

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000718.D
 Acq On : 18 Nov 2019 11:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 11:52:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	238020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	405447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183929	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132605	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	7.72	113	121281	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.18	98	497881	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
62) 4-Bromofluorobenzene	12.48	95	179090	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	125544	53.581	ug/l	98
3) Chloromethane	2.12	50	164189	50.869	ug/l	100
4) Vinyl Chloride	2.26	62	159914	53.352	ug/l	99
5) Bromomethane	2.65	94	108378	60.298	ug/l	98
6) Chloroethane	2.79	64	100994	53.838	ug/l	97
7) Trichlorofluoromethane	3.13	101	216419	53.466	ug/l	95
8) Diethyl Ether	3.54	74	76547	53.221	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127854	52.246	ug/l	98
10) Methyl Iodide	4.10	142	138791	43.530	ug/l	99
11) Tert butyl alcohol	4.96	59	60105	250.671	ug/l	98
12) 1,1-Dichloroethene	3.87	96	124390	52.318	ug/l	94
13) Acrolein	3.73	56	39411	188.697	ug/l	99
14) Allyl chloride	4.48	41	223366	57.776	ug/l	98
15) Acrylonitrile	5.17	53	204966	278.189	ug/l	99
16) Acetone	3.95	43	236760	348.748	ug/l	98
17) Carbon Disulfide	4.19	76	388995	51.874	ug/l	99
18) Methyl Acetate	4.48	43	114070	54.039	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	366643	55.464	ug/l	100
20) Methylene Chloride	4.72	84	143969	49.492	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	143316	53.319	ug/l	94
22) Diisopropyl ether	6.12	45	494255	58.819	ug/l	97
23) Vinyl Acetate	6.07	43	1537031	289.763	ug/l	98
24) 1,1-Dichloroethane	6.02	63	254027	55.802	ug/l	97
25) 2-Butanone	7.00	43	322168	297.352	ug/l	98
26) 2,2-Dichloropropane	6.99	77	224404	53.941	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	162924	55.433	ug/l	98
28) Bromochloromethane	7.34	49	114359	54.667	ug/l	94
29) Tetrahydrofuran	7.36	42	184695	278.651	ug/l	99
30) Chloroform	7.52	83	259901	56.437	ug/l	97
31) Cyclohexane	7.79	56	248327	52.082	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	224798	54.773	ug/l	99
36) 1,1-Dichloropropene	7.93	75	207776	54.209	ug/l	97
37) Ethyl Acetate	7.08	43	124548	54.732	ug/l	99
38) Carbon Tetrachloride	7.91	117	197235	53.479	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	265849	53.687	ug/l	96
40) Benzene	8.17	78	602568	53.623	ug/l	100
41) Methacrylonitrile	7.35	41	166253	130.962	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	171187	53.712	ug/l	99
43) Isopropyl Acetate	8.28	43	230623	53.950	ug/l	100
44) Trichloroethene	8.94	130	156088	52.682	ug/l	97
45) 1,2-Dichloropropane	9.22	63	150227	54.318	ug/l	96
46) Dibromomethane	9.31	93	82184	54.032	ug/l	97
47) Bromodichloromethane	9.50	83	198803	55.084	ug/l	99
48) Methyl methacrylate	9.30	41	103862	55.608	ug/l	96
49) 1,4-Dioxane	9.30	88	21278	1039.441	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	620983	273.227	ug/l	98
52) Toluene	10.24	92	387569	54.553	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	217037	56.281	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	247968	56.130	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	120120	54.601	ug/l	98
56) Ethyl methacrylate	10.51	69	180507	57.890	ug/l	97
57) 1,3-Dichloropropane	10.79	76	210765	54.738	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	385084	273.176	ug/l	98
59) 2-Hexanone	10.83	43	475563	287.188	ug/l	98
60) Dibromochloromethane	10.99	129	137232	54.459	ug/l	98
61) 1,2-Dibromoethane	11.09	107	115641	54.670	ug/l	99
64) Tetrachloroethene	10.72	164	154551	50.009	ug/l	98
65) Chlorobenzene	11.52	112	404511	53.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	139150	52.947	ug/l	99
67) Ethyl Benzene	11.59	91	759479	54.457	ug/l	99
68) m/p-Xylenes	11.70	106	574450	106.423	ug/l	97
69) o-Xylene	12.03	106	272742	53.763	ug/l	97
70) Styrene	12.04	104	473303	54.485	ug/l	99
71) Bromoform	12.21	173	82720	54.724	ug/l #	97
73) Isopropylbenzene	12.33	105	743790	54.715	ug/l	100
74) N-amyl acetate	12.14	43	218284	56.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	149813	55.660	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	205067	97.918	ug/l #	100
77) Bromobenzene	12.61	156	163687	53.099	ug/l	96
78) n-propylbenzene	12.67	91	912986	55.663	ug/l	100
79) 2-Chlorotoluene	12.75	91	498908	54.791	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	616842	54.484	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	55391	59.301	ug/l	95
82) 4-Chlorotoluene	12.85	91	527492	55.886	ug/l	98
83) tert-Butylbenzene	13.08	119	523105	54.114	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	615614	54.612	ug/l	100
85) sec-Butylbenzene	13.25	105	770144	55.919	ug/l	100
86) p-Isopropyltoluene	13.37	119	674898	54.983	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	322643	53.436	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	323759	53.660	ug/l	100
89) n-Butylbenzene	13.70	91	687582	56.794	ug/l	99
90) Hexachloroethane	13.96	117	125816	55.445	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	296399	54.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24037	50.460	ug/l	98

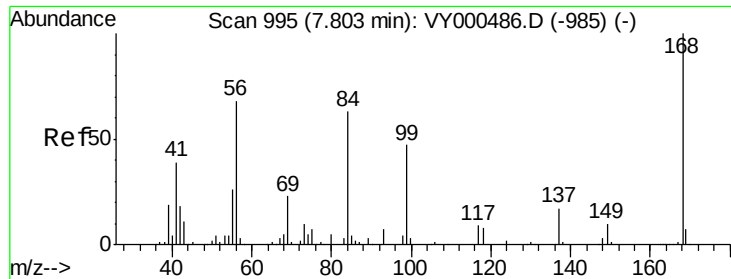
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	192796	51.686	ug/l	97
94) Hexachlorobutadiene	15.11	225	97938	50.934	ug/l	99
95) Naphthalene	15.23	128	443806	53.595	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	174520	52.149	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

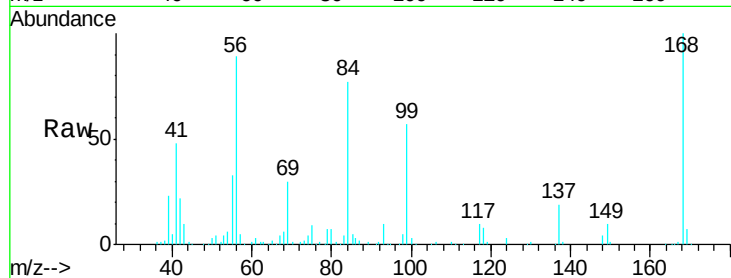
VSTDCCC050

Tgt Ion: 168 Resp: 238020

Ion Ratio Lower Upper

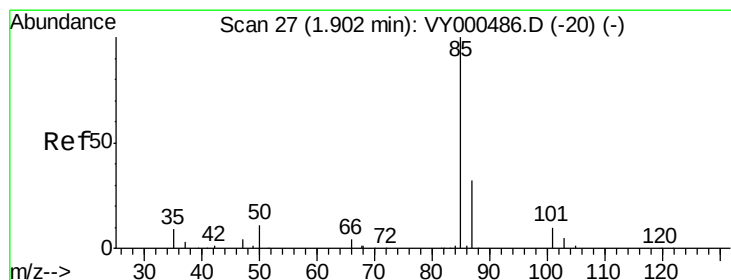
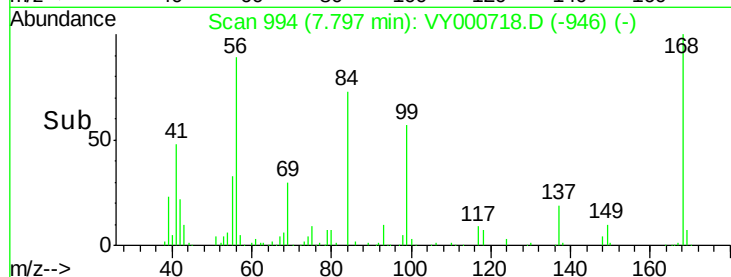
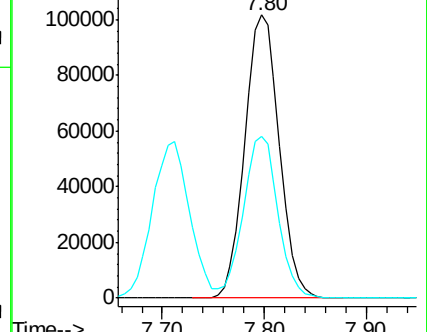
168 100

99 57.4 45.7 68.5



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

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 53.581 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000718.D

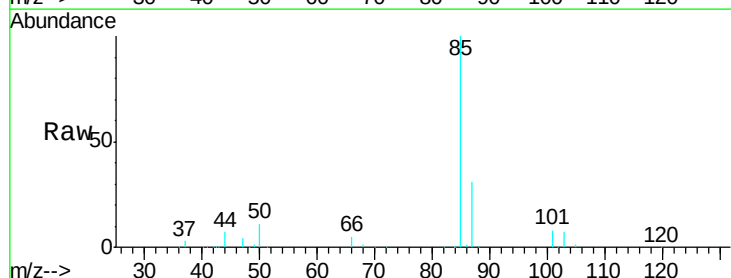
Acq: 18 Nov 2019 11:01

Tgt Ion: 85 Resp: 125544

Ion Ratio Lower Upper

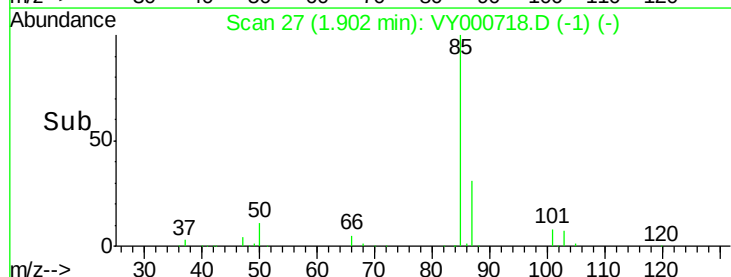
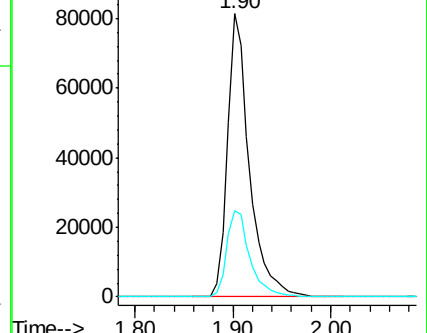
85 100

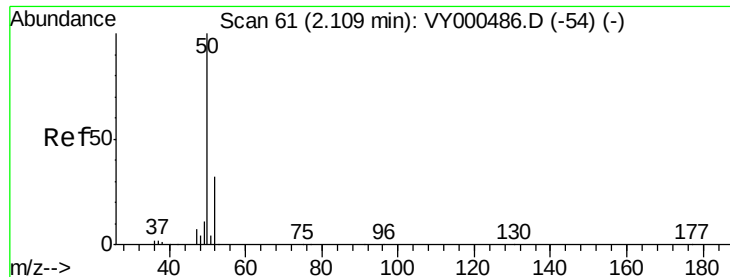
87 30.6 15.9 47.7



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

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)





#3

Chloromethane

Concen: 50.869 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

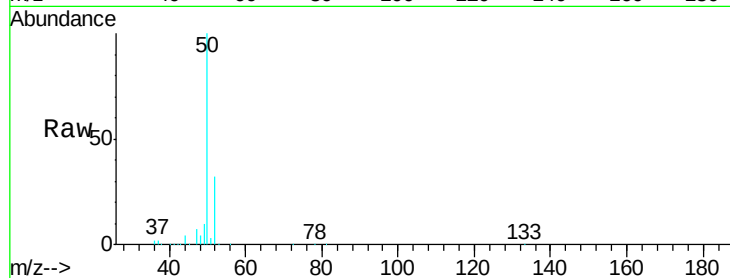
VSTDCCC050

Tgt Ion: 50 Resp: 164189

Ion Ratio Lower Upper

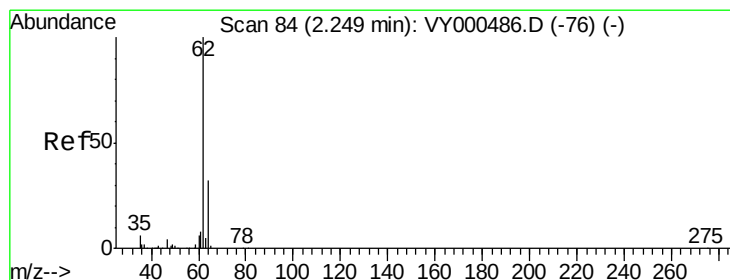
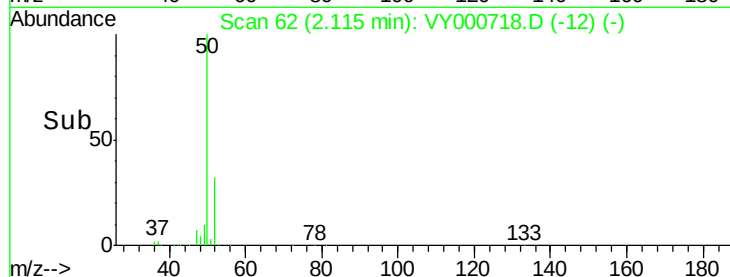
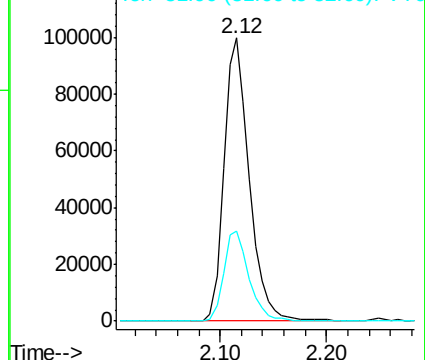
50 100

52 31.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 53.352 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000718.D

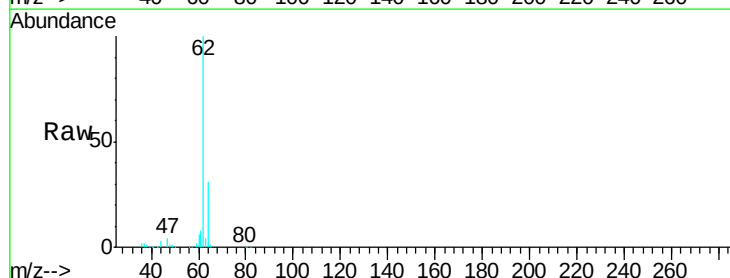
Acq: 18 Nov 2019 11:01

Tgt Ion: 62 Resp: 159914

Ion Ratio Lower Upper

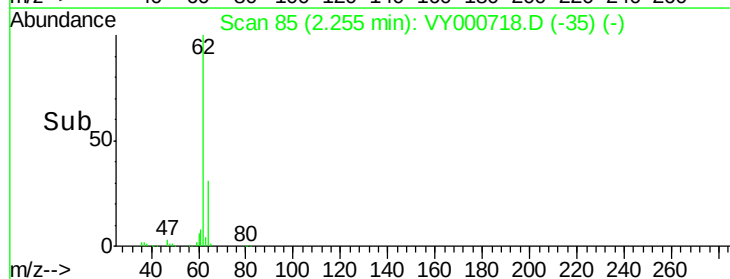
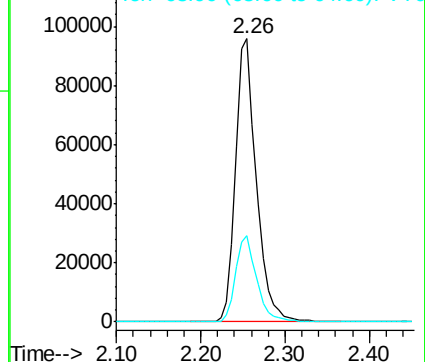
62 100

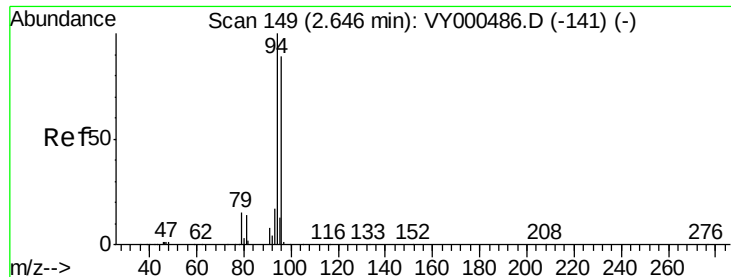
64 30.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 60.298 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

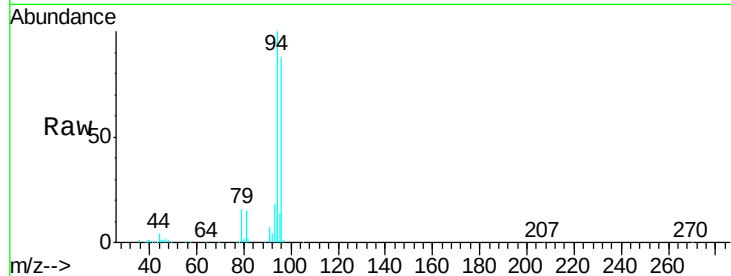
VSTDCCC050

Tgt Ion: 94 Resp: 108378

Ion Ratio Lower Upper

94 100

96 87.5 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

30000

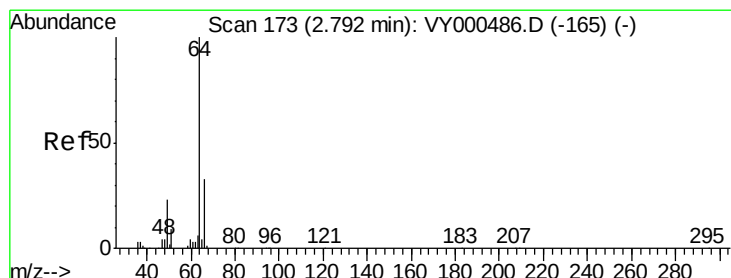
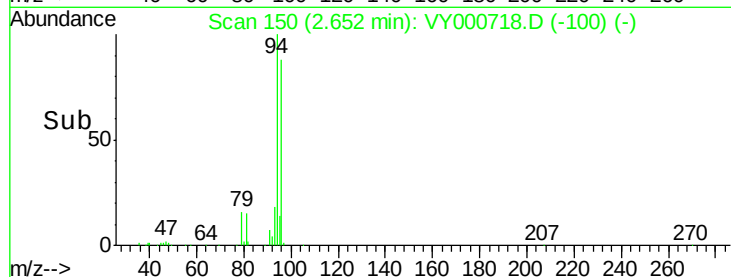
20000

10000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 53.838 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000718.D

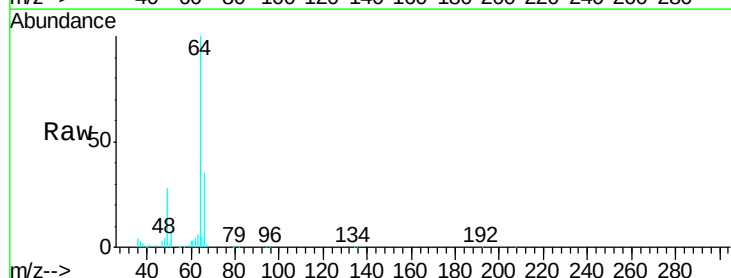
Acq: 18 Nov 2019 11:01

Tgt Ion: 64 Resp: 100994

Ion Ratio Lower Upper

64 100

66 34.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

50000

40000

30000

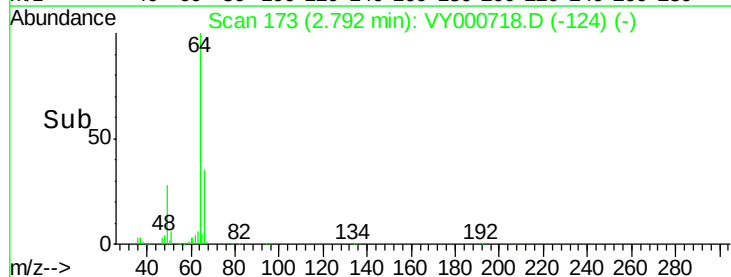
20000

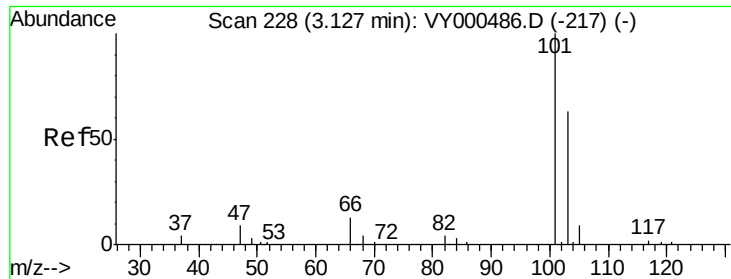
10000

0

2.70 2.80 2.90 3.00

Time-->



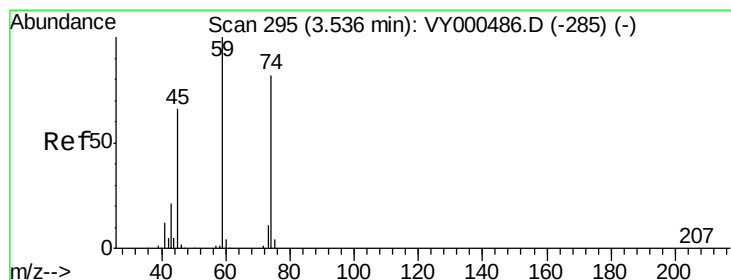
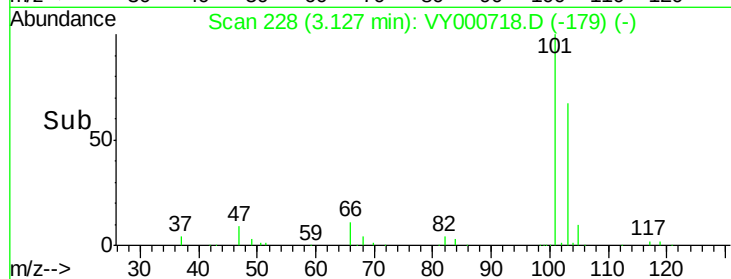
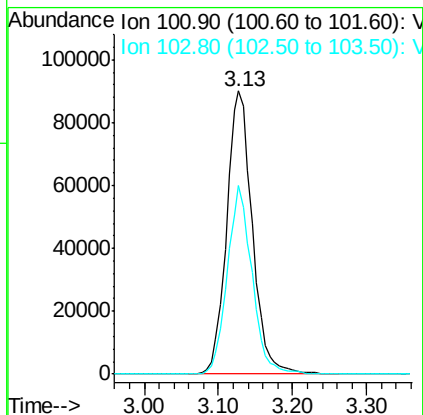
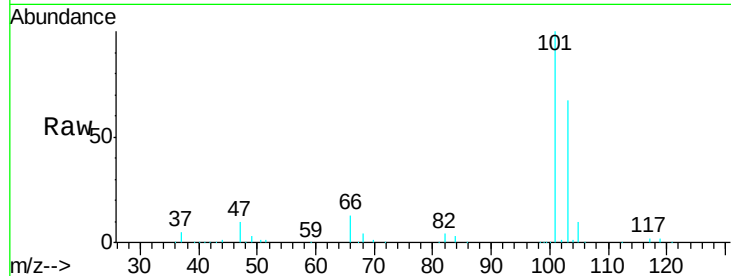


#7

Trichlorofluoromethane
 Concen: 53.466 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

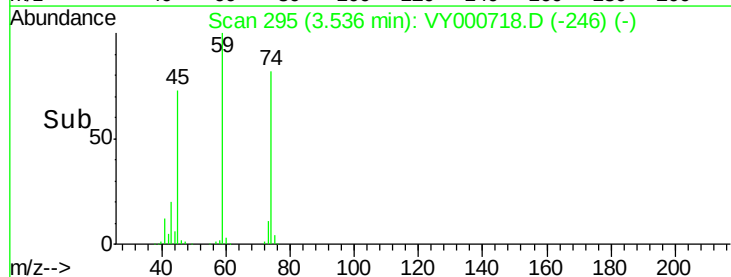
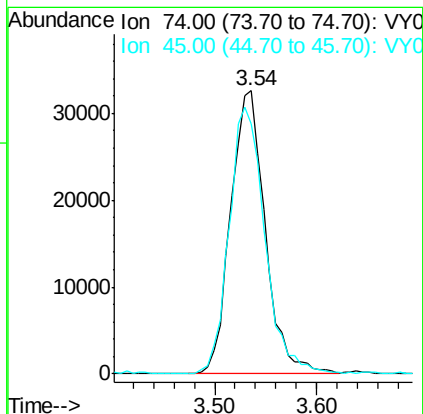
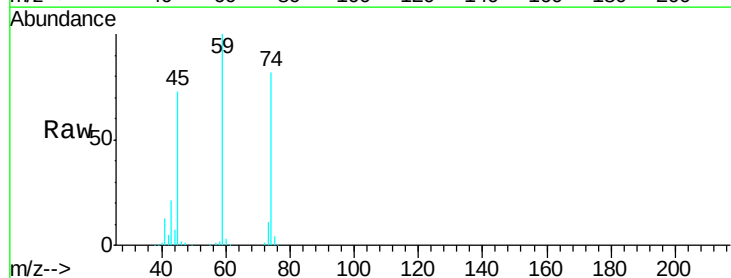
Tgt Ion:101 Resp: 216419
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.5 75.7

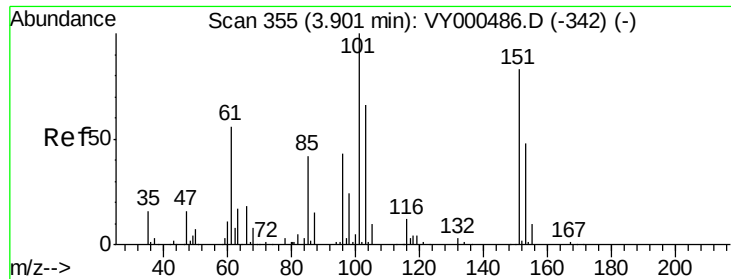


#8

Diethyl Ether
 Concen: 53.221 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 74 Resp: 76547
 Ion Ratio Lower Upper
 74 100
 45 97.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.246 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

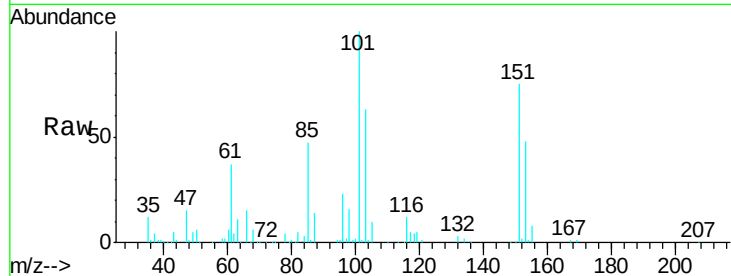
Tgt Ion:101 Resp: 127854

Ion Ratio Lower Upper

101 100

85 45.5 36.7 55.1

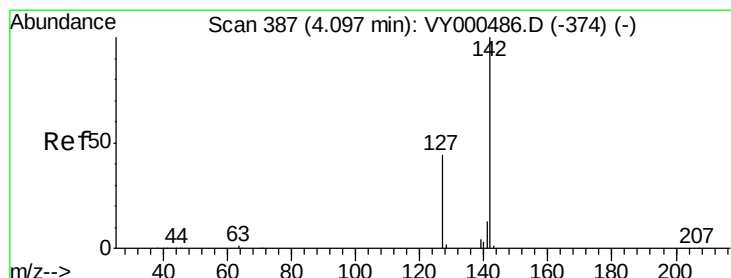
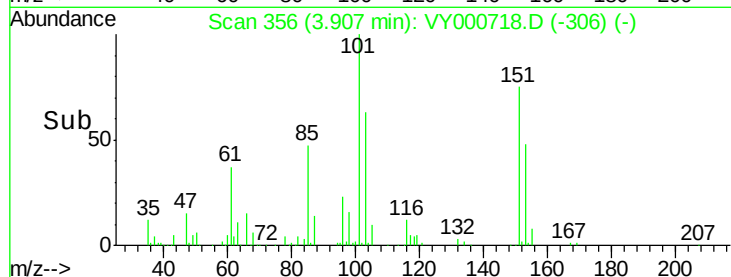
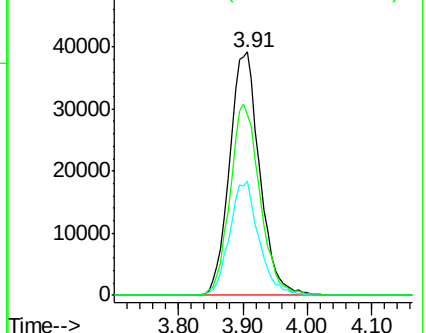
151 77.8 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.530 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

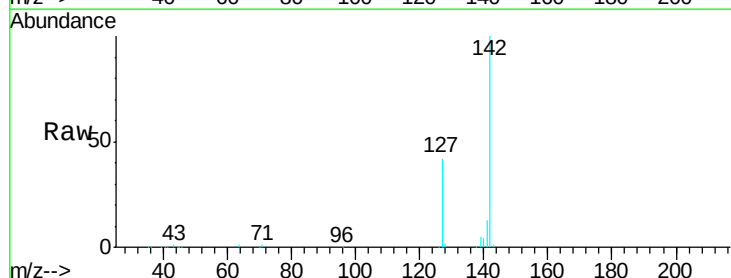
Tgt Ion:142 Resp: 138791

Ion Ratio Lower Upper

142 100

127 42.6 33.7 50.5

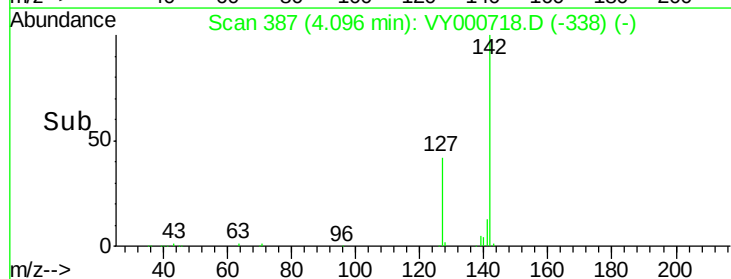
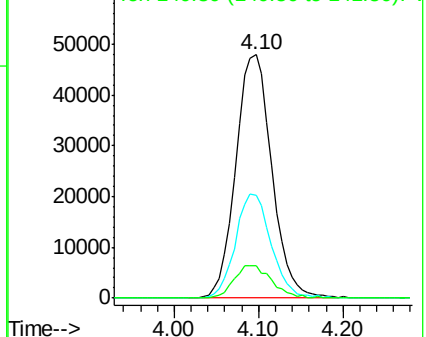
141 14.0 10.9 16.3

