

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009467.D
 Acq On : 07 Jul 2022 12:37
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 08 01:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	183201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	277812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60648	38.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.460%
35) Dibromofluoromethane	7.716	113	68296	43.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.880%
50) Toluene-d8	10.173	98	205875	38.552	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.100%#
62) 4-Bromofluorobenzene	12.477	95	106889	48.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	97.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50690	36.081	ug/l	94
3) Chloromethane	2.107	50	56246	35.851	ug/l	98
4) Vinyl Chloride	2.241	62	70644	39.549	ug/l	100
5) Bromomethane	2.637	94	44437	34.628	ug/l	97
6) Chloroethane	2.784	64	41214	39.520	ug/l	99
7) Trichlorofluoromethane	3.113	101	100276	42.047	ug/l	95
8) Diethyl Ether	3.521	74	38643	42.353	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	66121	40.921	ug/l	96
10) Methyl Iodide	4.082	142	83361	43.480	ug/l	91
11) Tert butyl alcohol	4.948	59	46609	165.236	ug/l	99
12) 1,1-Dichloroethene	3.857	96	59760	39.875	ug/l	78
13) Acrolein	3.722	56	36579	317.995	ug/l	97
14) Allyl chloride	4.466	41	114603	44.445	ug/l	95
15) Acrylonitrile	5.149	53	118372	235.781	ug/l	97
16) Acetone	3.942	43	97537	218.858	ug/l	96
17) Carbon Disulfide	4.186	76	136480	32.356	ug/l	98
18) Methyl Acetate	4.472	43	52759	40.320	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	214265	47.236	ug/l	95
20) Methylene Chloride	4.704	84	80996	32.287	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	72676	41.386	ug/l	86
22) Diisopropyl ether	6.106	45	287519	52.448	ug/l	98
23) Vinyl Acetate	6.051	43	930750	265.541	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	143379	46.379	ug/l	97
25) 2-Butanone	6.978	43	165971	230.214	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	136836	44.910	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	93673	45.310	ug/l	90
28) Bromochloromethane	7.325	49	69987	53.864	ug/l	91
29) Tetrahydrofuran	7.338	42	109274	234.341	ug/l	94
30) Chloroform	7.496	83	153605	45.399	ug/l	97
31) Cyclohexane	7.777	56	117677	39.152	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	134012	44.926	ug/l	97
36) 1,1-Dichloropropene	7.911	75	108156	42.738	ug/l	97
37) Ethyl Acetate	7.063	43	72088	45.444	ug/l #	94
38) Carbon Tetrachloride	7.892	117	119621	44.198	ug/l	98
39) Methylcyclohexane	9.179	83	126207	41.547	ug/l	93
40) Benzene	8.155	78	329384	44.324	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	101496	68.801	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	100274	44.946	ug/l	92
43) Isopropyl Acetate	8.264	43	140565	47.491	ug/l	95
44) Trichloroethene	8.935	130	91737	43.699	ug/l	97
45) 1,2-Dichloropropane	9.209	63	88557	47.089	ug/l	95
46) Dibromomethane	9.301	93	50905	46.119	ug/l	98
47) Bromodichloromethane	9.490	83	122652	46.685	ug/l	99
48) Methyl methacrylate	9.289	41	60698	47.598	ug/l	90
49) 1,4-Dioxane	9.295	88	14905	916.946	ug/l	88
51) 4-Methyl-2-Pentanone	10.063	43	380750	244.613	ug/l	93
52) Toluene	10.240	92	218729	46.190	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	133452	48.202	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	143216	46.392	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	75853	47.636	ug/l	98
56) Ethyl methacrylate	10.502	69	107568	50.881	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	125854	47.944	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	266308	257.865	ug/l	96
59) 2-Hexanone	10.825	43	268331	248.783	ug/l	92
60) Dibromochloromethane	10.977	129	93202	48.334	ug/l	99
61) 1,2-Dibromoethane	11.087	107	72722	47.638	ug/l	98
64) Tetrachloroethene	10.715	164	105505	45.422	ug/l	99
65) Chlorobenzene	11.514	112	246410	45.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	94432	46.010	ug/l	97
67) Ethyl Benzene	11.587	91	437443	45.924	ug/l	97
68) m/p-Xylenes	11.697	106	344347	92.692	ug/l	94
69) o-Xylene	12.026	106	166580	46.781	ug/l	93
70) Styrene	12.038	104	285260	47.962	ug/l	96
71) Bromoform	12.203	173	63509	48.549	ug/l #	98
73) Isopropylbenzene	12.325	105	442545	46.041	ug/l	97
74) N-amyl acetate	12.136	43	129074	47.197	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	88642	46.058	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	122262	49.322	ug/l #	100
77) Bromobenzene	12.605	156	106759	45.624	ug/l	95
78) n-propylbenzene	12.666	91	540265	46.524	ug/l	97
79) 2-Chlorotoluene	12.751	91	306332	47.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	375447	46.730	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	34111	46.924	ug/l #	84
82) 4-Chlorotoluene	12.849	91	314034	46.091	ug/l	97
83) tert-Butylbenzene	13.068	119	337506	47.218	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	370658	46.350	ug/l	97
85) sec-Butylbenzene	13.251	105	495255	47.046	ug/l	99
86) p-Isopropyltoluene	13.367	119	405896	46.256	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	212778	46.066	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	213888	45.752	ug/l	98
89) n-Butylbenzene	13.690	91	384371	46.908	ug/l	97
90) Hexachloroethane	13.958	117	79290	46.053	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	195414	46.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15653	46.403	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	123442	47.826	ug/l	99
94) Hexachlorobutadiene	15.111	225	65677	46.283	ug/l	96
95) Naphthalene	15.233	128	249411	46.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	105775	47.315	ug/l	98

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QLast Update : Fri Jul 08 01:24:14 2022
Response via : Initial Calibration

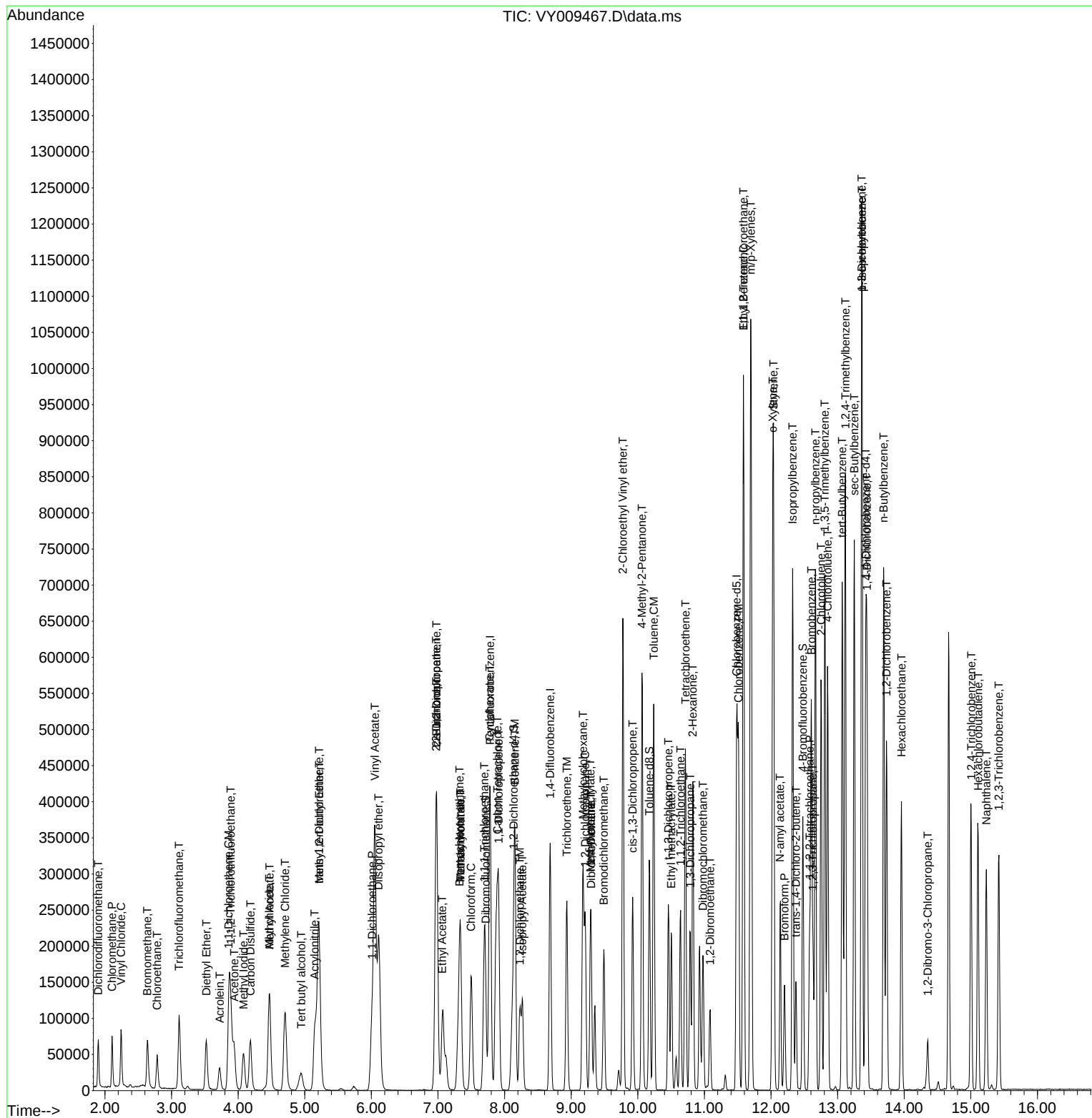
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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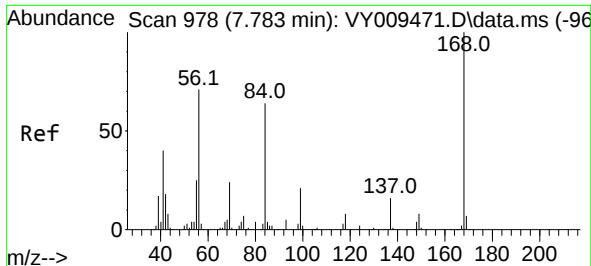
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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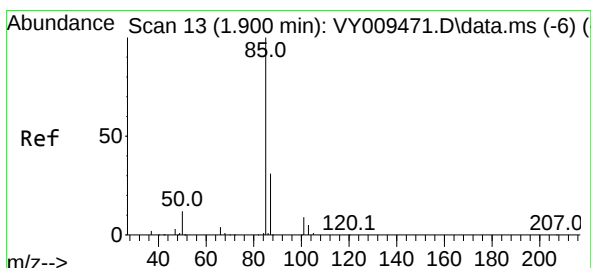
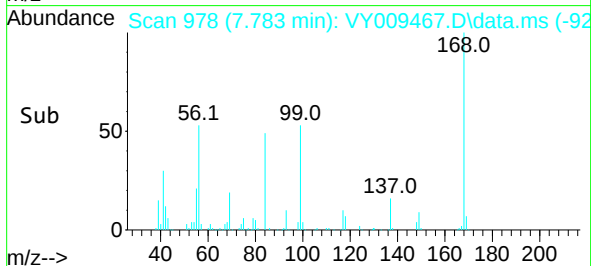
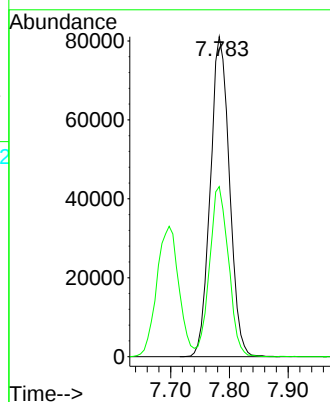
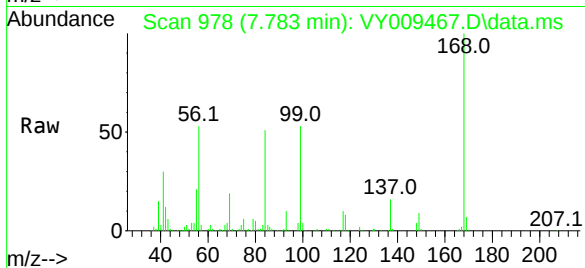




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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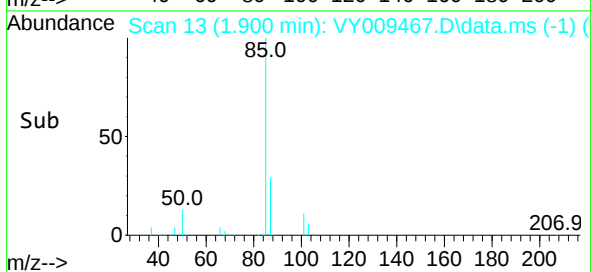
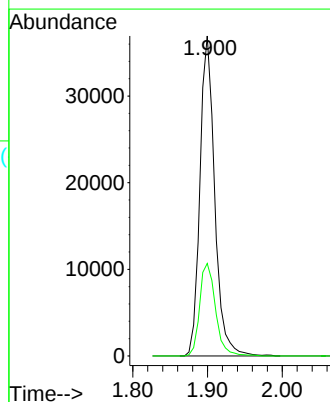
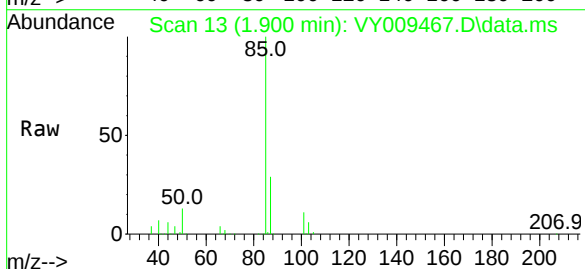
Instrument :
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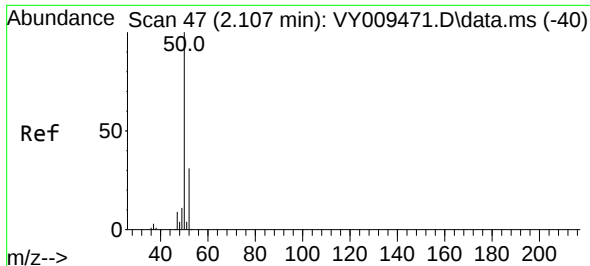
Tgt Ion:168 Resp: 183201
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 36.081 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 85 Resp: 50690
Ion Ratio Lower Upper
85 100
87 28.9 16.1 48.2

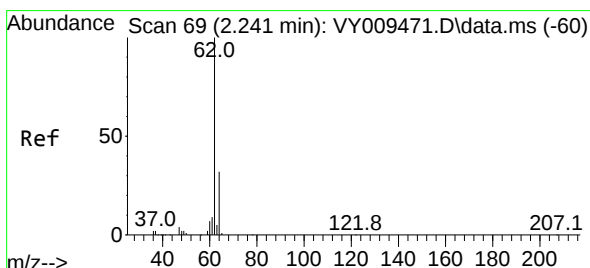
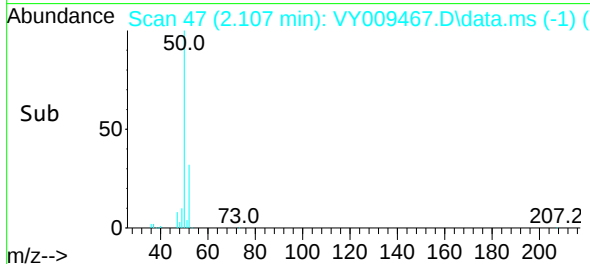
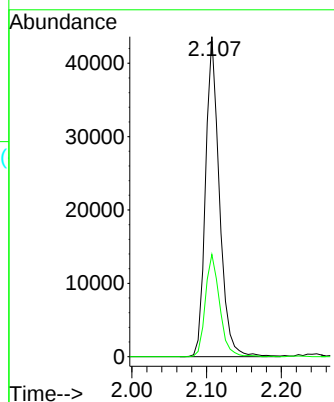
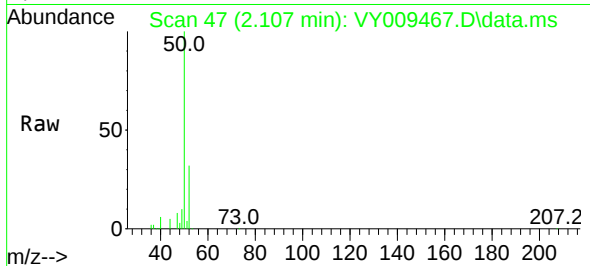




#3
Chloromethane
Concen: 35.851 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY009467.D
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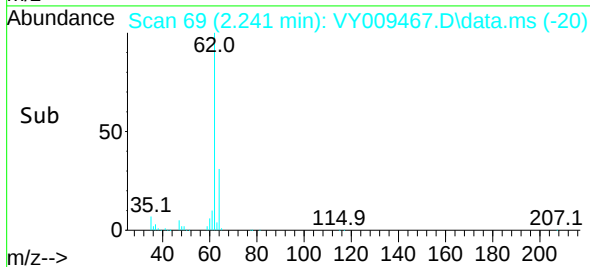
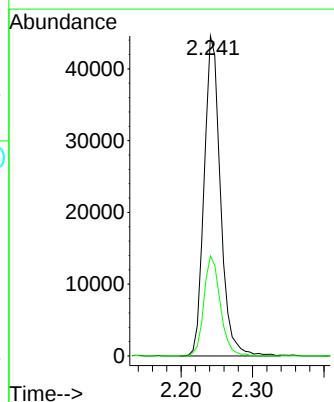
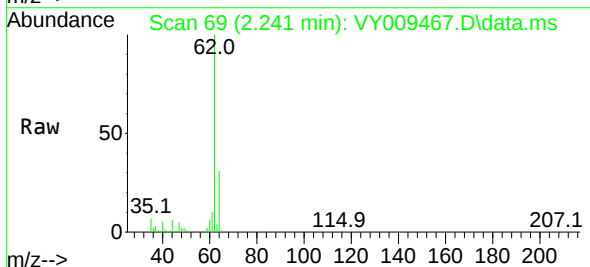
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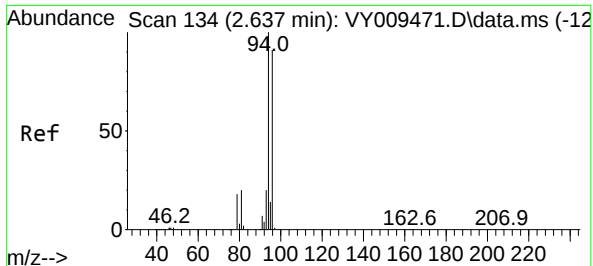
Tgt Ion: 50 Resp: 56246
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0



#4
Vinyl Chloride
Concen: 39.549 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
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Acq: 07 Jul 2022 12:37

Tgt Ion: 62 Resp: 70644
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6

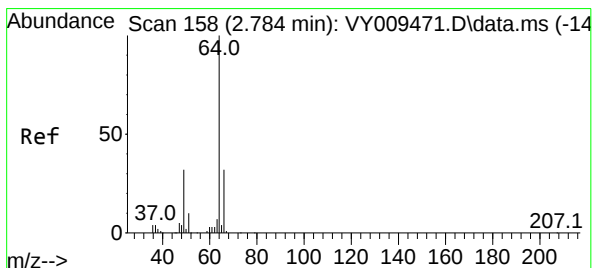
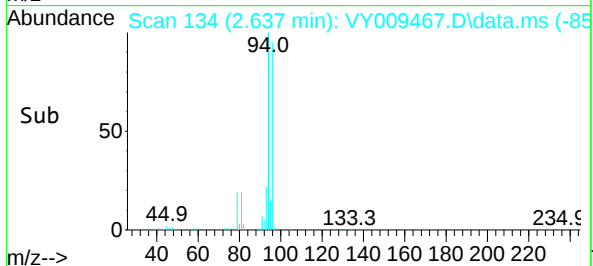
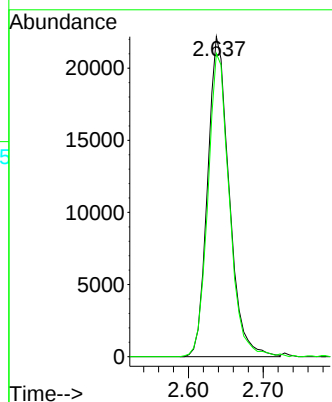
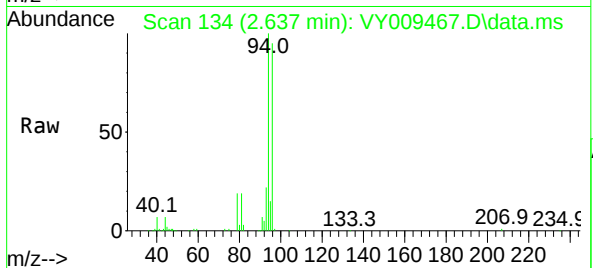




#5
Bromomethane
Concen: 34.628 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009467.D
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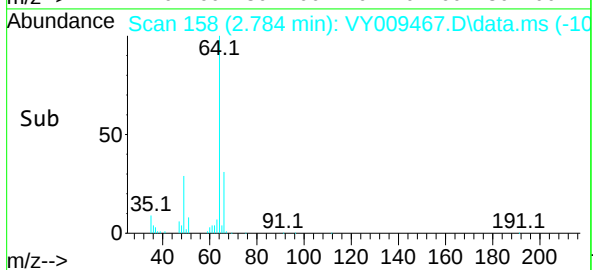
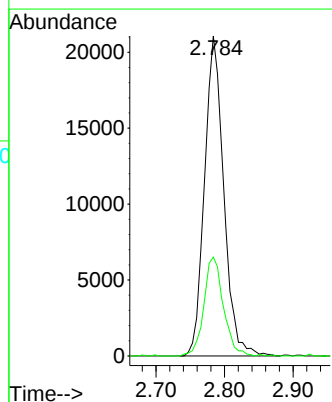
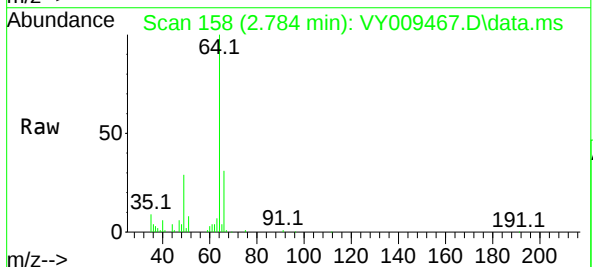
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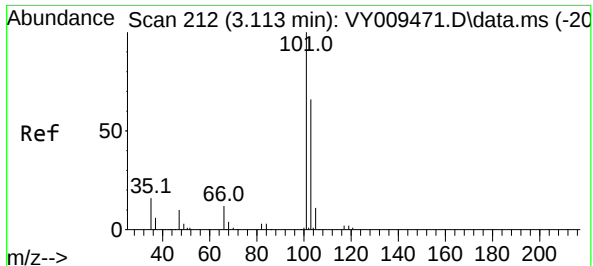
Tgt Ion: 94 Resp: 44437
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3



#6
Chloroethane
Concen: 39.520 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 41214
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0

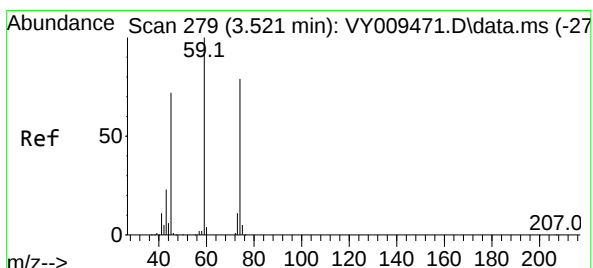
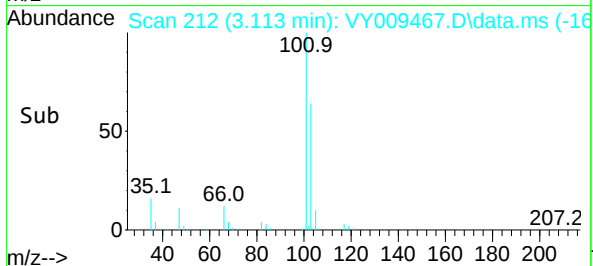
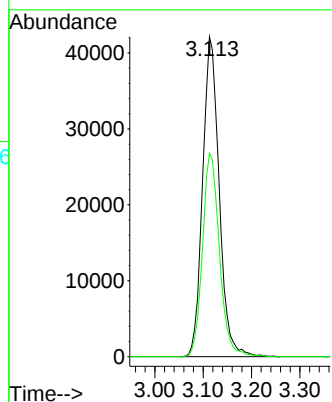
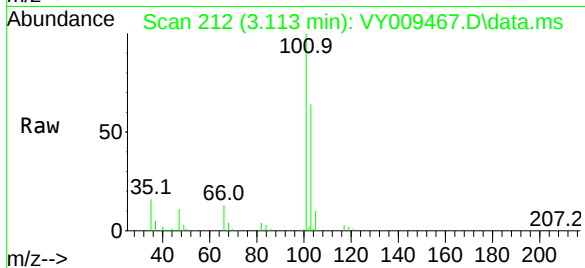




#7
 Trichlorofluoromethane
 Concen: 42.047 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009467.D
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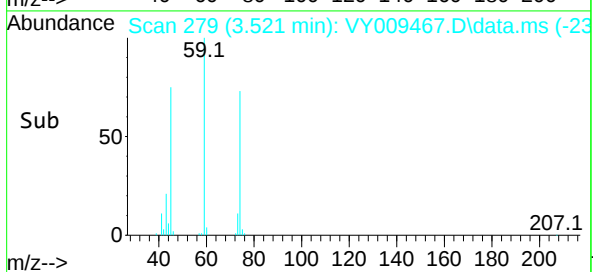
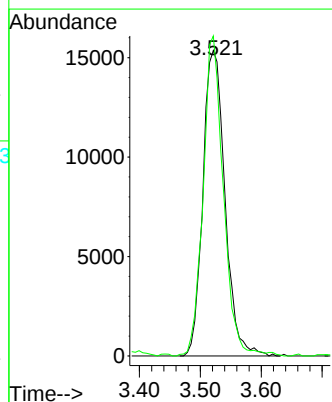
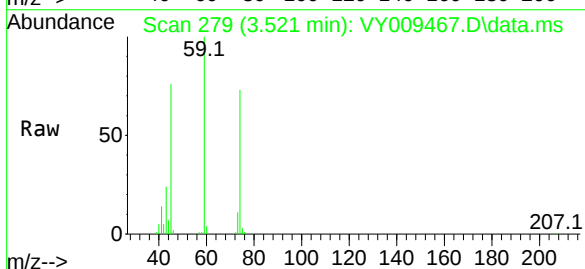
Instrument :
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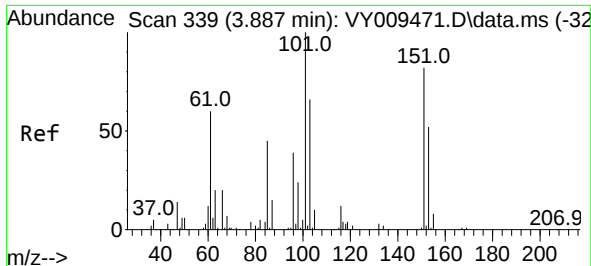
Tgt Ion:101 Resp: 100276
 Ion Ratio Lower Upper
 101 100
 103 63.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 42.353 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY009467.D
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Tgt Ion: 74 Resp: 38643
 Ion Ratio Lower Upper
 74 100
 45 96.4 55.1 165.5

