

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018167.D
 Acq On : 07 May 2024 11:02
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 01:02:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	239876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	196437	111.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 222.640%#	
35) Dibromofluoromethane	7.710	113	224642	108.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.680%#	
50) Toluene-d8	10.179	98	868302	106.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 213.500%#	
62) 4-Bromofluorobenzene	12.483	95	276861	105.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 210.800%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	184222	96.840	ug/l	100
3) Chloromethane	2.107	50	266536	104.668	ug/l	98
4) Vinyl Chloride	2.241	62	319988	103.659	ug/l	97
5) Bromomethane	2.638	94	224268	104.611	ug/l	98
6) Chloroethane	2.784	64	208340	106.345	ug/l	98
7) Trichlorofluoromethane	3.113	101	376576	104.148	ug/l	99
8) Diethyl Ether	3.522	74	129091	108.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	234357	101.700	ug/l	98
10) Methyl Iodide	4.082	142	309306	114.944	ug/l	98
11) Tert butyl alcohol	4.948	59	86601	573.677	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	242626	104.589	ug/l	93
13) Acrolein	3.717	56	93682	548.674	ug/l	99
14) Allyl chloride	4.466	41	318700	107.991	ug/l	97
15) Acrylonitrile	5.149	53	257355	562.222	ug/l	99
16) Acetone	3.936	43	210460	597.623	ug/l	95
17) Carbon Disulfide	4.186	76	700105	110.857	ug/l	99
18) Methyl Acetate	4.460	43	153532	153.048	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	563377	109.022	ug/l	99
20) Methylene Chloride	4.704	84	250249	100.536	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	260992	106.135	ug/l	95
22) Diisopropyl ether	6.113	45	661975	105.740	ug/l	97
23) Vinyl Acetate	6.052	43	1987031	522.211	ug/l	100
24) 1,1-Dichloroethane	6.009	63	408039	105.823	ug/l	99
25) 2-Butanone	6.978	43	325371	577.996	ug/l	96
26) 2,2-Dichloropropane	6.978	77	359281	102.951	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	307892	105.948	ug/l	97
28) Bromochloromethane	7.332	49	157468	102.175	ug/l	94
29) Tetrahydrofuran	7.338	42	206621	556.055	ug/l	94
30) Chloroform	7.503	83	422326	104.916	ug/l	99
31) Cyclohexane	7.783	56	349901	104.264	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	371792	103.048	ug/l	98
36) 1,1-Dichloropropene	7.911	75	303233	102.480	ug/l	98
37) Ethyl Acetate	7.070	43	137276	110.227	ug/l #	96
38) Carbon Tetrachloride	7.899	117	335849	103.876	ug/l	98
39) Methylcyclohexane	9.179	83	431990	101.198	ug/l	97
40) Benzene	8.155	78	1002008	105.277	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	76216m	105.979	ug/l	
42) 1,2-Dichloroethane	8.234	62	231877	111.970	ug/l	98
43) Isopropyl Acetate	8.271	43	289080	113.243	ug/l	95
44) Trichloroethene	8.935	130	269867	104.156	ug/l	99
45) 1,2-Dichloropropane	9.216	63	220445	105.941	ug/l	98
46) Dibromomethane	9.301	93	130762	109.312	ug/l	94
47) Bromodichloromethane	9.496	83	325399	110.032	ug/l	99
48) Methyl methacrylate	9.289	41	136257	116.463	ug/l	92
49) 1,4-Dioxane	9.295	88	32715	2060.323	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	736720	574.206	ug/l	95
52) Toluene	10.240	92	640400	104.514	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	310379	112.363	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	370943	109.858	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	178373	108.545	ug/l	97
56) Ethyl methacrylate	10.508	69	248524	111.355	ug/l	90
57) 1,3-Dichloropropane	10.789	76	290382	108.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	563700	528.946	ug/l	95
59) 2-Hexanone	10.831	43	523885	583.977	ug/l	94
60) Dibromochloromethane	10.984	129	237188	111.249	ug/l	100
61) 1,2-Dibromoethane	11.087	107	170722	110.299	ug/l	99
64) Tetrachloroethene	10.721	164	232454	103.425	ug/l	98
65) Chlorobenzene	11.514	112	724530	105.383	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	238492	107.241	ug/l	99
67) Ethyl Benzene	11.593	91	1205947	103.886	ug/l	95
68) m/p-Xylenes	11.703	106	960868	209.315	ug/l	97
69) o-Xylene	12.026	106	460326	104.492	ug/l	97
70) Styrene	12.044	104	784650	106.654	ug/l	98
71) Bromoform	12.209	173	138190	112.306	ug/l #	97
73) Isopropylbenzene	12.331	105	1157688	100.647	ug/l	98
74) N-amyl acetate	12.142	43	254528	106.597	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	198030	107.925	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	135386m	110.250	ug/l	
77) Bromobenzene	12.605	156	279620	105.818	ug/l	95
78) n-propylbenzene	12.672	91	1351218	100.996	ug/l	97
79) 2-Chlorotoluene	12.758	91	753477	101.347	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	924965	101.981	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	72279	113.403	ug/l	97
82) 4-Chlorotoluene	12.855	91	773867	103.626	ug/l	96
83) tert-Butylbenzene	13.075	119	848402	101.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	918477	103.377	ug/l	98
85) sec-Butylbenzene	13.251	105	1238088	100.891	ug/l	97
86) p-Isopropyltoluene	13.367	119	1032678	102.294	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	529377	103.735	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	523240	105.176	ug/l	99
89) n-Butylbenzene	13.697	91	931526	101.959	ug/l	98
90) Hexachloroethane	13.959	117	205788	103.905	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	461665	105.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27251	109.071	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	275314	111.650	ug/l	99
94) Hexachlorobutadiene	15.111	225	141938	104.325	ug/l	97
95) Naphthalene	15.233	128	525753	116.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	232744	115.012	ug/l	99