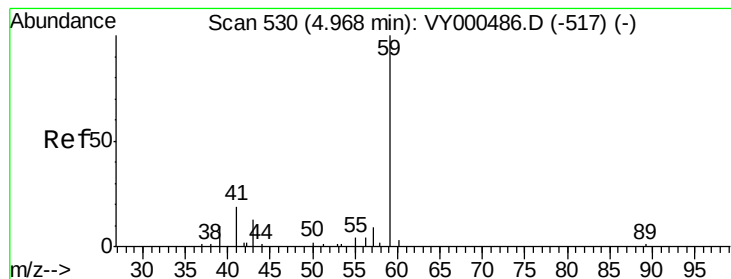


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



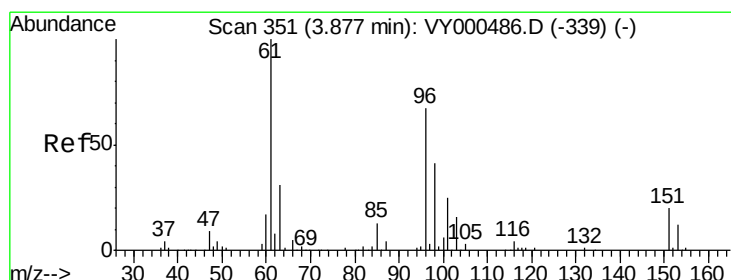
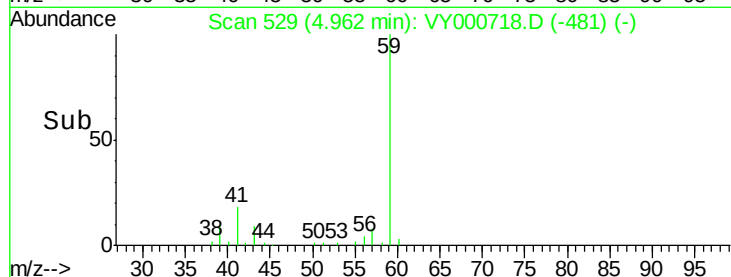
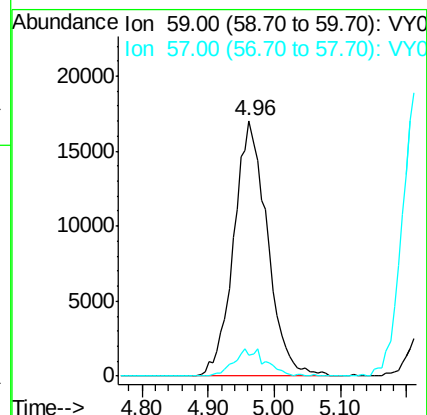
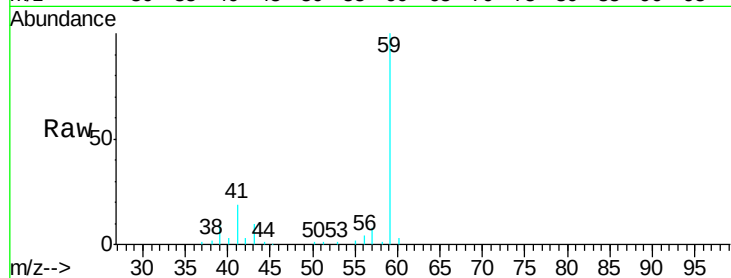


#11

Tert butyl alcohol
 Concen: 250.671 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

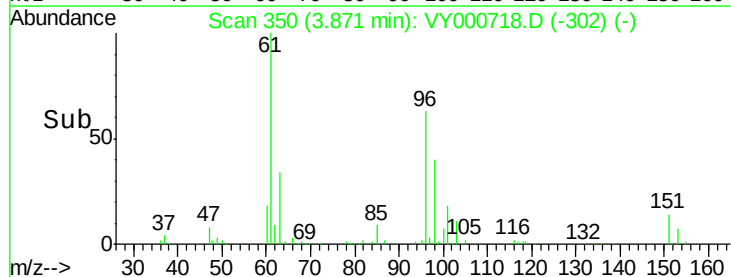
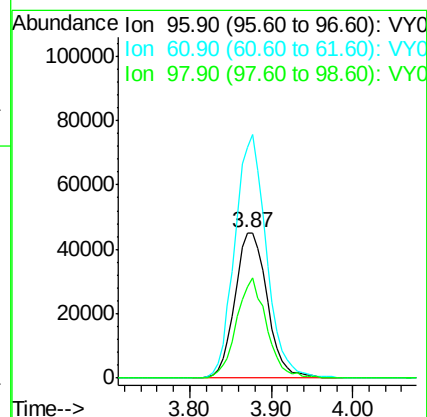
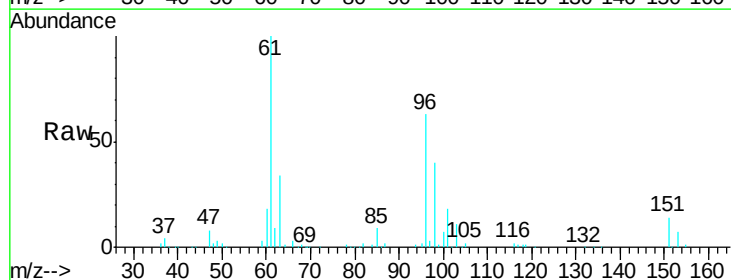
Tgt Ion: 59 Resp: 60105
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.6 12.8

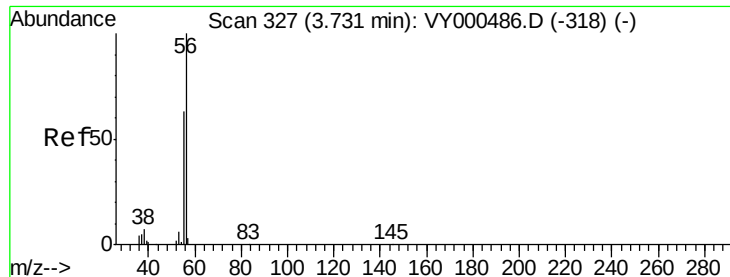


#12

1,1-Dichloroethene
 Concen: 52.318 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 96 Resp: 124390
 Ion Ratio Lower Upper
 96 100
 61 158.5 119.2 178.8
 98 62.7 48.6 73.0





#13

Acrolein

Concen: 188.697 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

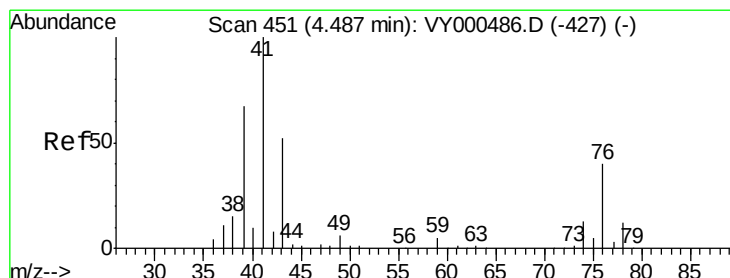
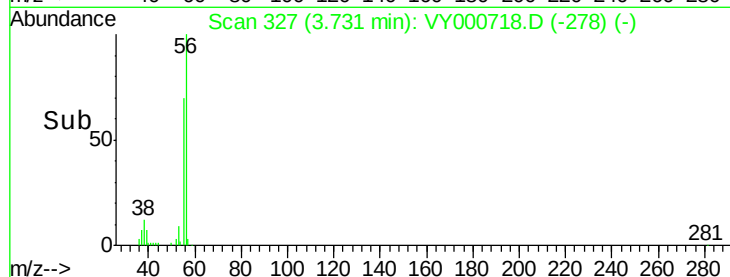
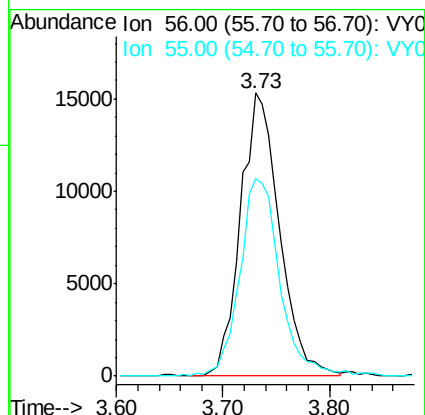
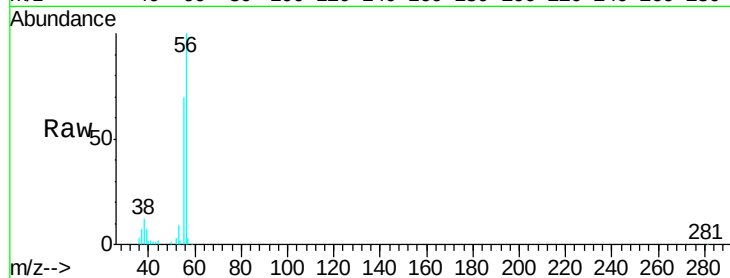
VSTDCCC050

Tgt Ion: 56 Resp: 39411

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.6



#14

Allyl chloride

Concen: 57.776 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

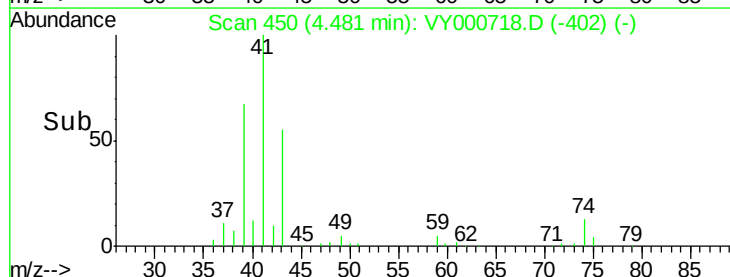
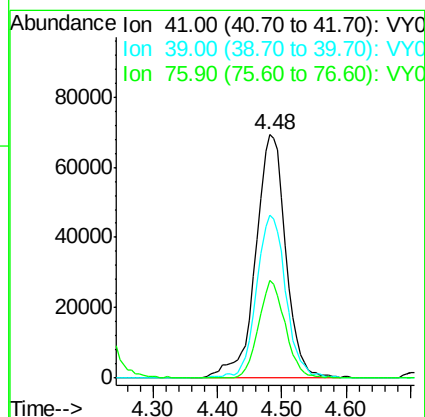
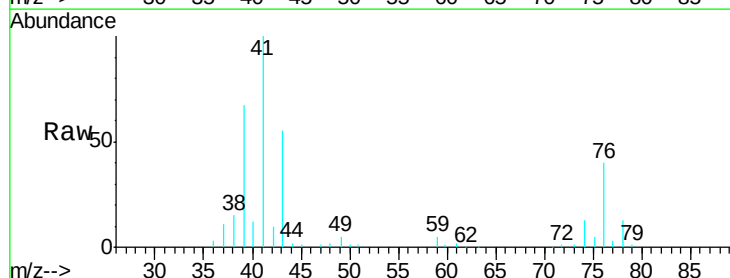
Tgt Ion: 41 Resp: 223366

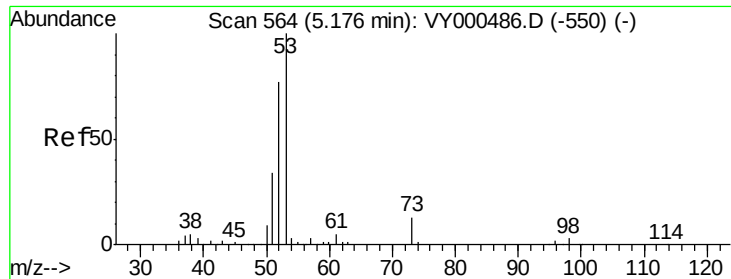
Ion Ratio Lower Upper

41 100

39 65.2 53.6 80.4

76 35.6 29.8 44.6





#15

Acrylonitrile

Concen: 278.189 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

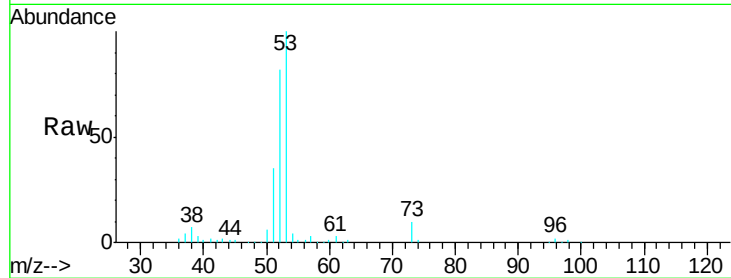
Tgt Ion: 53 Resp: 204966

Ion Ratio Lower Upper

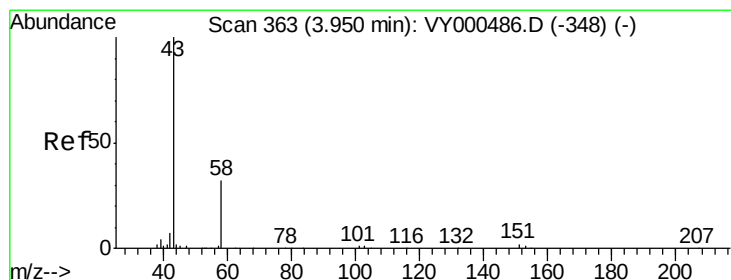
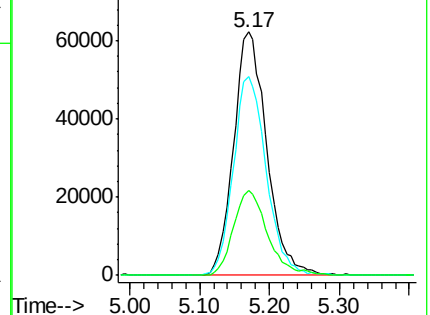
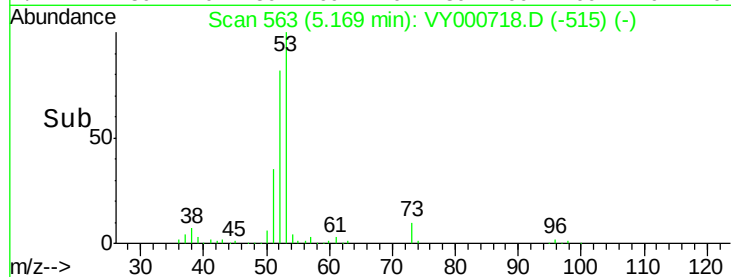
53 100

52 81.2 64.9 97.3

51 35.9 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000486.D (-550) (-)



#16

Acetone

Concen: 348.748 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY000718.D

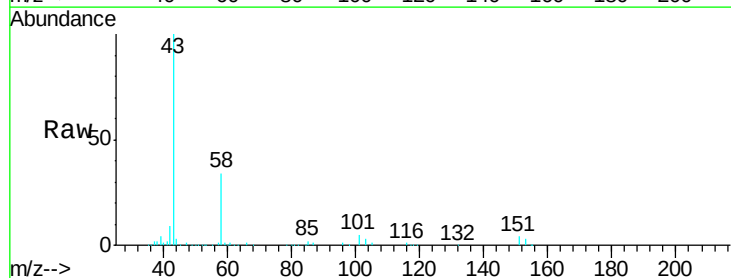
Acq: 18 Nov 2019 11:01

Tgt Ion: 43 Resp: 236760

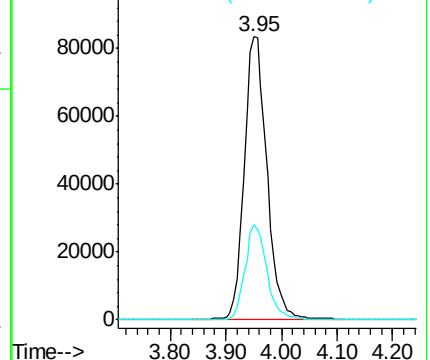
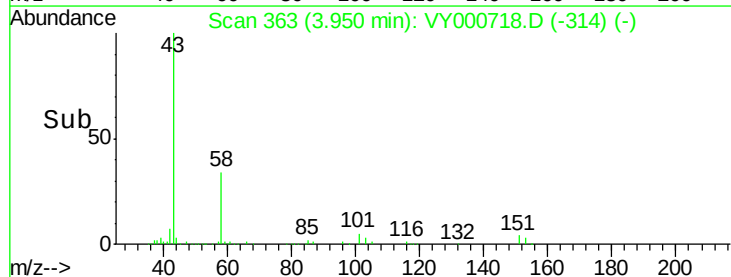
Ion Ratio Lower Upper

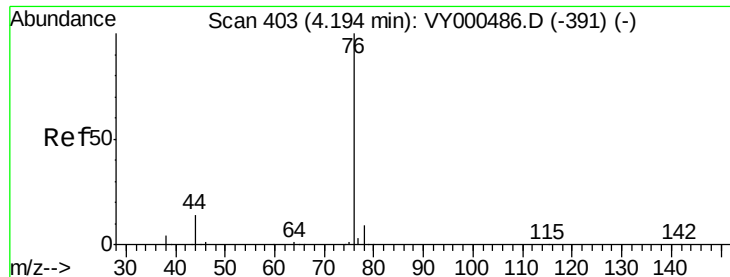
43 100

58 33.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

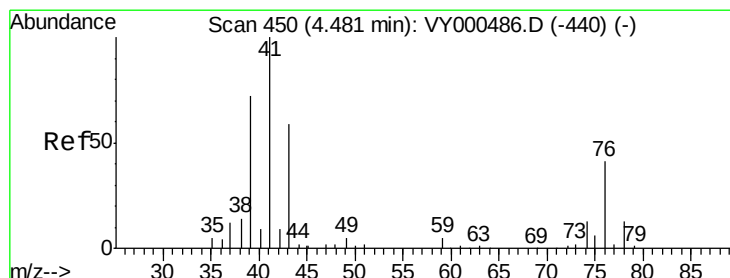
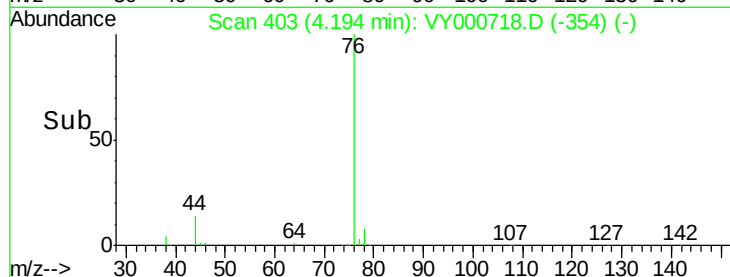
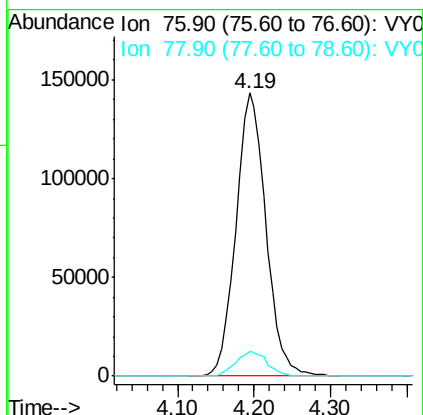
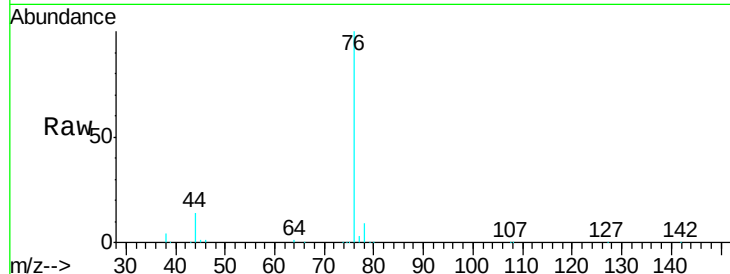




#17
Carbon Disulfide
Concen: 51.874 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

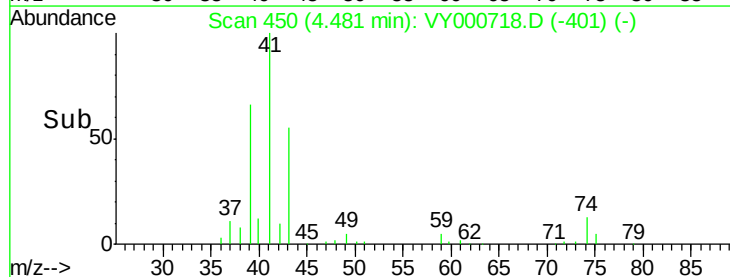
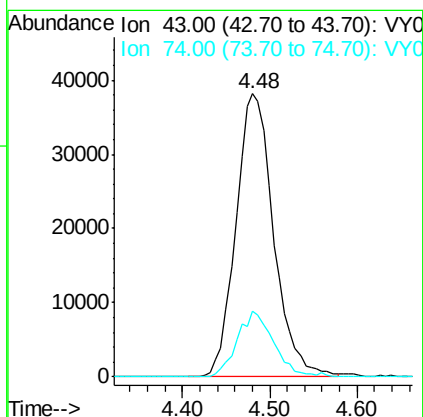
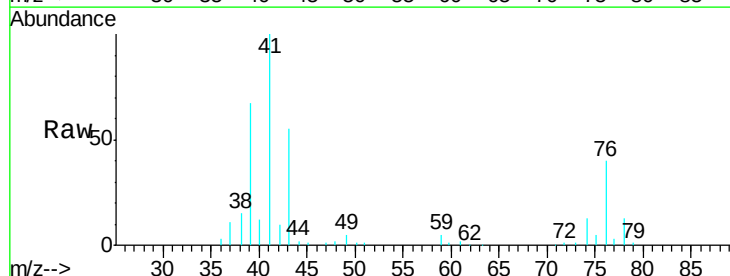
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

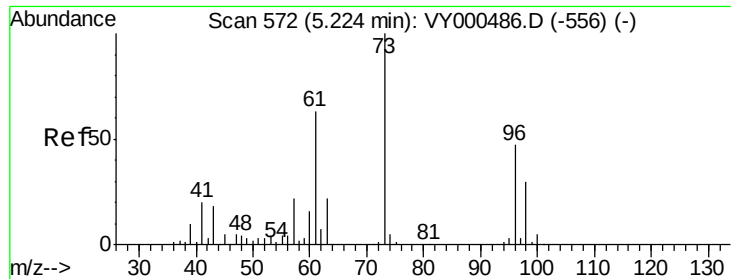
Tgt Ion: 76 Resp: 388995
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 54.039 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 43 Resp: 114070
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8

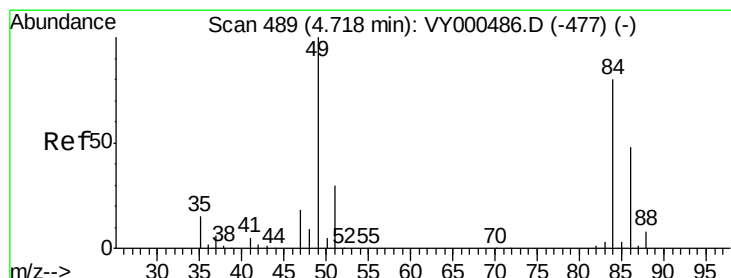
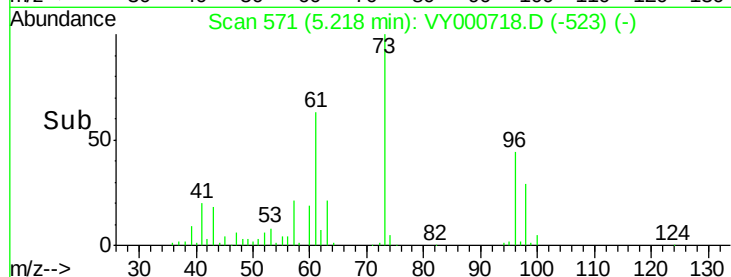
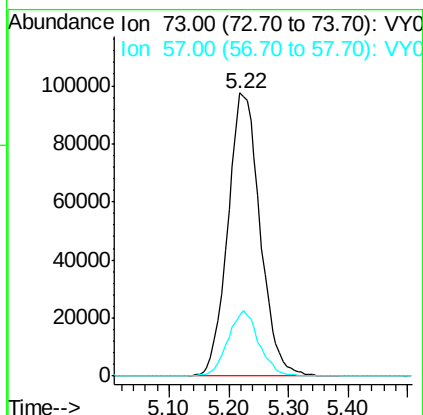
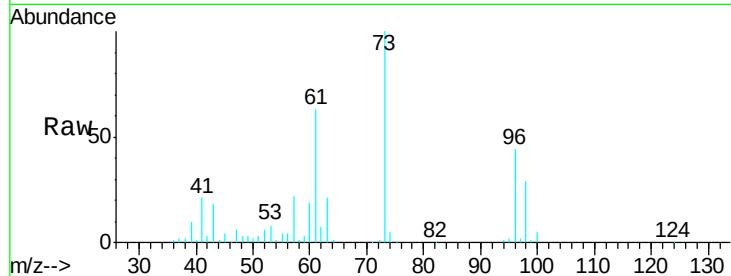




#19
Methyl tert-butyl Ether
Concen: 55.464 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

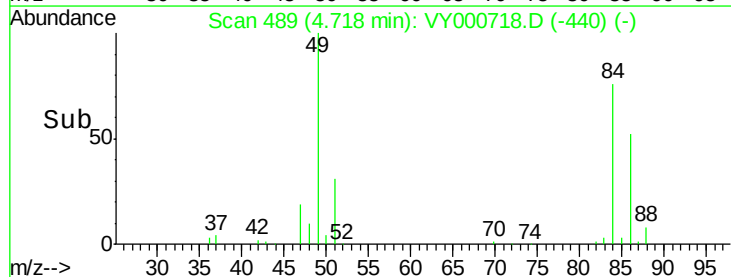
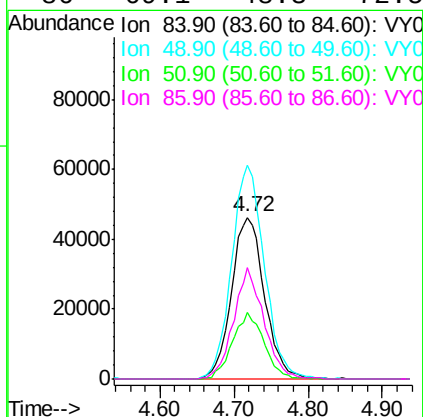
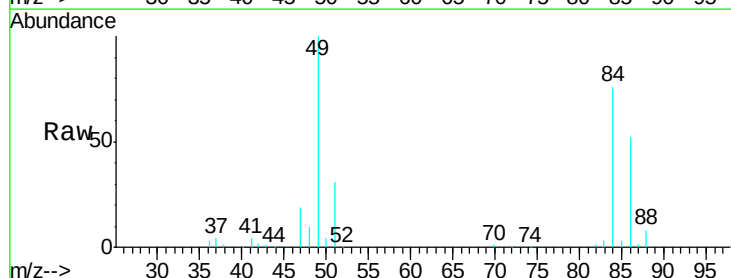
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

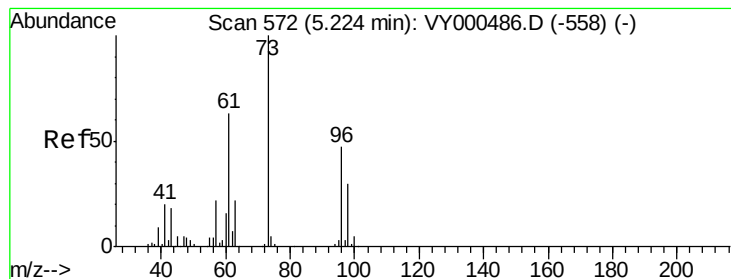
Tgt Ion: 73 Resp: 366643
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 49.492 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 84 Resp: 143969
Ion Ratio Lower Upper
84 100
49 131.9 100.2 150.4
51 40.8 29.6 44.4
86 69.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 53.319 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

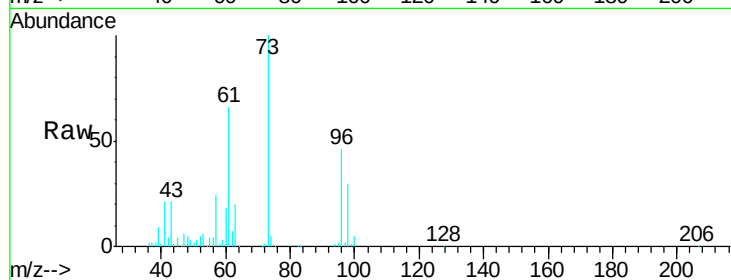
Tgt Ion: 96 Resp: 143316

Ion Ratio Lower Upper

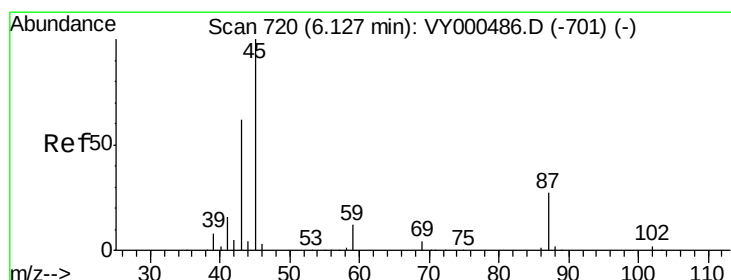
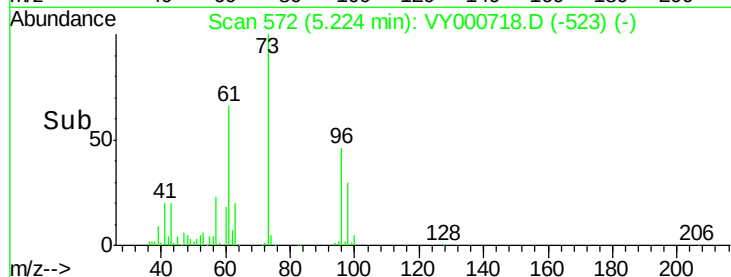
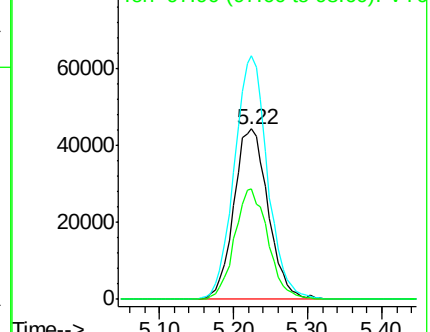
96 100

61 143.0 106.6 160.0

98 64.6 50.6 76.0



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



#22

Diisopropyl ether

Concen: 58.819 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Tgt Ion: 45 Resp: 494255

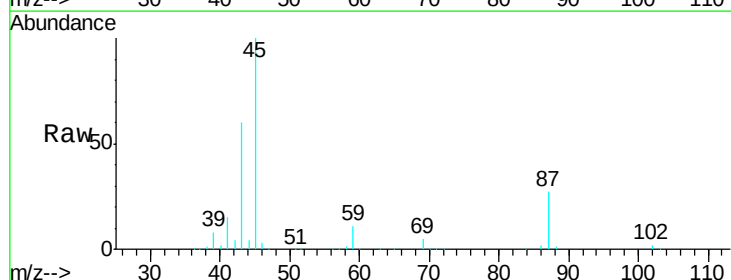
Ion Ratio Lower Upper

45 100

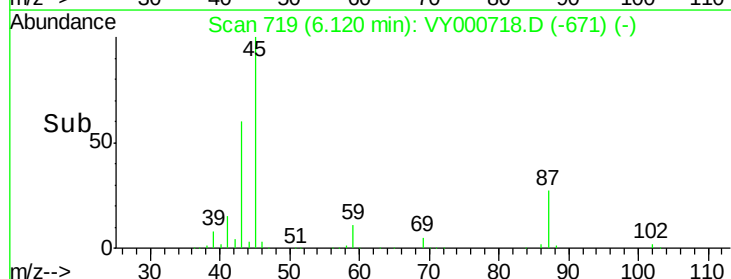
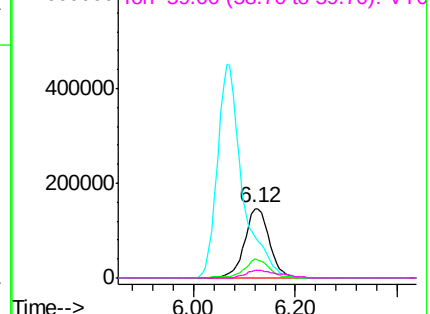
43 59.6 50.0 75.0