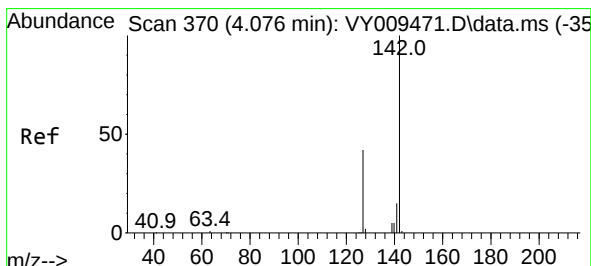
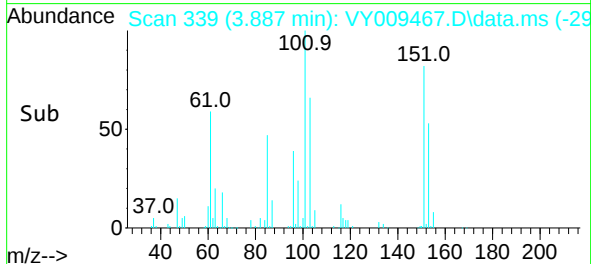
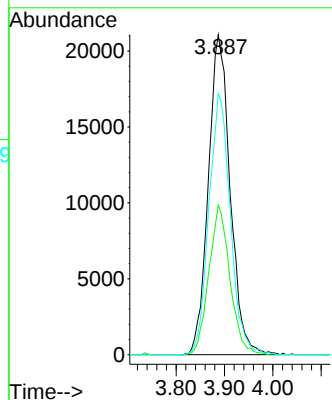
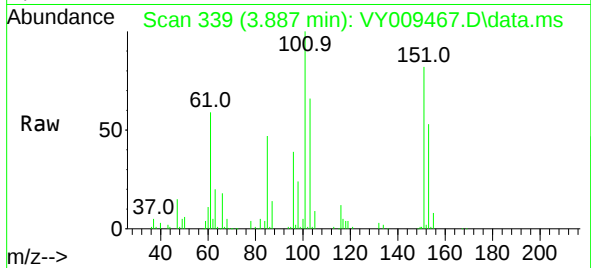




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.921 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

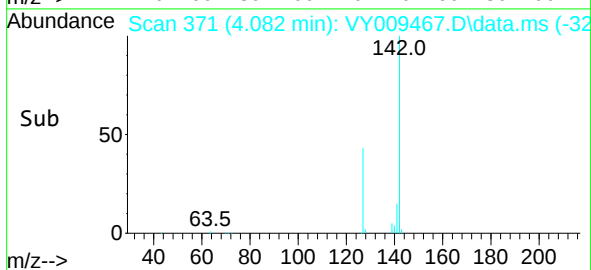
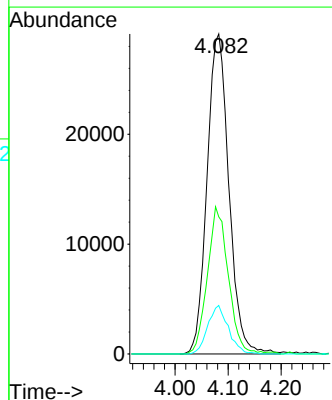
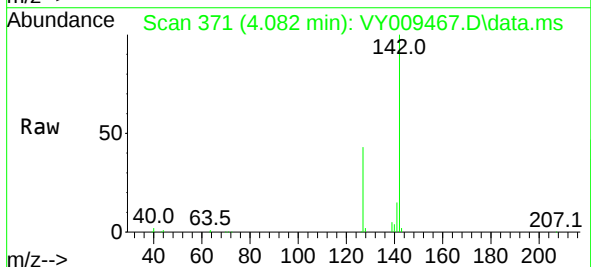
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

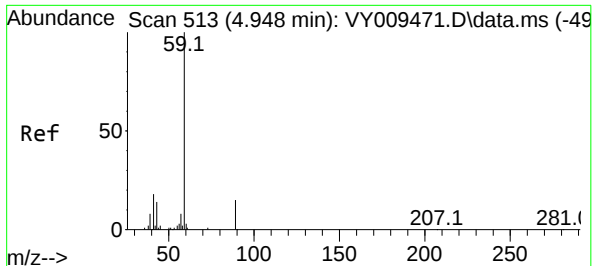
Tgt Ion:101 Resp: 66121
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 80.3 64.9 97.3



#10
Methyl Iodide
Concen: 43.480 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion:142 Resp: 83361
Ion Ratio Lower Upper
142 100
127 43.9 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 165.236 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

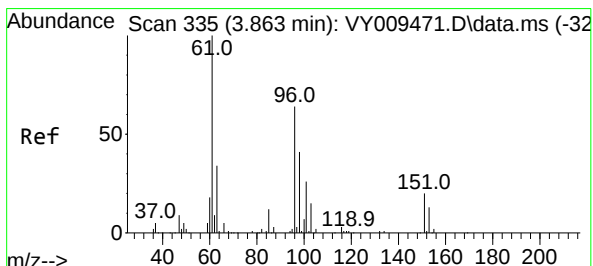
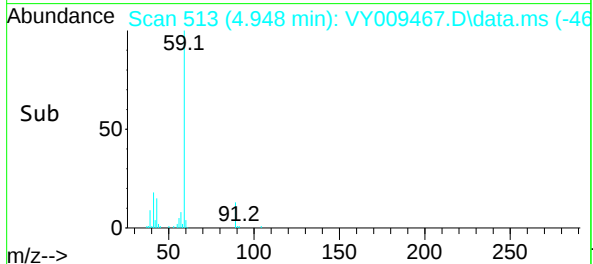
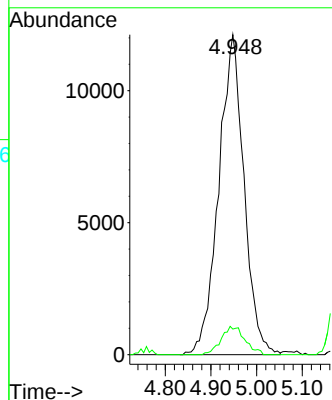
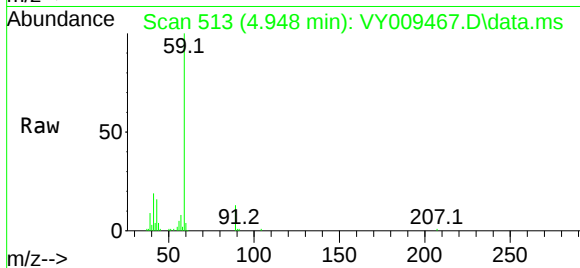
VSTDICCC050

Tgt Ion: 59 Resp: 46609

Ion Ratio Lower Upper

59 100

57 8.3 6.4 9.6



#12

1,1-Dichloroethene

Concen: 39.875 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

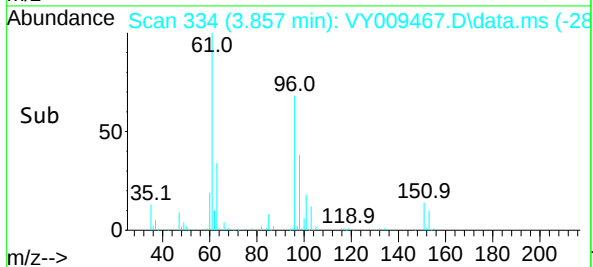
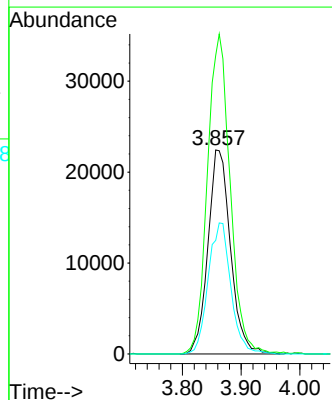
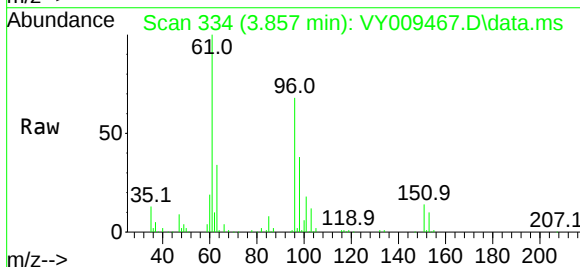
Tgt Ion: 96 Resp: 59760

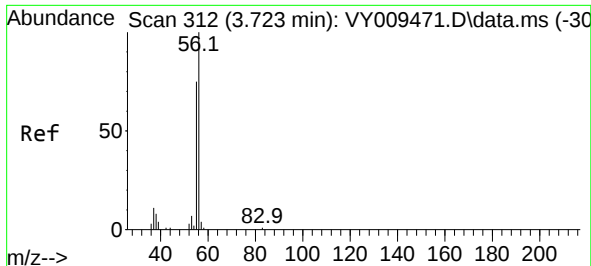
Ion Ratio Lower Upper

96 100

61 146.4 145.8 218.6

98 55.7 52.5 78.7





#13

Acrolein

Concen: 317.995 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

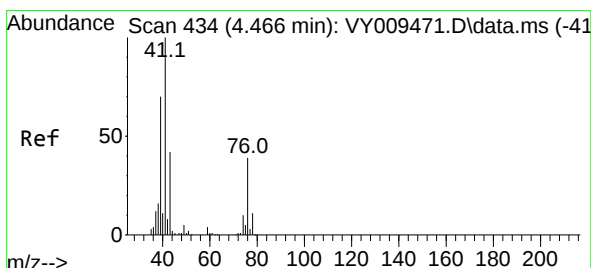
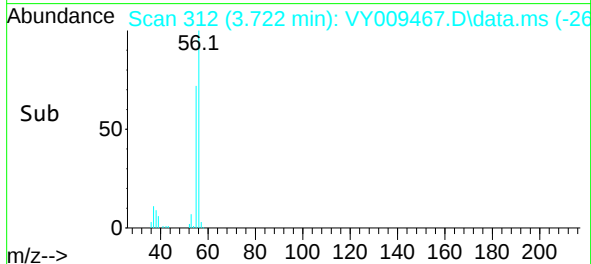
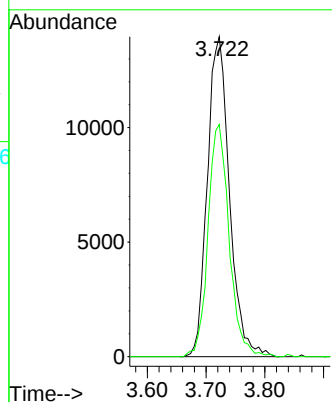
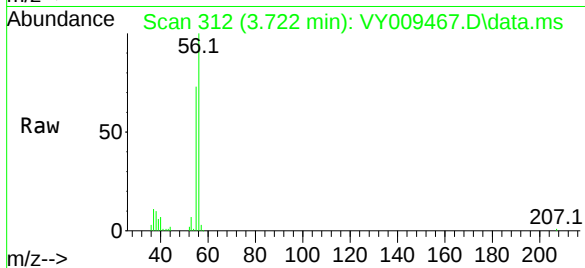
VSTDICCC050

Tgt Ion: 56 Resp: 36579

Ion Ratio Lower Upper

56 100

55 69.2 57.6 86.4



#14

Allyl chloride

Concen: 44.445 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

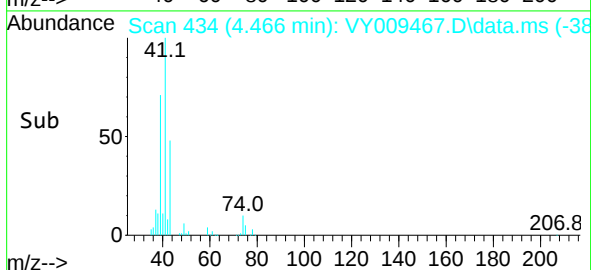
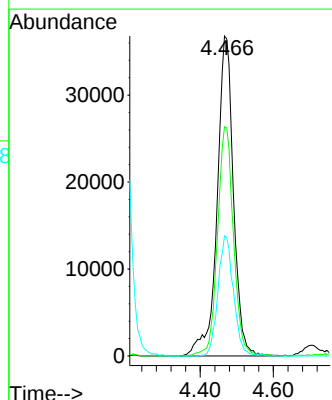
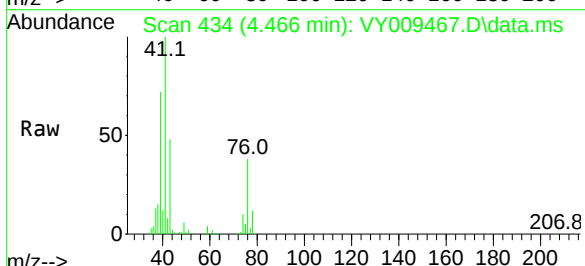
Tgt Ion: 41 Resp: 114603

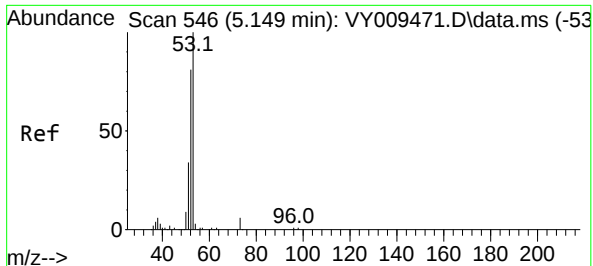
Ion Ratio Lower Upper

41 100

39 69.9 58.8 88.2

76 35.3 25.1 37.7

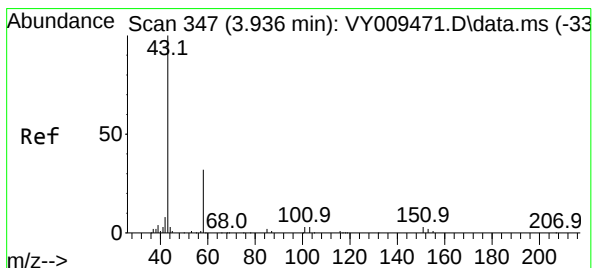
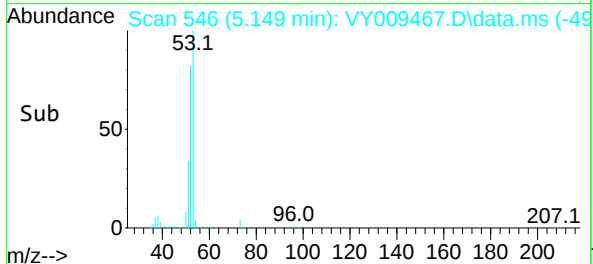
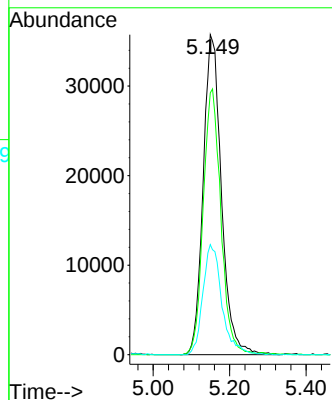
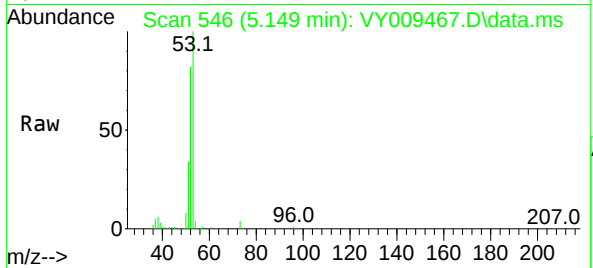




#15
Acrylonitrile
Concen: 235.781 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

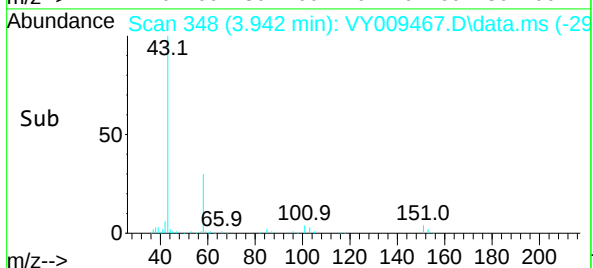
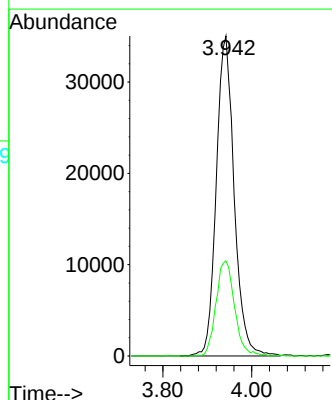
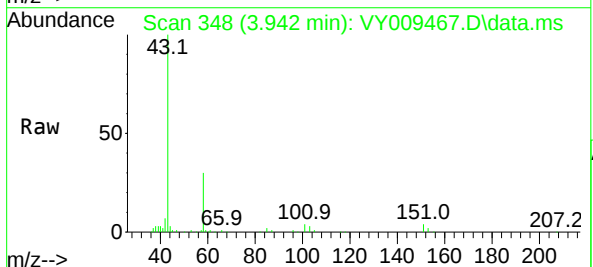
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

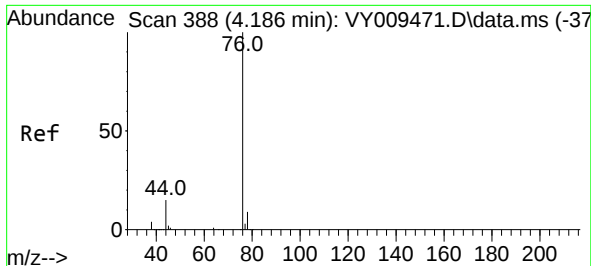
Tgt Ion: 53 Resp: 118372
Ion Ratio Lower Upper
53 100
52 80.3 67.0 100.4
51 35.8 29.8 44.6



#16
Acetone
Concen: 218.858 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 43 Resp: 97537
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0

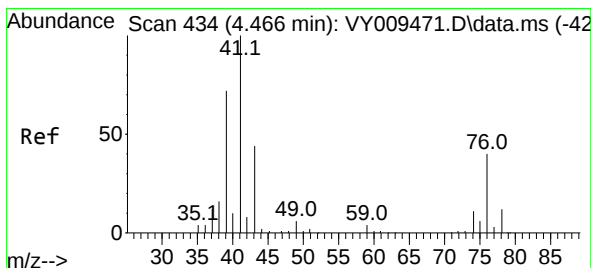
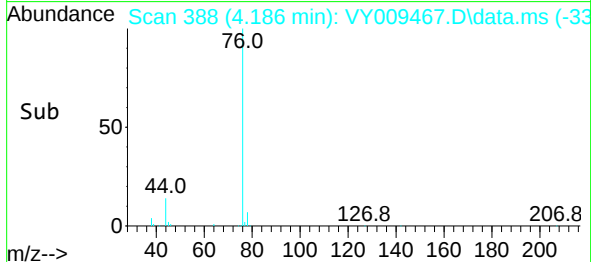
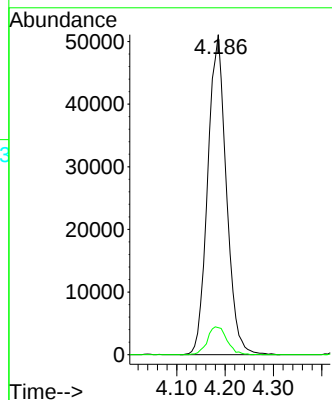
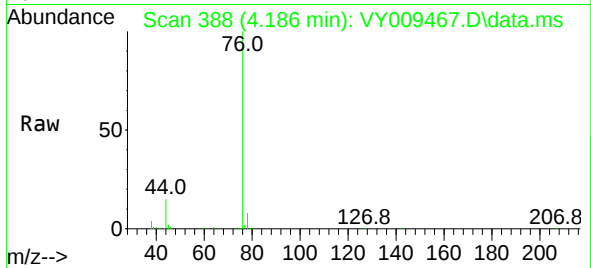




#17
Carbon Disulfide
Concen: 32.356 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

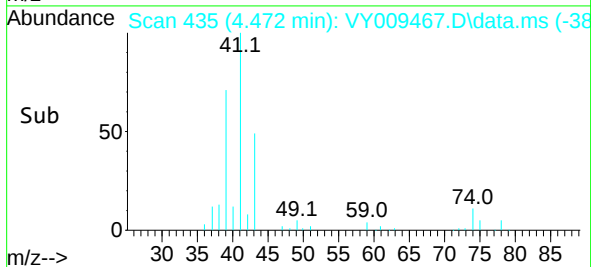
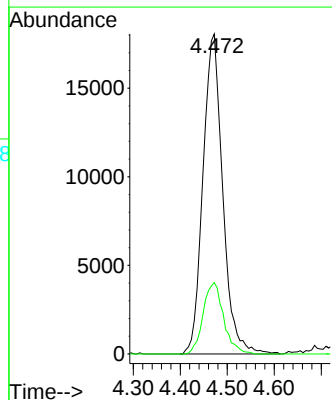
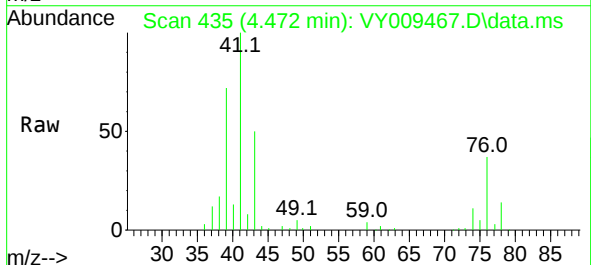
Instrument : MSVOA_Y
ClientSampleId : VSTDICCC050

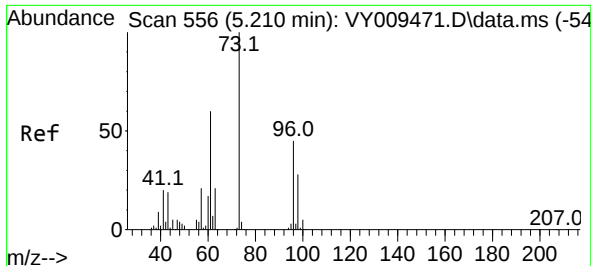
Tgt Ion: 76 Resp: 136480
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 40.320 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 43 Resp: 52759
Ion Ratio Lower Upper
43 100
74 23.1 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 47.236 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

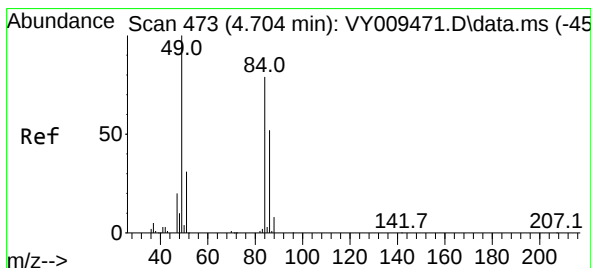
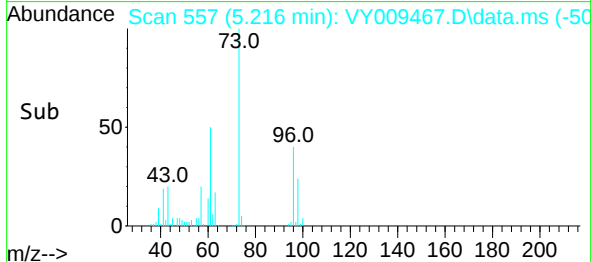
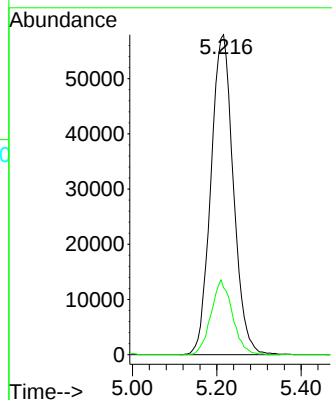
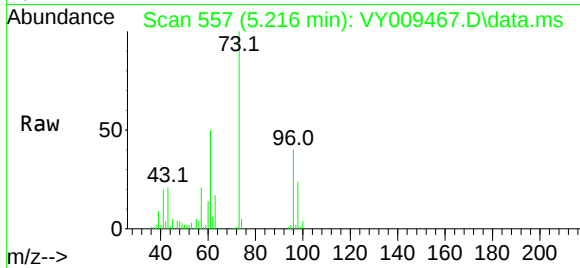
VSTDICCC050

Tgt Ion: 73 Resp: 214265

Ion Ratio Lower Upper

73 100

57 20.9 18.6 27.8



#20

Methylene Chloride

Concen: 32.287 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Tgt Ion: 84 Resp: 80996

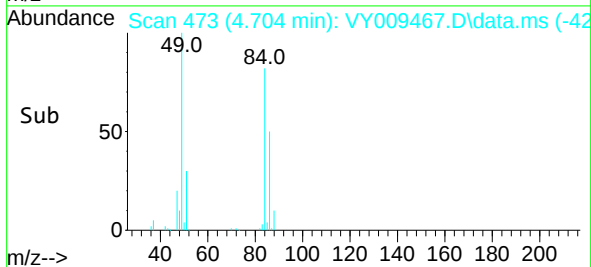
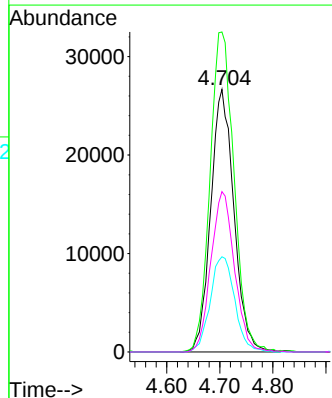
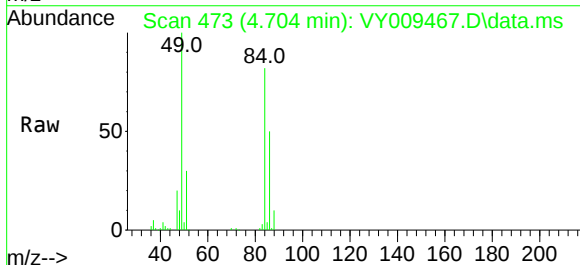
Ion Ratio Lower Upper