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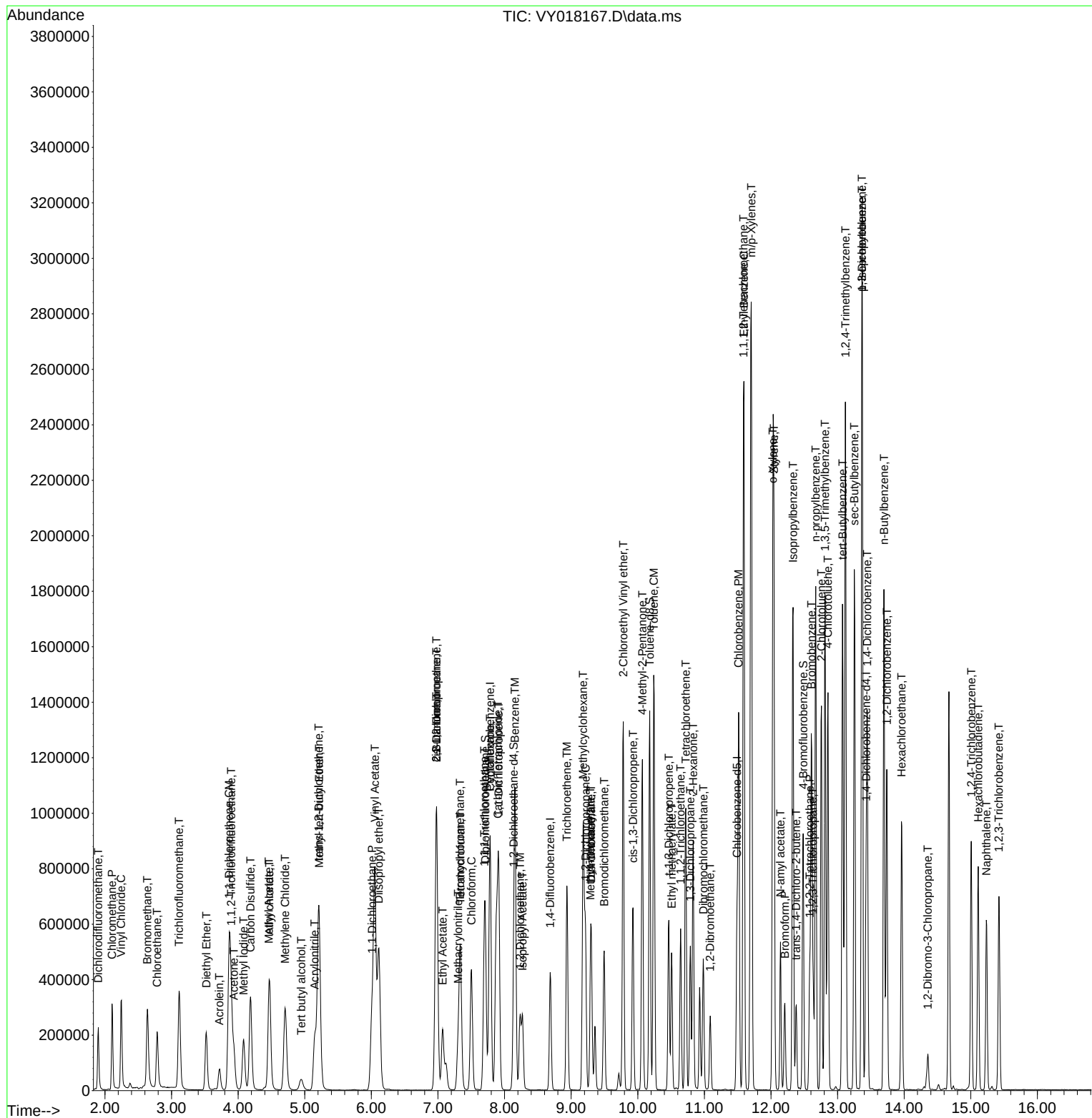
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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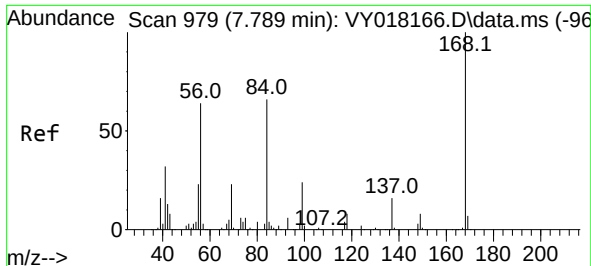
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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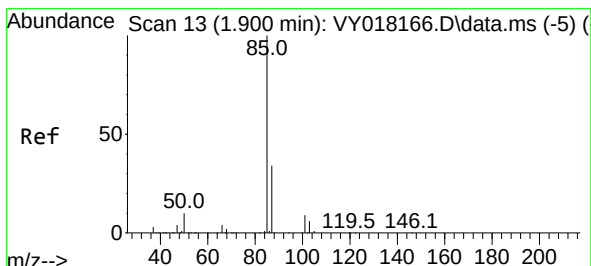
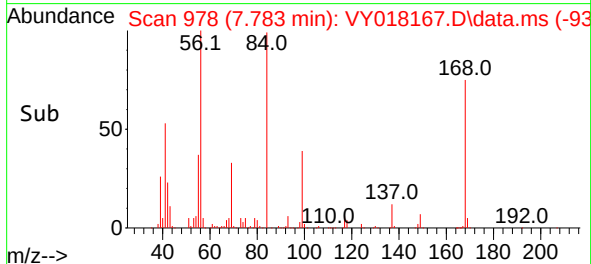
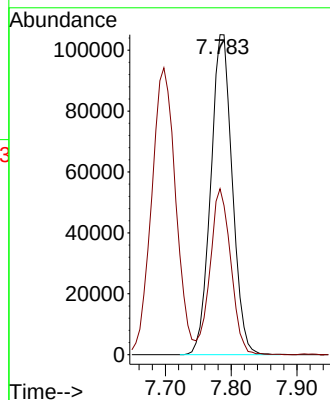
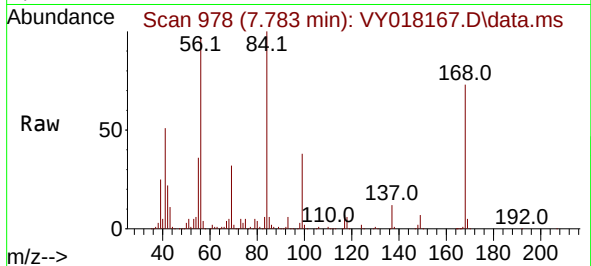




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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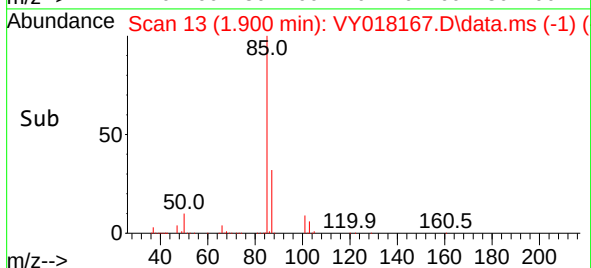
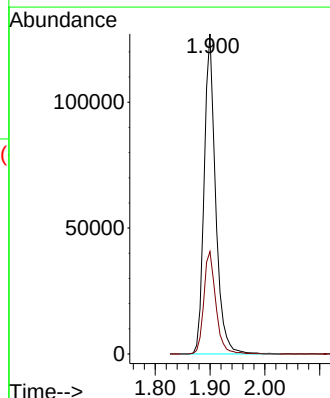
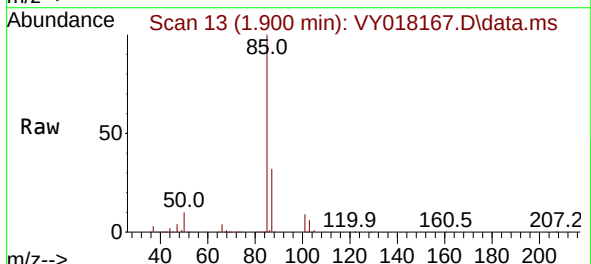
Instrument :
MSVOA_Y
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VSTDICC100