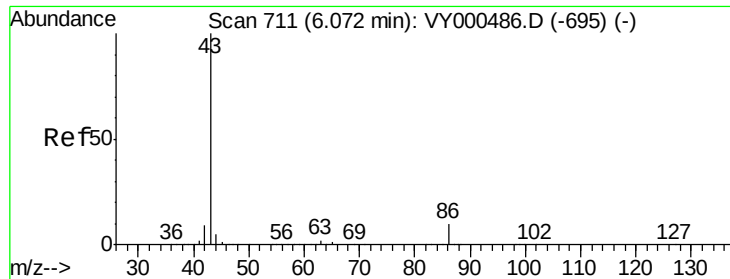
87 26.9 21.6 32.4

59 11.3 9.5 14.3



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





#23

Vinyl Acetate

Concen: 289.763 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

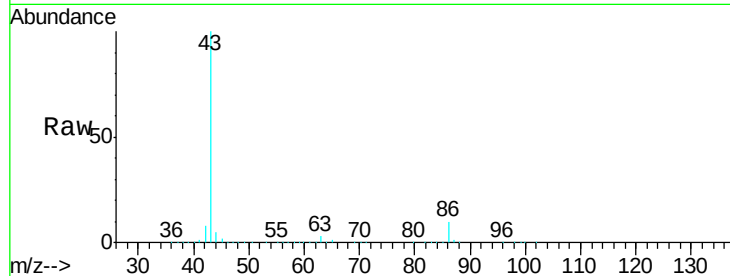
VSTDCCC050

Tgt Ion: 43 Resp: 1537031

Ion Ratio Lower Upper

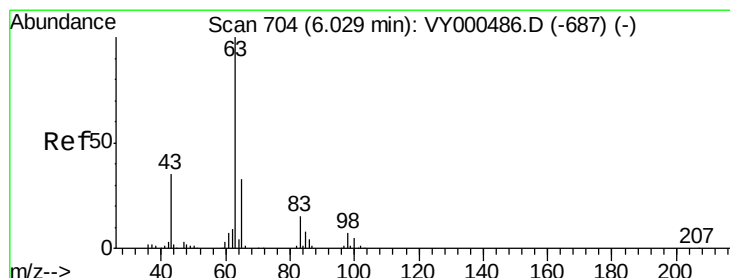
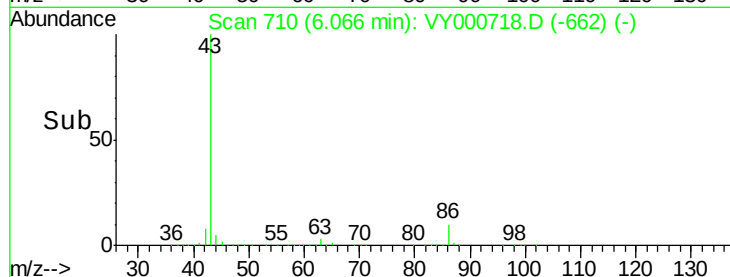
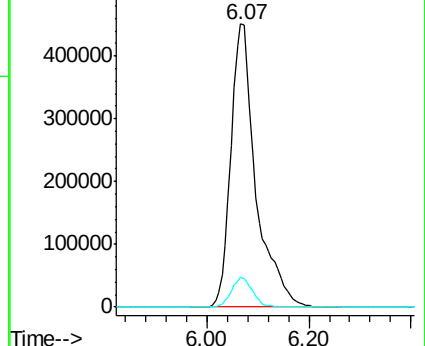
43 100

86 10.4 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.802 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

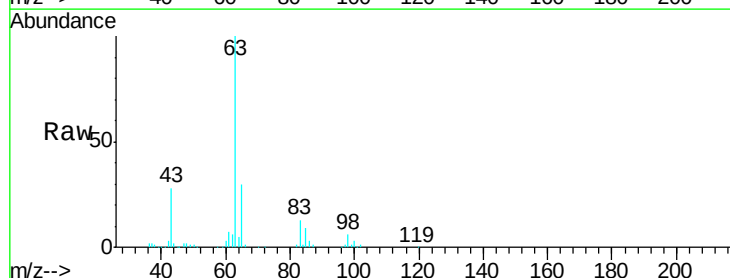
Tgt Ion: 63 Resp: 254027

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

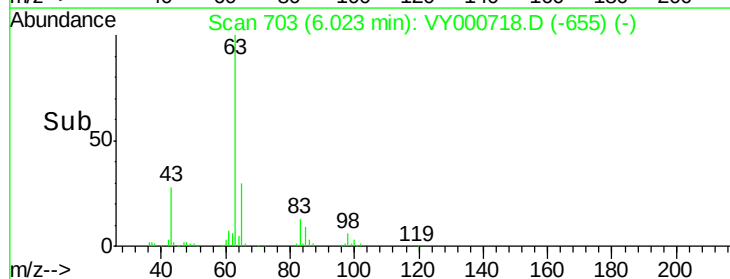
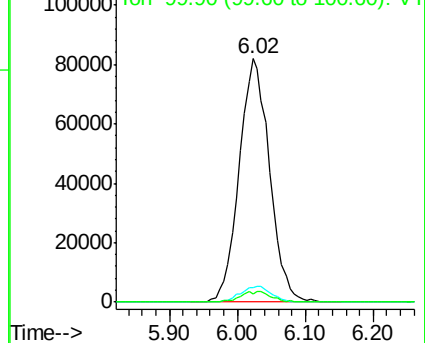
100 3.4 2.4 7.1

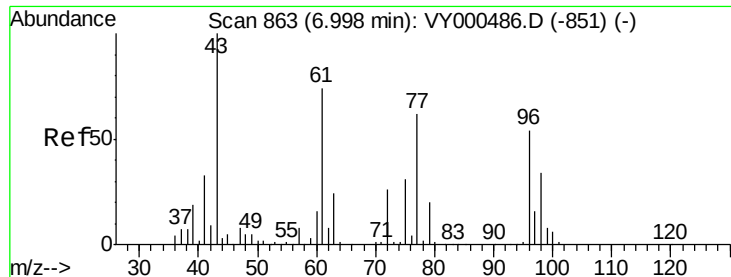


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 297.352 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

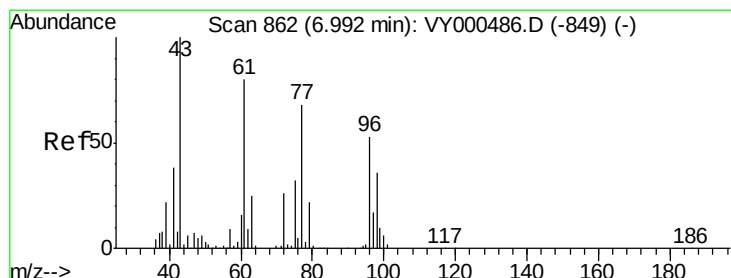
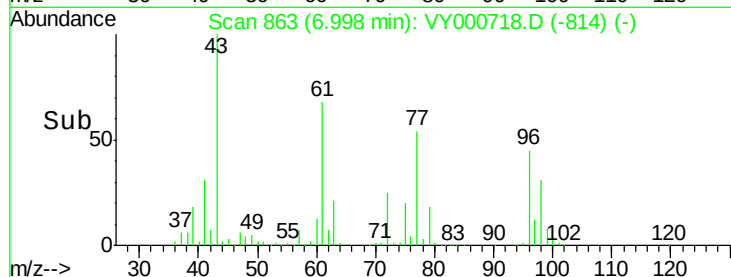
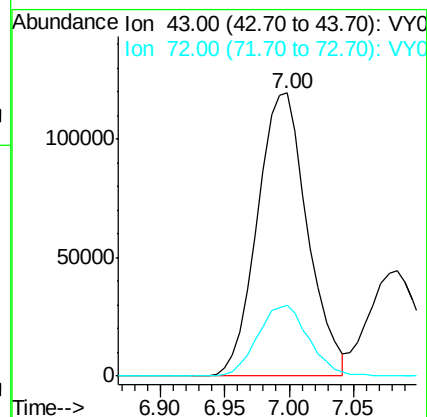
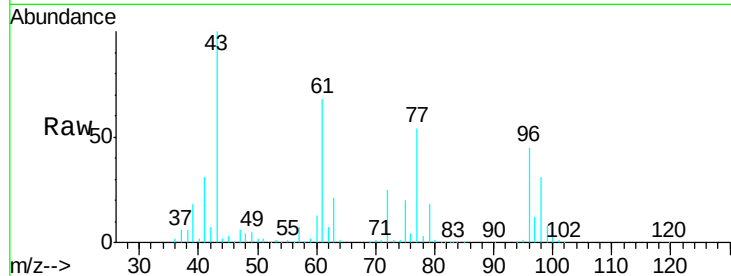
VSTDCCC050

Tgt Ion: 43 Resp: 322168

Ion Ratio Lower Upper

43 100

72 25.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 53.941 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000718.D

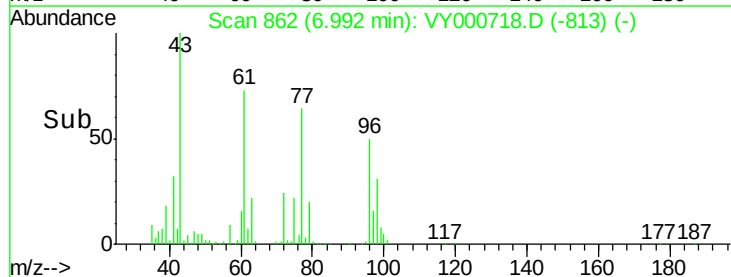
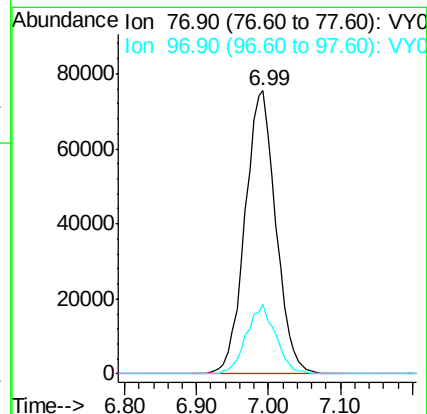
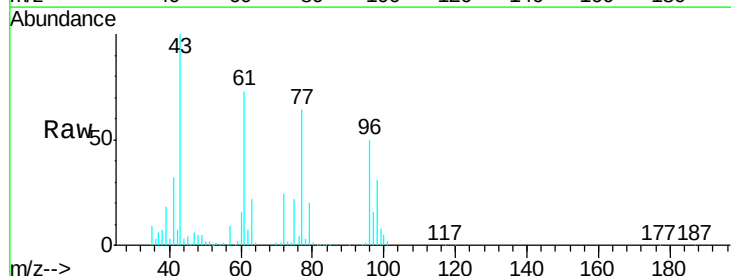
Acq: 18 Nov 2019 11:01

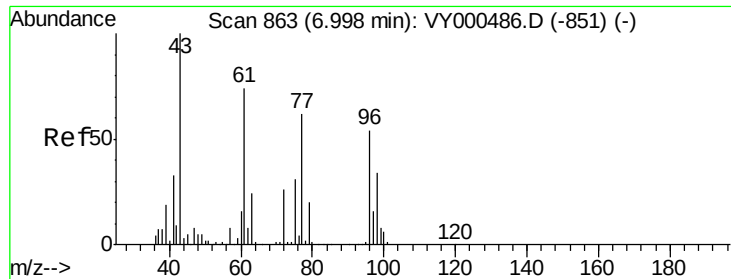
Tgt Ion: 77 Resp: 224404

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4



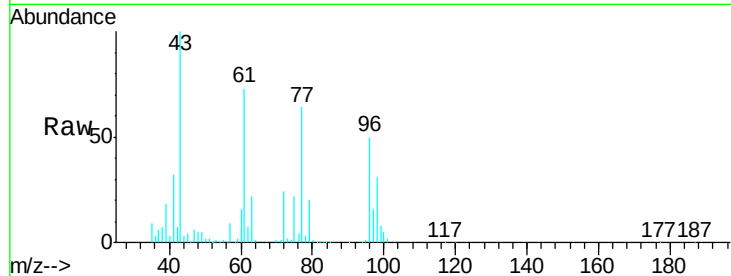


#27

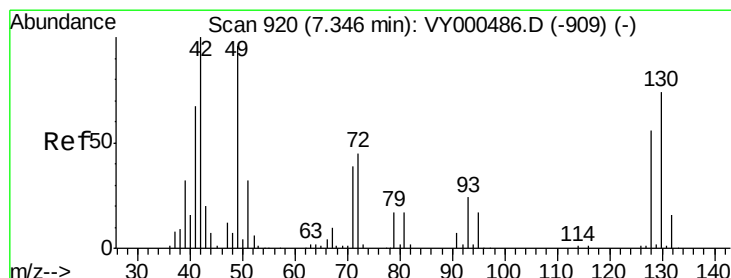
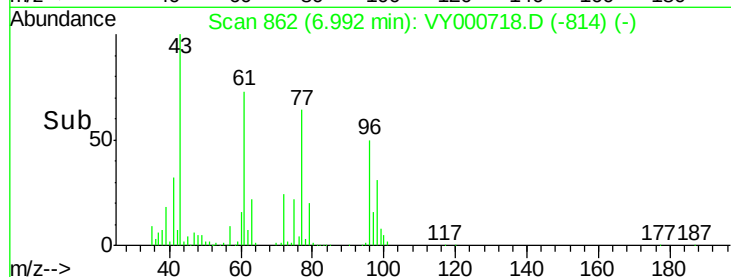
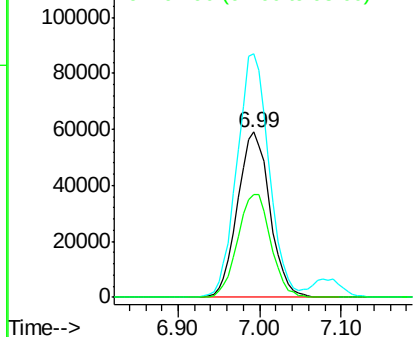
cis-1,2-Dichloroethene
Concen: 55.433 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 162924
Ion Ratio Lower Upper
96 100
61 145.6 0.0 287.0
98 63.4 0.0 129.4



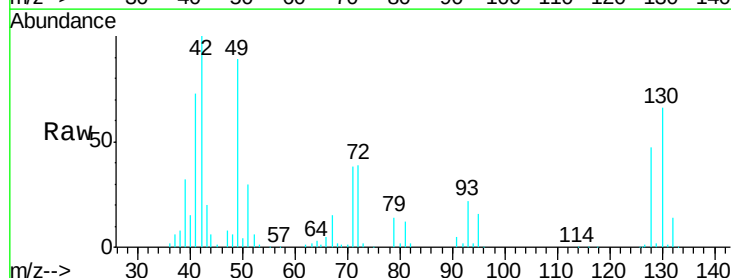
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



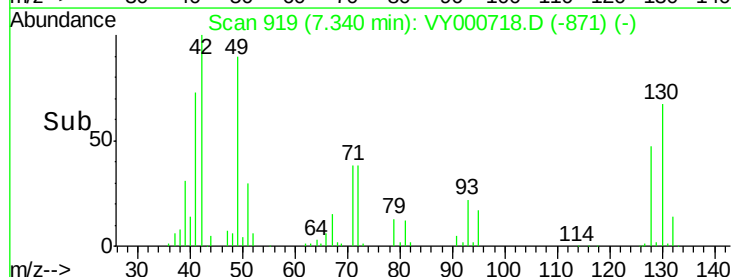
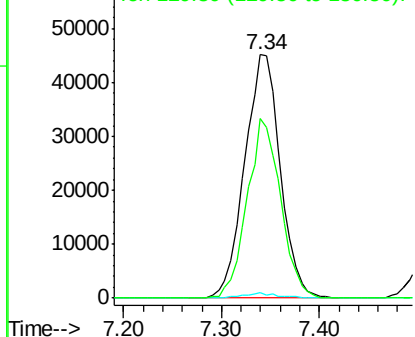
#28

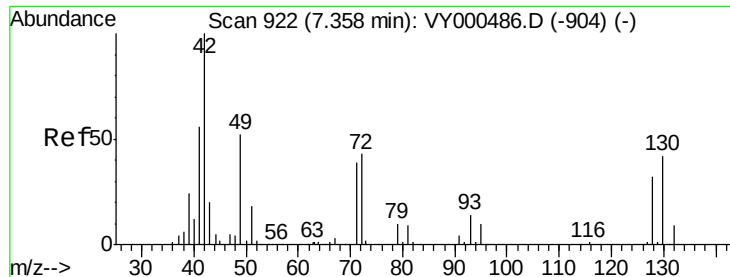
Bromochloromethane
Concen: 54.667 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 49 Resp: 114359
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 69.3 59.4 89.0



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





#29

Tetrahydrofuran

Concen: 278.651 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

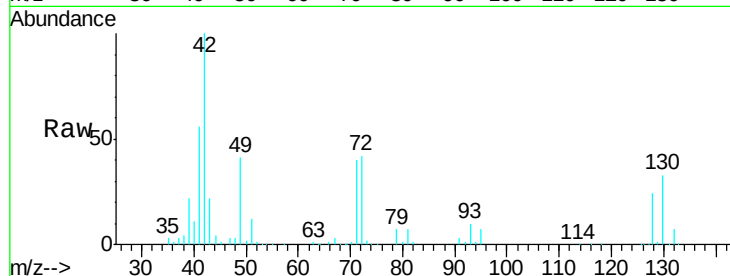
Tgt Ion: 42 Resp: 184695

Ion Ratio Lower Upper

42 100

72 41.5 34.0 51.0

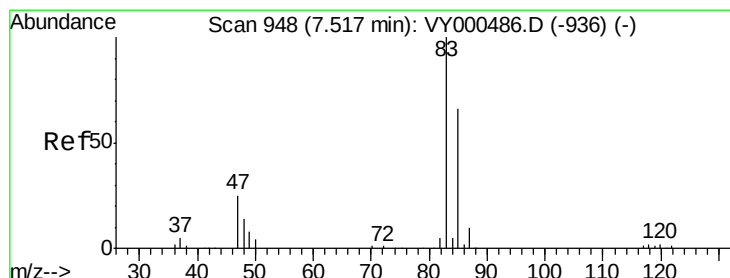
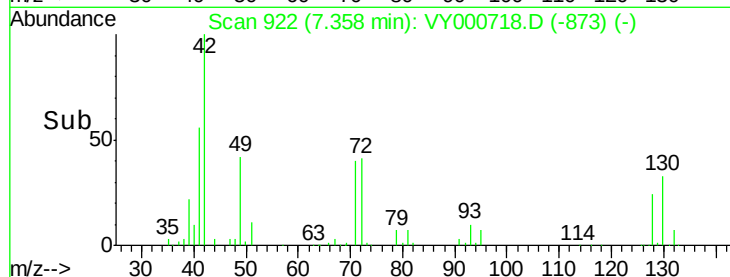
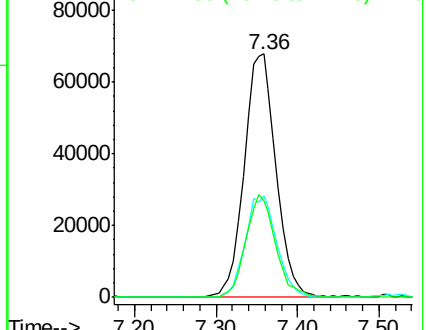
71 39.3 30.8 46.2



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 56.437 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000718.D

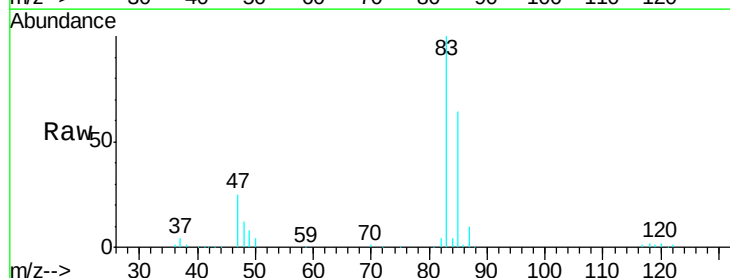
Acq: 18 Nov 2019 11:01

Tgt Ion: 83 Resp: 259901

Ion Ratio Lower Upper

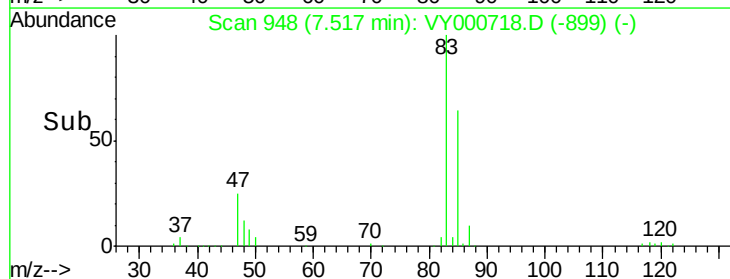
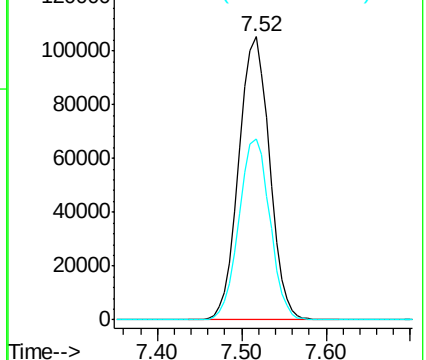
83 100

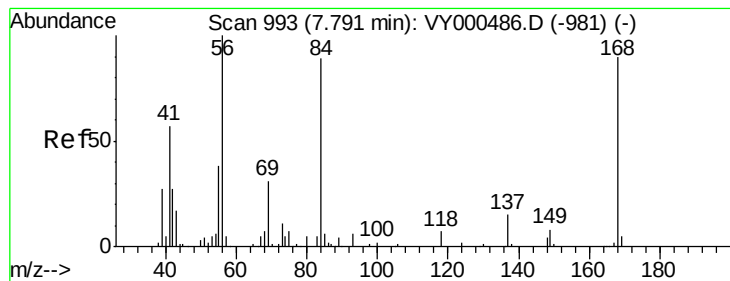
85 63.7 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 52.082 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

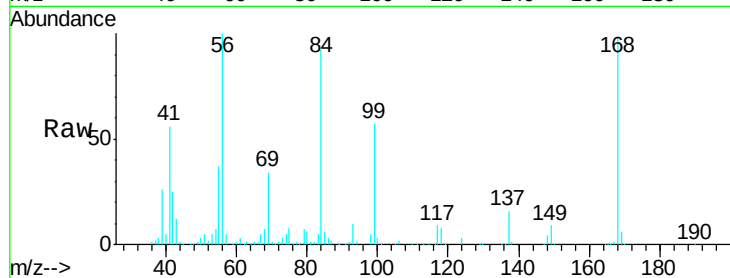
Tgt Ion: 56 Resp: 248327

Ion Ratio Lower Upper

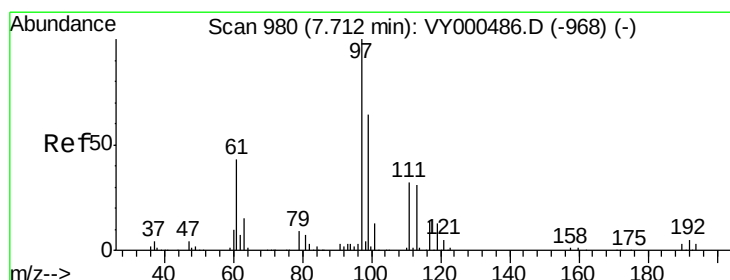
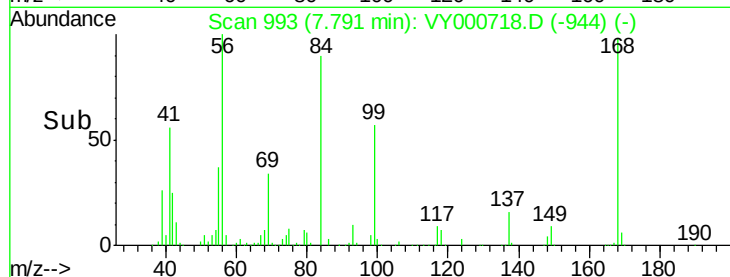
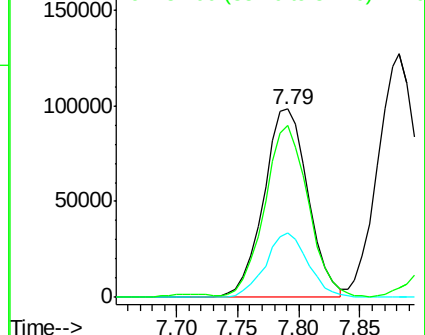
56 100

69 34.3 25.0 37.6

84 89.9 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 54.773 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

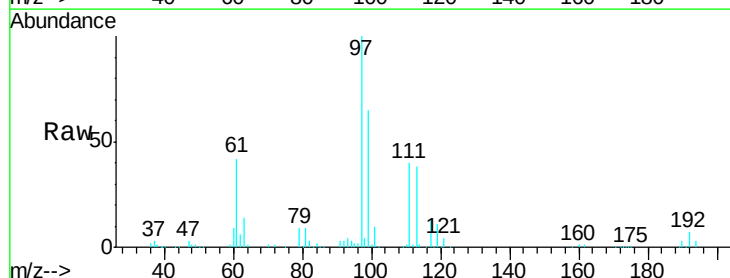
Tgt Ion: 97 Resp: 224798

Ion Ratio Lower Upper

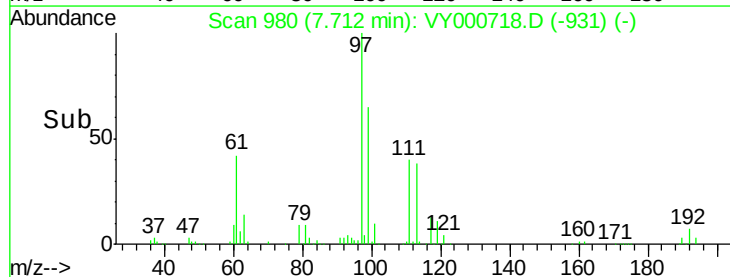
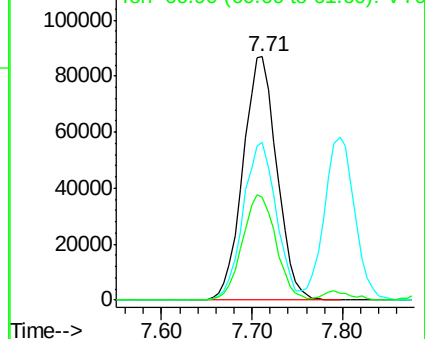
97 100

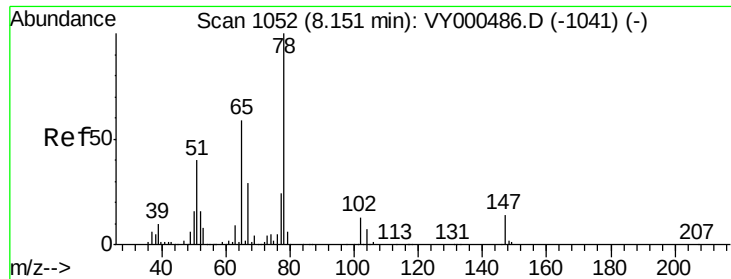
99 63.9 50.9 76.3

61 43.0 34.9 52.3



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

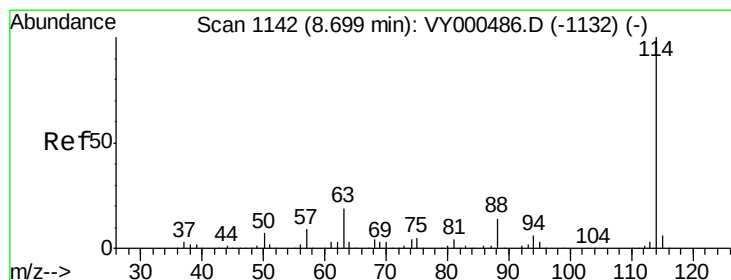
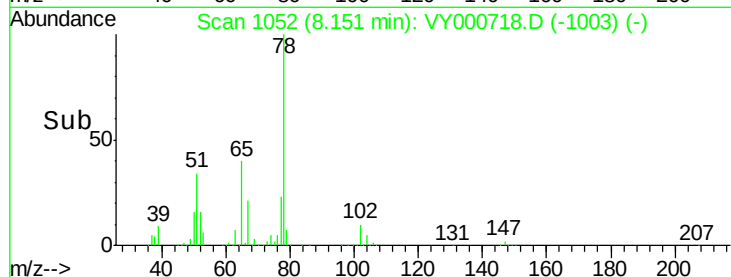
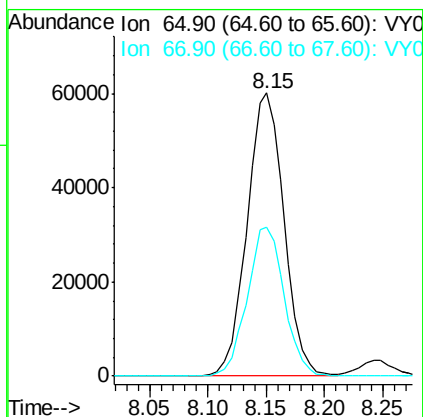
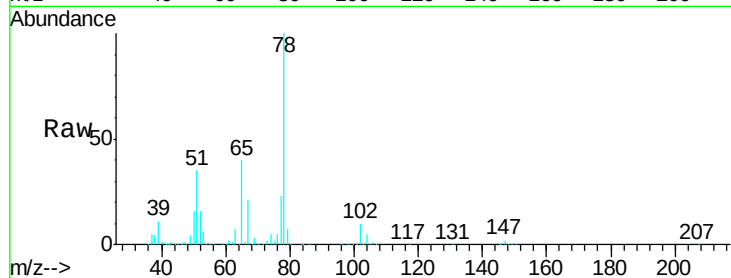




#33
 1,2-Dichloroethane-d4
 Concen: 53.835 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

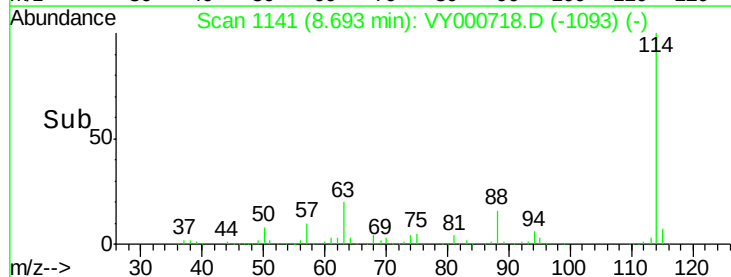
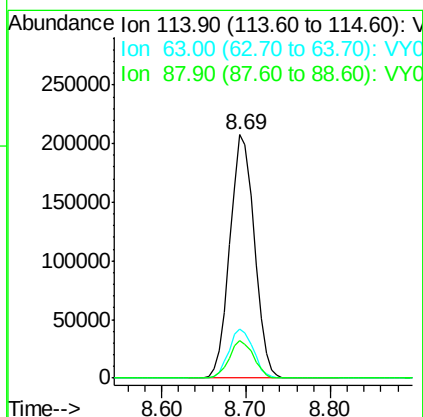
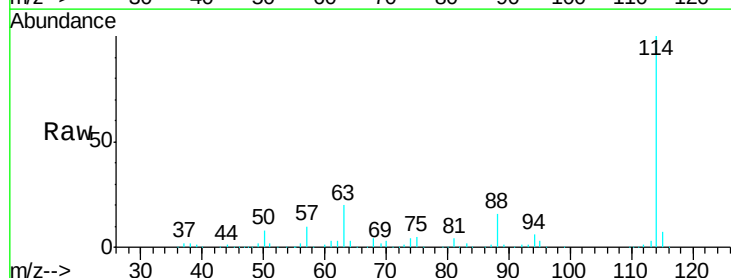
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

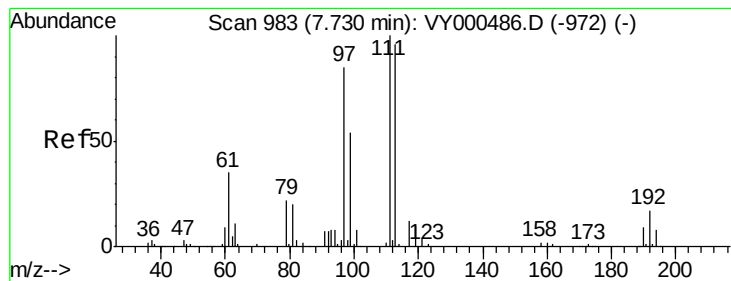
Tgt Ion: 65 Resp: 132605
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 114 Resp: 405447
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.953 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