84 100

49 121.9 114.4 171.6

51 36.3 35.3 52.9

86 61.1 53.7 80.5

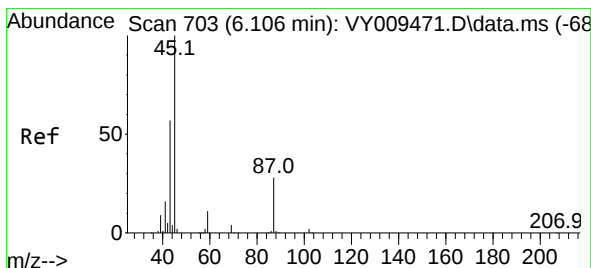
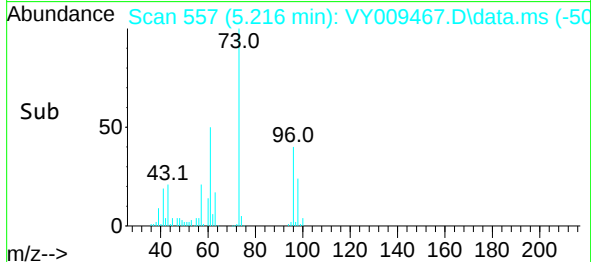
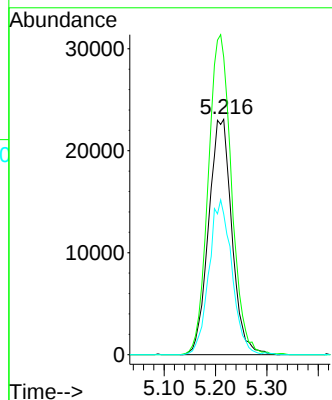
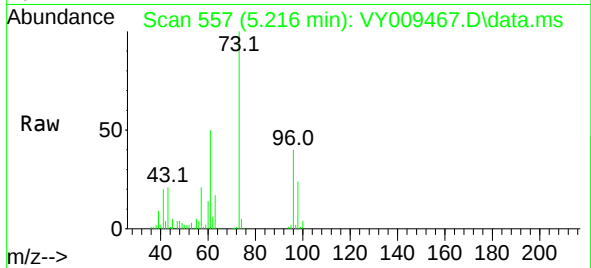




#21
trans-1,2-Dichloroethene
Concen: 41.386 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

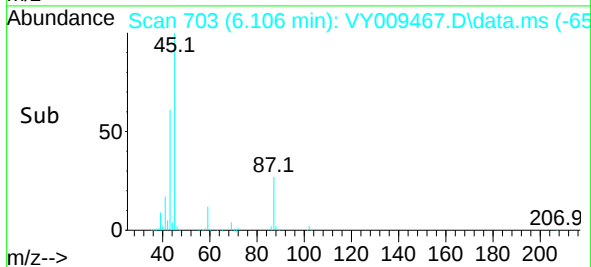
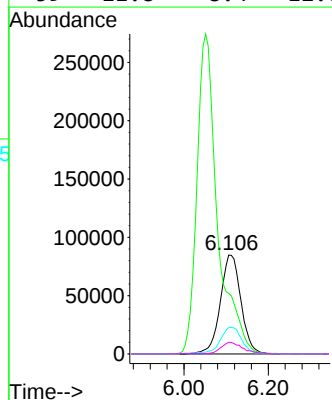
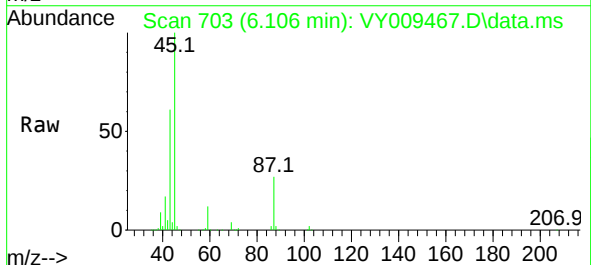
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

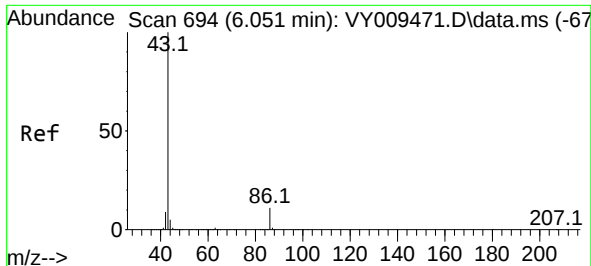
Tgt Ion: 96 Resp: 72676
Ion Ratio Lower Upper
96 100
61 126.3 120.5 180.7
98 59.8 49.8 74.8



#22
Diisopropyl ether
Concen: 52.448 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 45 Resp: 287519
Ion Ratio Lower Upper
45 100
43 61.1 49.3 73.9
87 26.8 19.2 28.8
59 11.8 8.4 12.6

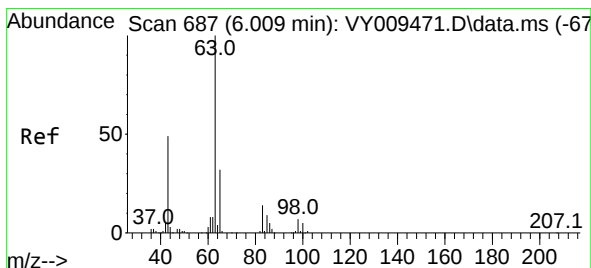
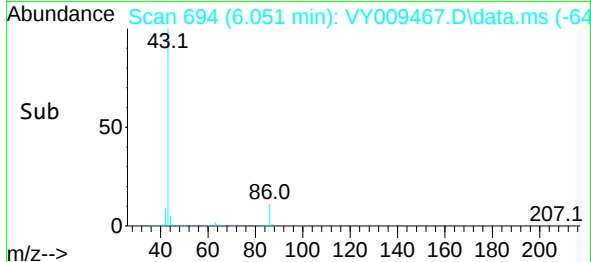
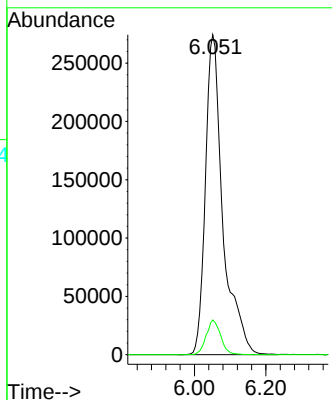
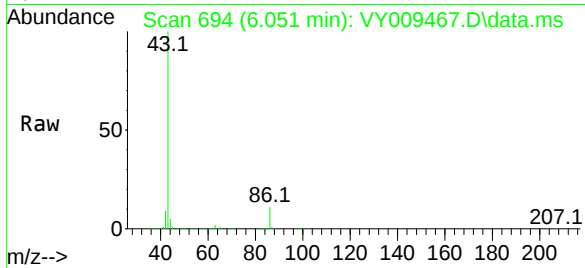




#23
 Vinyl Acetate
 Concen: 265.541 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY009467.D
 Acq: 07 Jul 2022 12:37

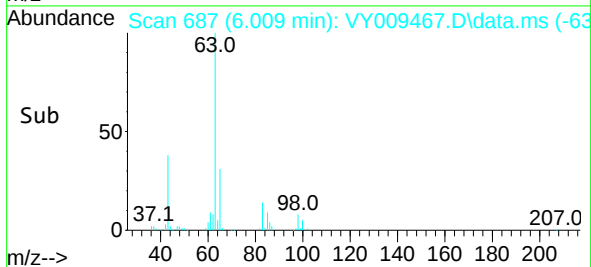
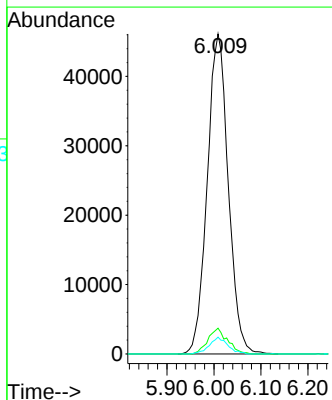
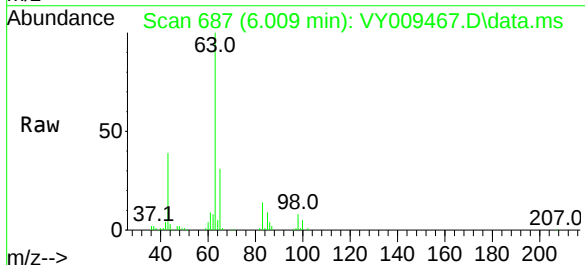
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

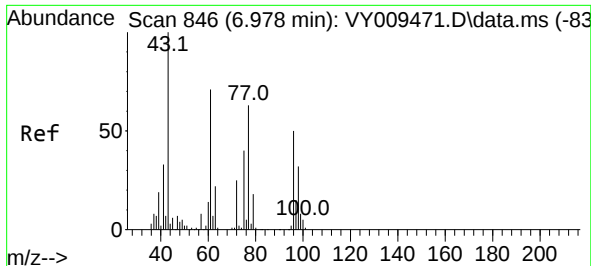
Tgt Ion: 43 Resp: 930750
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.379 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009467.D
 Acq: 07 Jul 2022 12:37

Tgt Ion: 63 Resp: 143379
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.2 2.0 5.8





#25

2-Butanone

Concen: 230.214 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

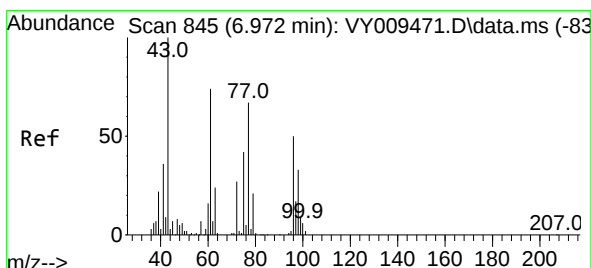
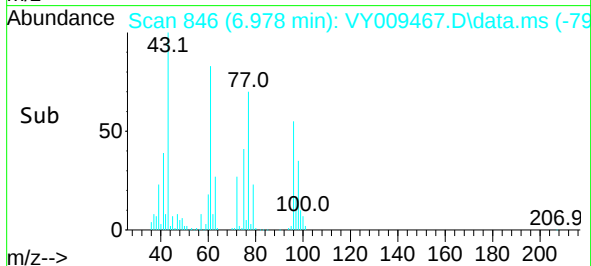
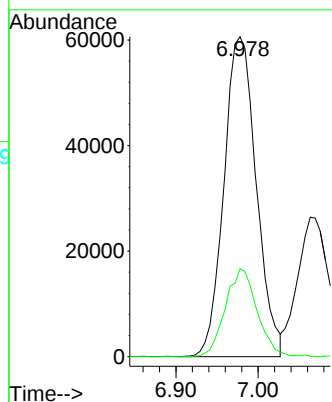
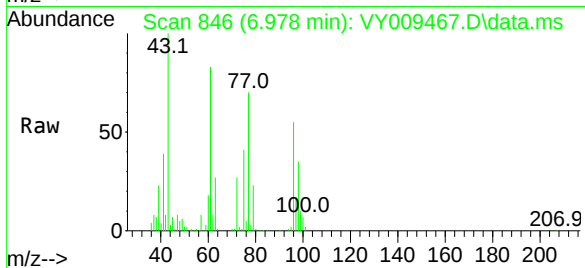
VSTDICCC050

Tgt Ion: 43 Resp: 165971

Ion Ratio Lower Upper

43 100

72 27.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 44.910 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009467.D

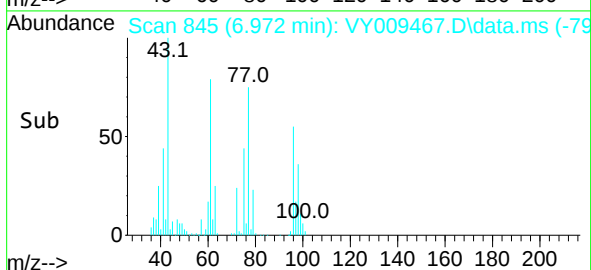
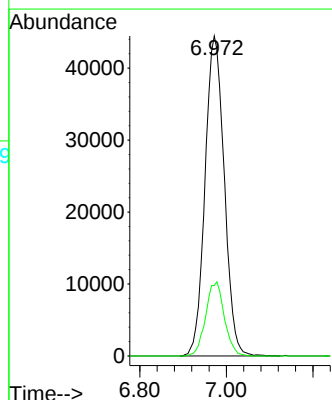
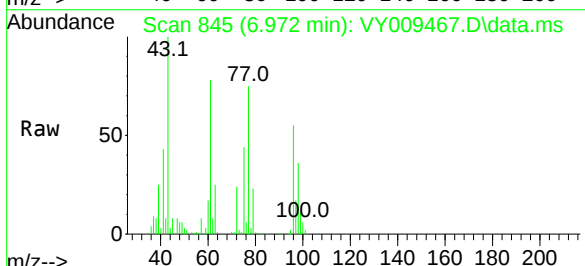
Acq: 07 Jul 2022 12:37

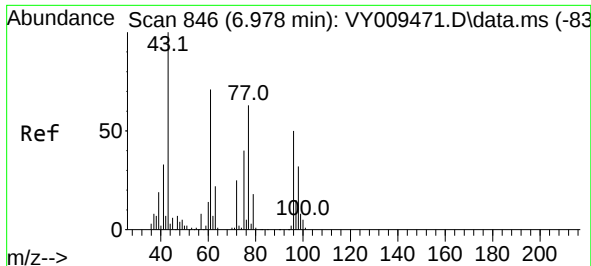
Tgt Ion: 77 Resp: 136836

Ion Ratio Lower Upper

77 100

97 22.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 45.310 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

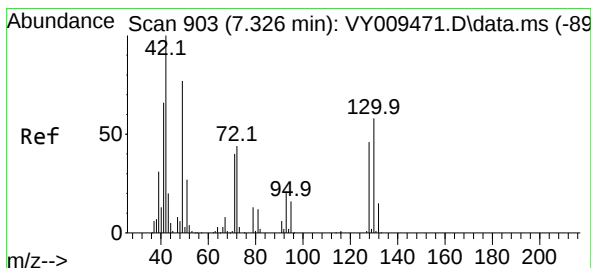
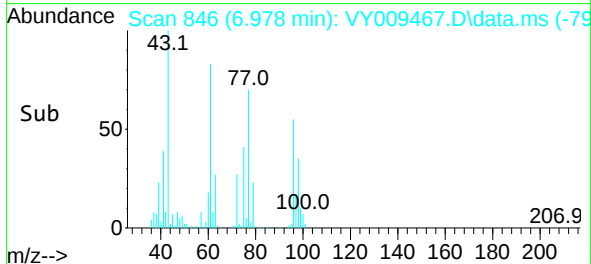
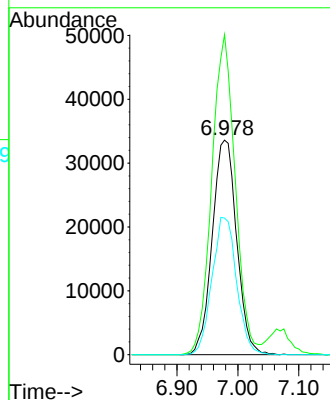
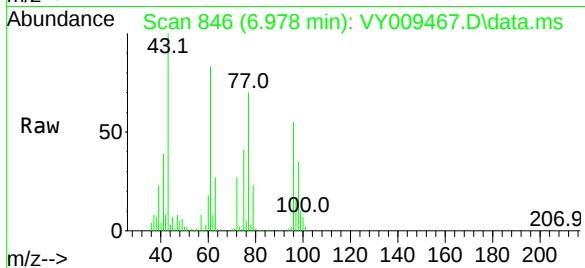
Tgt Ion: 96 Resp: 93673

Ion Ratio Lower Upper

96 100

61 142.8 0.0 319.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 53.864 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

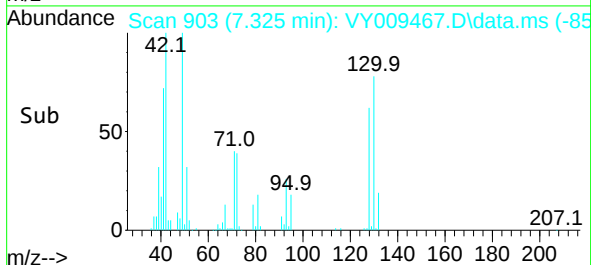
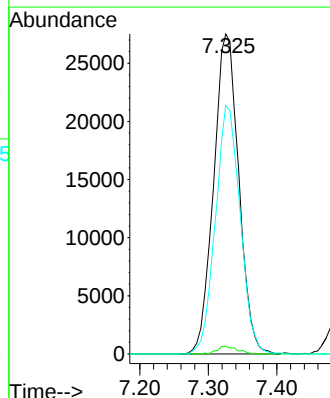
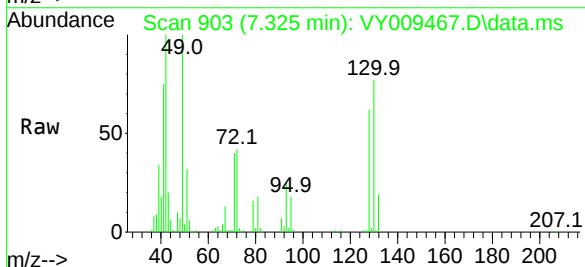
Tgt Ion: 49 Resp: 69987

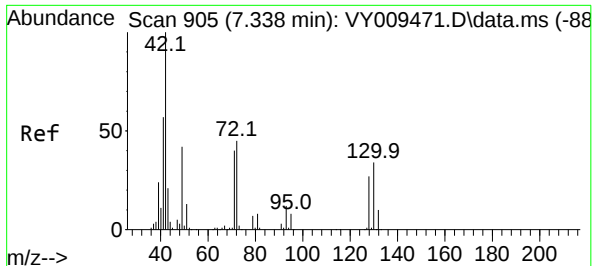
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 76.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 234.341 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

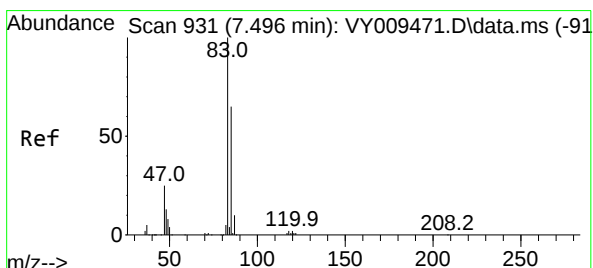
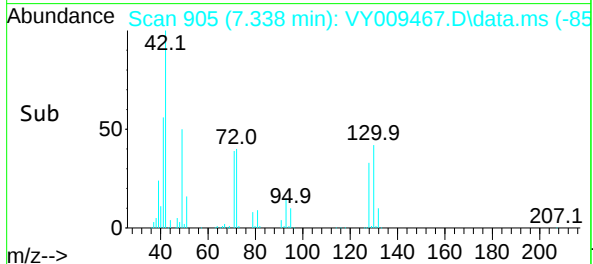
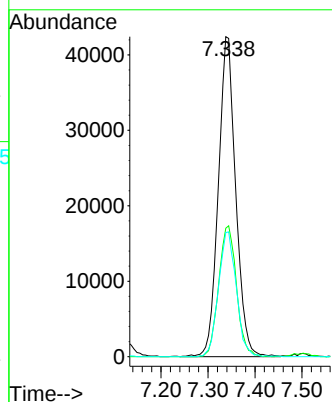
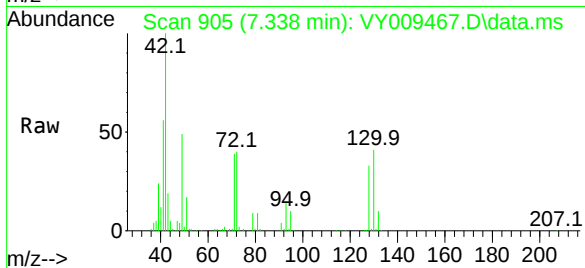
Tgt Ion: 42 Resp: 109274

Ion Ratio Lower Upper

42 100

72 41.9 30.3 45.5

71 39.8 29.0 43.4



#30

Chloroform

Concen: 45.399 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009467.D

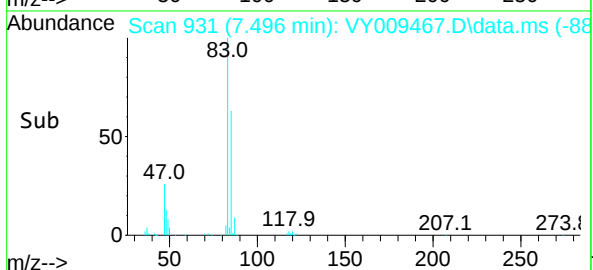
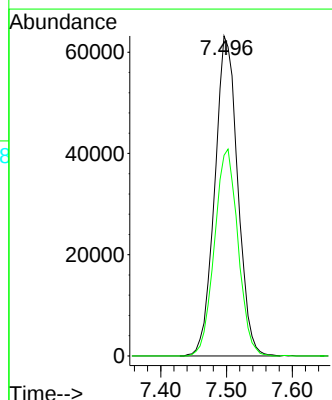
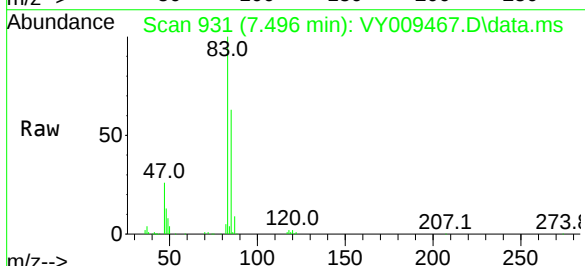
Acq: 07 Jul 2022 12:37

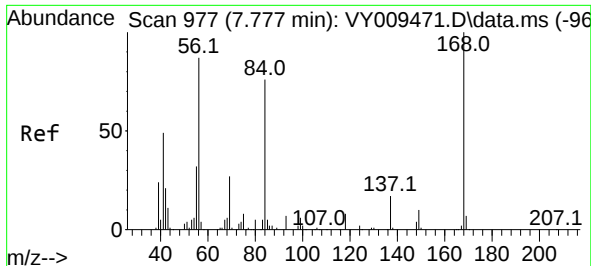
Tgt Ion: 83 Resp: 153605

Ion Ratio Lower Upper

83 100

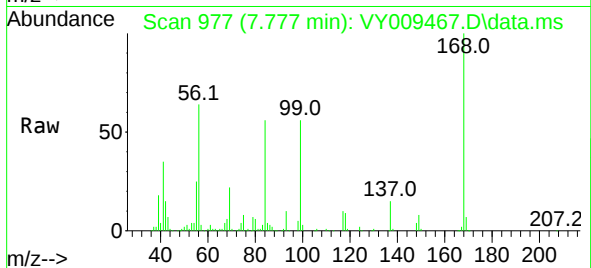
85 62.7 51.8 77.6



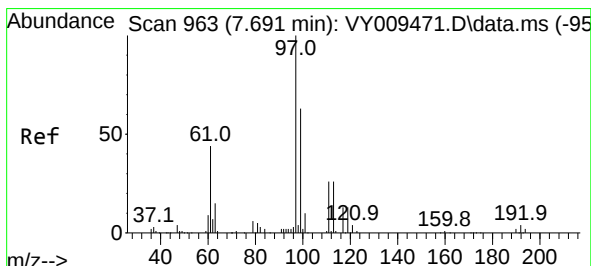
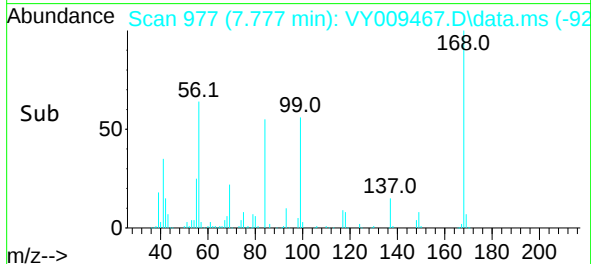
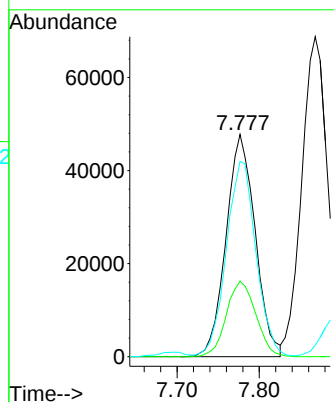


#31
Cyclohexane
Concen: 39.152 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

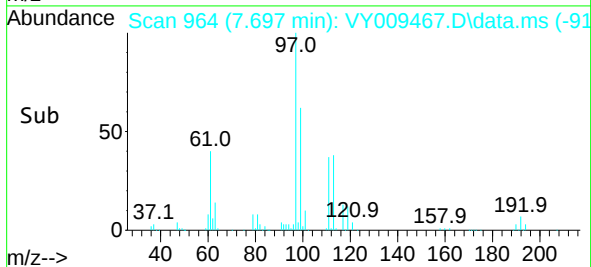
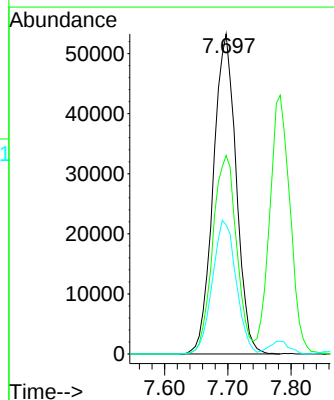
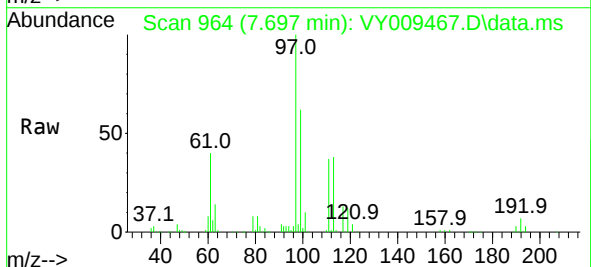


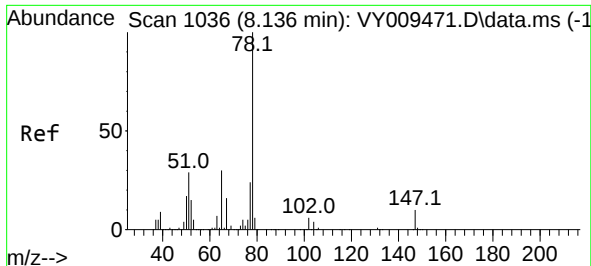
Tgt Ion: 56 Resp: 117677
Ion Ratio Lower Upper
56 100
69 34.0 26.7 40.1
84 85.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 44.926 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 97 Resp: 134012
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 43.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 38.726 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

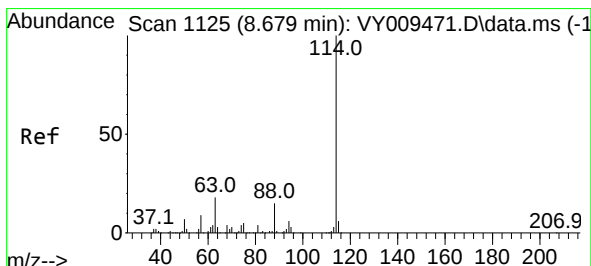
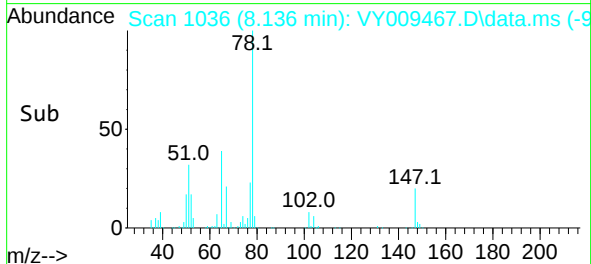
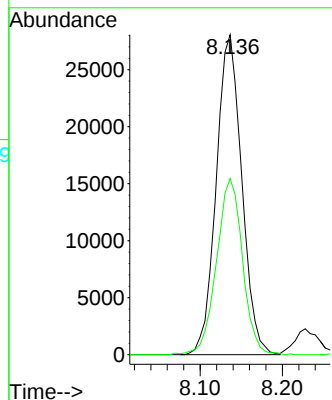
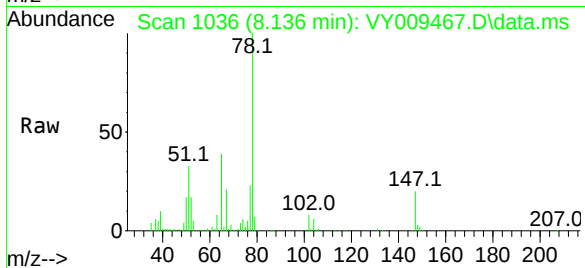
VSTDICCC050

