

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002528.D
 Acq On : 04 May 2020 10:07
 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: May 04 14:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	389094	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	572929	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	511851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264071	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	162255	49.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.72	113	162570	49.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.18	98	636933	49.78	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.49	95	213301	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	181390	56.190	ug/l	99
3) Chloromethane	2.12	50	185816	58.945	ug/l	99
4) Vinyl Chloride	2.26	62	212757	58.449	ug/l	99
5) Bromomethane	2.65	94	133499	53.182	ug/l	99
6) Chloroethane	2.80	64	115903	53.326	ug/l	99
7) Trichlorofluoromethane	3.13	101	303985	53.884	ug/l	99
8) Diethyl Ether	3.54	74	102609	54.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	184379	53.475	ug/l	99
10) Methyl Iodide	4.10	142	248327	52.865	ug/l	100
11) Tert butyl alcohol	4.96	59	84650	251.494	ug/l	99
12) 1,1-Dichloroethene	3.88	96	182275	54.418	ug/l	99
13) Acrolein	3.74	56	77056	331.065	ug/l	98
14) Allyl chloride	4.49	41	267040	54.718	ug/l	99
15) Acrylonitrile	5.18	53	246664	275.900	ug/l	100
16) Acetone	3.96	43	200950	297.624	ug/l	98
17) Carbon Disulfide	4.20	76	566423	56.211	ug/l	100
18) Methyl Acetate	4.49	43	120636	53.475	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	475292	54.388	ug/l	97
20) Methylene Chloride	4.72	84	192217	50.909	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	198825	54.310	ug/l	97
22) Diisopropyl ether	6.13	45	528439	53.515	ug/l	98
23) Vinyl Acetate	6.07	43	1707399	274.937	ug/l	99
24) 1,1-Dichloroethane	6.03	63	310323	53.121	ug/l	100
25) 2-Butanone	6.99	43	297663	269.322	ug/l	96
26) 2,2-Dichloropropane	6.99	77	290753	52.361	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	214352	52.916	ug/l	100
28) Bromochloromethane	7.35	49	129116	53.944	ug/l	99
29) Tetrahydrofuran	7.35	42	203282	277.997	ug/l	99
30) Chloroform	7.52	83	320678	52.794	ug/l	99
31) Cyclohexane	7.79	56	301696	51.306	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	299218	52.999	ug/l	100
36) 1,1-Dichloropropene	7.92	75	258841	53.892	ug/l	100
37) Ethyl Acetate	7.08	43	137763	55.817	ug/l	99
38) Carbon Tetrachloride	7.91	117	282765	53.925	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342396	53.974	ug/l	99
40) Benzene	8.17	78	742477	53.524	ug/l	100
41) Methacrylonitrile	7.35	41	185447	139.747	ug/l #	42
42) 1,2-Dichloroethane	8.24	62	206281	53.014	ug/l	99
43) Isopropyl Acetate	8.28	43	256244	55.380	ug/l	100
44) Trichloroethene	8.94	130	233044	53.757	ug/l	96
45) 1,2-Dichloropropane	9.22	63	177936	53.148	ug/l	100
46) Dibromomethane	9.31	93	104327	54.161	ug/l	99
47) Bromodichloromethane	9.50	83	252701	53.953	ug/l	100
48) Methyl methacrylate	9.30	41	116089	55.438	ug/l	99
49) 1,4-Dioxane	9.30	88	29224	1145.850	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	665909	279.215	ug/l	100
52) Toluene	10.25	92	471364	52.873	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	270186	55.057	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	306785	54.076	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	151611	53.973	ug/l	100
56) Ethyl methacrylate	10.51	69	206332	55.215	ug/l	99
57) 1,3-Dichloropropane	10.79	76	253354	53.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	548700	278.437	ug/l	99
59) 2-Hexanone	10.83	43	459752	280.085	ug/l	100
60) Dibromochloromethane	10.99	129	192703	53.938	ug/l	100
61) 1,2-Dibromoethane	11.09	107	149787	53.853	ug/l	99
64) Tetrachloroethene	10.72	164	253628	55.770	ug/l	99
65) Chlorobenzene	11.52	112	520980	53.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	196803	54.487	ug/l	99
67) Ethyl Benzene	11.60	91	918429	53.735	ug/l	99
68) m/p-Xylenes	11.70	106	712999	107.814	ug/l	99
69) o-Xylene	12.03	106	335668	54.209	ug/l	99
70) Styrene	12.05	104	580720	54.860	ug/l	99
71) Bromoform	12.21	173	126998	56.650	ug/l #	100
73) Isopropylbenzene	12.33	105	907263	53.012	ug/l	100
74) N-amyl acetate	12.14	43	232811	56.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	144413	53.058	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	228118	97.207	ug/l #	100
77) Bromobenzene	12.61	156	227301	53.159	ug/l	99
78) n-propylbenzene	12.67	91	1061774	53.461	ug/l	100
79) 2-Chlorotoluene	12.76	91	583296	53.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	762076	53.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66754	57.039	ug/l #	74
82) 4-Chlorotoluene	12.86	91	613511	53.089	ug/l	99
83) tert-Butylbenzene	13.08	119	680249	54.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	757796	53.598	ug/l	100
85) sec-Butylbenzene	13.25	105	923405	53.498	ug/l	100
86) p-Isopropyltoluene	13.38	119	867403	53.632	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	433177	53.527	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	425722	53.126	ug/l	99
89) n-Butylbenzene	13.70	91	790147	53.667	ug/l	100
90) Hexachloroethane	13.97	117	159833	54.267	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	383057	53.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28159	55.501	ug/l	99

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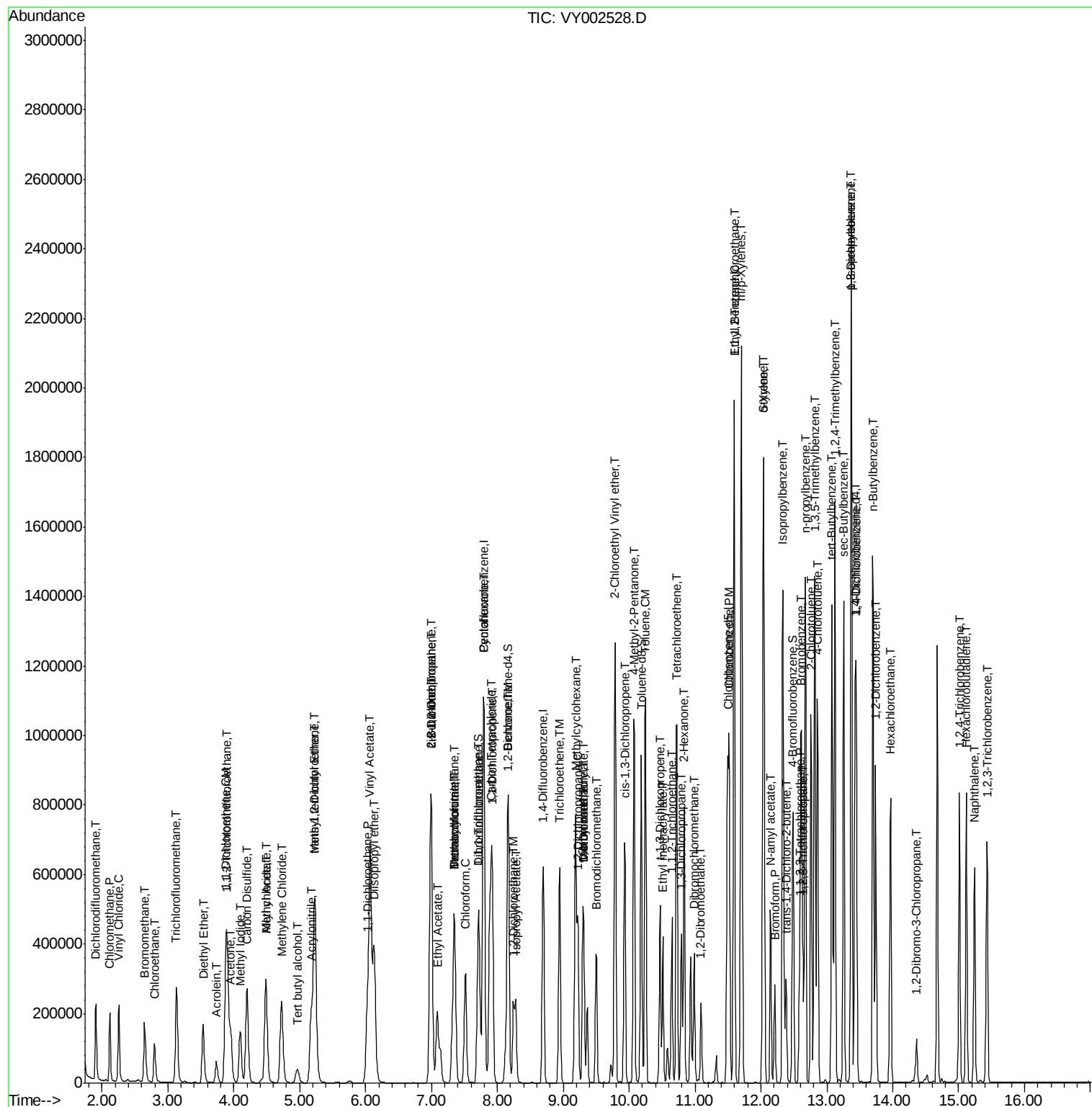
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	280485	53.500	ug/l	100
94) Hexachlorobutadiene	15.12	225	167368	53.184	ug/l	99
95) Naphthalene	15.24	128	525490	54.945	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	237556	53.376	ug/l	100

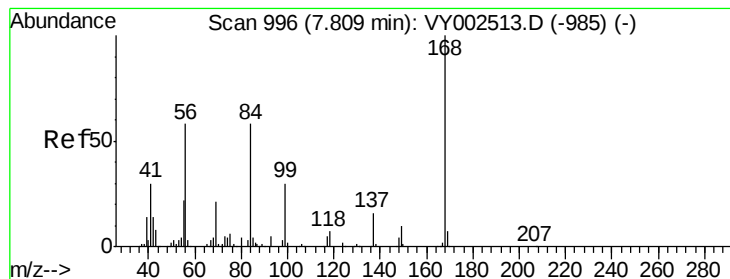
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

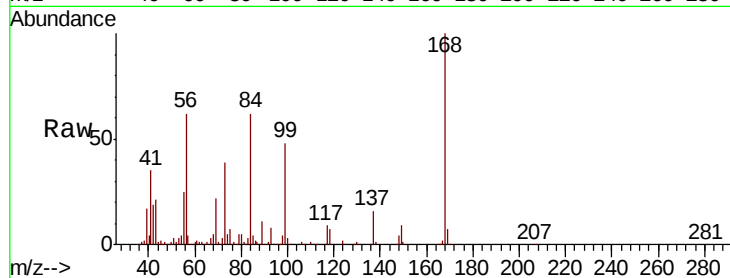
VSTDCCC050

Tot Ion:168 Resp: 389094

Ion Ratio Lower Upper

168 100

99 47.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

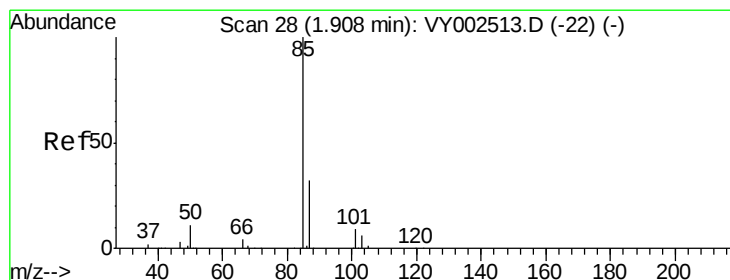
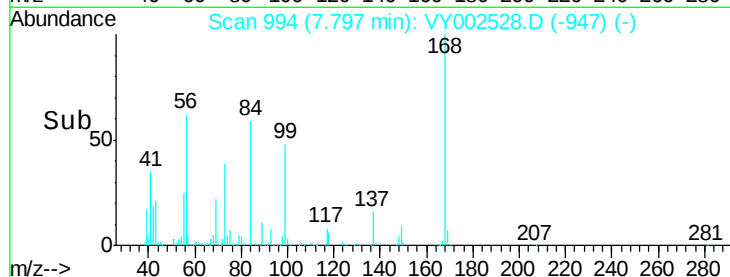
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.190 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002528.D

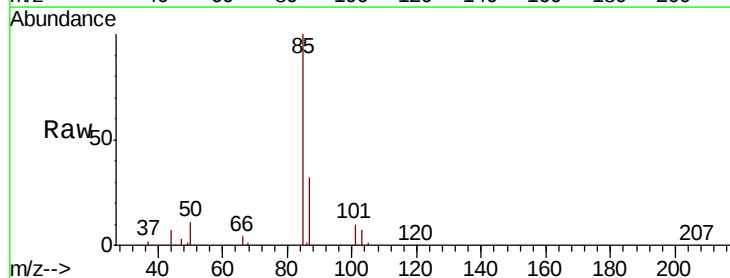
Acq: 04 May 2020 10:07

Tgt Ion: 85 Resp: 181390

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

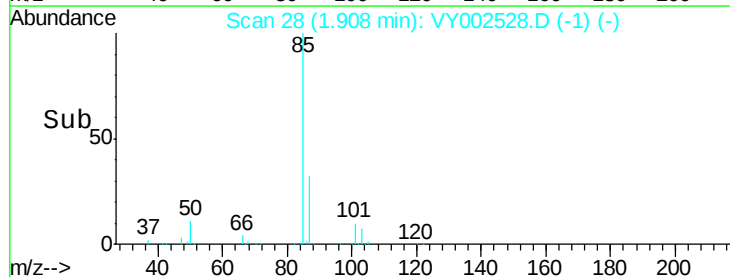
150000

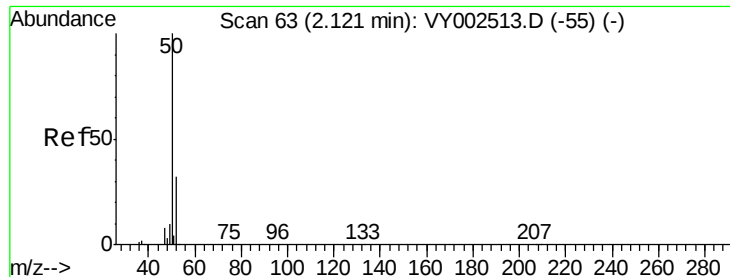
100000

50000

0

Time-->





#3

Chloromethane

Concen: 58.945 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

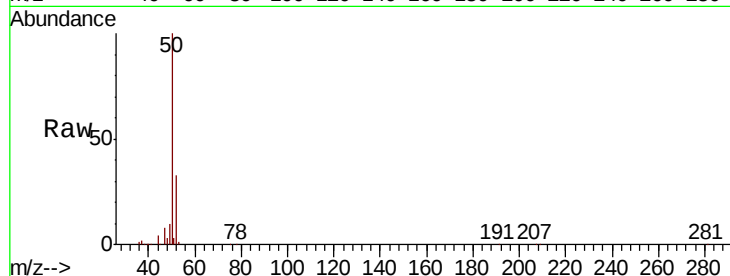
VSTDCCC050

Tot Ion: 50 Resp: 185816

Ion Ratio Lower Upper

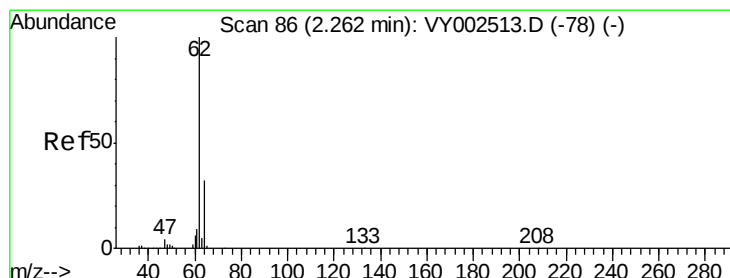
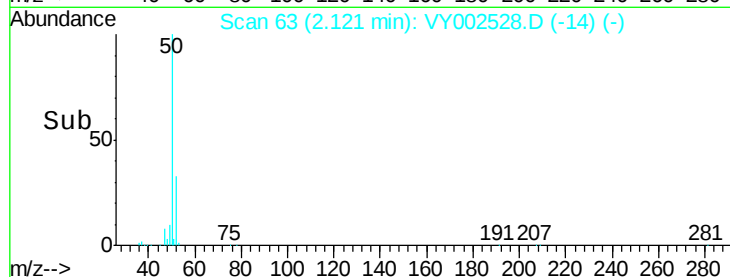
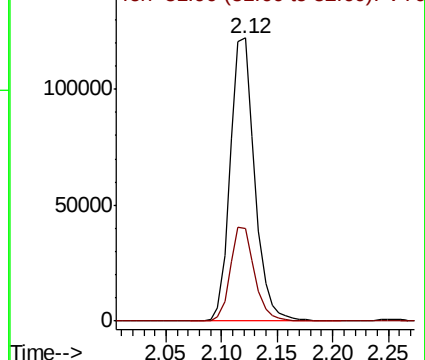
50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 58.449 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002528.D

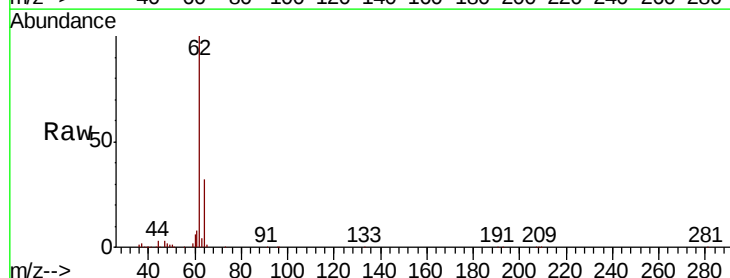
Acq: 04 May 2020 10:07

Tgt Ion: 62 Resp: 212757

Ion Ratio Lower Upper

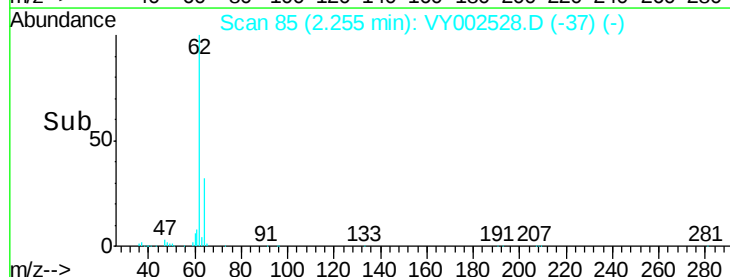
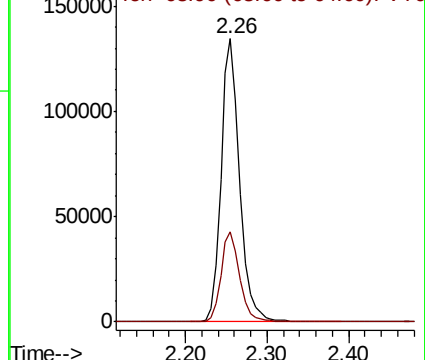
62 100

64 31.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.182 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

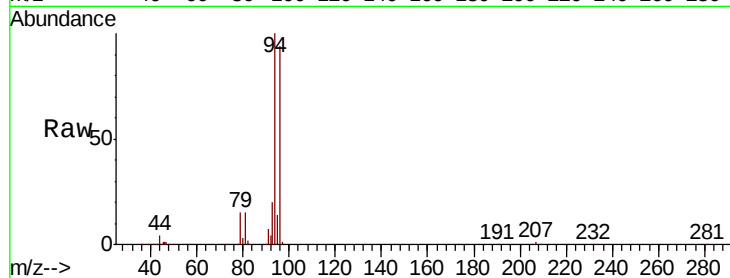
VSTDCCC050

Tot Ion: 94 Resp: 133499

Ion Ratio Lower Upper

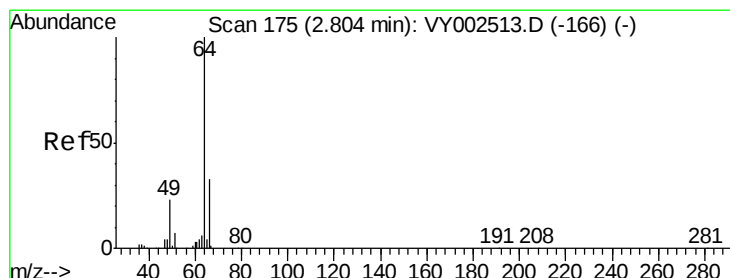
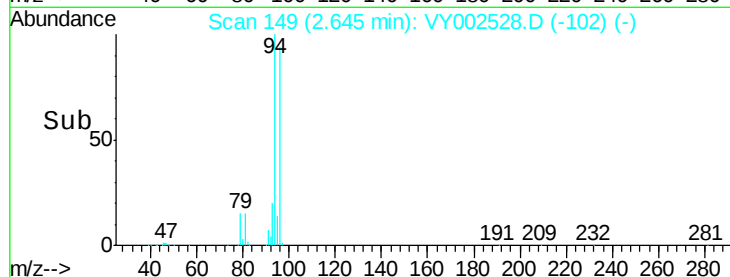
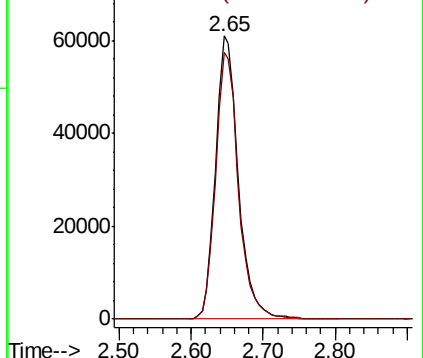
94 100

96 94.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.326 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002528.D

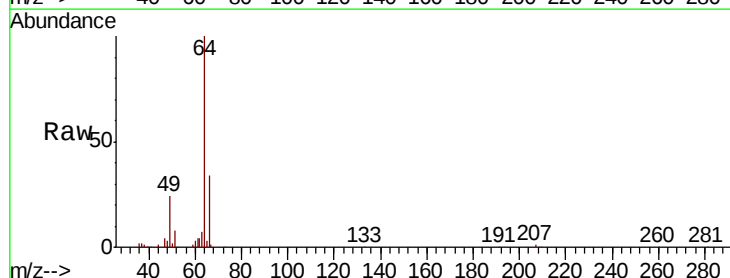
Acq: 04 May 2020 10:07

Tgt Ion: 64 Resp: 115903

Ion Ratio Lower Upper

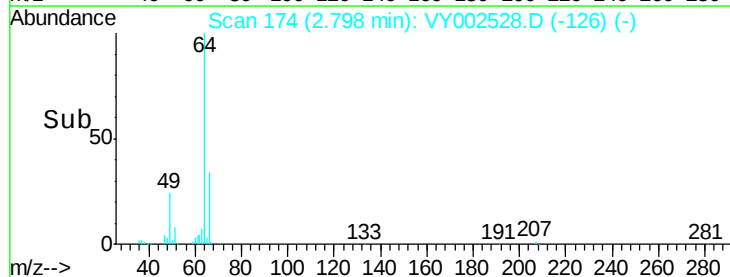
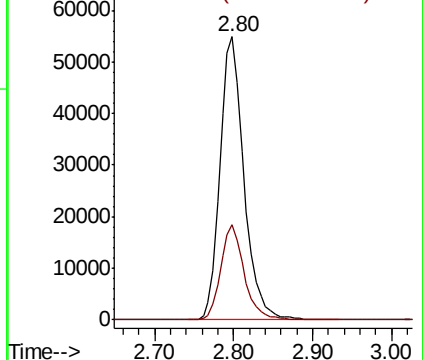
64 100

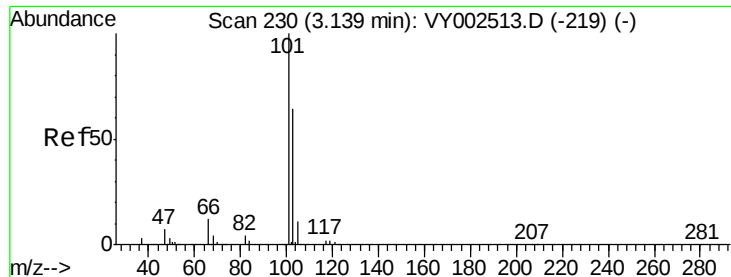
66 33.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



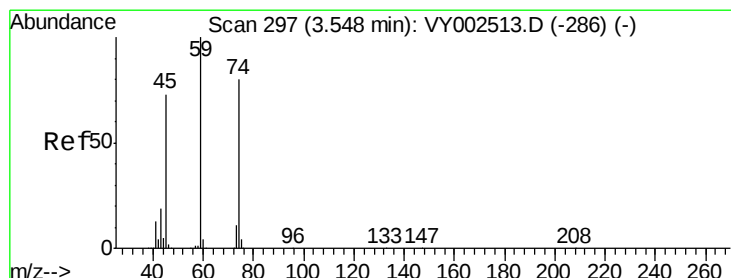
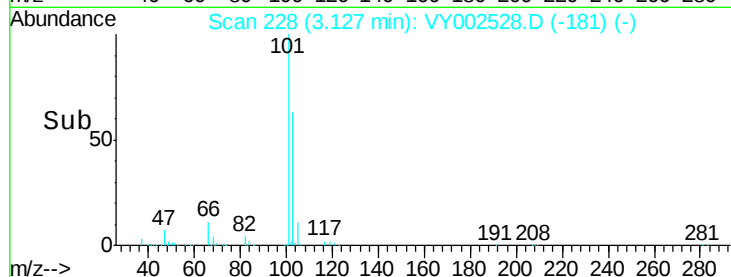
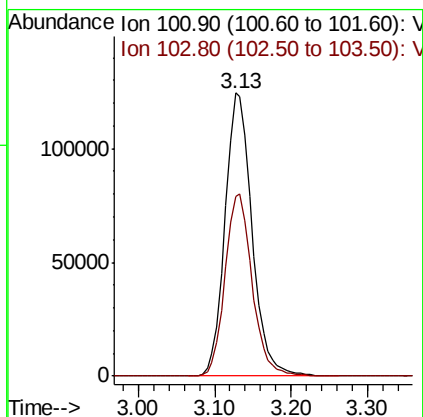
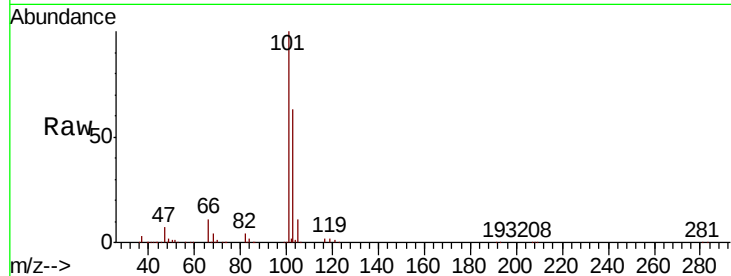


#7

Trichlorofluoromethane
 Concen: 53.884 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
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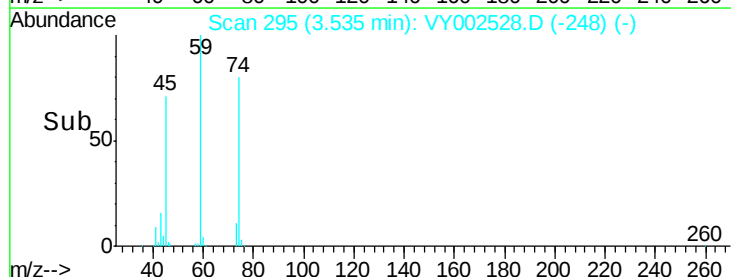
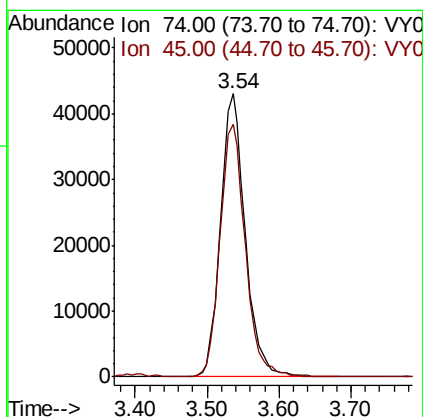
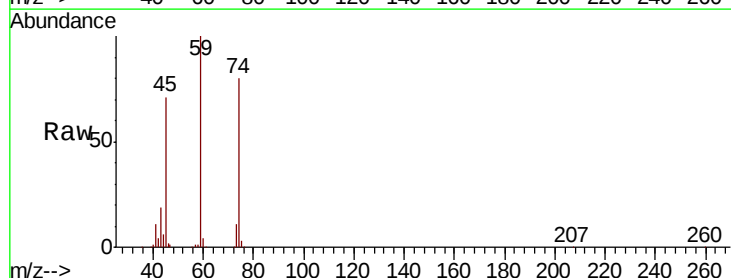
Tot Ion:101 Resp: 303985
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0

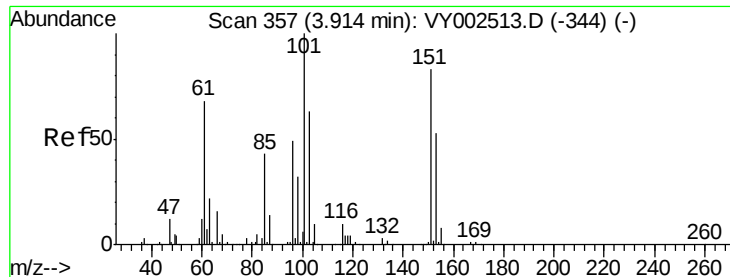


#8

Diethyl Ether
 Concen: 54.124 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion: 74 Resp: 102609
 Ion Ratio Lower Upper
 74 100
 45 91.5 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.475 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

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MSVOA_Y

ClientSampleId :

VSTDCCC050

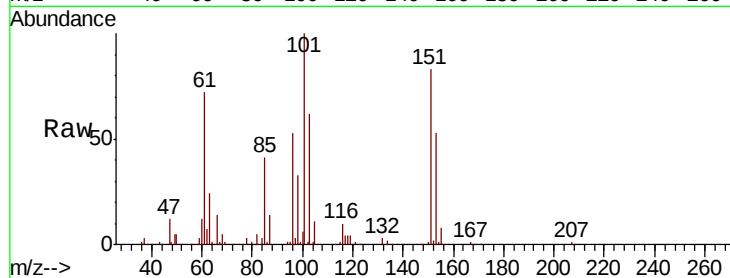
Tot Ion:101 Resp: 184379

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

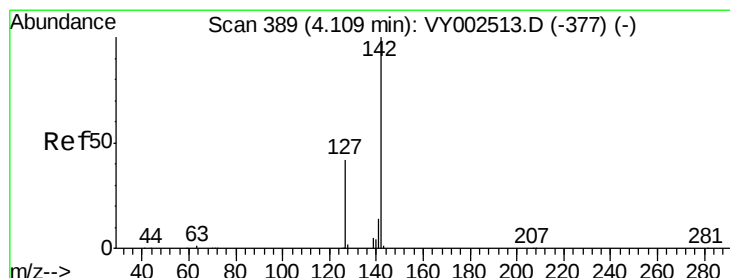
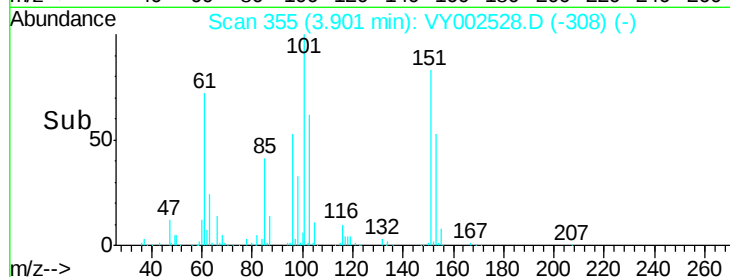
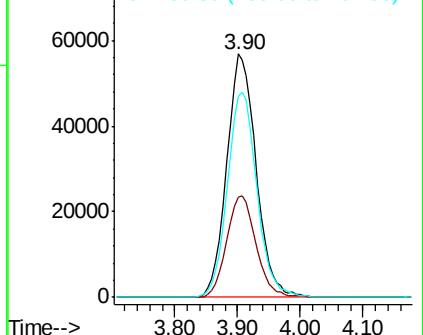
151 84.8 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.865 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