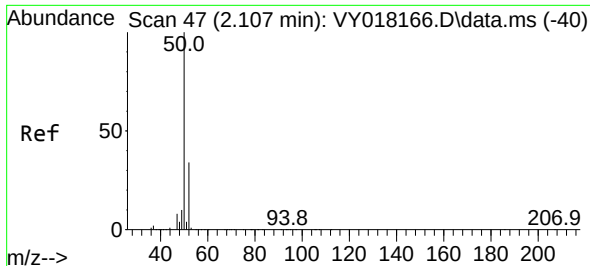
Tgt Ion:168 Resp: 239876
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 96.840 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 85 Resp: 184222
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

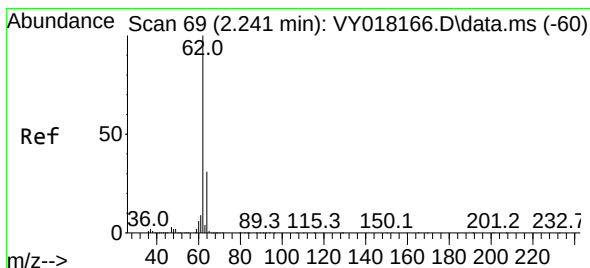
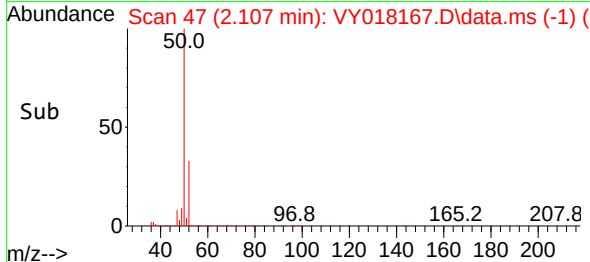
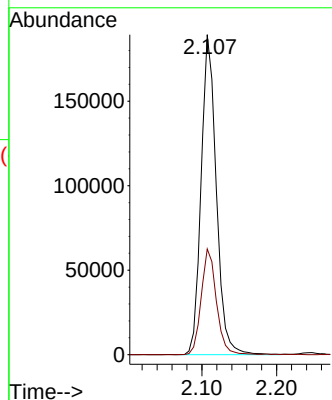
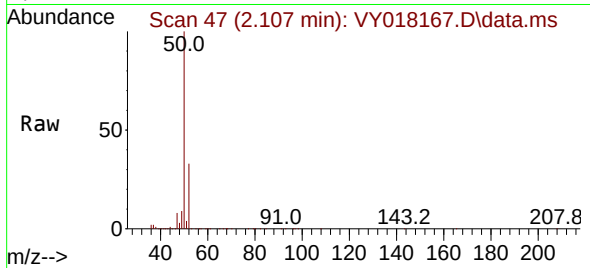




#3
Chloromethane
Concen: 104.668 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

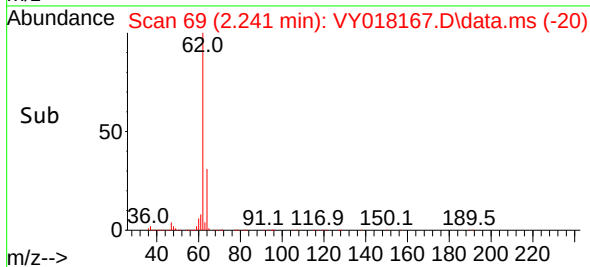
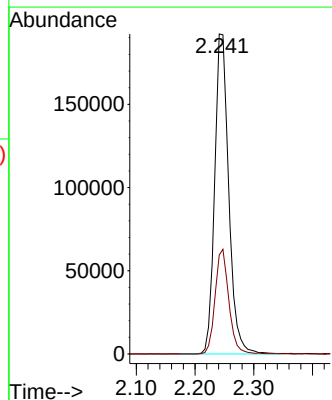
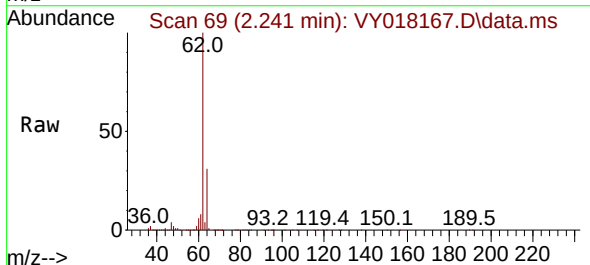
Instrument :
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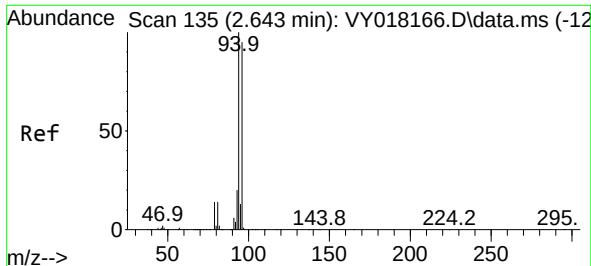
Tgt Ion: 50 Resp: 266536
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 103.659 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 62 Resp: 319988
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

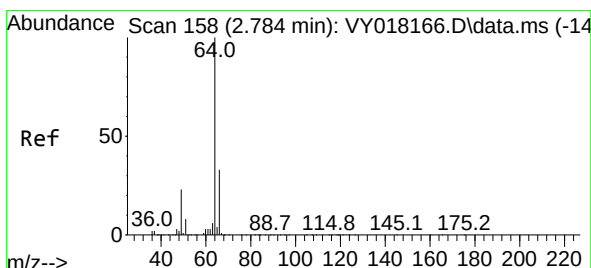
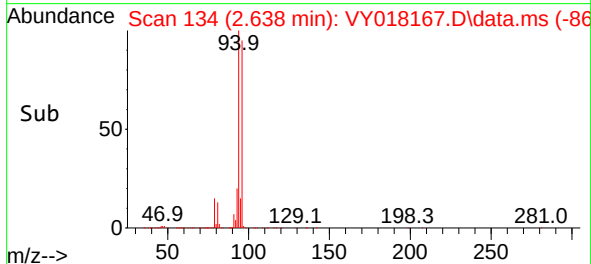
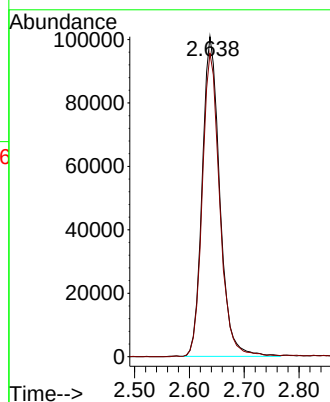
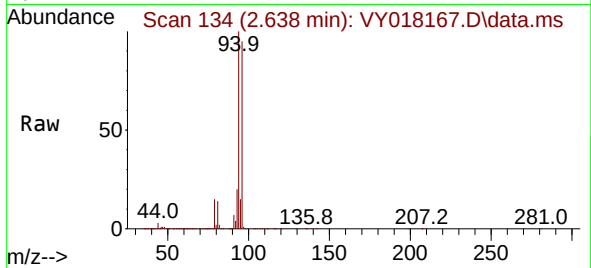




