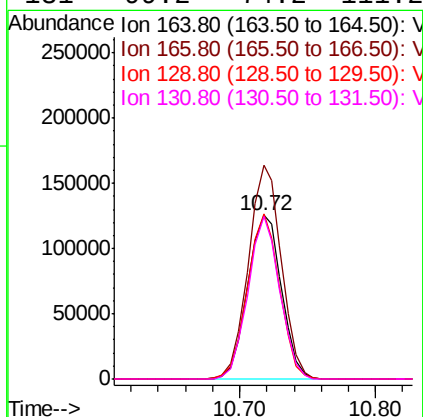
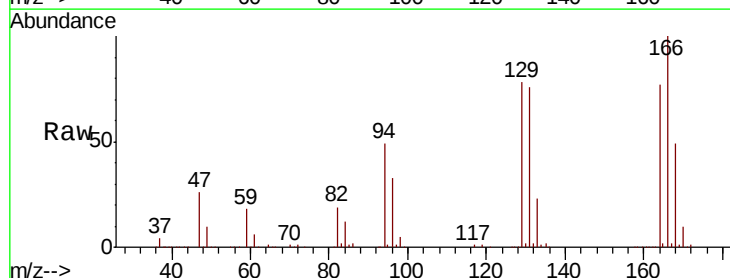
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

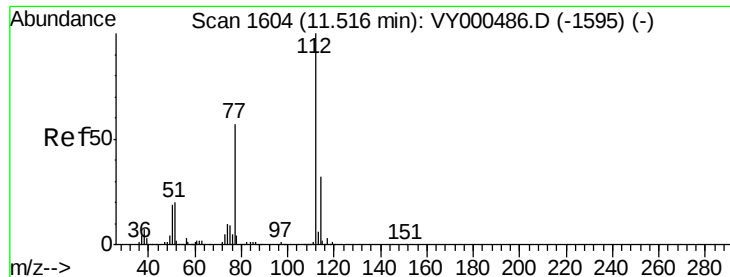
Tot Ion:117 Resp: 514367
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 31.1 26.2 39.2



#64
Tetrachloroethene
Concen: 51.453 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion:164 Resp: 218841
Ion Ratio Lower Upper
164 100
166 130.5 102.7 154.1
129 101.1 73.2 109.8
131 99.2 74.2 111.2

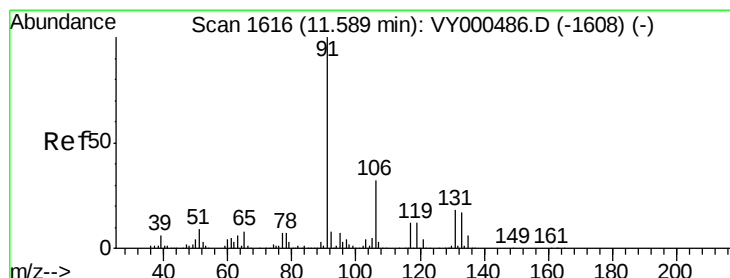
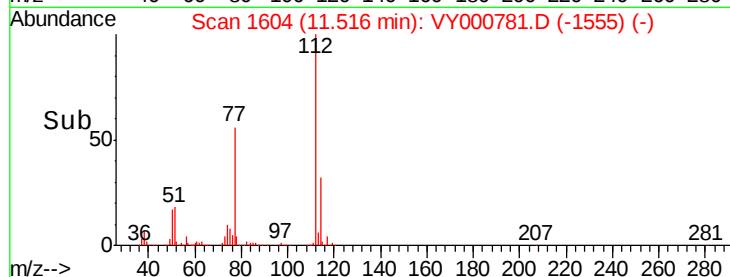
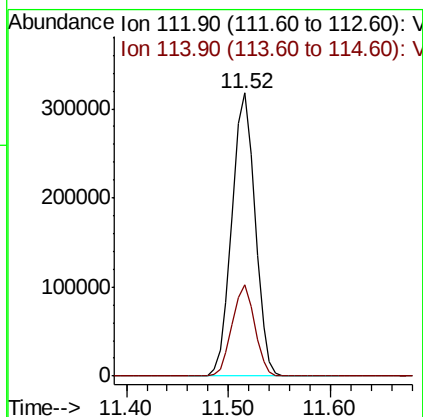
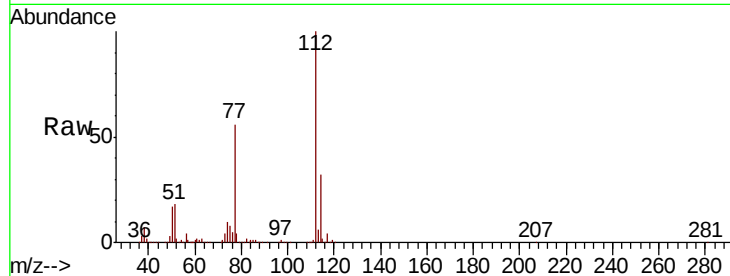




#65
Chlorobenzene
Concen: 47.790 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

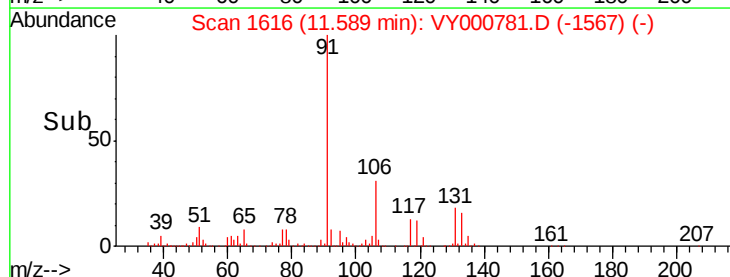
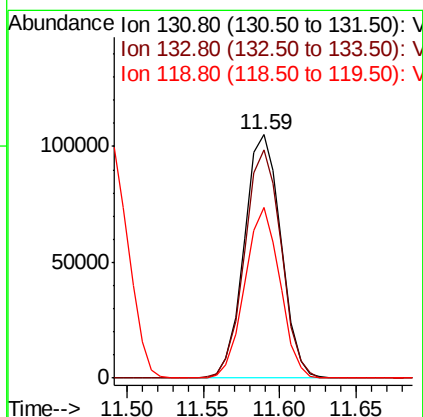
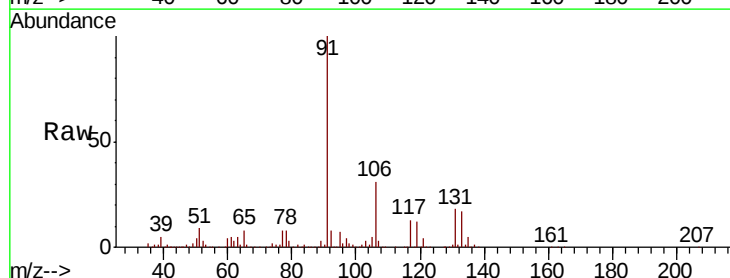
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

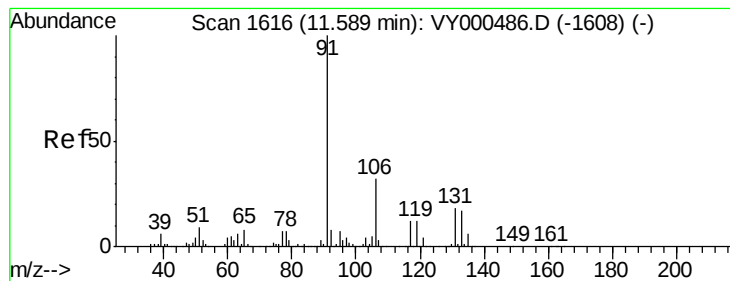
Tot Ion:112 Resp: 498385
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.532 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion:131 Resp: 175531
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.8
119 67.1 33.1 99.3





#67

Ethyl Benzene

Concen: 48.459 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

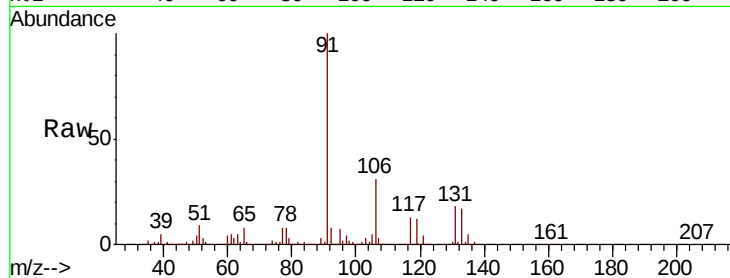
VSTDCCC050

Tot Ion: 91 Resp: 930093

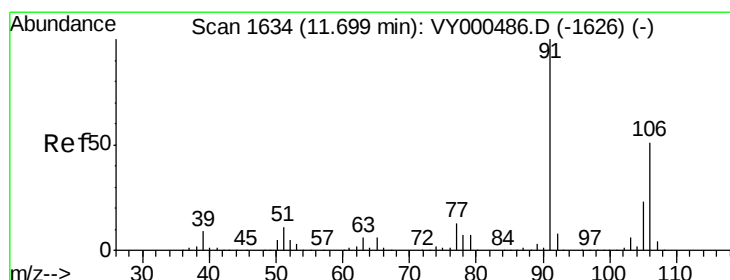
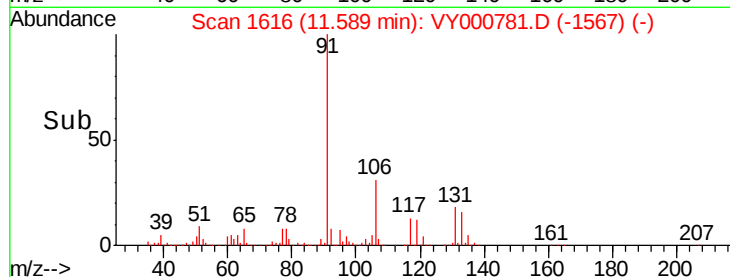
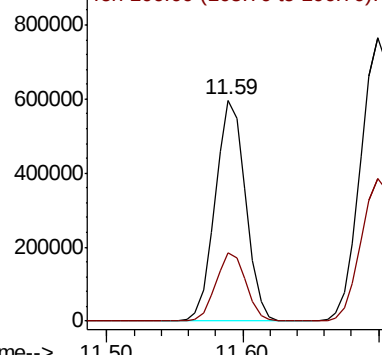
Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1608) (-)