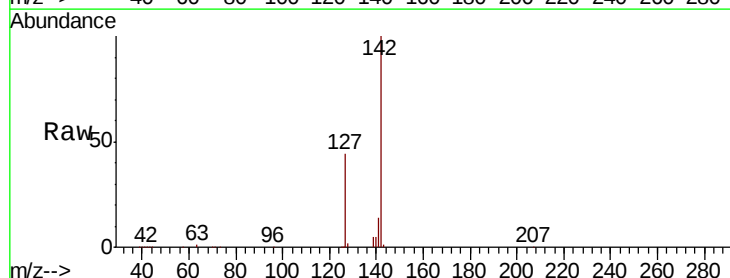
Tgt Ion:142 Resp: 248327

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

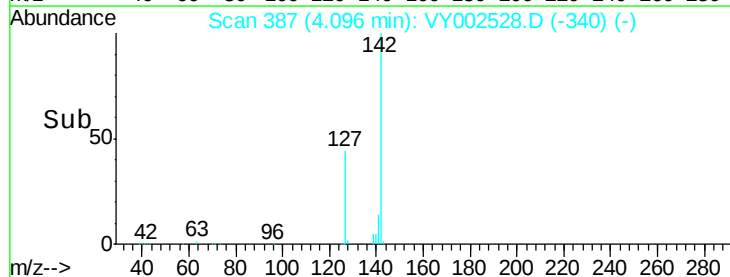
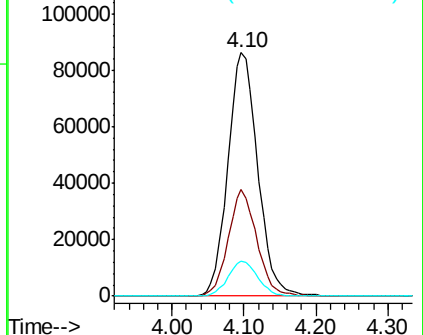
141 14.4 11.4 17.0



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



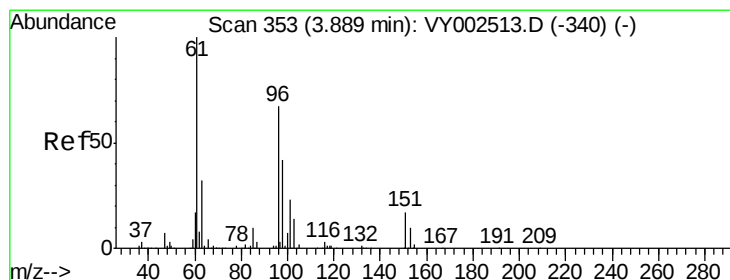
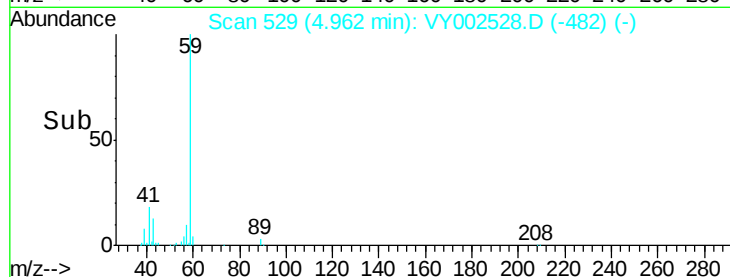
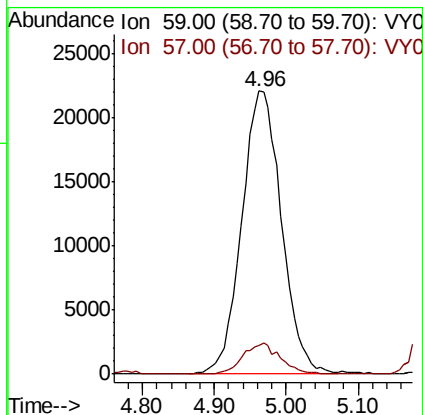
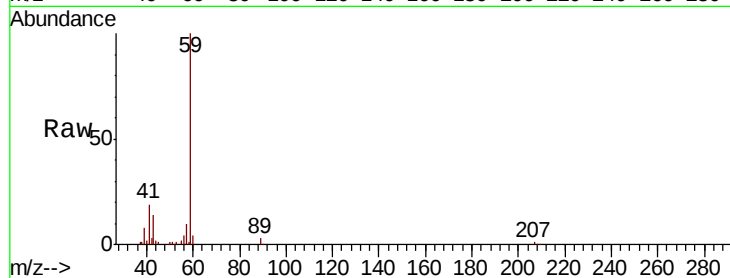


#11

Tert butyl alcohol
 Concen: 251.494 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

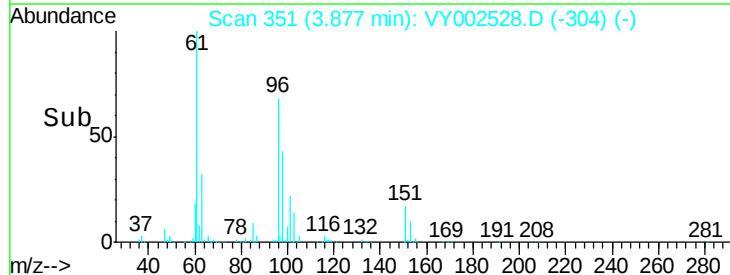
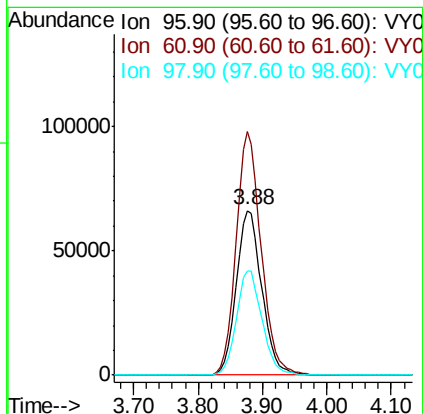
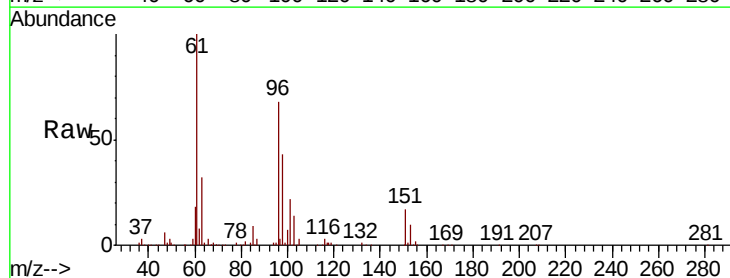
Tot Ion: 59 Resp: 84650
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

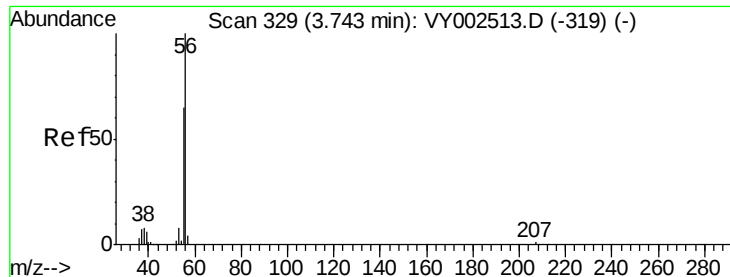


#12

1,1-Dichloroethene
 Concen: 54.418 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion: 96 Resp: 182275
 Ion Ratio Lower Upper
 96 100
 61 147.7 118.8 178.2
 98 63.4 49.6 74.4





#13

Acrolein

Concen: 331.065 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

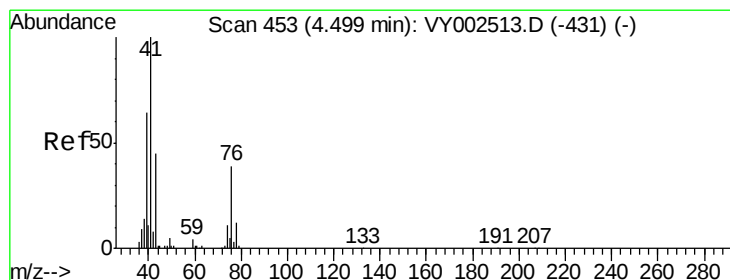
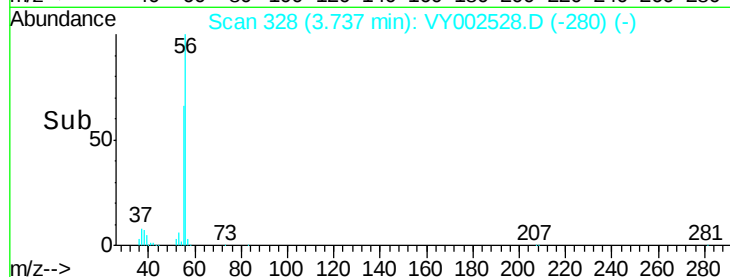
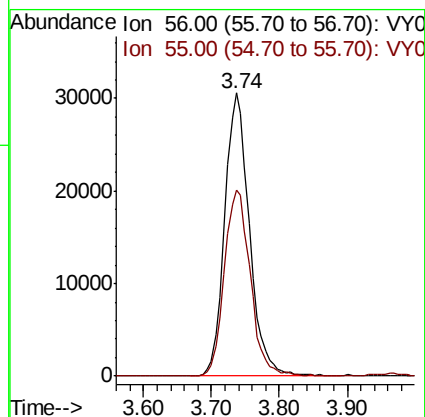
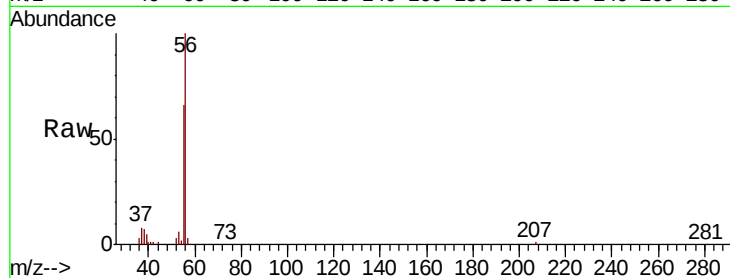
VSTDCCC050

Tot Ion: 56 Resp: 77056

Ion Ratio Lower Upper

56 100

55 69.0 53.8 80.6



#14

Allyl chloride

Concen: 54.718 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

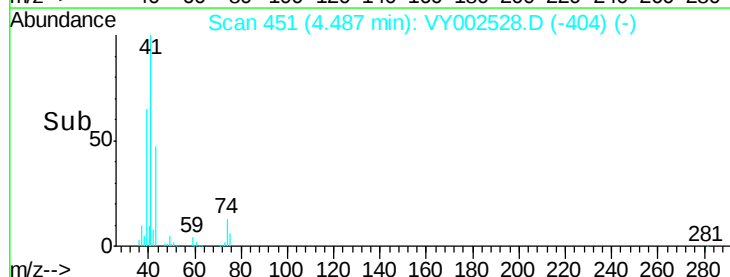
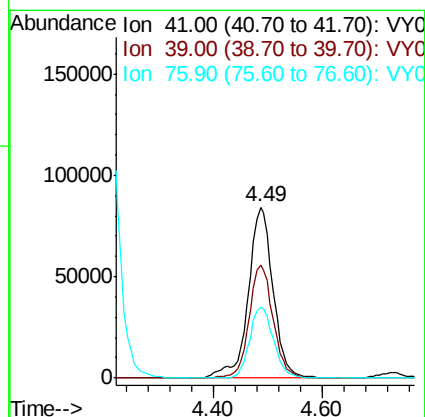
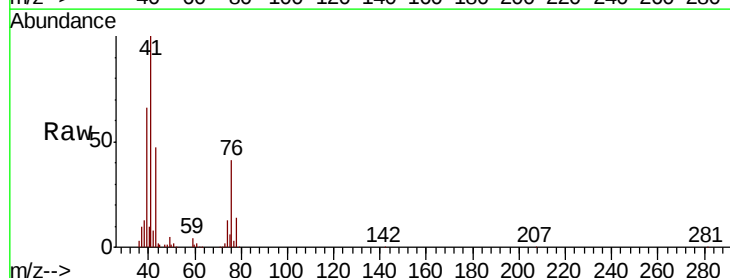
Tgt Ion: 41 Resp: 267040

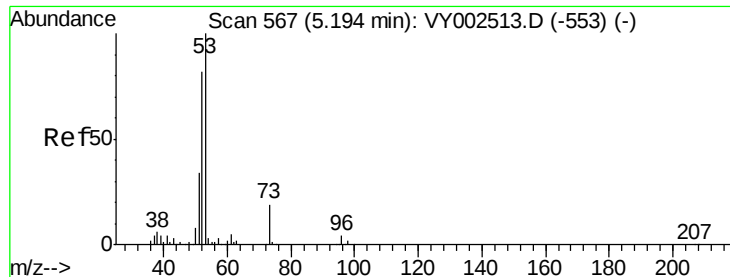
Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.6

76 40.0 31.7 47.5





#15

Acrylonitrile

Concen: 275.900 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

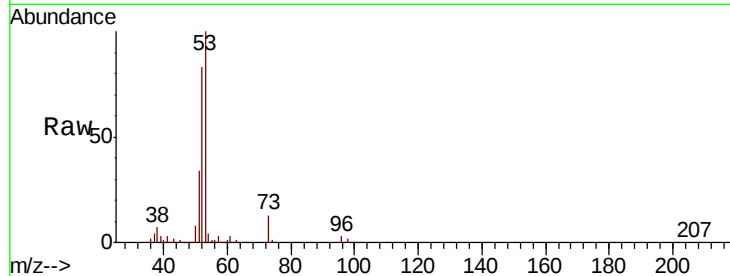
Tot Ion: 53 Resp: 246664

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.0

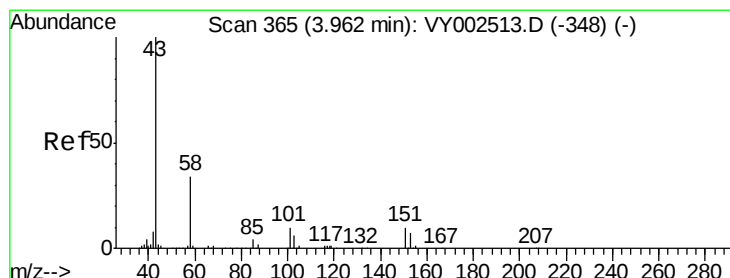
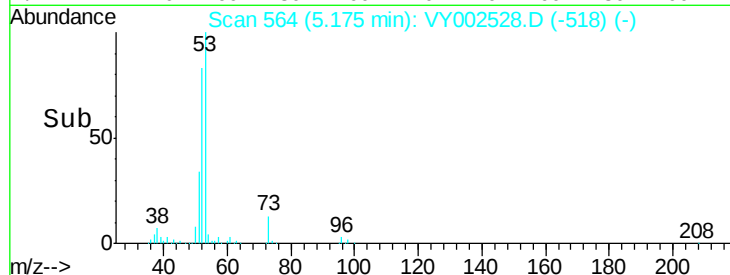
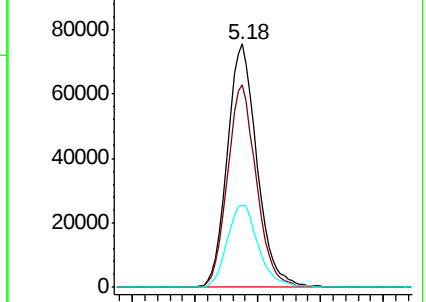
51 35.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY002513.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002513.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002513.D (-553) (-)



#16

Acetone

Concen: 297.624 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002528.D

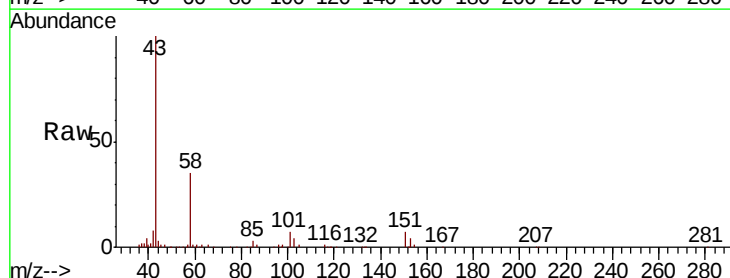
Acq: 04 May 2020 10:07

Tgt Ion: 43 Resp: 200950

Ion Ratio Lower Upper

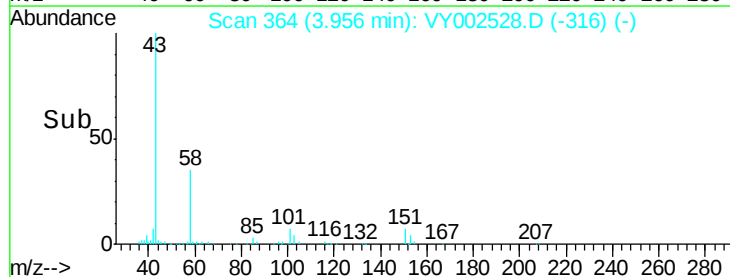
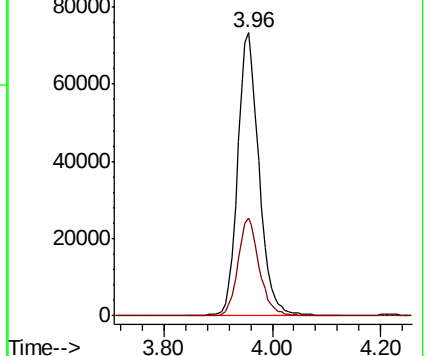
43 100

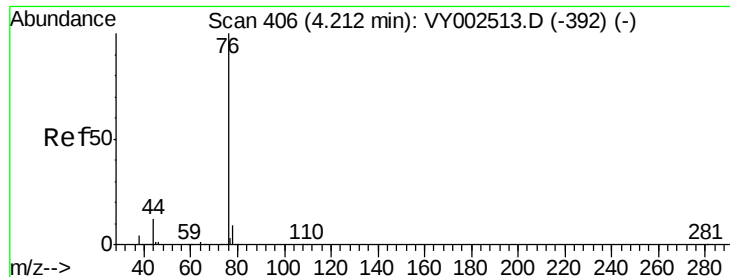
58 34.5 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

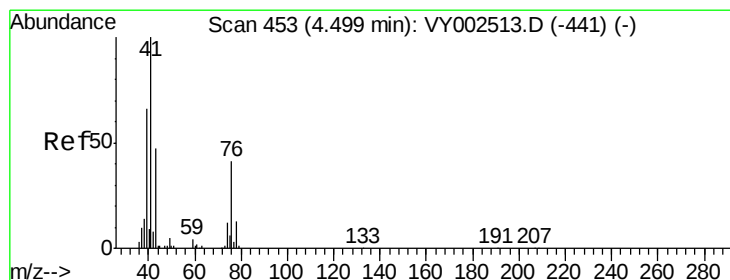
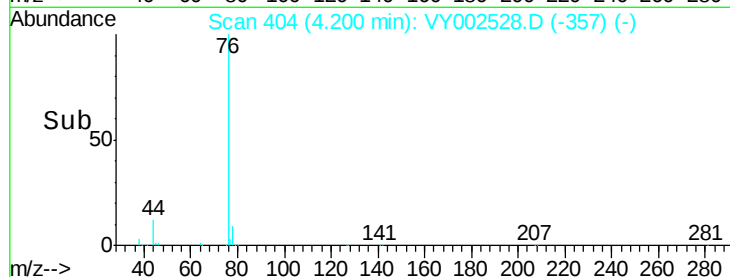
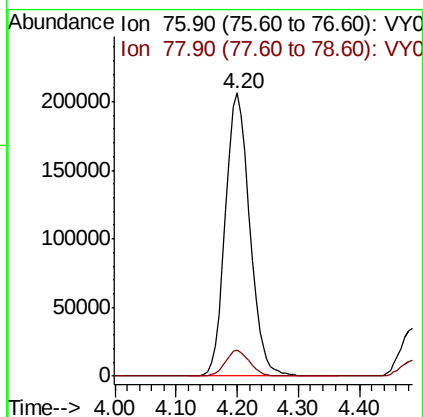
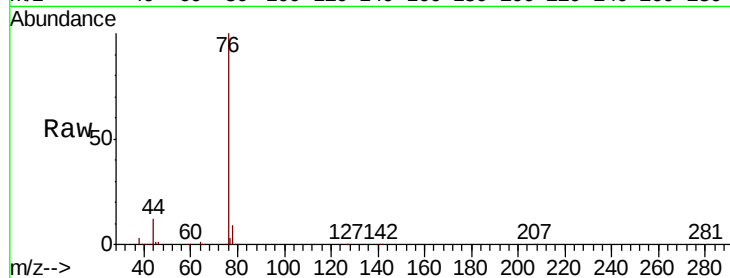




#17
Carbon Disulfide
Concen: 56.211 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

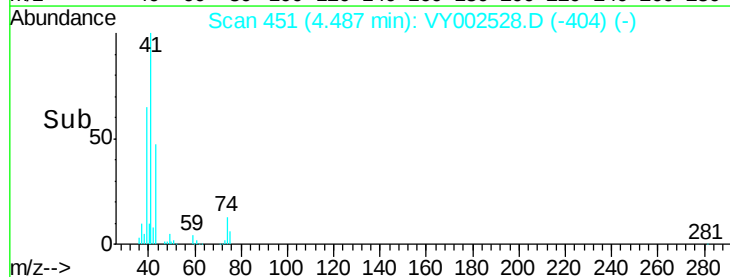
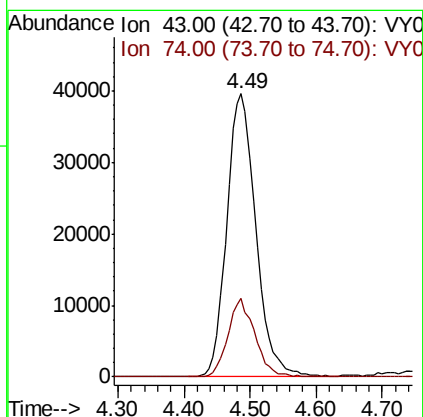
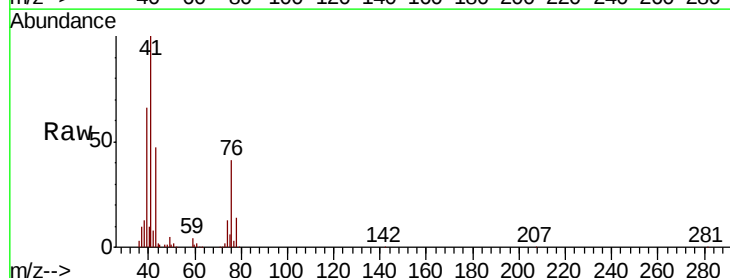
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

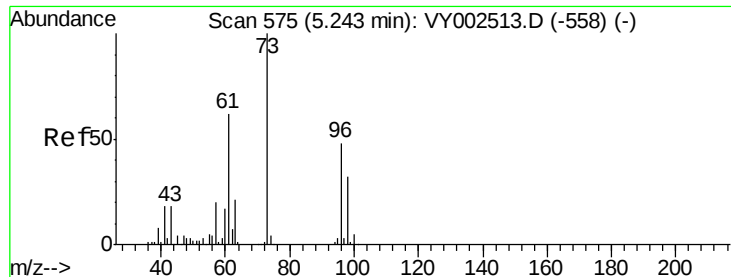
Tot Ion: 76 Resp: 566423
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 53.475 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 43 Resp: 120636
Ion Ratio Lower Upper
43 100
74 25.8 21.2 31.8

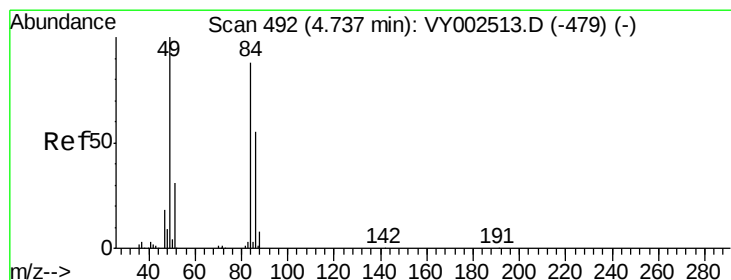
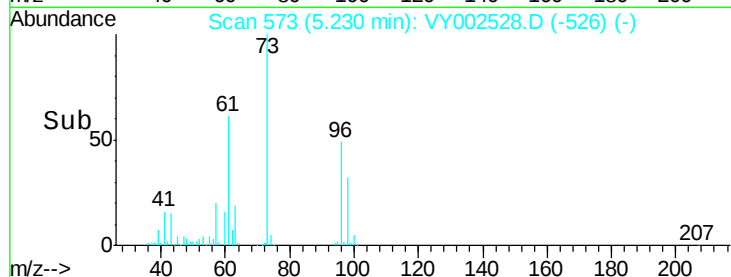
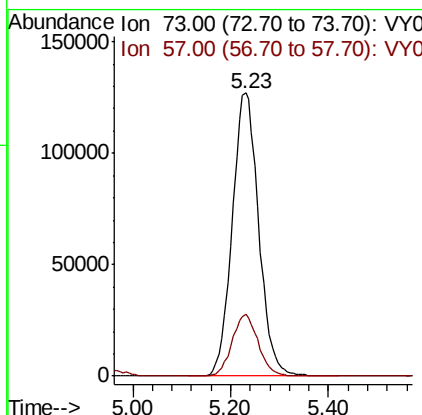
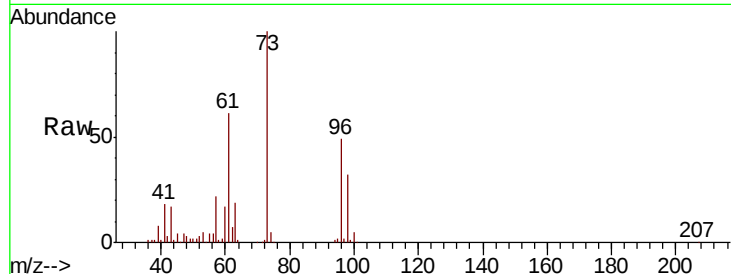




#19
Methyl tert-butyl Ether
Concen: 54.388 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

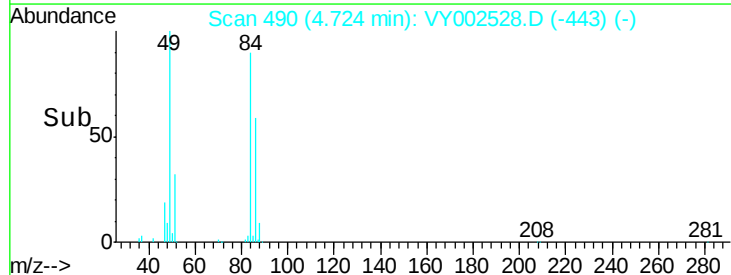
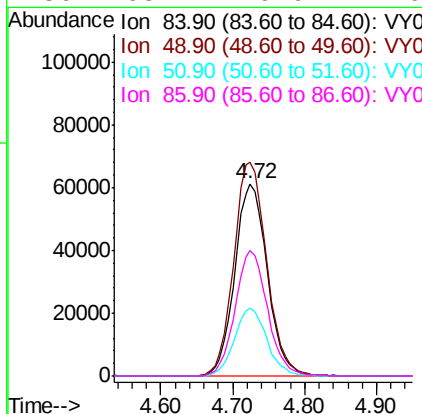
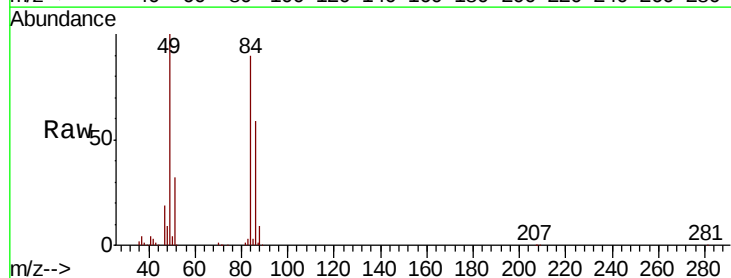
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

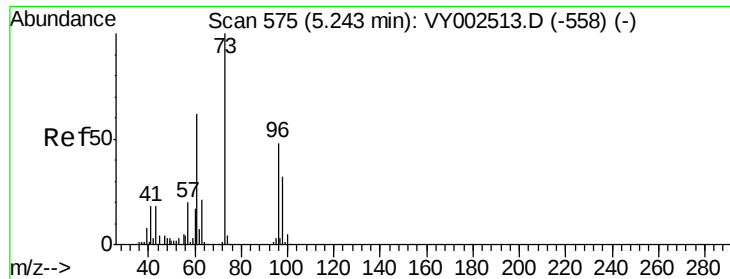
Tot Ion: 73 Resp: 475292
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5



#20
Methylene Chloride
Concen: 50.909 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 84 Resp: 192217
Ion Ratio Lower Upper
84 100
49 110.9 90.5 135.7
51 35.4 28.3 42.5
86 65.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 54.310 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

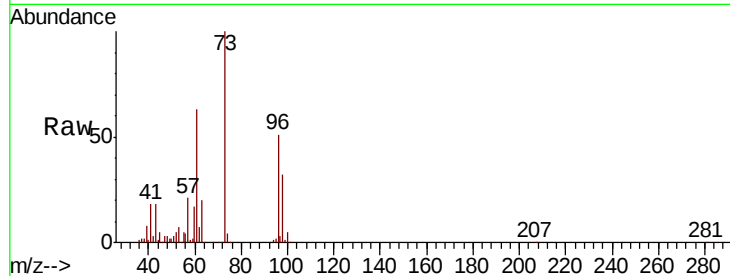
Tot Ion: 96 Resp: 198825

Ion Ratio Lower Upper

96 100

61 124.6 102.0 153.0

98 63.0 53.0 79.4

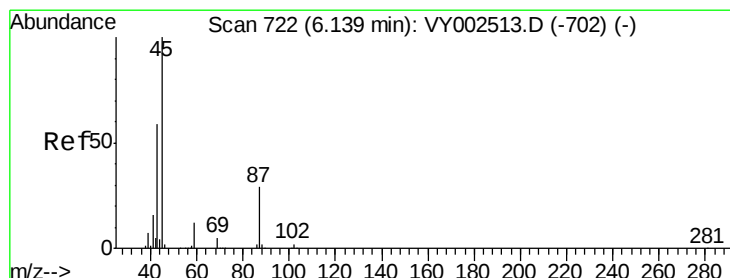
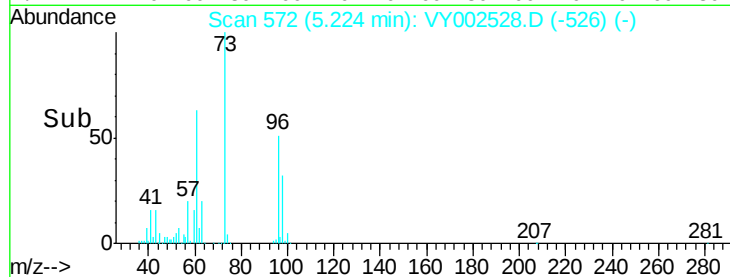
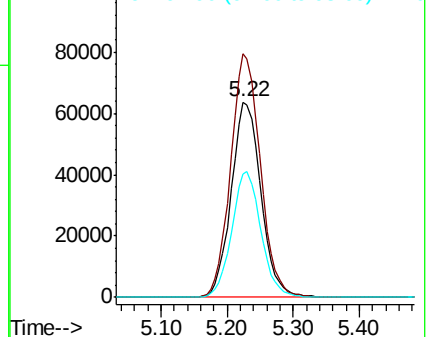