#5
Bromomethane
Concen: 104.611 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018167.D
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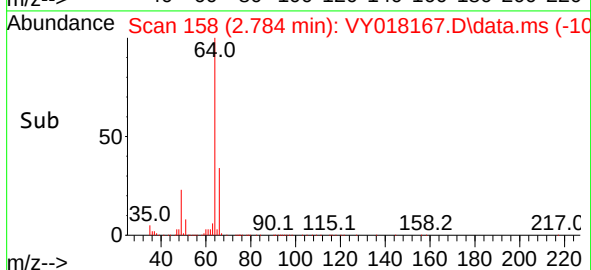
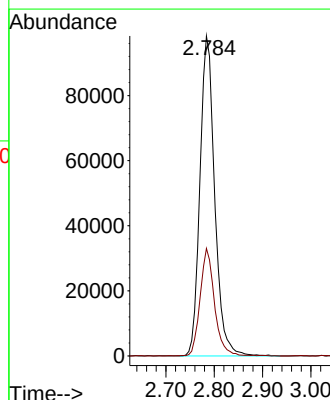
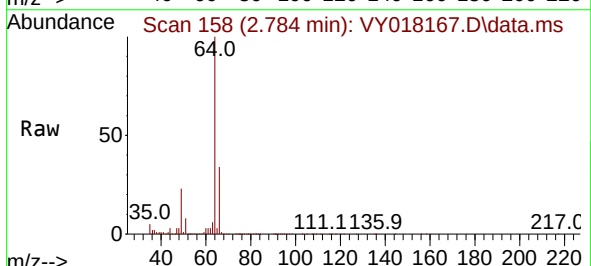
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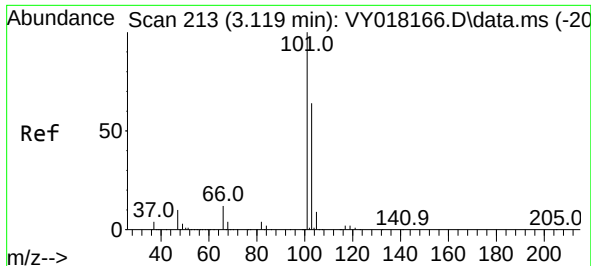
Tgt Ion: 94 Resp: 224268
Ion Ratio Lower Upper
94 100
96 94.9 74.1 111.1



#6
Chloroethane
Concen: 106.345 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 64 Resp: 208340
Ion Ratio Lower Upper
64 100
66 33.6 26.1 39.1

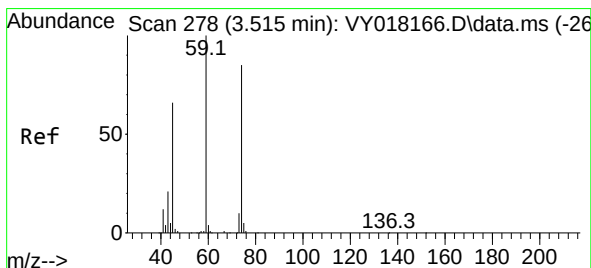
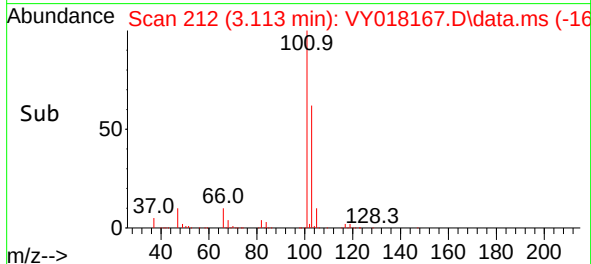
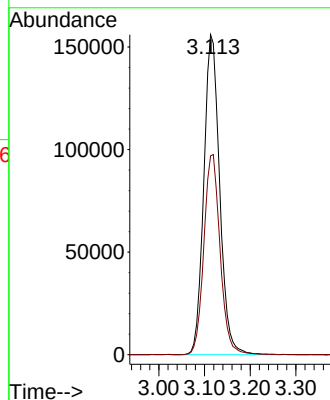
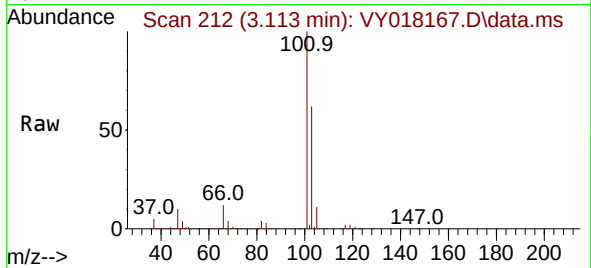




#7
Trichlorofluoromethane
Concen: 104.148 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

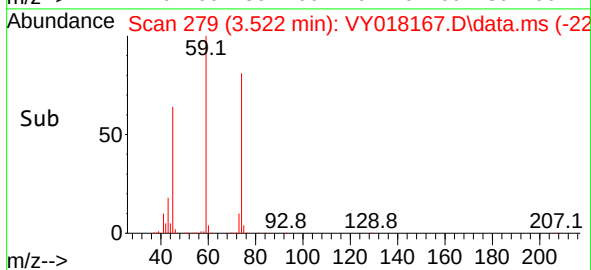
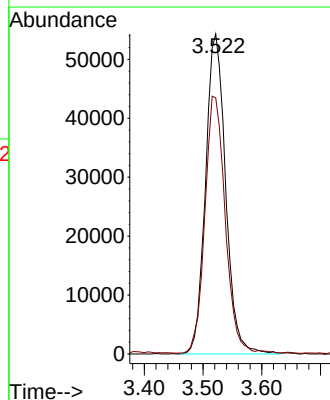
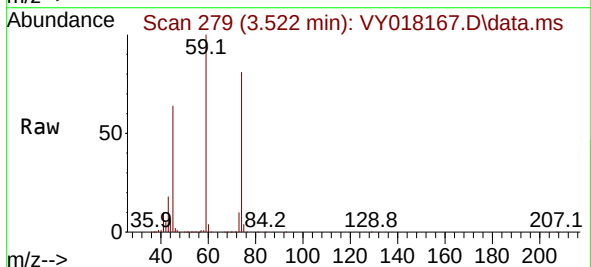
Instrument :
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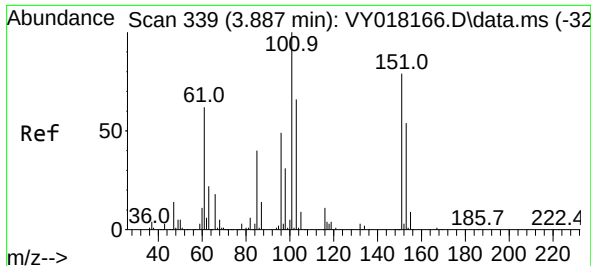
Tgt Ion:101 Resp: 376576
Ion Ratio Lower Upper
101 100
103 62.2 49.3 73.9