Tgt Ion: 65 Resp: 60648

Ion Ratio Lower Upper

65 100

67 56.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

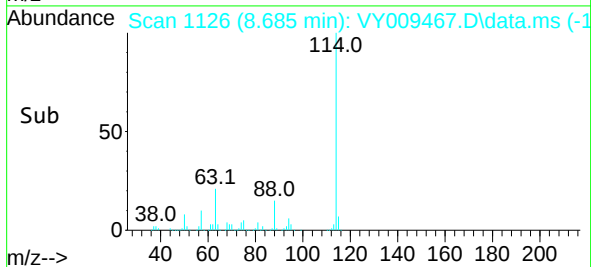
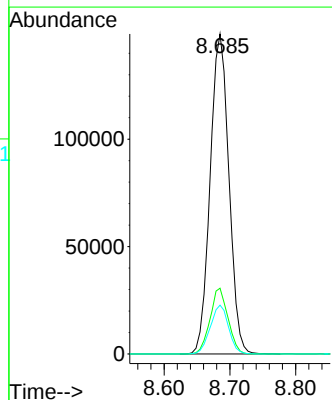
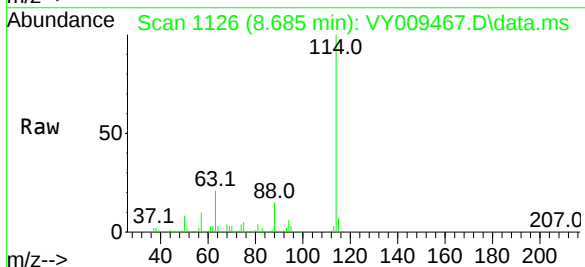
Tgt Ion: 114 Resp: 295423

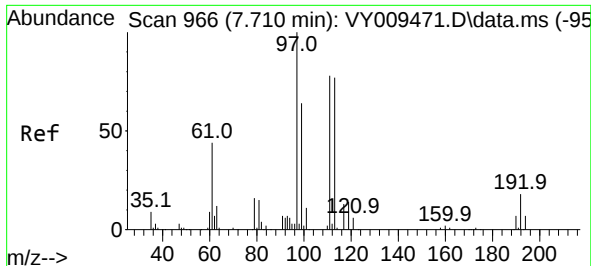
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.2 0.0 31.8

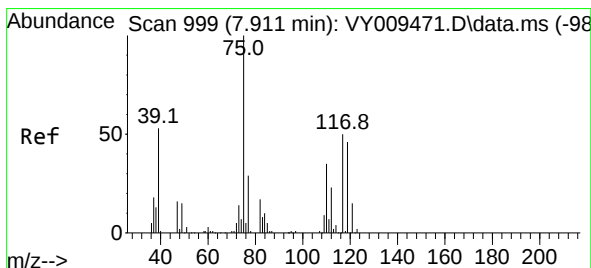
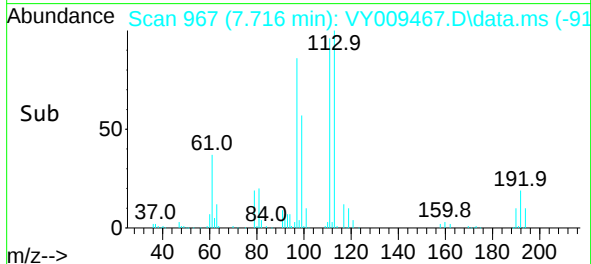
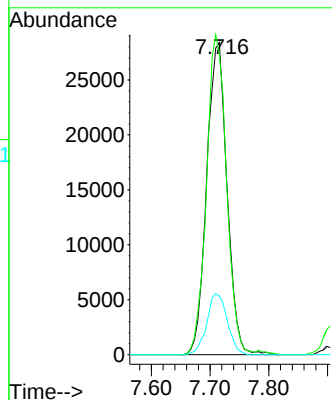
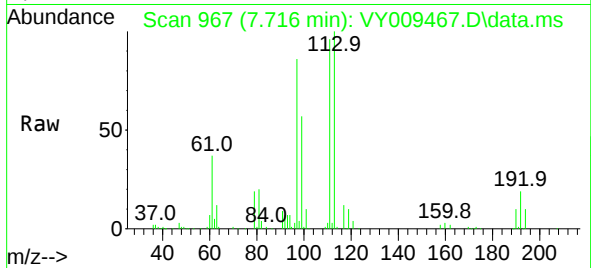




#35
Dibromofluoromethane
Concen: 43.936 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

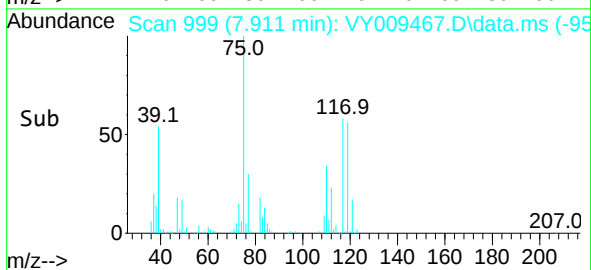
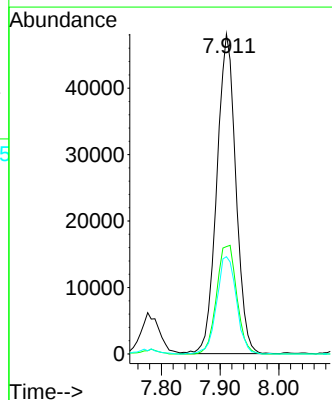
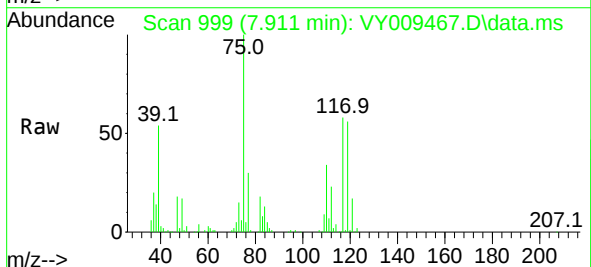
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

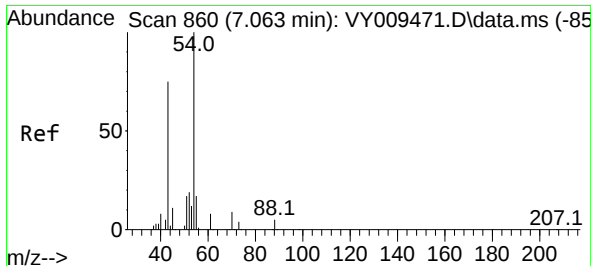
Tgt Ion:113 Resp: 68296
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 42.738 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 75 Resp: 108156
Ion Ratio Lower Upper
75 100
110 36.1 17.1 51.2
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 45.444 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

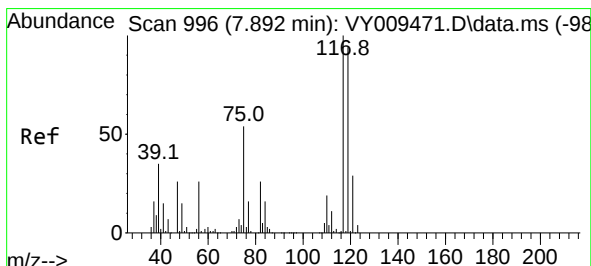
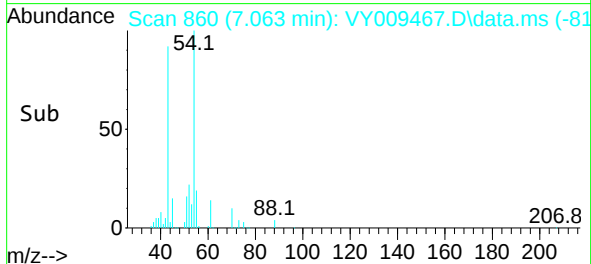
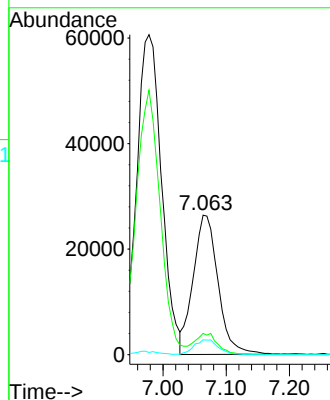
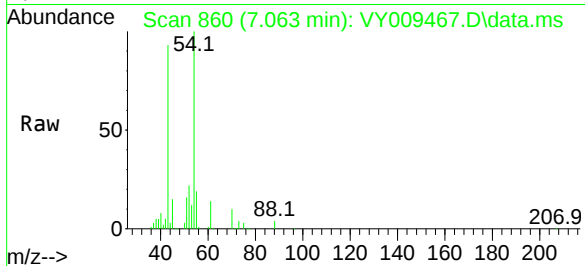
Tgt Ion: 43 Resp: 72088

Ion Ratio Lower Upper

43 100

61 14.9 9.7 14.5#

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 44.198 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

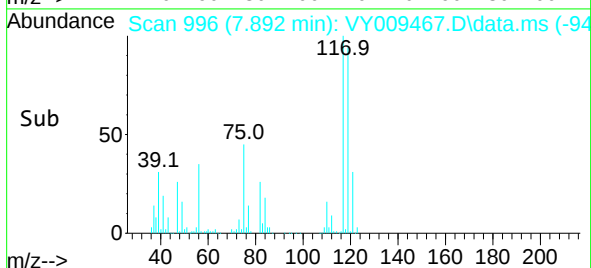
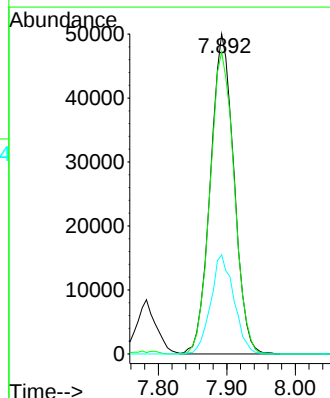
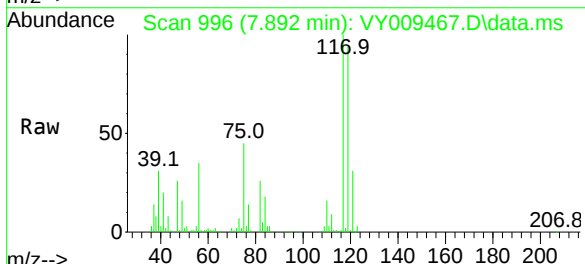
Tgt Ion: 117 Resp: 119621

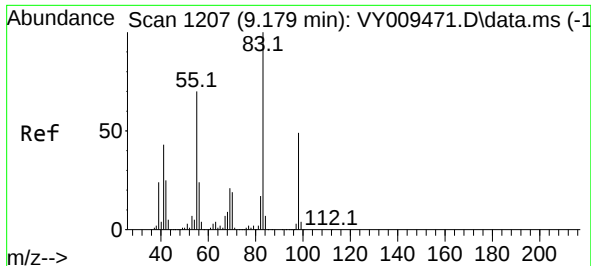
Ion Ratio Lower Upper

117 100

119 94.4 77.9 116.9

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 41.547 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

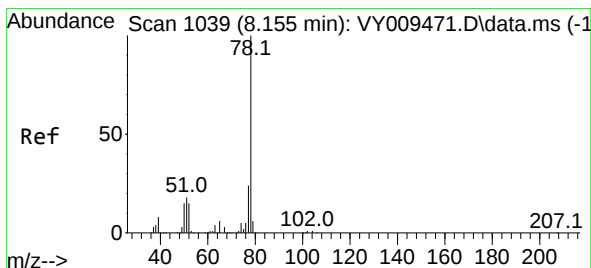
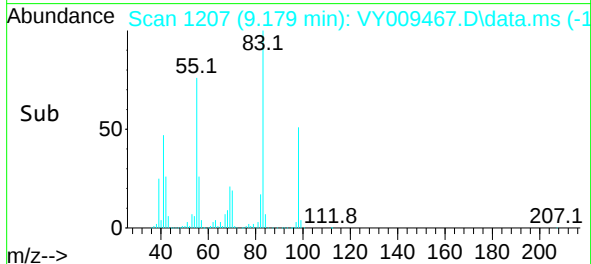
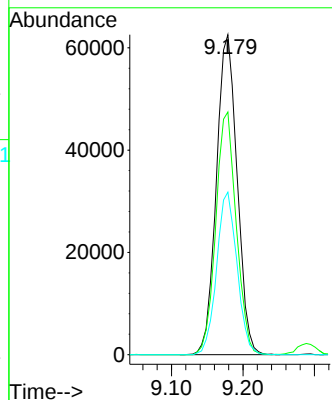
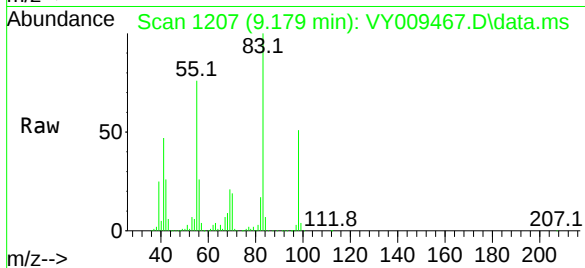
Tgt Ion: 83 Resp: 126207

Ion Ratio Lower Upper

83 100

55 75.9 66.5 99.7

98 50.8 37.9 56.9



#40

Benzene

Concen: 44.324 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009467.D

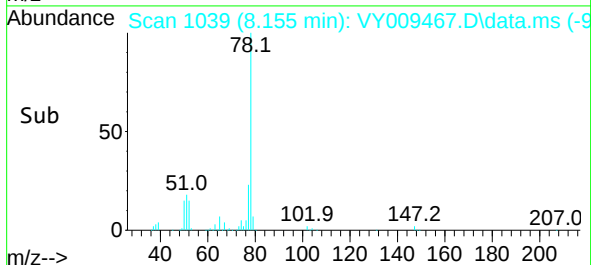
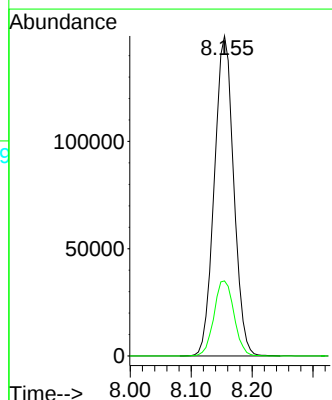
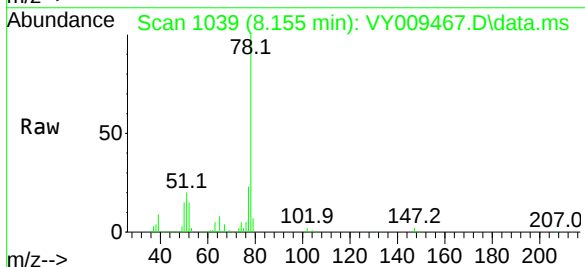
Acq: 07 Jul 2022 12:37

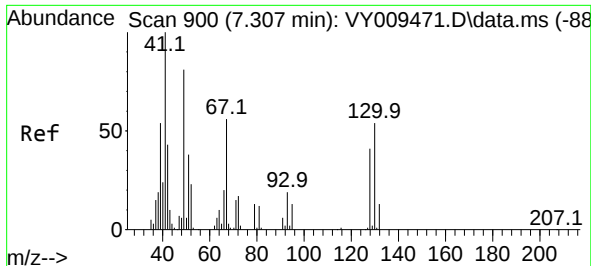
Tgt Ion: 78 Resp: 329384

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

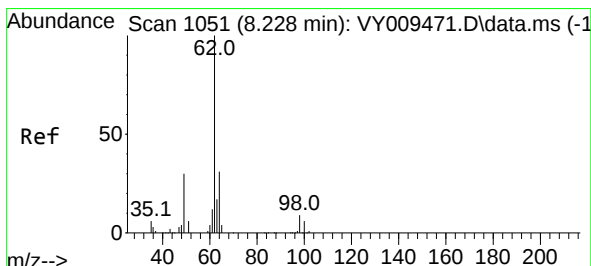
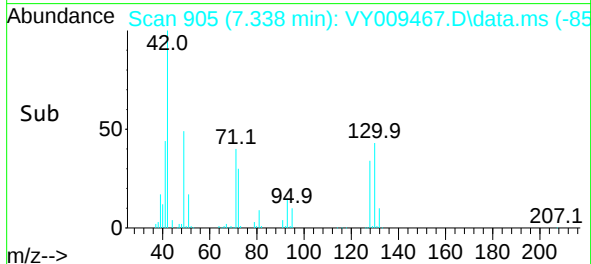
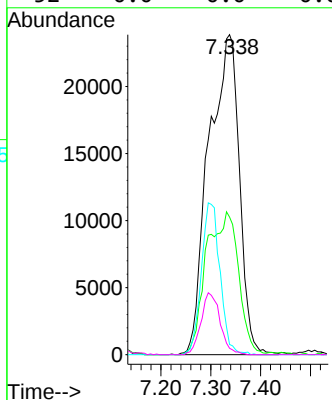
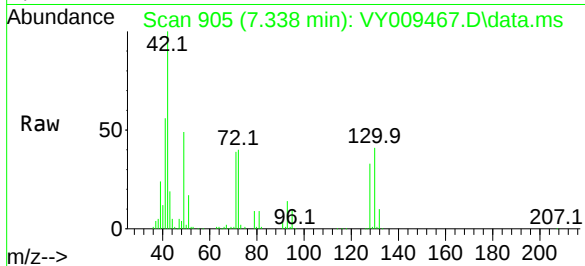




#41
Methacrylonitrile
Concen: 68.801 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

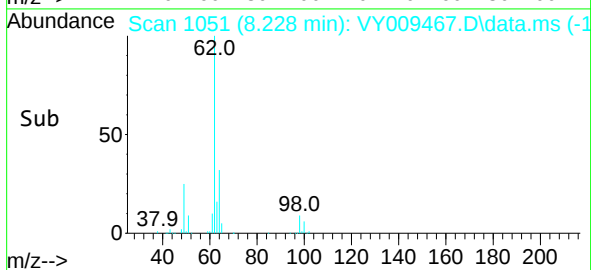
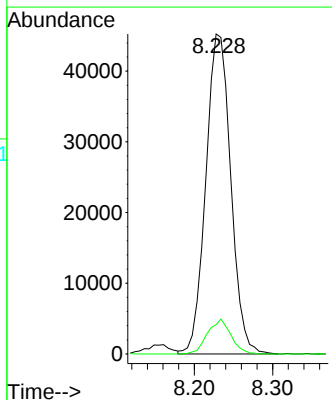
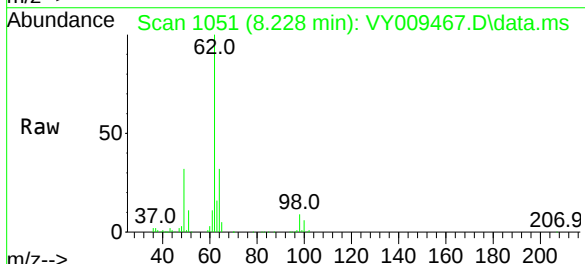
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

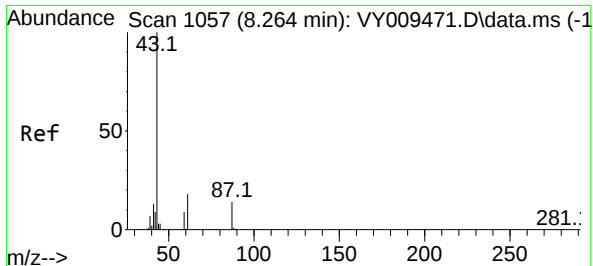
Tgt Ion: 41 Resp: 101496
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 44.946 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 62 Resp: 100274
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8





#43

Isopropyl Acetate

Concen: 47.491 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

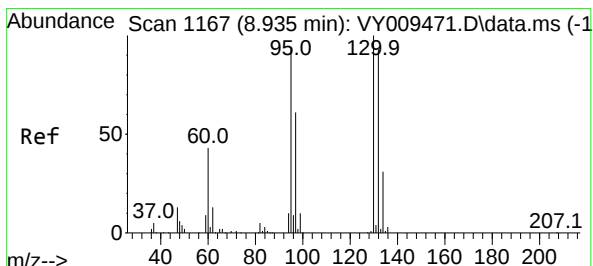
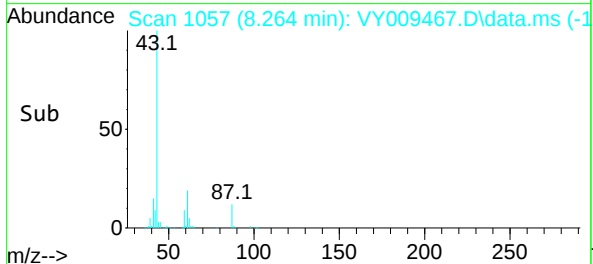
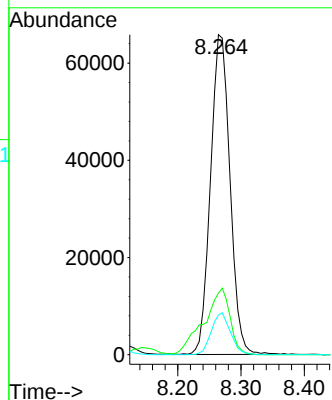
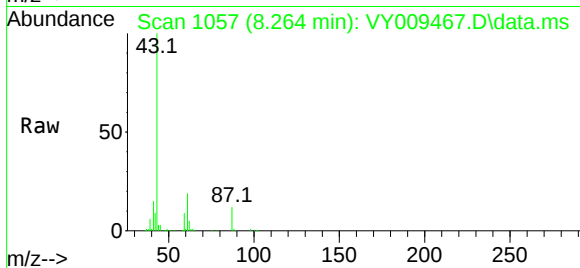
Tgt Ion: 43 Resp: 140565

Ion Ratio Lower Upper

43 100

61 28.1 20.2 30.2

87 12.8 8.9 13.3



#44

Trichloroethene

Concen: 43.699 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY009467.D

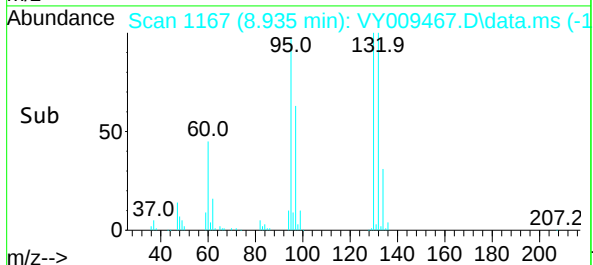
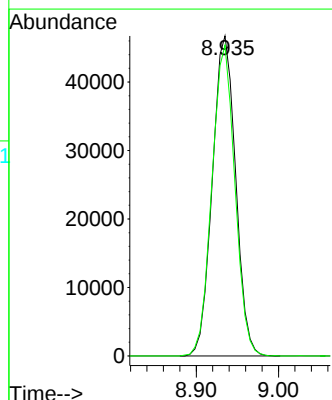
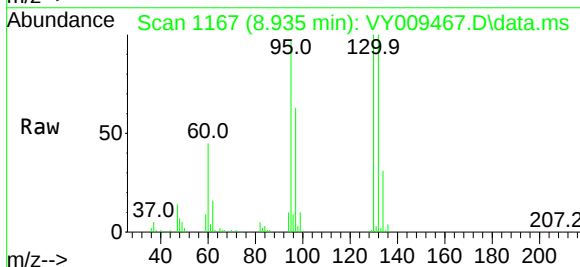
Acq: 07 Jul 2022 12:37

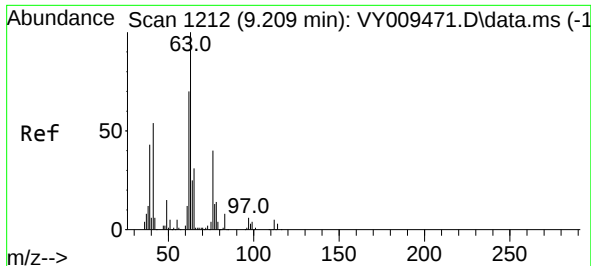
Tgt Ion:130 Resp: 91737

Ion Ratio Lower Upper

130 100

95 97.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 47.089 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

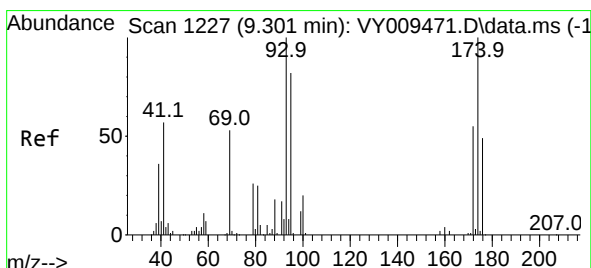
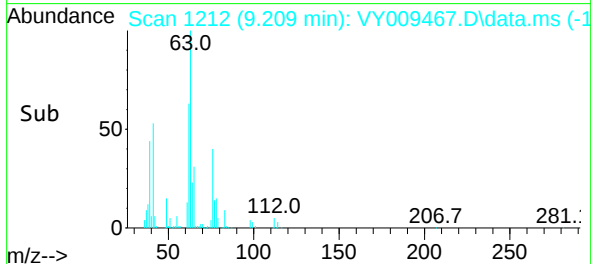
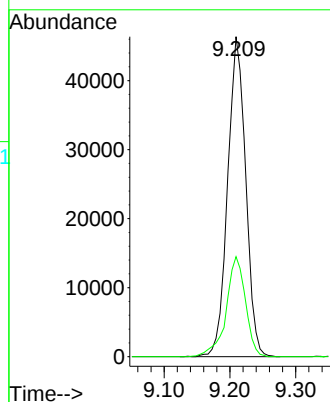
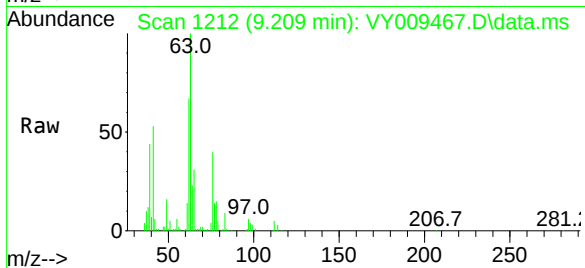
VSTDICCC050