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.515 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion: 45 Resp: 528439

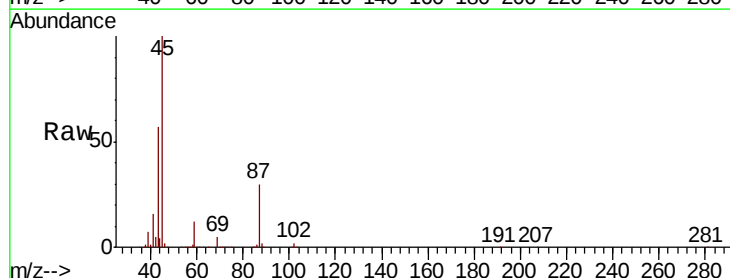
Ion Ratio Lower Upper

45 100

43 57.0 47.4 71.0

87 30.0 24.0 36.0

59 12.2 9.8 14.8



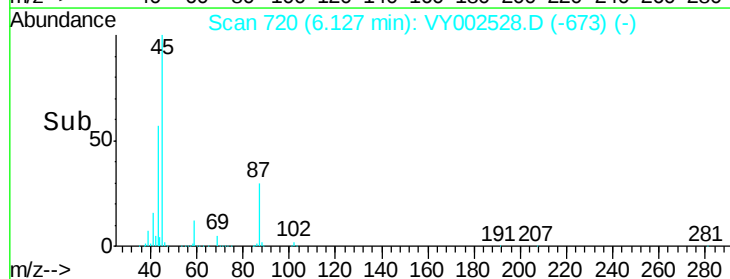
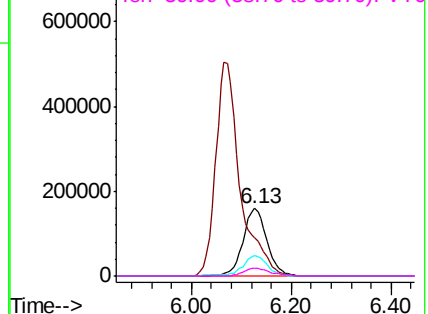
Abundance

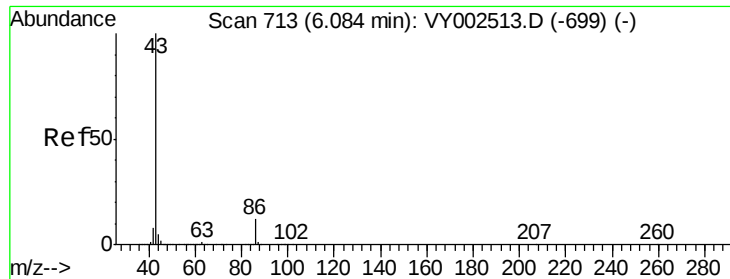
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 274.937 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

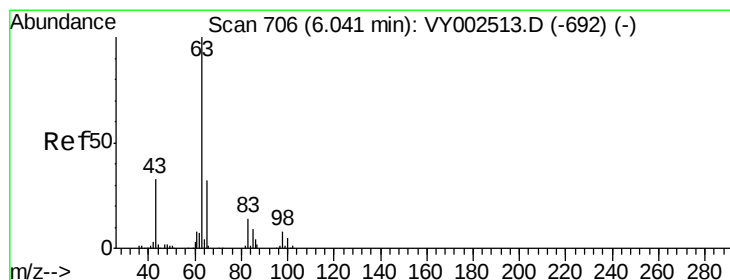
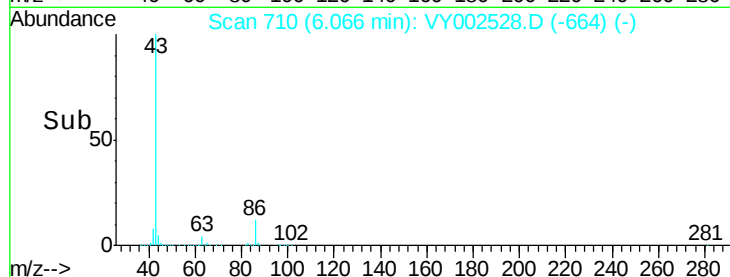
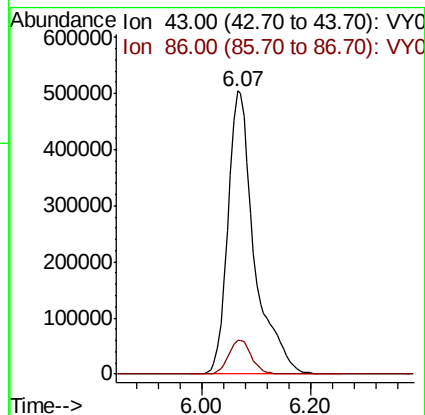
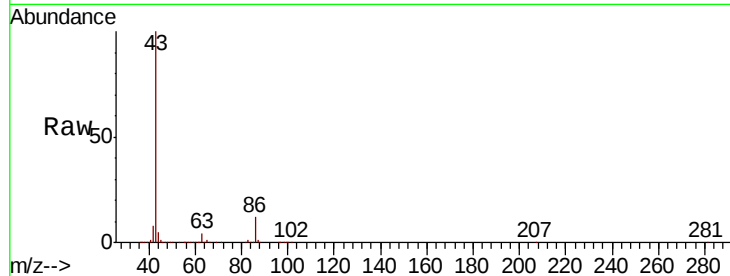
VSTDCCC050

Tot Ion: 43 Resp: 1707399

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.6



#24

1,1-Dichloroethane

Concen: 53.121 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

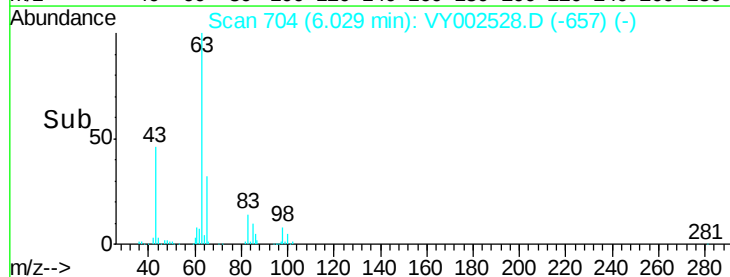
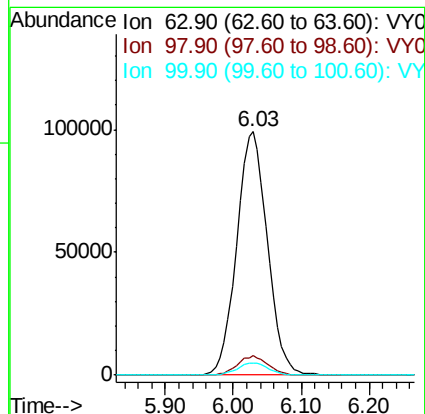
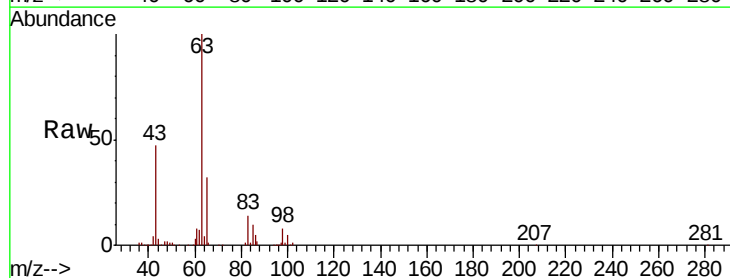
Tgt Ion: 63 Resp: 310323

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 269.322 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

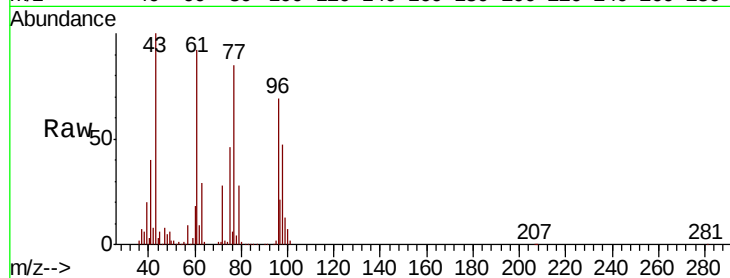
VSTDCCC050

Tot Ion: 43 Resp: 297663

Ion Ratio Lower Upper

43 100

72 27.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

120000

100000

80000

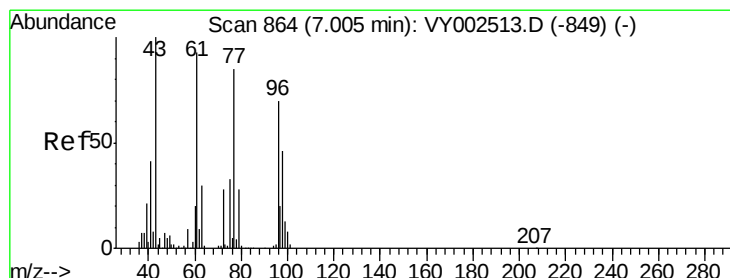
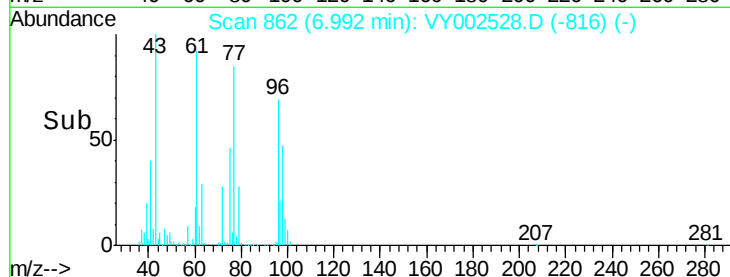
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.361 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.02 min

Lab File: VY002528.D

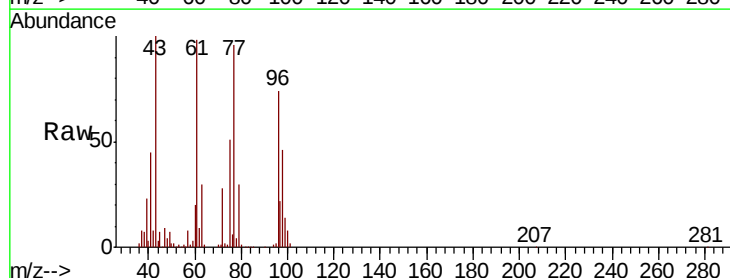
Acq: 04 May 2020 10:07

Tgt Ion: 77 Resp: 290753

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

100000

80000

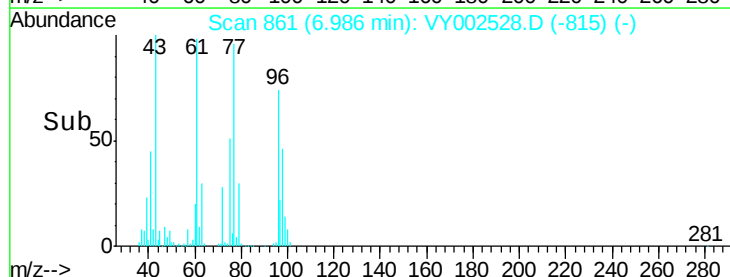
60000

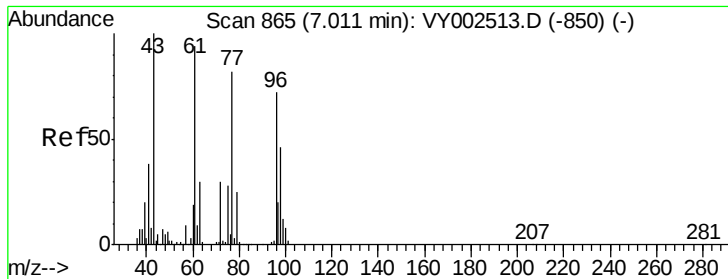
40000

20000

0

Time-->



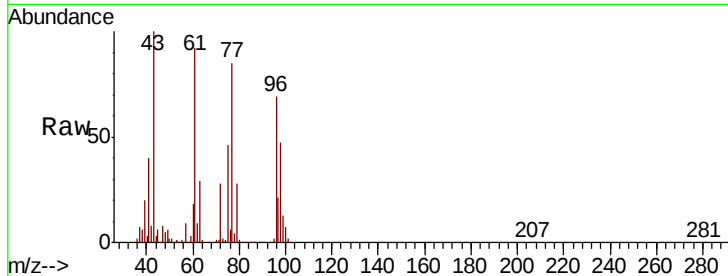


#27

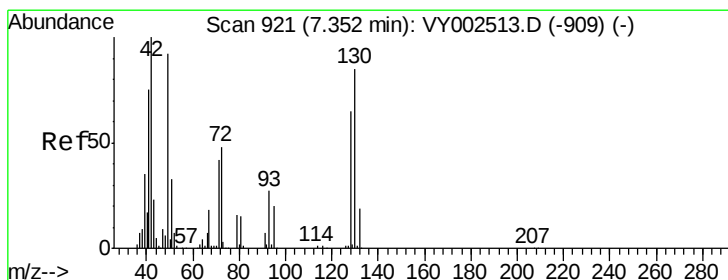
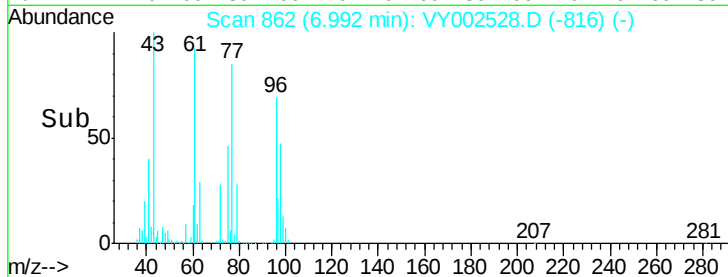
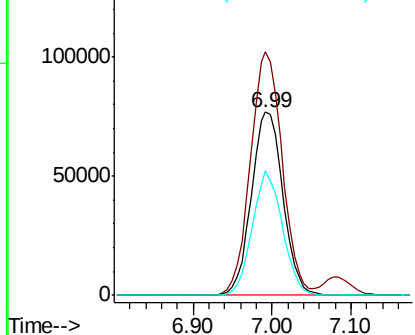
cis-1,2-Dichloroethene
 Concen: 52.916 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	214352
Ion Ratio	Lower	Upper	
96	100		
61	133.9	0.0	266.6
98	64.9	0.0	129.2



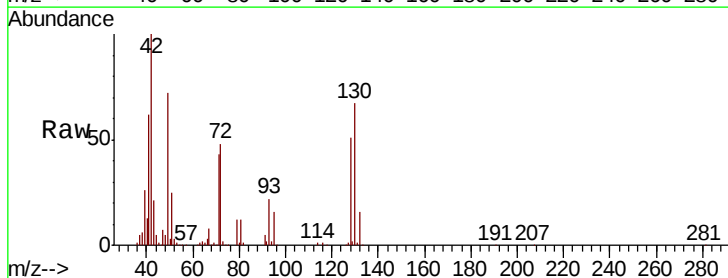
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



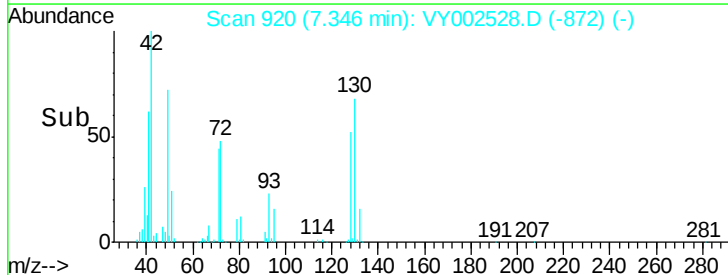
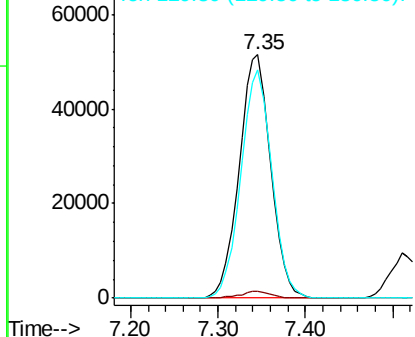
#28

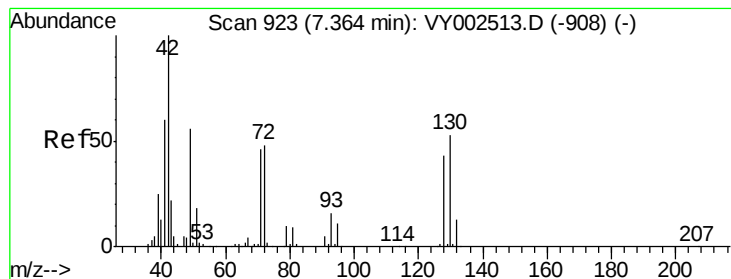
Bromochloromethane
 Concen: 53.944 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	49	Resp	129116
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	4.8
130	92.0	72.5	108.7



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





#29

Tetrahydrofuran

Concen: 277.997 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

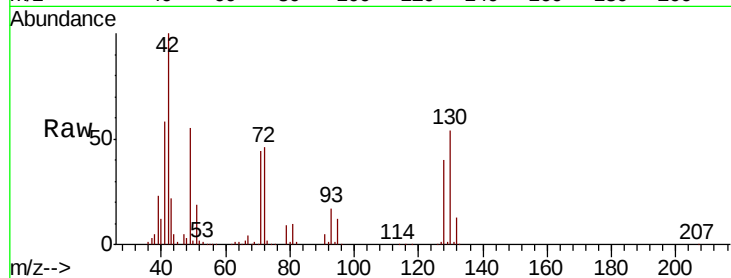
Tot Ion: 42 Resp: 203282

Ion Ratio Lower Upper

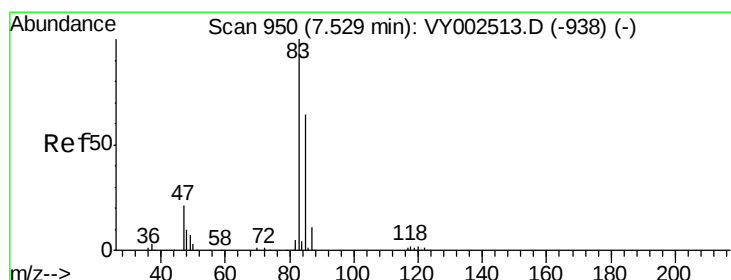
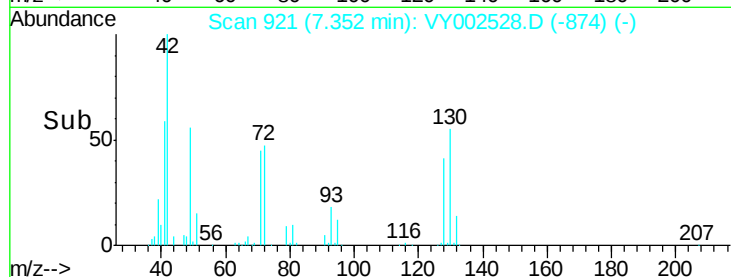
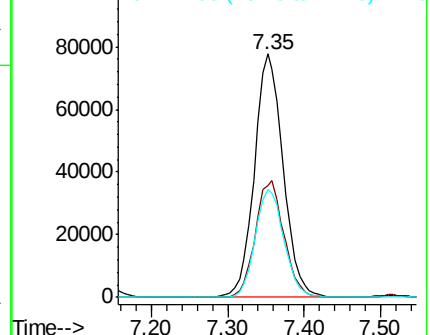
42 100

72 48.0 37.4 56.2

71 44.3 35.0 52.4



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: 52.794 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002528.D

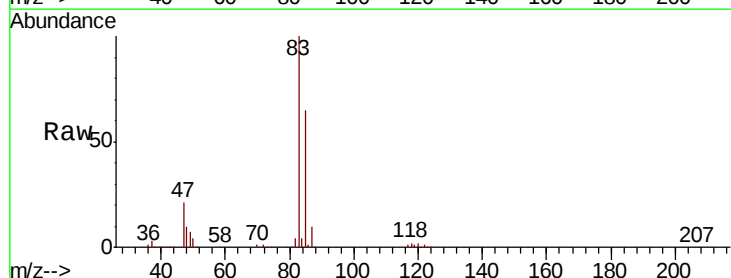
Acq: 04 May 2020 10:07

Tgt Ion: 83 Resp: 320678

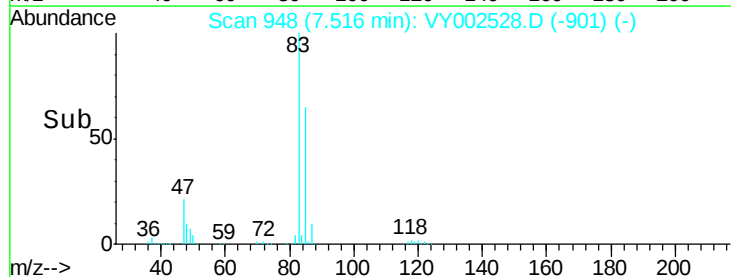
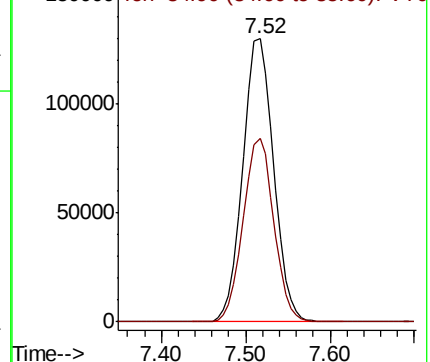
Ion Ratio Lower Upper

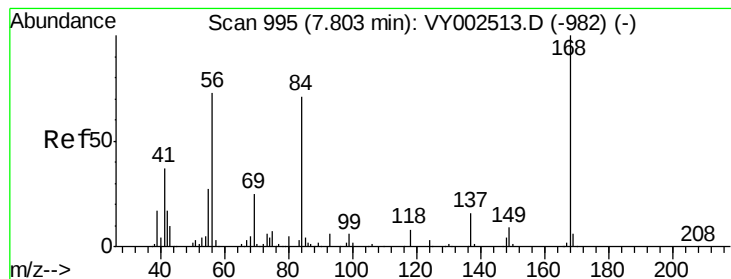
83 100

85 65.0 51.5 77.3



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





#31

Cyclohexane

Concen: 51.306 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

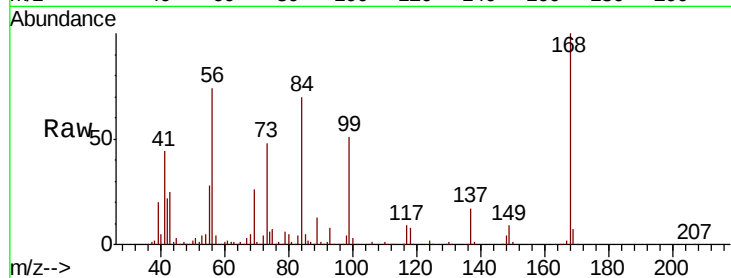
Tot Ion: 56 Resp: 301696

Ion Ratio Lower Upper

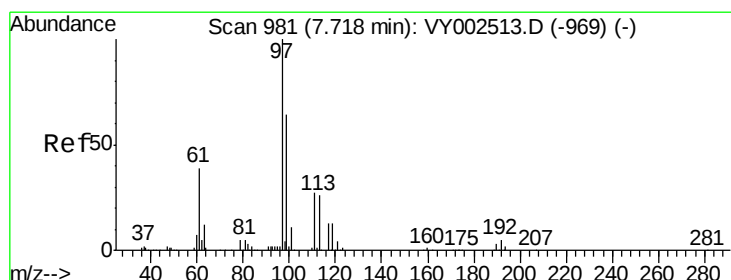
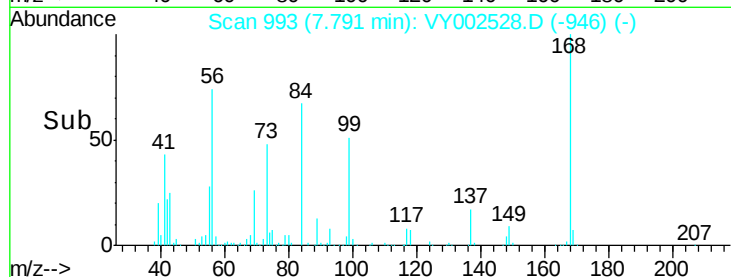
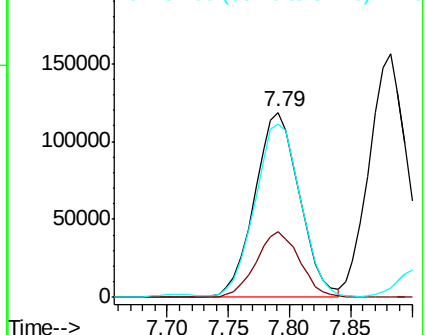
56 100

69 35.5 27.6 41.4

84 92.7 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 52.999 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

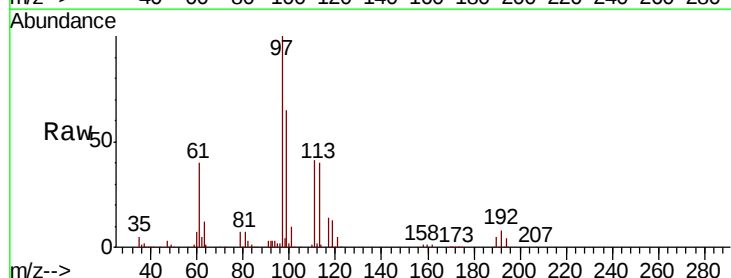
Tgt Ion: 97 Resp: 299218

Ion Ratio Lower Upper

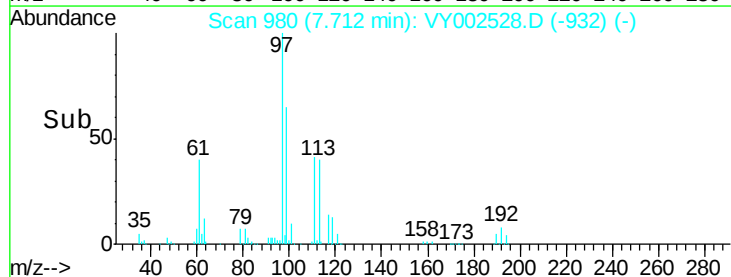
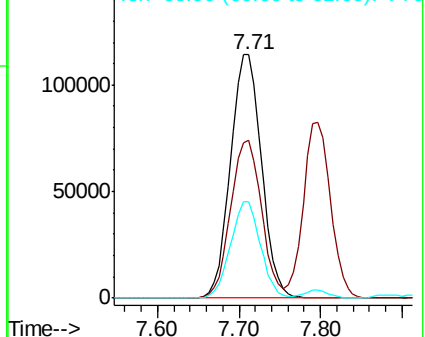
97 100

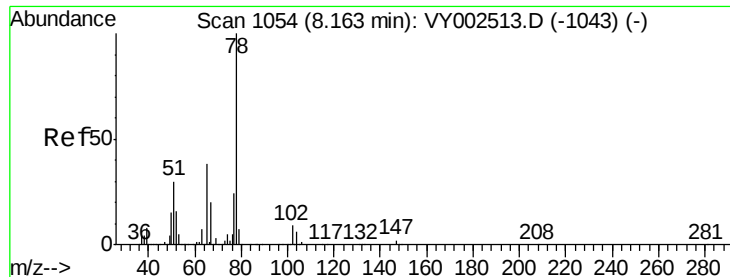
99 64.6 51.9 77.9

61 38.3 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

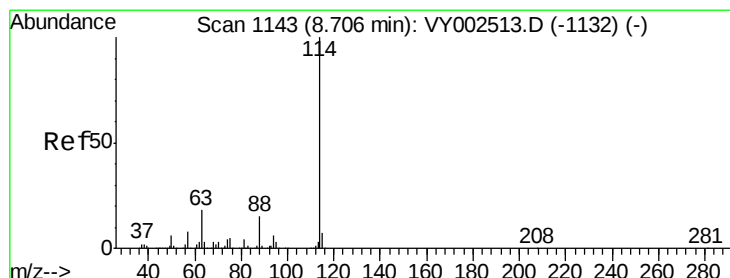
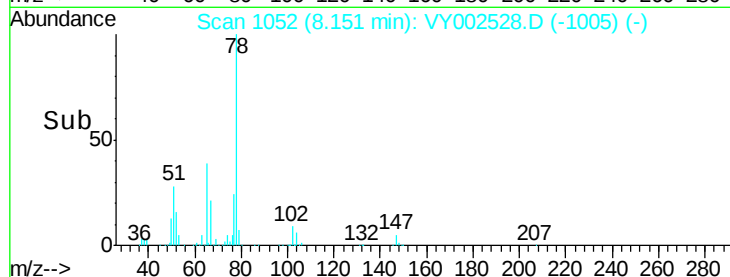
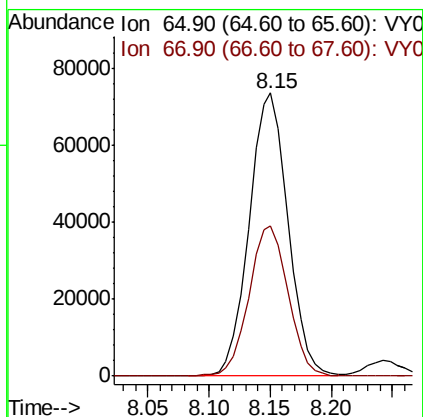
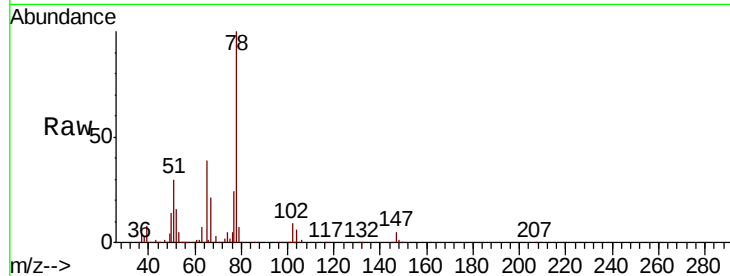




#33
 1,2-Dichloroethane-d4
 Concen: 49.595 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