#8
Diethyl Ether
Concen: 108.452 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.006 min
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Acq: 07 May 2024 11:02

Tgt Ion: 74 Resp: 129091
Ion Ratio Lower Upper
74 100
45 80.9 41.3 124.1

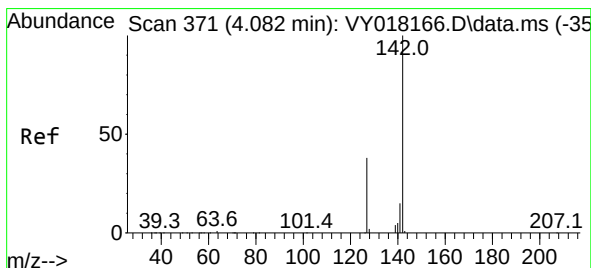
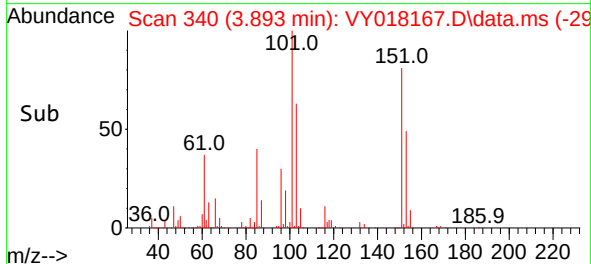
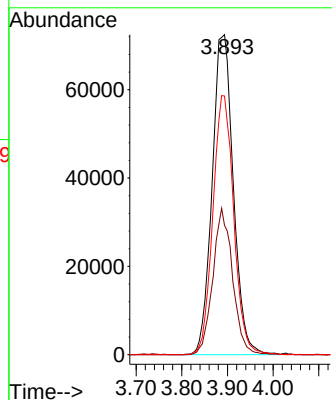
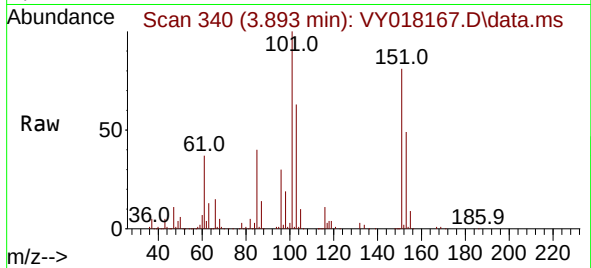




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.700 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

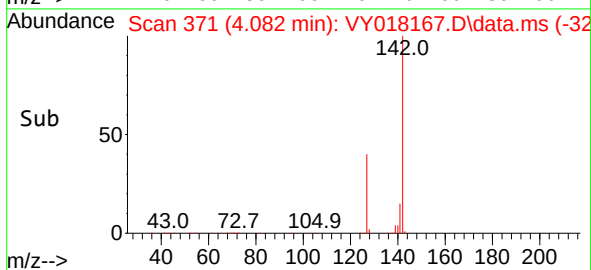
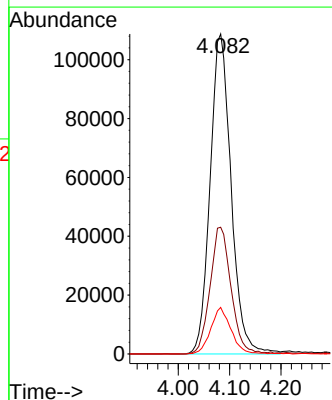
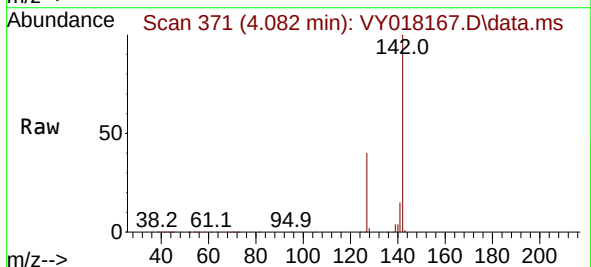
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

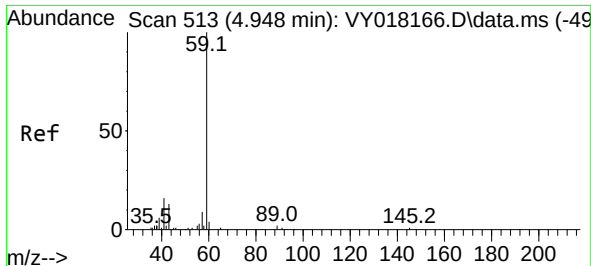
Tgt Ion:101 Resp: 234357
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 79.5 61.7 92.5



#10
Methyl Iodide
Concen: 114.944 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion:142 Resp: 309306
Ion Ratio Lower Upper
142 100
127 39.6 32.8 49.2
141 14.0 11.4 17.2

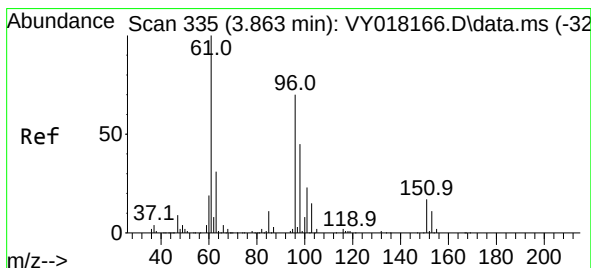
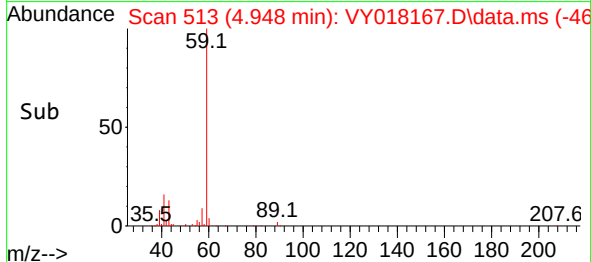
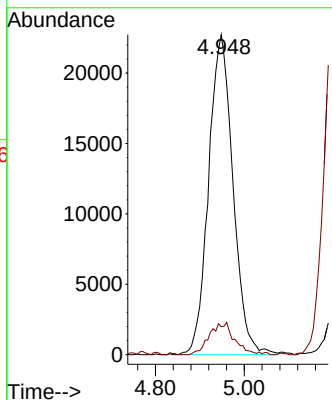
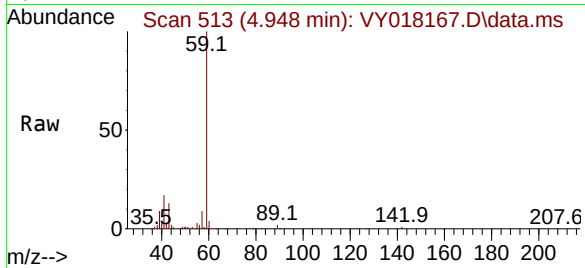