#68

m/p-Xylenes

Concen: 94.230 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000781.D

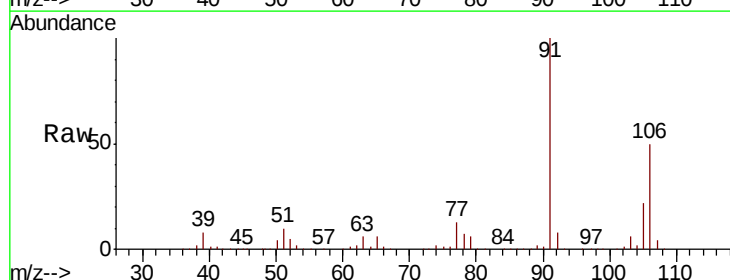
Acq: 22 Nov 2019 10:11

Tgt Ion: 106 Resp: 699995

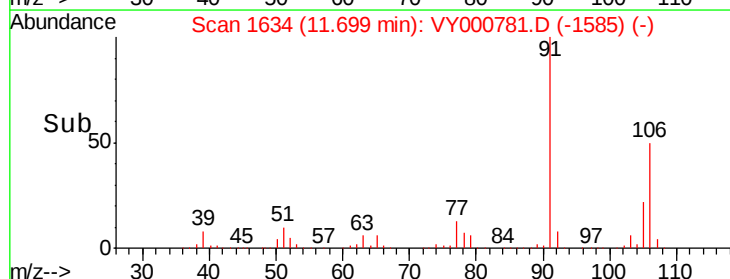
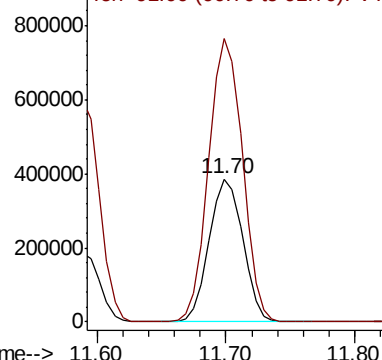
Ion Ratio Lower Upper

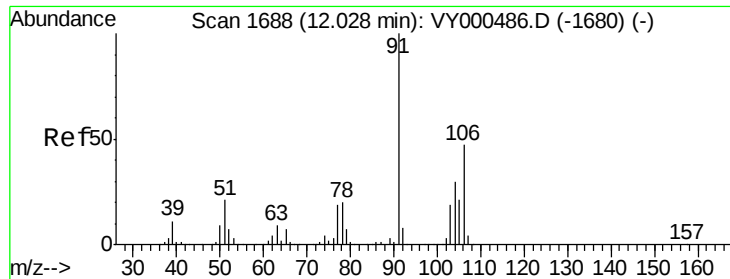
106 100

91 199.5 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VY000486.D (-1626) (-)

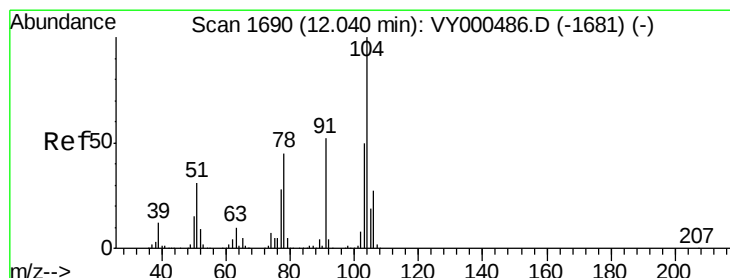
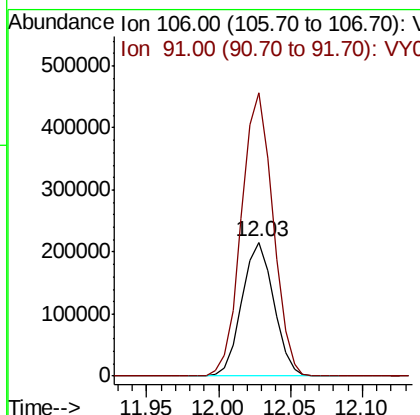
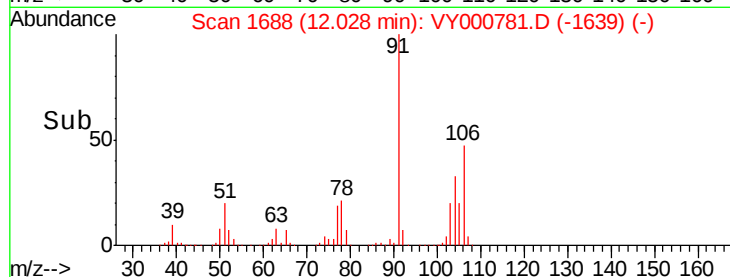
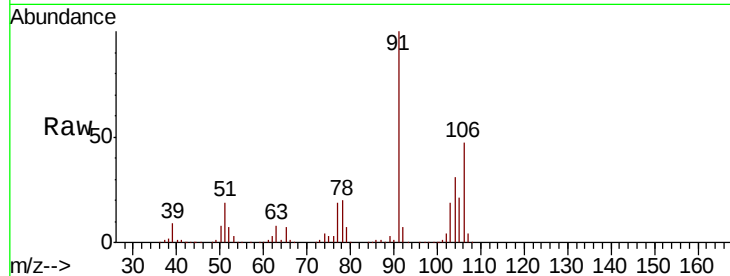




#69
o-Xylene
Concen: 47.399 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

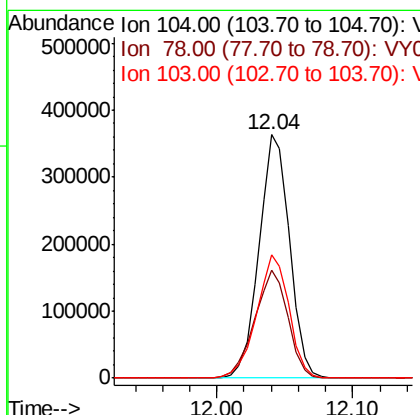
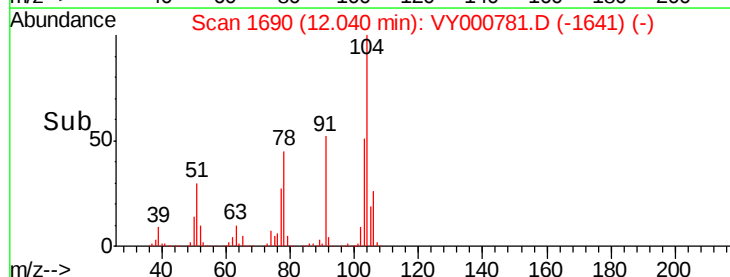
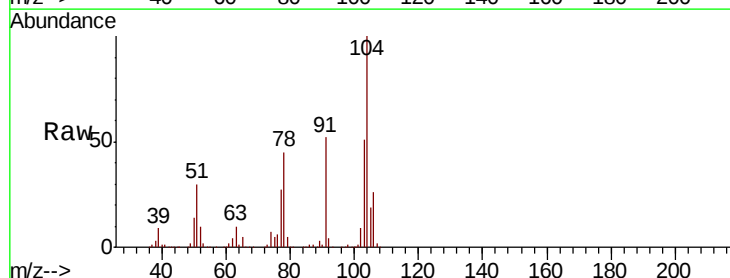
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

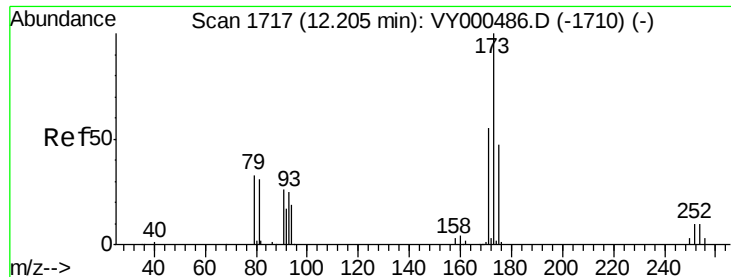
Tot Ion:106 Resp: 330923
Ion Ratio Lower Upper
106 100
91 210.4 106.5 319.6



#70
Styrene
Concen: 47.880 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion:104 Resp: 572408
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 53.6 42.5 63.7





#71

Bromoform

Concen: 48.601 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

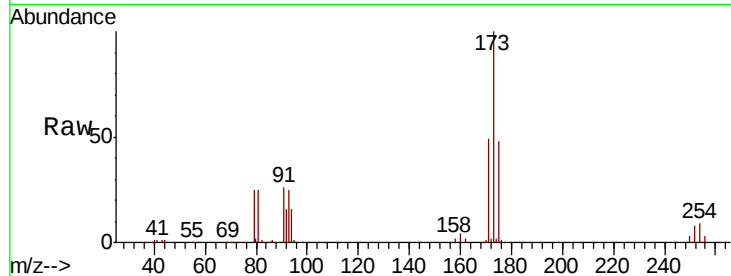
Tot Ion:173 Resp: 101105

Ion Ratio Lower Upper

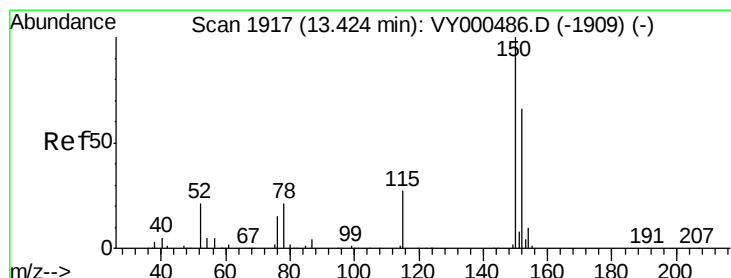
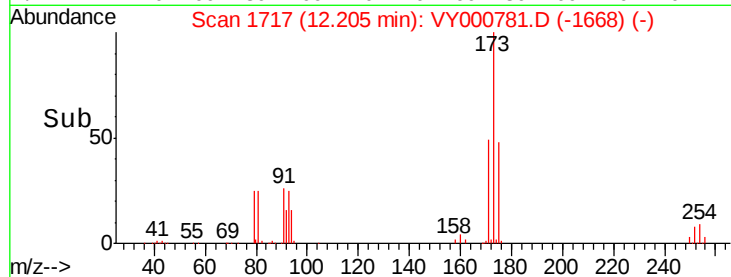
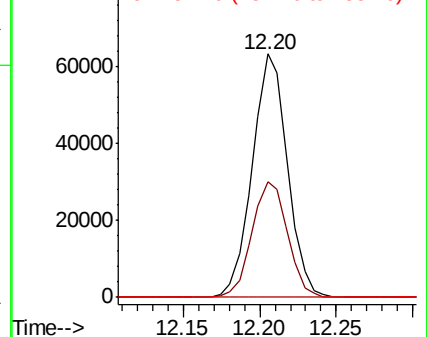
173 100