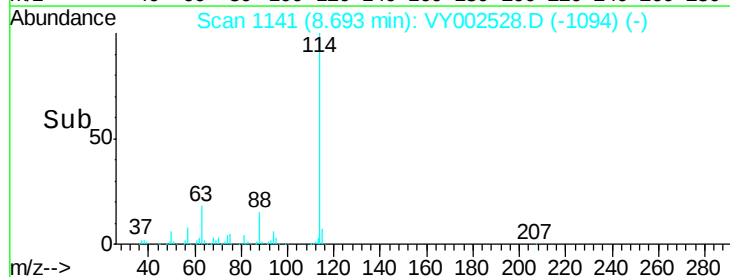
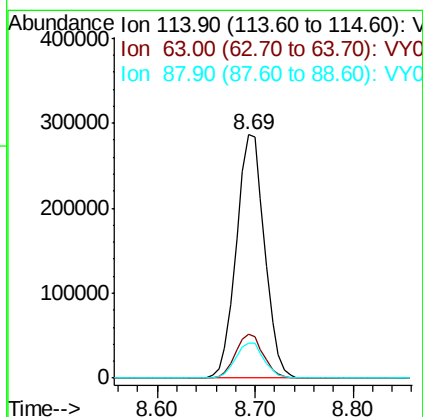
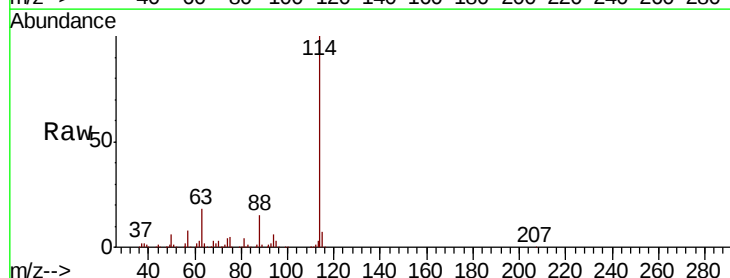
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 162255
 Ion Ratio Lower Upper
 65 100
 67 53.6 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: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion: 114 Resp: 572929
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.6 0.0 29.6

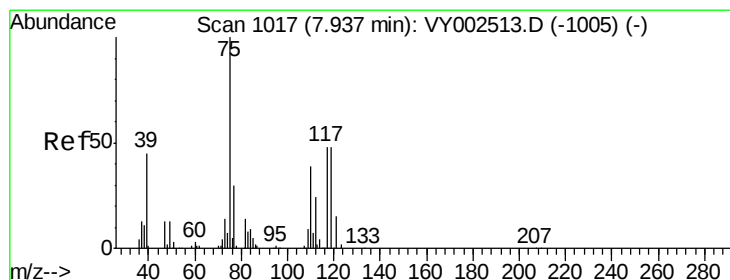
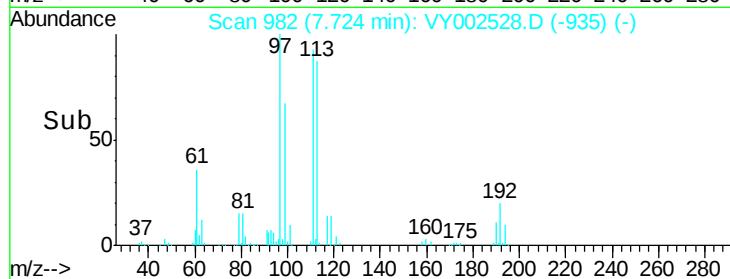
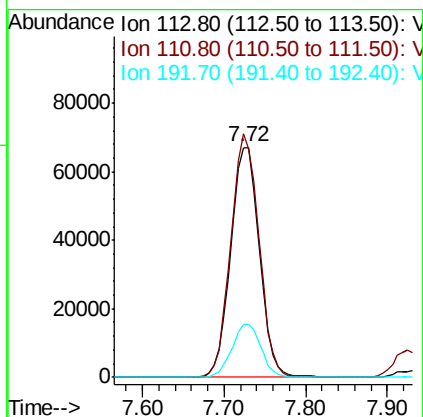
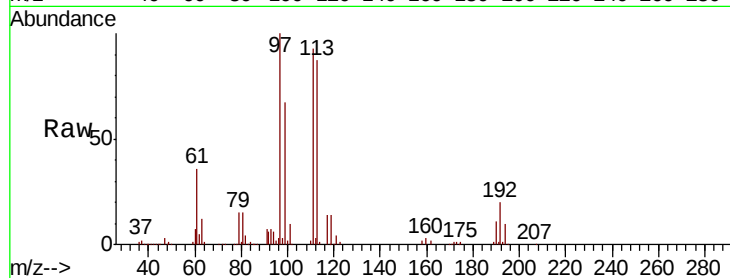




#35
 Dibromofluoromethane
 Concen: 49.615 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

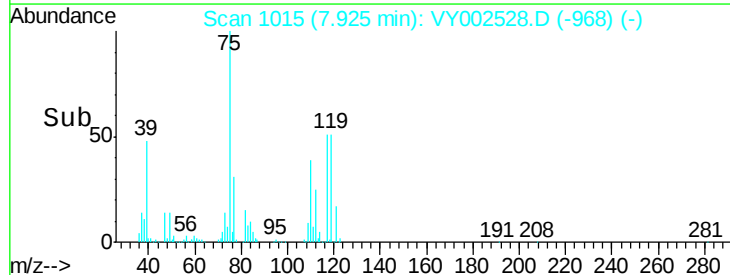
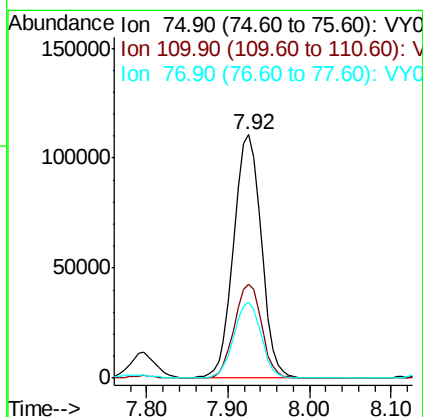
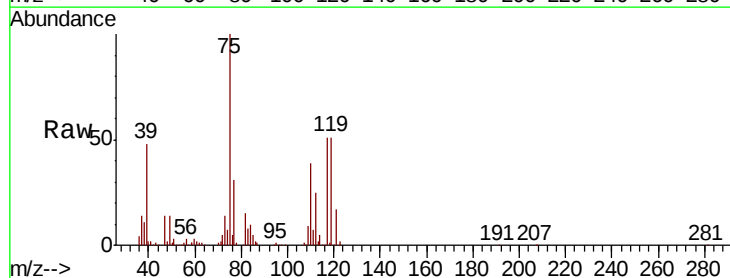
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

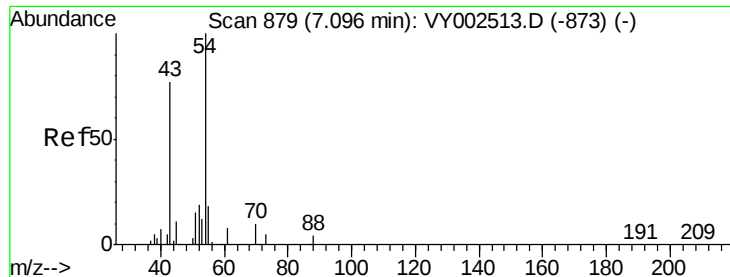
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	23.2	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 53.892 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.1	57.3
77	31.0	24.6	37.0

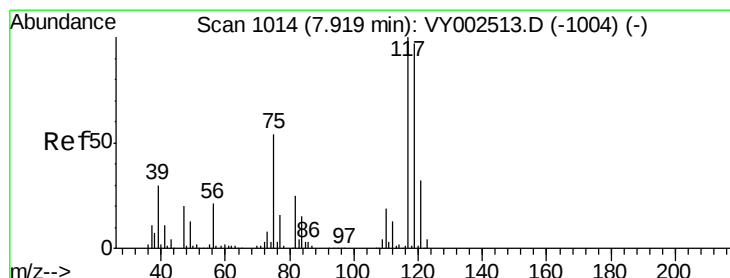
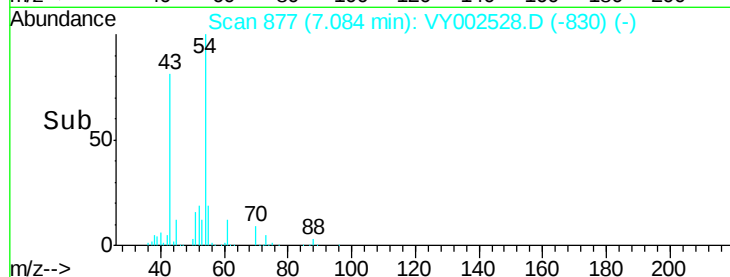
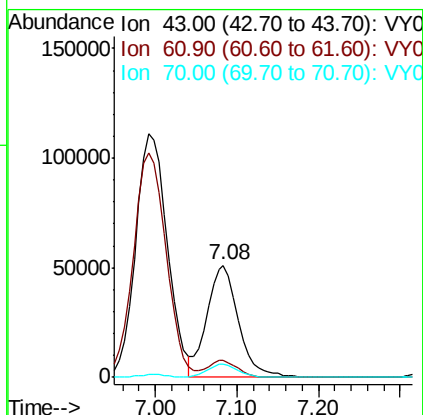
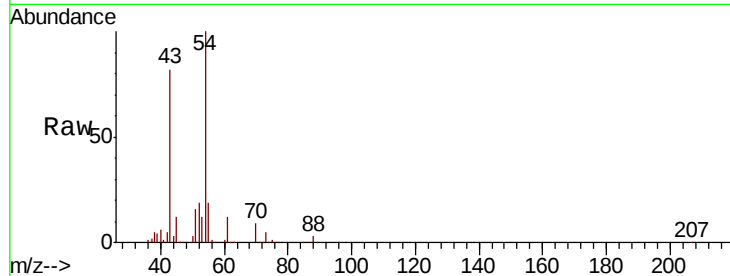




#37
Ethyl Acetate
Concen: 55.817 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

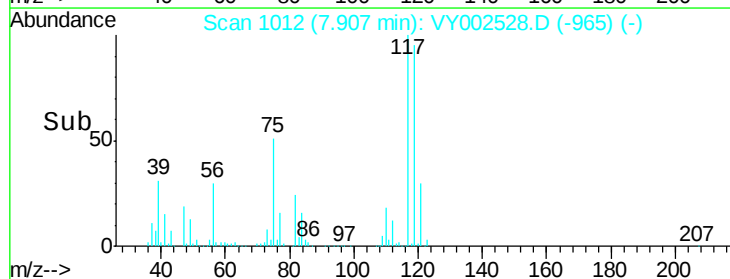
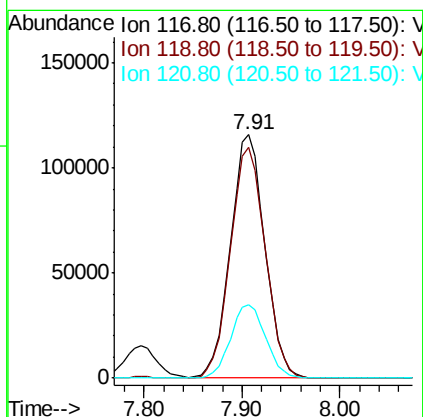
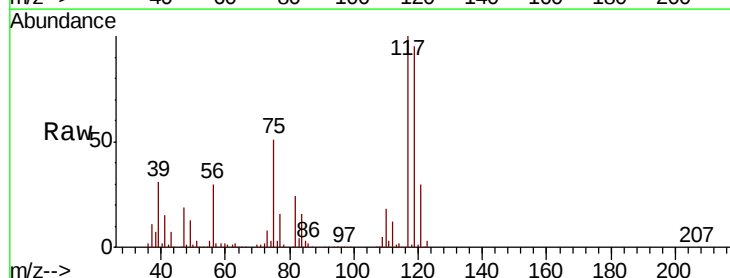
Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050

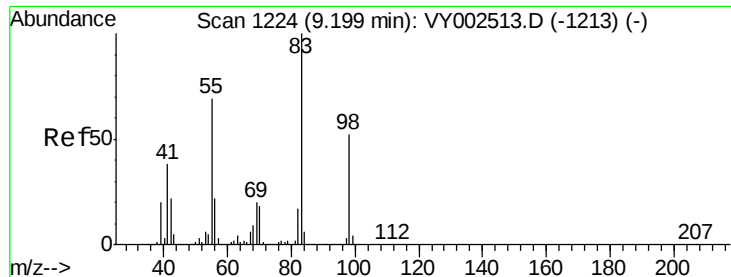
Tot Ion: 43 Resp: 137763
Ion Ratio Lower Upper
43 100
61 14.0 11.6 17.4
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 53.925 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 117 Resp: 282765
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
121 30.1 25.2 37.8

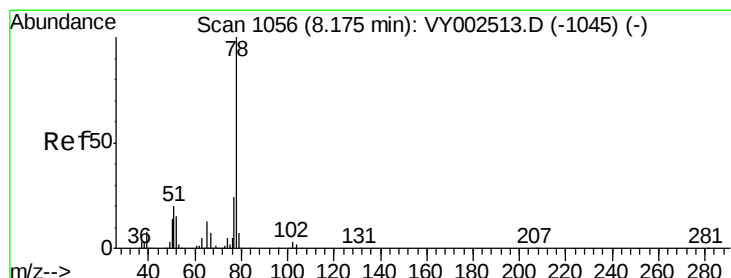
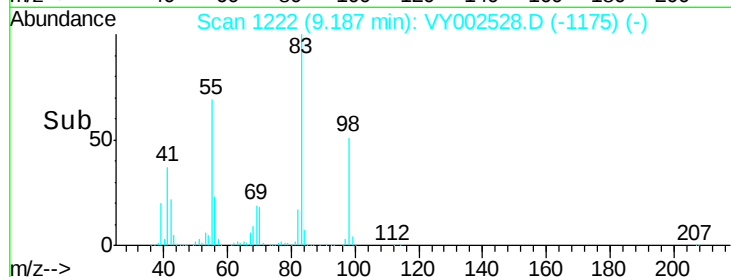
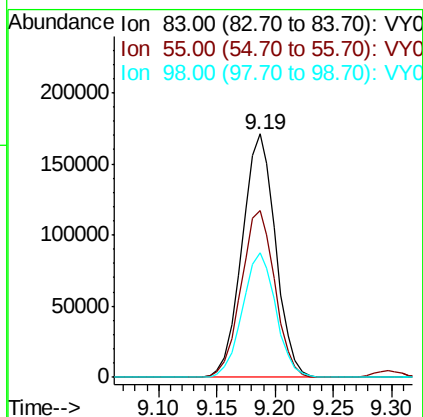
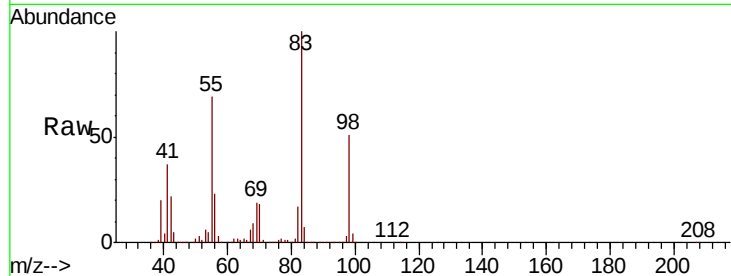




#39
Methvlcvclohexane
Concen: 53.974 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

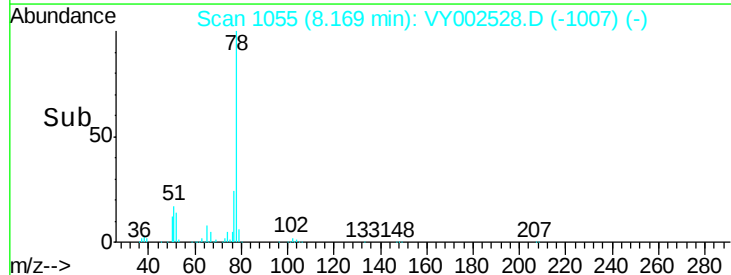
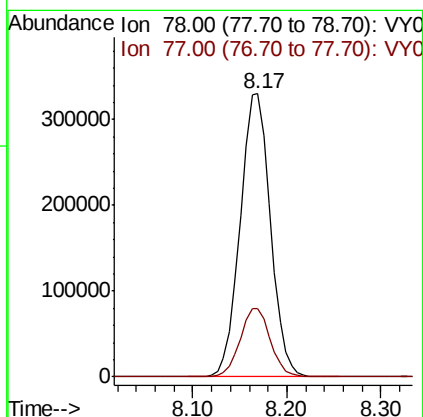
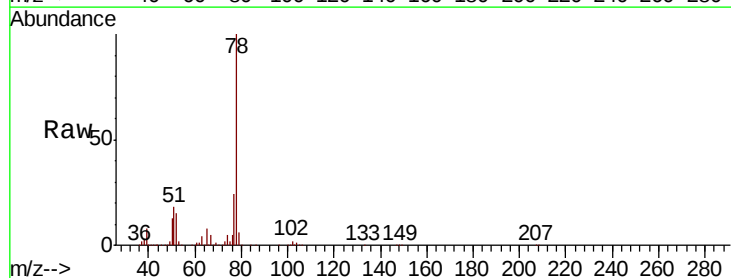
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 342396
Ion Ratio Lower Upper
83 100
55 68.5 55.4 83.0
98 50.9 41.3 61.9



#40
Benzene
Concen: 53.524 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 78 Resp: 742477
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

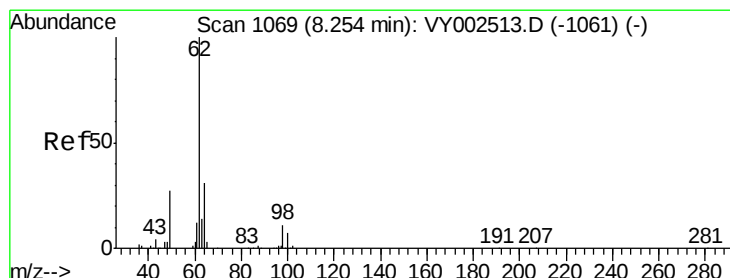
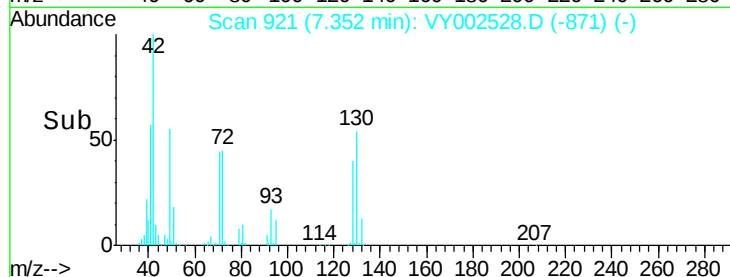
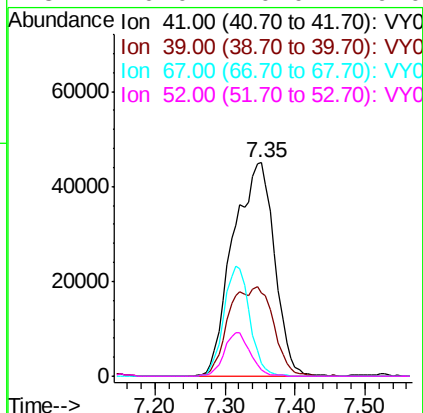
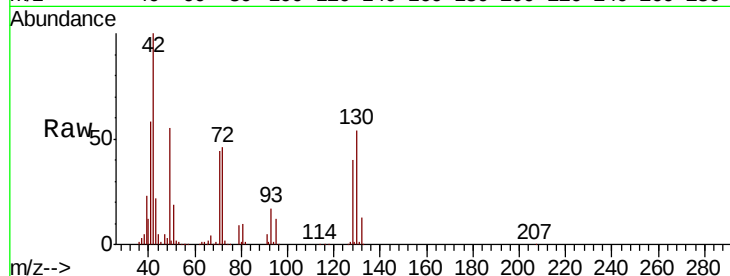




#41
Methacrylonitrile
Concen: 139.747 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

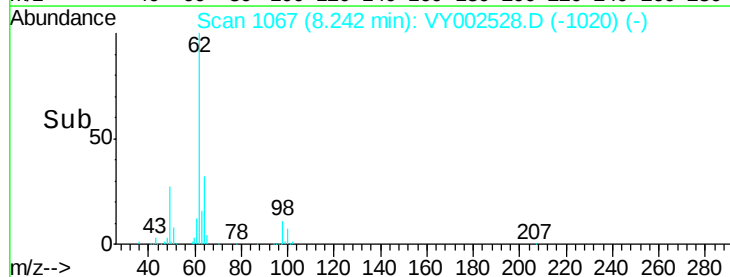
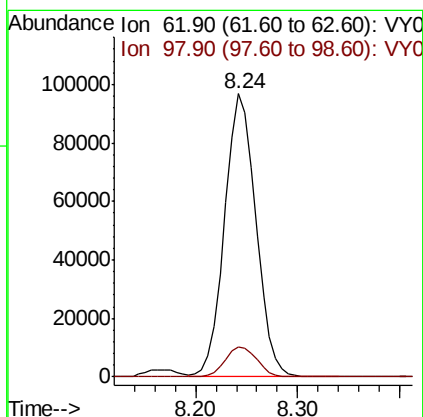
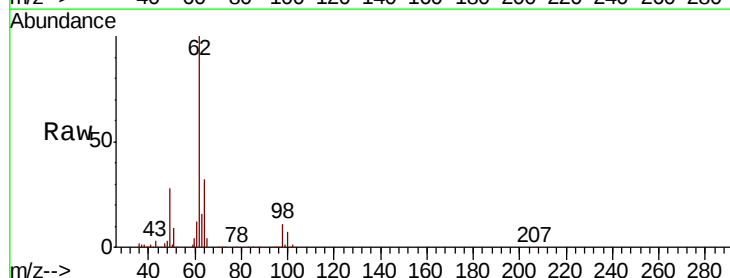
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

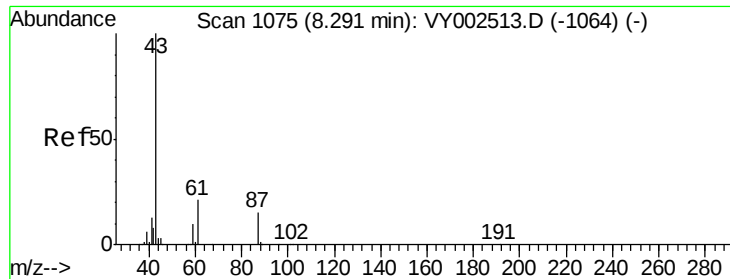
Tot Ion:	41	Resp:	185447
Ion	Ratio	Lower	Upper
41	100		
39	45.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.014 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion:	62	Resp:	206281
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 55.380 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

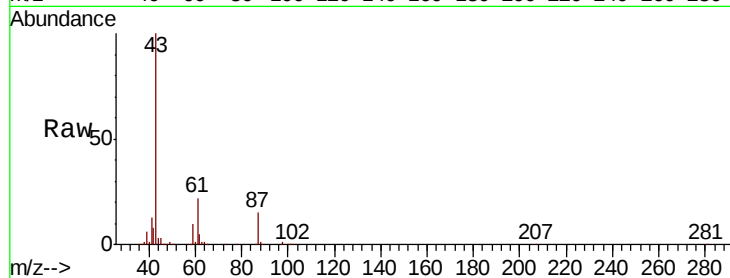
Tot Ion: 43 Resp: 256244

Ion Ratio Lower Upper

43 100

61 30.8 24.8 37.2

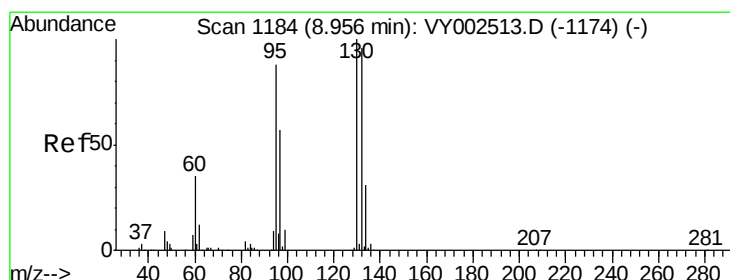
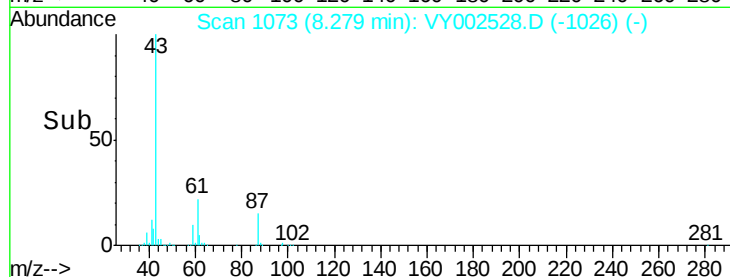
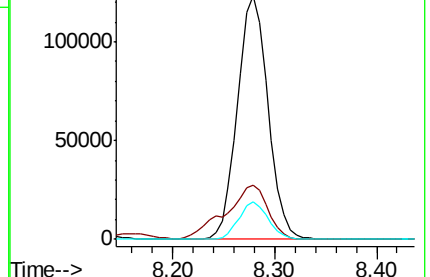
87 15.0 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002528.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002528.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002528.D (-1073) (-)



#44

Trichloroethene

Concen: 53.757 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002528.D

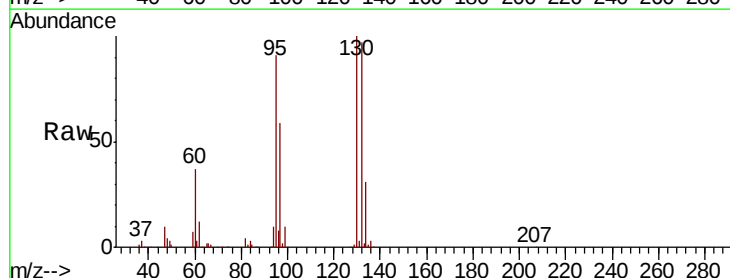
Acq: 04 May 2020 10:07

Tgt Ion:130 Resp: 233044

Ion Ratio Lower Upper

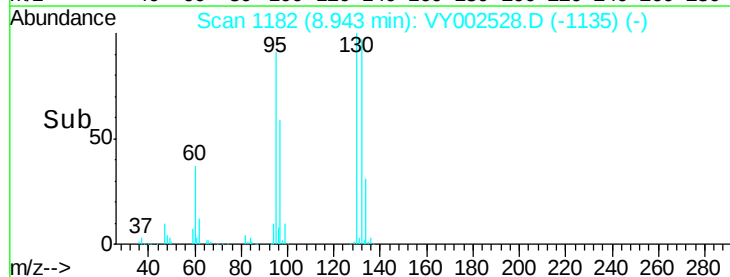
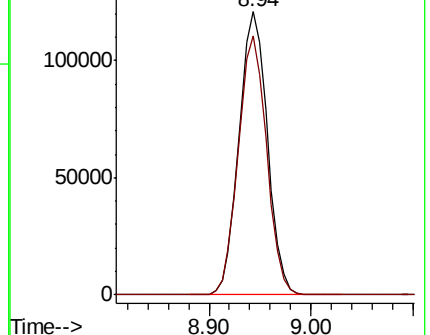
130 100

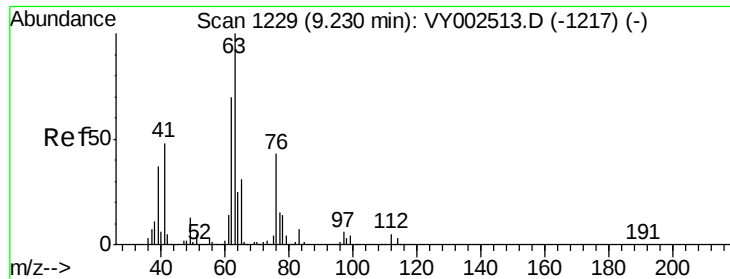
95 91.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002528.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002528.D (-1182) (-)

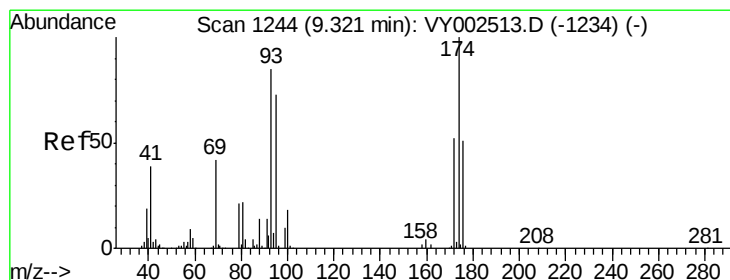
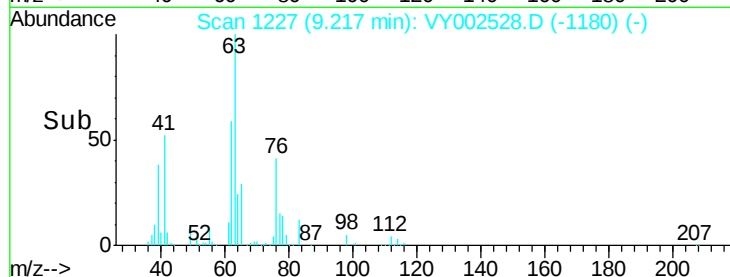
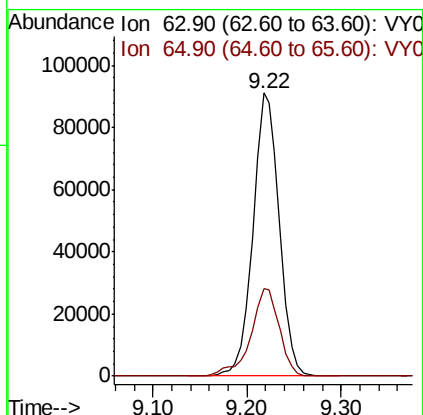
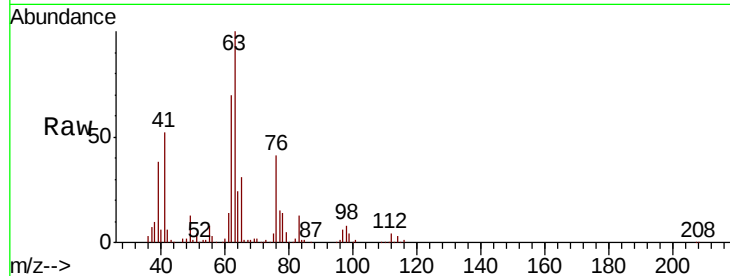




#45
 1,2-Dichloropropane
 Concen: 53.148 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

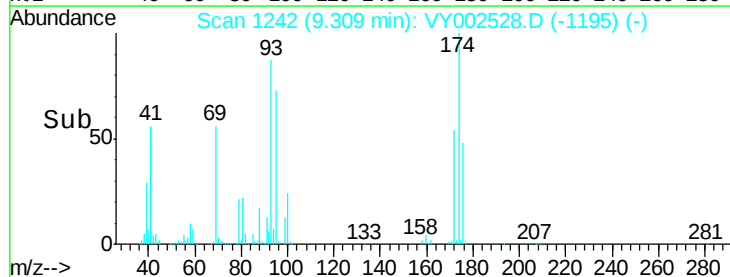
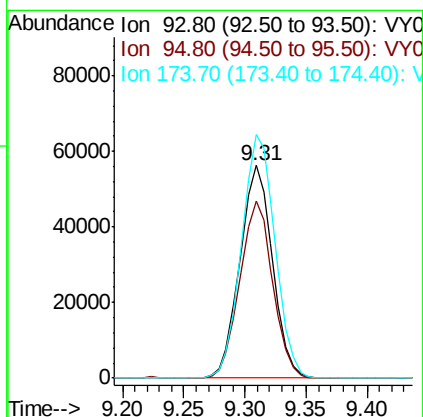
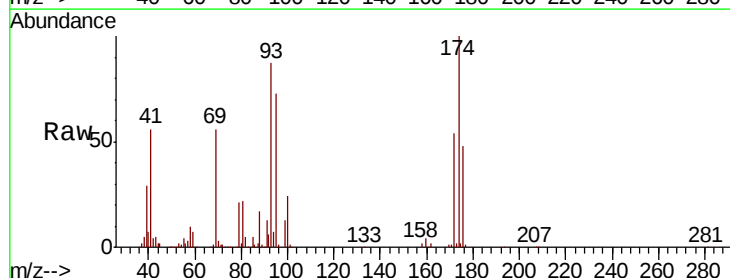
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