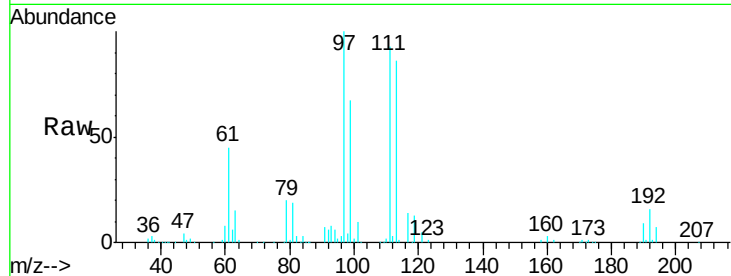
Tgt Ion:113 Resp: 121281

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

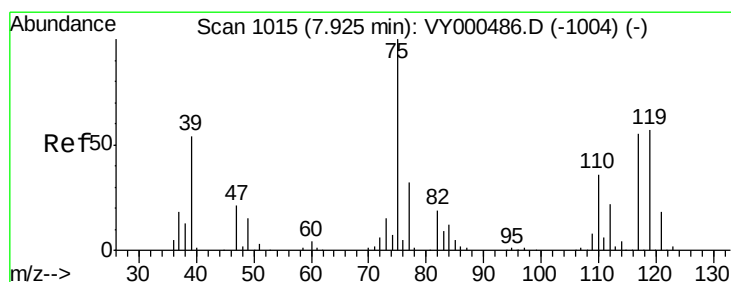
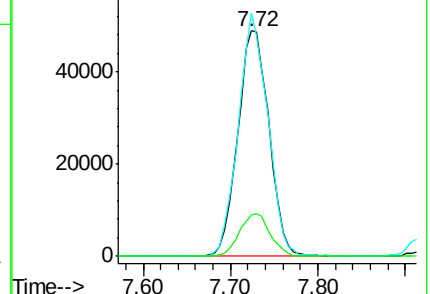
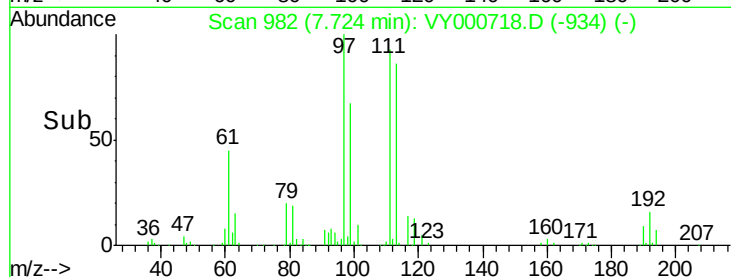
192 18.4 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.209 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

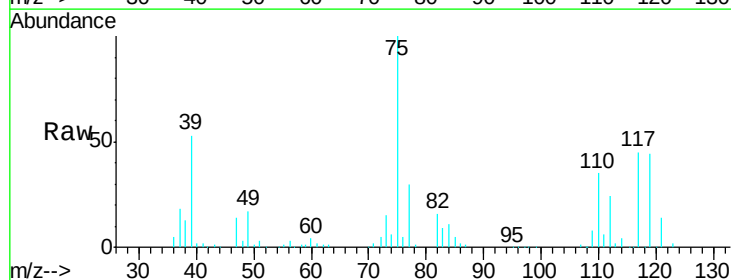
Tgt Ion: 75 Resp: 207776

Ion Ratio Lower Upper

75 100

110 34.1 18.1 54.1

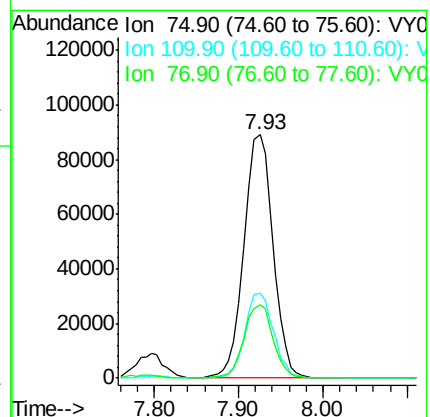
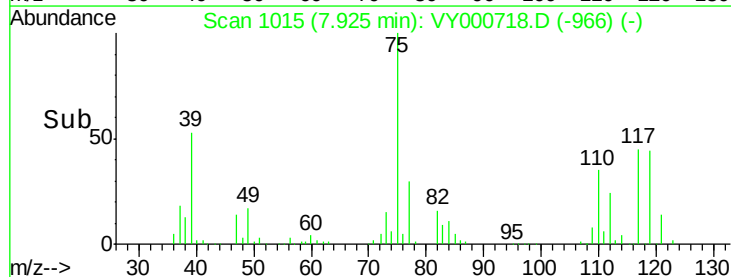
77 30.1 25.0 37.6

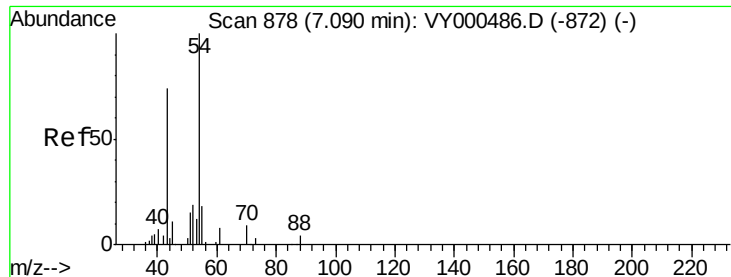


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

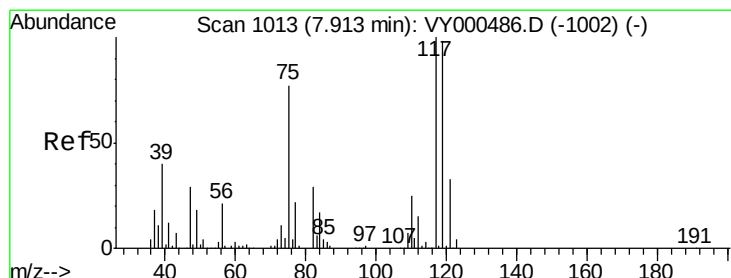
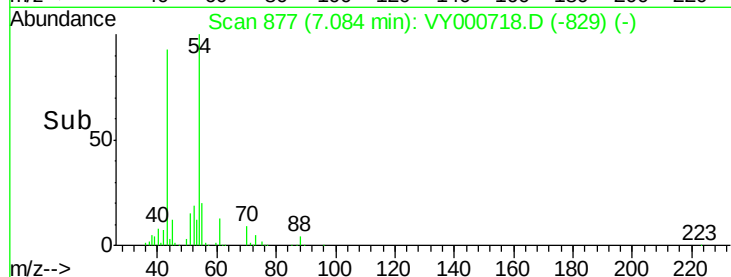
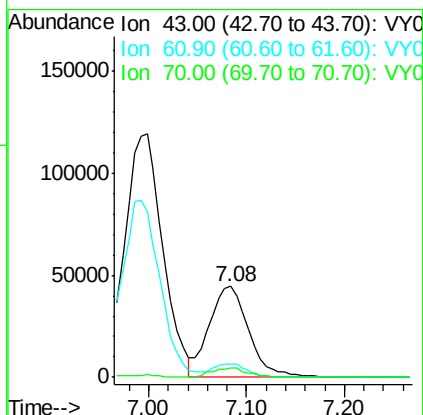
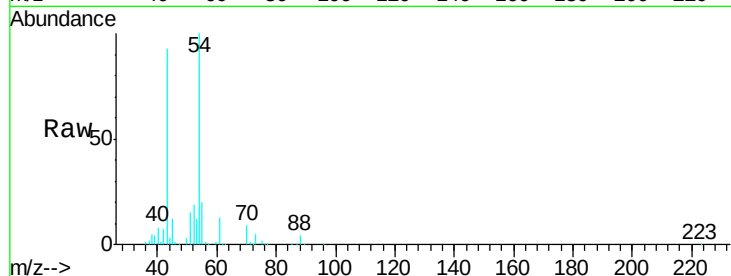




#37
Ethyl Acetate
Concen: 54.732 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

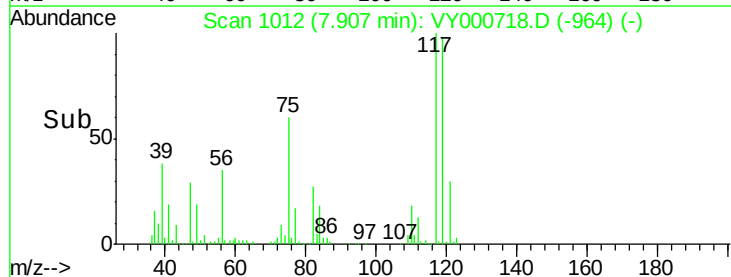
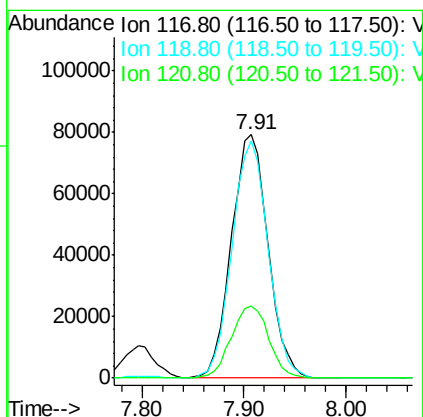
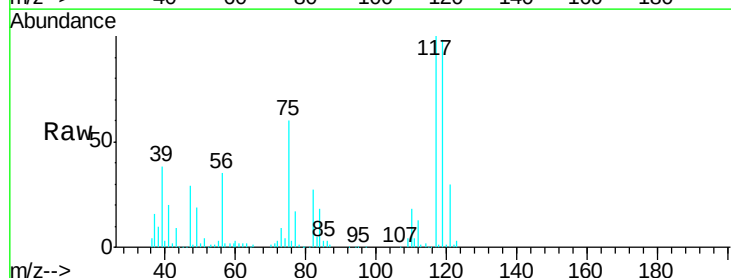
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

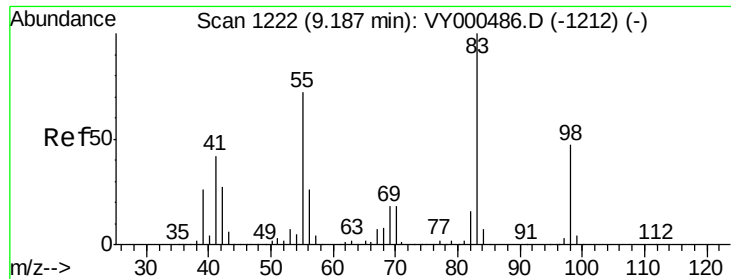
Tgt Ion: 43 Resp: 124548
Ion Ratio Lower Upper
43 100
61 12.4 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.479 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 117 Resp: 197235
Ion Ratio Lower Upper
117 100
119 97.5 78.0 117.0
121 29.8 26.6 40.0

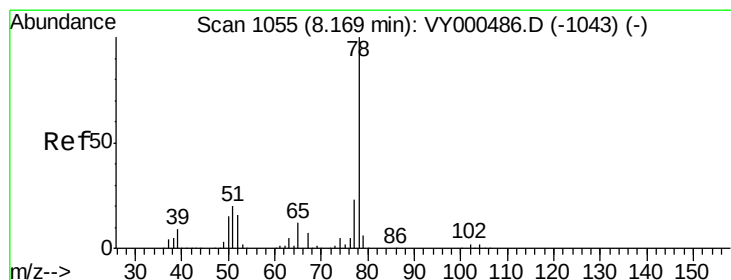
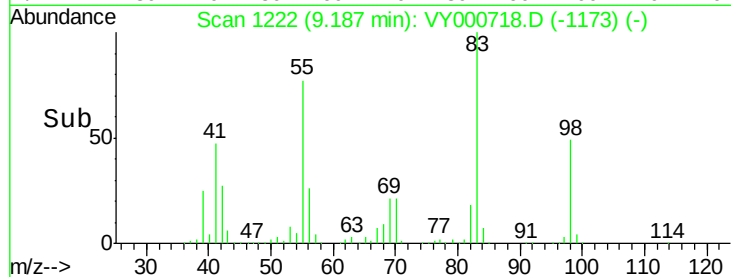
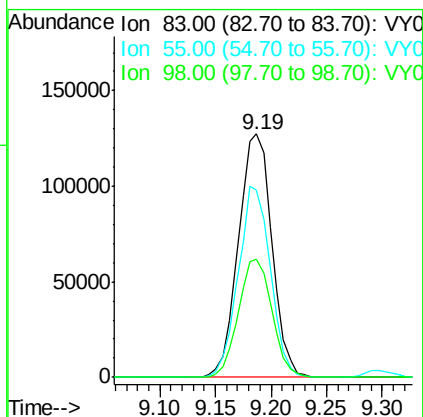
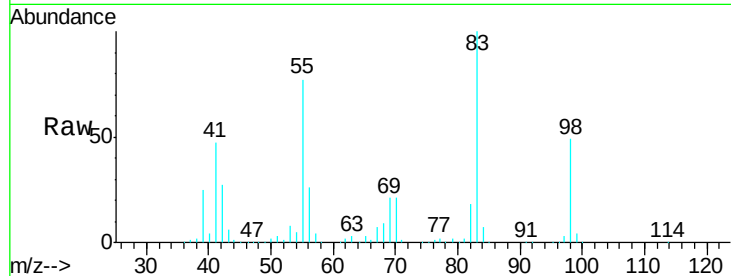




#39
Methylcyclohexane
Concen: 53.687 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

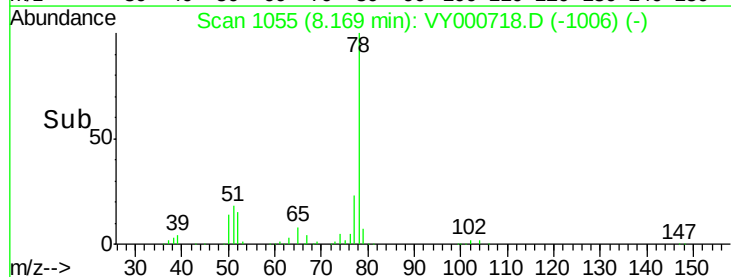
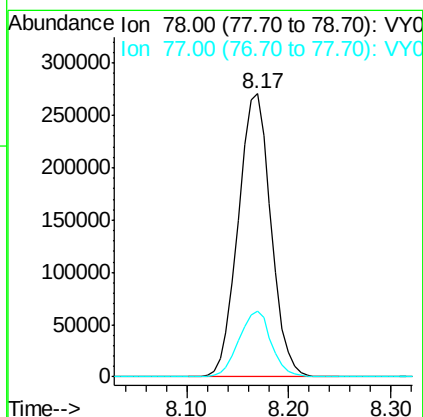
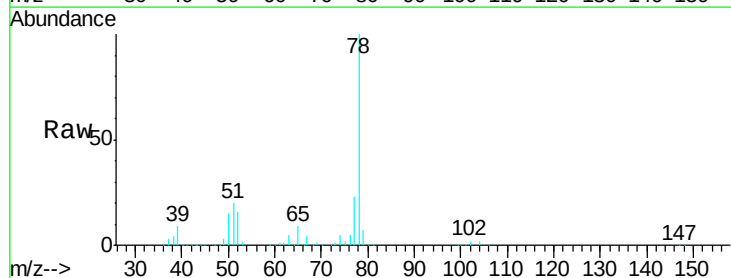
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

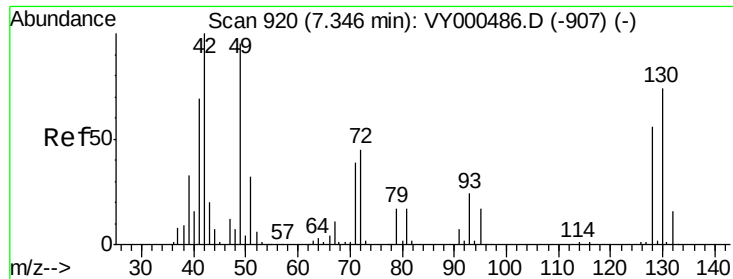
Tgt Ion: 83 Resp: 265849
Ion Ratio Lower Upper
83 100
55 77.0 57.5 86.3
98 48.6 38.0 57.0



#40
Benzene
Concen: 53.623 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 78 Resp: 602568
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

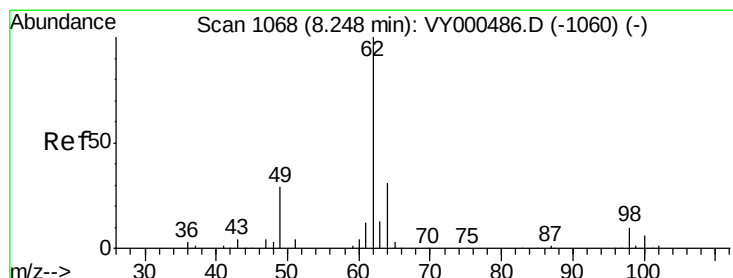
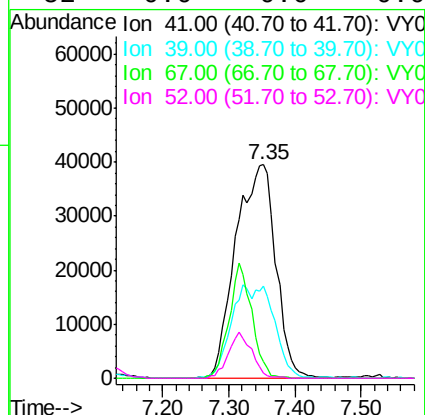
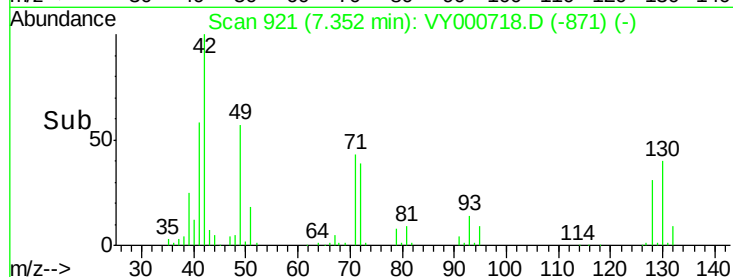
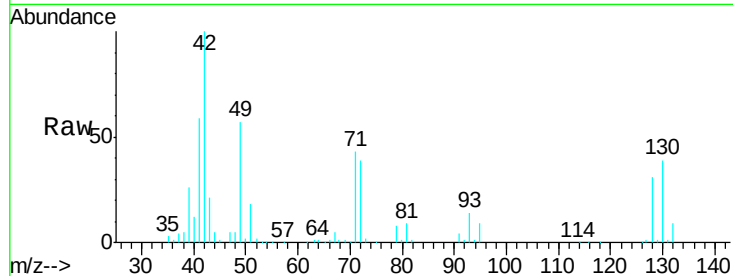




#41
Methacrylonitrile
Concen: 130.962 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

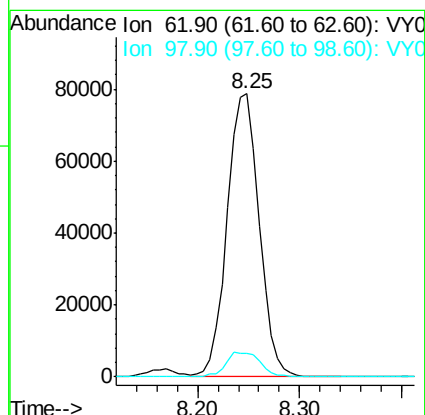
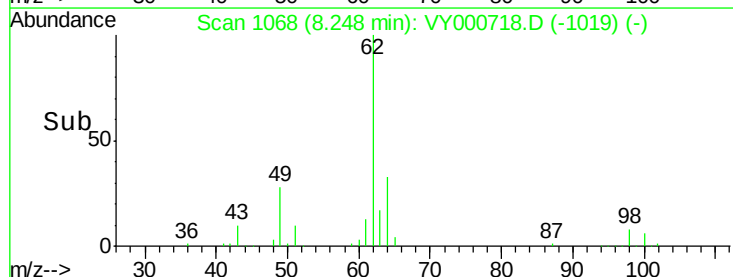
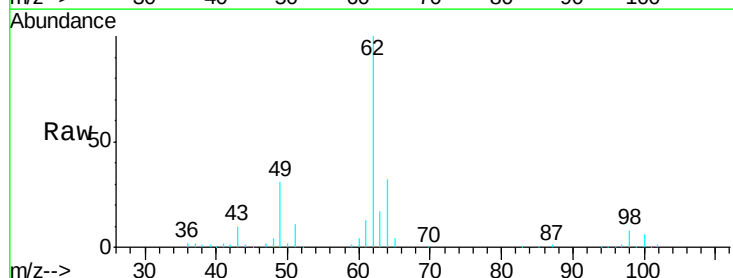
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

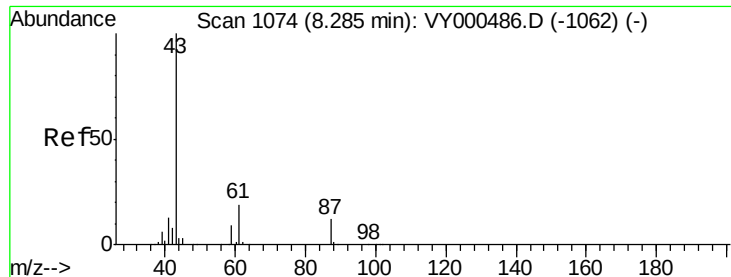
Tgt Ion: 41 Resp: 166253
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.712 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 62 Resp: 171187
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 53.950 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

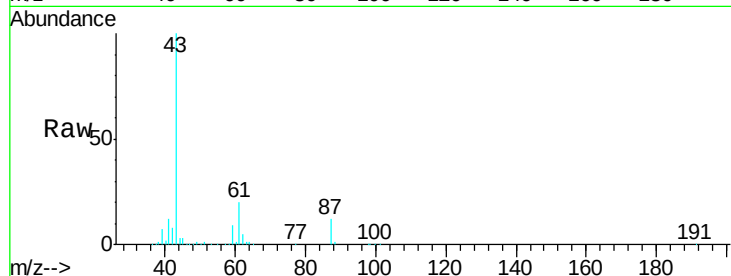
Tgt Ion: 43 Resp: 230623

Ion Ratio Lower Upper

43 100

61 28.6 23.0 34.4

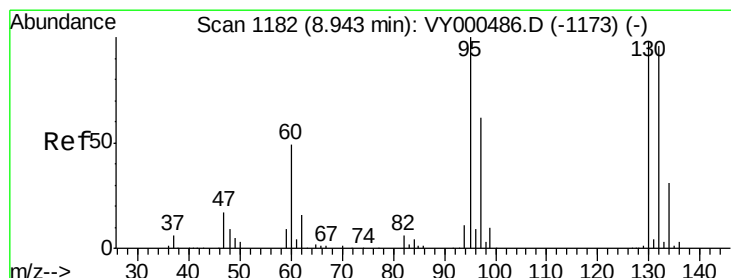
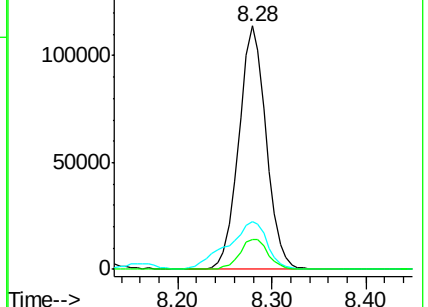
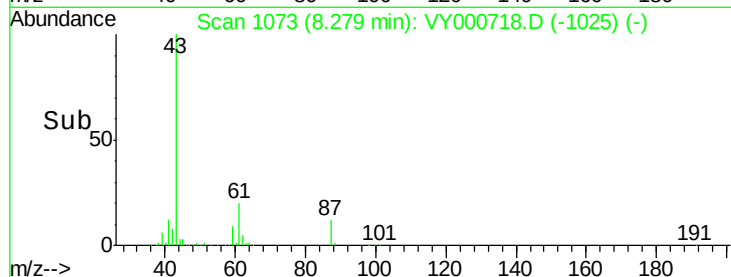
87 12.8 10.5 15.7



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

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

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



#44

Trichloroethene

Concen: 52.682 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000718.D

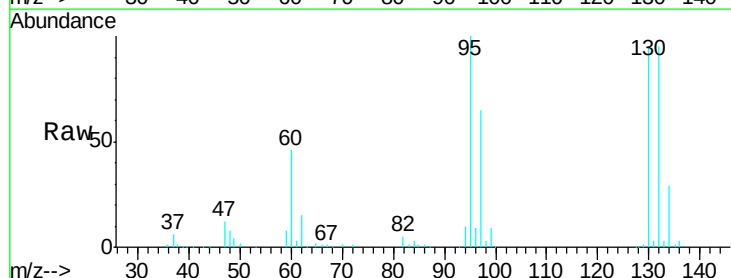
Acq: 18 Nov 2019 11:01

Tgt Ion: 130 Resp: 156088

Ion Ratio Lower Upper

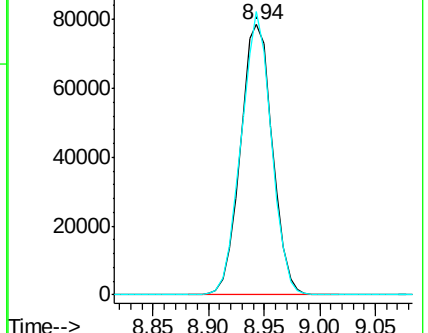
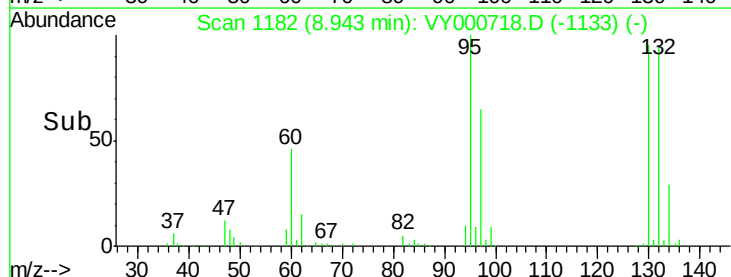
130 100

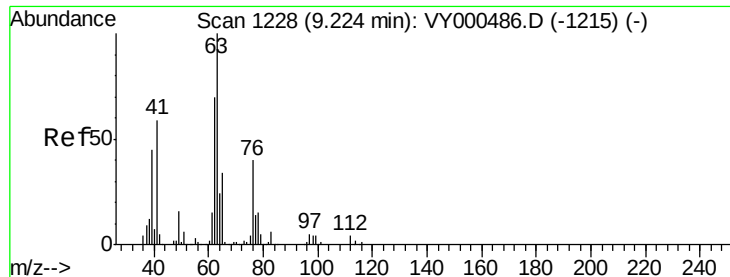
95 104.8 0.0 203.2



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

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

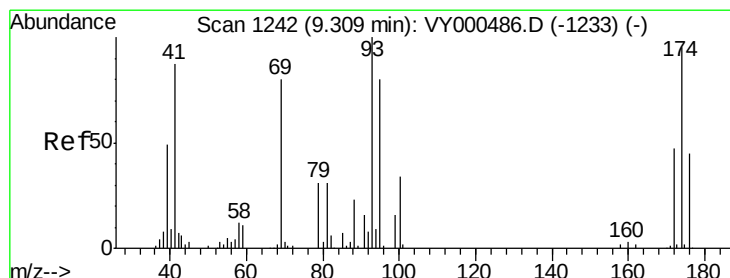
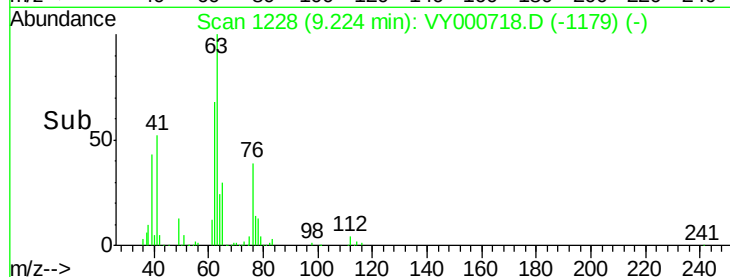
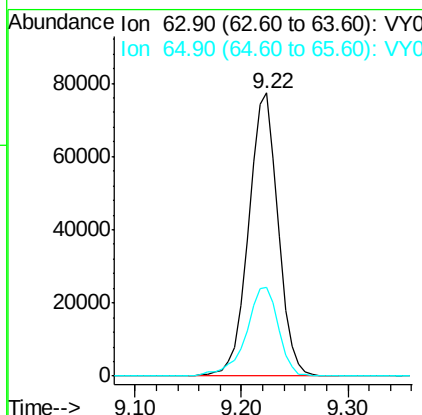
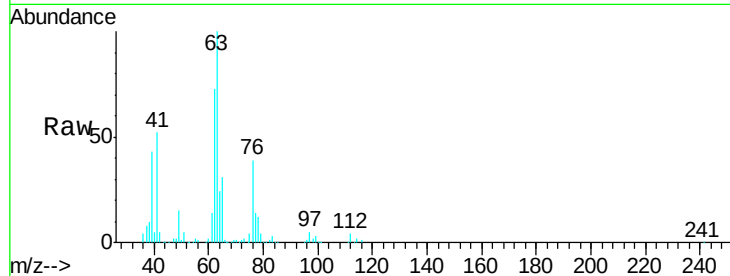




#45
 1,2-Dichloropropane
 Concen: 54.318 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

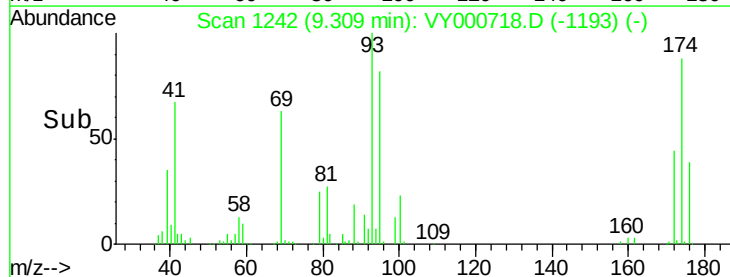
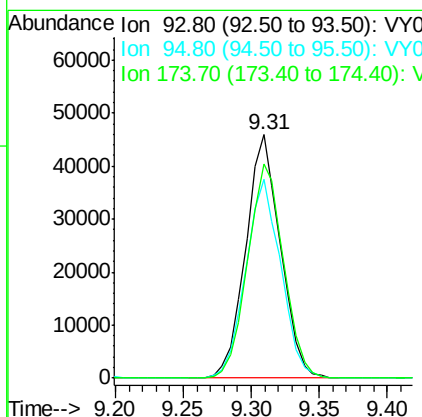
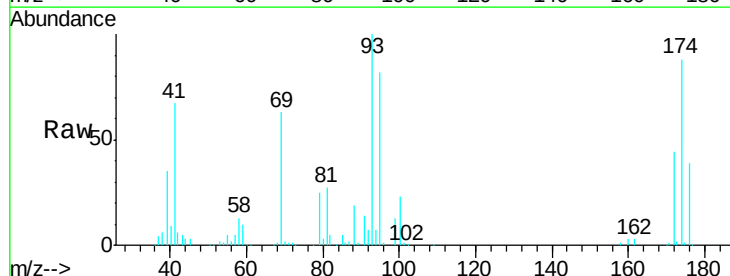
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

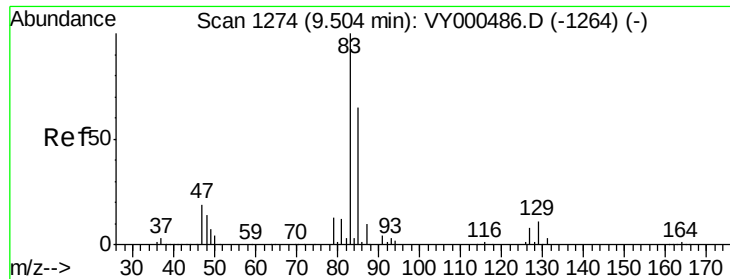
Tgt Ion: 63 Resp: 150227
 Ion Ratio Lower Upper
 63 100
 65 31.3 27.0 40.4



#46
 Dibromomethane
 Concen: 54.032 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 93 Resp: 82184
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 90.9 77.1 115.7





#47

Bromodichloromethane

Concen: 55.084 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

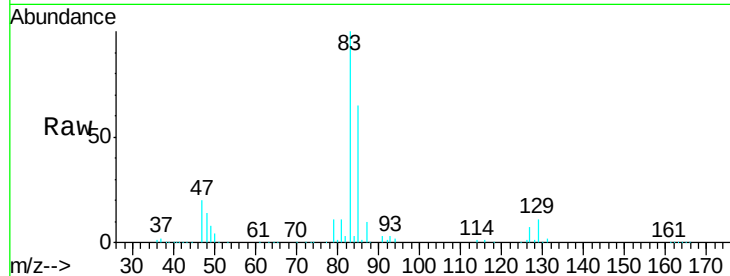
Tgt Ion: 83 Resp: 198803

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

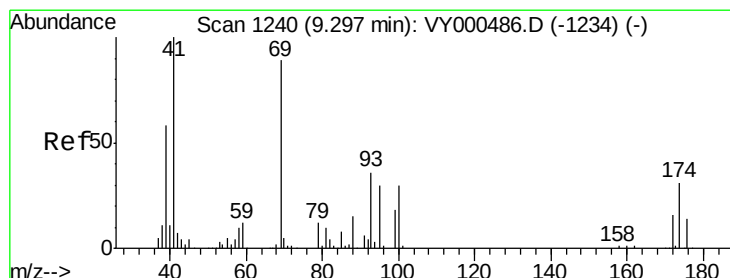
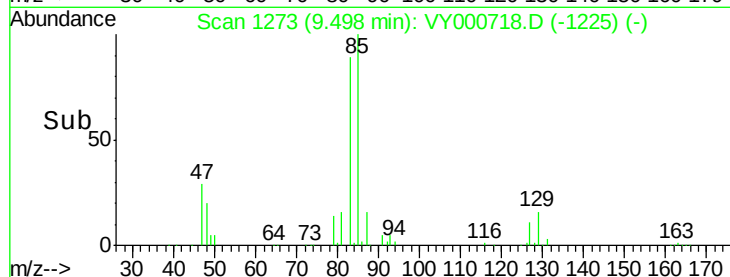
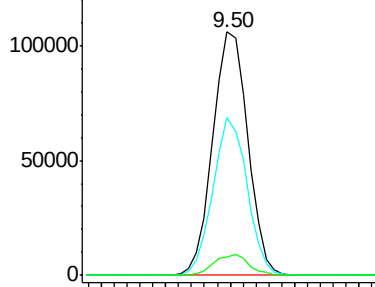
127 7.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 55.608 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