175 48.1 24.4 73.2

254 0.1 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: VY000781.D

Acq: 22 Nov 2019 10:11

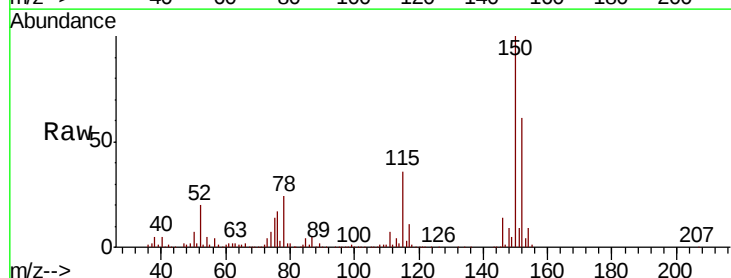
Tgt Ion:152 Resp: 242654

Ion Ratio Lower Upper

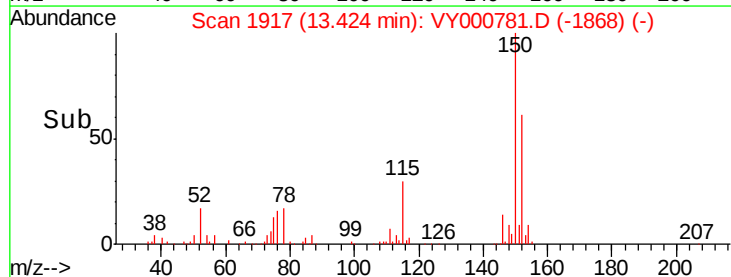
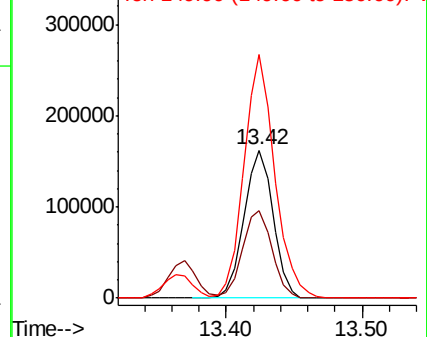
152 100

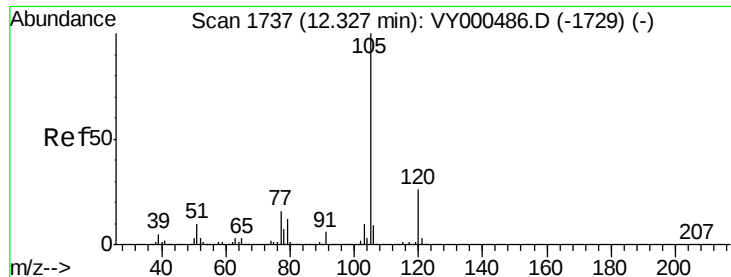
115 59.7 29.1 87.4

150 173.0 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: 49.490 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

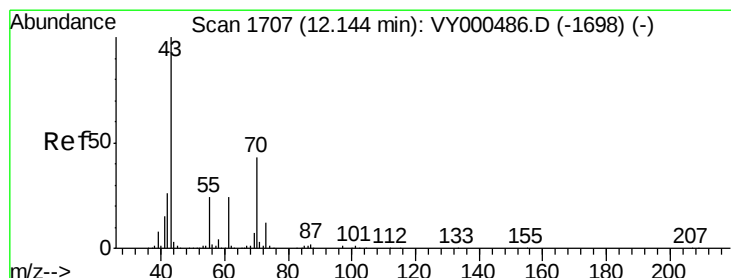
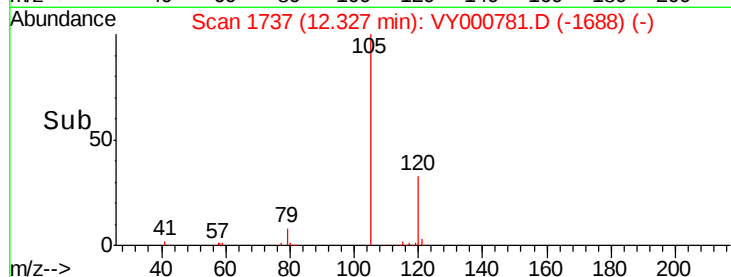
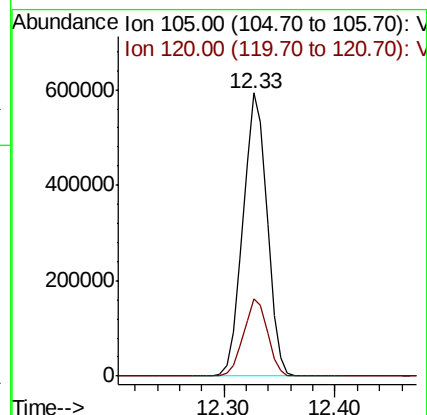
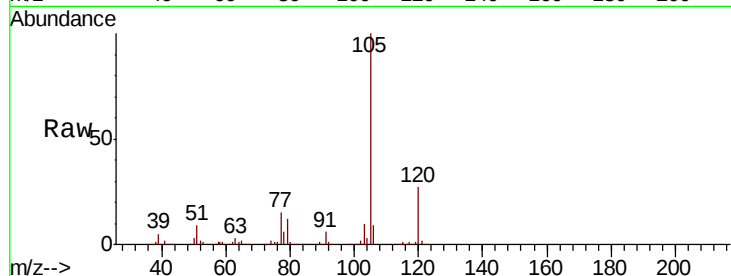
VSTDCCC050

Tot Ion:105 Resp: 887546

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 49.811 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Tgt Ion: 43 Resp: 255840

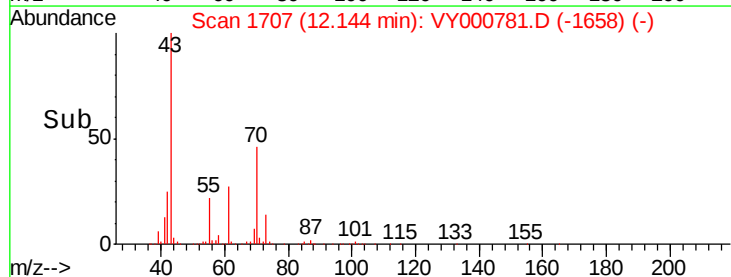
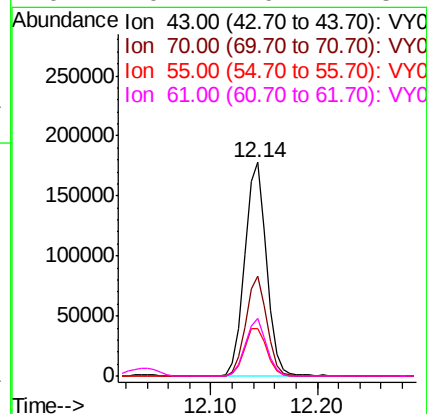
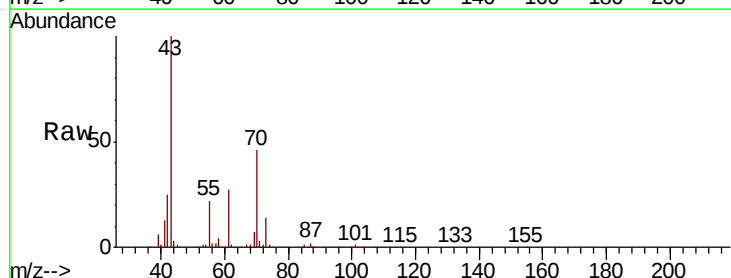
Ion Ratio Lower Upper

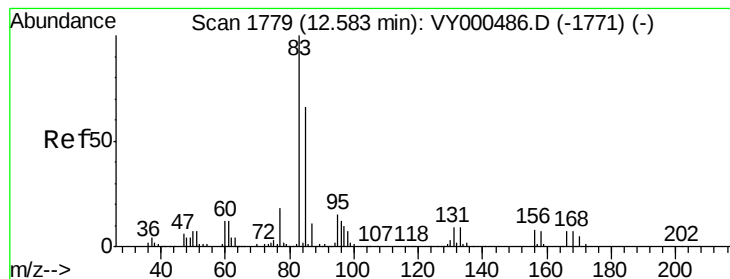
43 100

70 45.2 33.1 49.7

55 23.2 18.0 27.0

61 26.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.958 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

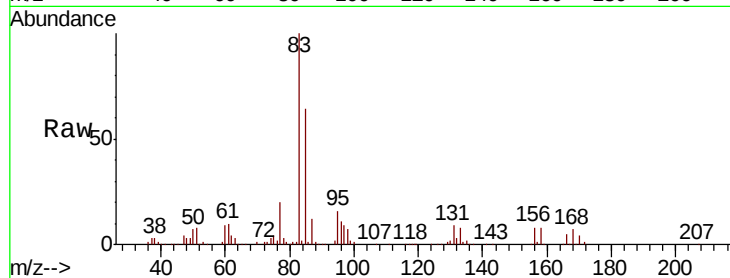
Tot Ion: 83 Resp: 166744

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

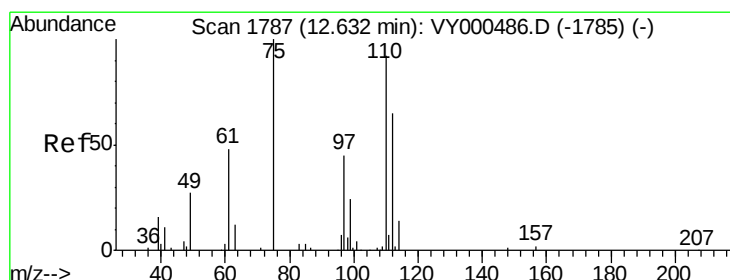
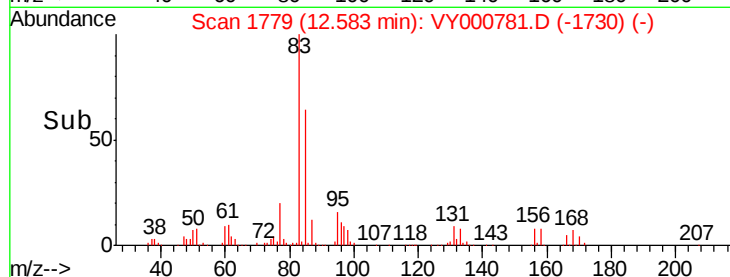
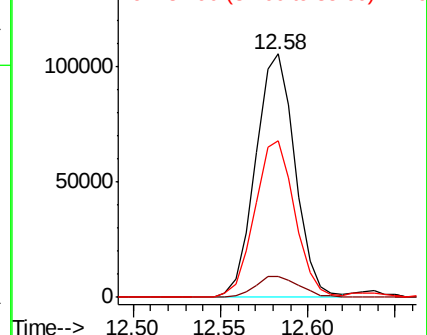
85 65.6 32.3 96.9



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: 90.717 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000781.D