#11
Tert butyl alcohol
Concen: 573.677 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

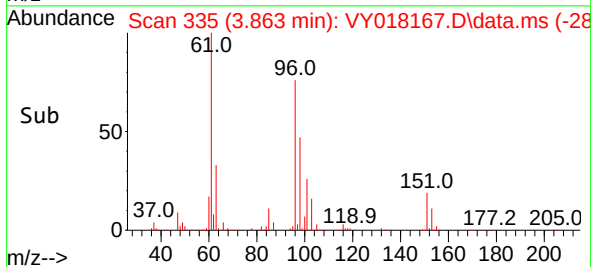
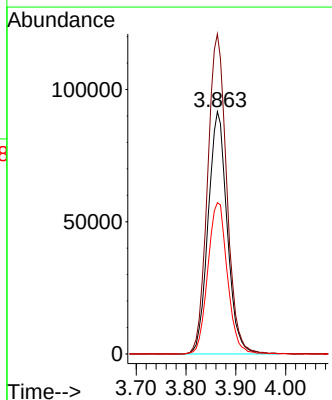
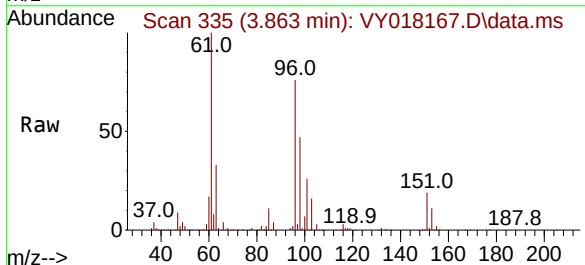
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

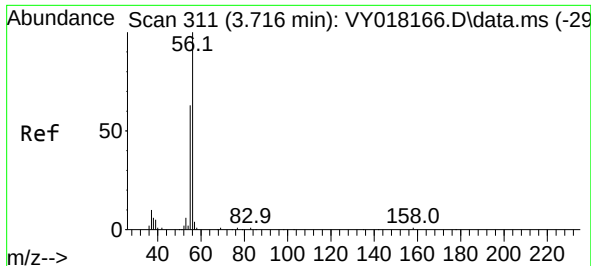
Tgt Ion: 59 Resp: 86601
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 104.589 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 96 Resp: 242626
Ion Ratio Lower Upper
96 100
61 132.0 114.6 171.8
98 62.4 50.8 76.2

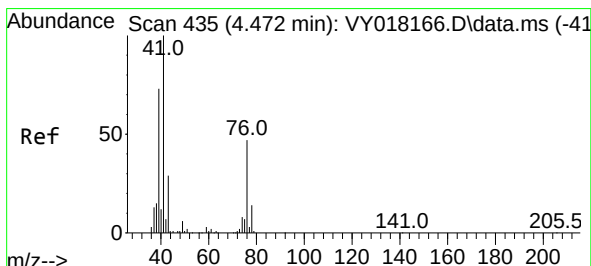
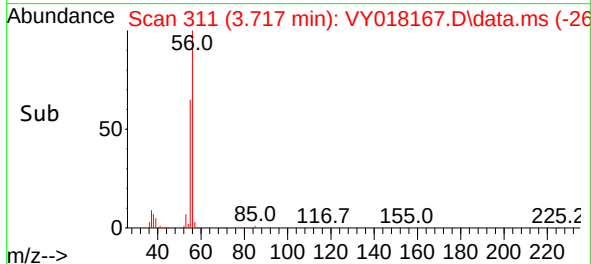
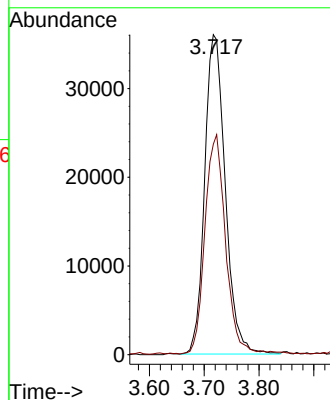
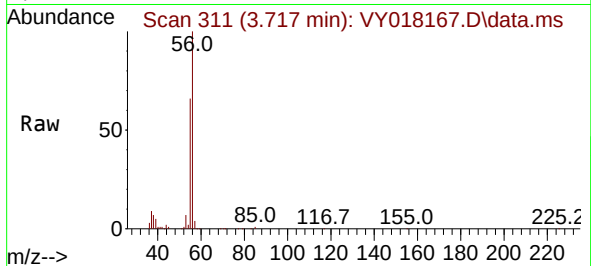




#13
Acrolein
Concen: 548.674 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

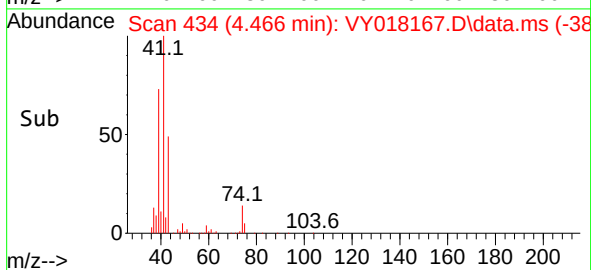
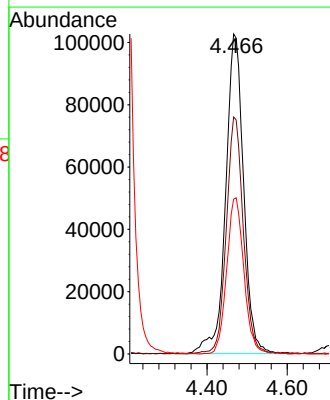
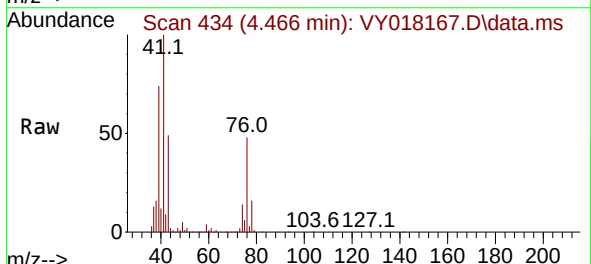
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

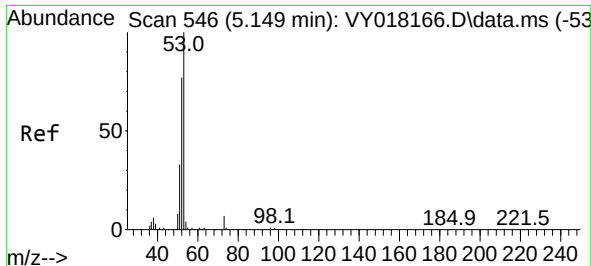
Tgt Ion: 56 Resp: 93682
Ion Ratio Lower Upper
56 100
55 68.9 55.7 83.5