Tgt Ion: 63 Resp: 88557

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 46.119 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

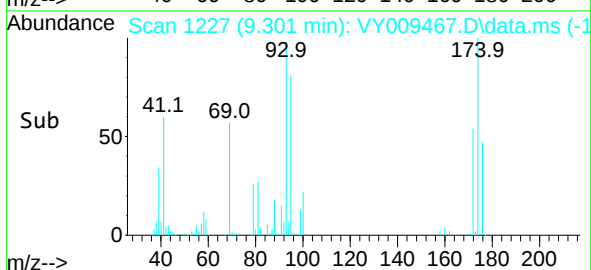
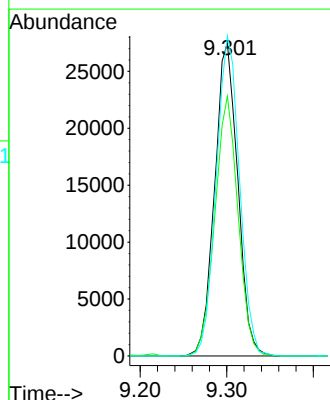
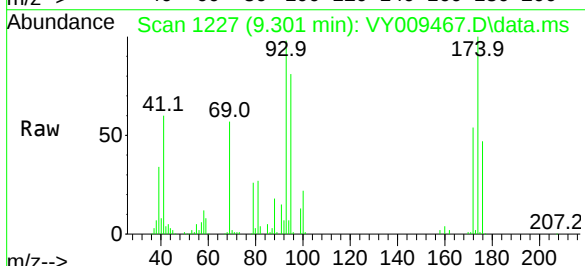
Tgt Ion: 93 Resp: 50905

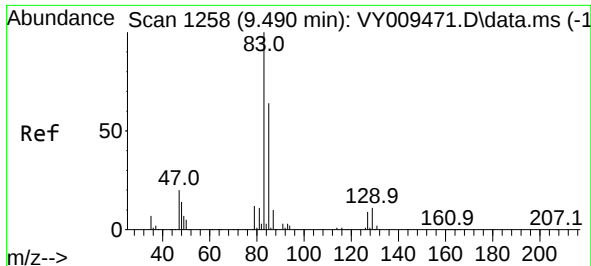
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 103.4 83.4 125.0

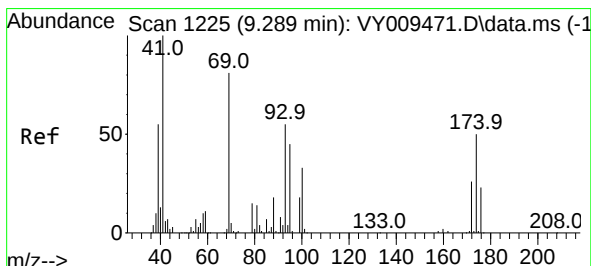
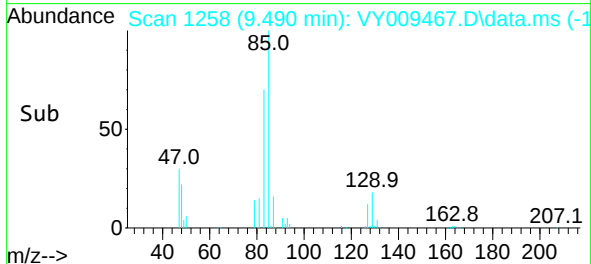
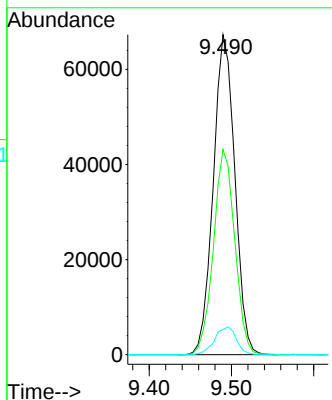
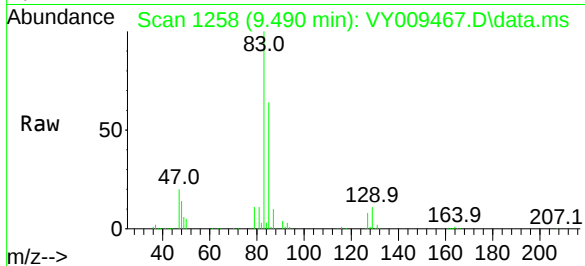




#47
Bromodichloromethane
Concen: 46.685 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

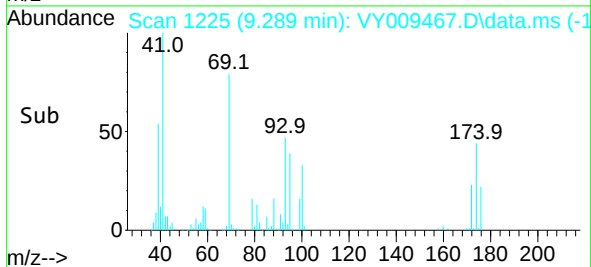
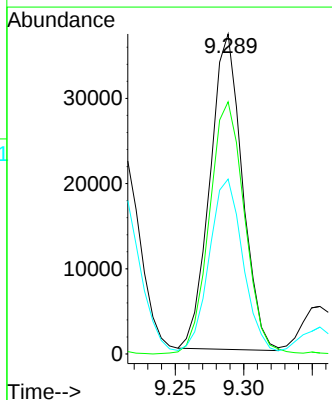
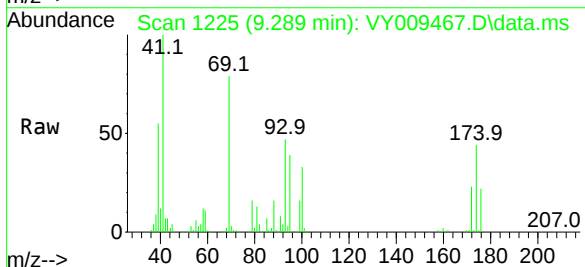
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

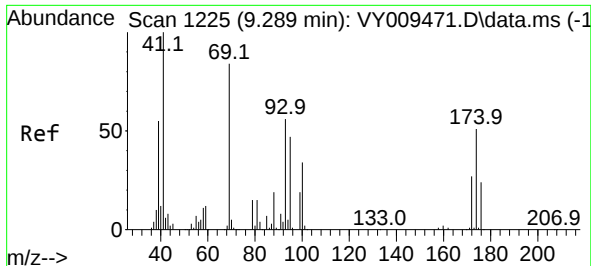
Tgt Ion: 83 Resp: 122652
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 47.598 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 41 Resp: 60698
Ion Ratio Lower Upper
41 100
69 87.1 58.2 87.2
39 58.6 47.4 71.0





#49

1,4-Dioxane

Concen: 916.946 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009467.D

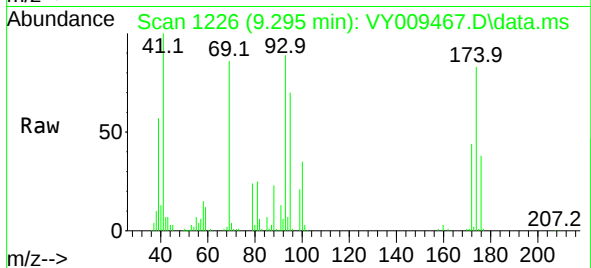
Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050



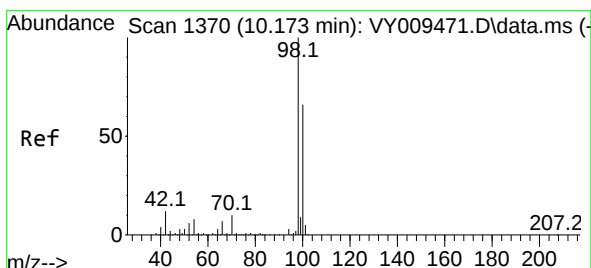
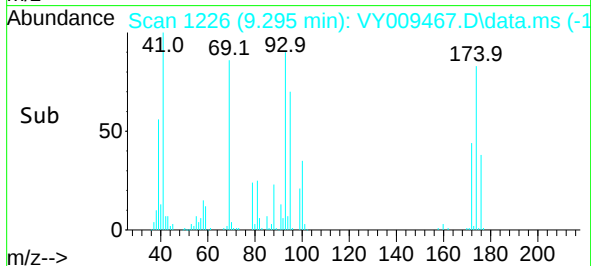
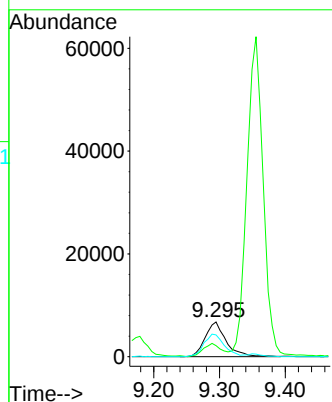
Tgt Ion: 88 Resp: 14905

Ion Ratio Lower Upper

88 100

43 33.3 32.8 49.2

58 65.0 59.8 89.6



#50

Toluene-d8

Concen: 38.552 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009467.D

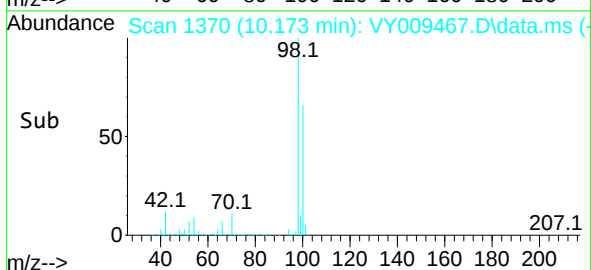
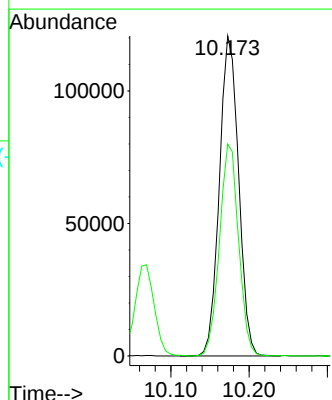
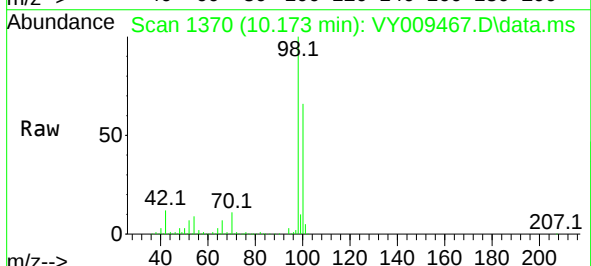
Acq: 07 Jul 2022 12:37

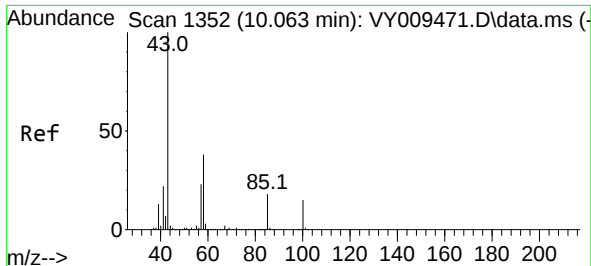
Tgt Ion: 98 Resp: 205875

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

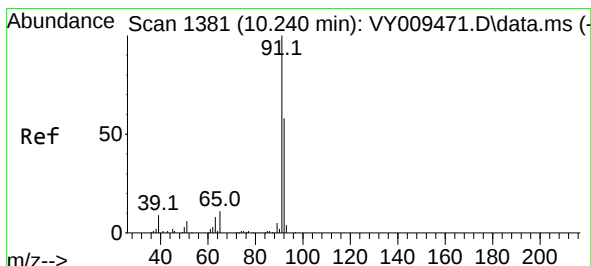
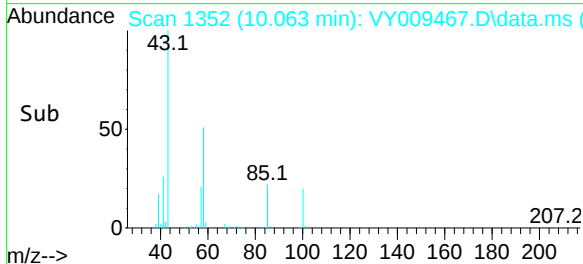
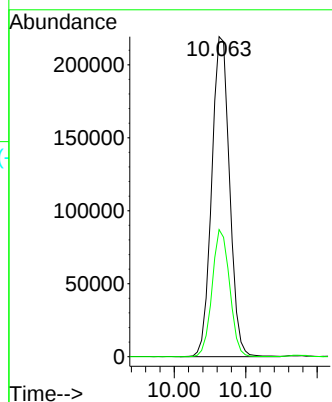
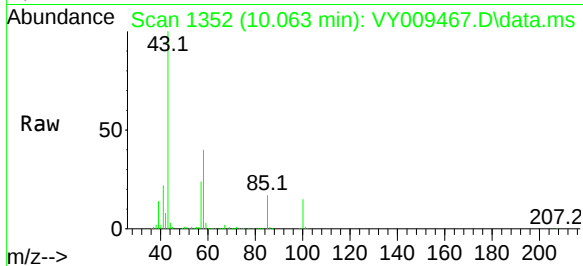




#51
4-Methyl-2-Pentanone
Concen: 244.613 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

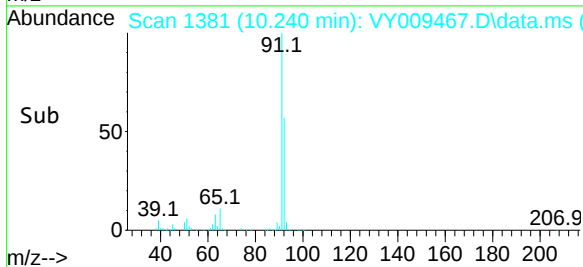
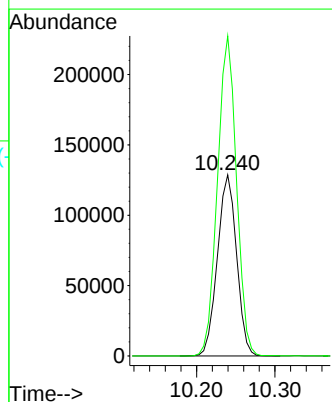
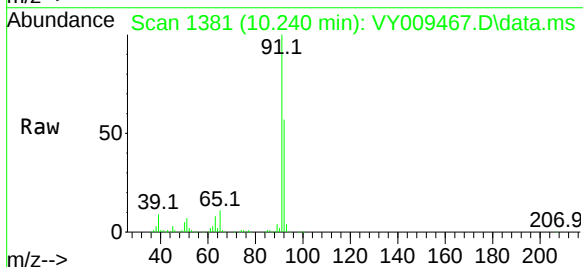
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

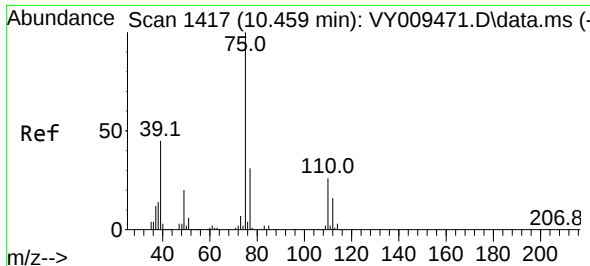
Tgt Ion: 43 Resp: 380750
Ion Ratio Lower Upper
43 100
58 38.9 28.1 42.1



#52
Toluene
Concen: 46.190 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 92 Resp: 218729
Ion Ratio Lower Upper
92 100
91 175.6 142.6 213.8

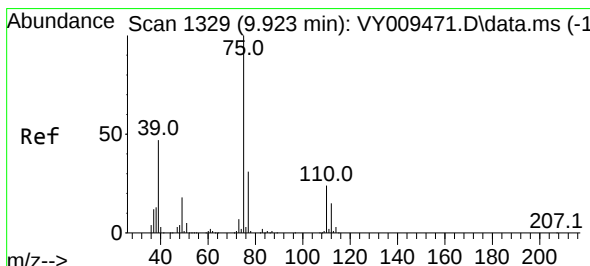
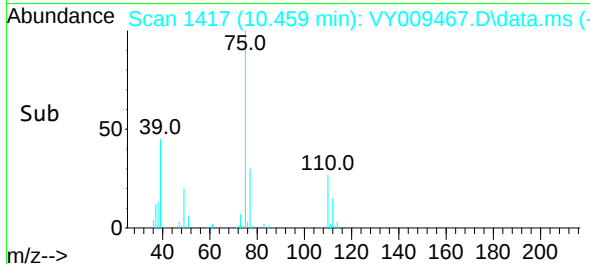
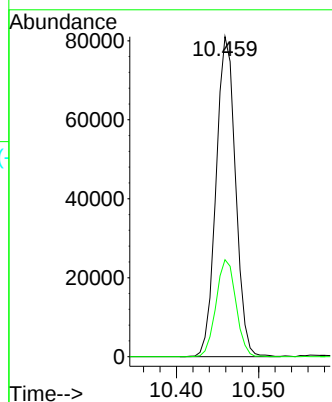
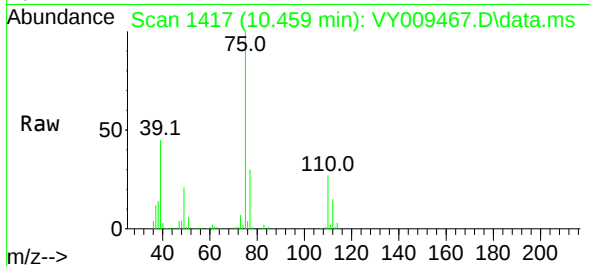




#53
t-1,3-Dichloropropene
Concen: 48.202 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

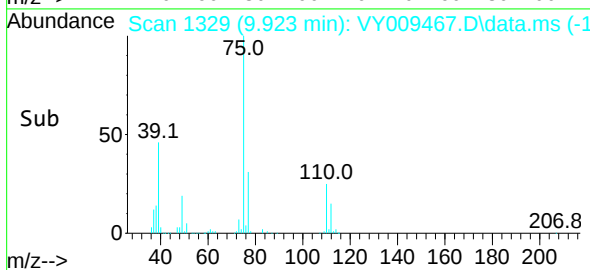
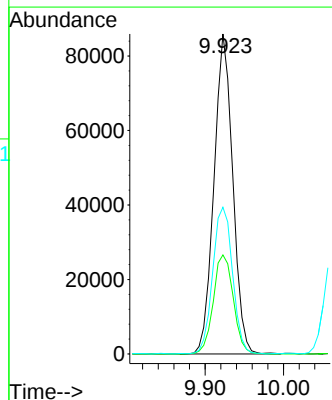
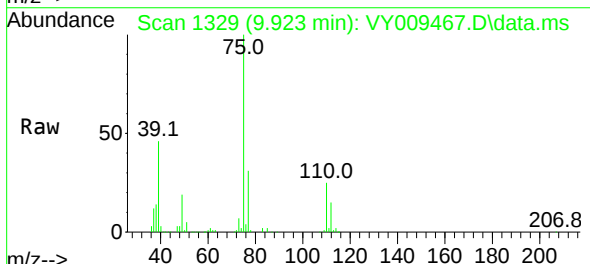
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

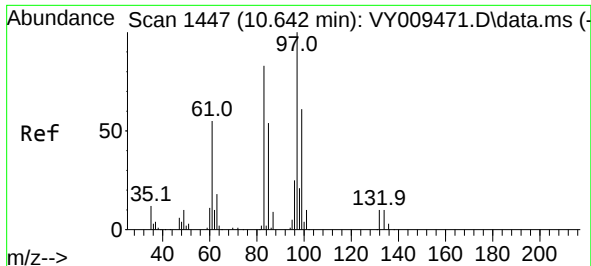
Tgt Ion: 75 Resp: 133452
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.392 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 75 Resp: 143216
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 45.7 47.6 71.4#

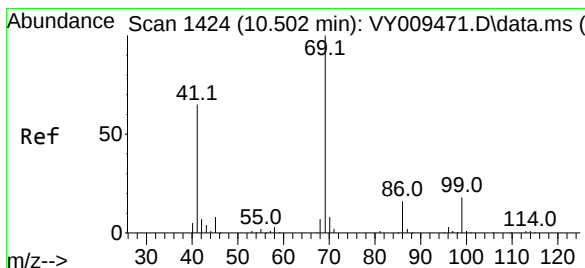
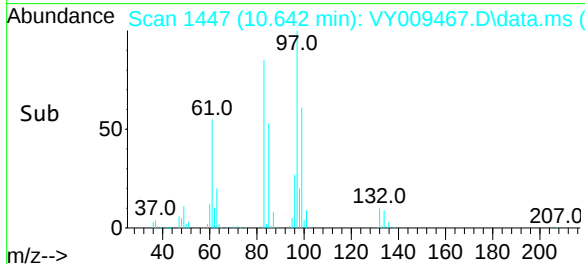
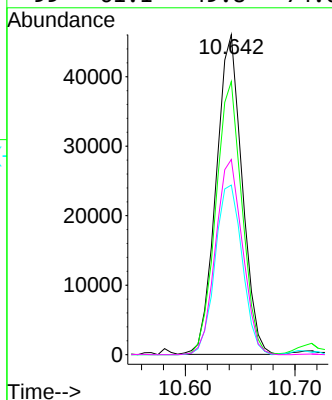
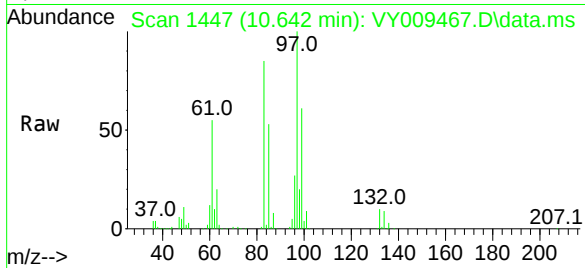




#55
1,1,2-Trichloroethane
Concen: 47.636 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

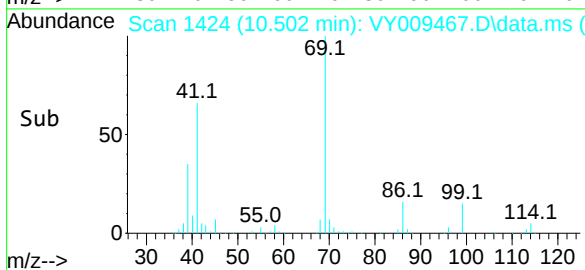
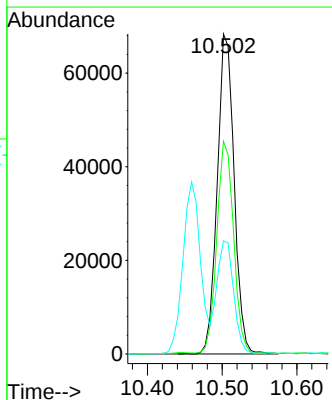
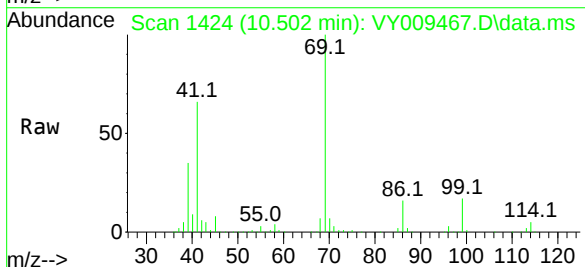
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

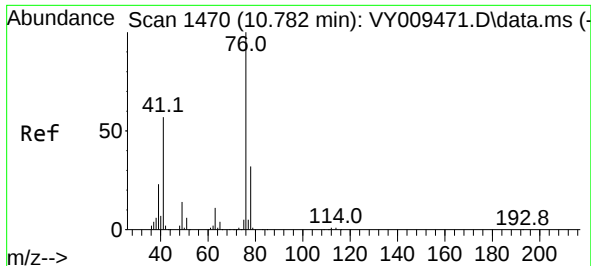
Tgt Ion:	97	Resp:	75853
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.8	104.8
85	53.1	44.3	66.5
99	61.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 50.881 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion:	69	Resp:	107568
Ion	Ratio	Lower	Upper
69	100		
41	65.3	63.4	95.0
39	34.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 47.944 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

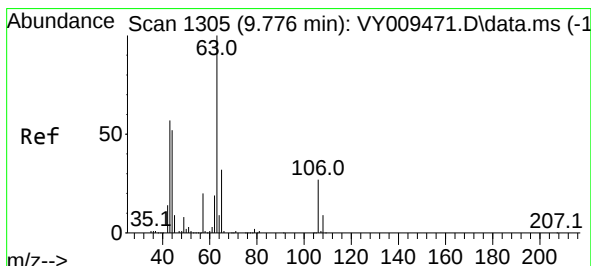
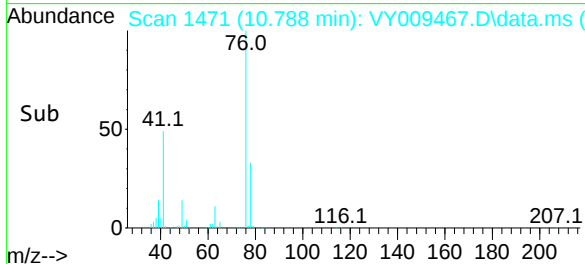
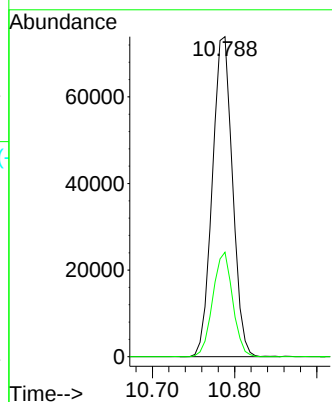
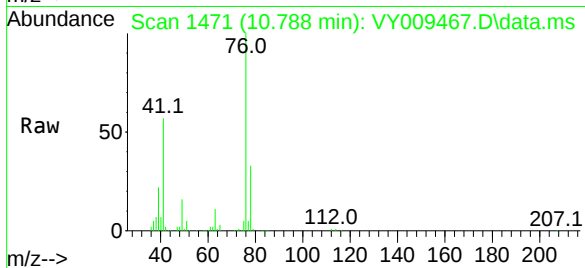
VSTDICCC050

Tgt Ion: 76 Resp: 125854

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 257.865 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009467.D

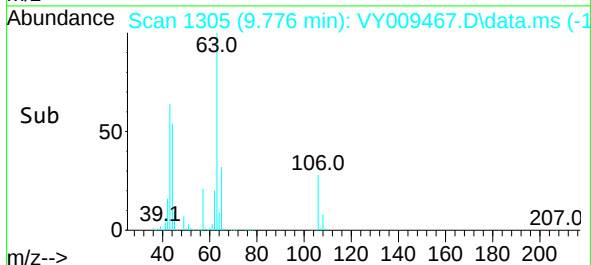
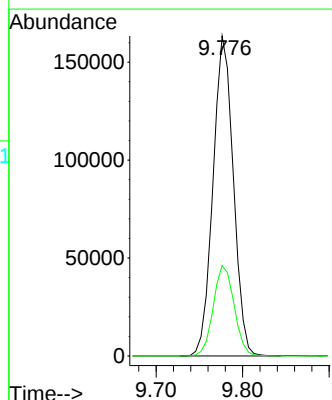
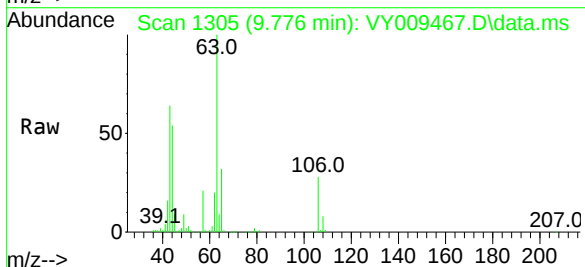
Acq: 07 Jul 2022 12:37