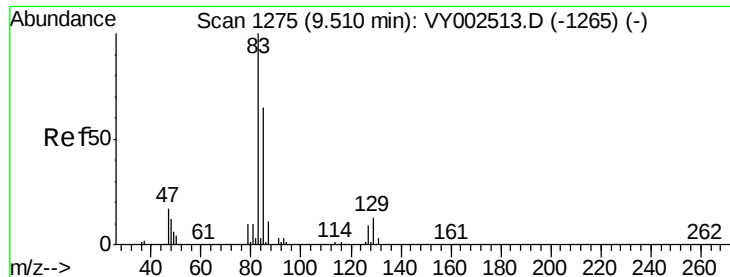
Tot Ion: 63 Resp: 177936
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 54.161 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion: 93 Resp: 104327
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 117.6 92.7 139.1





#47

Bromodichloromethane

Concen: 53.953 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

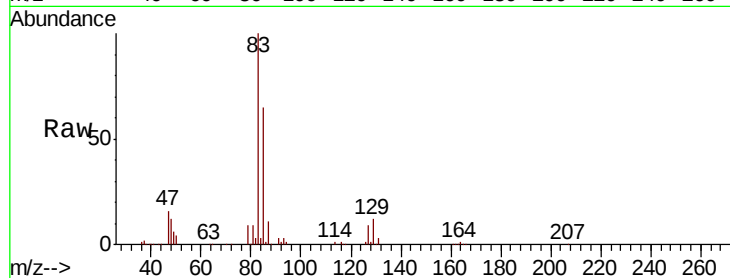
Tot Ion: 83 Resp: 252701

Ion Ratio Lower Upper

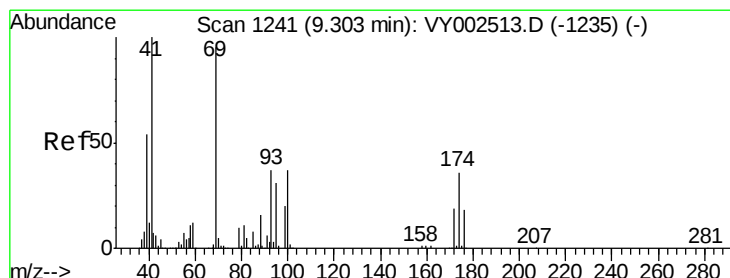
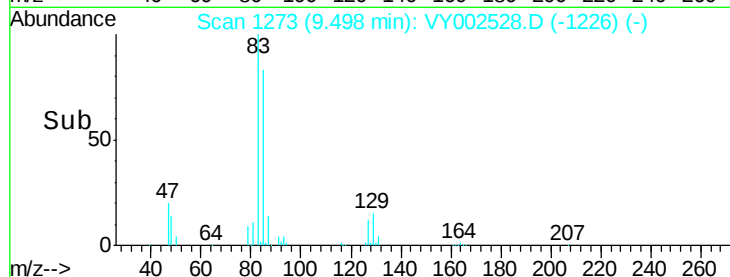
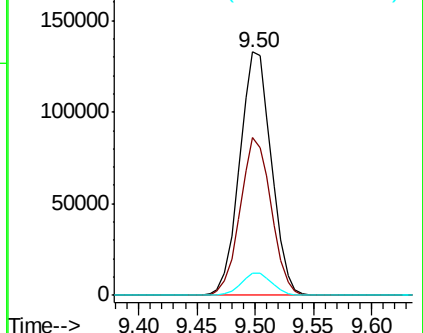
83 100

85 64.8 51.8 77.8

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 55.438 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

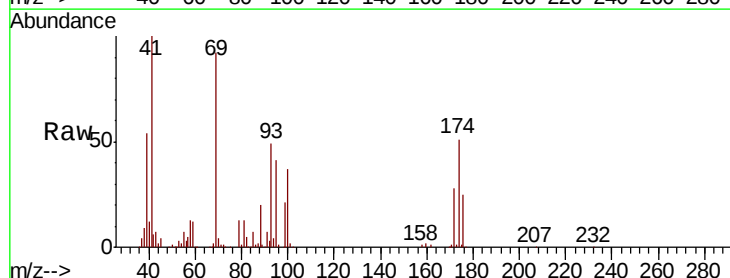
Tgt Ion: 41 Resp: 116089

Ion Ratio Lower Upper

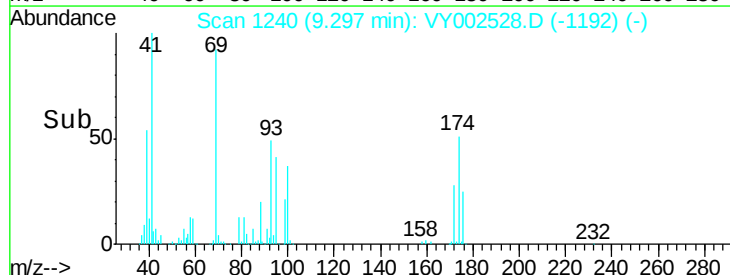
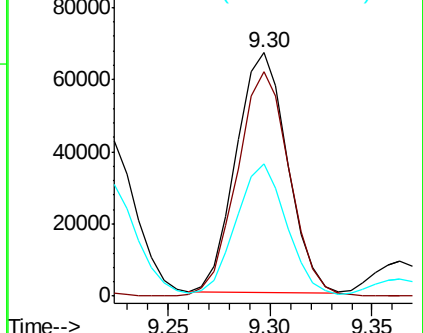
41 100

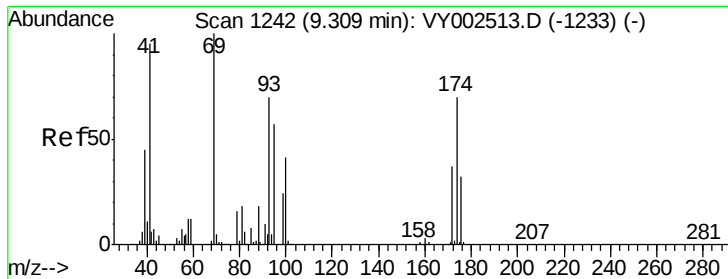
69 95.4 76.2 114.4

39 55.0 42.7 64.1



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: 1145.850 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

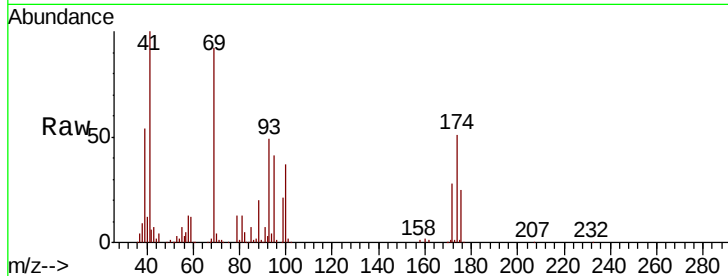
Tot Ion: 88 Resp: 29224

Ion Ratio Lower Upper

88 100

43 29.8 22.8 34.2

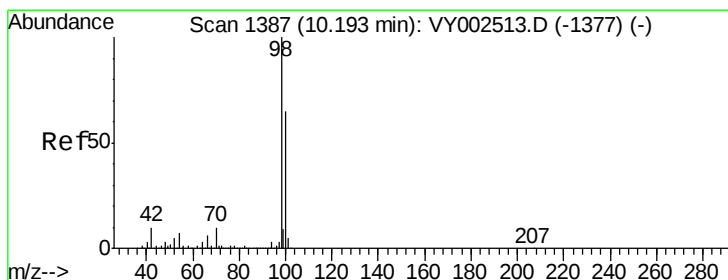
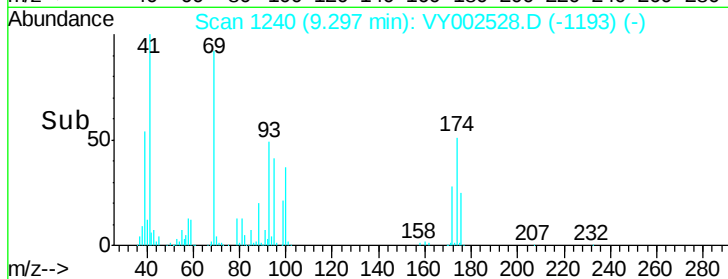
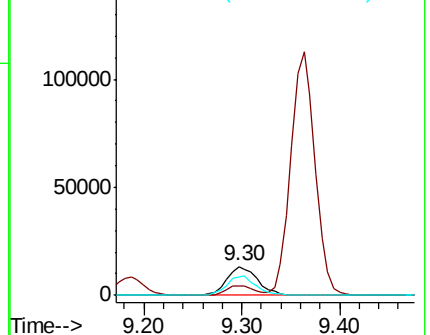
58 63.7 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VY002513.D (-1233) (-)

Ion 43.00 (42.70 to 43.70): VY002513.D (-1233) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1233) (-)



#50

Toluene-d8

Concen: 49.778 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002528.D

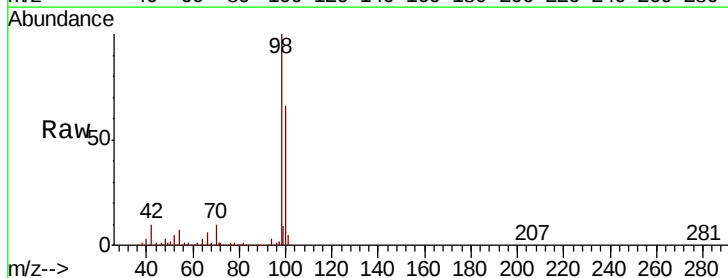
Acq: 04 May 2020 10:07

Tgt Ion: 98 Resp: 636933

Ion Ratio Lower Upper

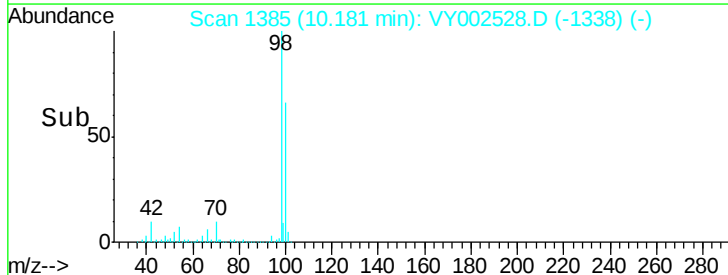
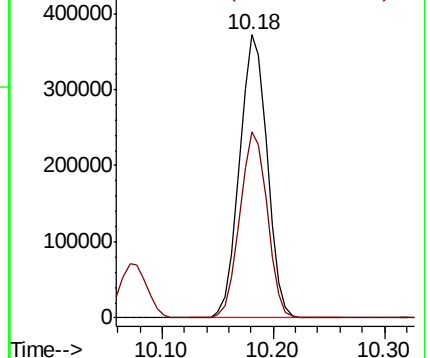
98 100

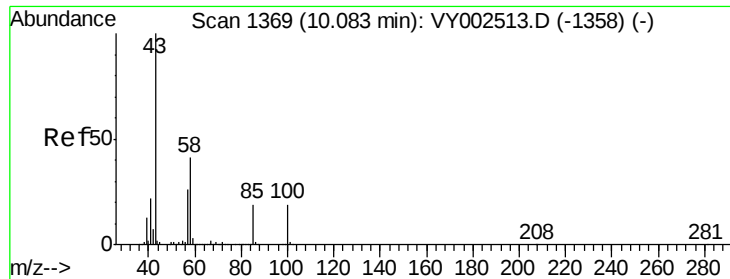
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)





#51

4-Methyl-2-Pentanone

Concen: 279.215 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

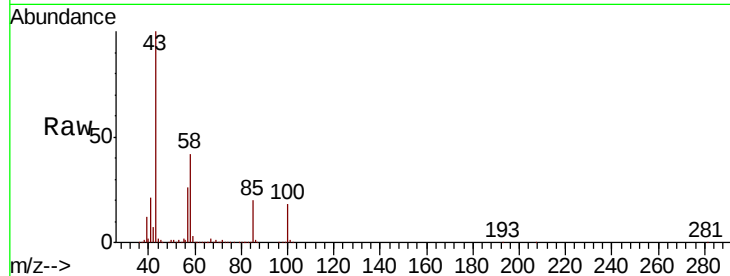
VSTDCCC050

Tot Ion: 43 Resp: 665909

Ion Ratio Lower Upper

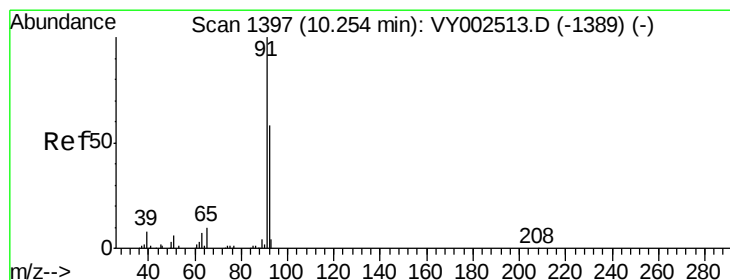
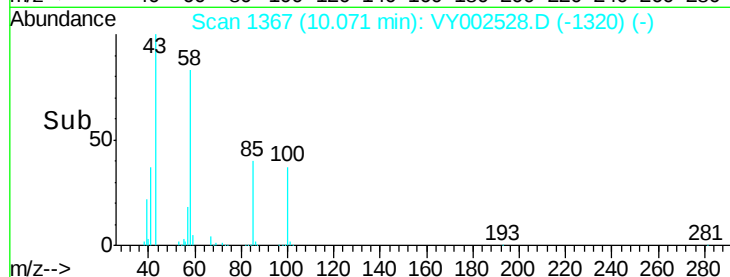
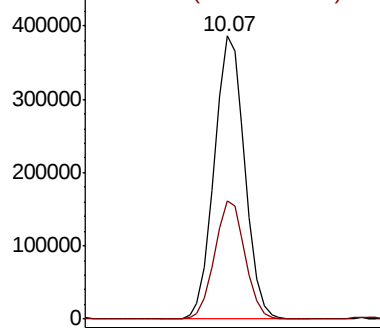
43 100

58 41.7 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.873 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002528.D

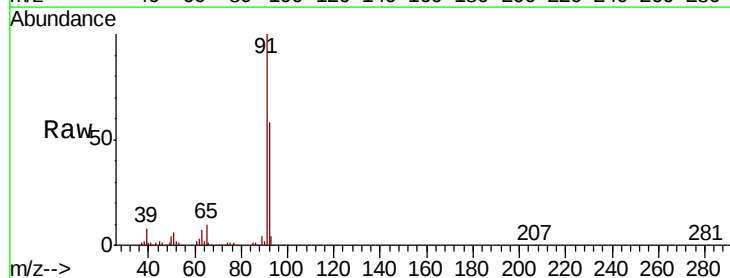
Acq: 04 May 2020 10:07

Tgt Ion: 92 Resp: 471364

Ion Ratio Lower Upper

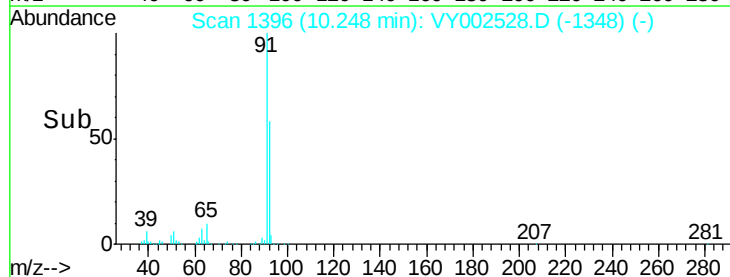
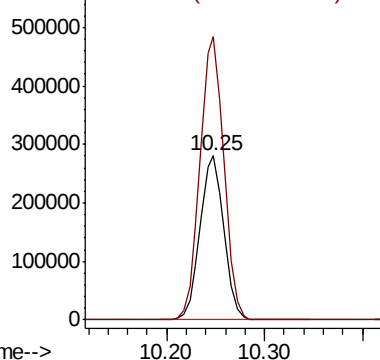
92 100

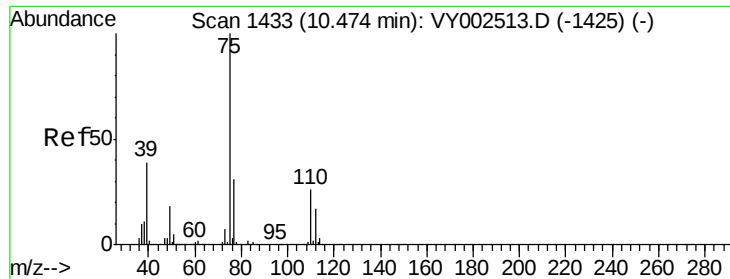
91 173.6 139.3 208.9



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: 55.057 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

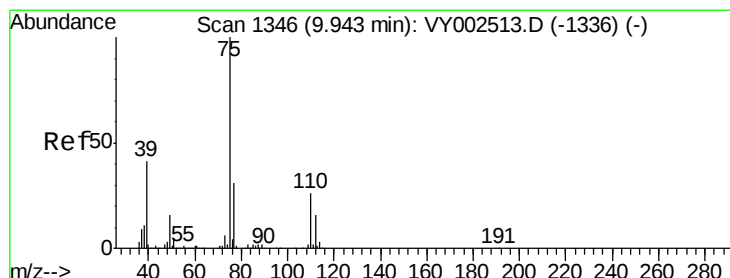
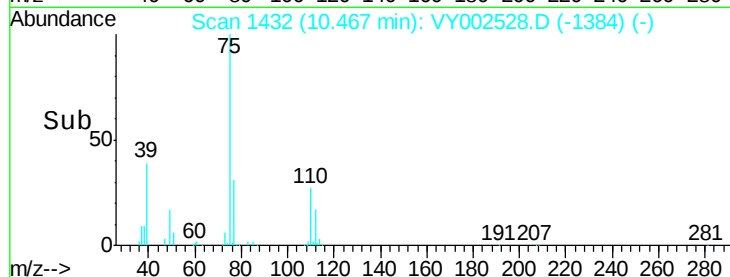
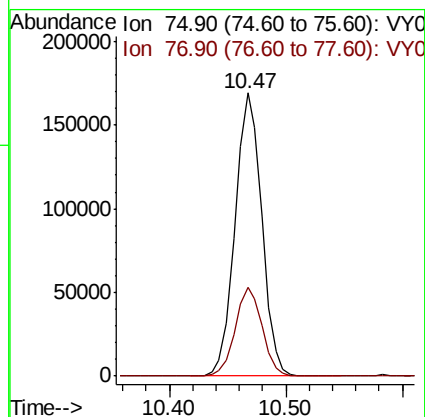
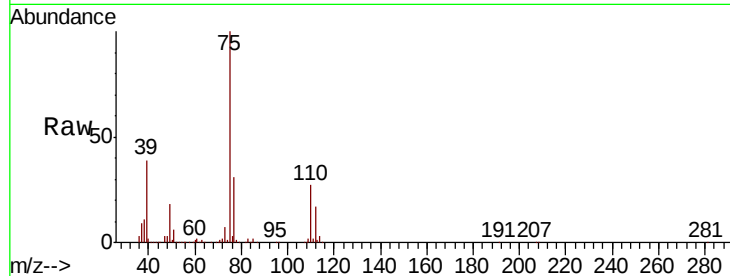
VSTDCCC050

Tot Ion: 75 Resp: 270186

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.076 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

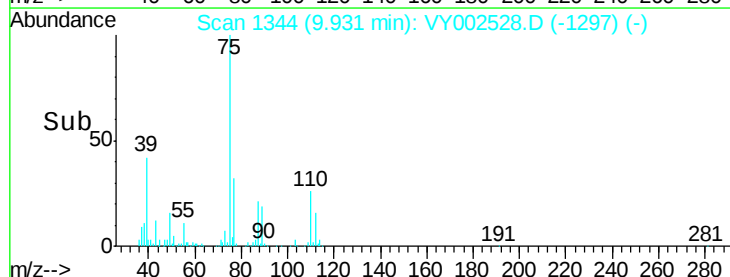
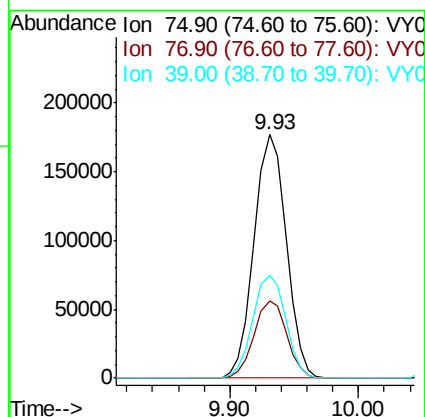
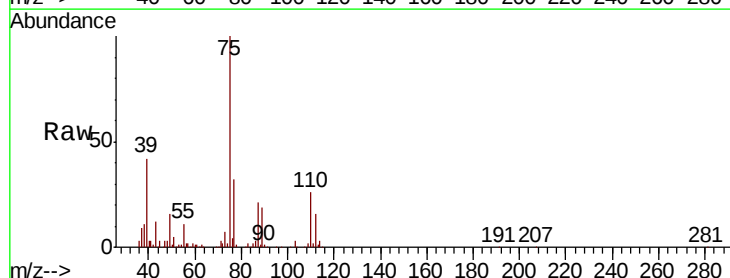
Tgt Ion: 75 Resp: 306785

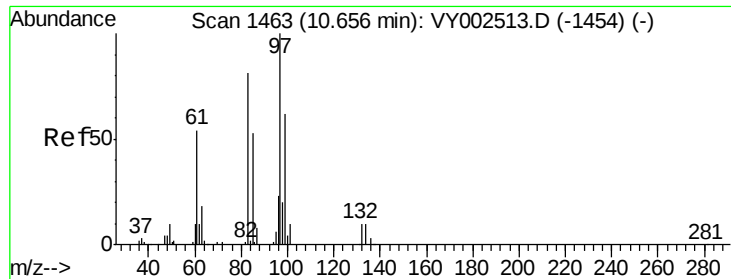
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 42.2 32.7 49.1

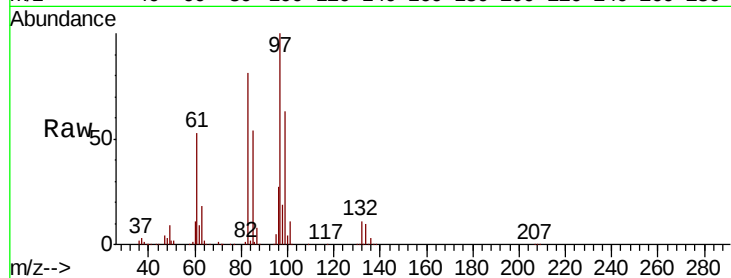




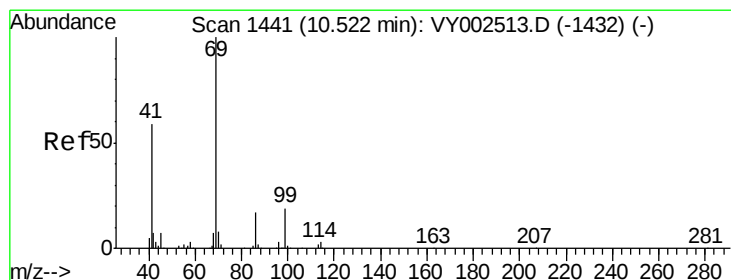
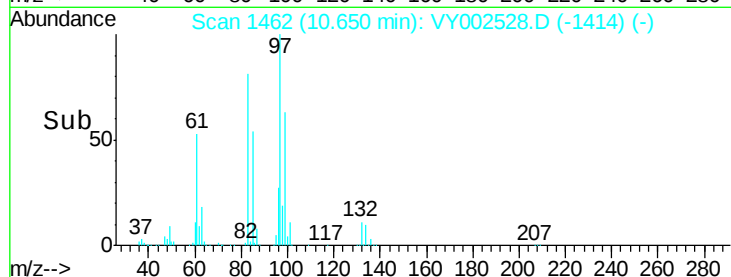
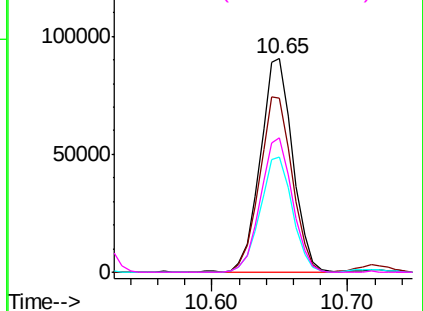
#55
 1,1,2-Trichloroethane
 Concen: 53.973 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	151611
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	53.9	42.7	64.1
99	62.7	50.0	75.0

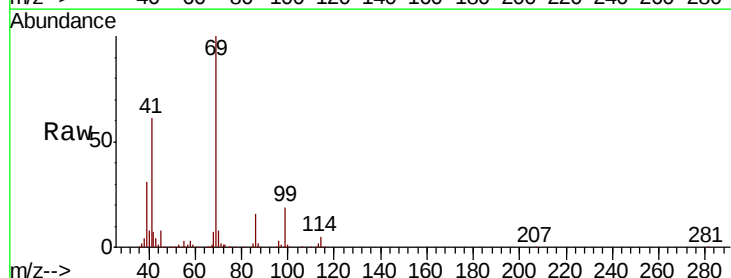


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

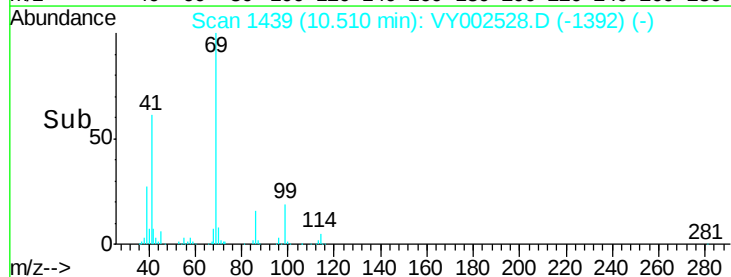
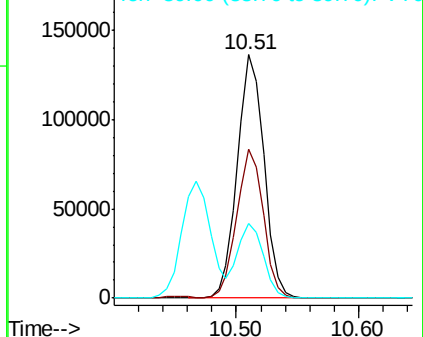


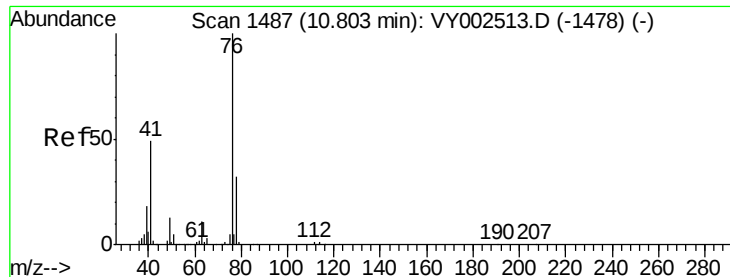
#56
 Ethyl methacrylate
 Concen: 55.215 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion:	69	Resp:	206332
Ion	Ratio	Lower	Upper
69	100		
41	60.3	48.6	73.0
39	29.7	25.0	37.4



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: 53.185 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

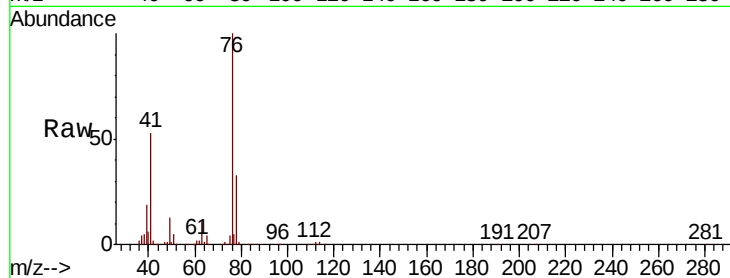
VSTDCCC050

Tot Ion: 76 Resp: 253354

Ion Ratio Lower Upper

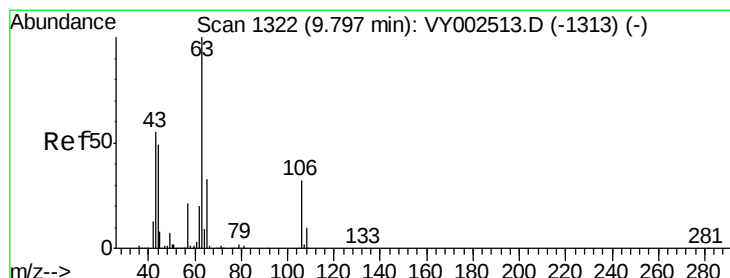
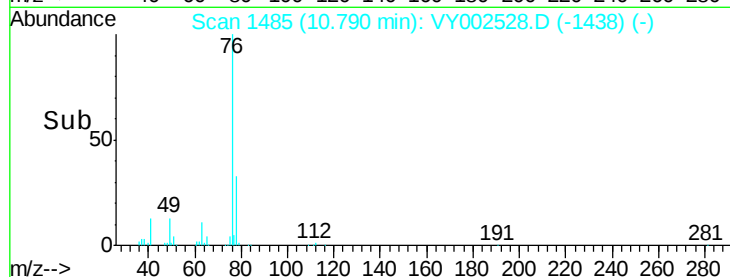
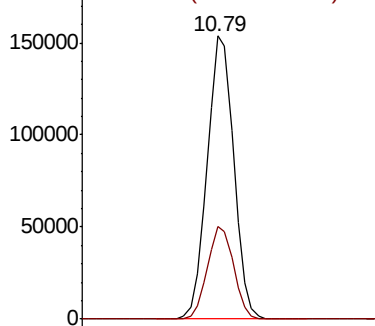
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 278.437 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002528.D

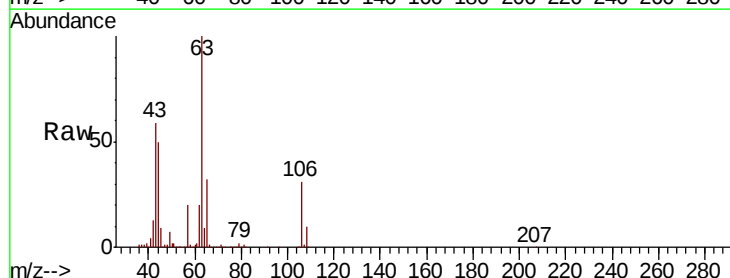
Acq: 04 May 2020 10:07

Tgt Ion: 63 Resp: 548700

Ion Ratio Lower Upper

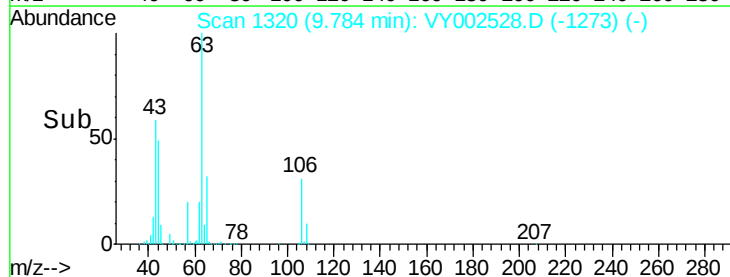
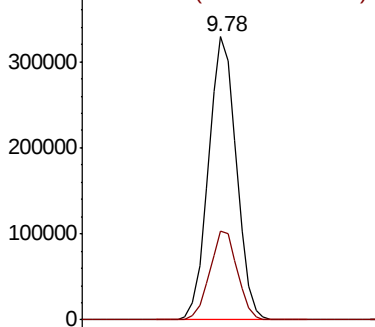
63 100