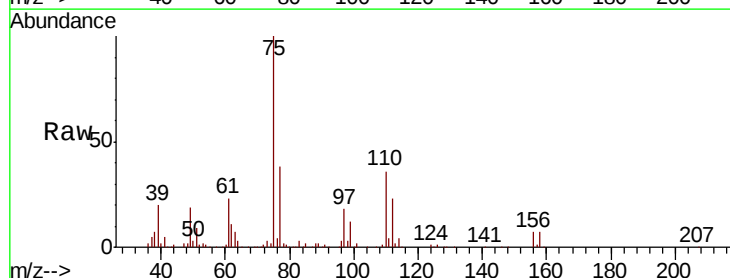
Acq: 22 Nov 2019 10:11

Tgt Ion: 75 Resp: 250647

Ion Ratio Lower Upper

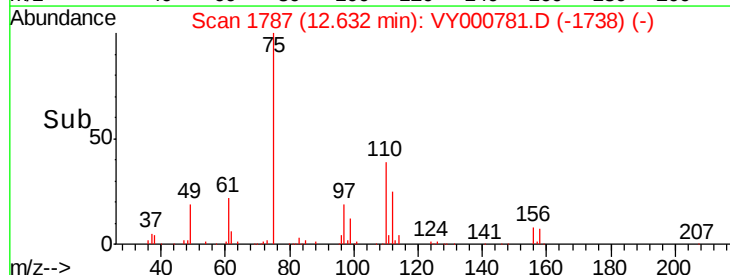
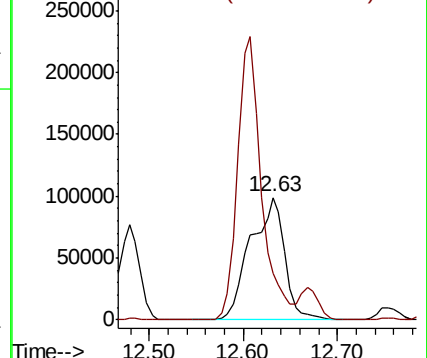
75 100

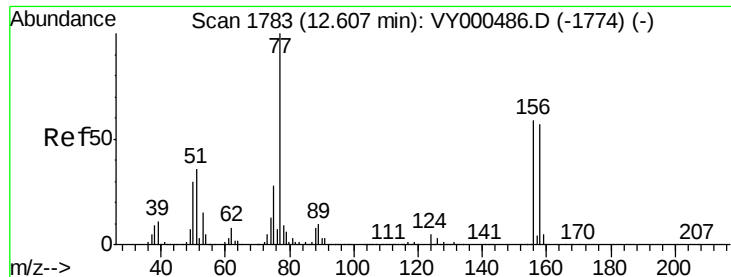
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.858 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

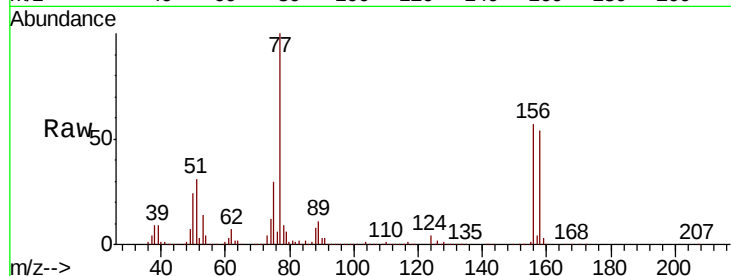
Tot Ion:156 Resp: 198701

Ion Ratio Lower Upper

156 100

77 204.6 98.2 294.4

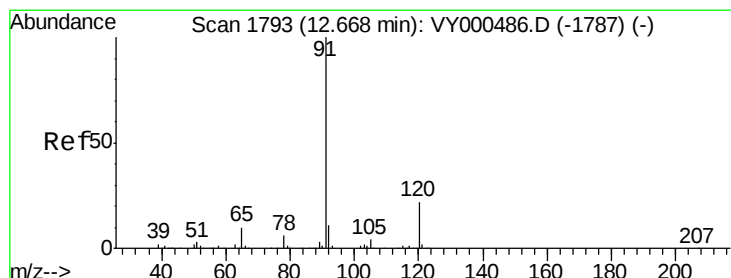
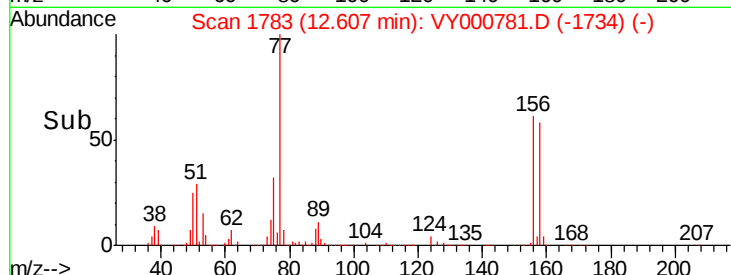
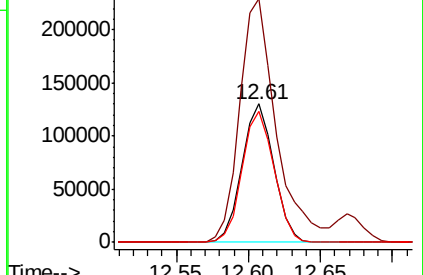
158 95.3 49.6 149.0



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: 50.370 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000781.D

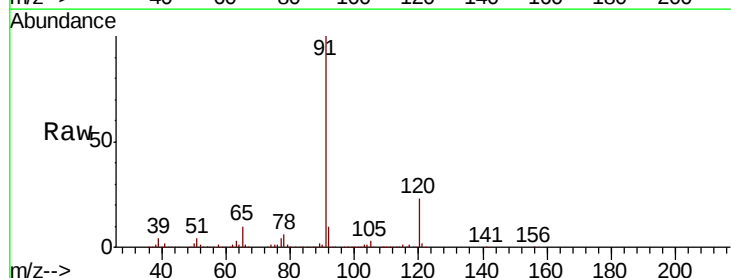
Acq: 22 Nov 2019 10:11

Tgt Ion: 91 Resp: 1089938

Ion Ratio Lower Upper

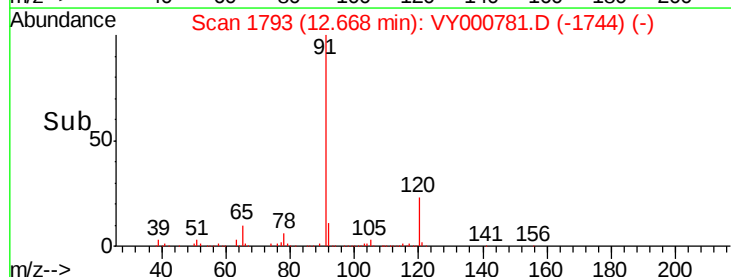
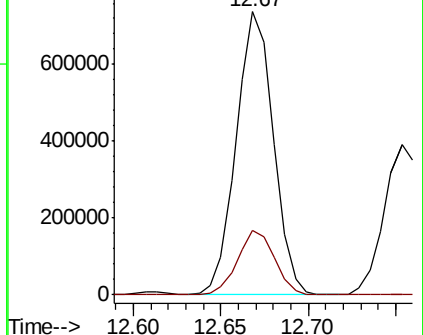
91 100

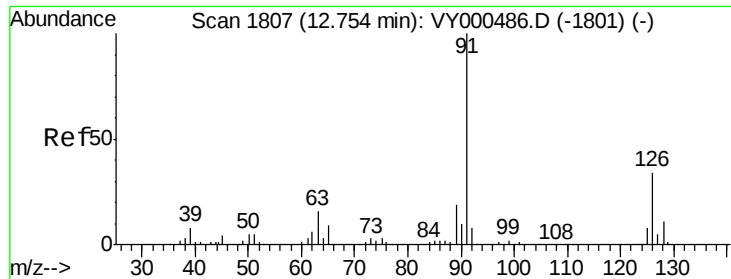
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

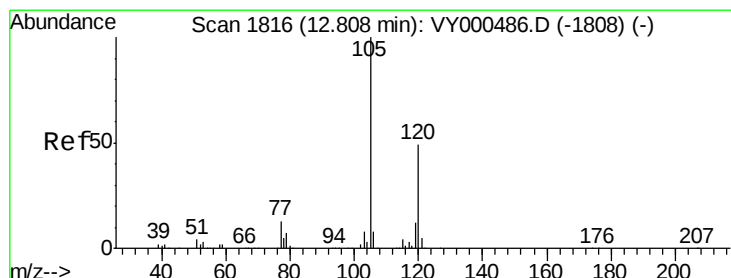
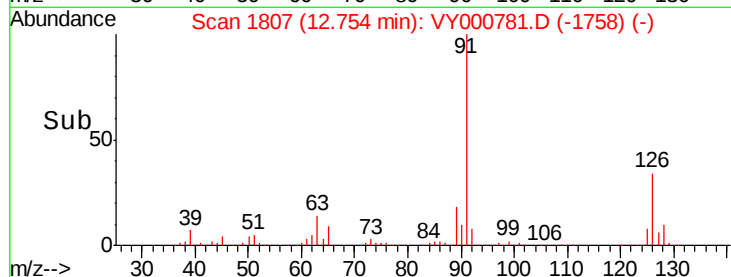
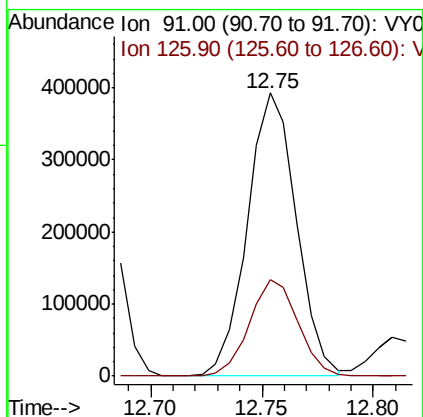
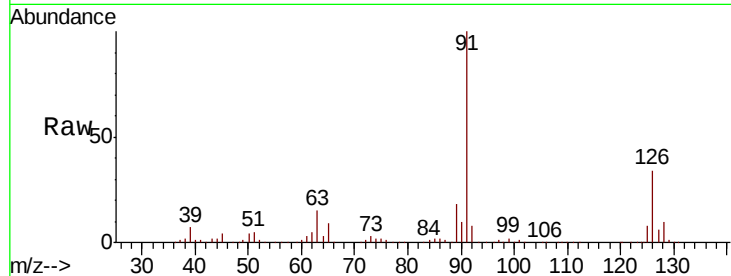




#79
 2-Chlorotoluene
 Concen: 49.995 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