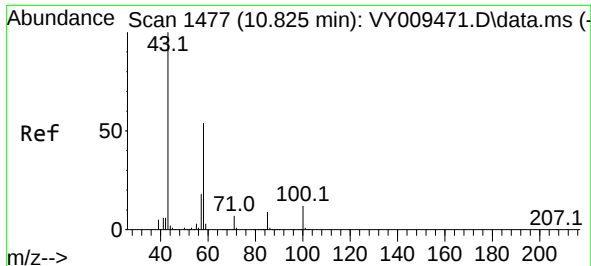
Tgt Ion: 63 Resp: 266308

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3





#59

2-Hexanone

Concen: 248.783 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

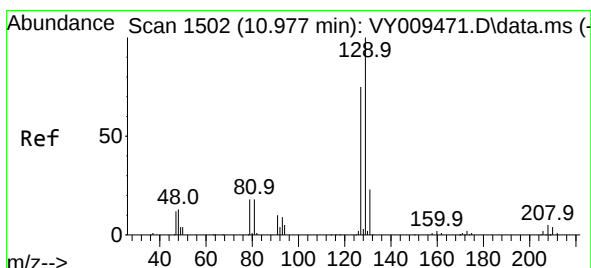
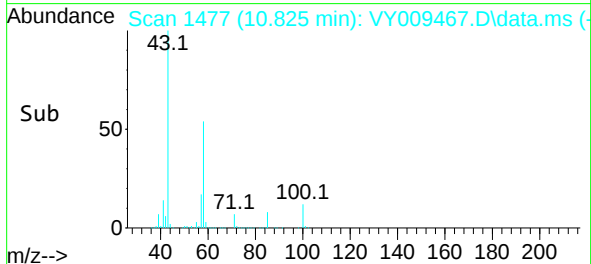
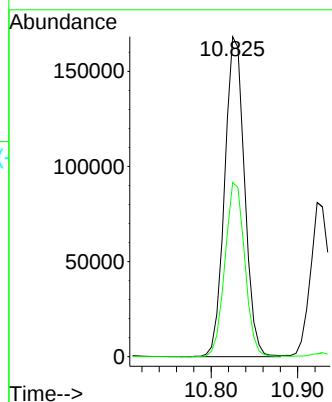
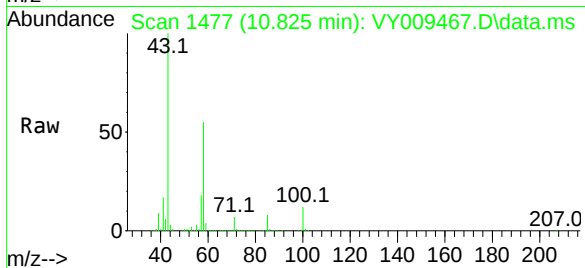
VSTDICCC050

Tgt Ion: 43 Resp: 268331

Ion Ratio Lower Upper

43 100

58 54.3 24.4 73.4



#60

Dibromochloromethane

Concen: 48.334 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.000 min

Lab File: VY009467.D

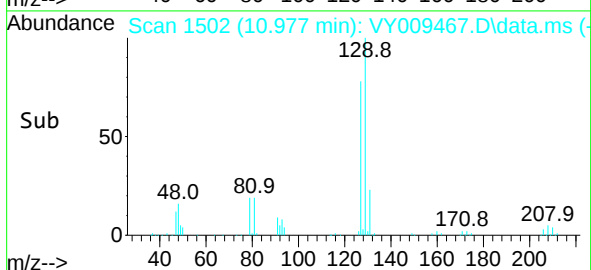
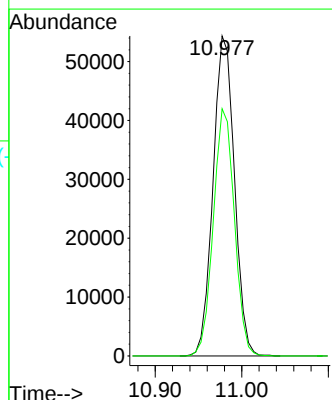
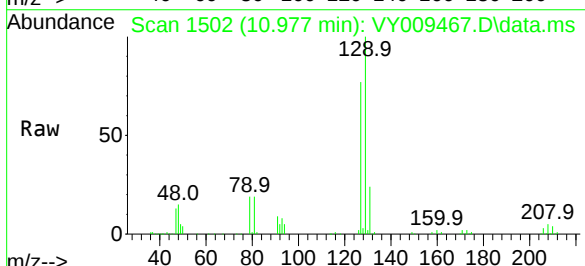
Acq: 07 Jul 2022 12:37

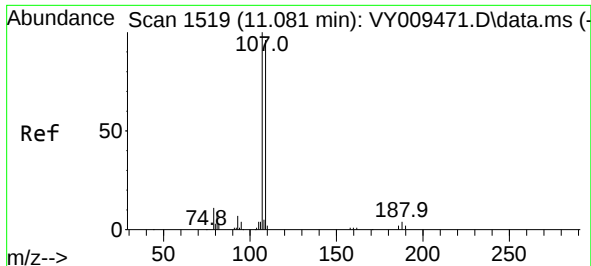
Tgt Ion: 129 Resp: 93202

Ion Ratio Lower Upper

129 100

127 76.2 38.7 116.1

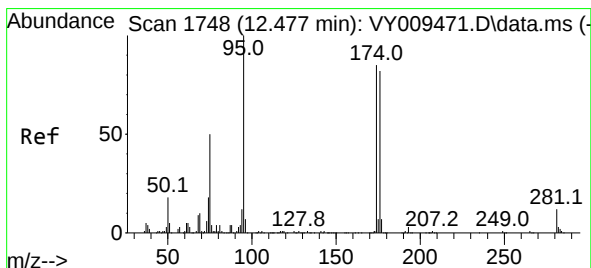
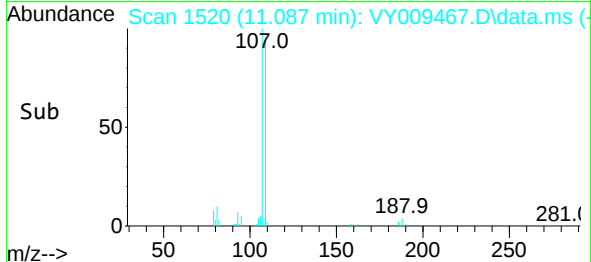
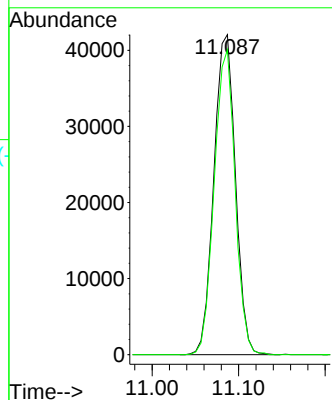
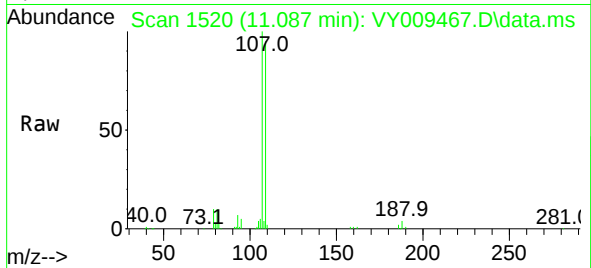




#61
1,2-Dibromoethane
Concen: 47.638 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

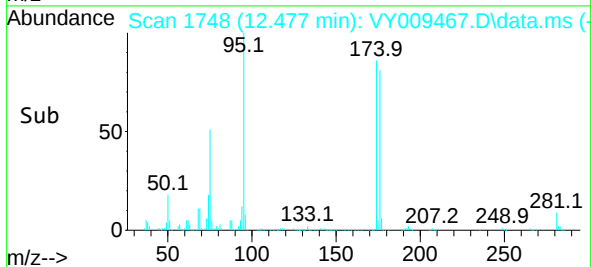
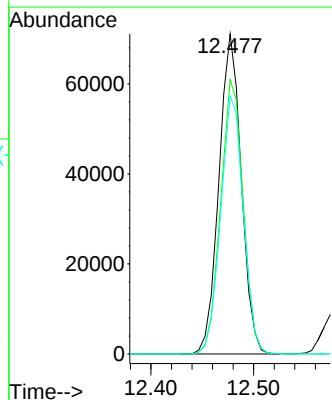
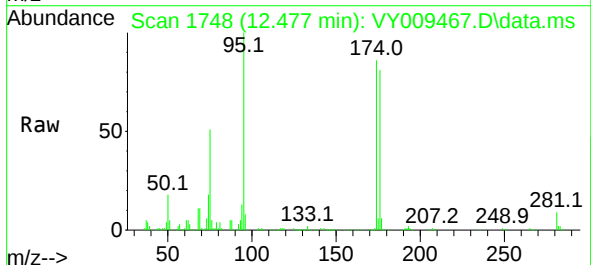
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

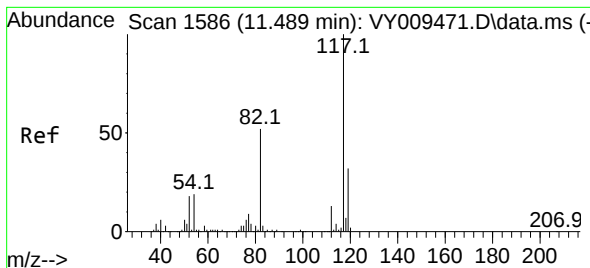
Tgt Ion:107 Resp: 72722
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.714 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 95 Resp: 106889
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 81.9 0.0 175.8

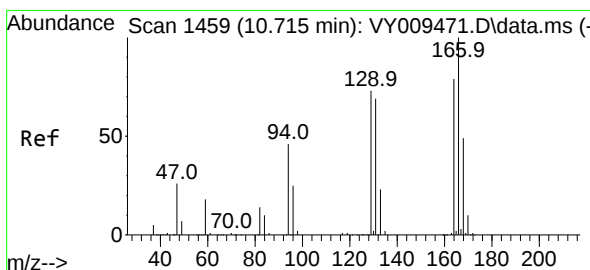
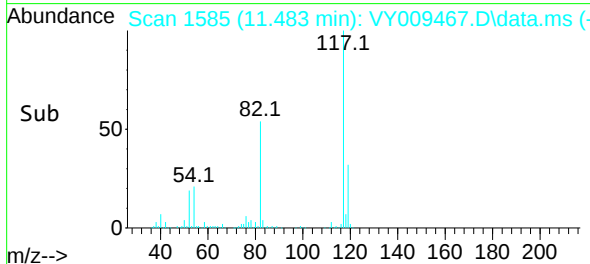
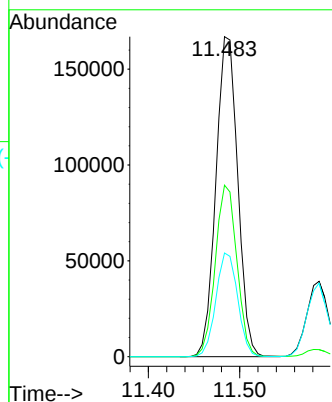
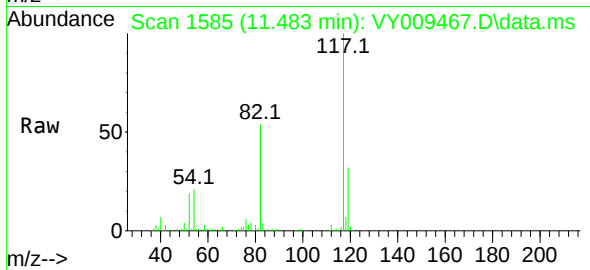




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

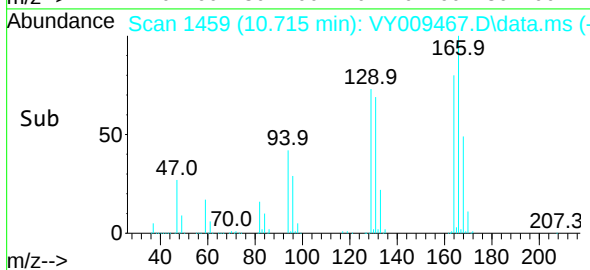
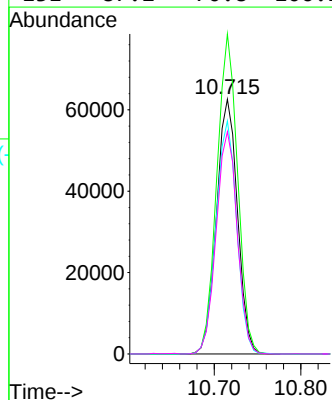
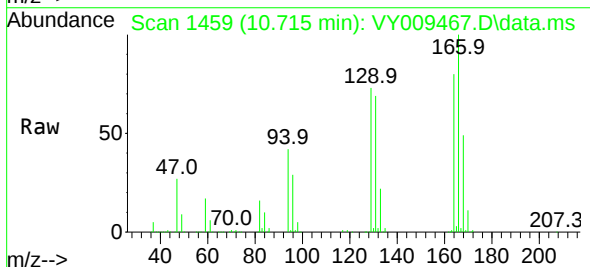
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

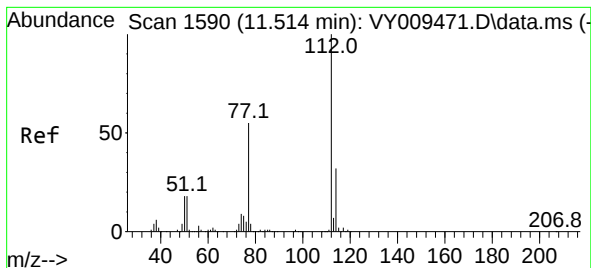
Tgt Ion:117 Resp: 277812
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 45.422 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion:164 Resp: 105505
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 91.5 71.4 107.0
131 87.2 70.8 106.2

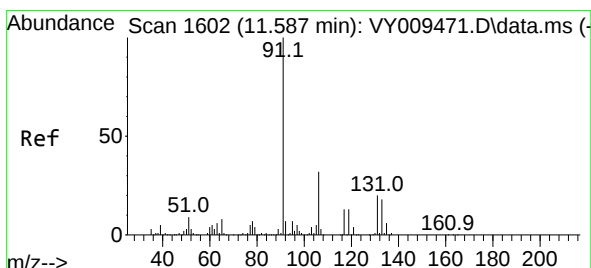
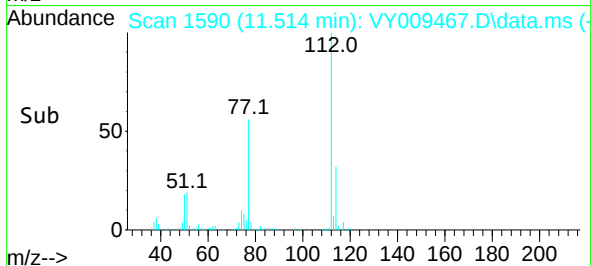
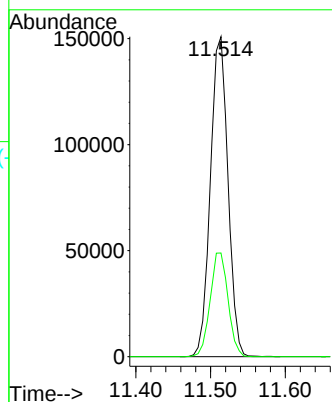
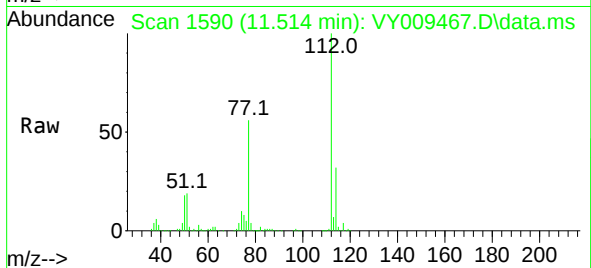




#65
Chlorobenzene
Concen: 45.161 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

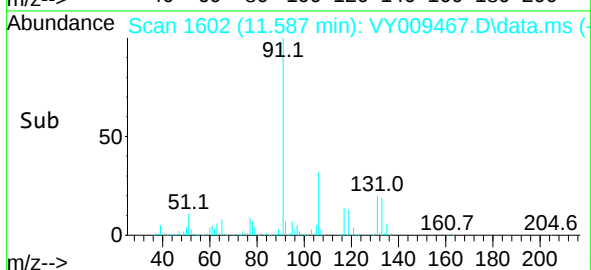
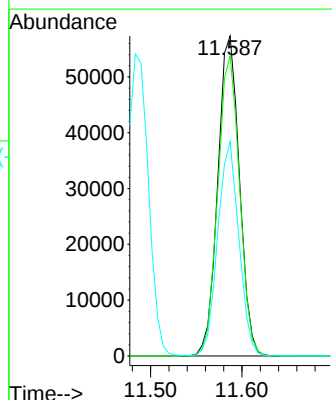
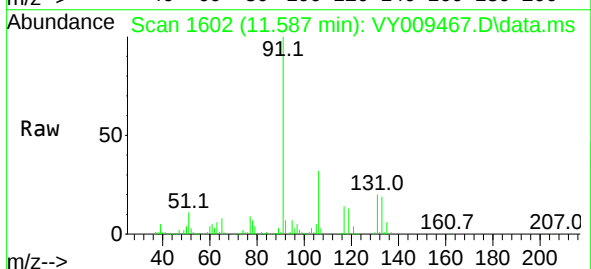
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

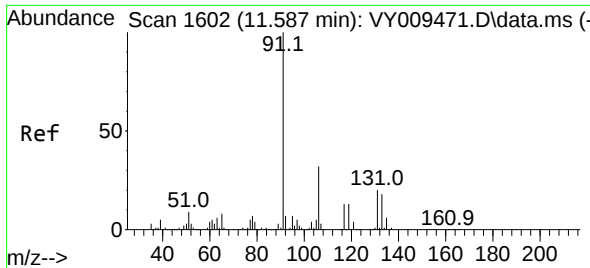
Tgt Ion:112 Resp: 246410
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.010 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion:131 Resp: 94432
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.6
119 65.5 30.8 92.3

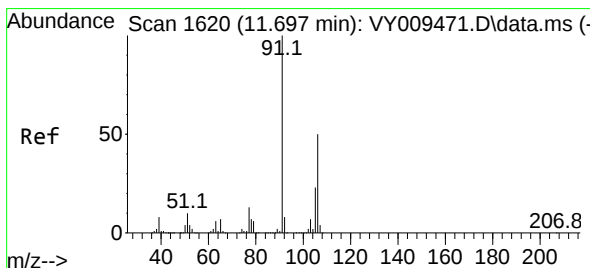
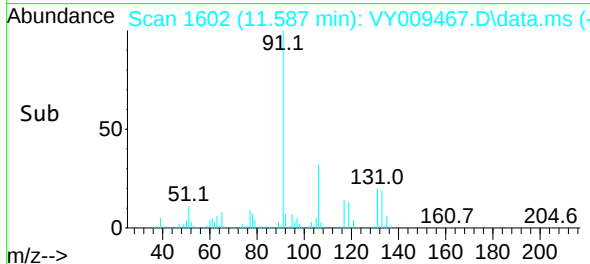
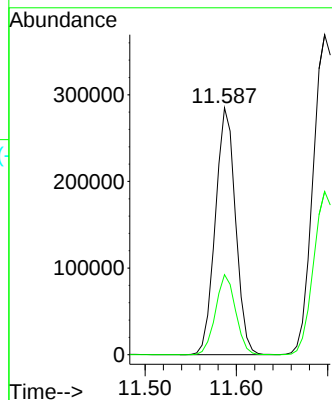
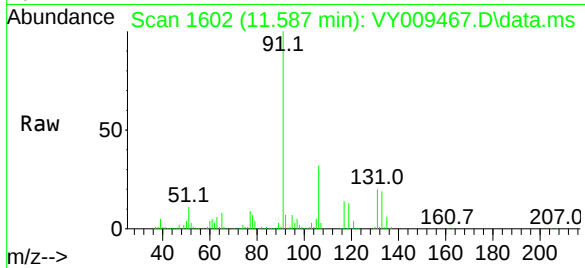




#67
Ethyl Benzene
Concen: 45.924 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

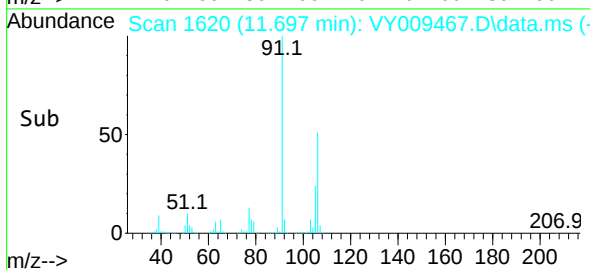
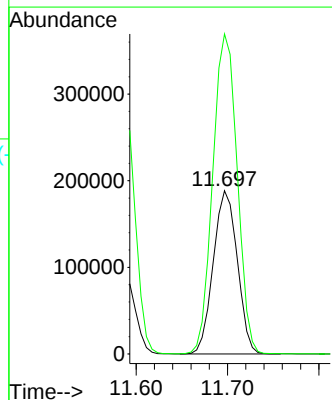
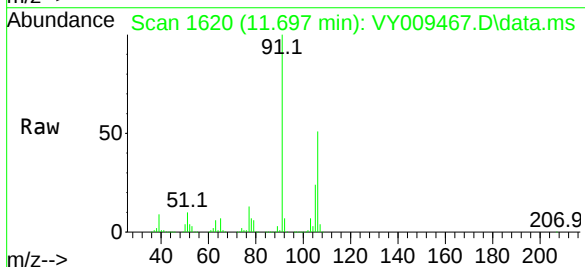
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

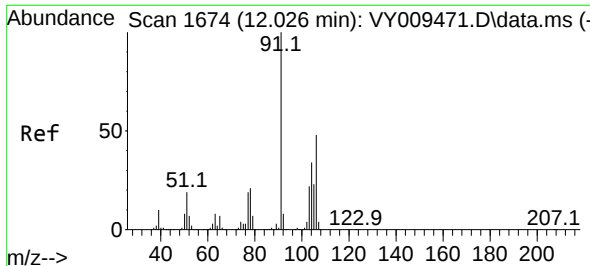
Tgt Ion: 91 Resp: 437443
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 92.692 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 106 Resp: 344347
Ion Ratio Lower Upper
106 100
91 199.2 166.6 249.8

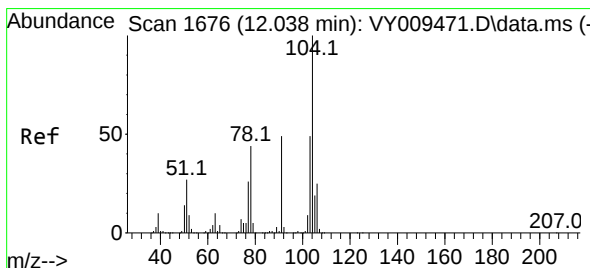
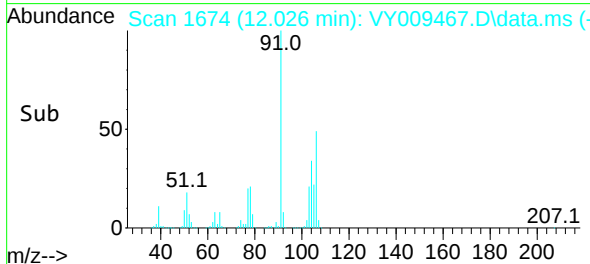
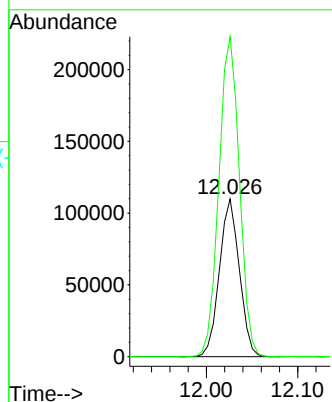
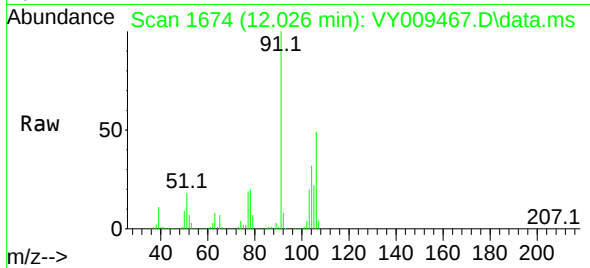




#69
o-Xylene
Concen: 46.781 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

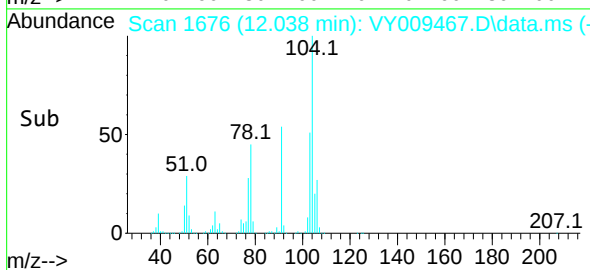
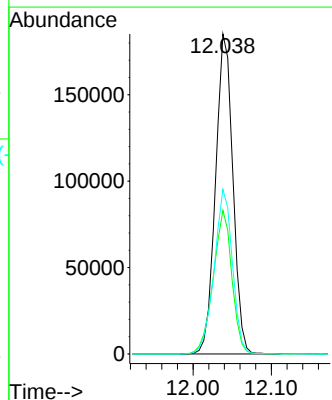
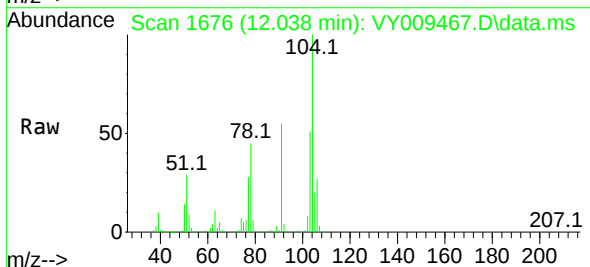
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