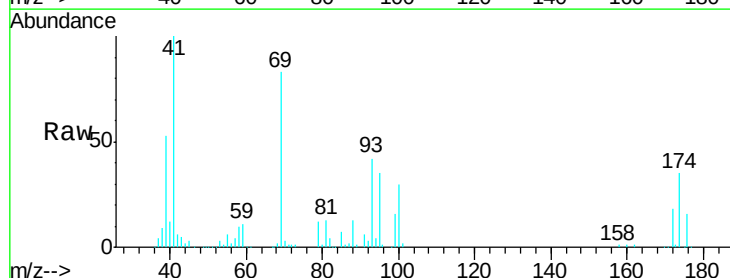
Tgt Ion: 41 Resp: 103862

Ion Ratio Lower Upper

41 100

69 87.6 72.5 108.7

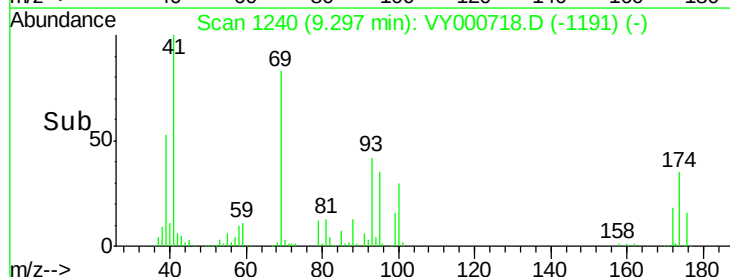
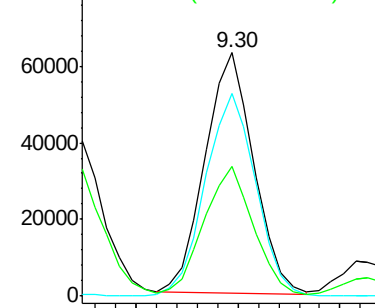
39 55.6 47.8 71.8

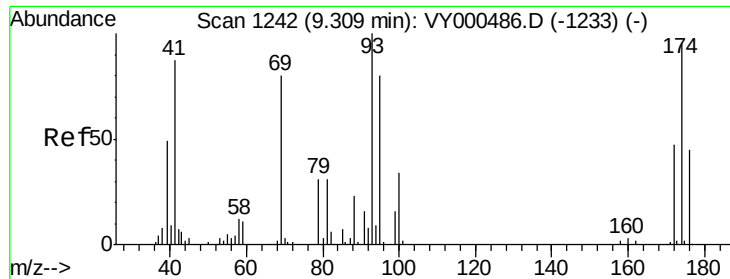


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

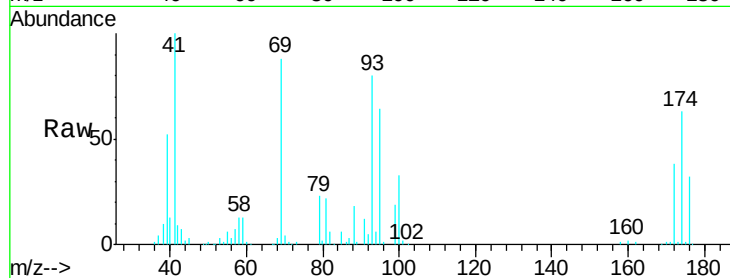




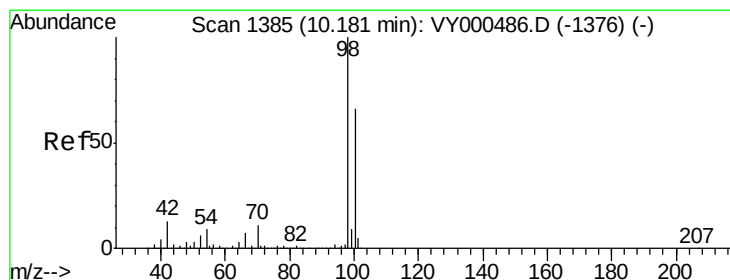
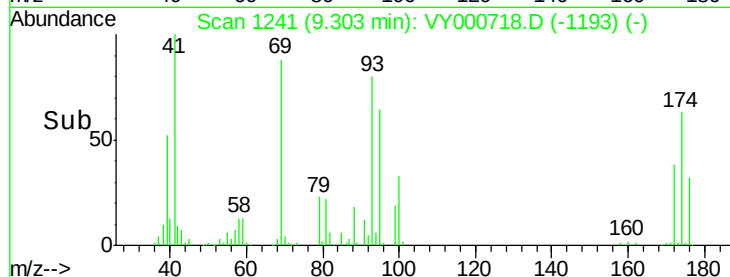
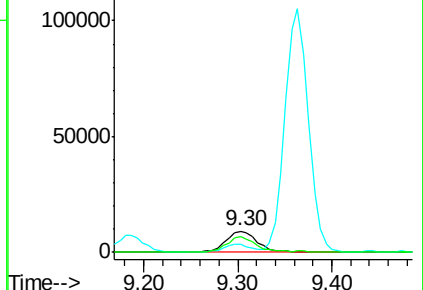
#49
1,4-Dioxane
Concen: 1039.441 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 21278
Ion Ratio Lower Upper
88 100
43 34.5 25.1 37.7
58 73.5 50.6 75.8

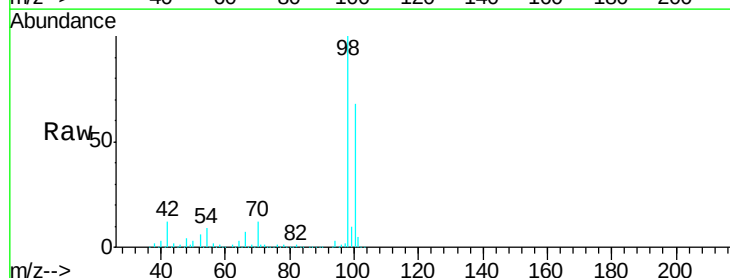


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

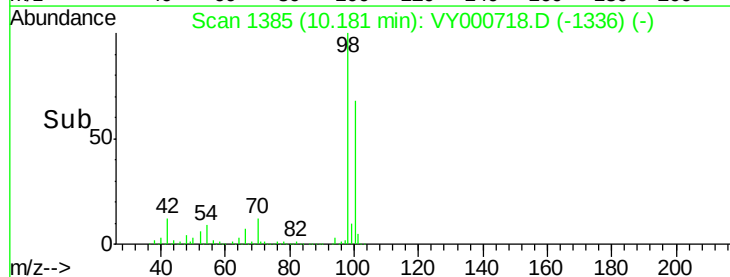
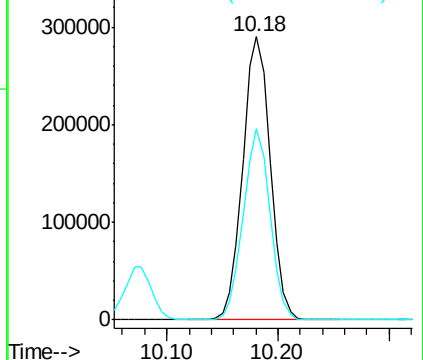


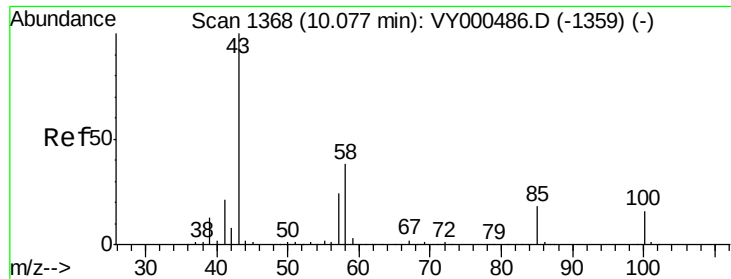
#50
Toluene-d8
Concen: 55.126 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 98 Resp: 497881
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



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

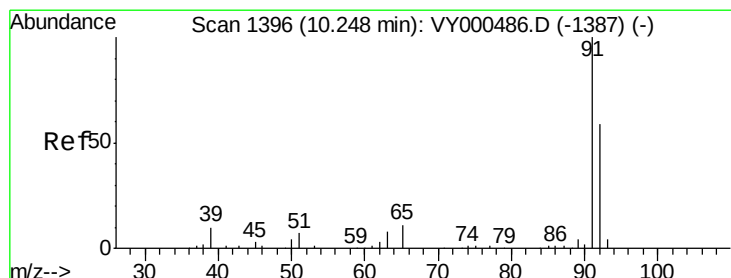
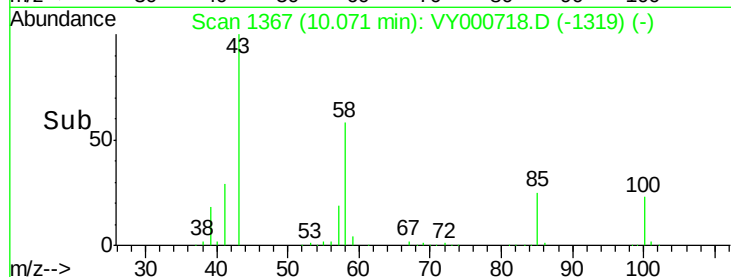
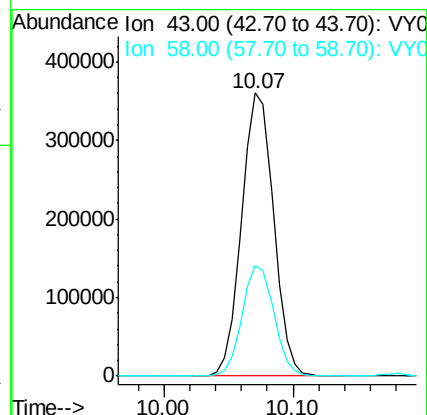
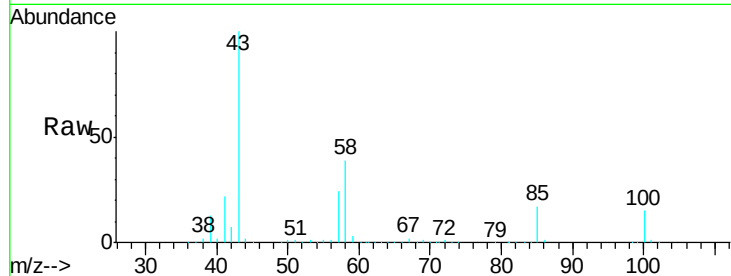




#51
 4-Methyl-2-Pentanone
 Concen: 273.227 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

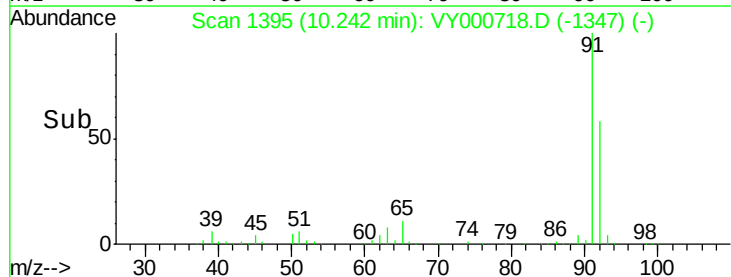
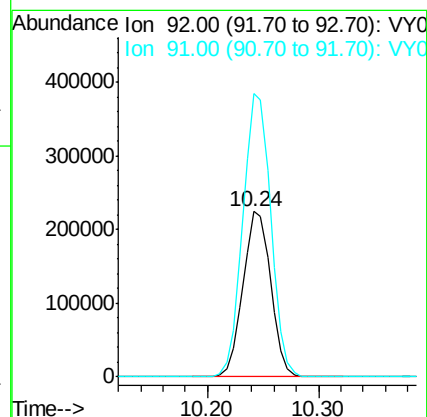
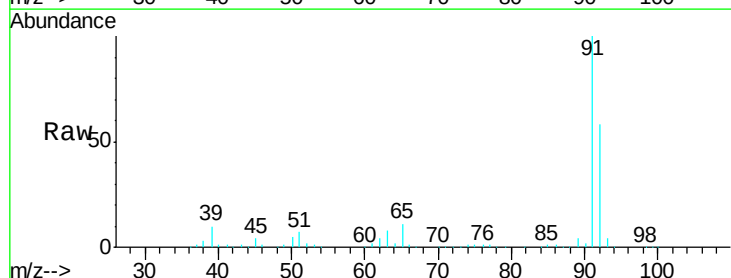
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

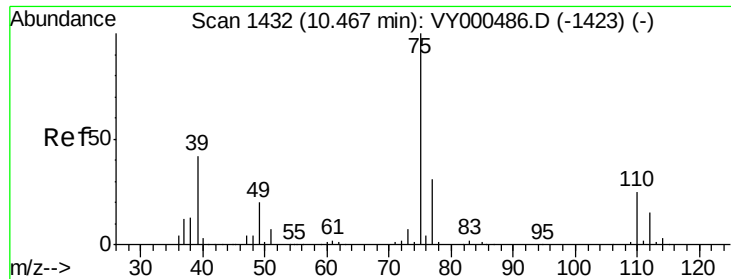
Tgt Ion: 43 Resp: 620983
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.2 45.4



#52
 Toluene
 Concen: 54.553 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 92 Resp: 387569
 Ion Ratio Lower Upper
 92 100
 91 172.4 136.3 204.5

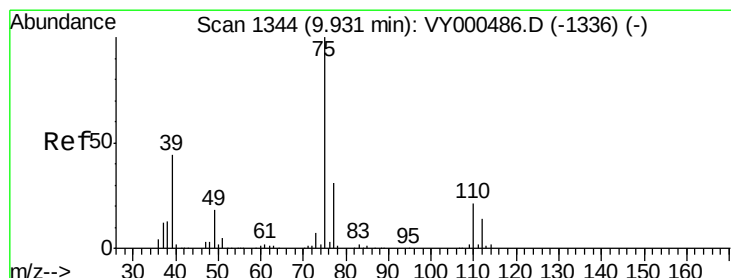
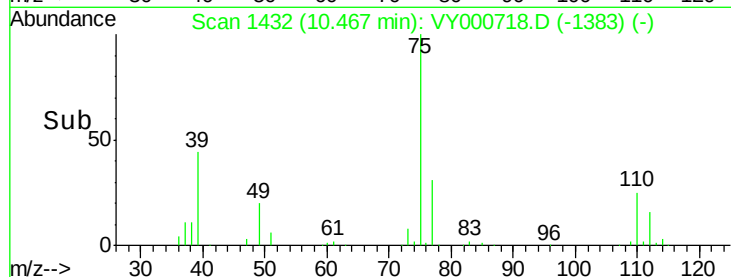
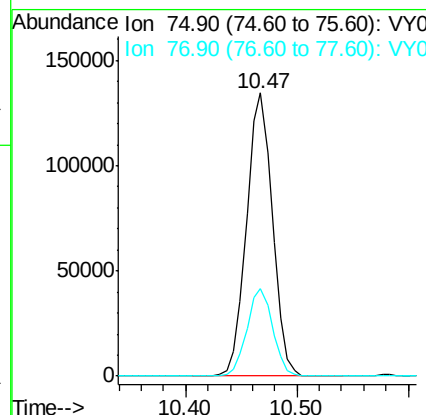
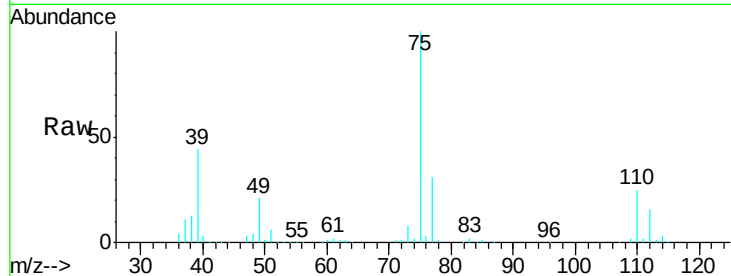




#53
 t-1,3-Dichloropropene
 Concen: 56.281 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

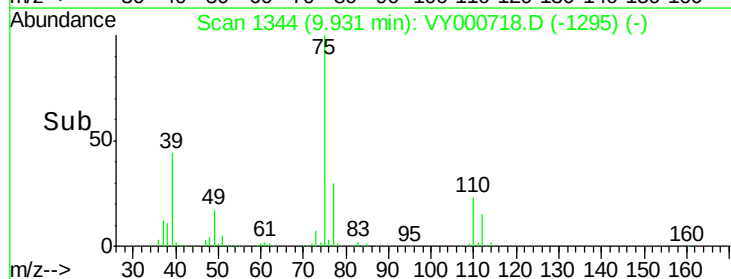
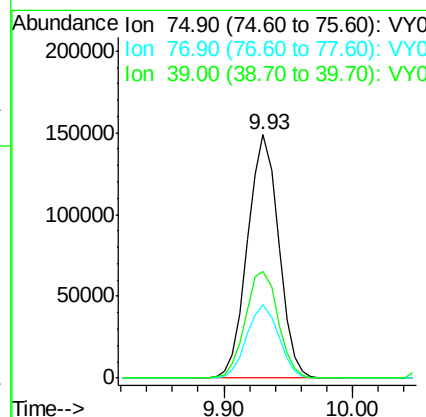
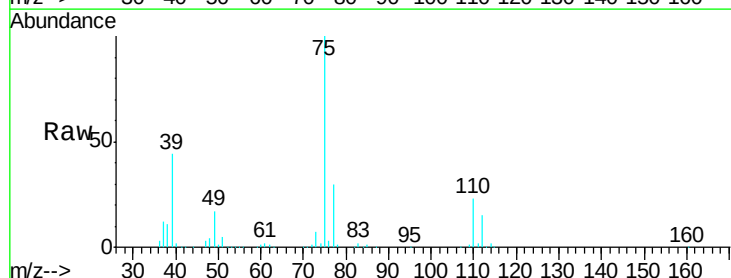
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

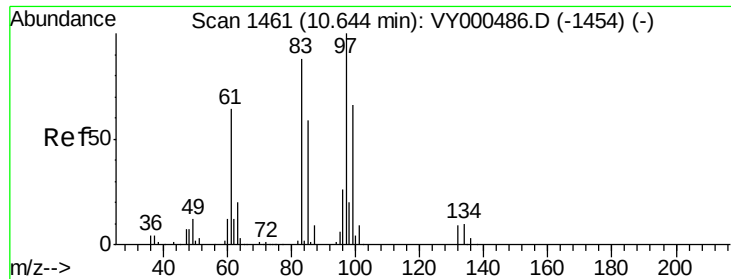
Tgt Ion: 75 Resp: 217037
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.130 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 75 Resp: 247968
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.5 36.7
 39 43.9 35.4 53.2

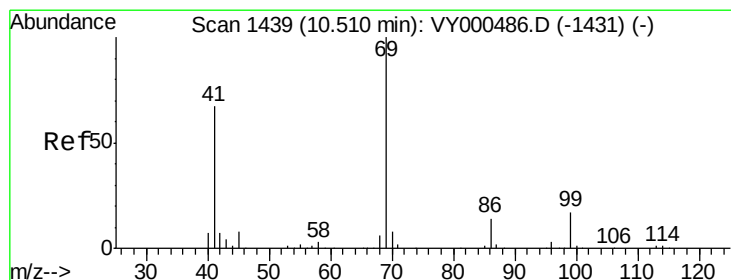
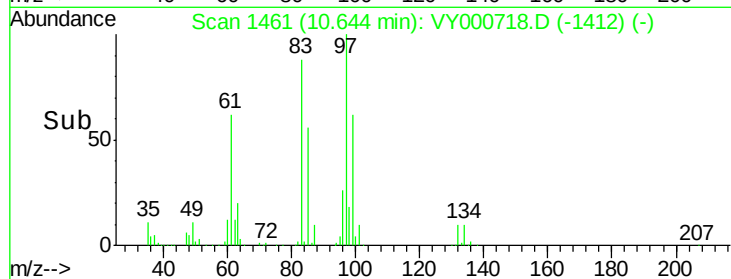
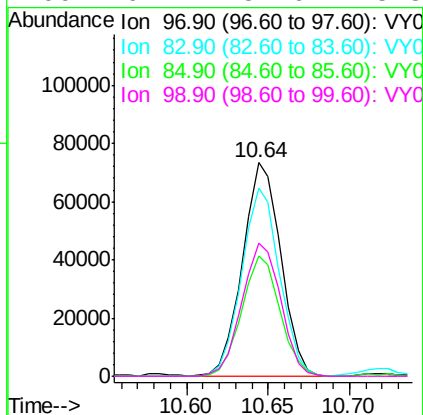
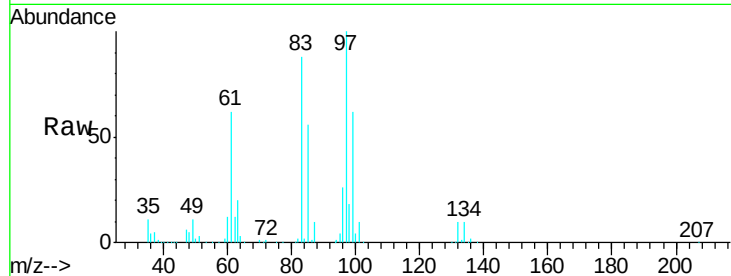




#55
 1,1,2-Trichloroethane
 Concen: 54.601 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

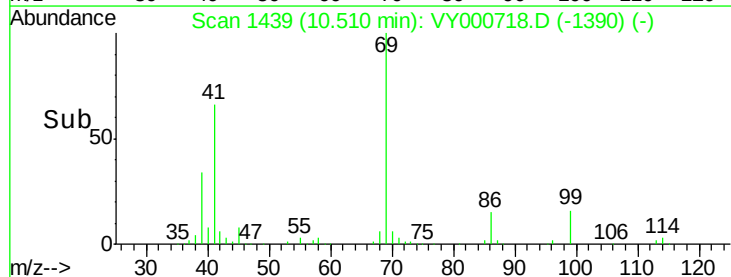
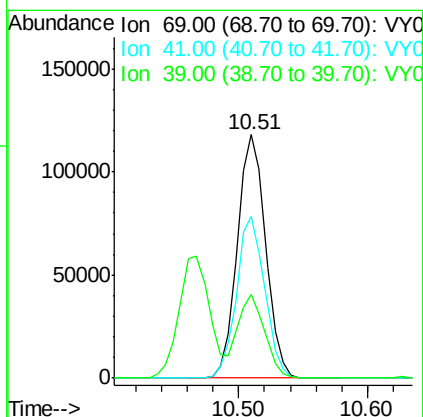
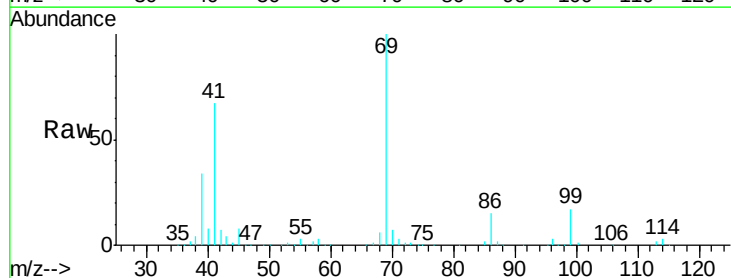
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

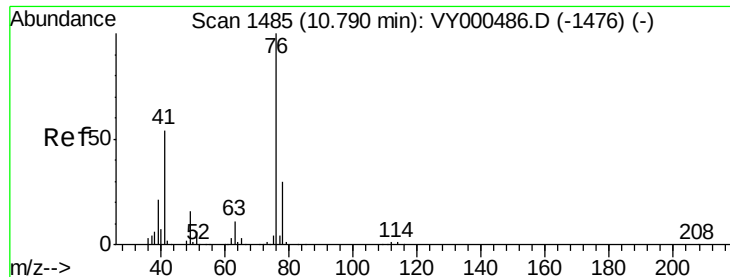
Tgt Ion:	97	Resp:	120120
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.2	105.4
85	56.3	46.9	70.3
99	62.4	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 57.890 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion:	69	Resp:	180507
Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.3	79.9
39	31.7	28.0	42.0





#57

1,3-Dichloropropane

Concen: 54.738 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

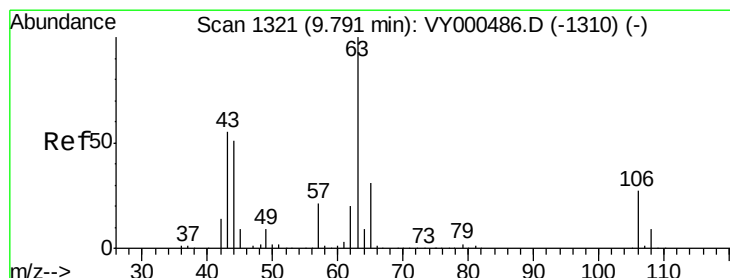
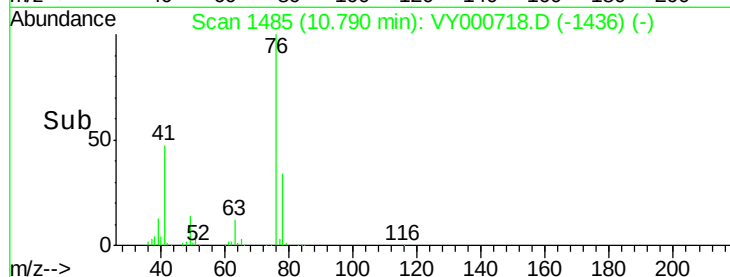
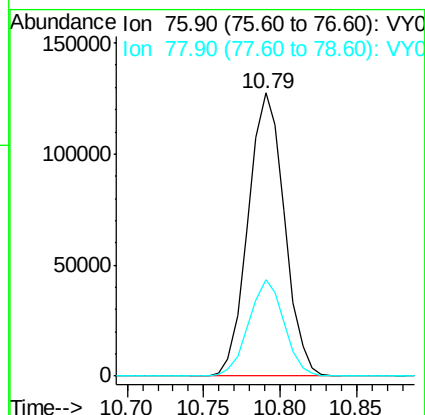
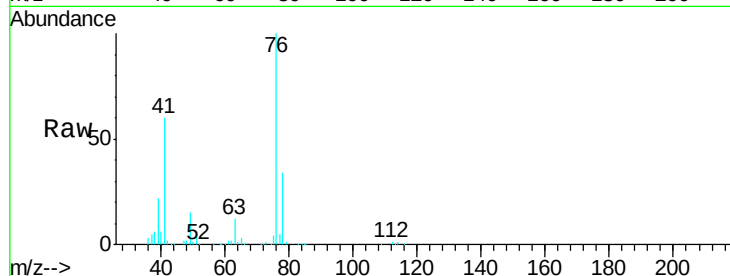
VSTDCCC050

Tgt Ion: 76 Resp: 210765

Ion Ratio Lower Upper

76 100

78 33.1 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 273.176 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000718.D

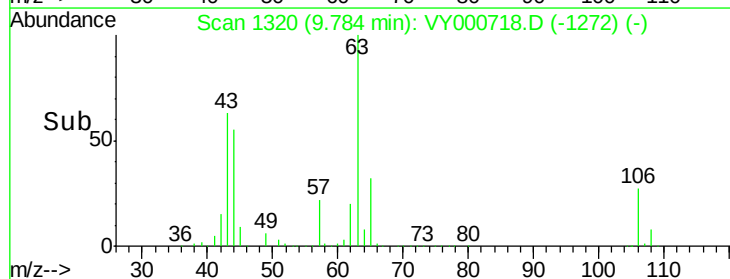
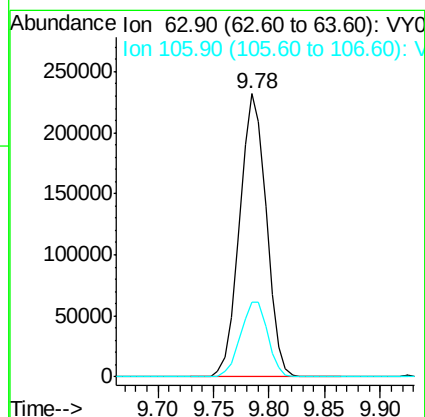
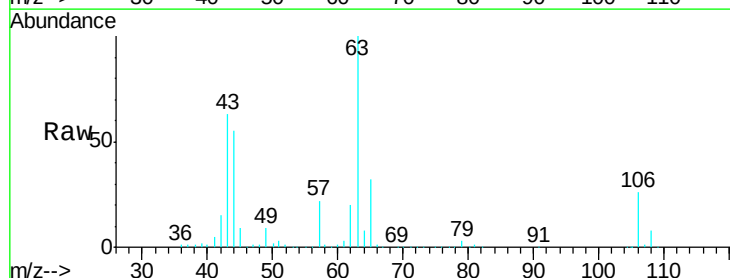
Acq: 18 Nov 2019 11:01

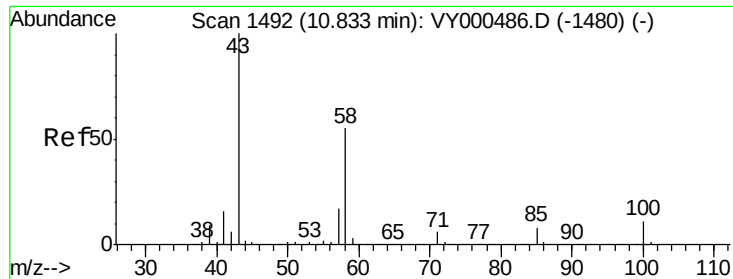
Tgt Ion: 63 Resp: 385084

Ion Ratio Lower Upper

63 100

106 27.1 22.6 33.8

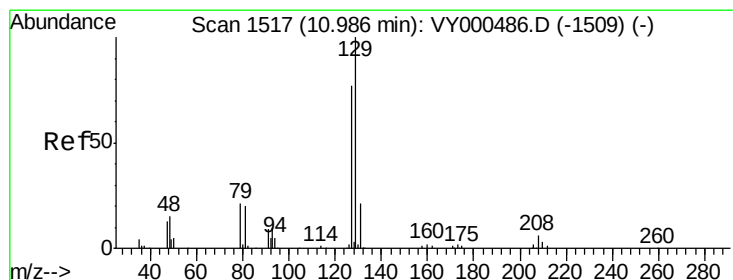
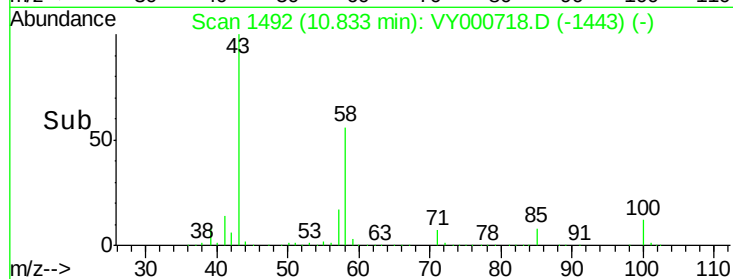
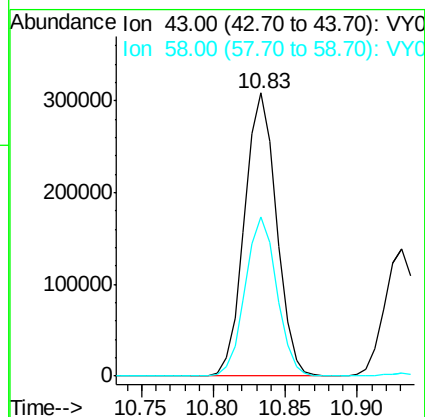
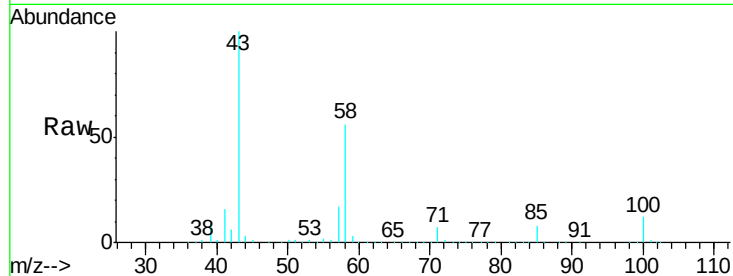