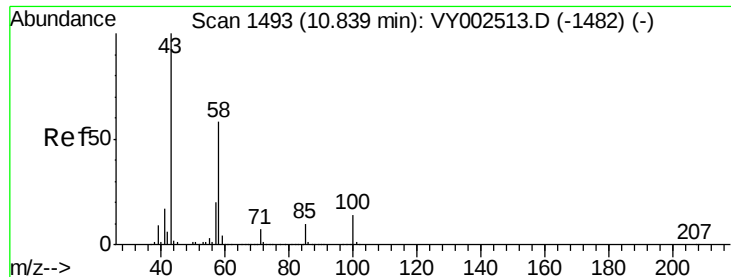
106 31.2 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

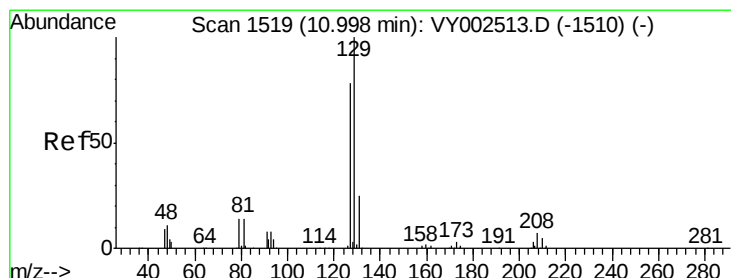
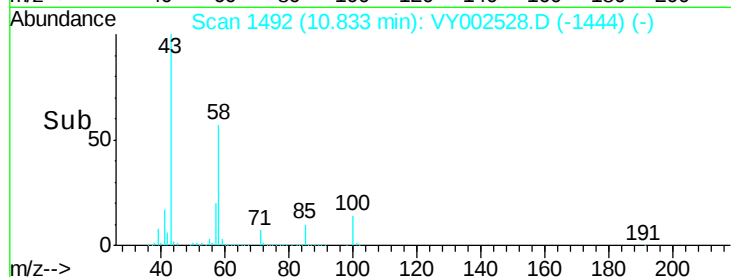
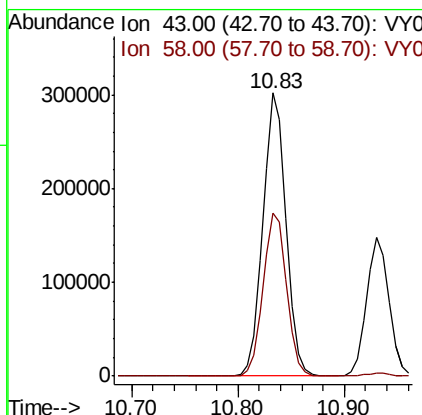
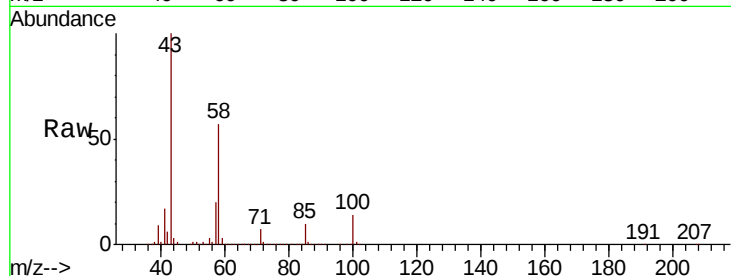




#59
2-Hexanone
Concen: 280.085 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

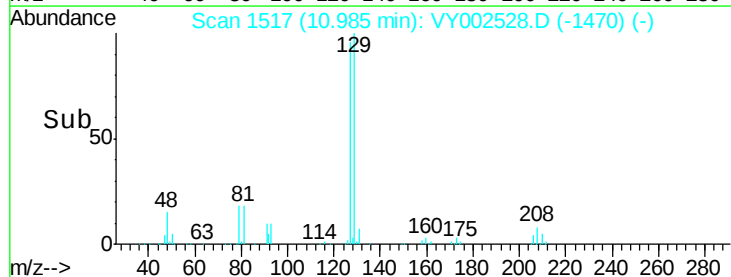
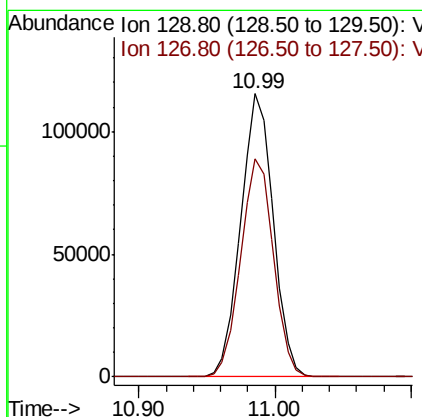
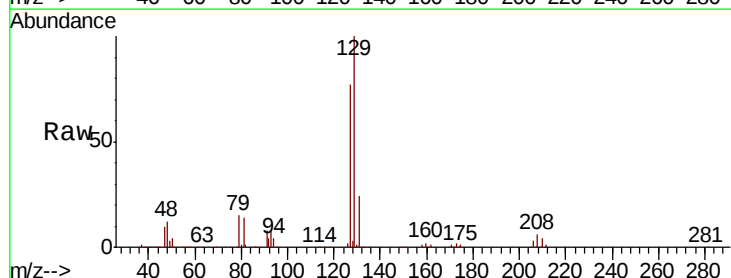
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

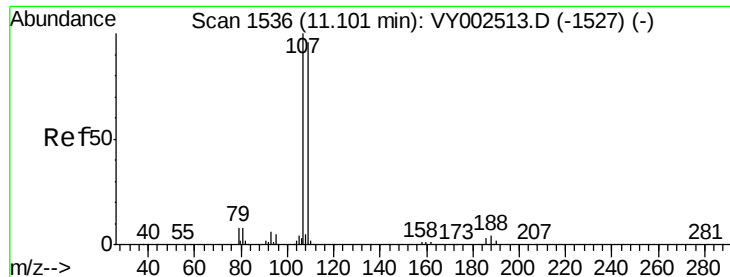
Tot Ion: 43 Resp: 459752
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.3



#60
Dibromochloromethane
Concen: 53.938 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 129 Resp: 192703
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

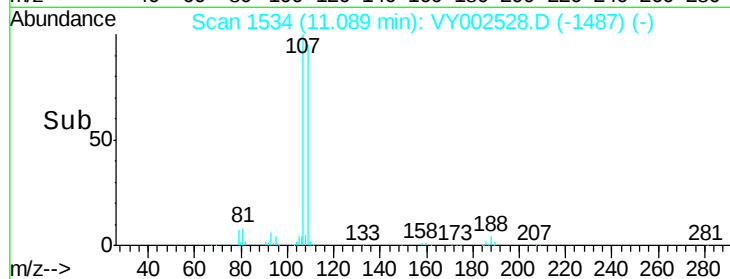
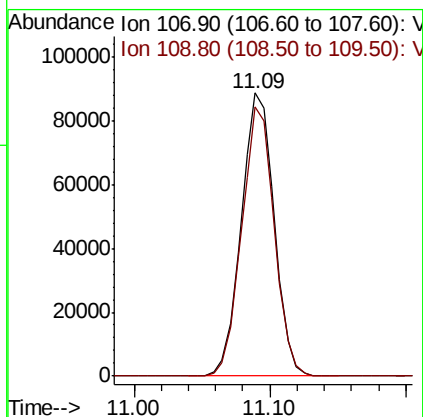
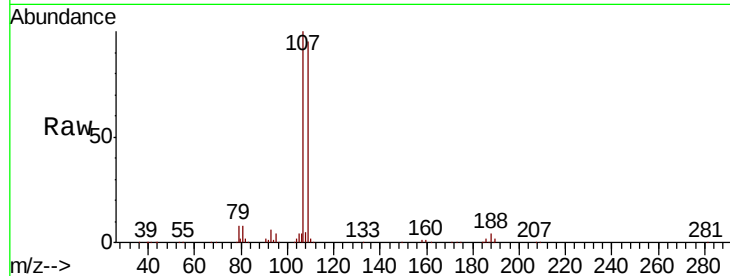




#61
 1,2-Dibromoethane
 Concen: 53.853 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

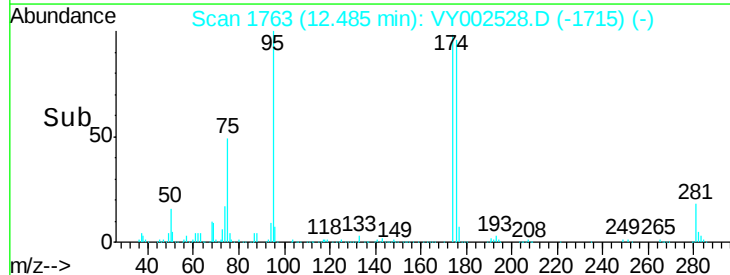
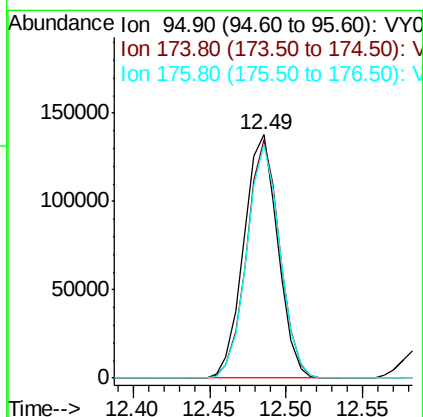
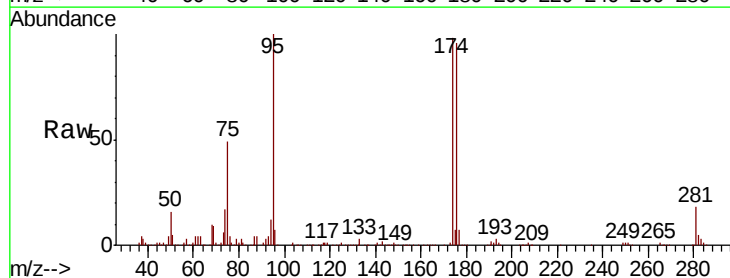
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 149787
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.127 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion: 95 Resp: 213301
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 188.8
 176 93.3 0.0 183.2

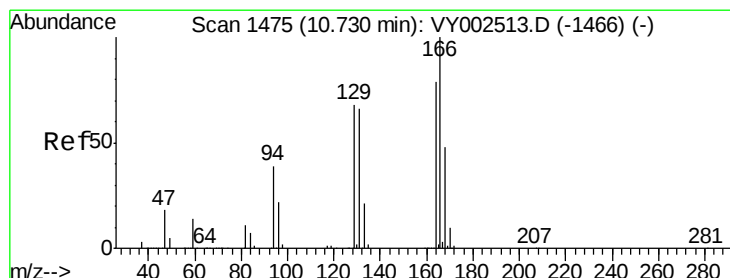
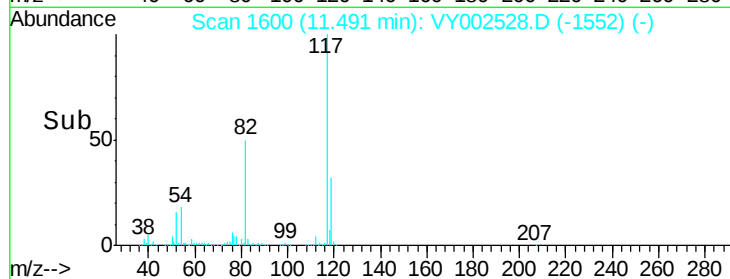
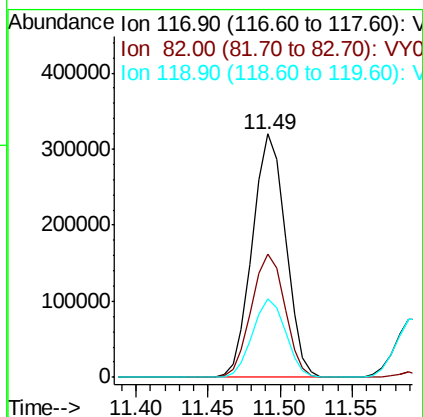
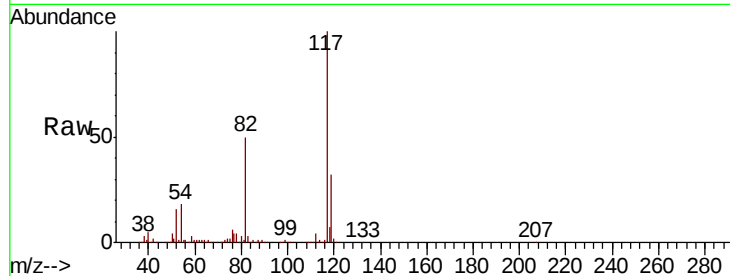




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

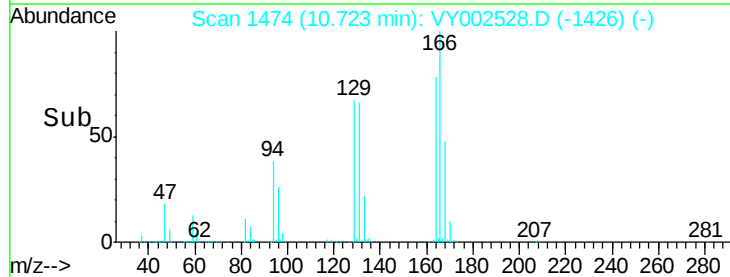
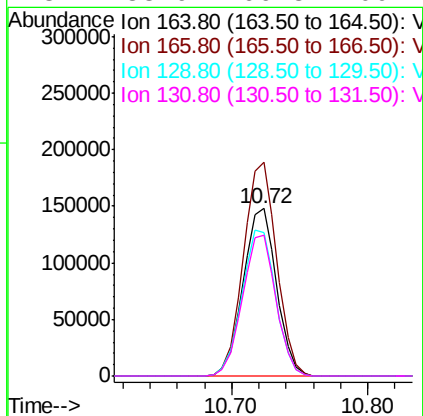
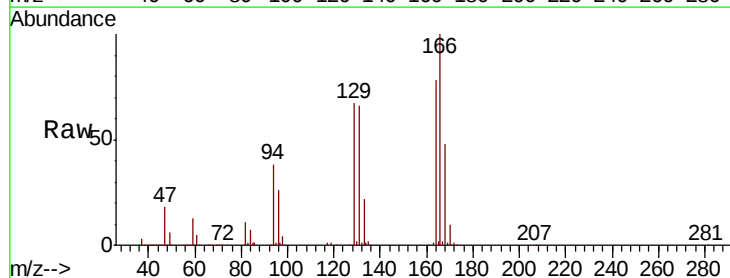
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

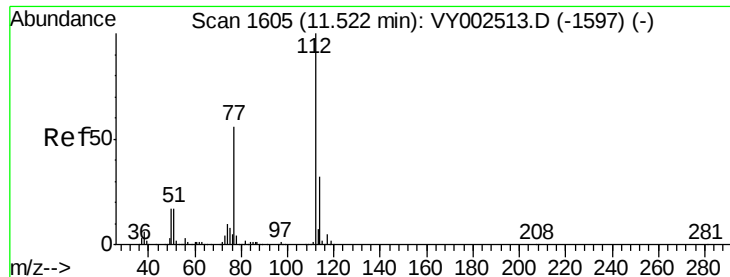
Tot Ion:117 Resp: 511851
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 55.770 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion:164 Resp: 253628
Ion Ratio Lower Upper
164 100
166 127.7 100.7 151.1
129 85.8 68.3 102.5
131 83.9 66.8 100.2

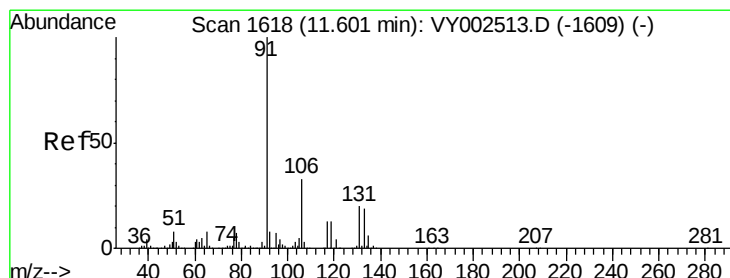
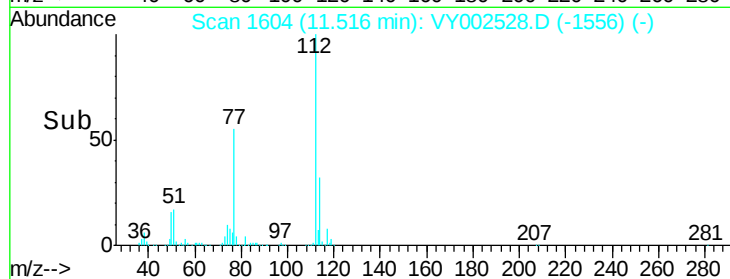
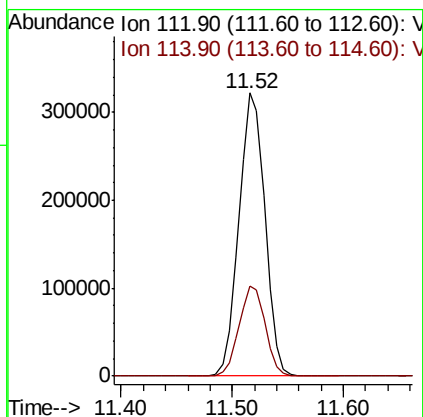
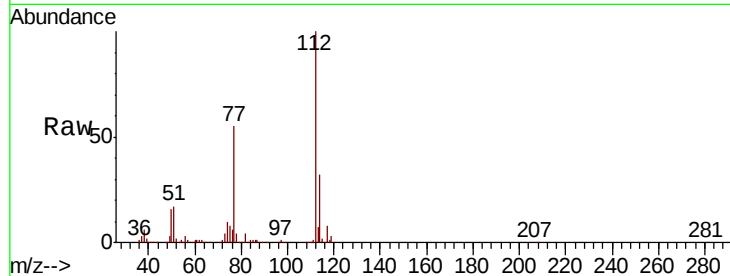




#65
Chlorobenzene
Concen: 53.542 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

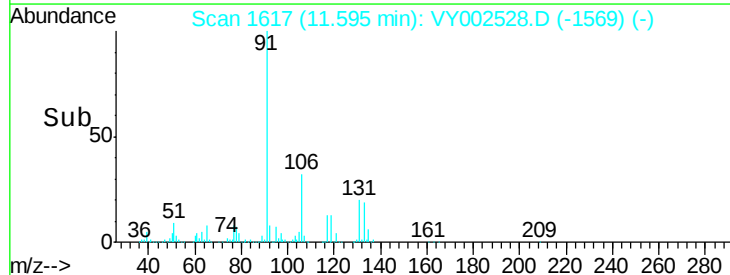
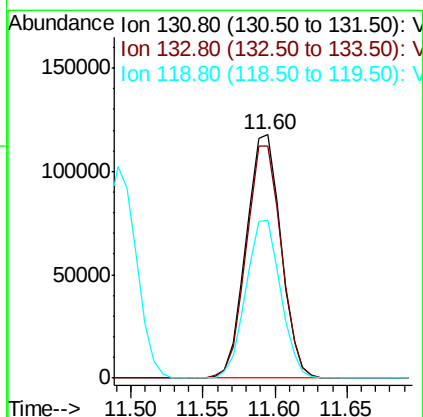
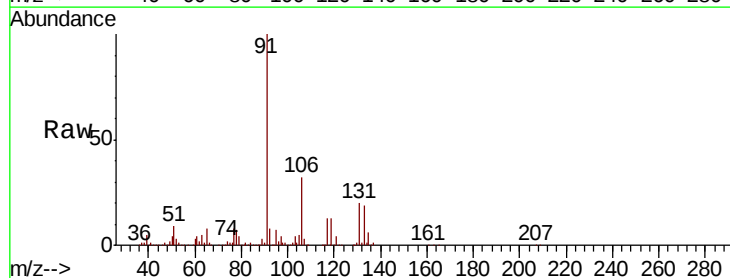
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

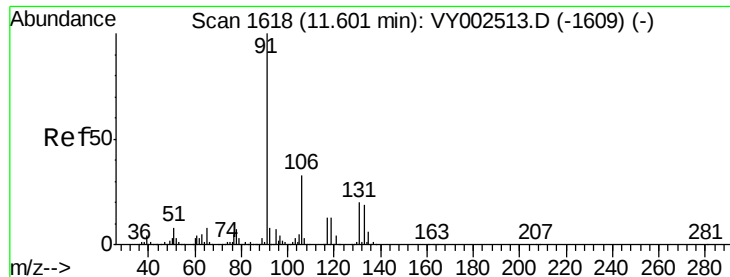
Tot Ion:112 Resp: 520980
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.487 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion:131 Resp: 196803
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 64.5 31.6 95.0

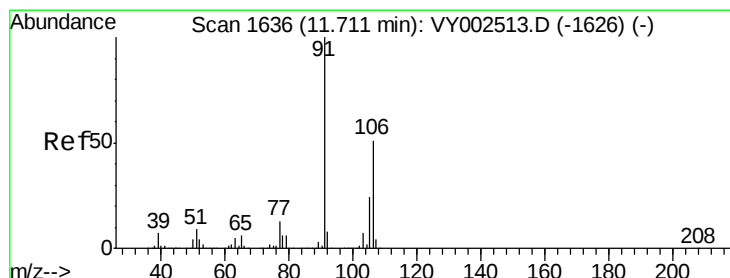
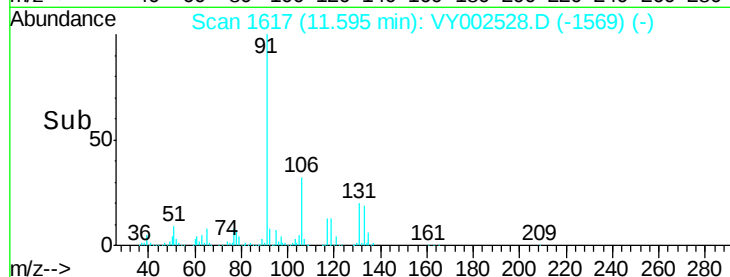
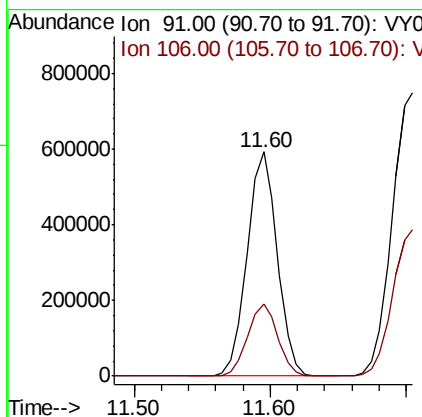
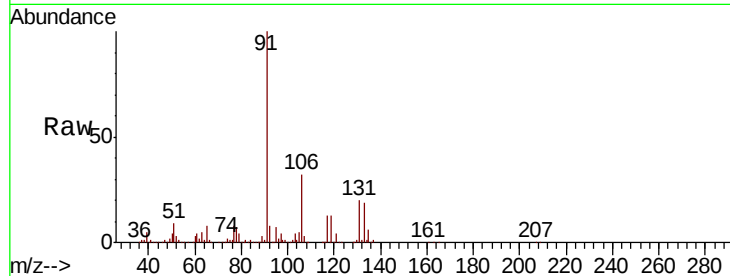




#67
Ethyl Benzene
Concen: 53.735 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

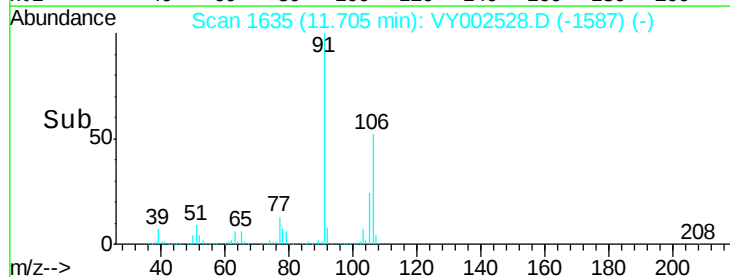
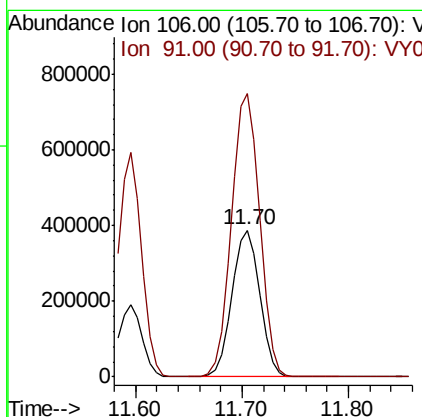
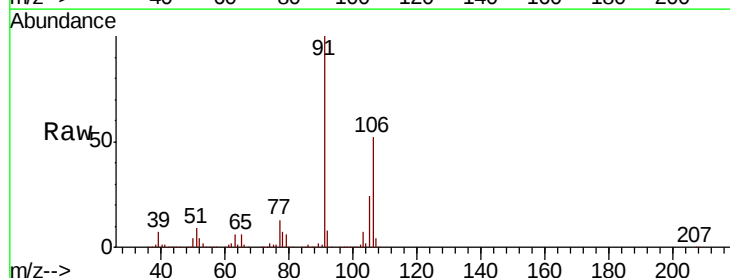
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 918429
Ion Ratio Lower Upper
91 100
106 32.1 26.1 39.1



#68
m/p-Xylenes
Concen: 107.814 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 106 Resp: 712999
Ion Ratio Lower Upper
106 100
91 194.9 155.2 232.8

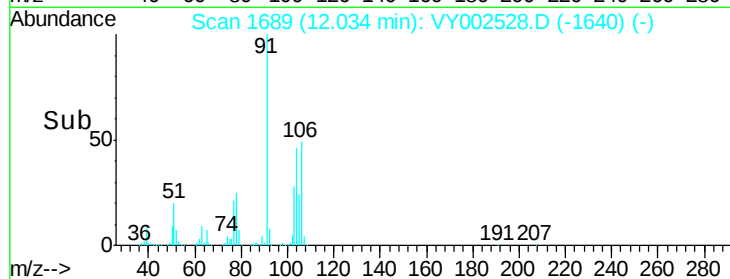
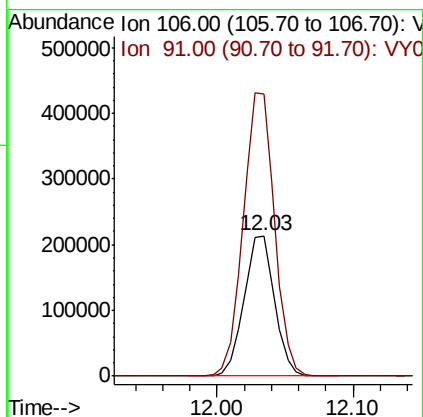
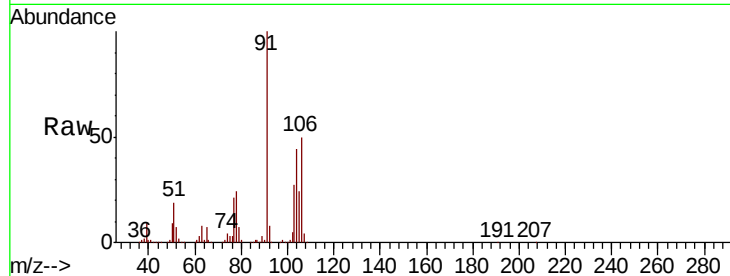




#69
o-Xylene
Concen: 54.209 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

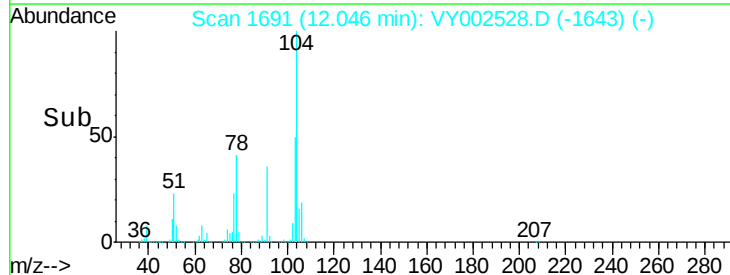
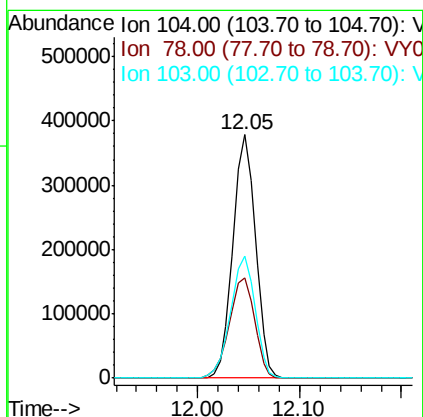
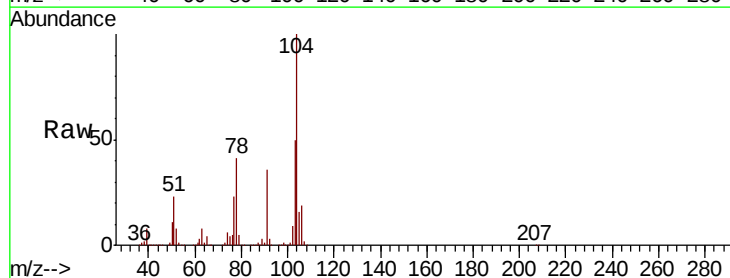
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

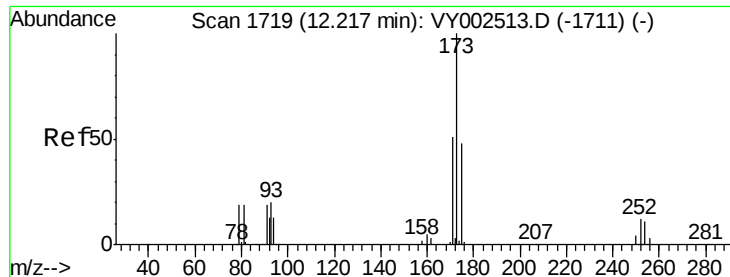
Tot Ion:106 Resp: 335668
Ion Ratio Lower Upper
106 100
91 205.9 103.8 311.3



#70
Styrene
Concen: 54.860 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion:104 Resp: 580720
Ion Ratio Lower Upper
104 100
78 46.0 37.4 56.0
103 54.4 43.9 65.9