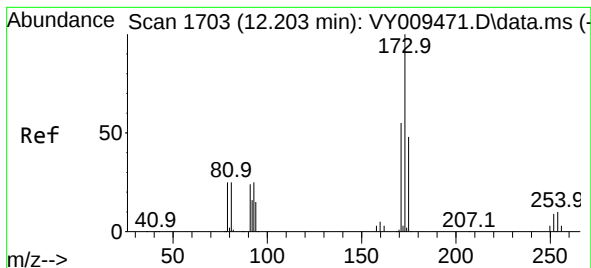
Tgt Ion:106 Resp: 166580
Ion Ratio Lower Upper
106 100
91 209.4 110.3 331.0



#70
Styrene
Concen: 47.962 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion:104 Resp: 285260
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 48.549 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

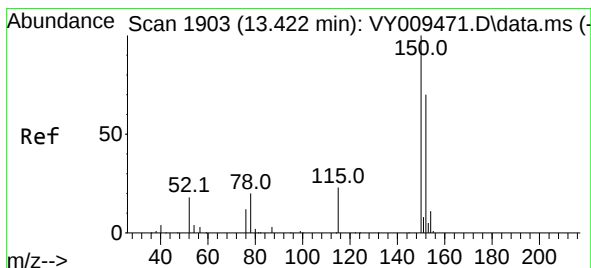
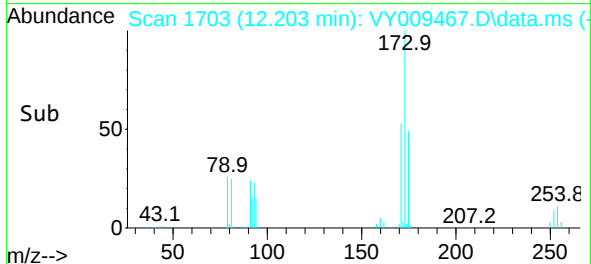
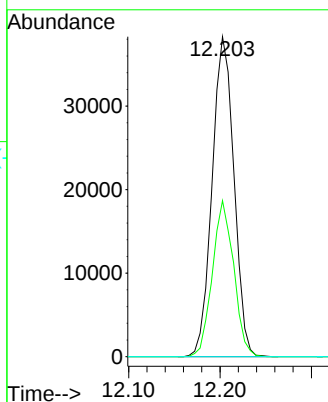
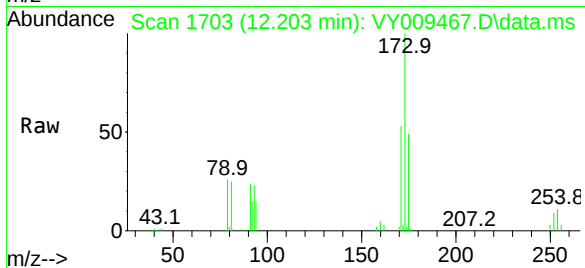
Tgt Ion:173 Resp: 63509

Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

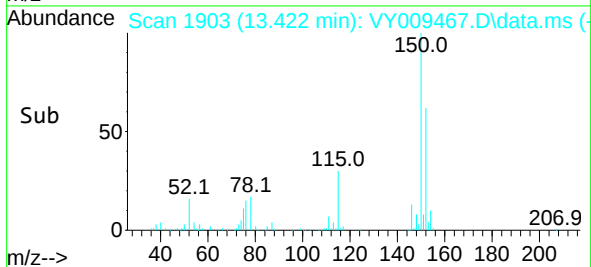
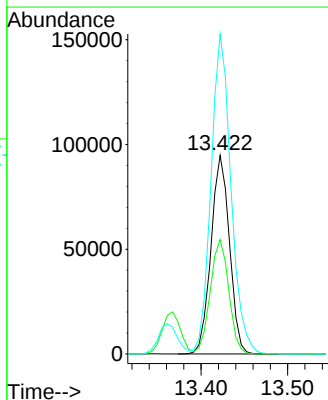
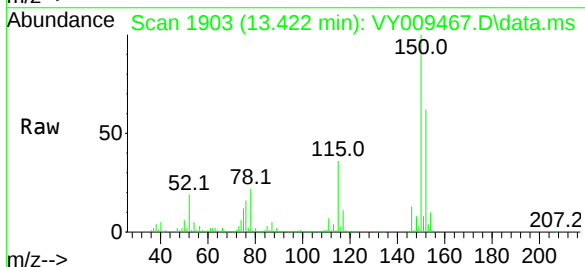
Tgt Ion:152 Resp: 140547

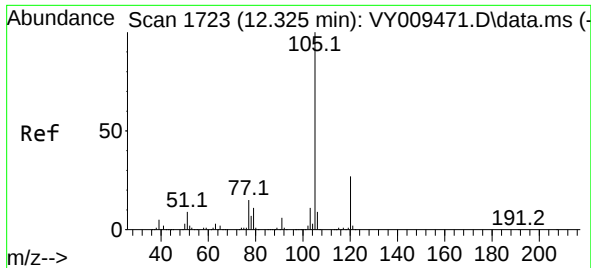
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 174.2 0.0 347.6

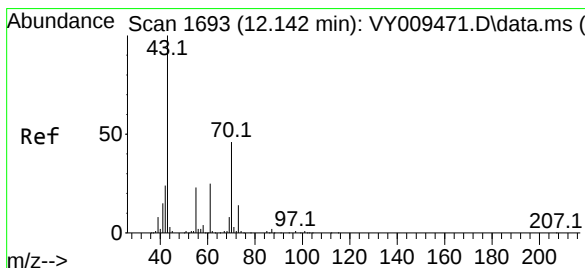
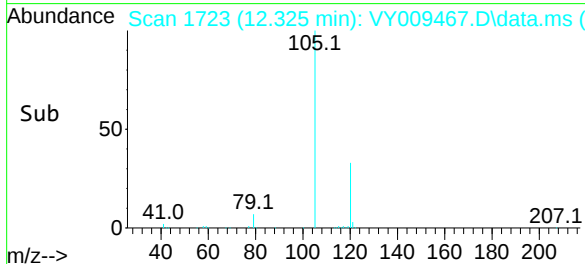
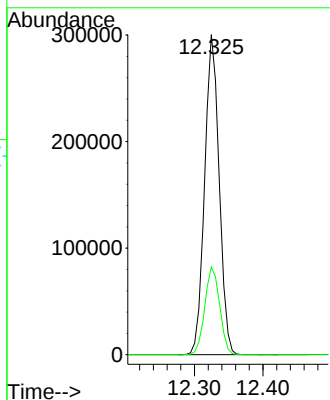
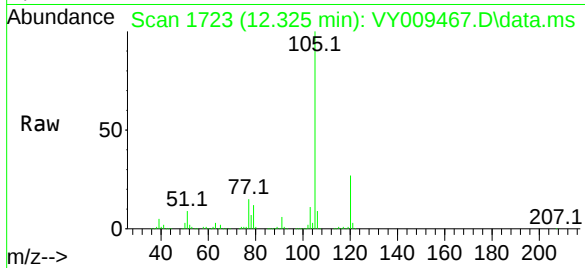




#73
Isopropylbenzene
Concen: 46.041 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

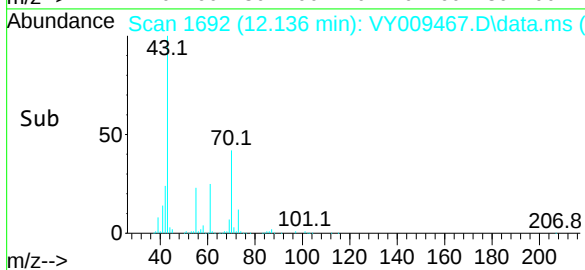
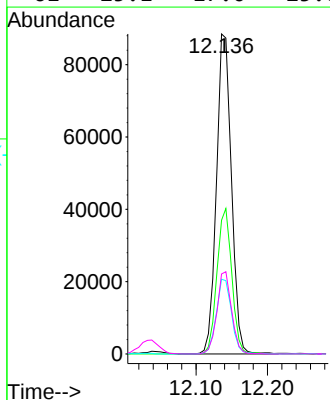
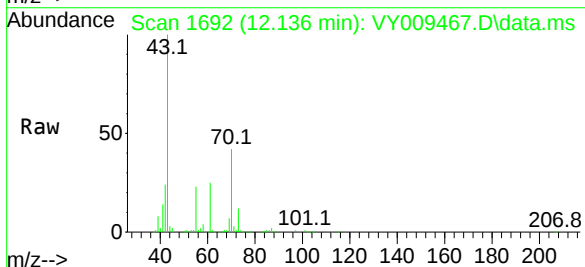
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

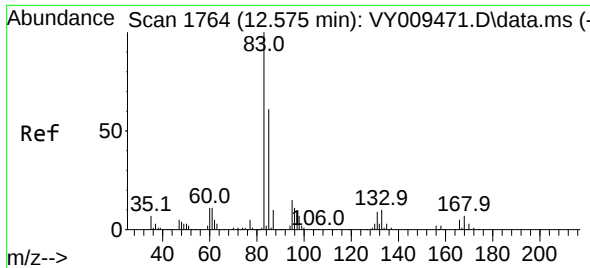
Tgt Ion:105 Resp: 442545
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.2



#74
N-ethyl acetate
Concen: 47.197 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 43 Resp: 129074
Ion Ratio Lower Upper
43 100
70 44.9 28.7 43.1#
55 23.7 17.3 25.9
61 25.1 17.0 25.6

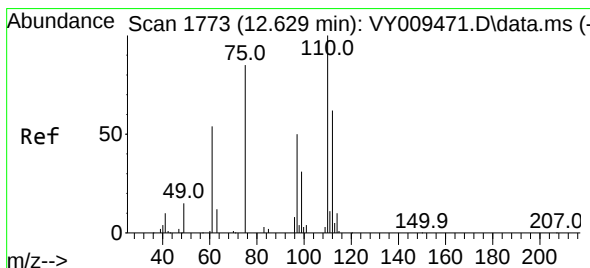
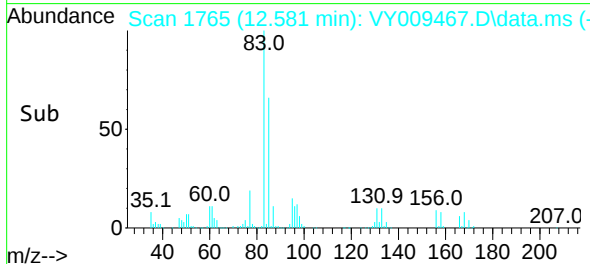
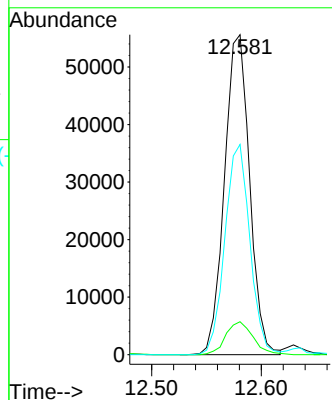
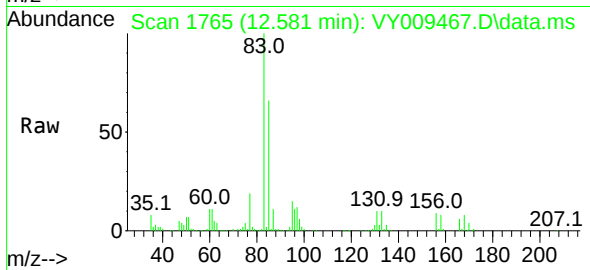




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.058 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: VY009467.D
 Acq: 07 Jul 2022 12:37

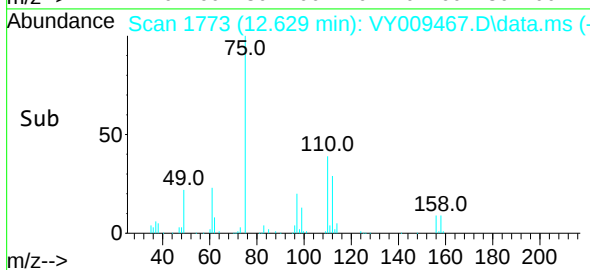
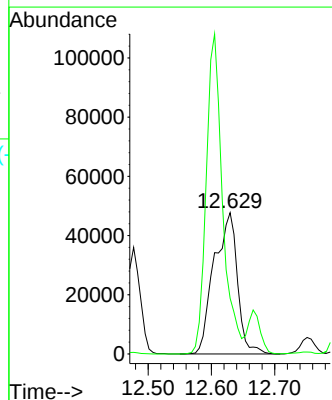
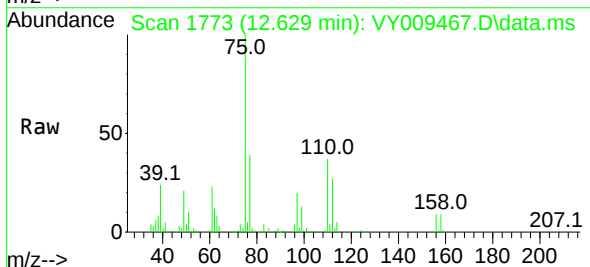
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

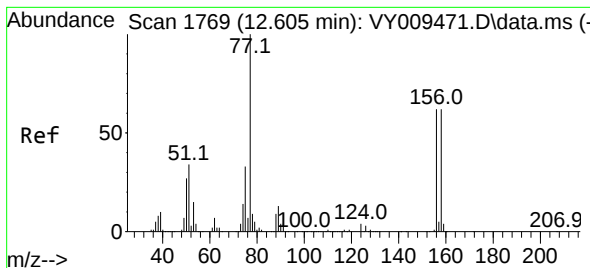
Tgt Ion: 83 Resp: 88642
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 65.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 49.322 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009467.D
 Acq: 07 Jul 2022 12:37

Tgt Ion: 75 Resp: 122262
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.624 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

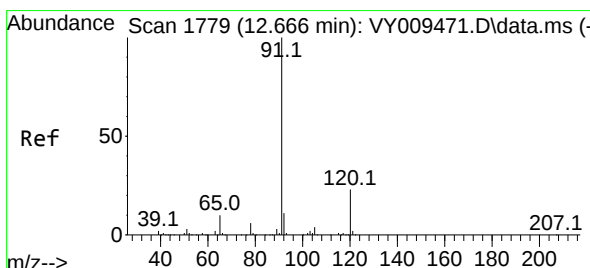
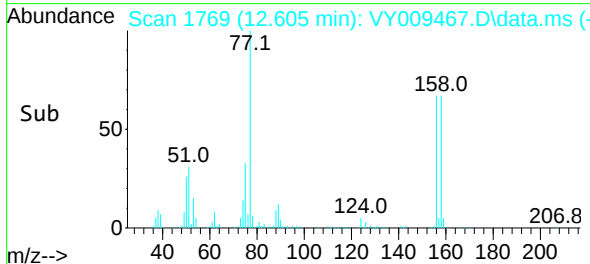
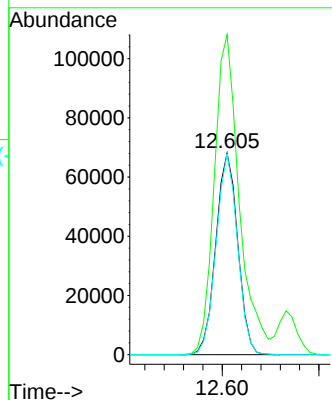
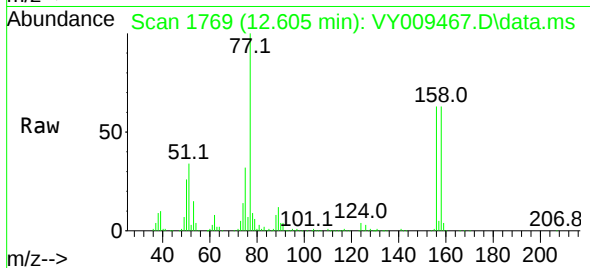
Tgt Ion:156 Resp: 106759

Ion Ratio Lower Upper

156 100

77 181.7 95.5 286.4

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 46.524 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY009467.D

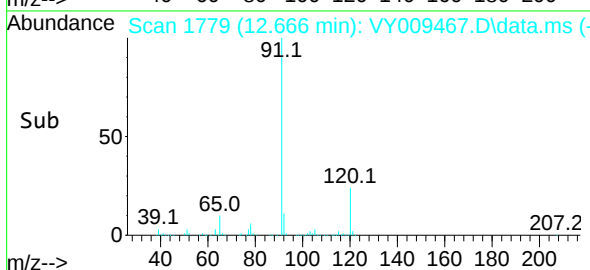
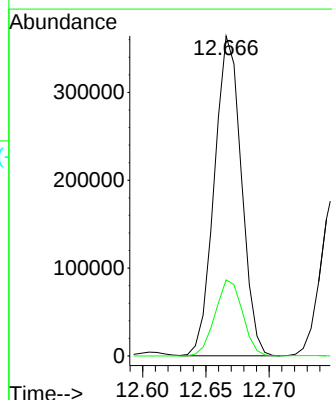
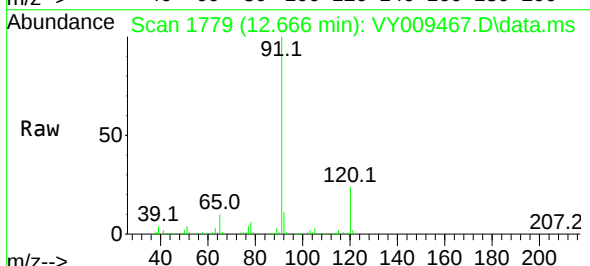
Acq: 07 Jul 2022 12:37

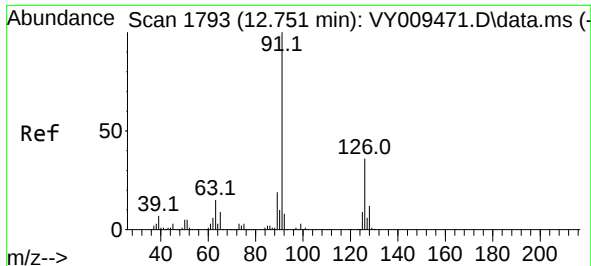
Tgt Ion: 91 Resp: 540265

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

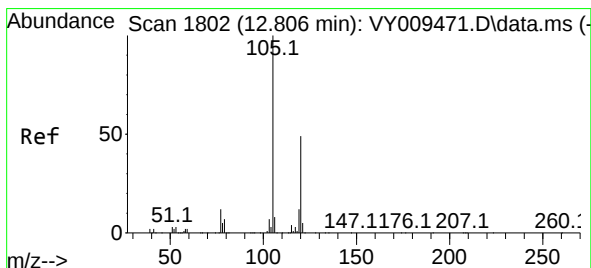
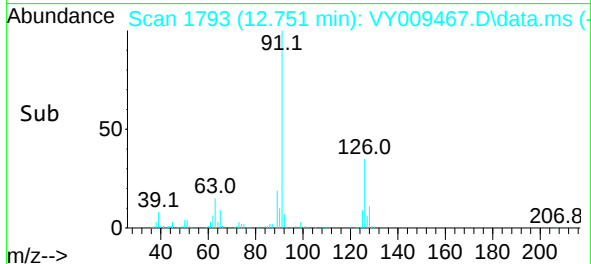
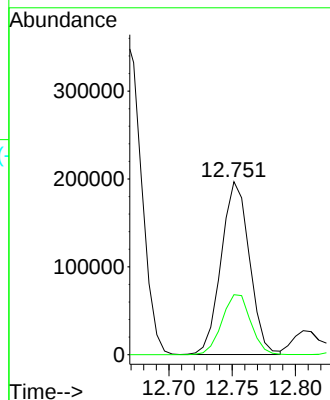
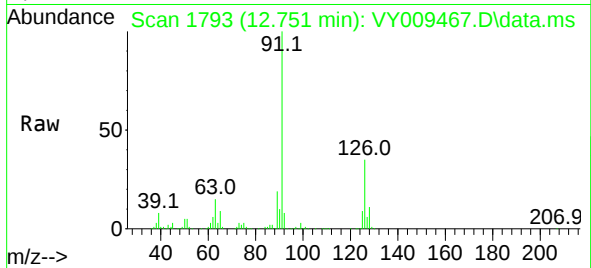




#79
2-Chlorotoluene
Concen: 47.119 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

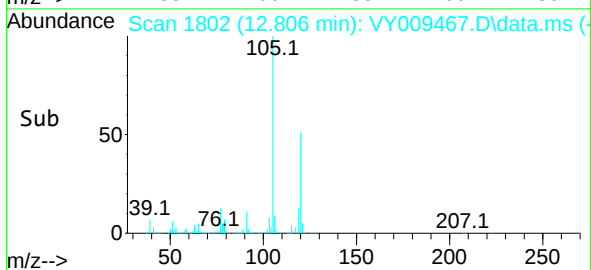
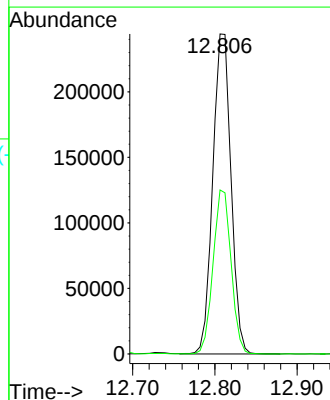
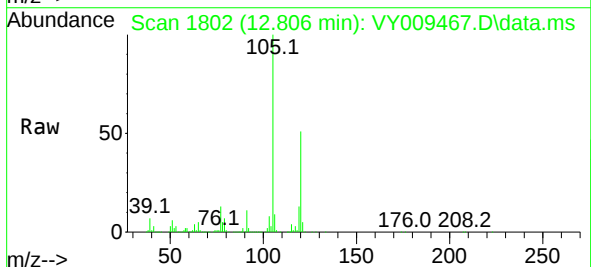
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

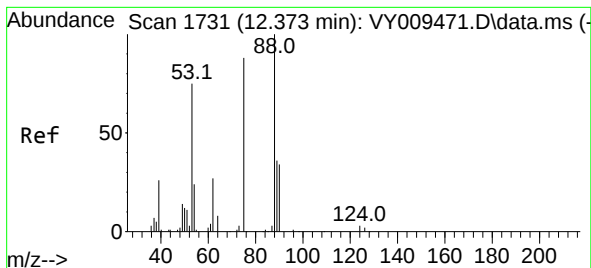
Tgt Ion: 91 Resp: 306332
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.730 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 105 Resp: 375447
Ion Ratio Lower Upper
105 100
120 50.7 24.4 73.4

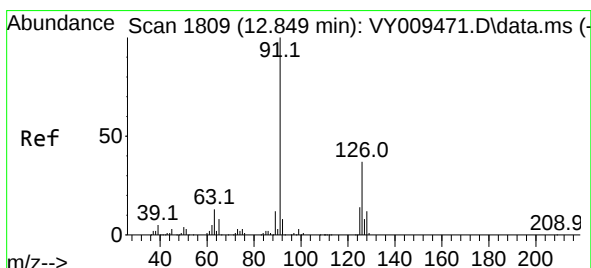
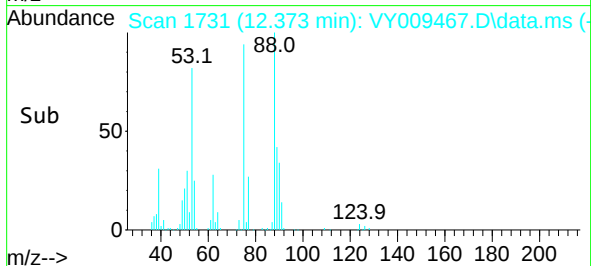
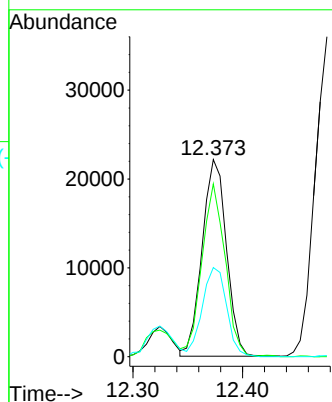
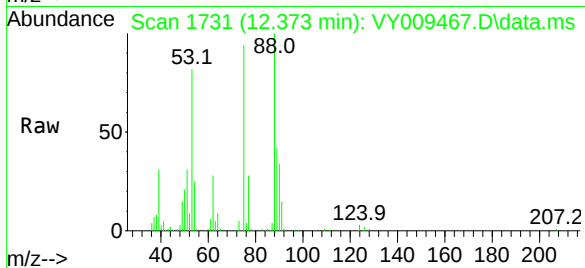




#81
trans-1,4-Dichloro-2-butene
Concen: 46.924 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

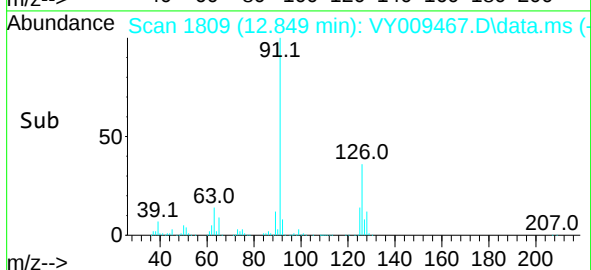
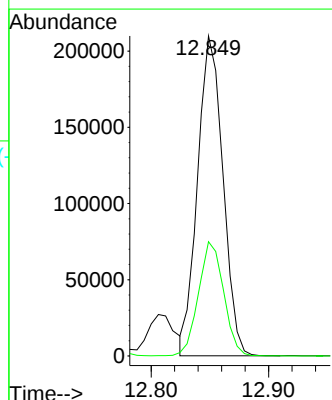
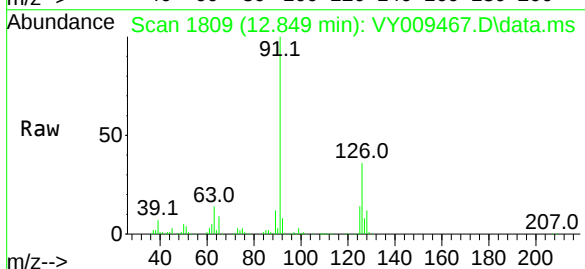
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

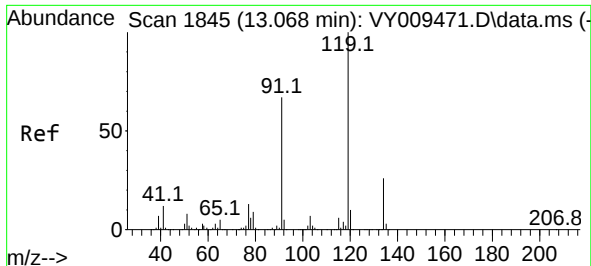
Tgt Ion: 75 Resp: 34111
Ion Ratio Lower Upper
75 100
53 83.2 85.3 127.9#
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.091 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 91 Resp: 314034
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