#59
2-Hexanone
Concen: 287.188 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

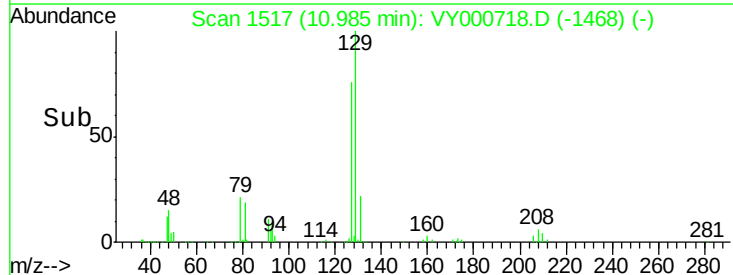
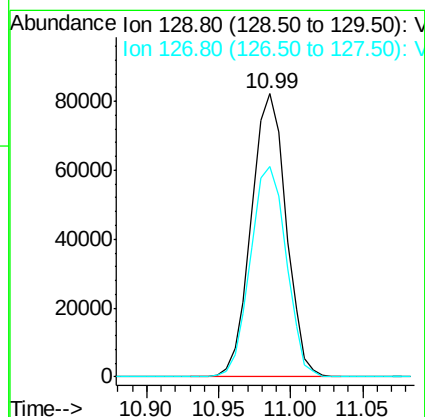
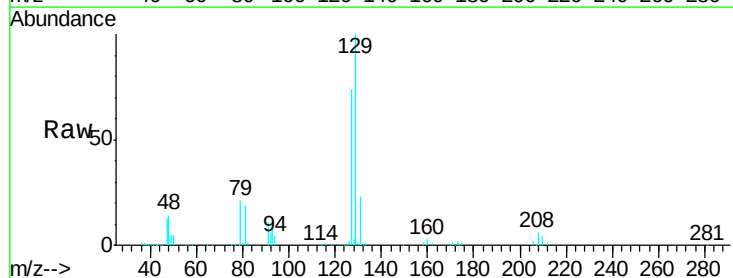
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

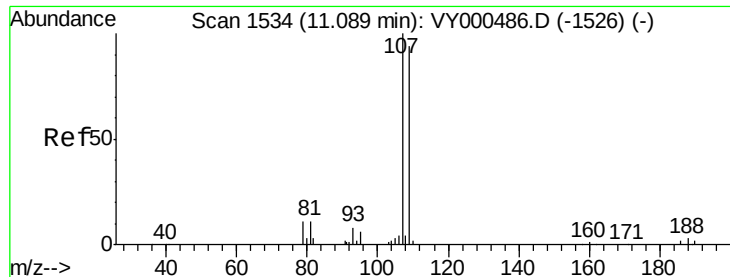
Tgt Ion: 43 Resp: 475563
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3



#60
Dibromochloromethane
Concen: 54.459 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 129 Resp: 137232
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2

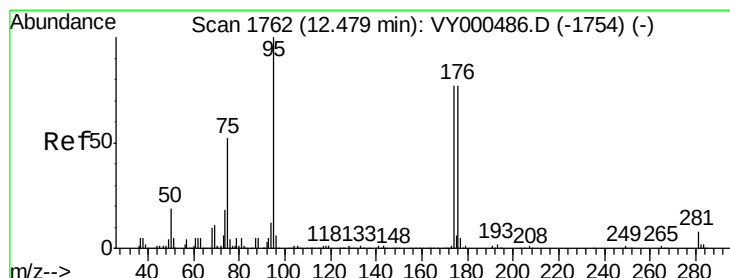
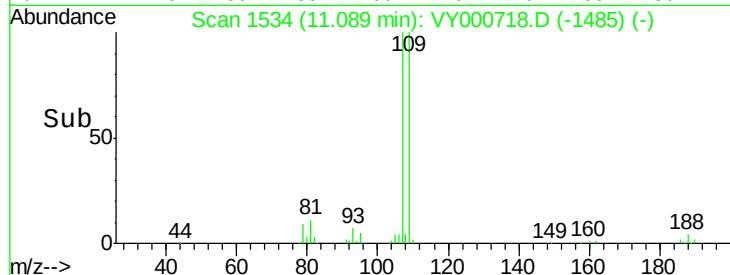
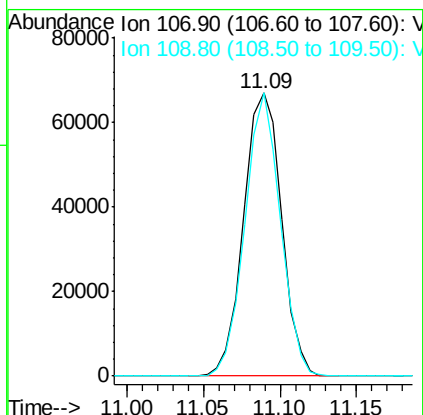
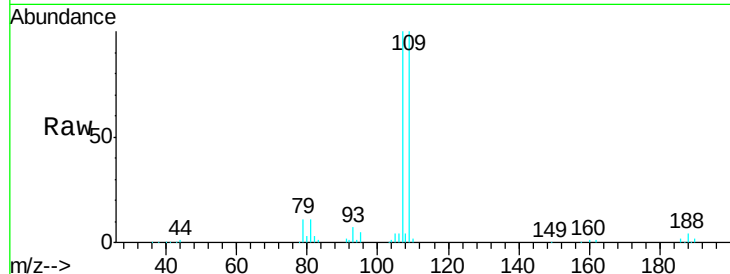




#61
 1,2-Dibromoethane
 Concen: 54.670 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

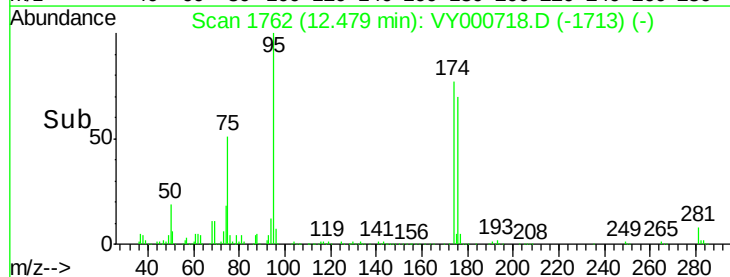
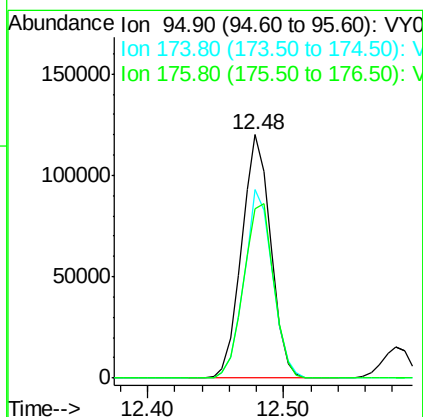
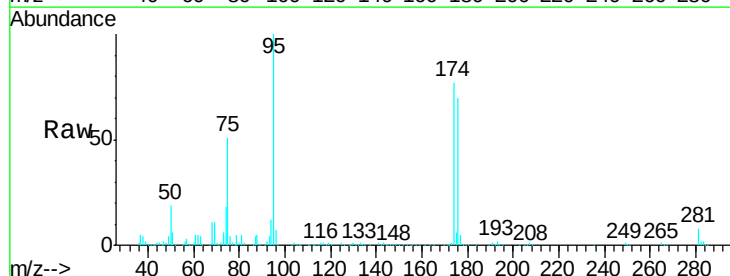
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

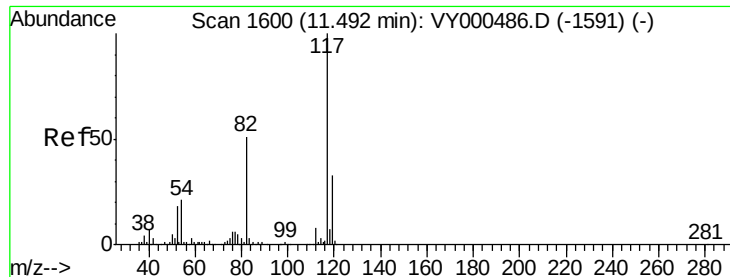
Tgt Ion: 107 Resp: 115641
 Ion Ratio Lower Upper
 107 100
 109 93.3 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 52.086 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion: 95 Resp: 179090
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 161.6
 176 74.8 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

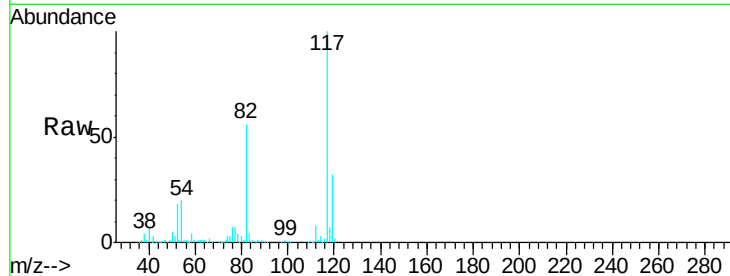
Tgt Ion:117 Resp: 373752

Ion Ratio Lower Upper

117 100

82 56.3 40.8 61.2

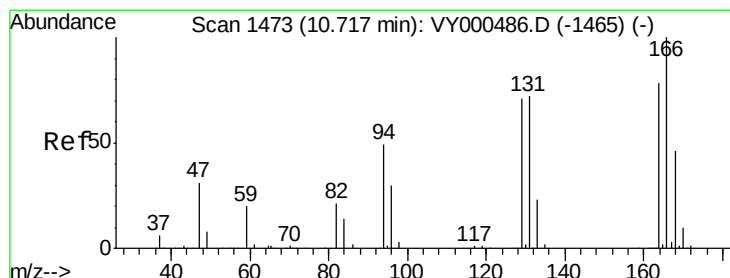
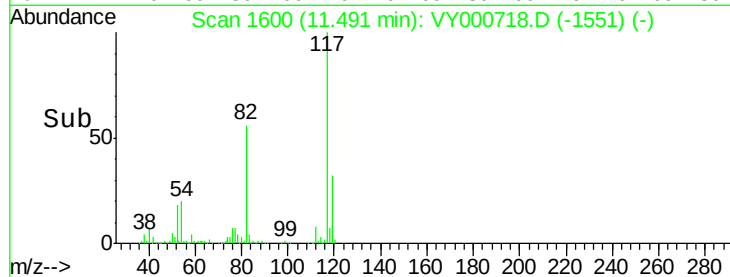
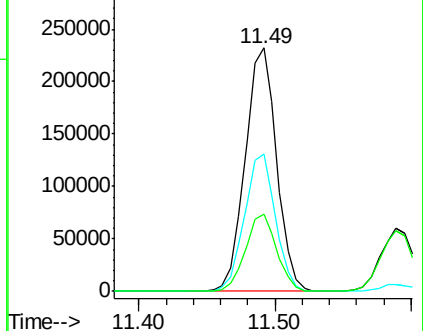
119 32.0 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.009 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Tgt Ion:164 Resp: 154551

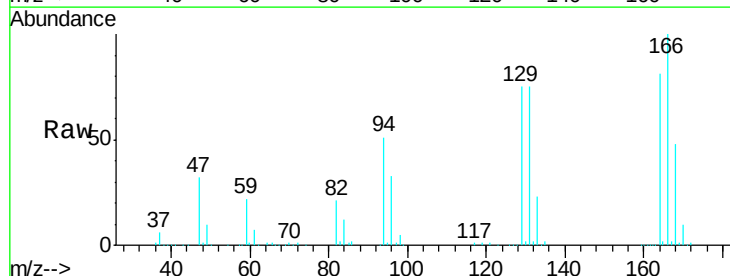
Ion Ratio Lower Upper

164 100

166 123.1 102.7 154.1

129 92.3 73.2 109.8

131 91.9 74.2 111.2

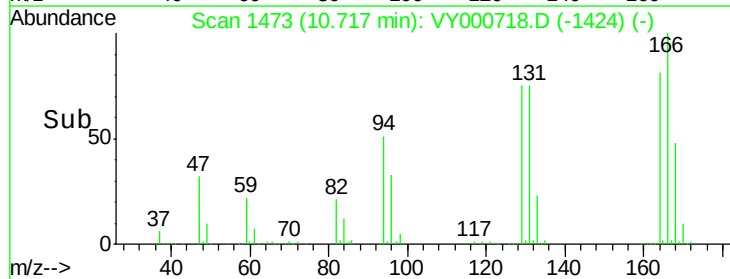
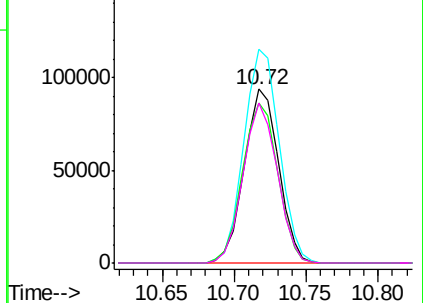


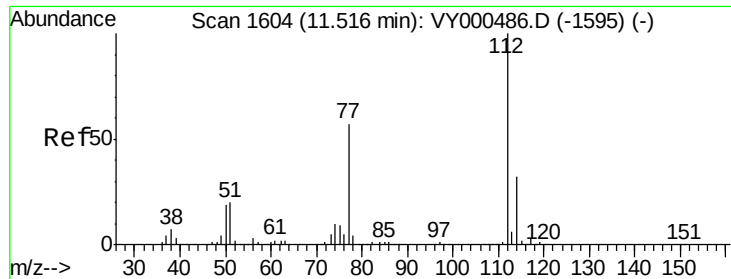
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.381 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

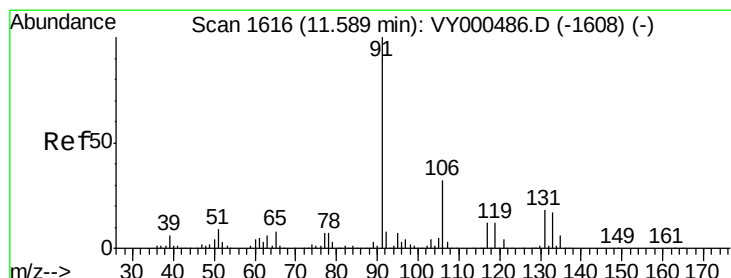
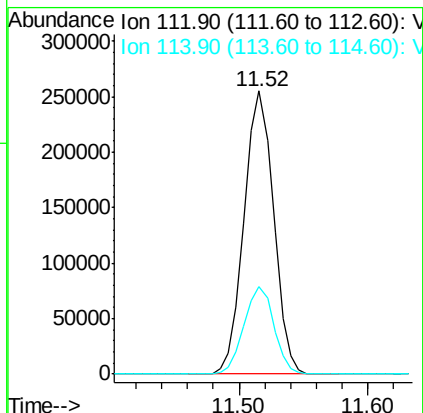
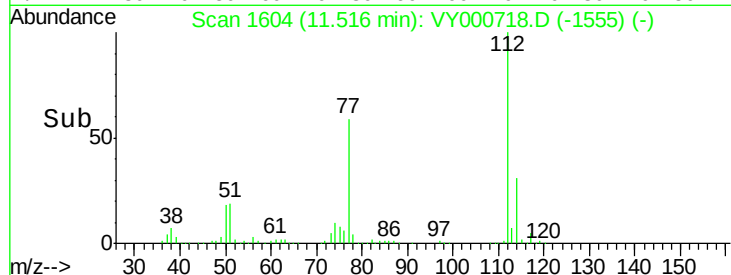
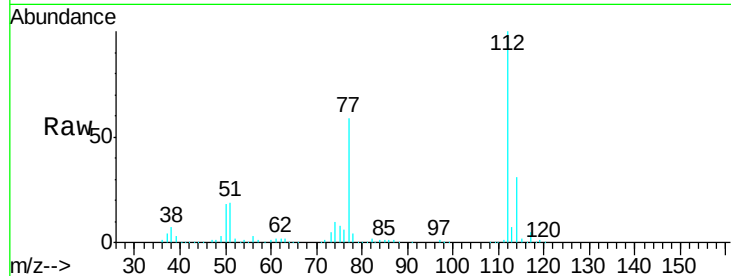
VSTDCCC050

Tgt Ion:112 Resp: 404511

Ion Ratio Lower Upper

112 100

114 31.1 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.947 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

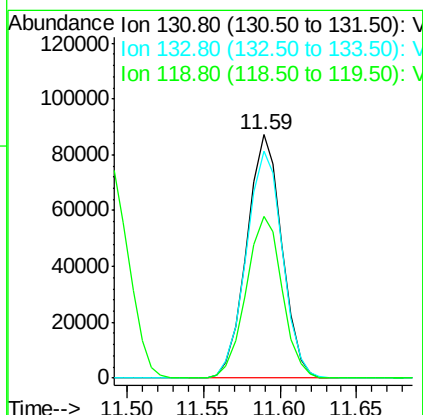
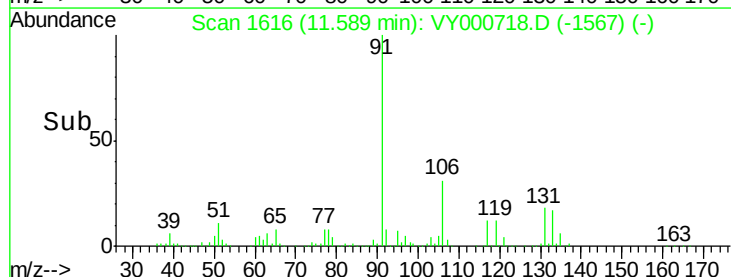
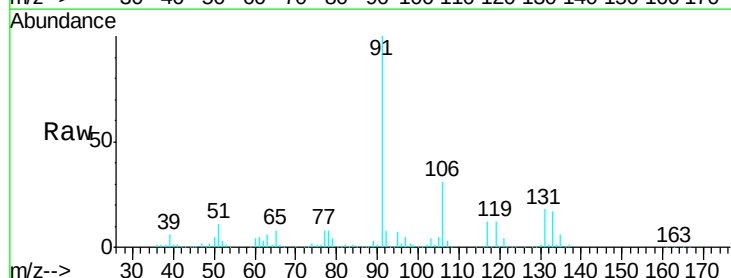
Tgt Ion:131 Resp: 139150

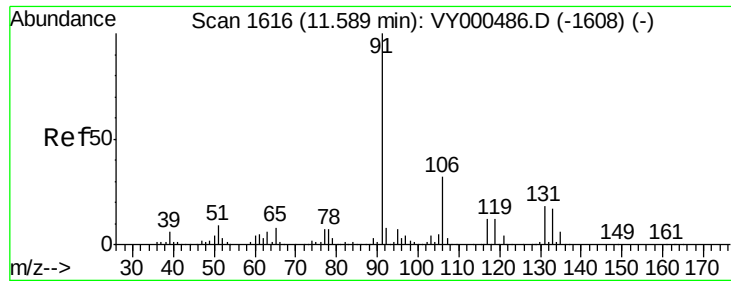
Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.8

119 68.1 33.1 99.3

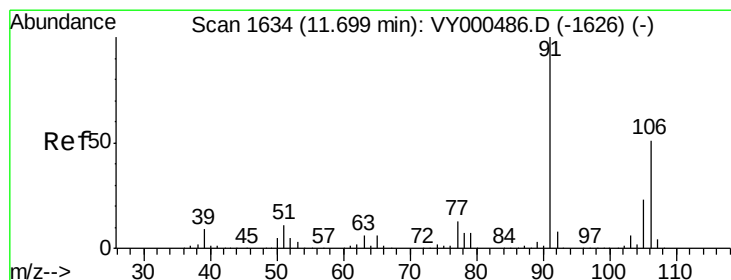
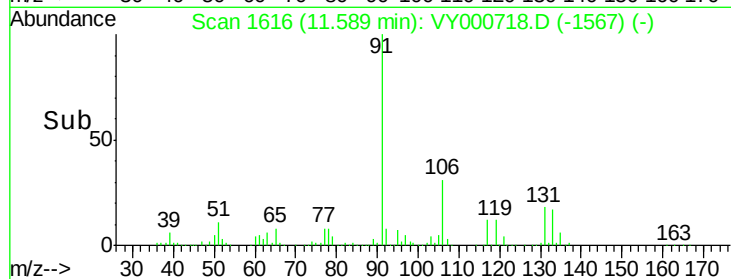
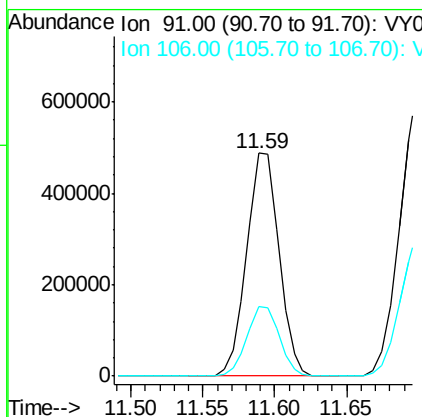
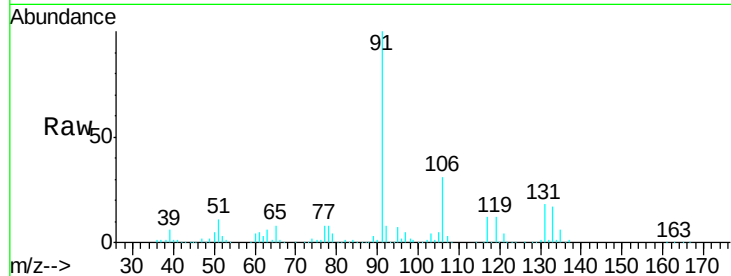




#67
Ethyl Benzene
Concen: 54.457 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

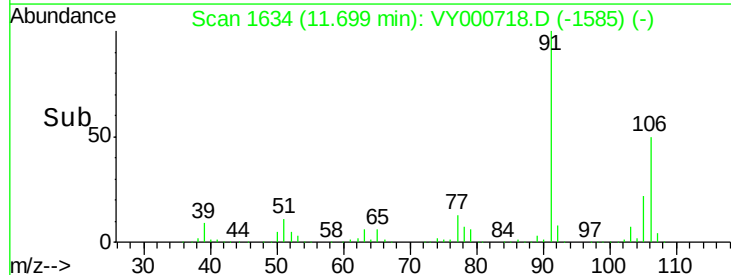
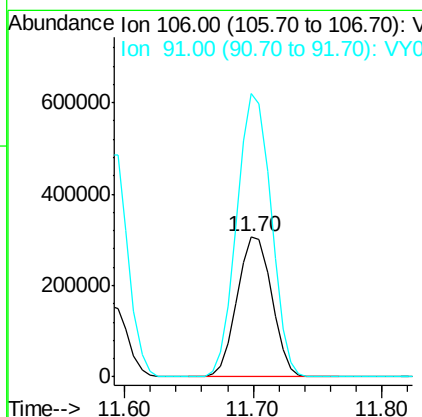
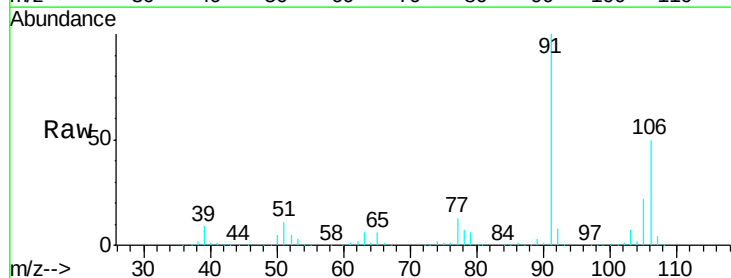
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

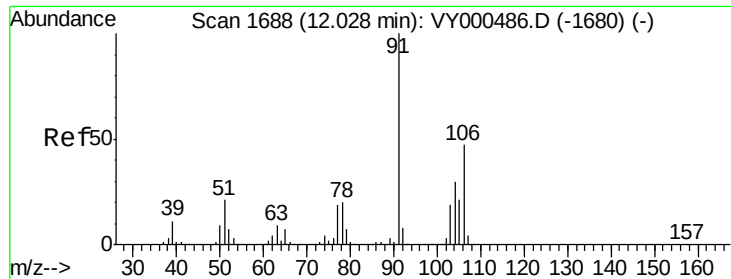
Tgt Ion: 91 Resp: 759479
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 106.423 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 106 Resp: 574450
Ion Ratio Lower Upper
106 100
91 199.9 155.9 233.9

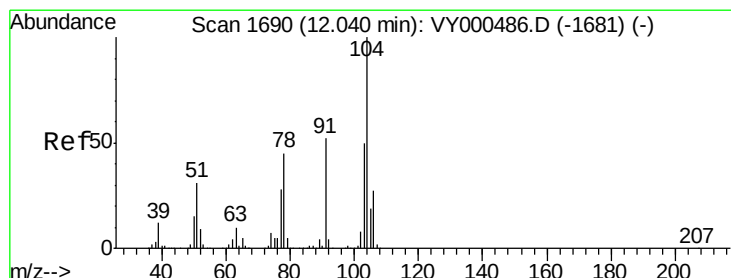
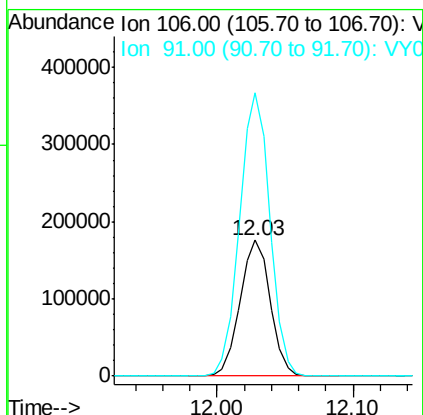
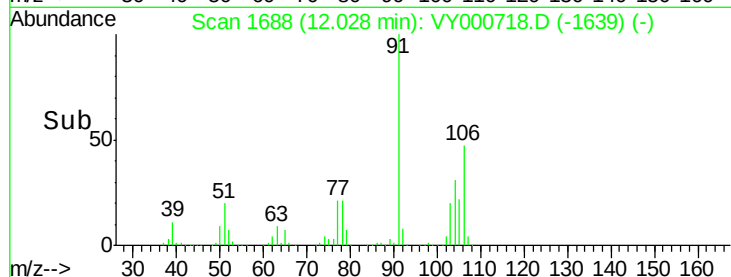
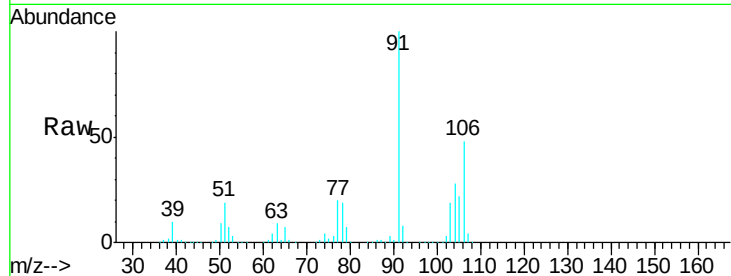




#69
o-Xylene
Concen: 53.763 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

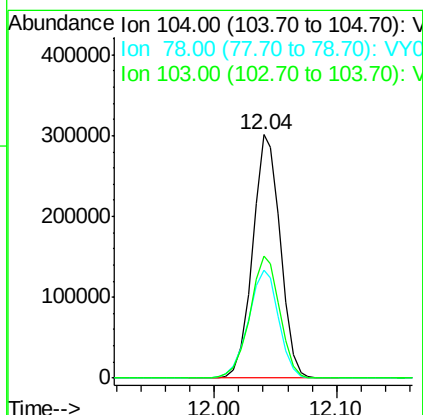
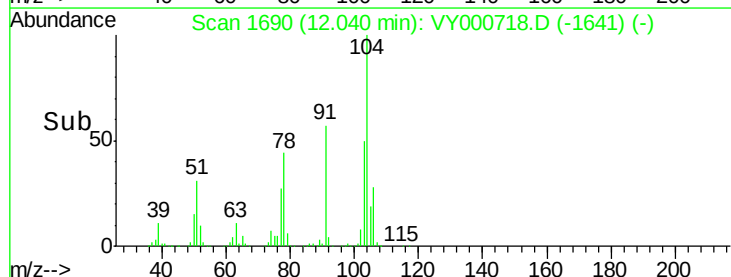
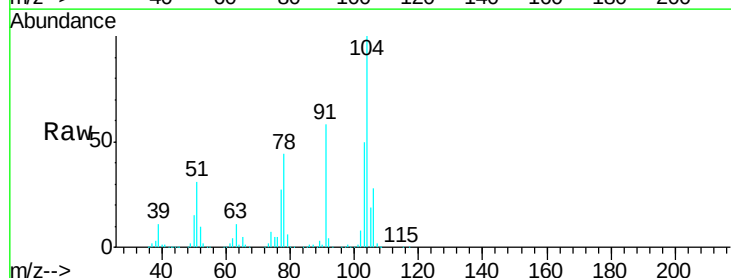
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

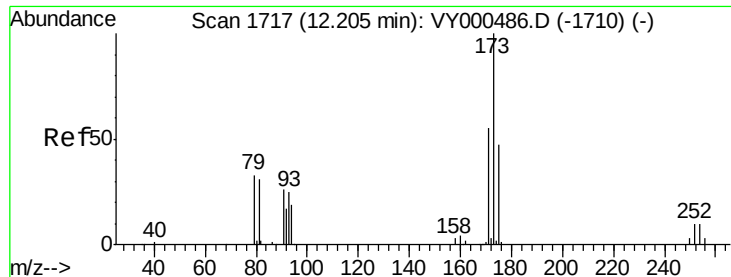
Tgt Ion:106 Resp: 272742
Ion Ratio Lower Upper
106 100
91 208.6 106.5 319.6



#70
Styrene
Concen: 54.485 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion:104 Resp: 473303
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.3 42.5 63.7





#71

Bromoform

Concen: 54.724 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

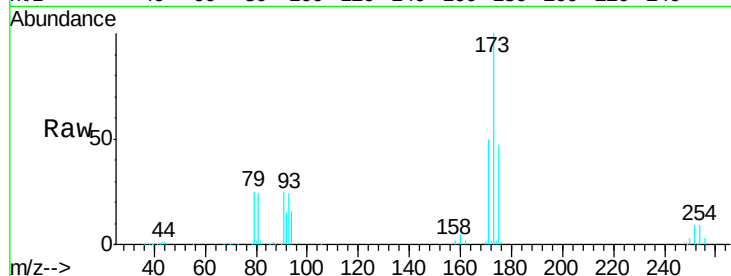
Tgt Ion:173 Resp: 82720

Ion Ratio Lower Upper

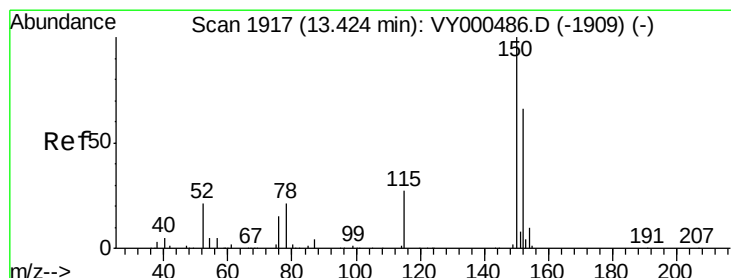
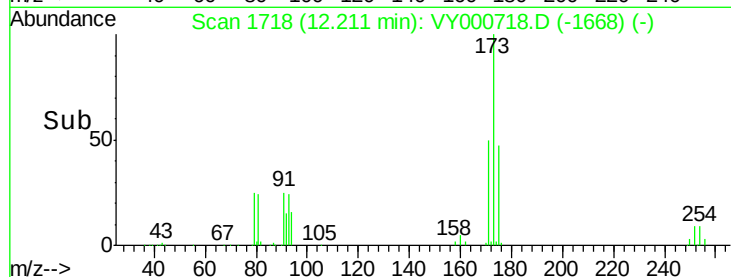
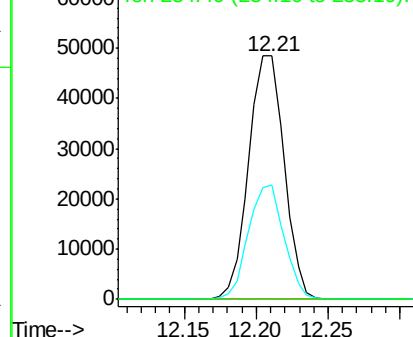
173 100