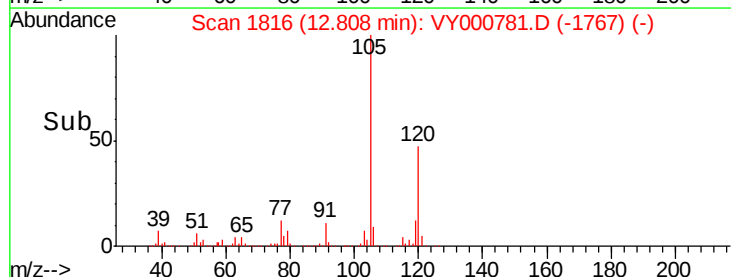
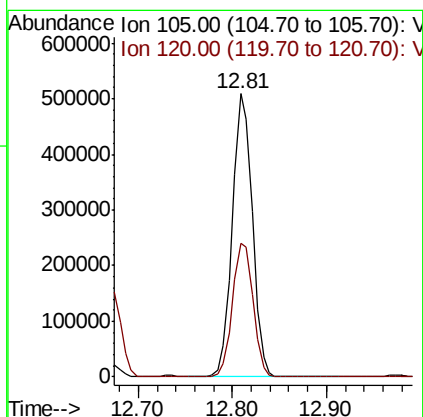
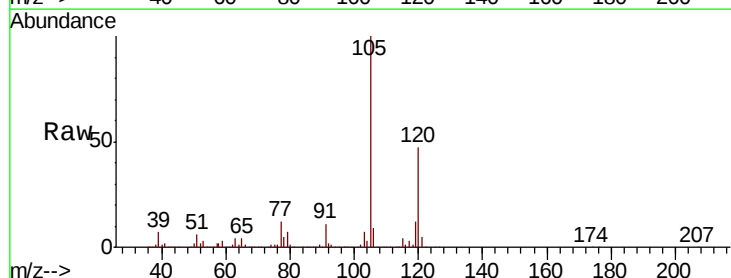
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

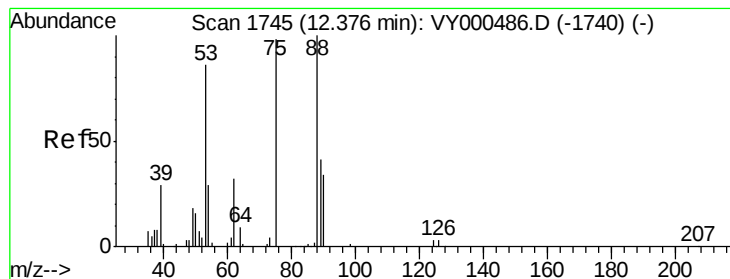
Tot Ion: 91 Resp: 600586
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.064 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion: 105 Resp: 747773
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.998 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

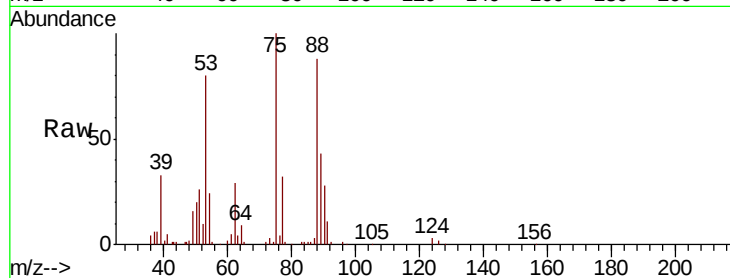
Tot Ion: 75 Resp: 69005

Ion Ratio Lower Upper

75 100

53 81.3 73.2 109.8

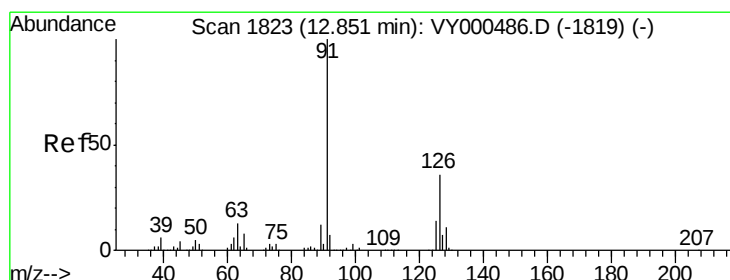
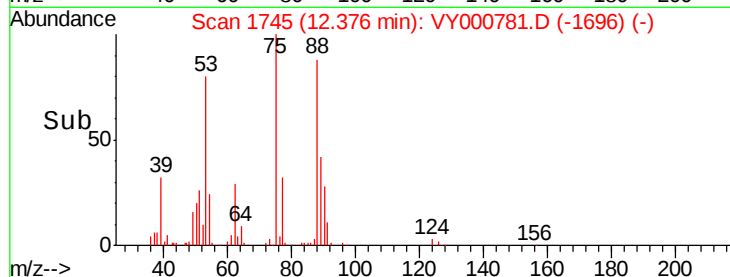
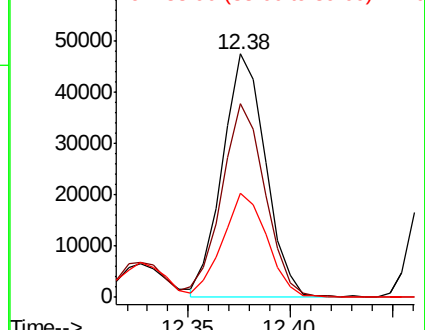
89 44.2 35.9 53.9



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: 50.178 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000781.D

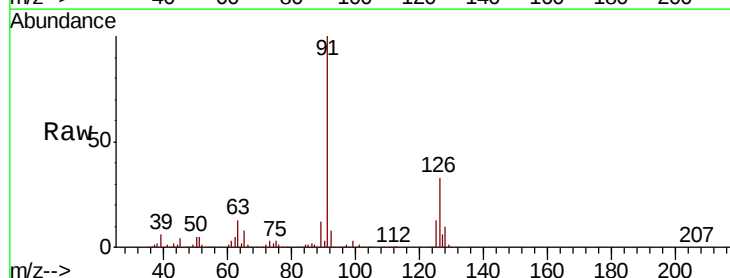
Acq: 22 Nov 2019 10:11

Tgt Ion: 91 Resp: 624834

Ion Ratio Lower Upper

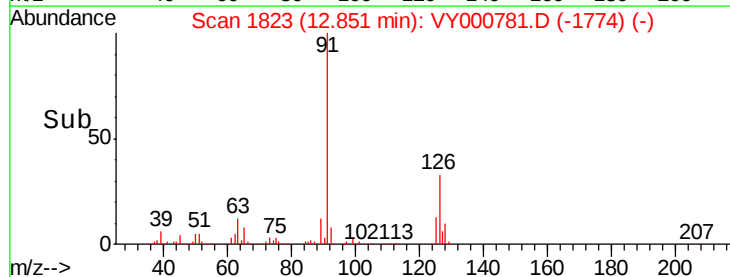
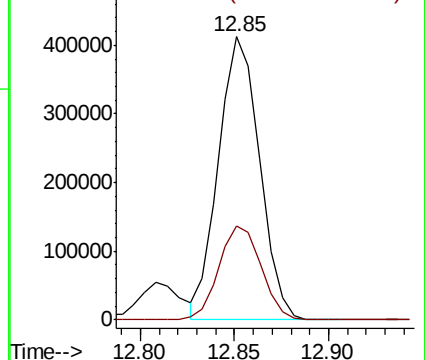
91 100

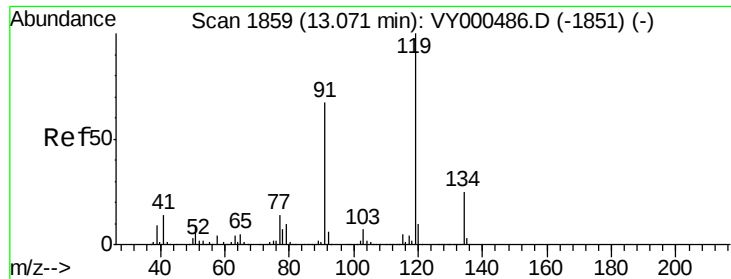
126 34.2 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

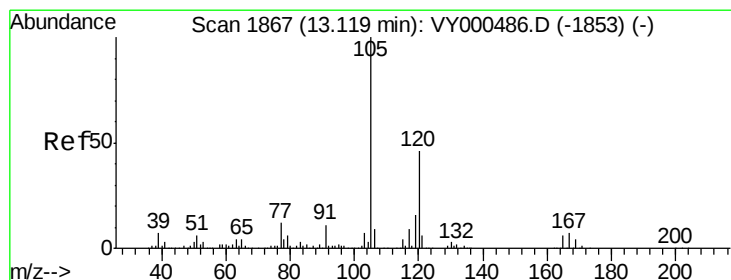
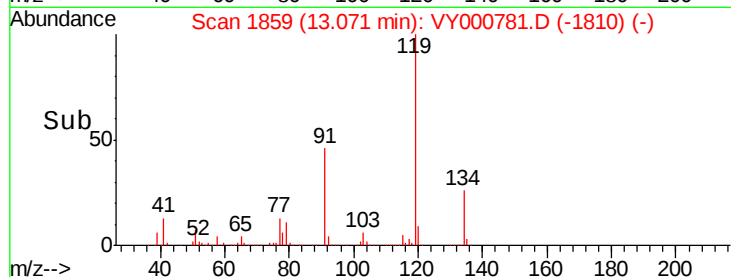
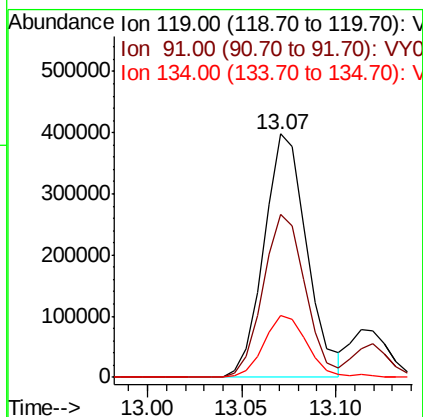
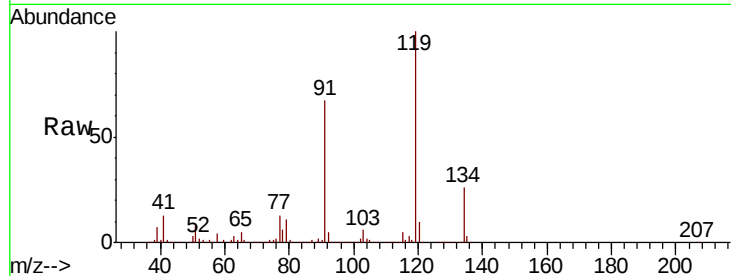




#83
tert-Butylbenzene
Concen: 49.132 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