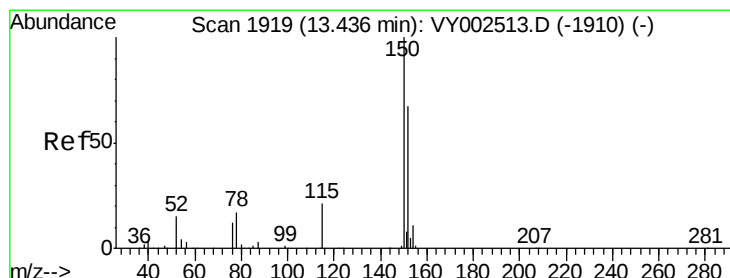
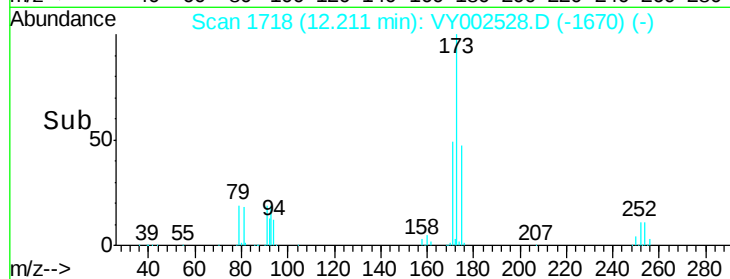
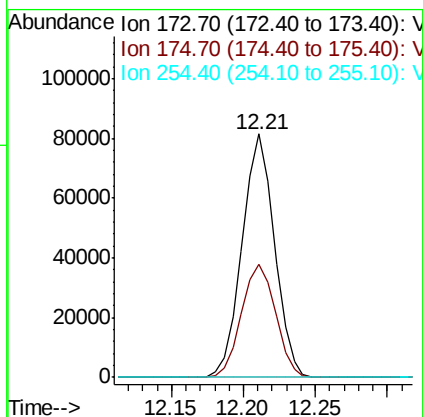
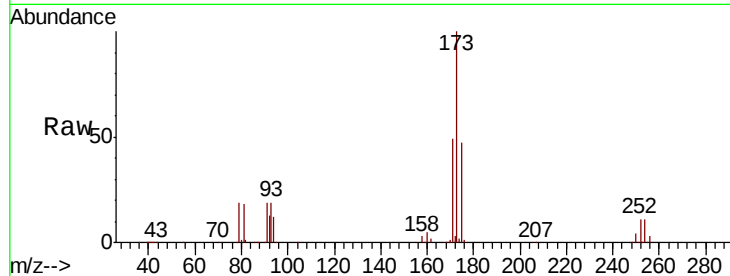




#71
Bromoform
Concen: 56.650 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

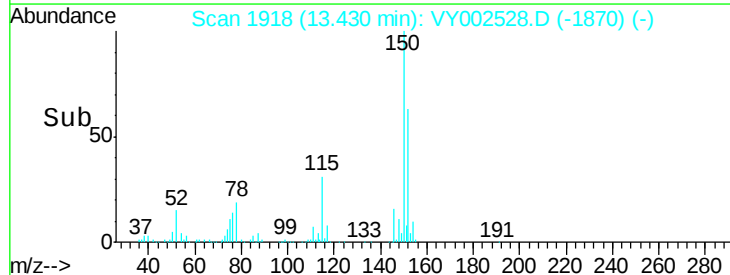
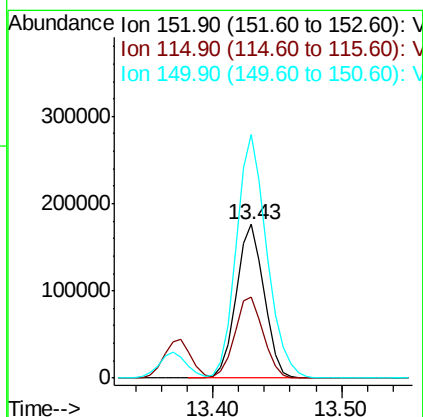
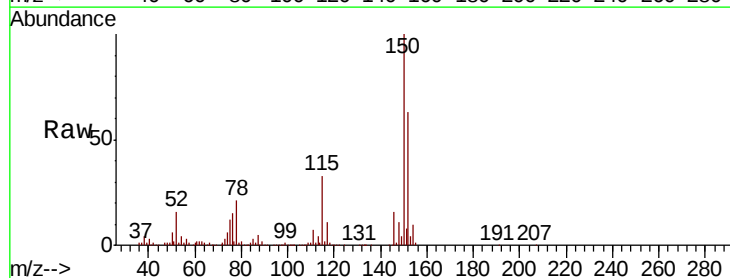
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

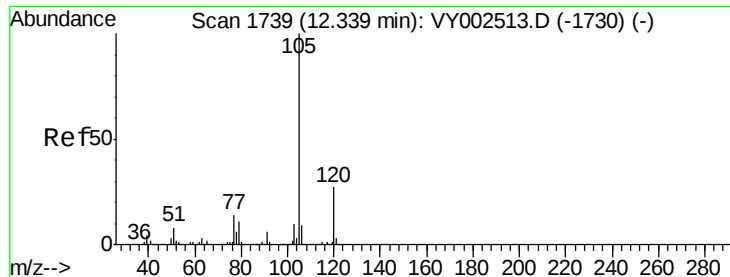
Tot Ion:173 Resp: 126998
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion:152 Resp: 264071
Ion Ratio Lower Upper
152 100
115 53.6 27.5 82.4
150 172.7 0.0 346.4





#73

Isopropylbenzene

Concen: 53.012 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

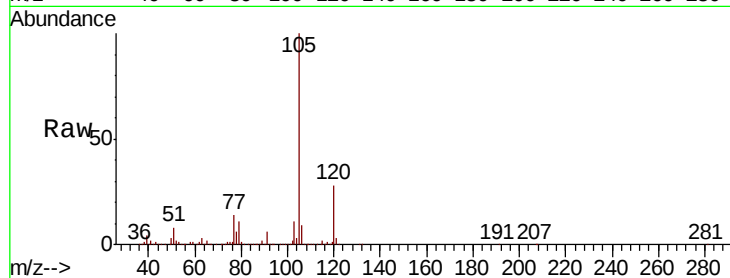
VSTDCCC050

Tot Ion:105 Resp: 907263

Ion Ratio Lower Upper

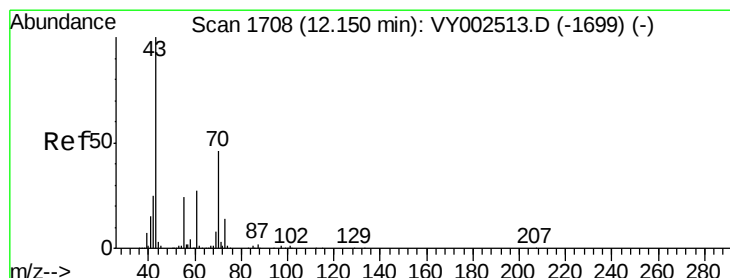
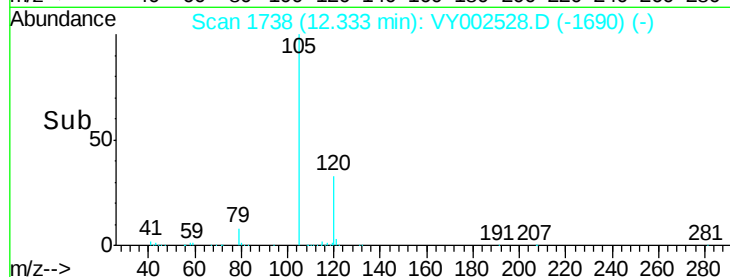
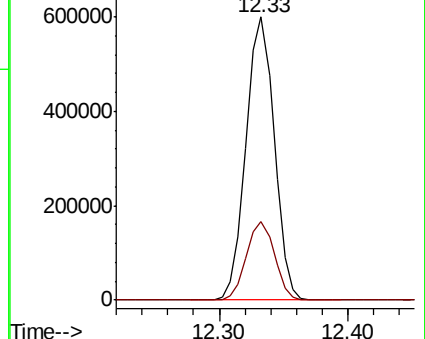
105 100

120 27.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.550 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Tgt Ion: 43 Resp: 232811

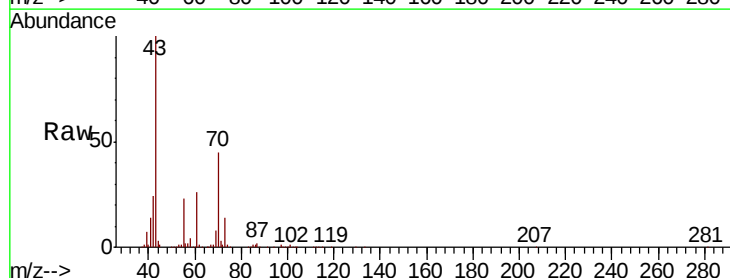
Ion Ratio Lower Upper

43 100

70 46.7 36.7 55.1

55 23.8 19.2 28.8

61 26.0 21.1 31.7

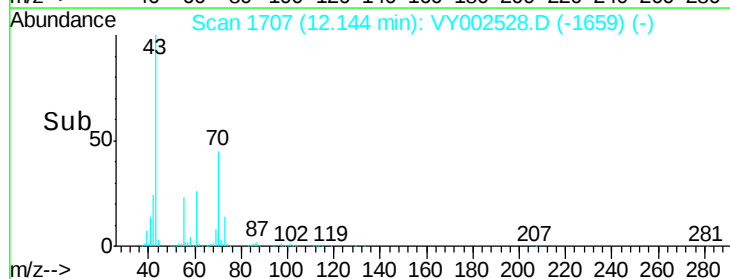
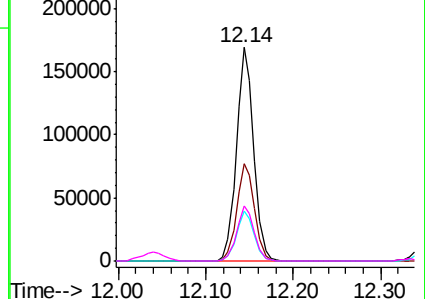


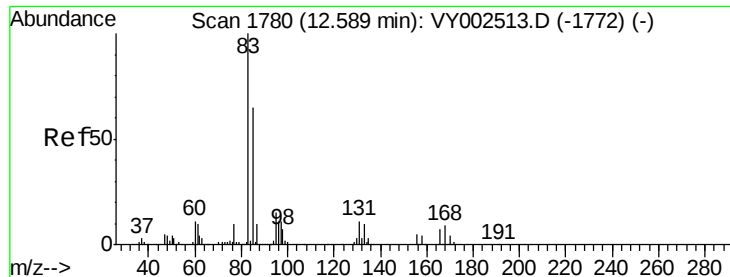
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.058 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

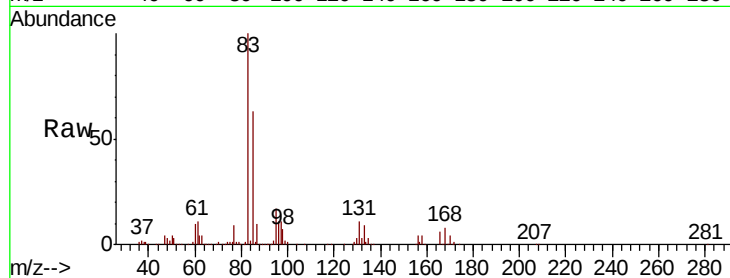
Tot Ion: 83 Resp: 144413

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.8

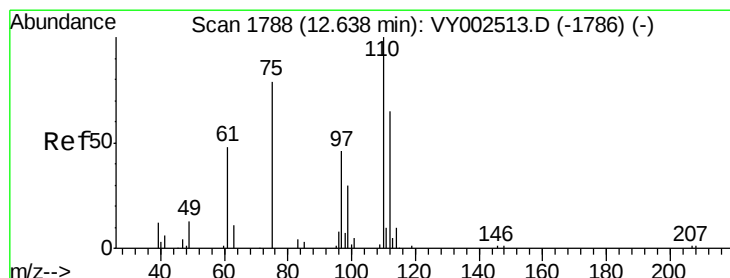
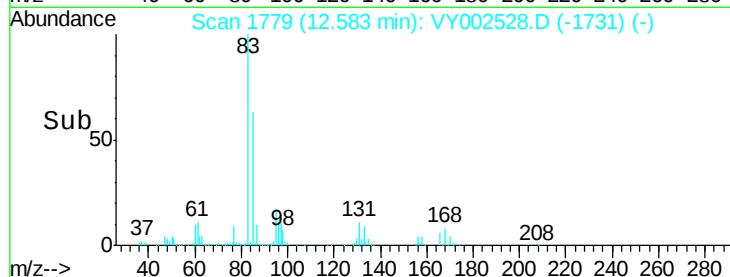
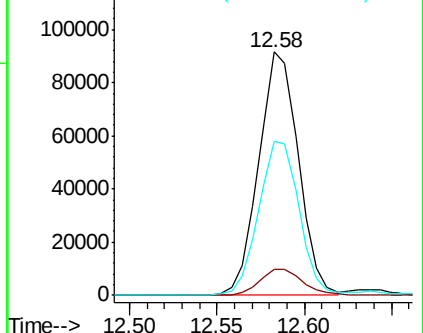
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002513.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002513.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002513.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 97.207 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002528.D

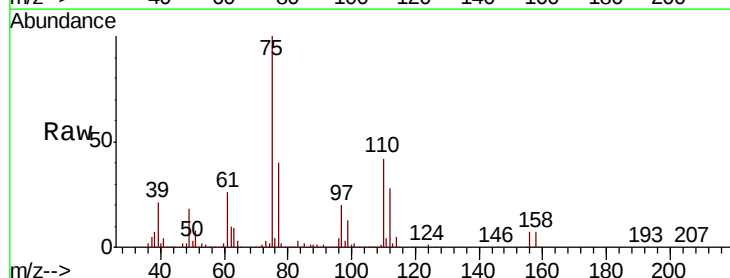
Acq: 04 May 2020 10:07

Tgt Ion: 75 Resp: 228118

Ion Ratio Lower Upper

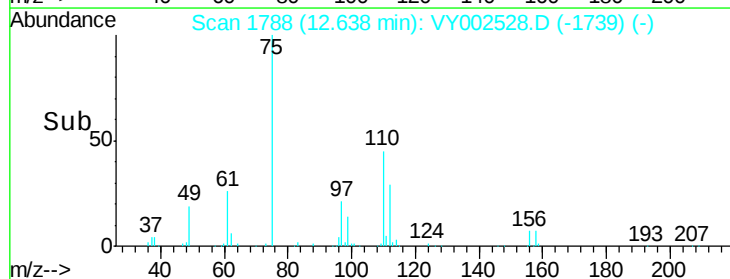
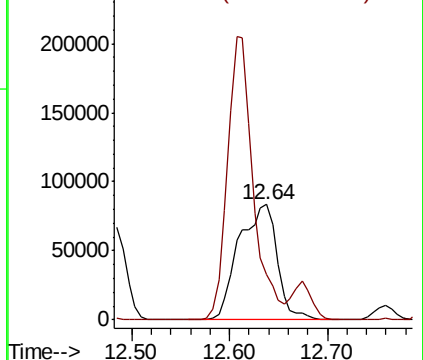
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002513.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002513.D (-1786) (-)





#77

Bromobenzene

Concen: 53.159 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

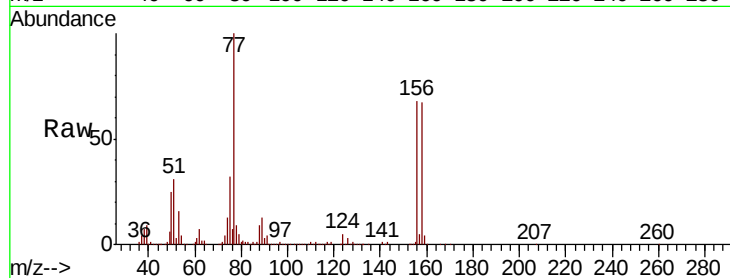
Tot Ion:156 Resp: 227301

Ion Ratio Lower Upper

156 100

77 165.2 82.0 245.8

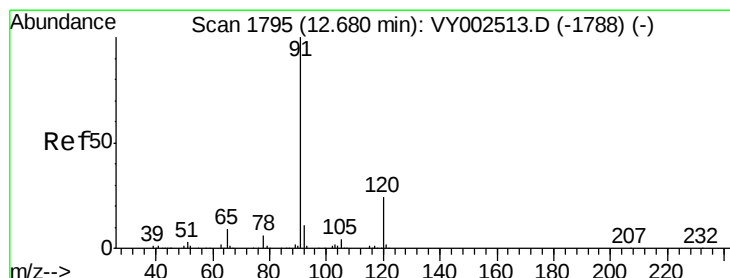
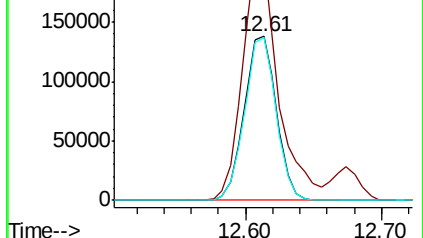
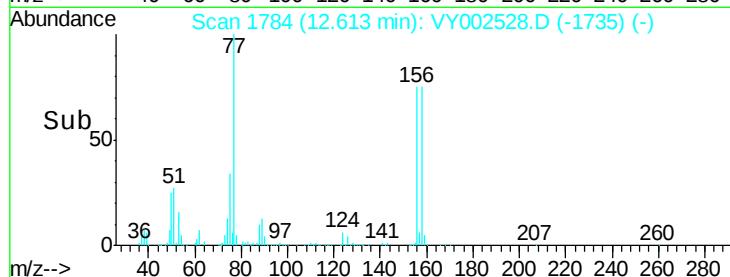
158 97.4 48.5 145.6



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: 53.461 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002528.D

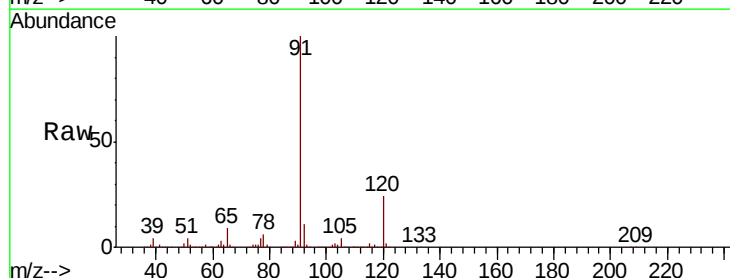
Acq: 04 May 2020 10:07

Tgt Ion: 91 Resp: 1061774

Ion Ratio Lower Upper

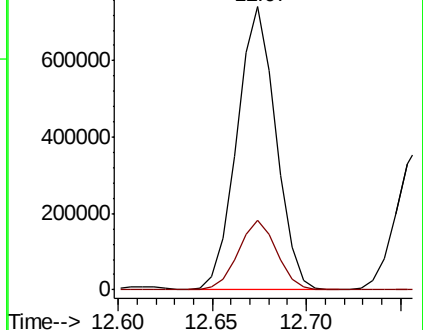
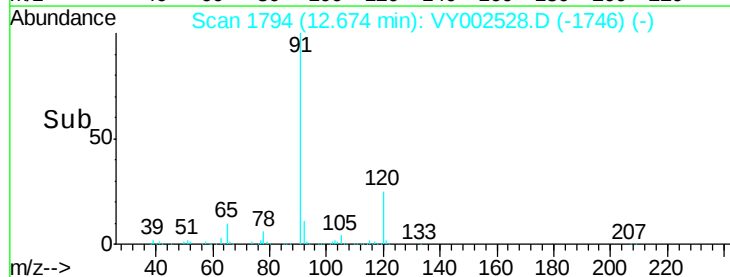
91 100

120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

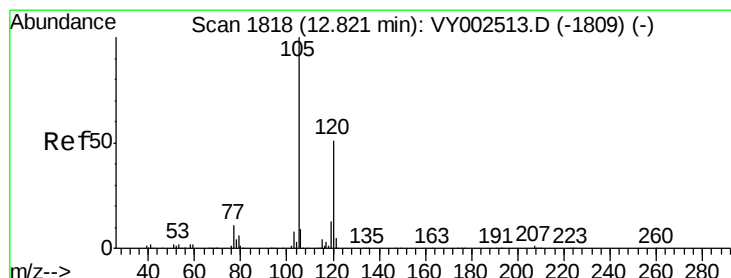
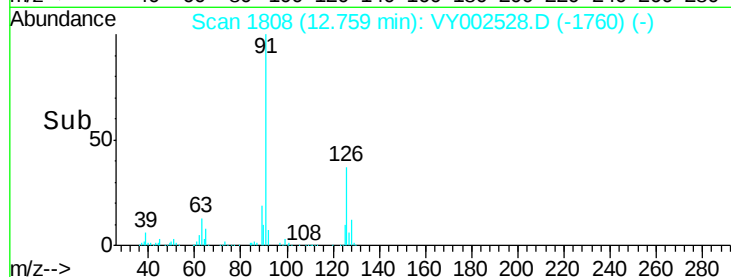
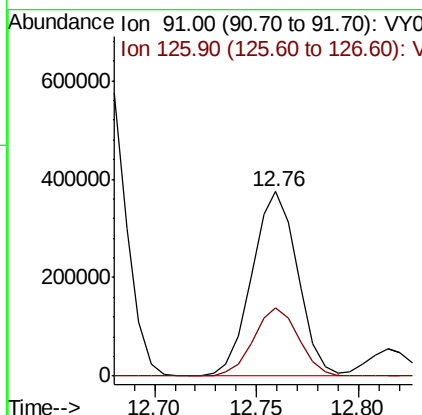
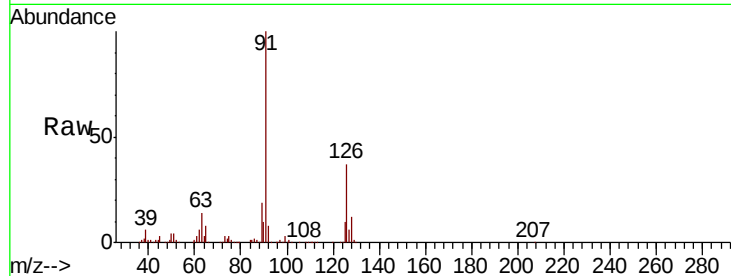




#79
 2-Chlorotoluene
 Concen: 53.020 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

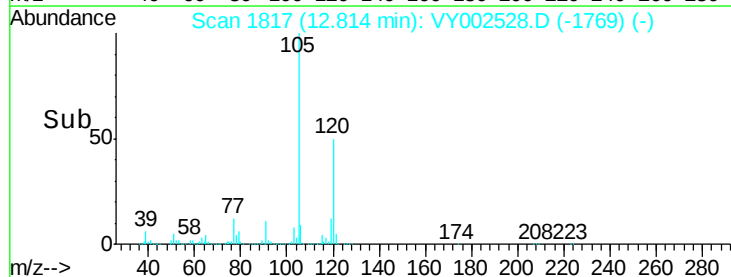
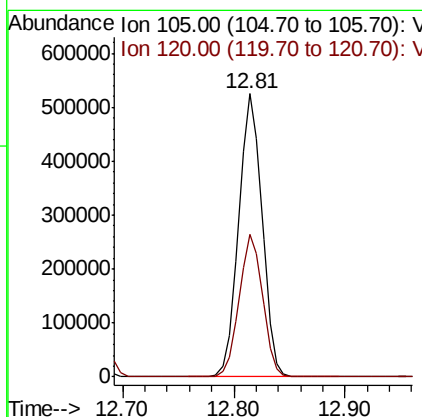
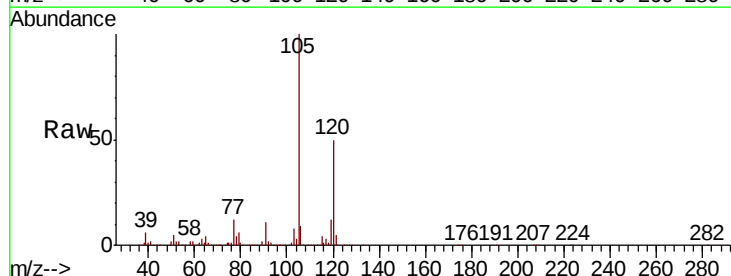
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

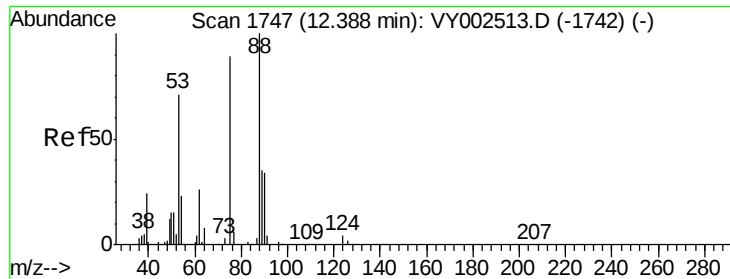
Tot Ion: 91 Resp: 583296
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 53.719 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion: 105 Resp: 762076
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9

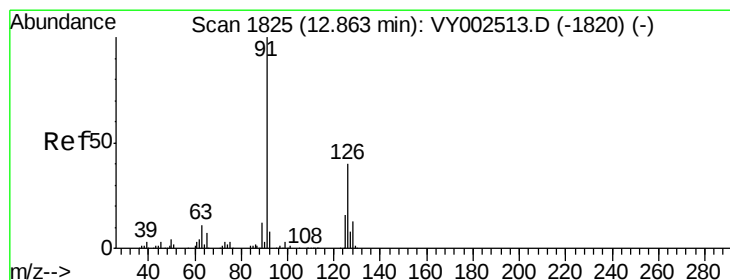
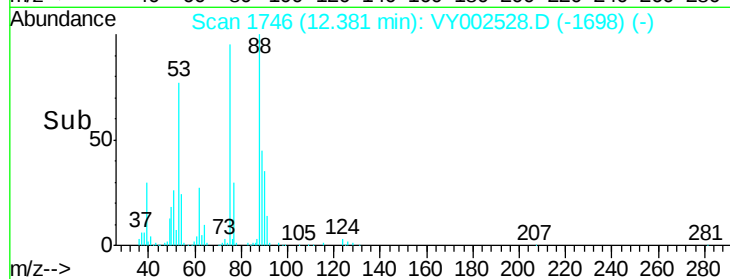
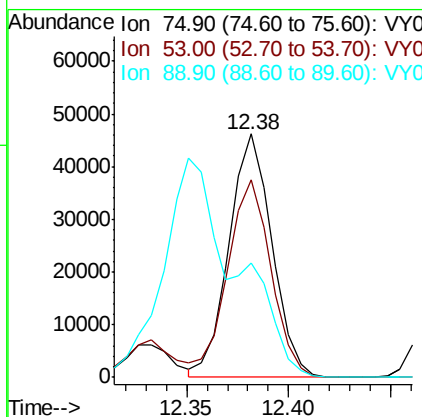
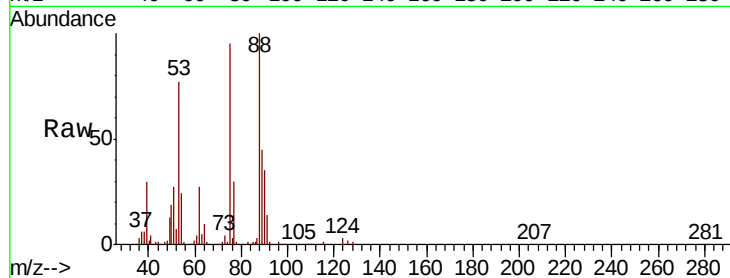




#81
trans-1,4-Dichloro-2-butene
Concen: 57.039 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

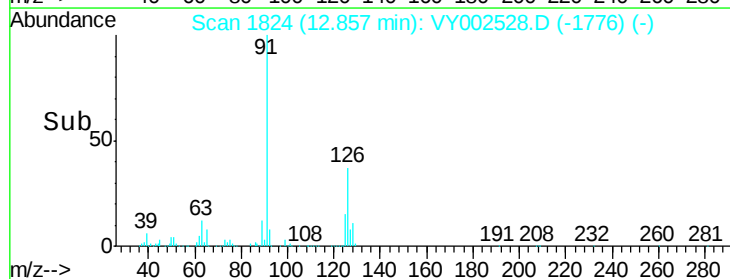
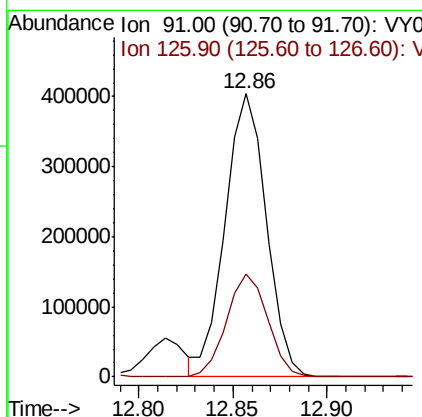
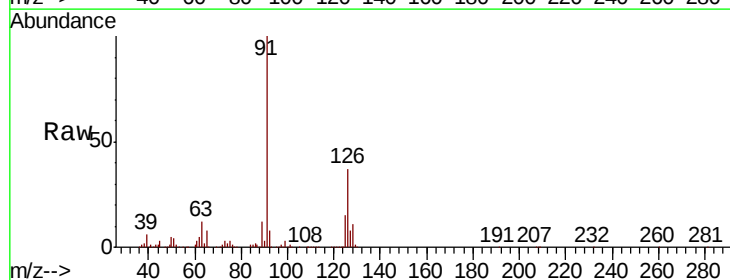
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

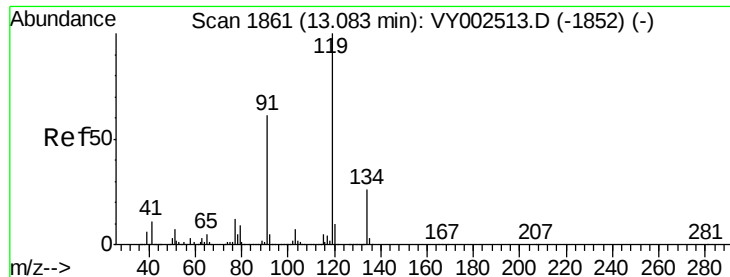
Tot Ion: 75 Resp: 66754
Ion Ratio Lower Upper
75 100
53 83.2 67.4 101.0
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 53.089 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion: 91 Resp: 613511
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5

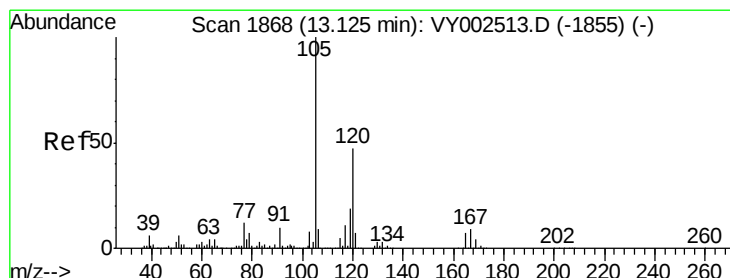
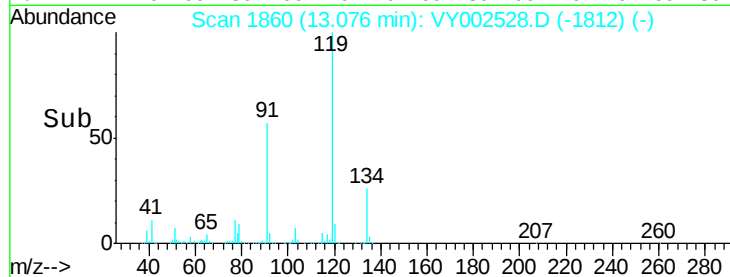
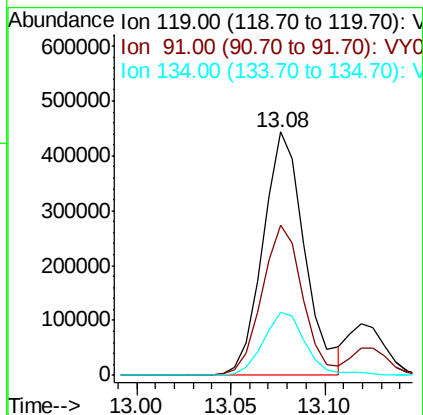
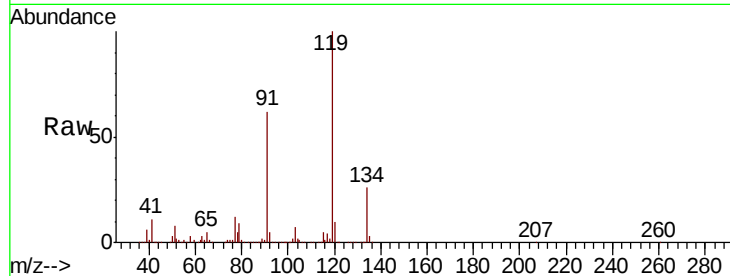