#14
Allyl chloride
Concen: 107.991 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 41 Resp: 318700
Ion Ratio Lower Upper
41 100
39 70.7 58.3 87.5
76 46.9 39.0 58.6

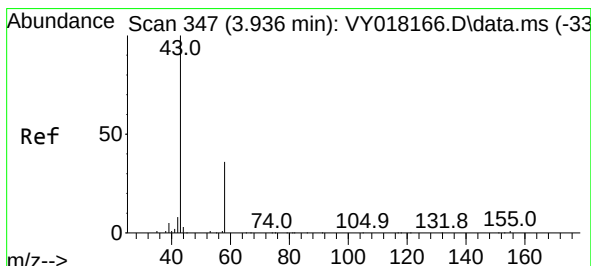
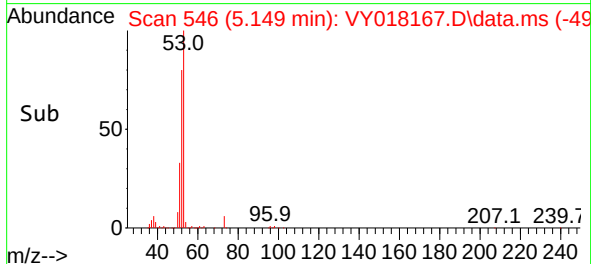
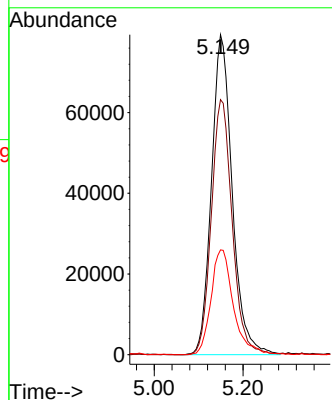
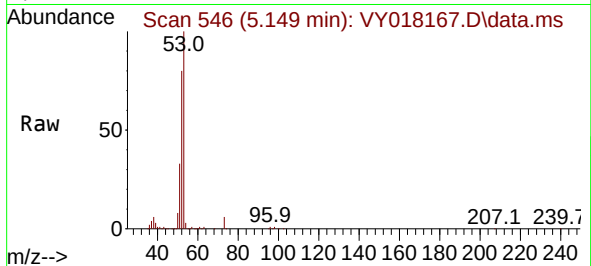




#15
Acrylonitrile
Concen: 562.222 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

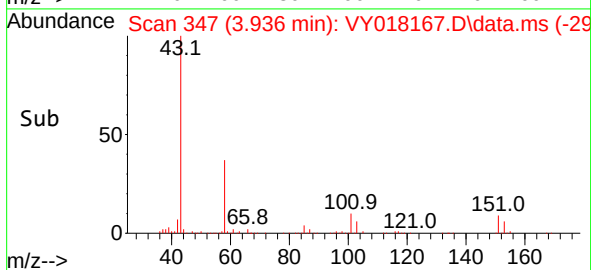
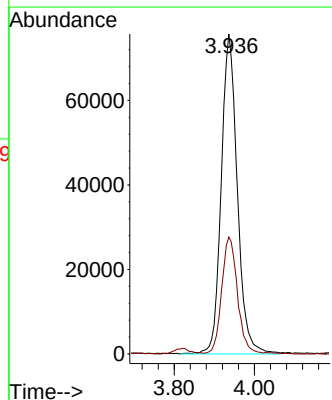
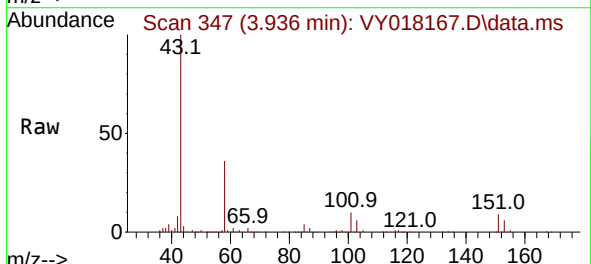
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

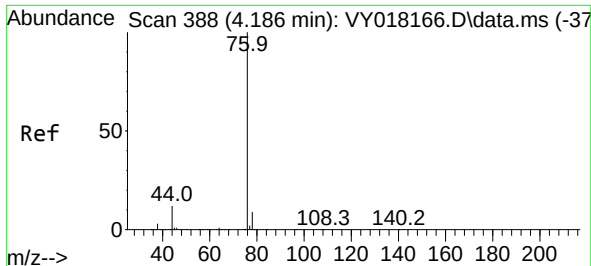
Tgt Ion: 53 Resp: 257355
Ion Ratio Lower Upper
53 100
52 80.0 64.7 97.1
51 35.4 28.4 42.6



#16
Acetone
Concen: 597.623 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 43 Resp: 210460
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5

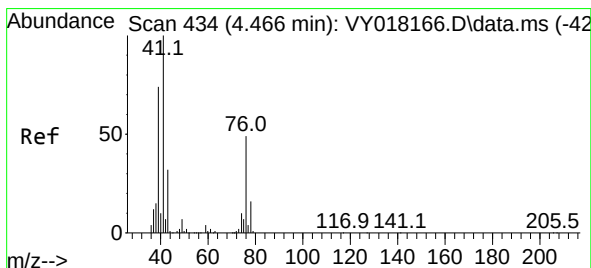
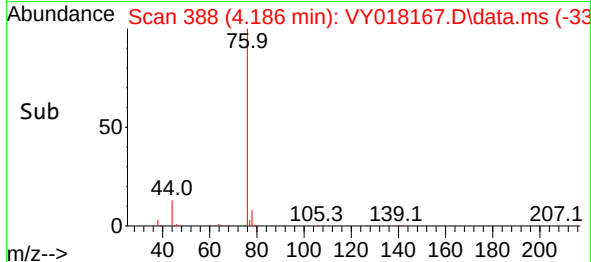
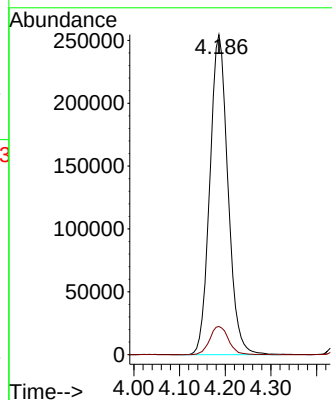
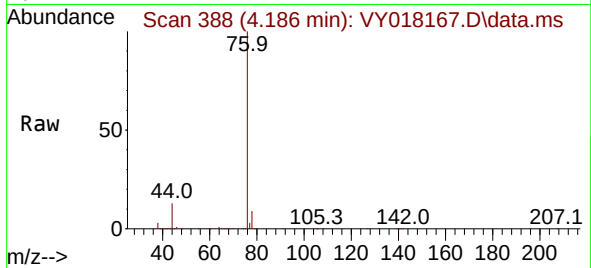