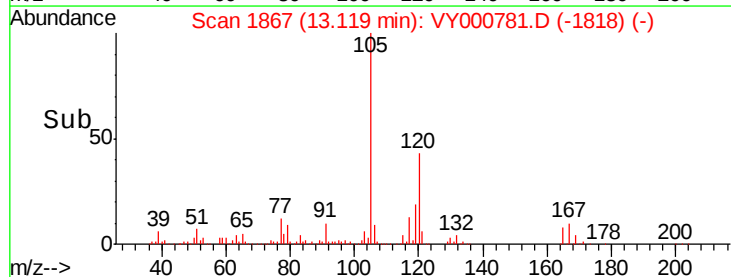
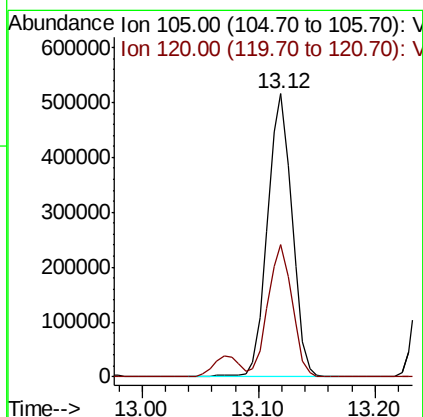
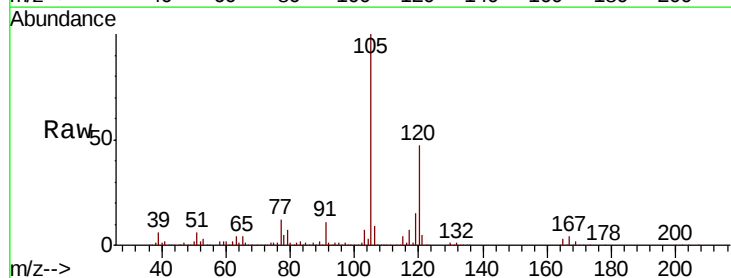
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

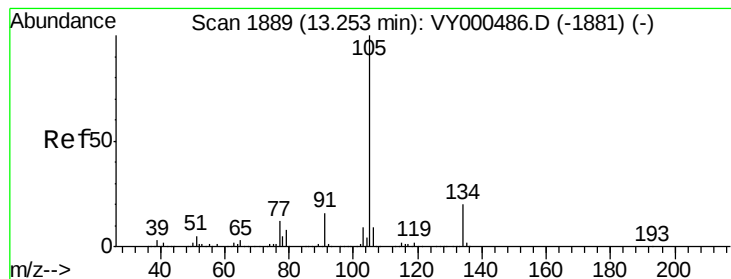
Tot Ion:119 Resp: 626586
Ion Ratio Lower Upper
119 100
91 66.2 32.1 96.3
134 26.0 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 50.329 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion:105 Resp: 748470
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.9





#85

sec-Butylbenzene

Concen: 50.419 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

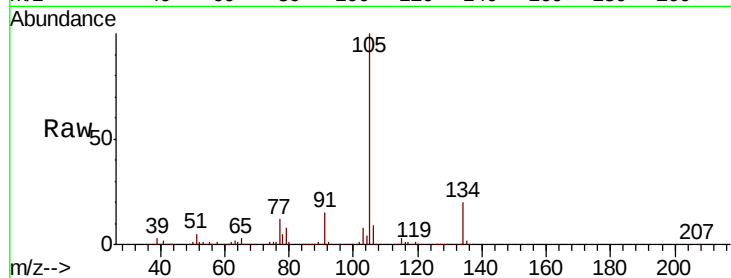
VSTDCCC050

Tot Ion:105 Resp: 916090

Ion Ratio Lower Upper

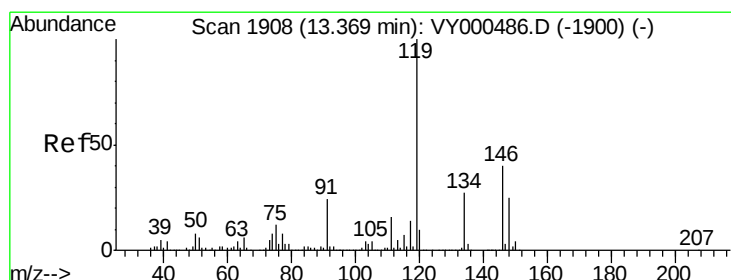
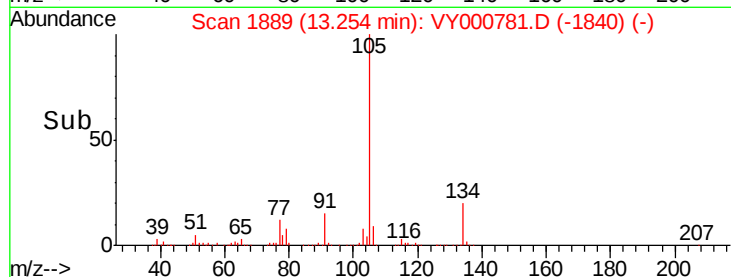
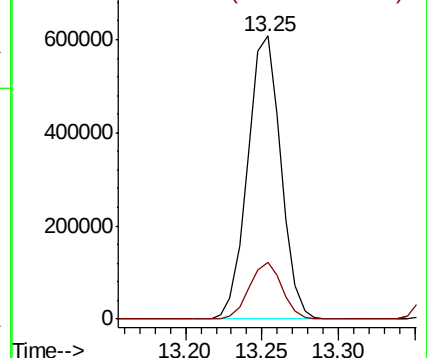
105 100

134 19.9 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: 49.418 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

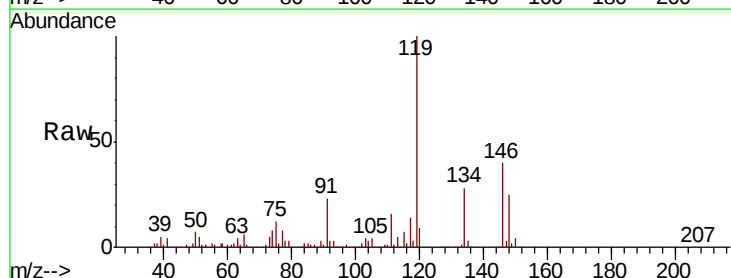
Tgt Ion:119 Resp: 800266

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

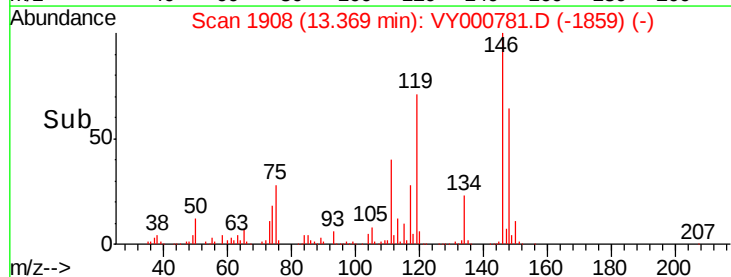
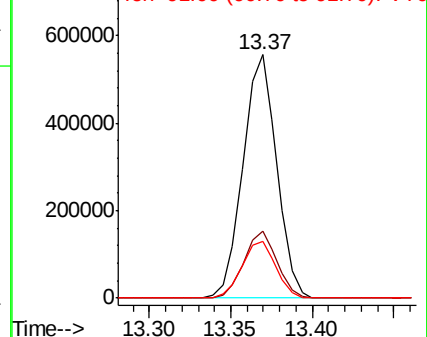
91 23.3 12.0 36.1

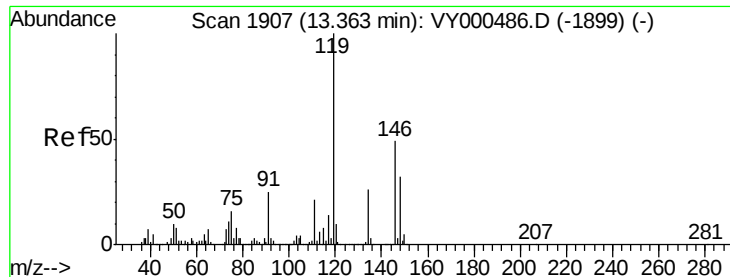


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.379 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

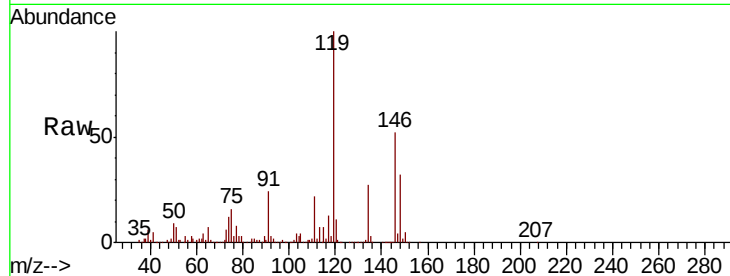
Tot Ion:146 Resp: 385380

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

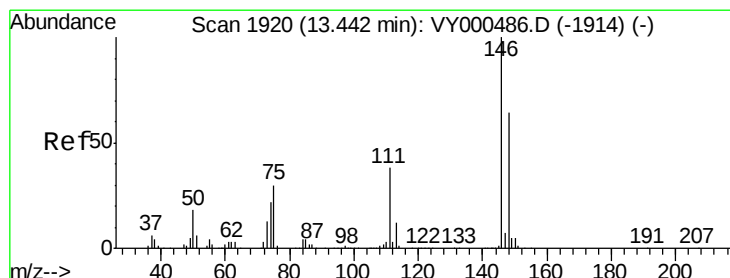
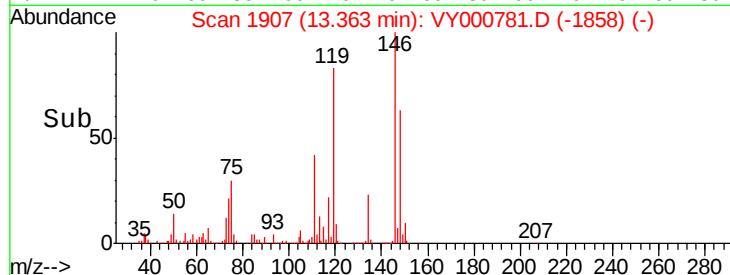
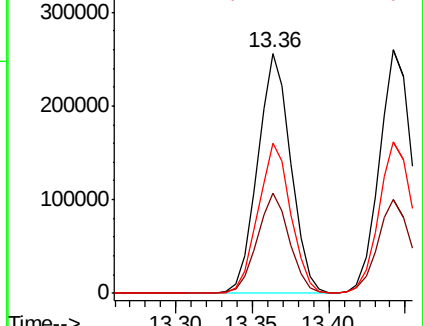
148 61.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.160 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