175 46.9 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

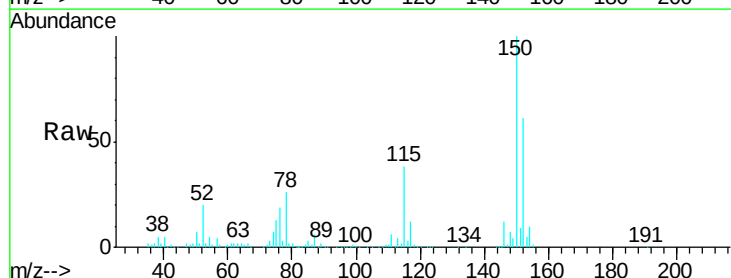
Tgt Ion:152 Resp: 183929

Ion Ratio Lower Upper

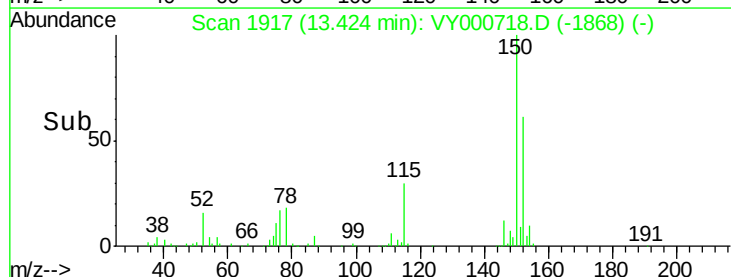
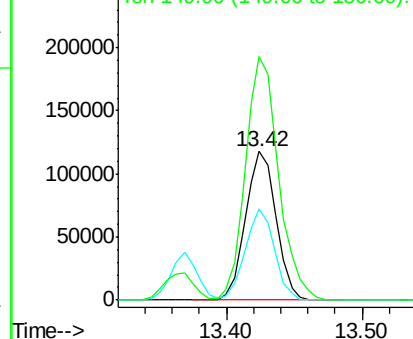
152 100

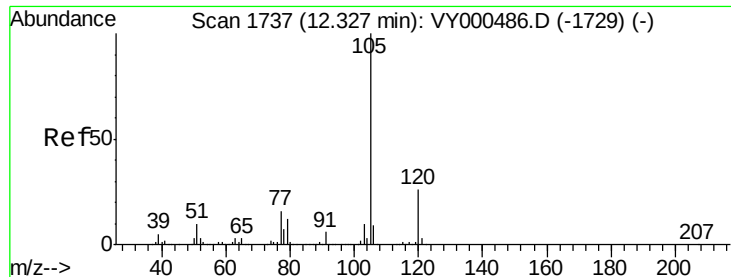
115 58.7 29.1 87.4

150 177.6 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

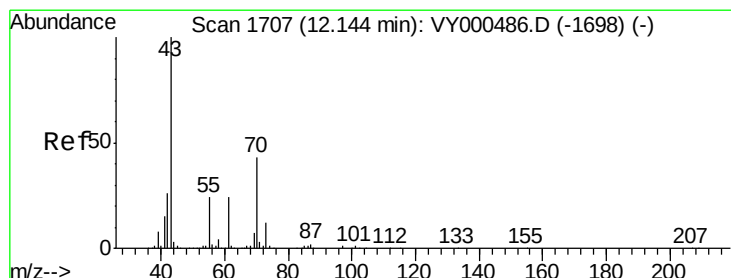
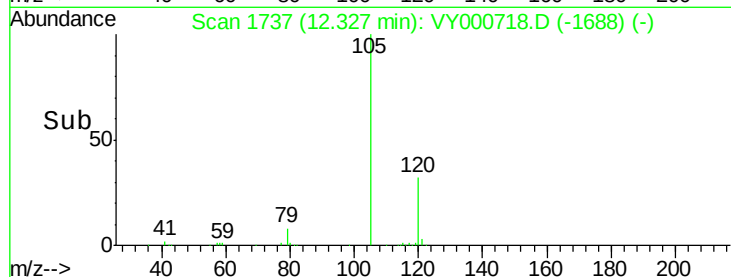
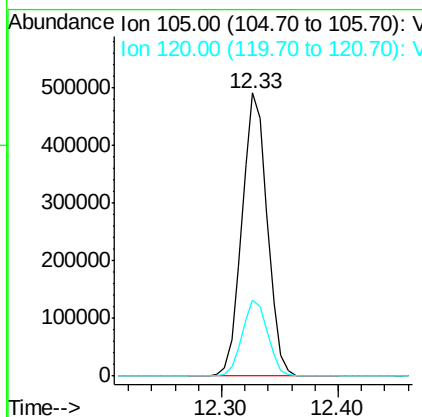
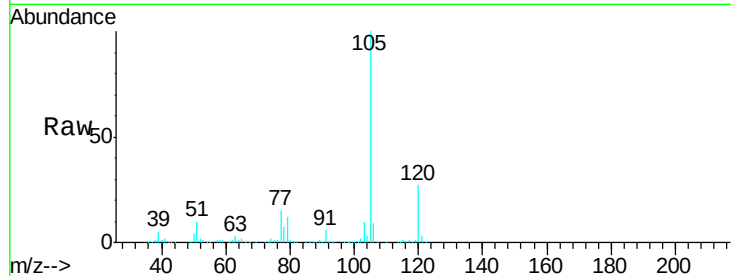




#73
Isopropylbenzene
Concen: 54.715 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

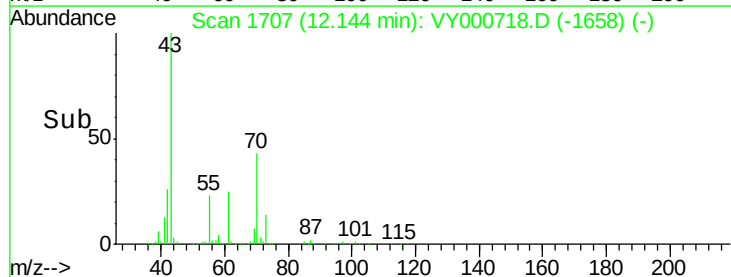
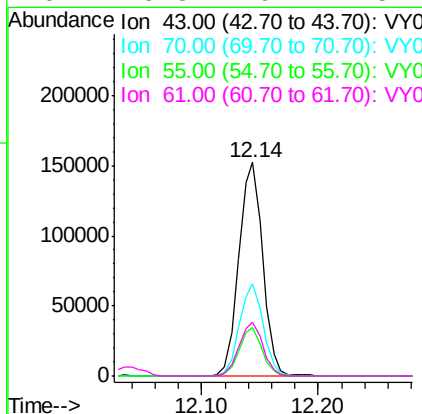
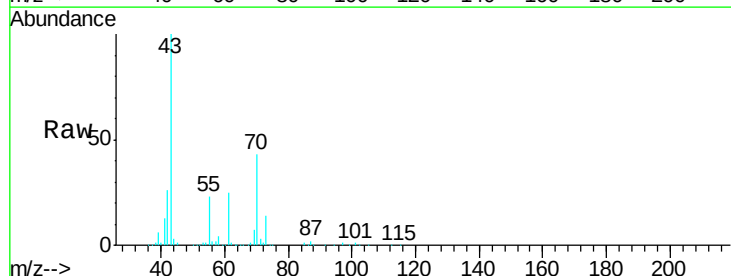
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

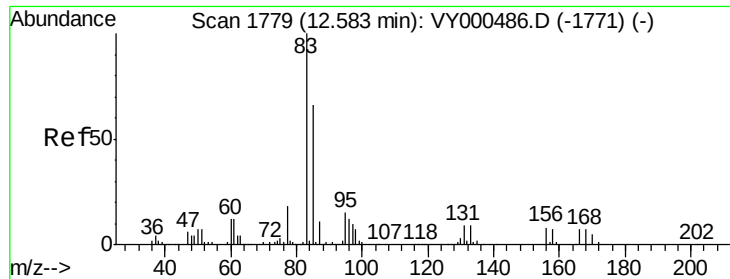
Tgt Ion: 105 Resp: 743790
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 56.068 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 43 Resp: 218284
Ion Ratio Lower Upper
43 100
70 42.9 33.1 49.7
55 21.9 18.0 27.0
61 25.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 55.660 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

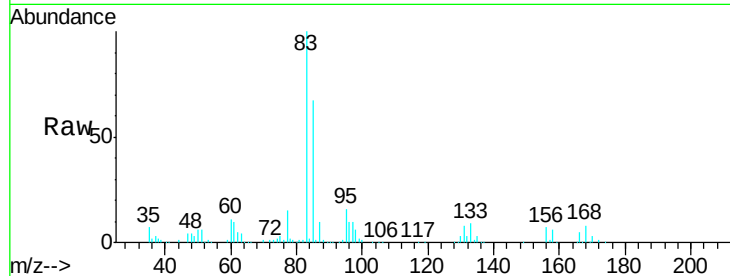
Tgt Ion: 83 Resp: 149813

Ion Ratio Lower Upper

83 100

131 9.1 5.0 14.9

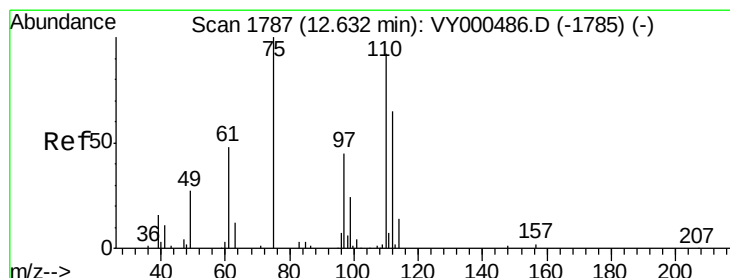
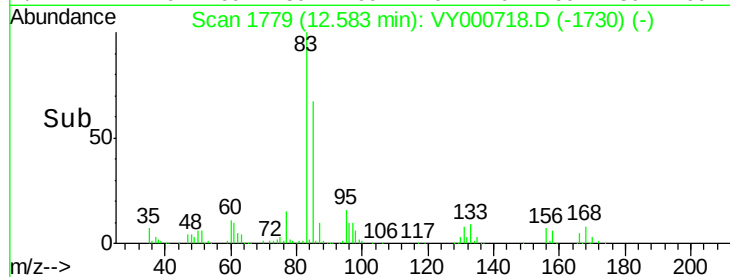
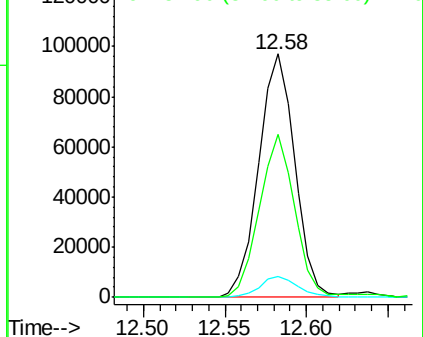
85 65.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 97.918 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000718.D

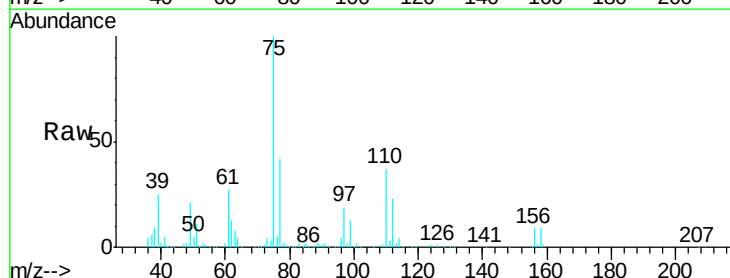
Acq: 18 Nov 2019 11:01

Tgt Ion: 75 Resp: 205067

Ion Ratio Lower Upper

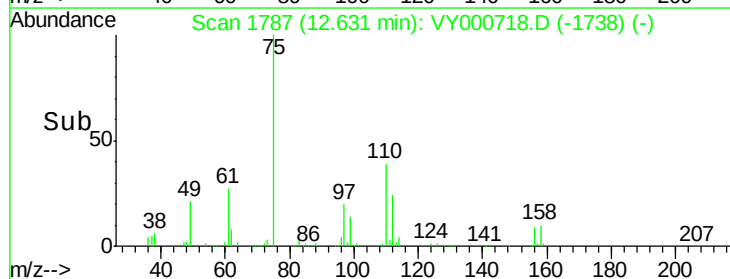
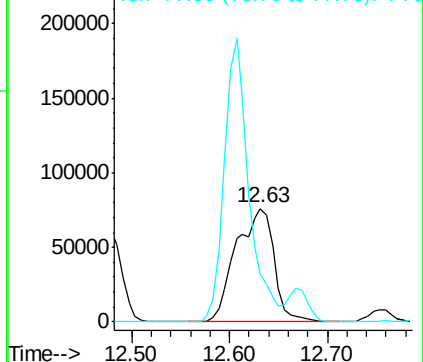
75 100

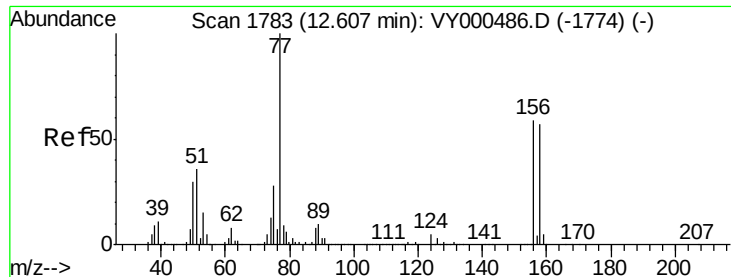
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

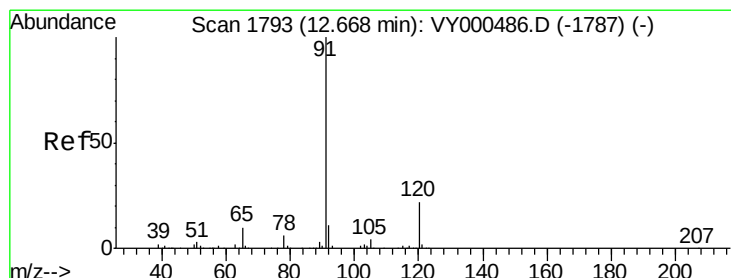
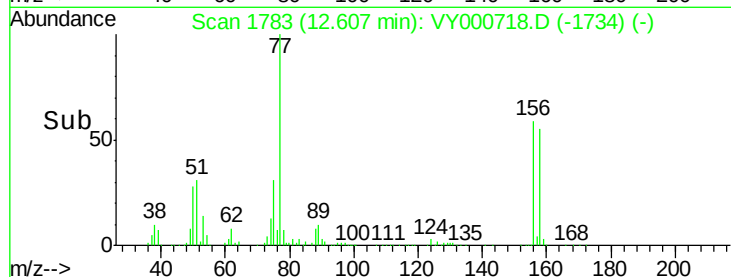
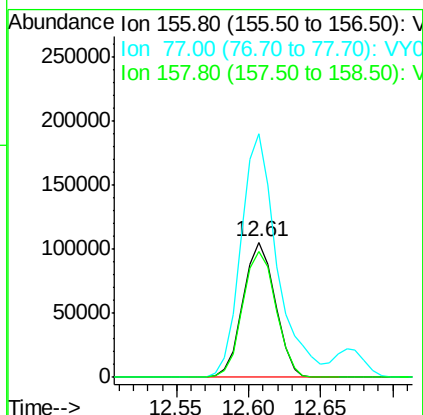
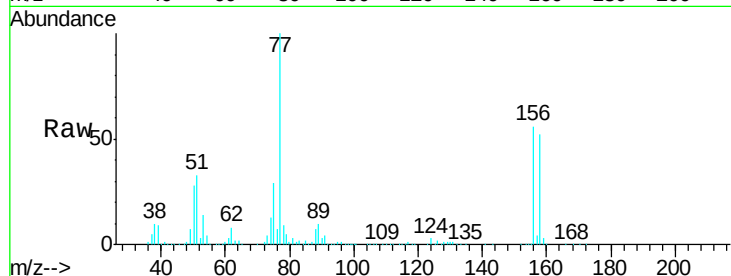




#77
Bromobenzene
Concen: 53.099 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

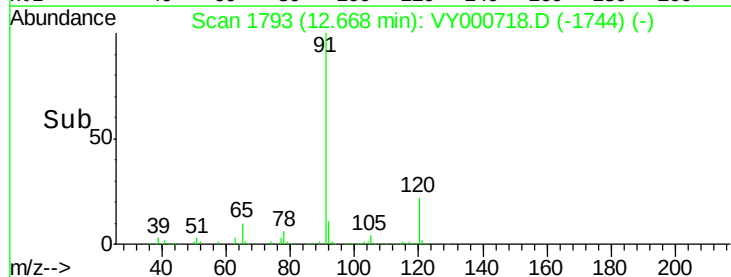
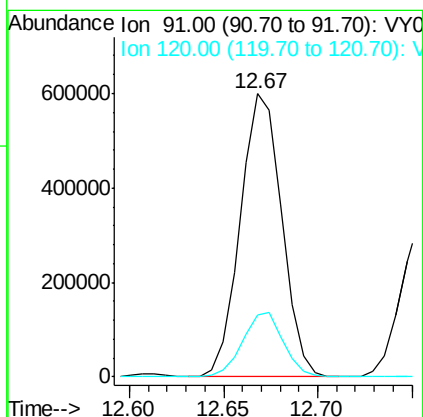
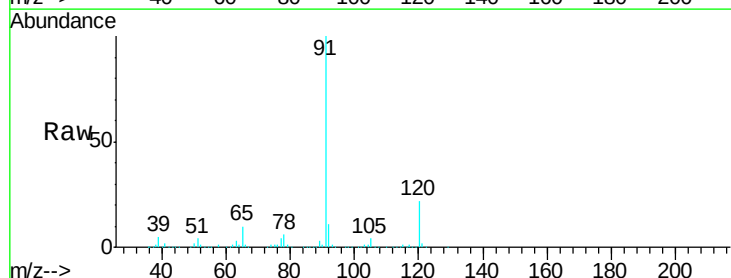
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

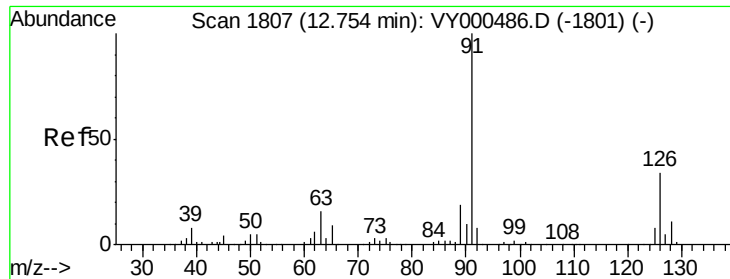
Tgt Ion:156 Resp: 163687
Ion Ratio Lower Upper
156 100
77 202.2 98.2 294.4
158 96.0 49.6 149.0



#78
n-propylbenzene
Concen: 55.663 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000718.D
Acq: 18 Nov 2019 11:01

Tgt Ion: 91 Resp: 912986
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





#79

2-Chlorotoluene

Concen: 54.791 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

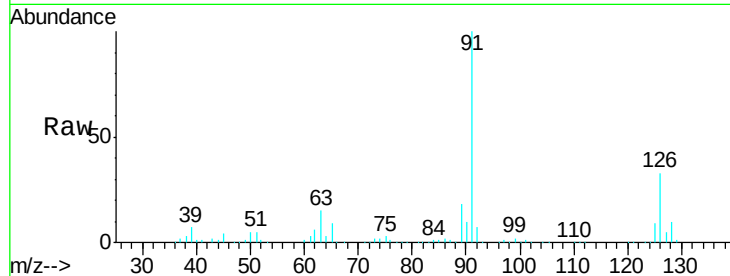
VSTDCCC050

Tgt Ion: 91 Resp: 498908

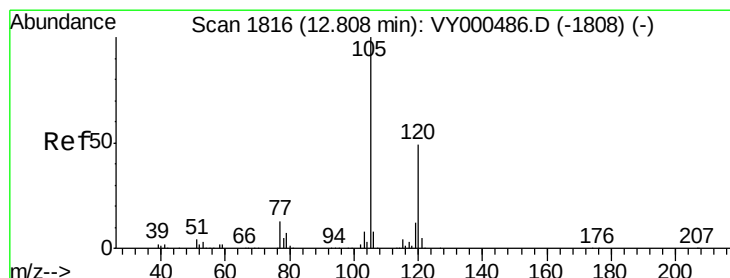
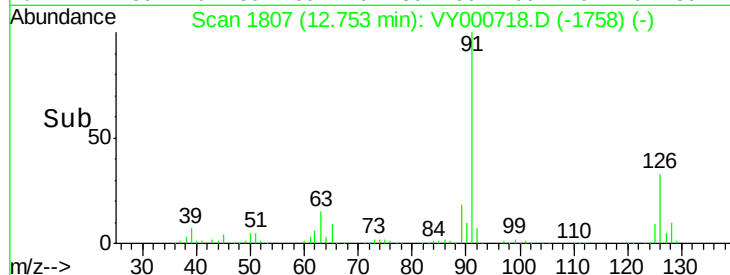
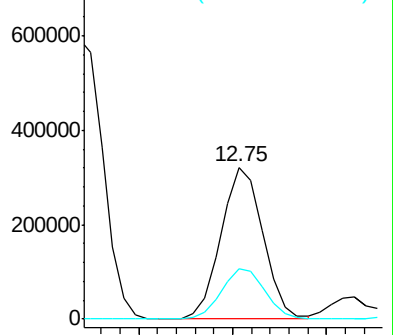
Ion Ratio Lower Upper

91 100

126 34.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.484 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000718.D

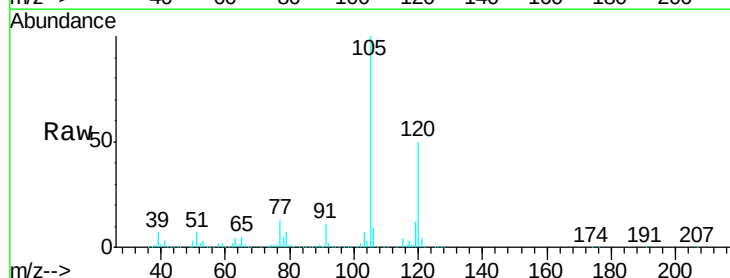
Acq: 18 Nov 2019 11:01

Tgt Ion: 105 Resp: 616842

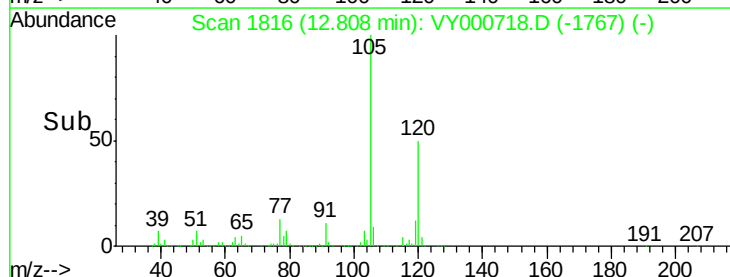
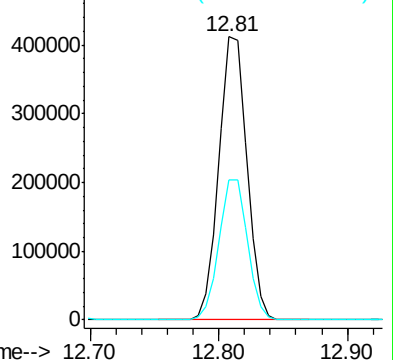
Ion Ratio Lower Upper

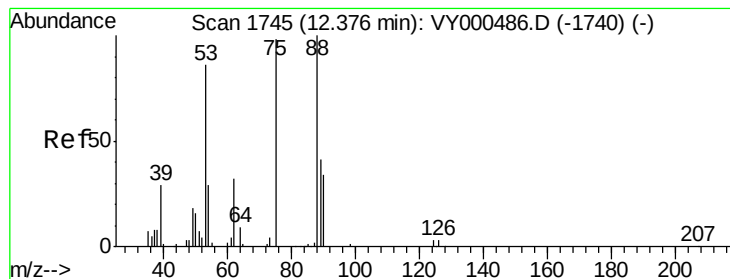
105 100

120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 59.301 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

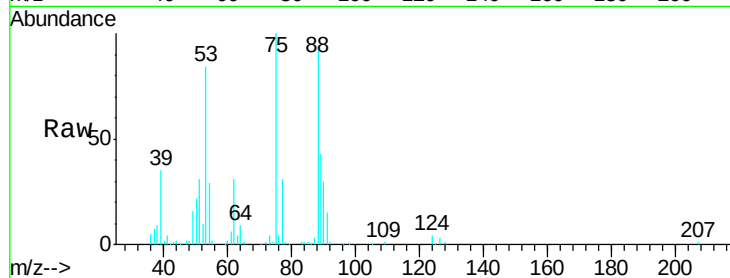
Tgt Ion: 75 Resp: 55391

Ion Ratio Lower Upper

75 100

53 84.3 73.2 109.8

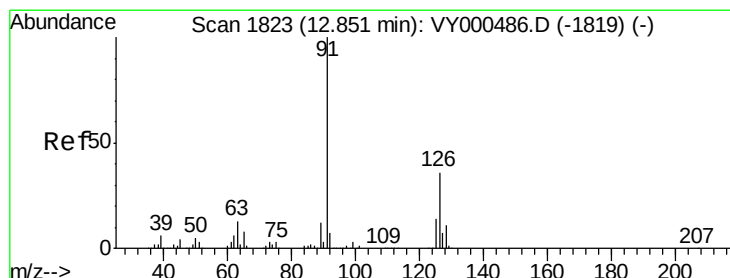
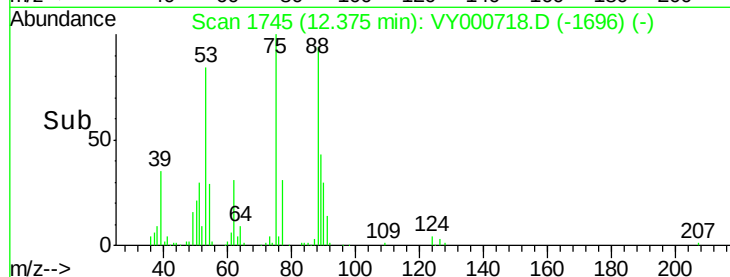
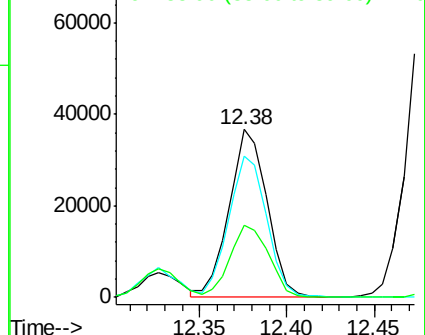
89 44.2 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 55.886 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000718.D

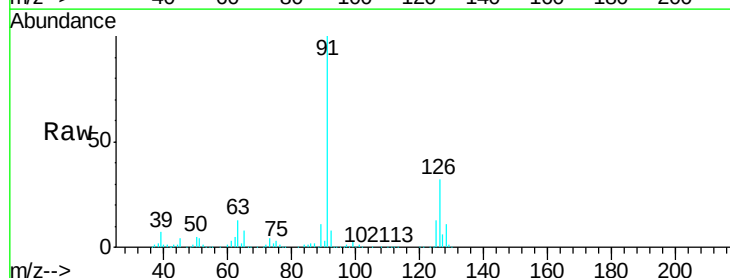
Acq: 18 Nov 2019 11:01

Tgt Ion: 91 Resp: 527492

Ion Ratio Lower Upper

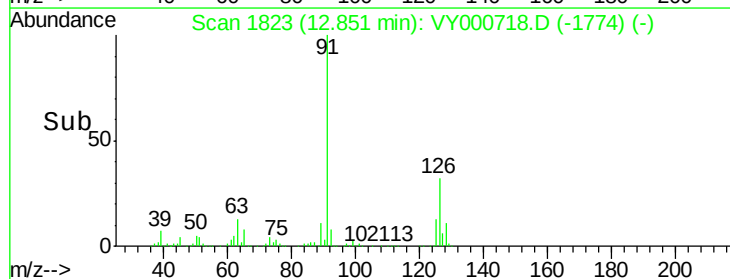
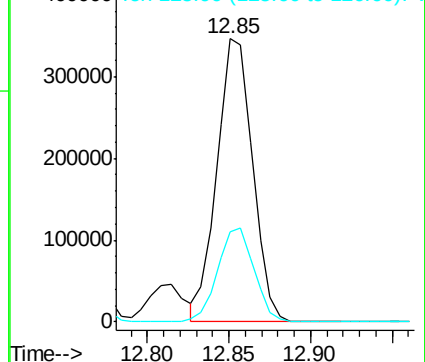
91 100

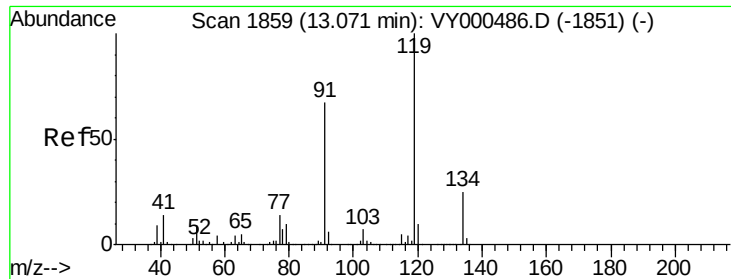
126 34.0 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

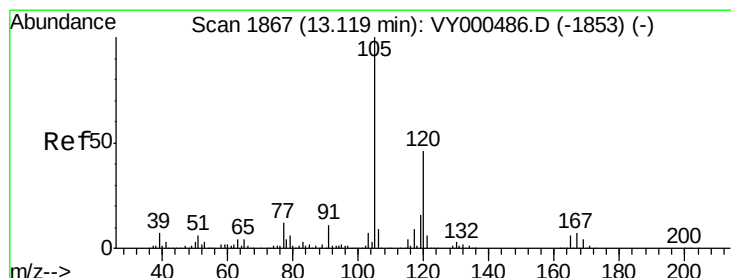
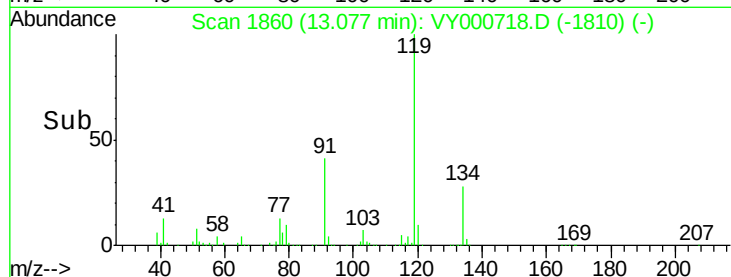
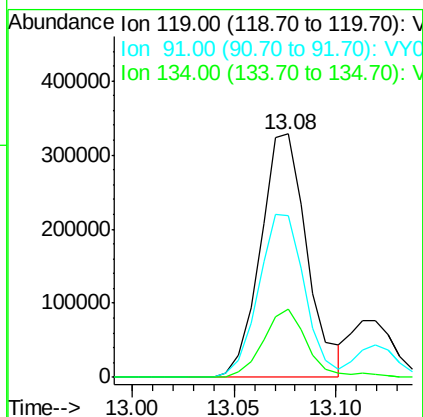
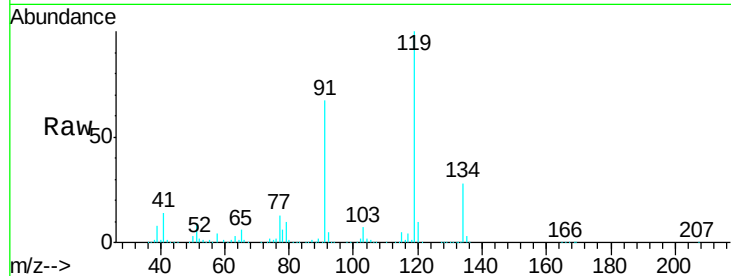




#83
 tert-Butylbenzene
 Concen: 54.114 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