#83
 tert-Butylbenzene
 Concen: 54.687 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

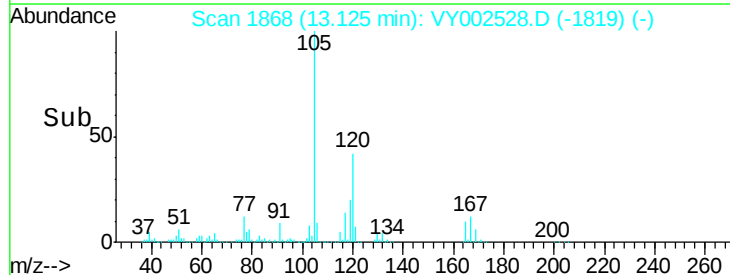
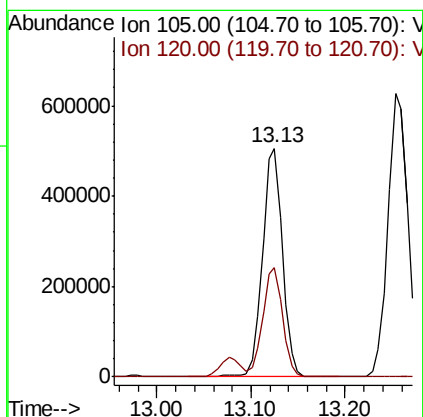
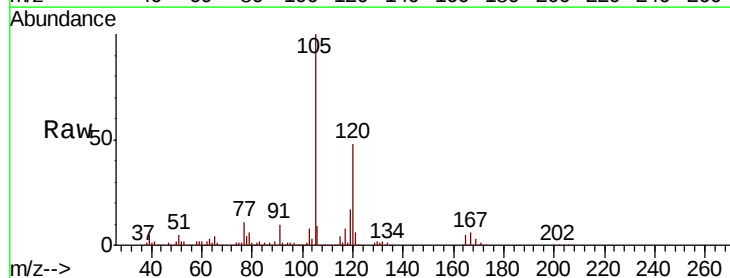
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

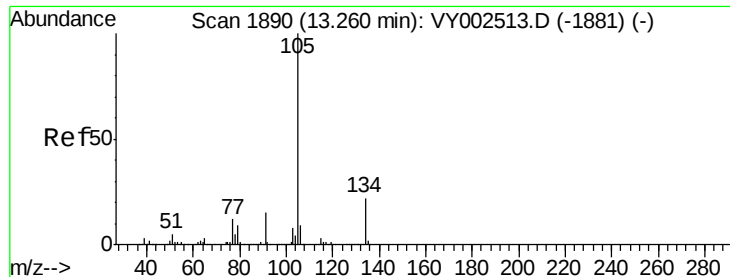
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.6	91.6
134	26.4	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.598 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 53.498 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

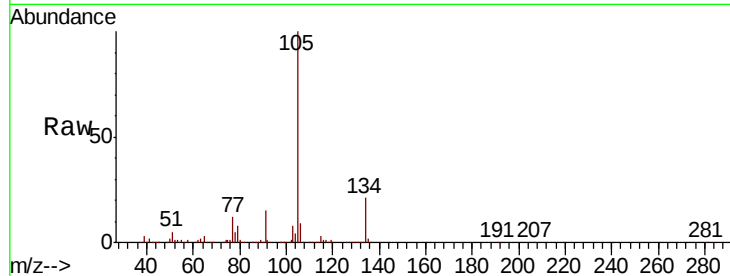
VSTDCCC050

Tot Ion:105 Resp: 923405

Ion Ratio Lower Upper

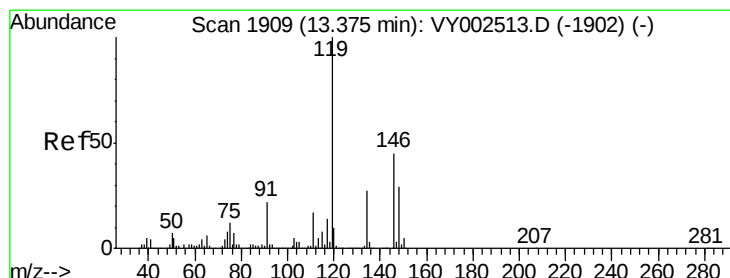
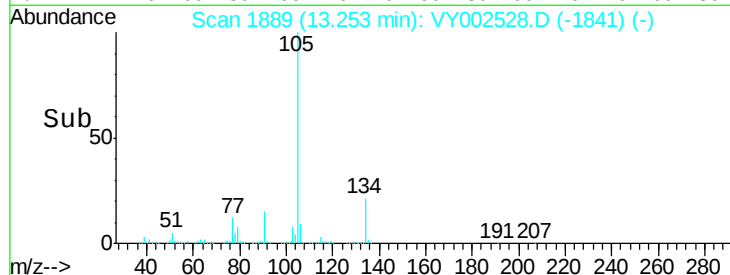
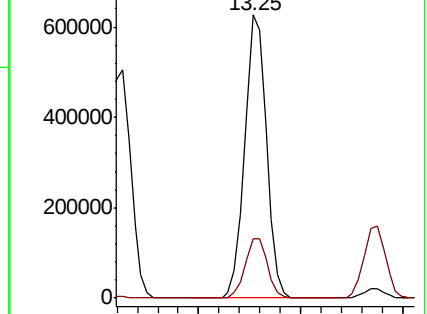
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.632 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

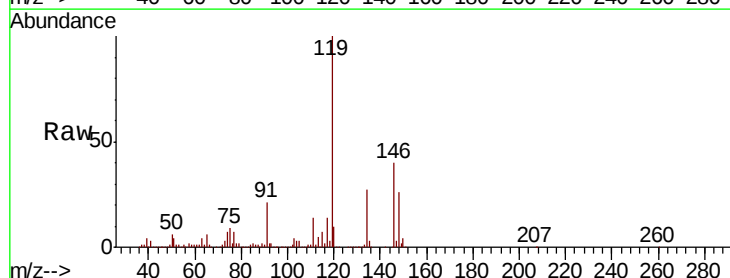
Tgt Ion:119 Resp: 867403

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

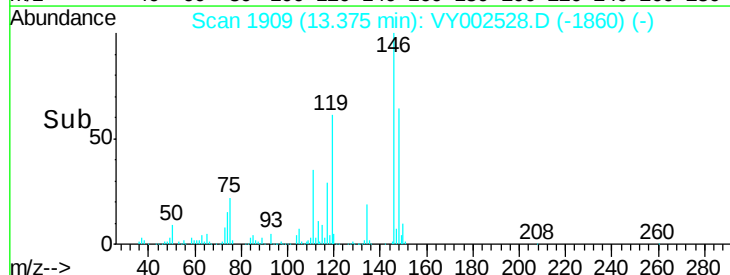
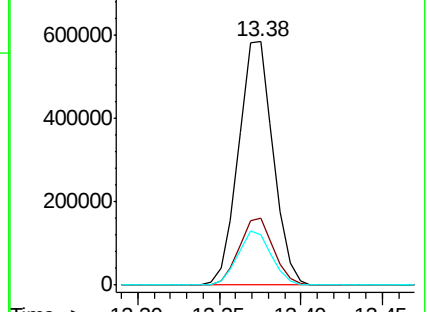
91 21.7 10.9 32.9

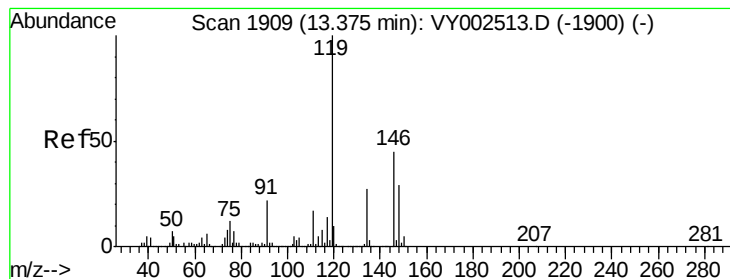


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 53.527 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

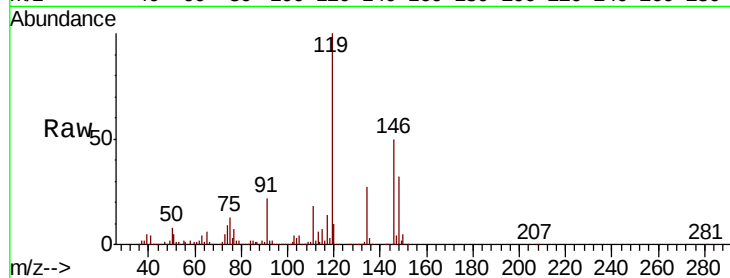
Tot Ion:146 Resp: 433177

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

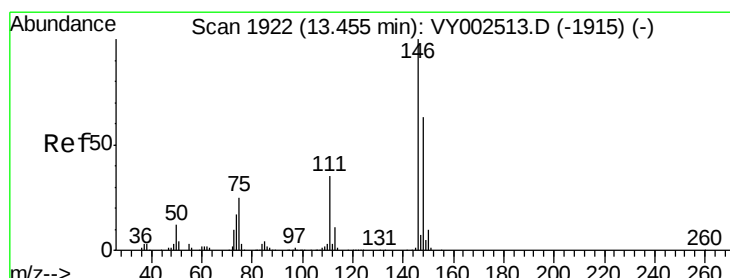
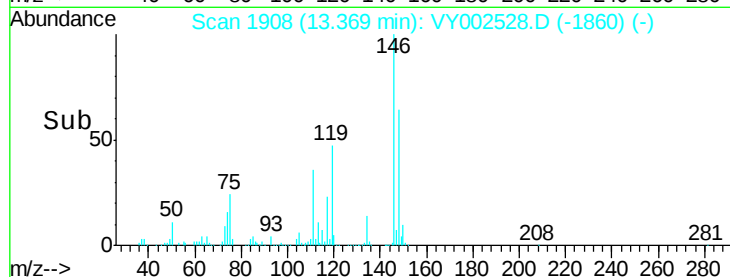
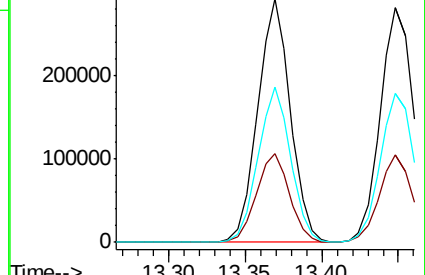
148 63.8 32.1 96.3



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: 53.126 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

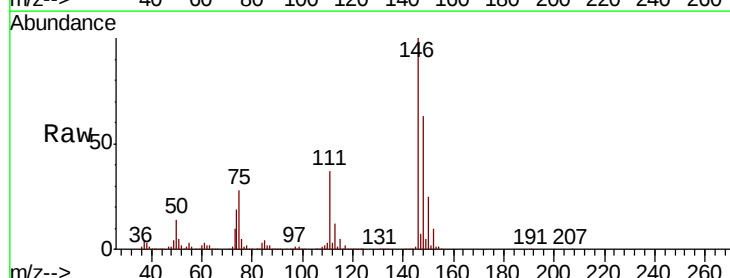
Tgt Ion:146 Resp: 425722

Ion Ratio Lower Upper

146 100

111 36.6 18.1 54.1

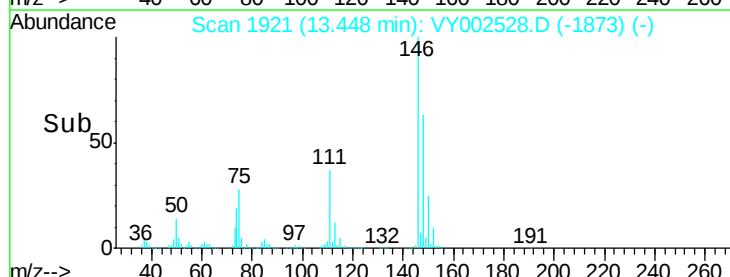
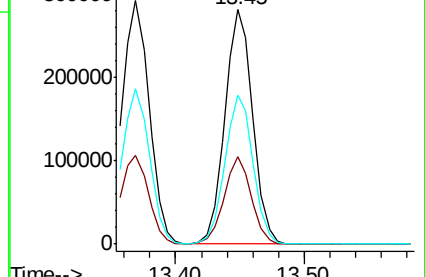
148 64.2 31.9 95.5

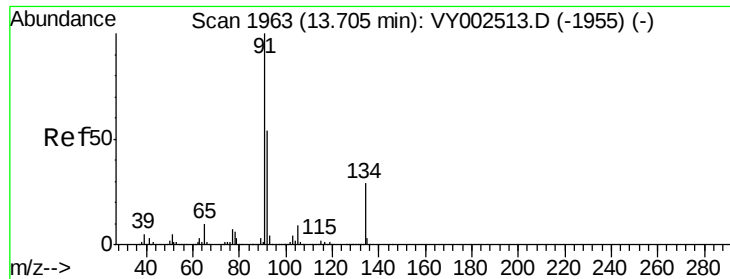


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.667 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002528.D

Acq: 04 May 2020 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

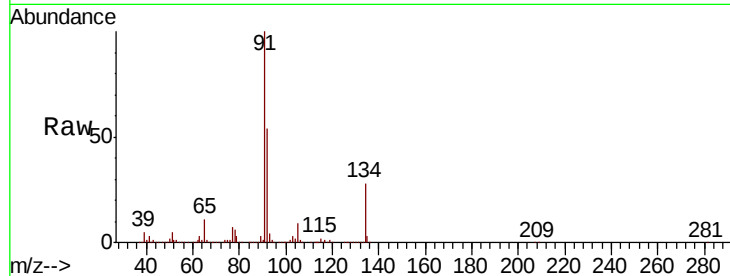
Tot Ion: 91 Resp: 790147

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.3

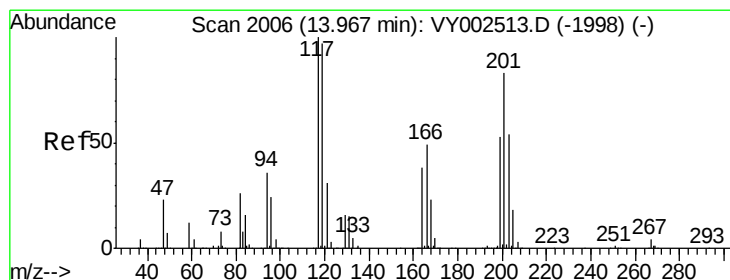
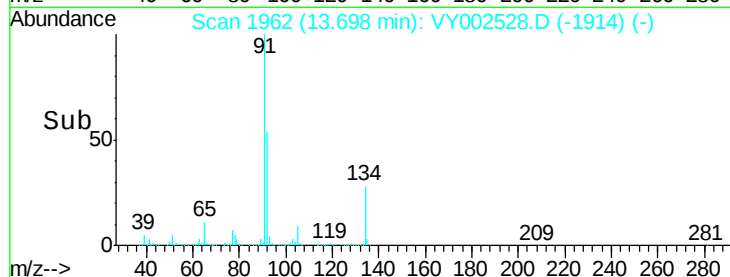
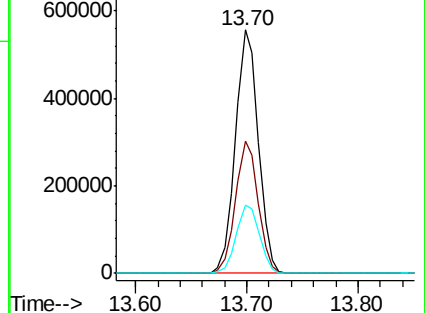
134 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)



#90

Hexachloroethane

Concen: 54.267 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002528.D

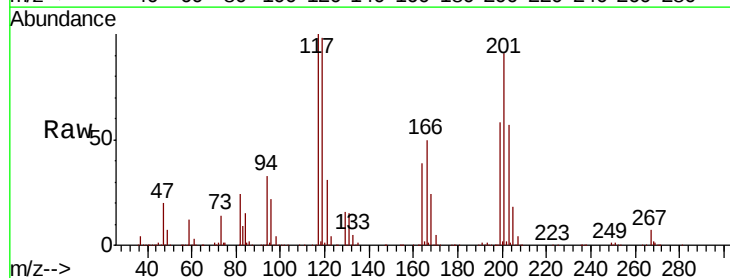
Acq: 04 May 2020 10:07

Tgt Ion: 117 Resp: 159833

Ion Ratio Lower Upper

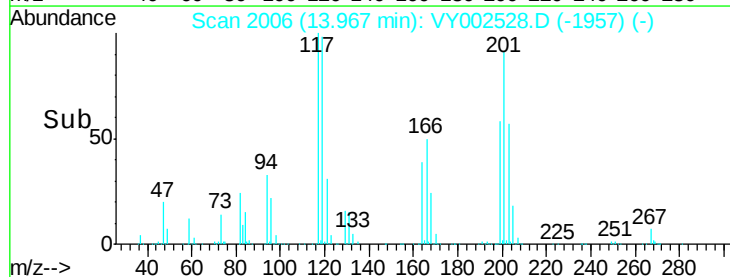
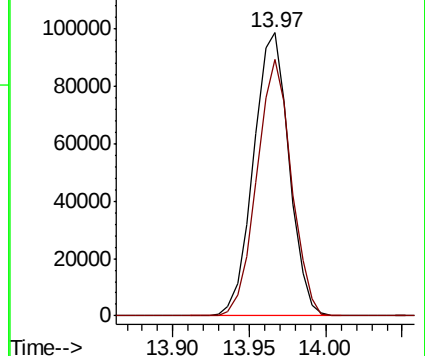
117 100

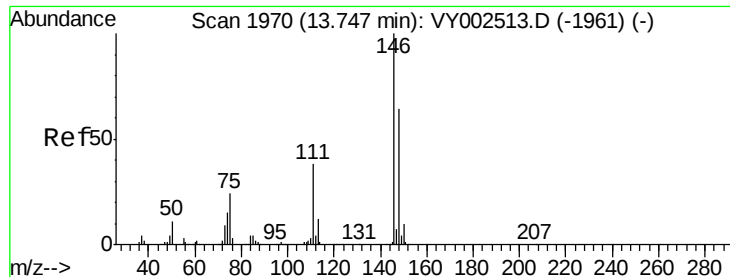
201 88.0 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)

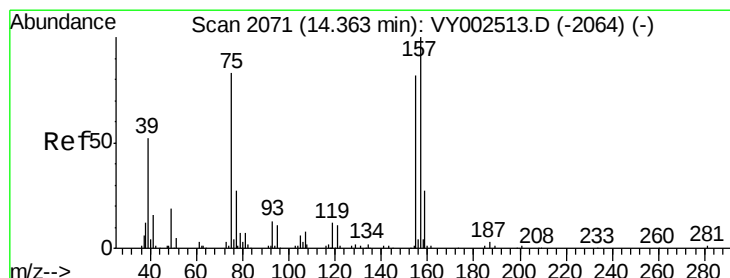
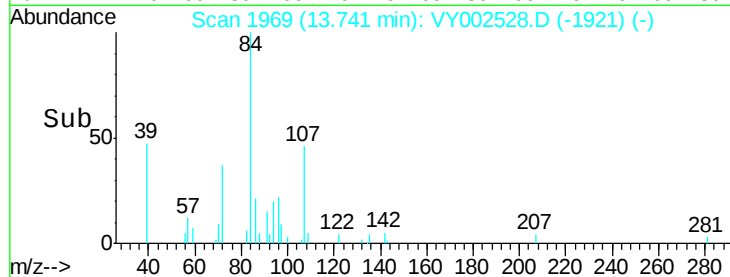
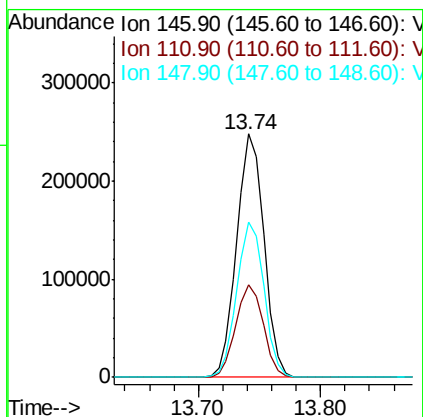
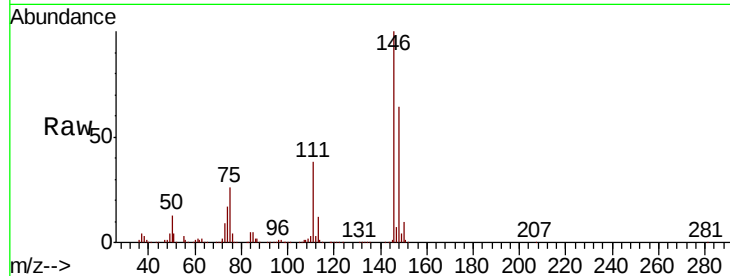




#91
 1,2-Dichlorobenzene
 Concen: 53.046 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

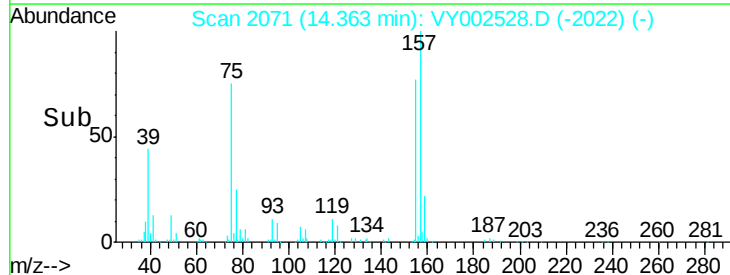
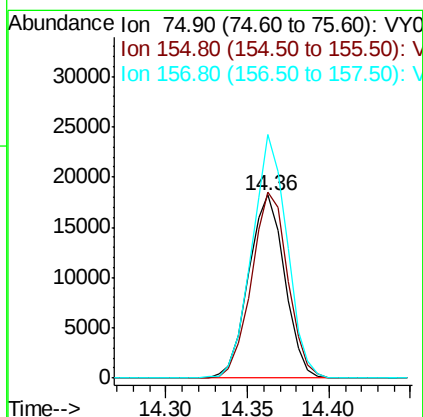
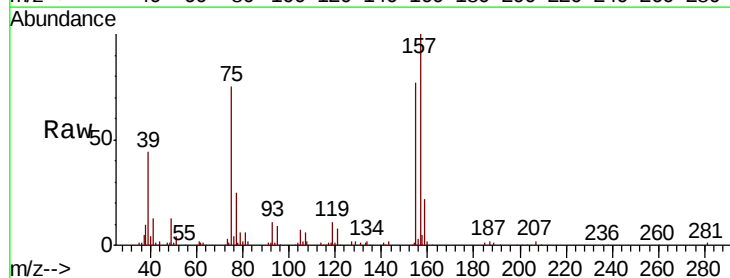
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

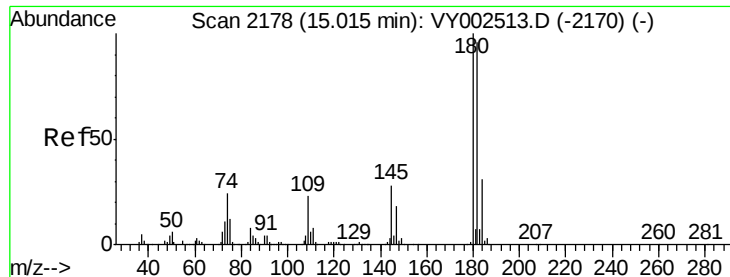
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.501 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.8	51.3	153.9
157	128.7	65.0	195.0

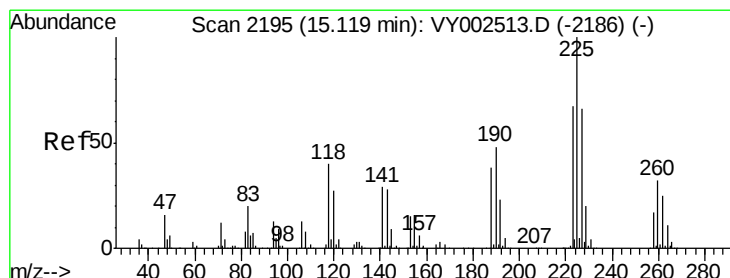
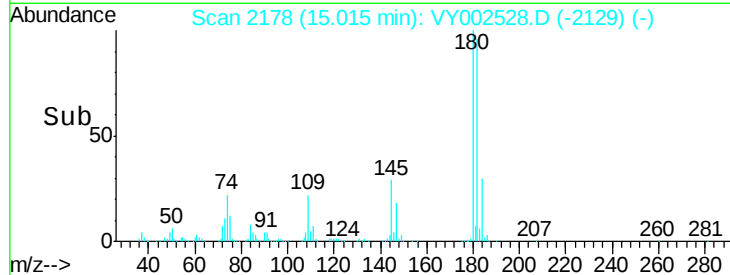
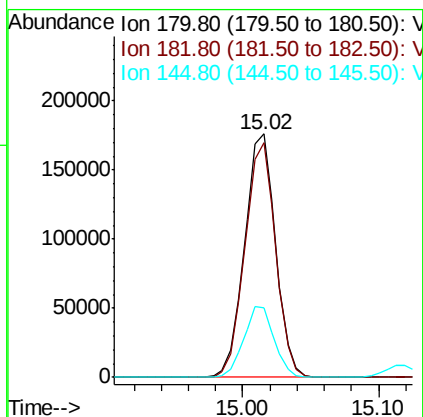
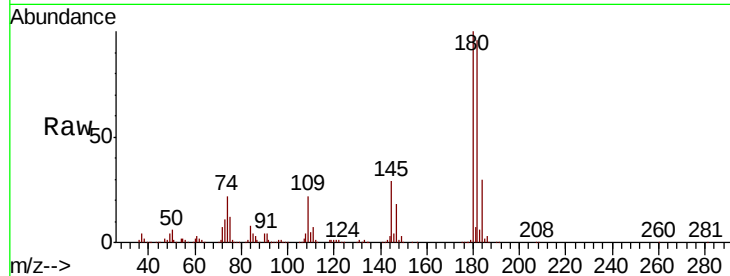




#93
 1,2,4-Trichlorobenzene
 Concen: 53.500 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

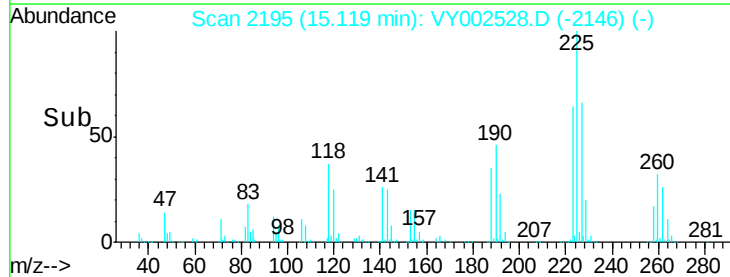
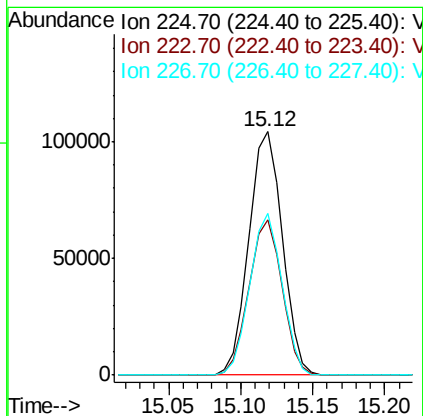
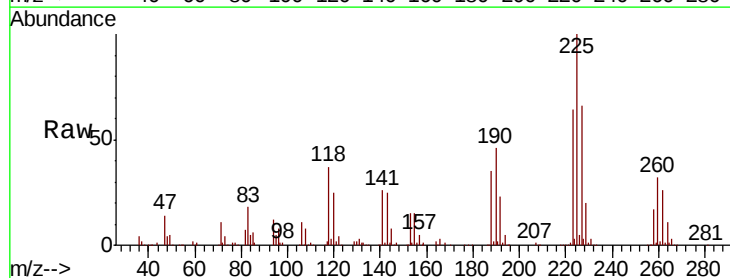
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

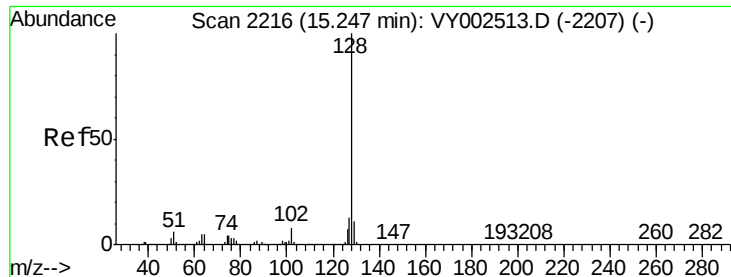
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 53.184 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002528.D
 Acq: 04 May 2020 10:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.1	96.5
227	64.1	32.0	96.2

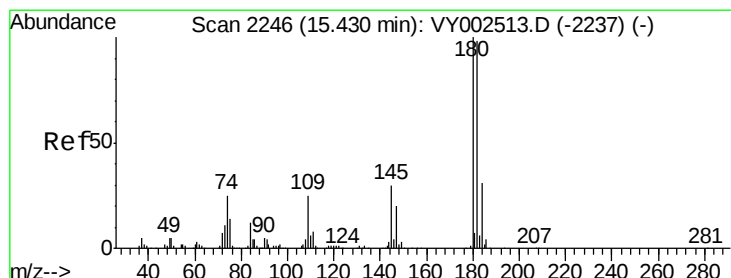
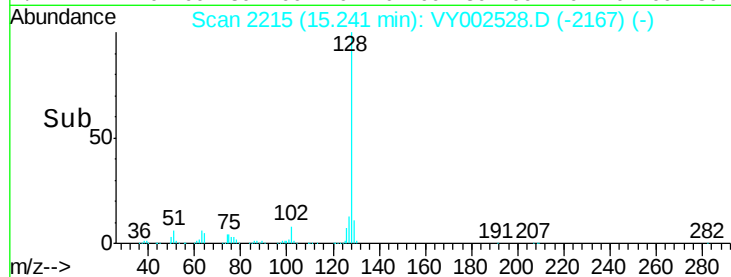
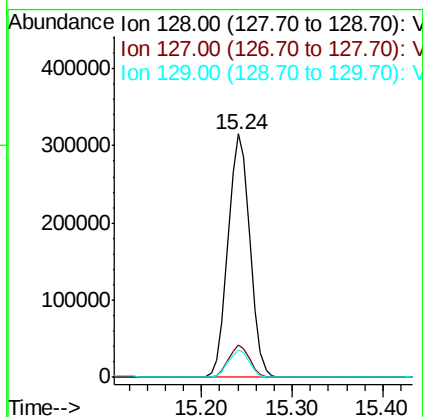
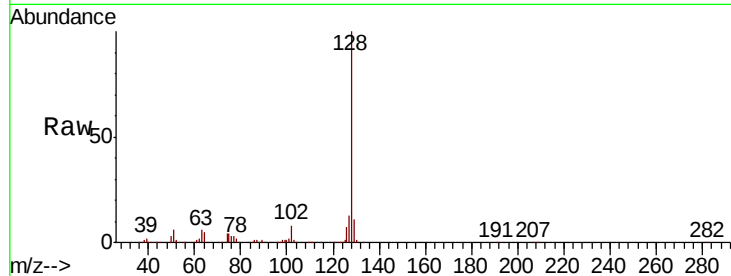




#95
Naphthalene
Concen: 54.945 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 525490
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.376 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002528.D
Acq: 04 May 2020 10:07

Tgt Ion:180 Resp: 237556
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.8
145 30.6 15.0 45.1