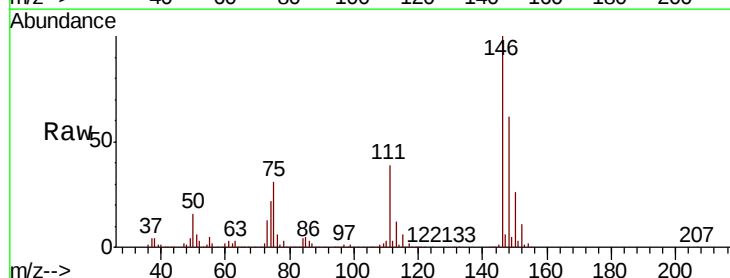
Tgt Ion:146 Resp: 383353

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

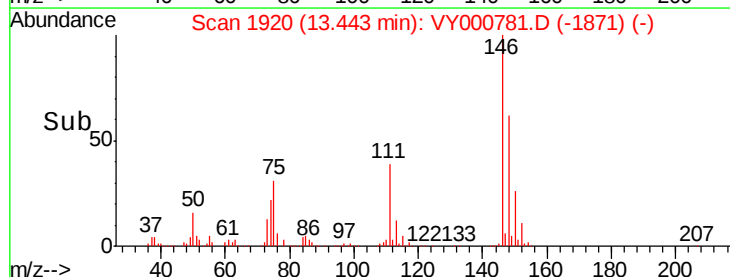
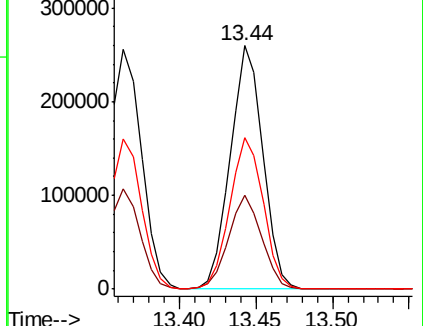
148 63.9 31.9 95.7

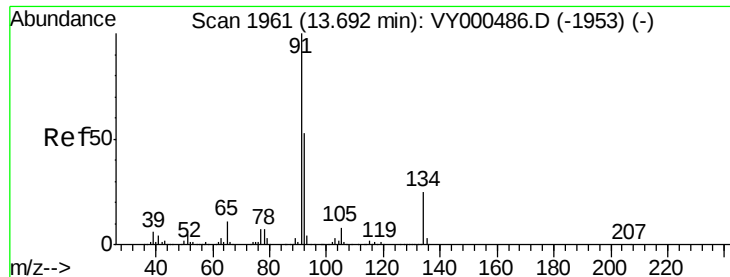


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

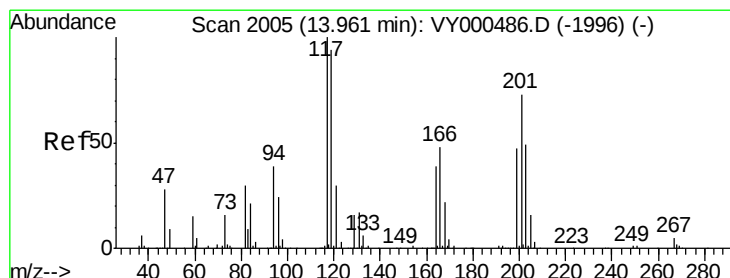
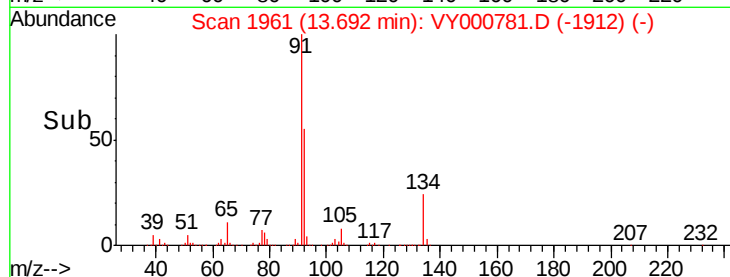
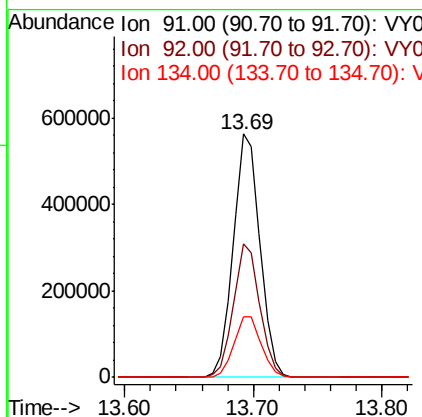
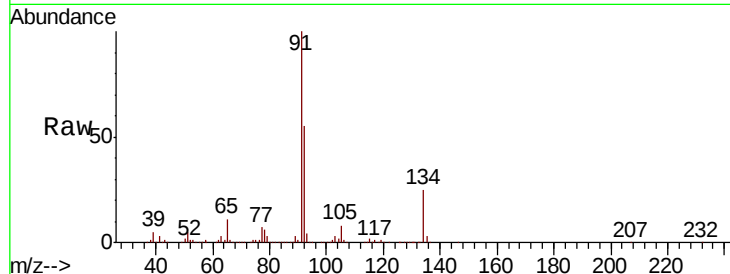




#89
n-Butylbenzene
Concen: 50.846 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

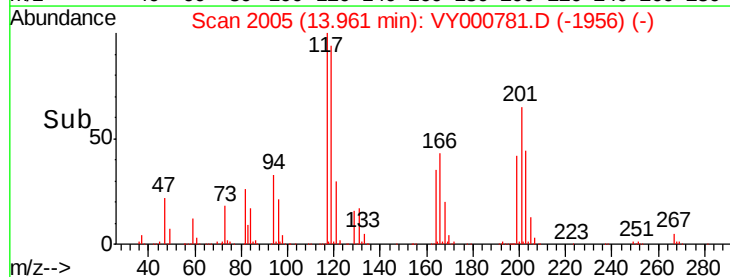
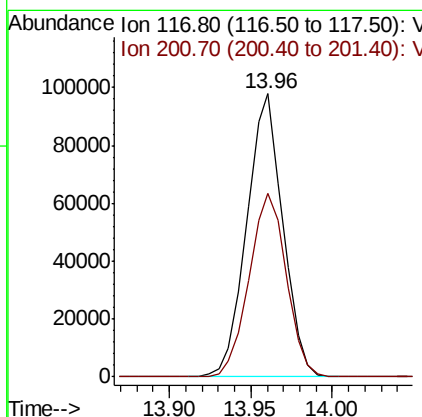
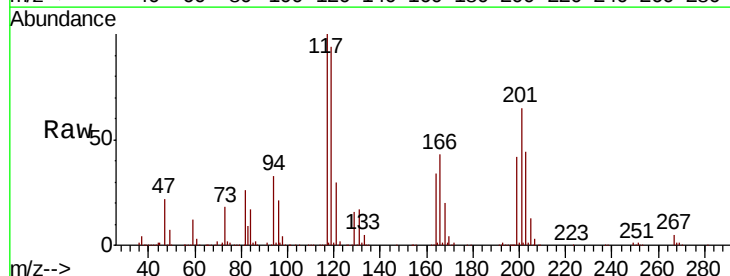
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

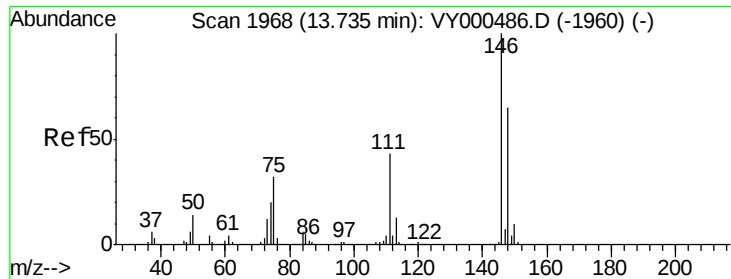
Tot Ion: 91 Resp: 812114
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.3
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 50.313 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000781.D
Acq: 22 Nov 2019 10:11

Tgt Ion: 117 Resp: 150625
Ion Ratio Lower Upper
117 100
201 66.9 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 48.481 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

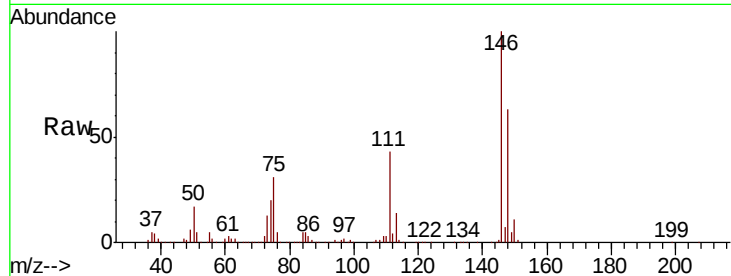
Tot Ion:146 Resp: 350395

Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.5

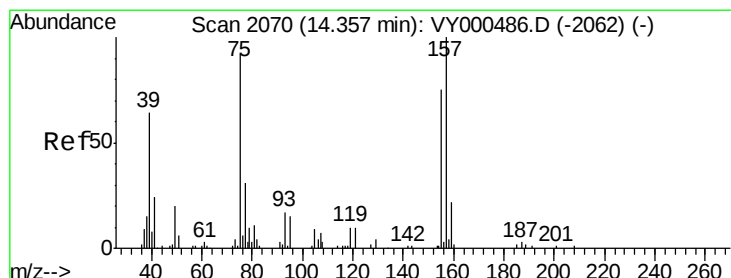
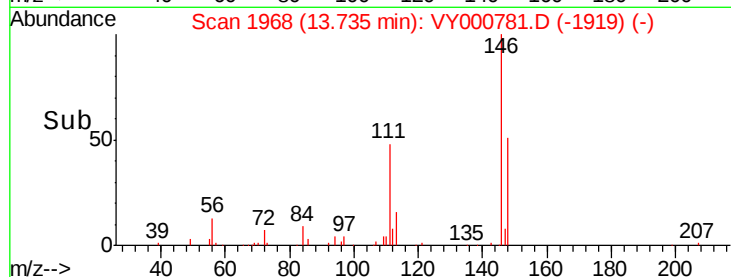
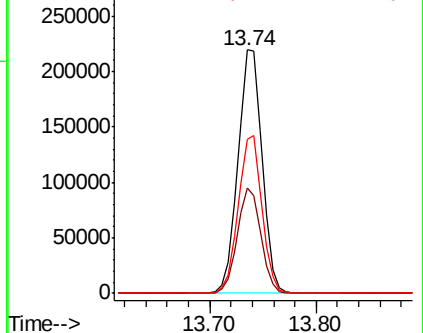
148 63.4 31.7 95.1



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: 47.118 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