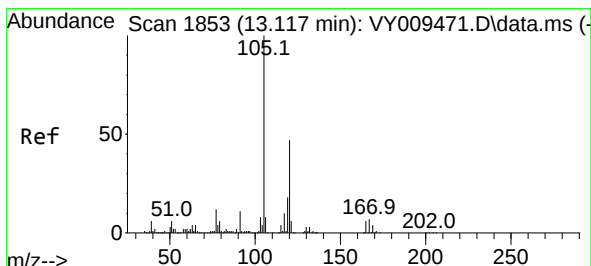
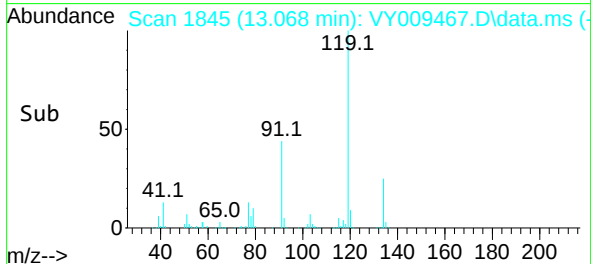
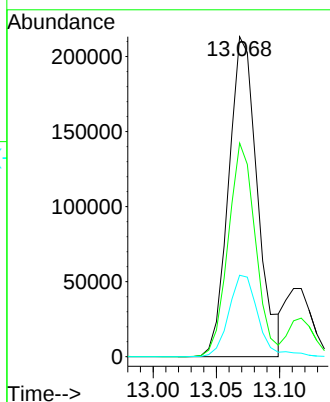
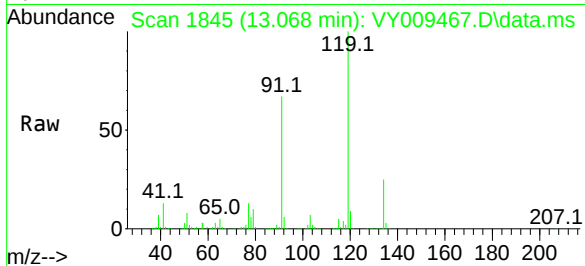




#83
tert-Butylbenzene
Concen: 47.218 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

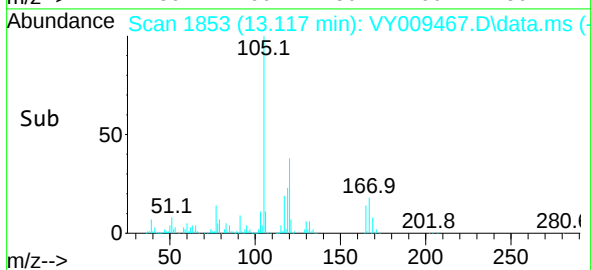
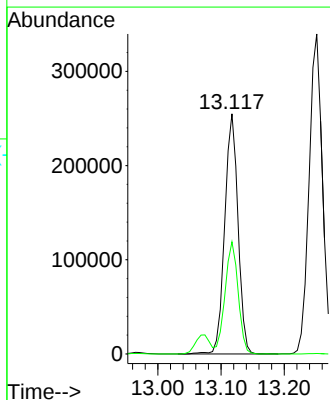
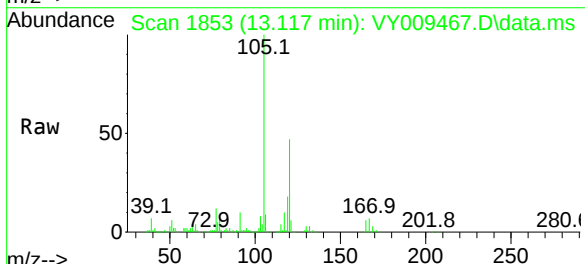
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

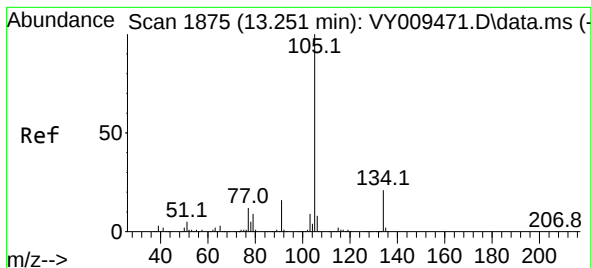
Tgt Ion:119 Resp: 337506
Ion Ratio Lower Upper
119 100
91 63.3 34.8 104.4
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 46.350 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion:105 Resp: 370658
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.046 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

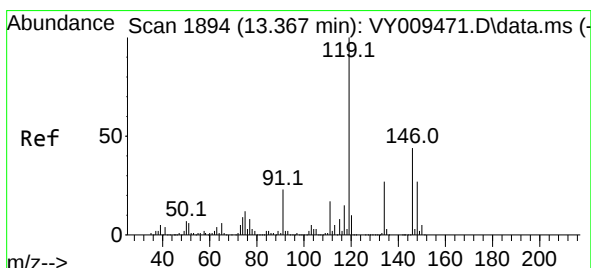
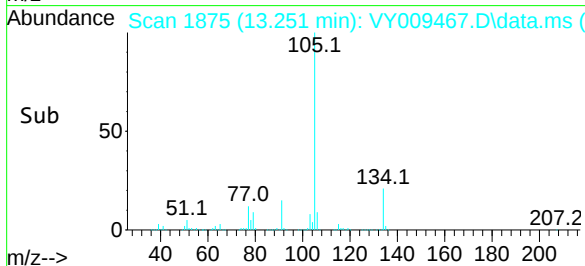
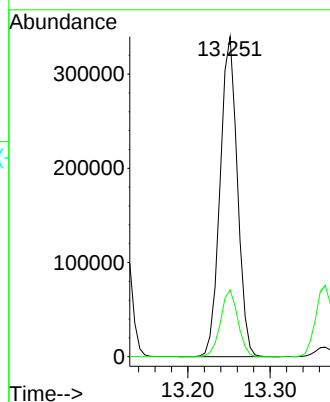
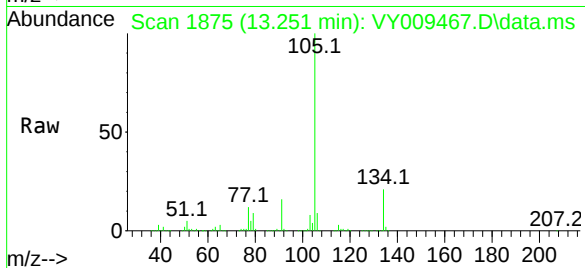
VSTDICCC050

Tgt Ion:105 Resp: 495255

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 46.256 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

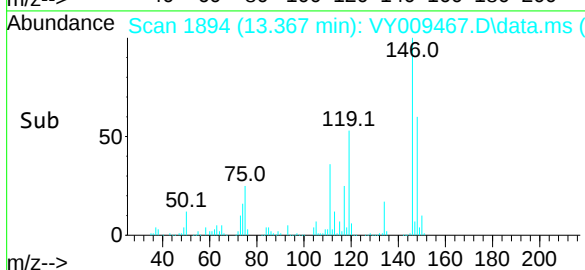
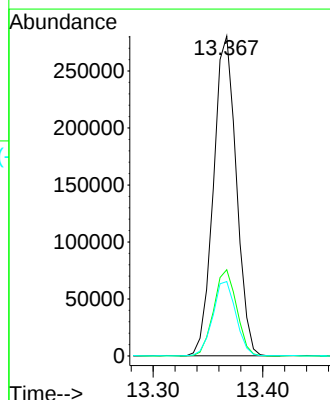
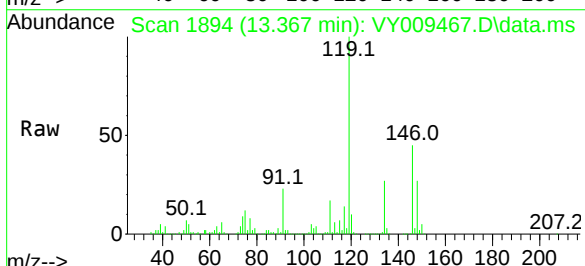
Tgt Ion:119 Resp: 405896

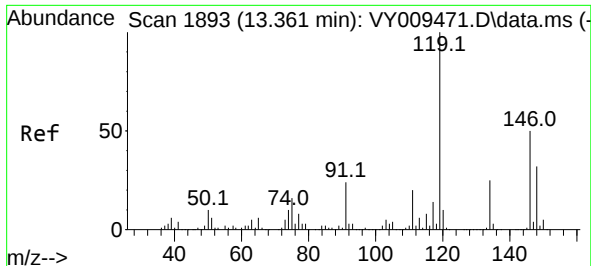
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.066 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

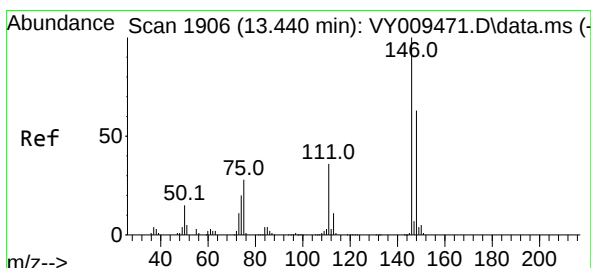
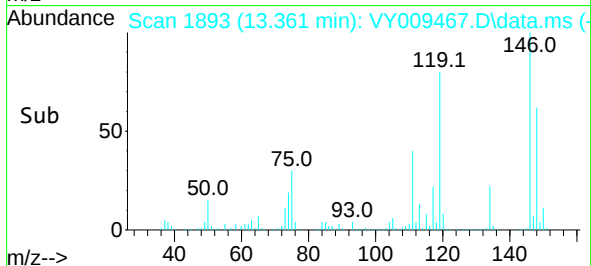
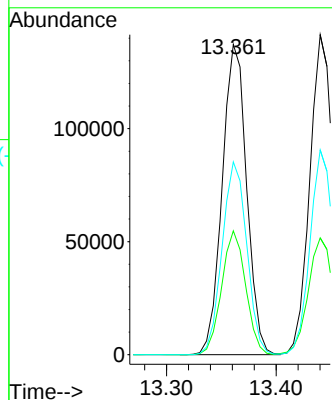
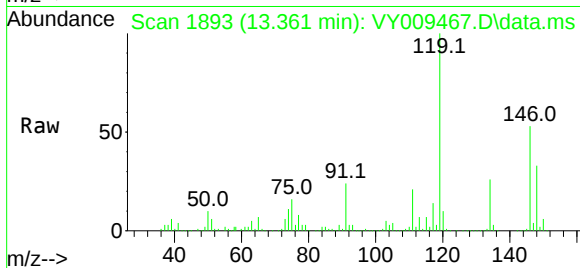
Tgt Ion:146 Resp: 212778

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

148 62.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.752 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

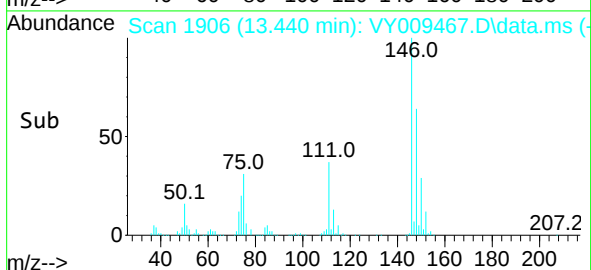
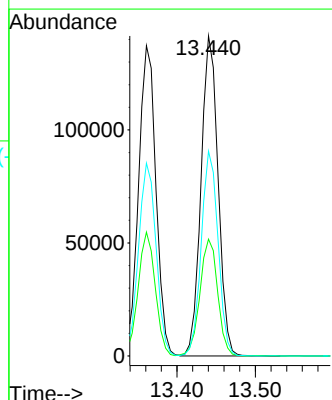
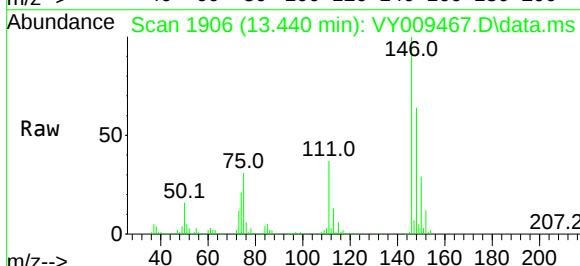
Tgt Ion:146 Resp: 213888

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

148 63.3 32.6 97.8





#89

n-Butylbenzene

Concen: 46.908 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

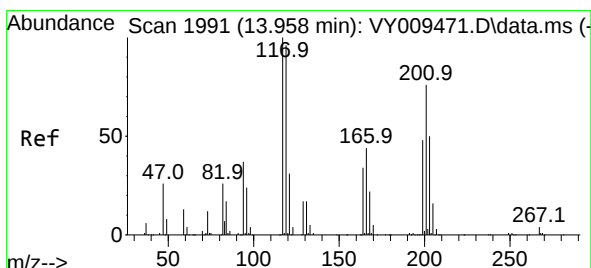
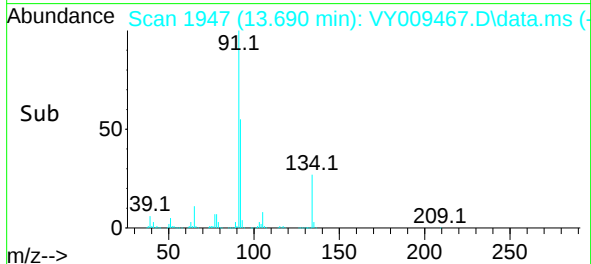
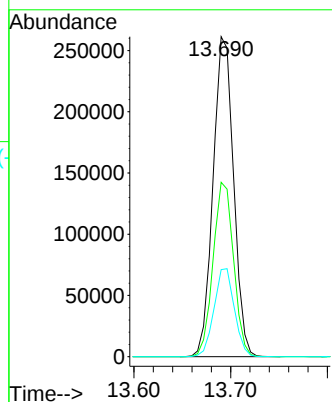
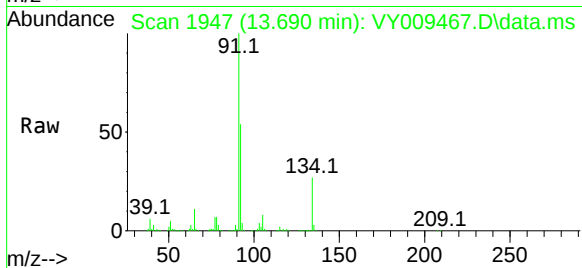
Tgt Ion: 91 Resp: 384371

Ion Ratio Lower Upper

91 100

92 54.4 26.3 78.9

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 46.053 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009467.D

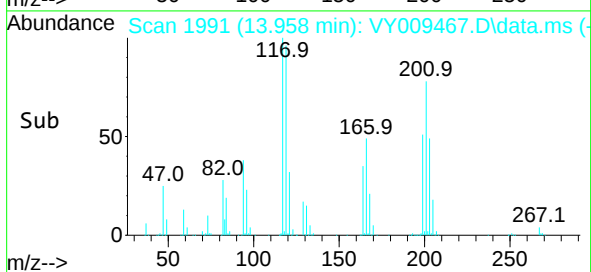
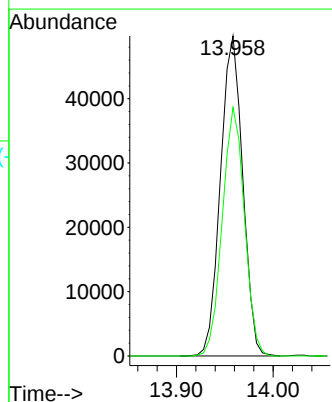
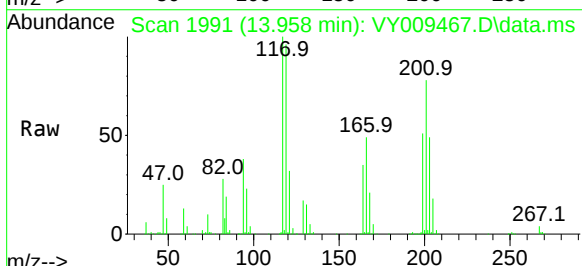
Acq: 07 Jul 2022 12:37

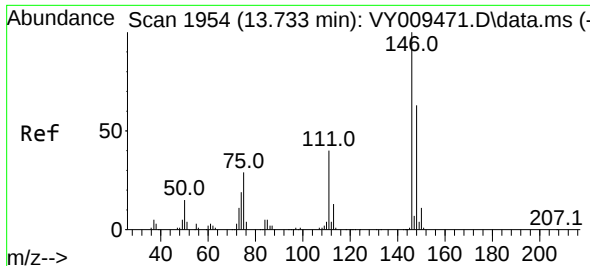
Tgt Ion: 117 Resp: 79290

Ion Ratio Lower Upper

117 100

201 77.1 43.0 128.8

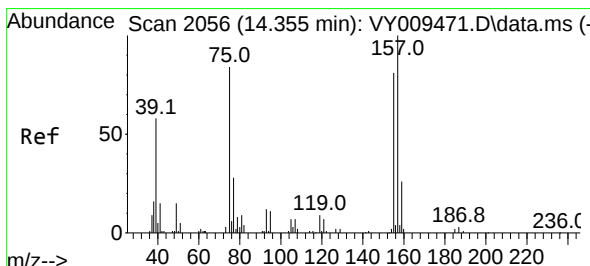
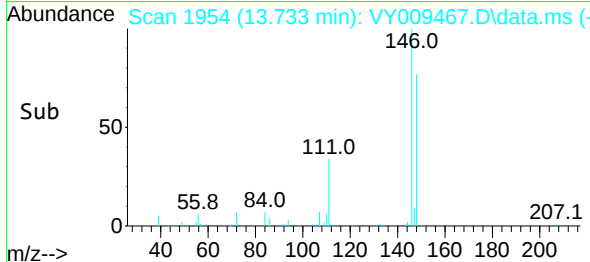
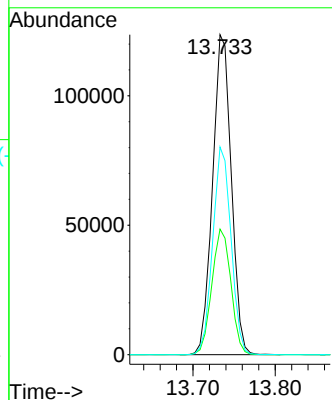
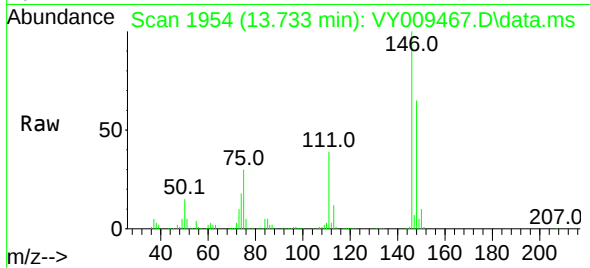




#91
1,2-Dichlorobenzene
Concen: 46.176 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

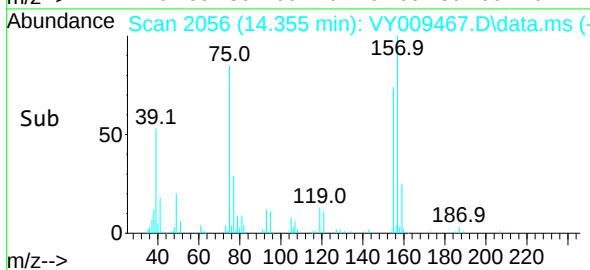
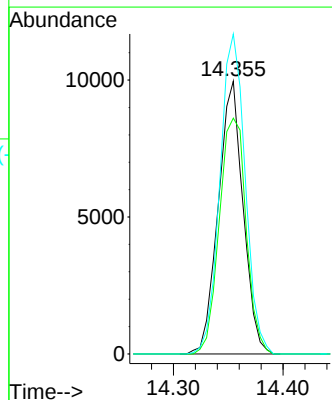
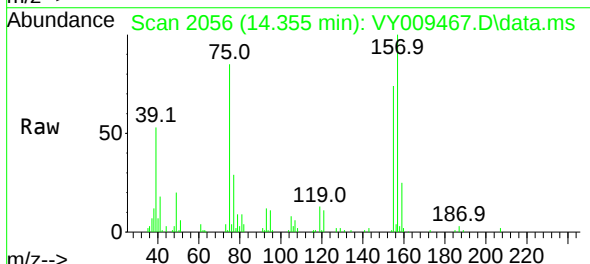
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

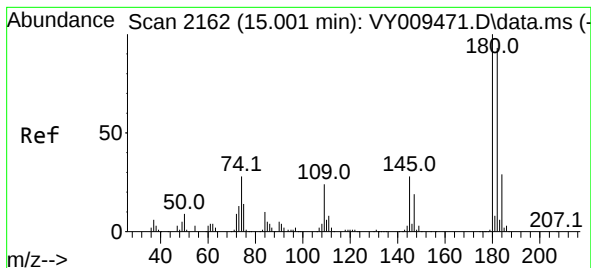
Tgt Ion:146 Resp: 195414
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.403 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009467.D
Acq: 07 Jul 2022 12:37

Tgt Ion: 75 Resp: 15653
Ion Ratio Lower Upper
75 100
155 93.2 38.0 113.9
157 119.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.826 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

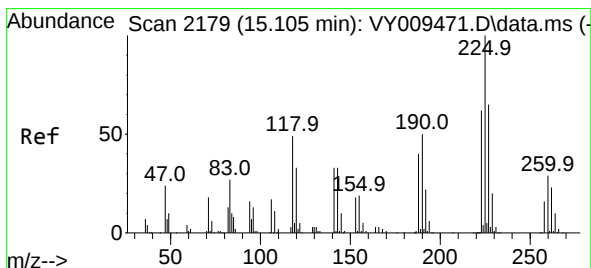
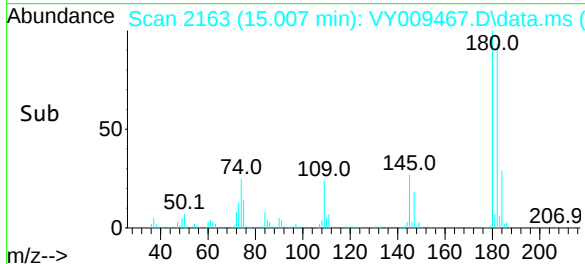
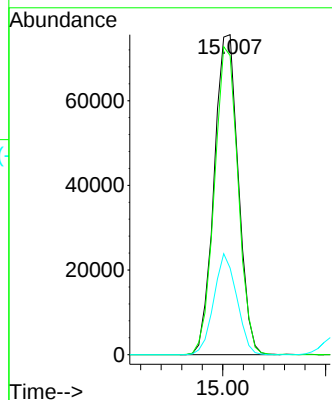
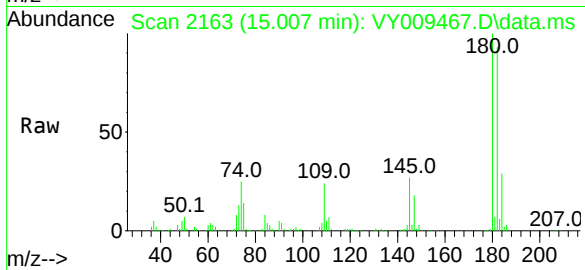
Tgt Ion:180 Resp: 123442

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.283 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

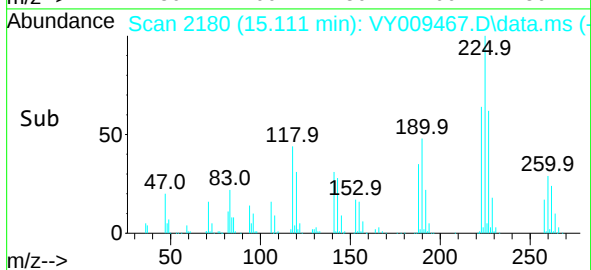
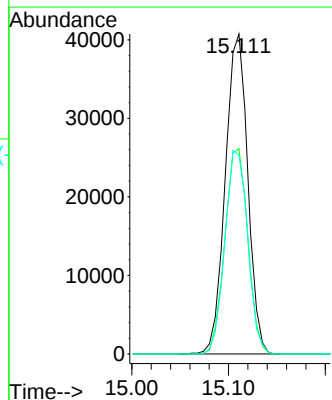
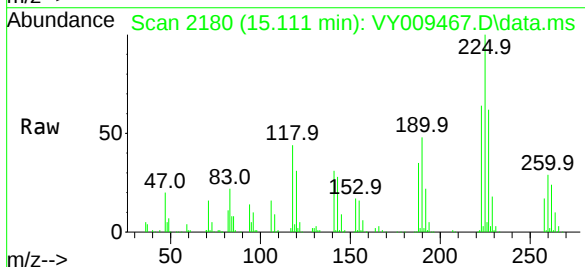
Tgt Ion:225 Resp: 65677

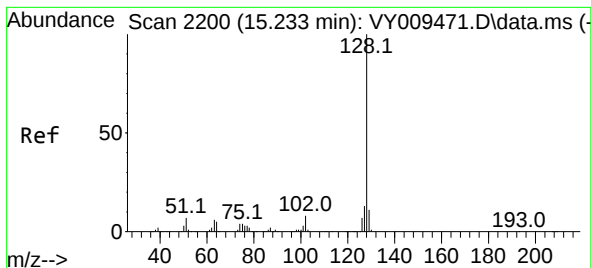
Ion Ratio Lower Upper

225 100

223 65.5 30.8 92.3

227 64.9 31.6 94.7





#95

Naphthalene

Concen: 46.736 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

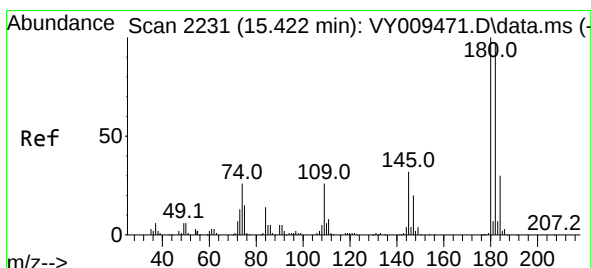
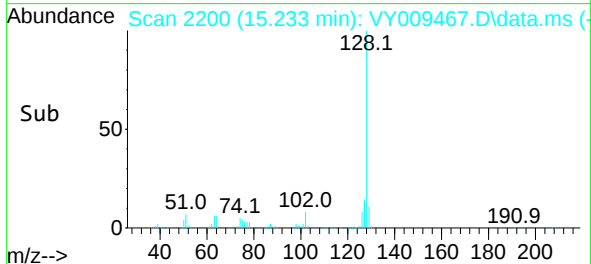
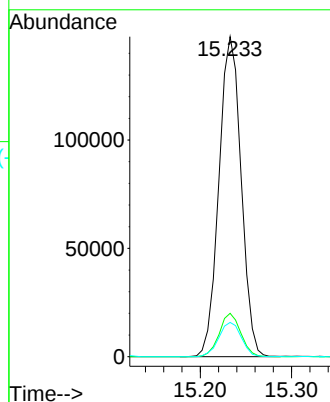
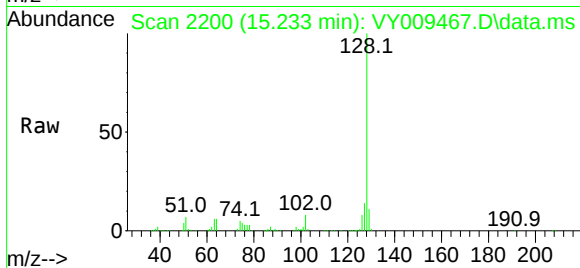
Tgt Ion:128 Resp: 249411

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.315 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009467.D

Acq: 07 Jul 2022 12:37

Tgt Ion:180 Resp: 105775

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.9

145 31.9 15.3 45.9