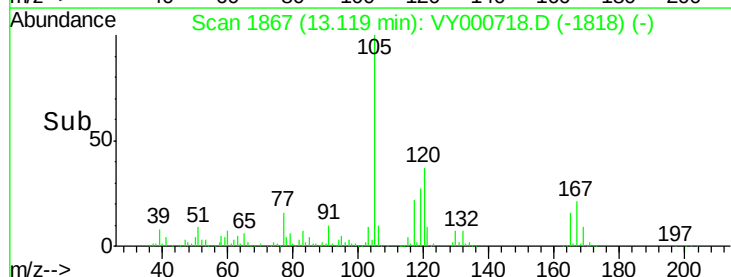
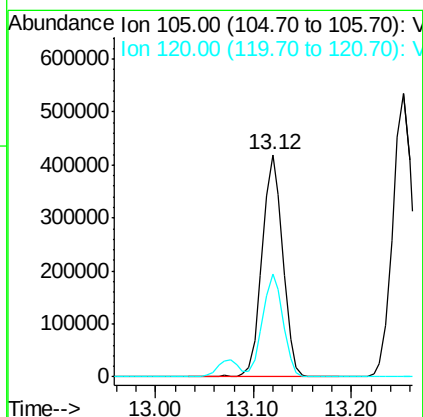
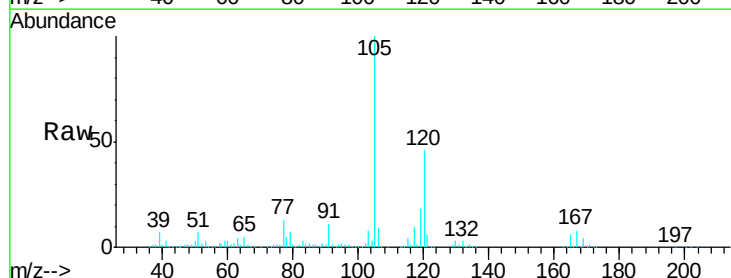
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

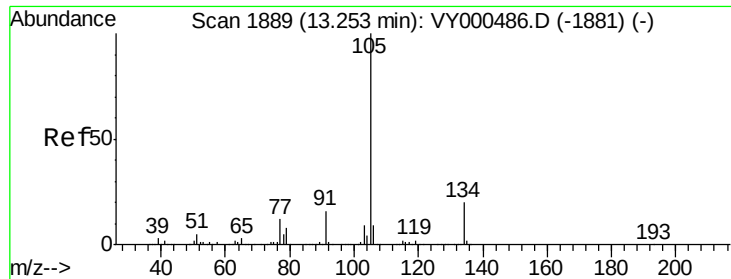
Tgt Ion:119 Resp: 523105
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.1 96.3
 134 26.7 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.612 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion:105 Resp: 615614
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.9

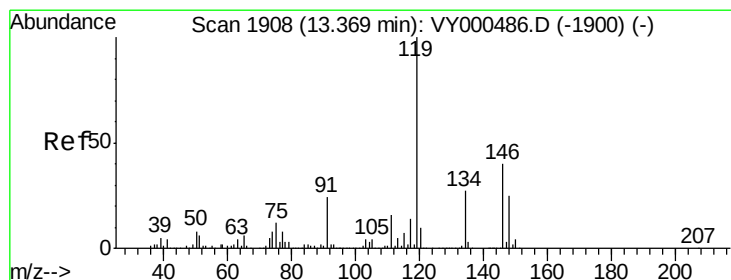
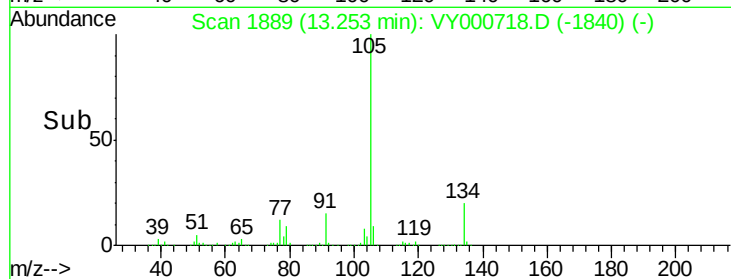
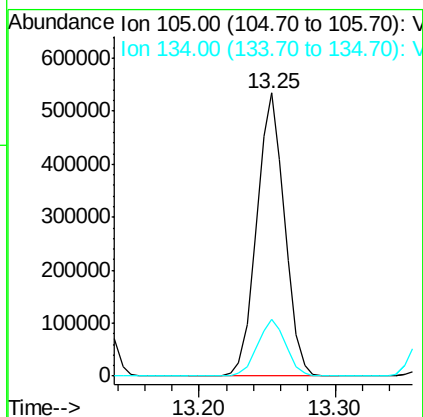
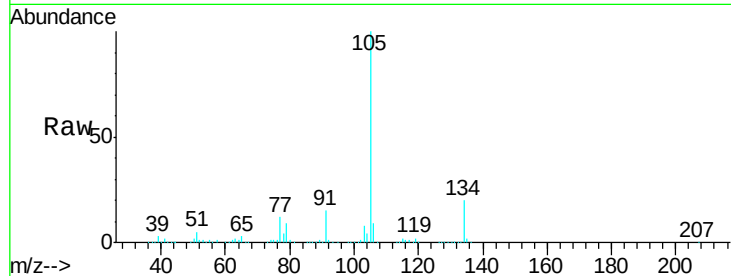




#85
 sec-Butylbenzene
 Concen: 55.919 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

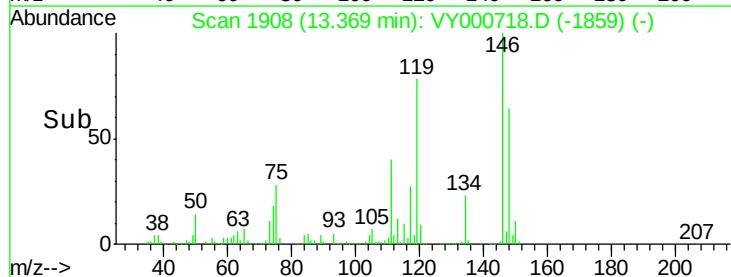
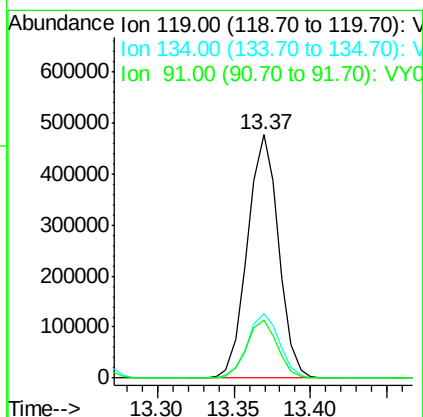
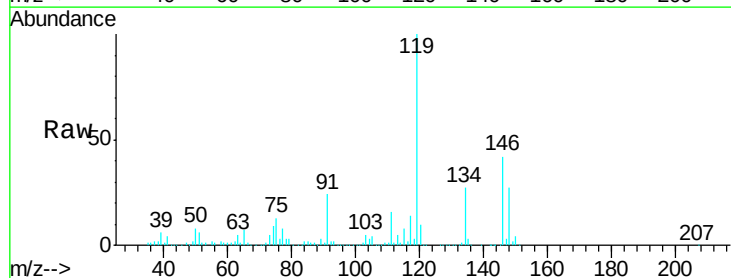
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

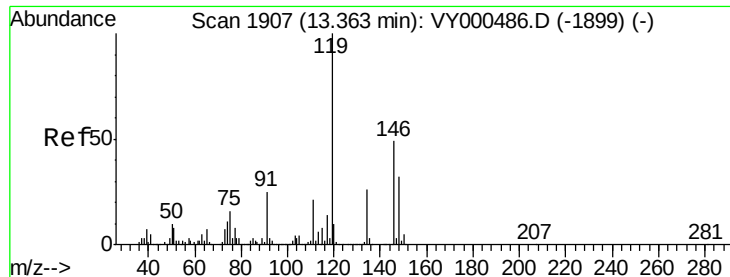
Tgt Ion:105 Resp: 770144
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.983 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion:119 Resp: 674898
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 23.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.436 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

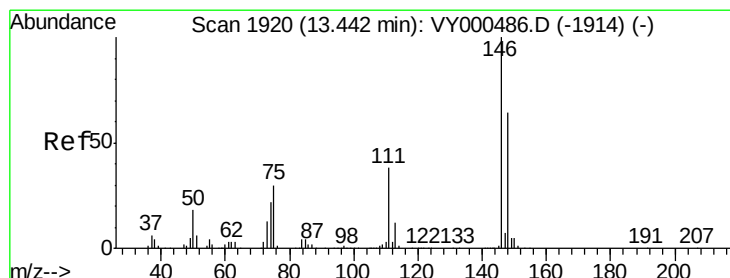
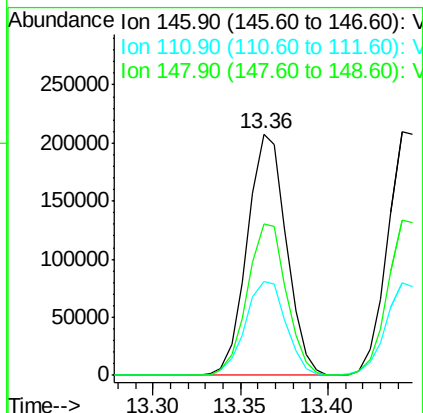
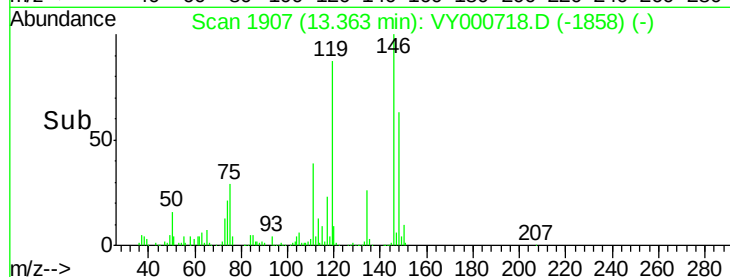
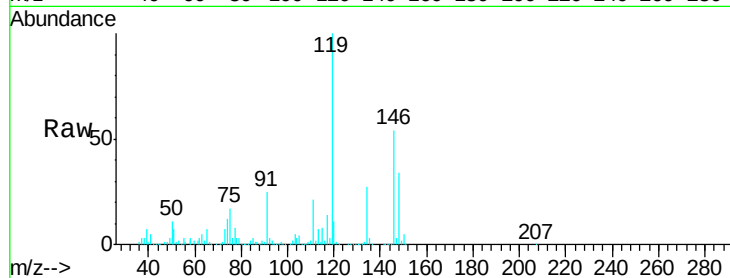
Tgt Ion:146 Resp: 322643

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 62.9 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 53.660 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

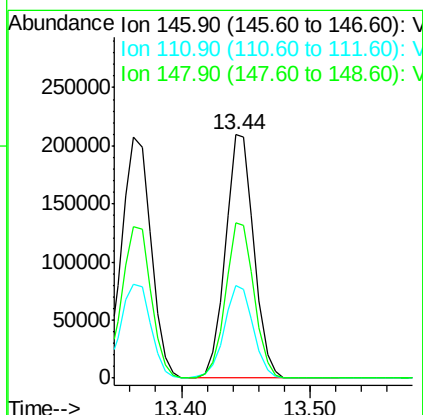
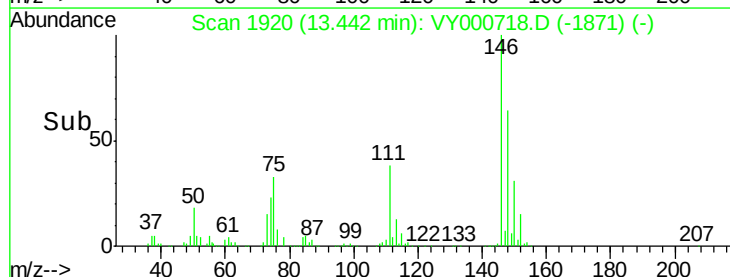
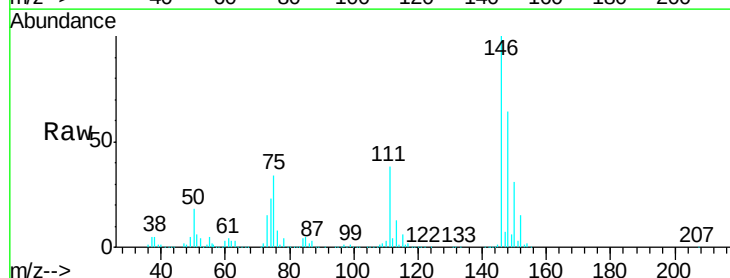
Tgt Ion:146 Resp: 323759

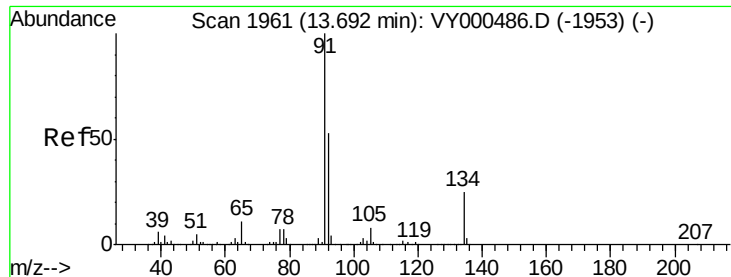
Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 56.794 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

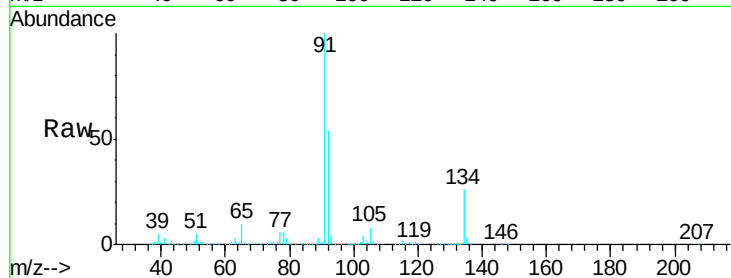
Tgt Ion: 91 Resp: 687582

Ion Ratio Lower Upper

91 100

92 54.2 26.8 80.3

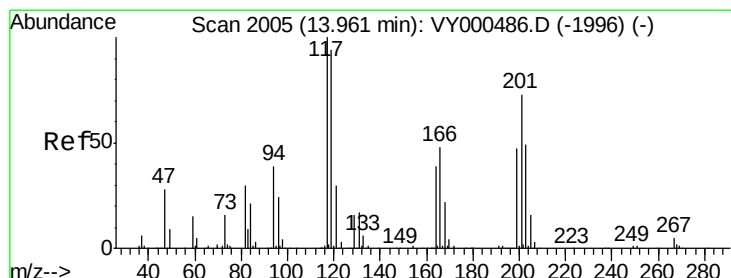
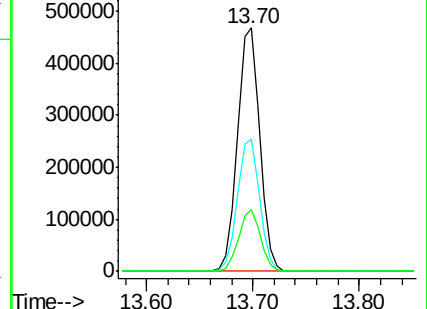
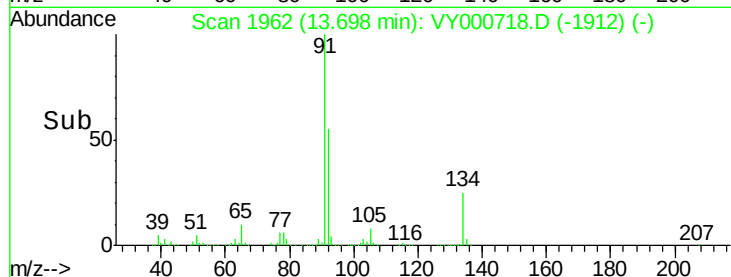
134 24.9 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000718.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY000718.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY000718.D (-1912) (-)



#90

Hexachloroethane

Concen: 55.445 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000718.D

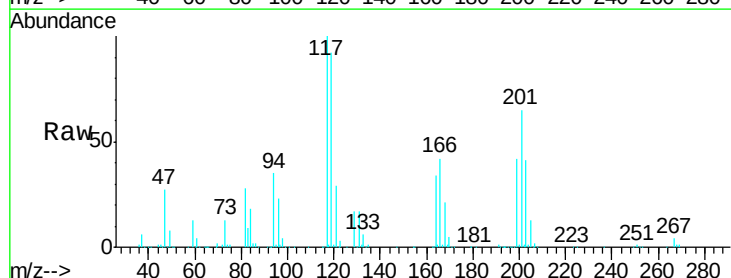
Acq: 18 Nov 2019 11:01

Tgt Ion: 117 Resp: 125816

Ion Ratio Lower Upper

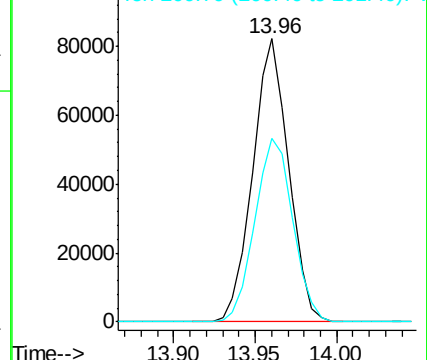
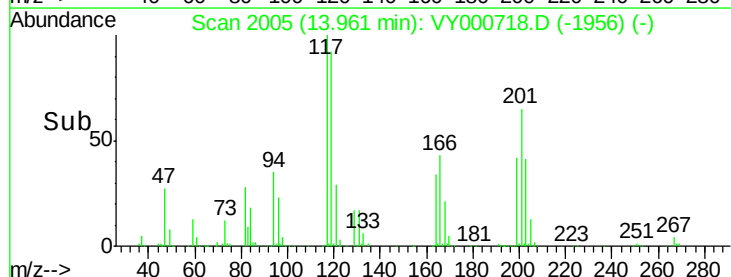
117 100

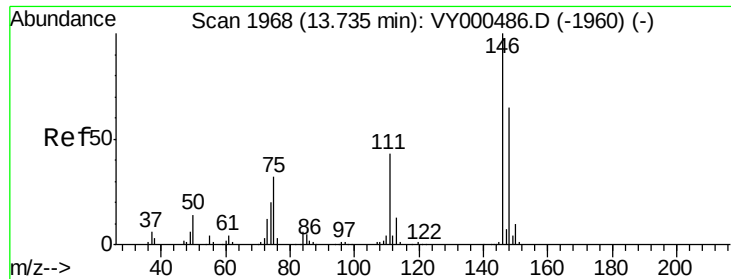
201 68.6 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000718.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000718.D (-1956) (-)

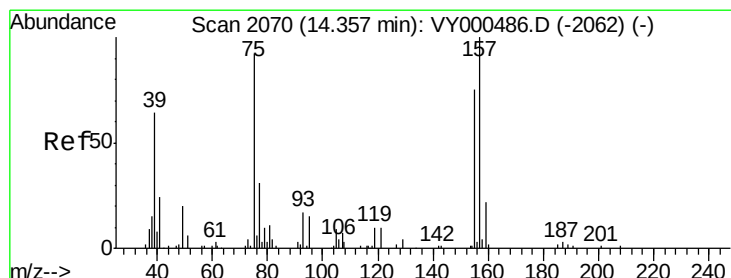
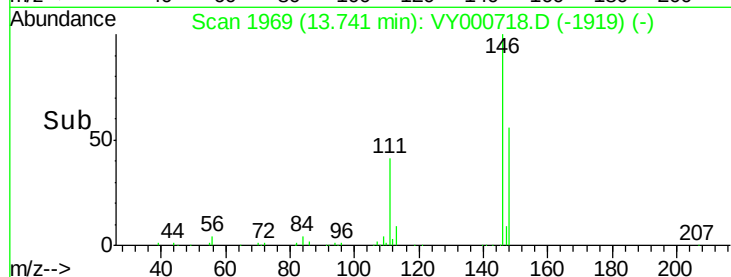
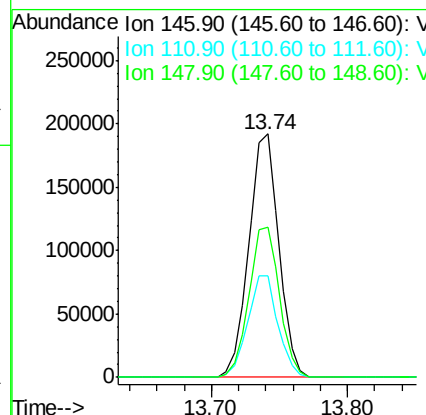
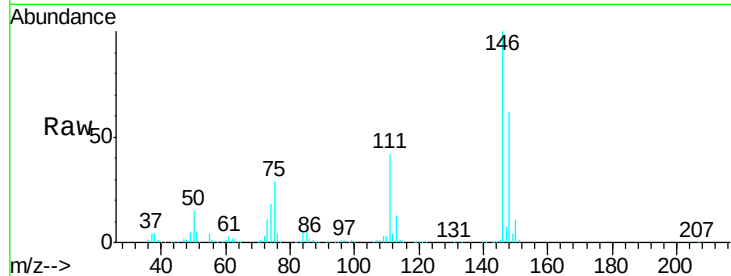




#91
 1,2-Dichlorobenzene
 Concen: 54.104 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

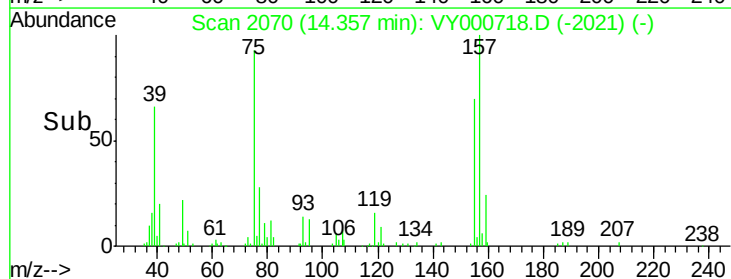
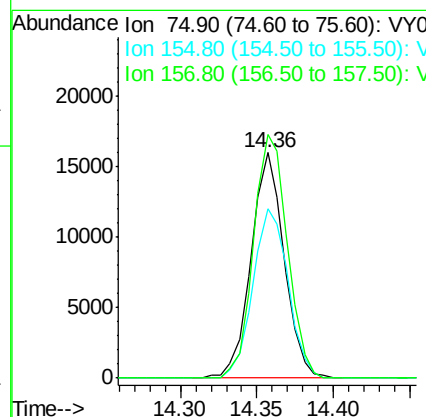
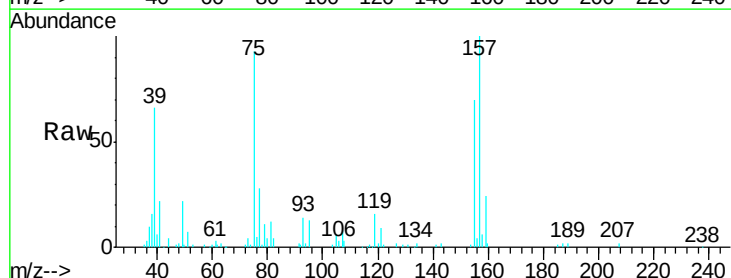
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

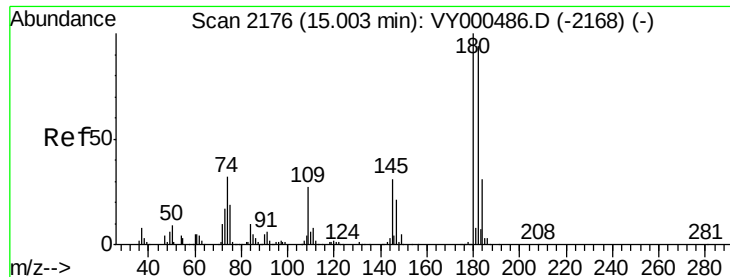
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.5	61.5
148	63.1	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.460 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.4	127.1
157	110.4	55.1	165.3

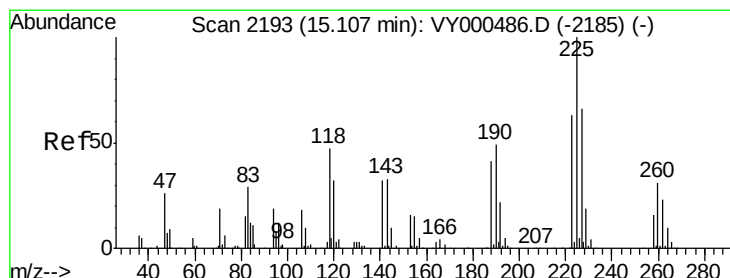
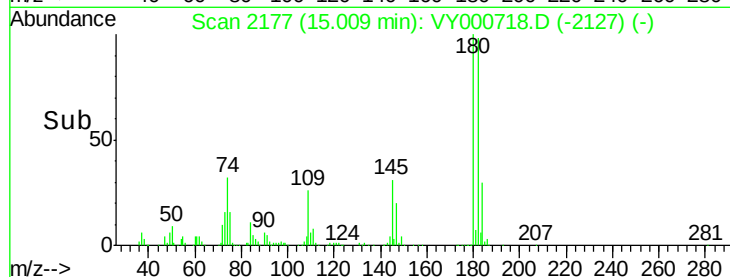
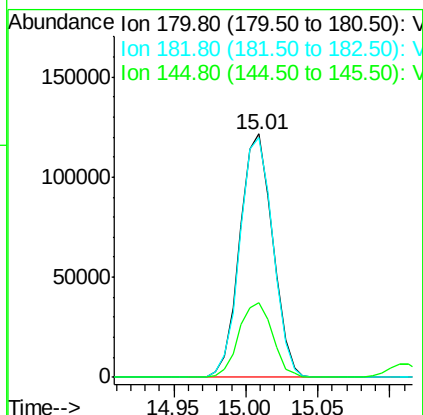
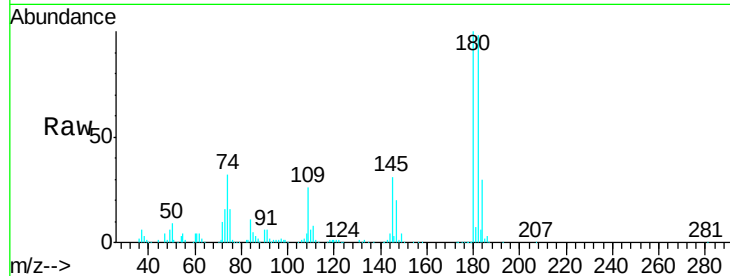




#93
 1,2,4-Trichlorobenzene
 Concen: 51.686 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

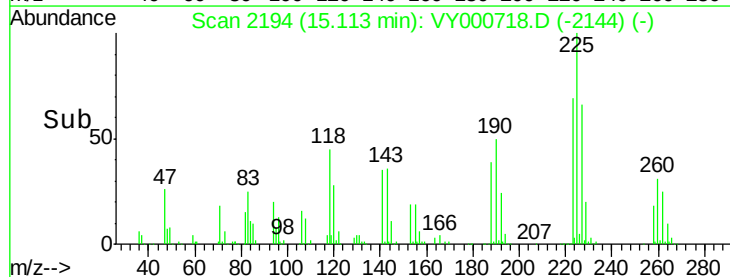
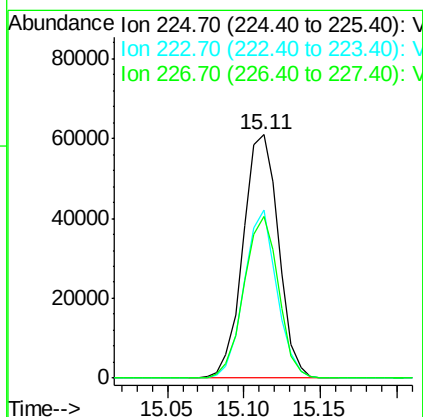
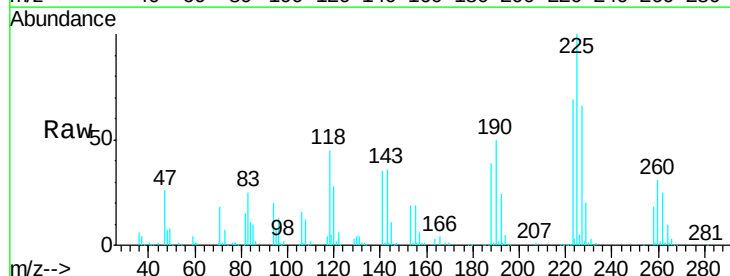
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

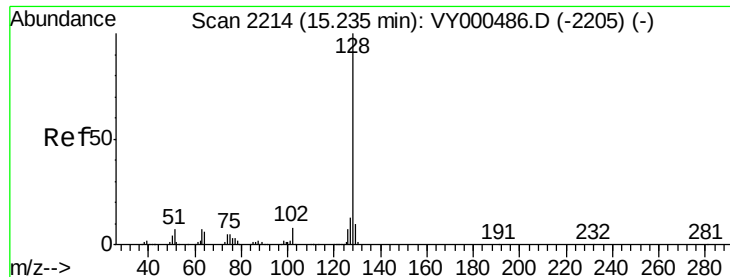
Tgt Ion:180 Resp: 192796
 Ion Ratio Lower Upper
 180 100
 182 98.7 47.8 143.4
 145 31.4 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 50.934 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000718.D
 Acq: 18 Nov 2019 11:01

Tgt Ion:225 Resp: 97938
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 65.1 32.4 97.0





#95

Naphthalene

Concen: 53.595 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

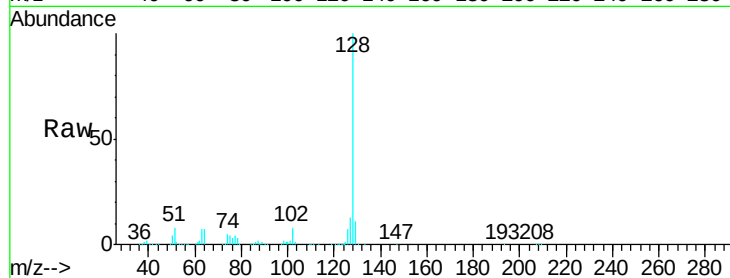
Tgt Ion:128 Resp: 443806

Ion Ratio Lower Upper

128 100

127 12.4 9.8 14.6

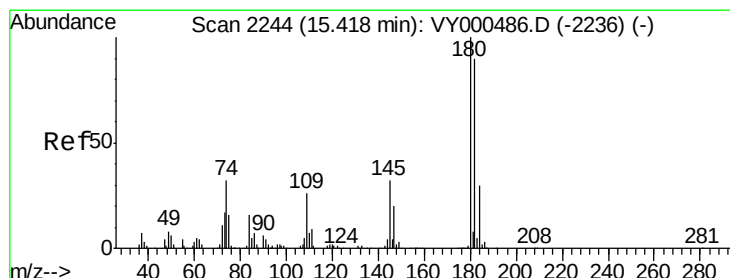
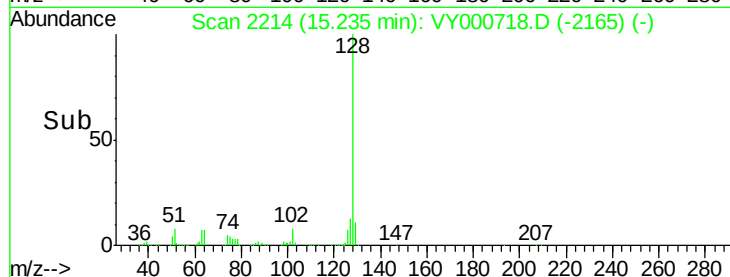
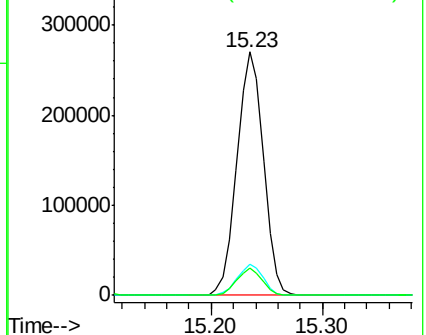
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.149 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000718.D

Acq: 18 Nov 2019 11:01

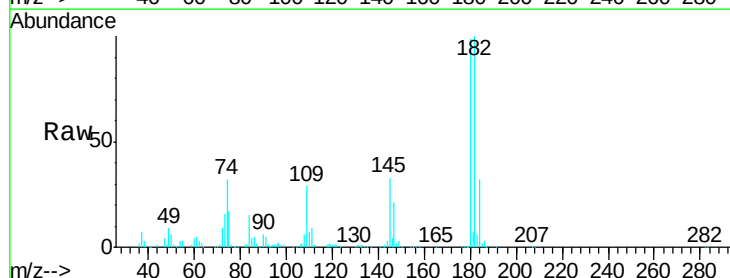
Tgt Ion:180 Resp: 174520

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 33.0 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