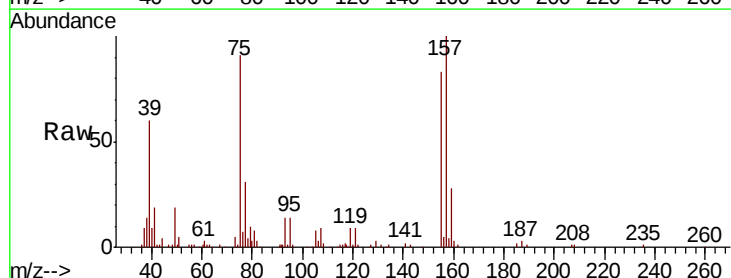
Tgt Ion: 75 Resp: 29611

Ion Ratio Lower Upper

75 100

155 85.4 42.4 127.1

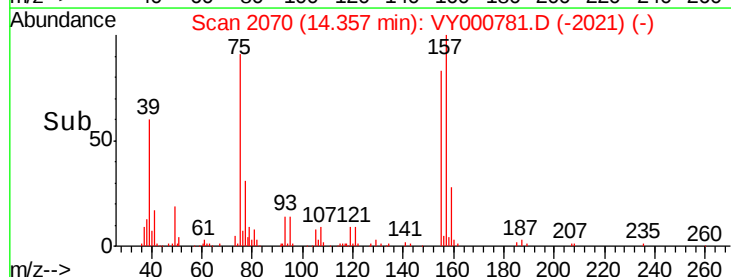
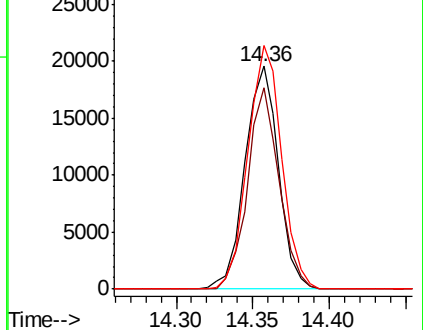
157 111.0 55.1 165.3

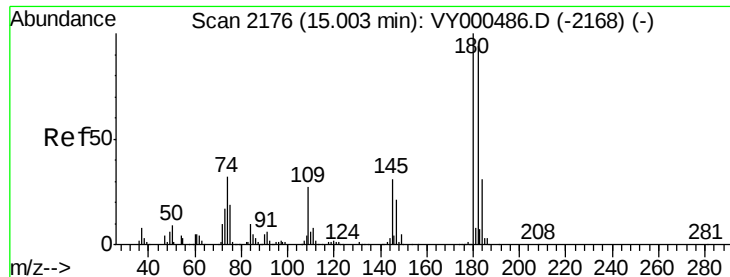


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

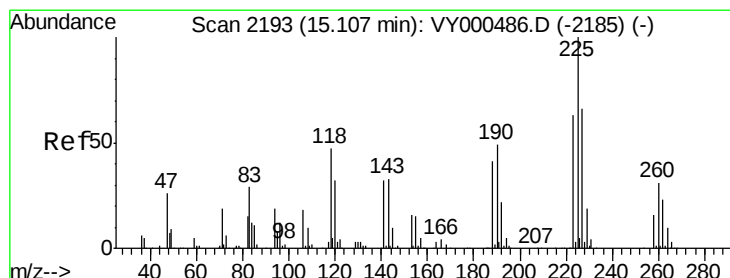
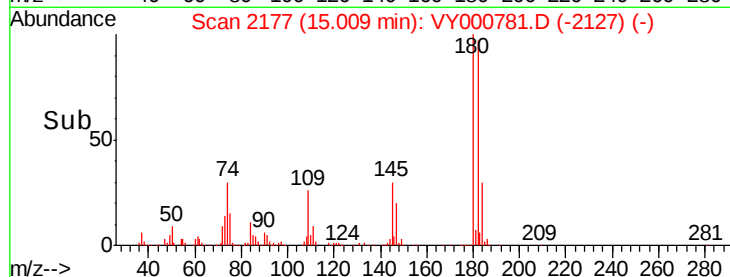
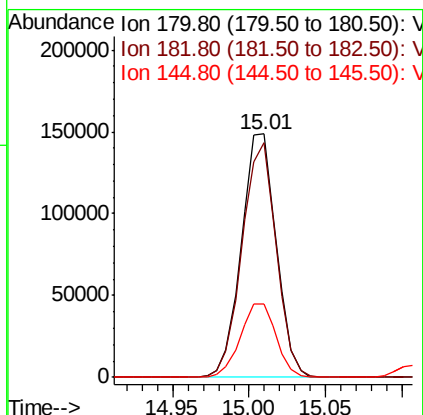
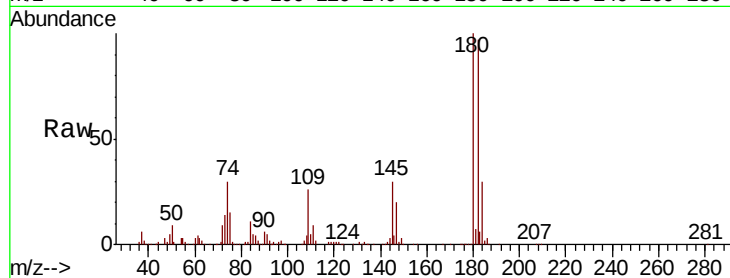




#93
 1,2,4-Trichlorobenzene
 Concen: 47.810 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

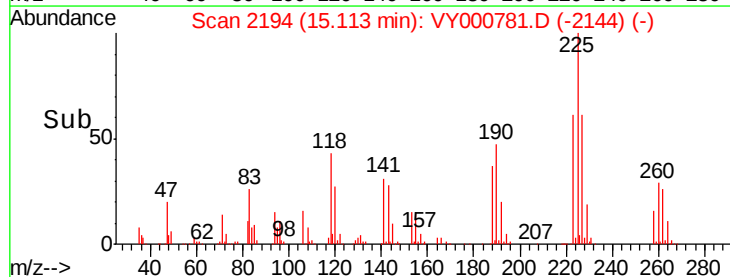
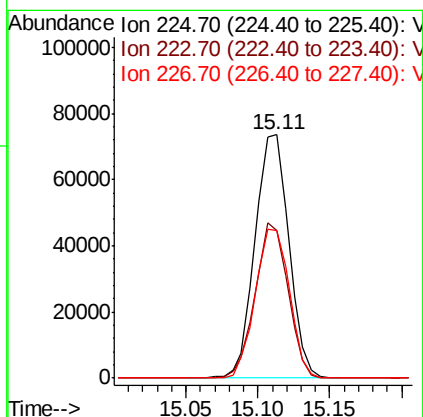
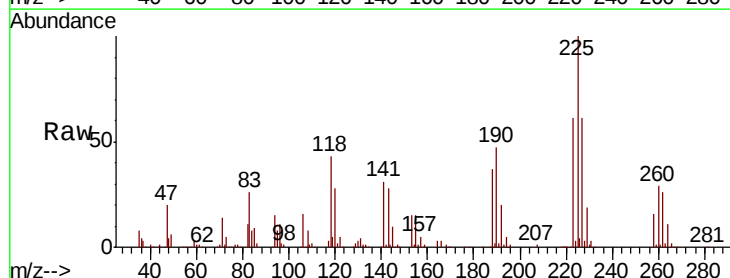
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

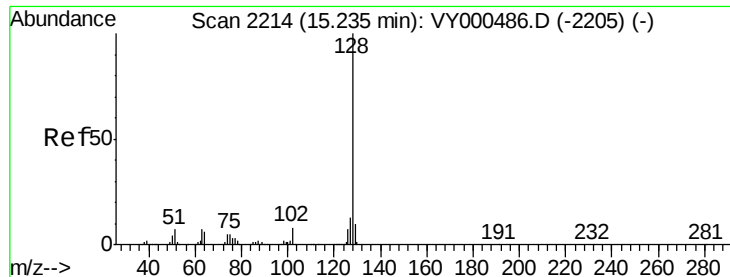
Tot Ion:180 Resp: 235278
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.4
 145 30.9 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 47.018 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000781.D
 Acq: 22 Nov 2019 10:11

Tgt Ion:225 Resp: 119274
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 62.0 32.4 97.0





#95

Naphthalene

Concen: 50.990 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

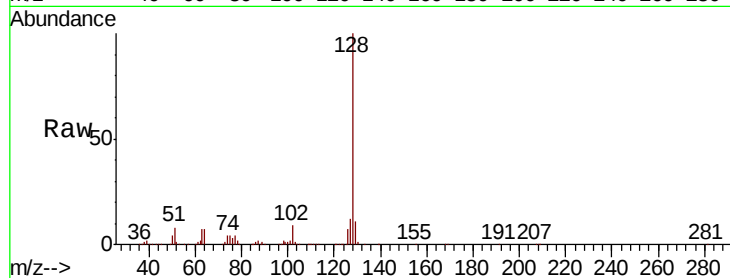
Tot Ion:128 Resp: 557041

Ion Ratio Lower Upper

128 100

127 12.2 9.8 14.6

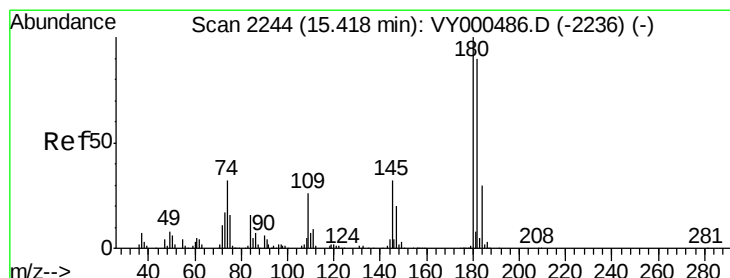
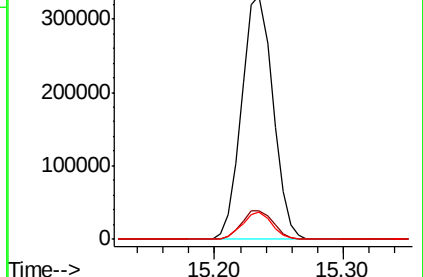
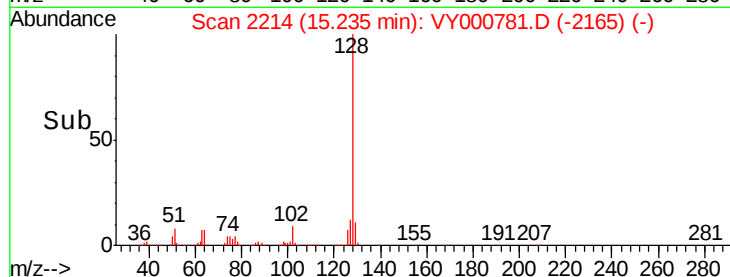
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.839 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000781.D

Acq: 22 Nov 2019 10:11

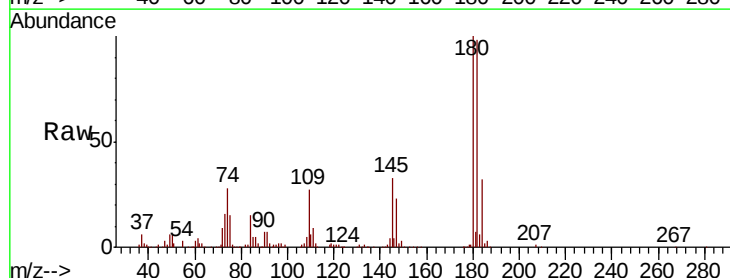
Tgt Ion:180 Resp: 206798

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 33.3 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