#17
Carbon Disulfide
Concen: 110.857 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

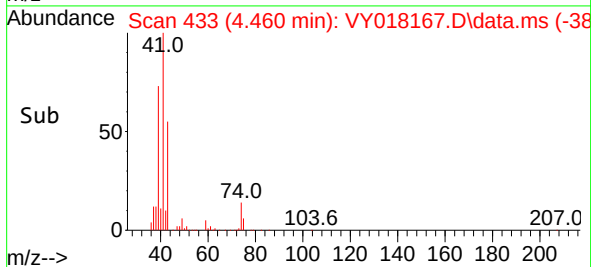
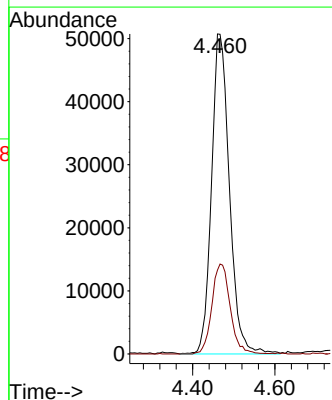
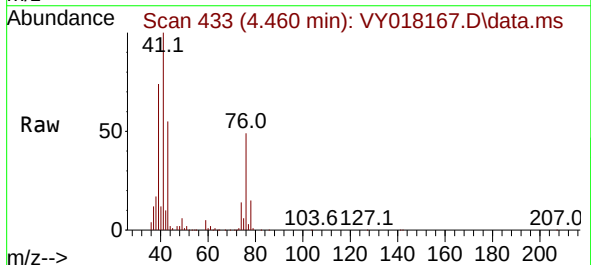
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

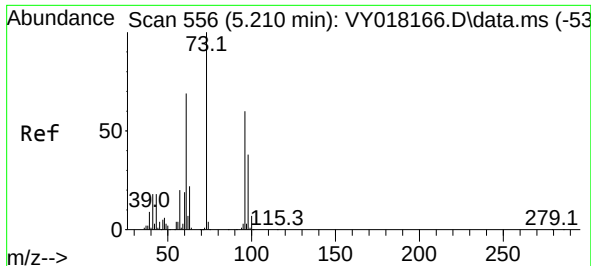
Tgt Ion: 76 Resp: 700105
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 153.048 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 43 Resp: 153532
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 109.022 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

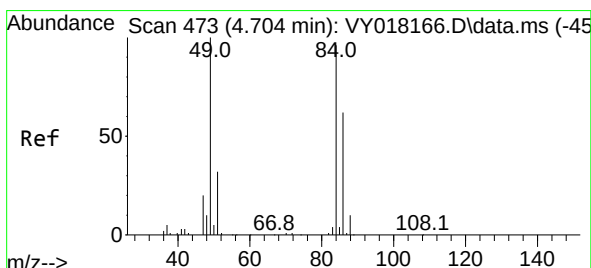
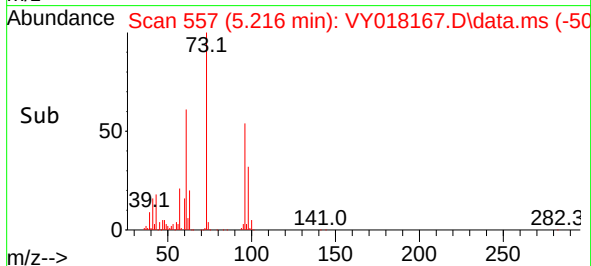
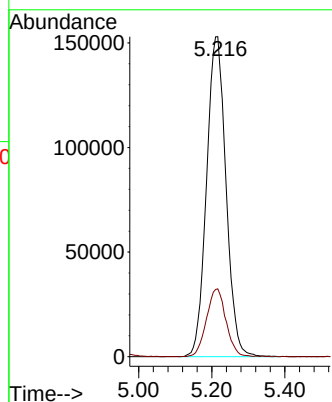
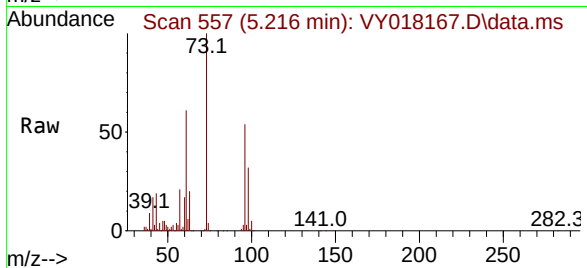
VSTDICC100

Tgt Ion: 73 Resp: 563377

Ion Ratio Lower Upper

73 100

57 21.2 17.3 25.9



#20

Methylene Chloride

Concen: 100.536 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Tgt Ion: 84 Resp: 250249

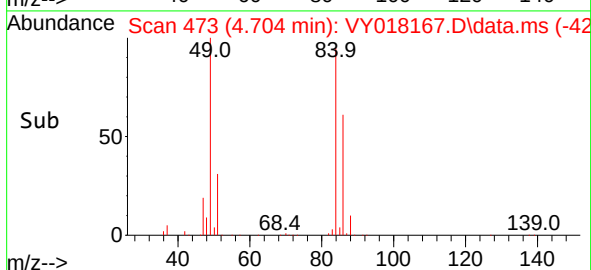
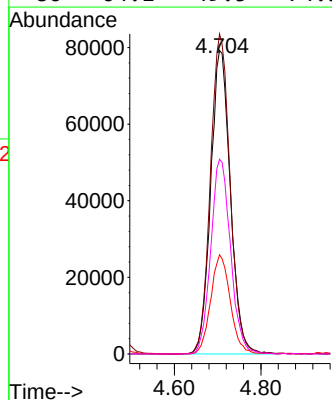
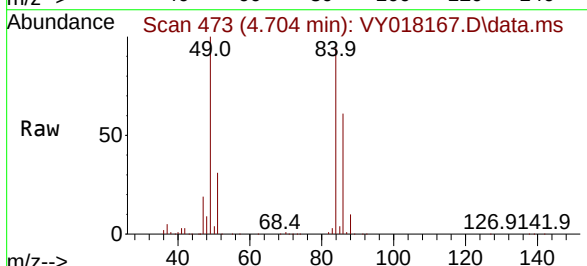
Ion Ratio Lower Upper

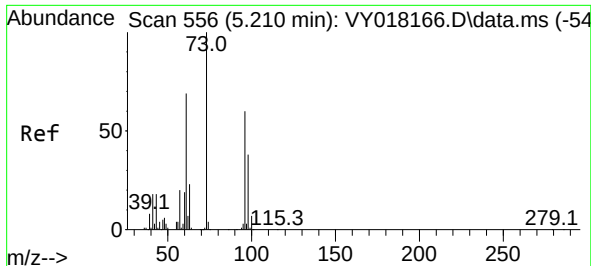
84 100

49 105.4 84.4 126.6

51 32.7 26.0 39.0

86 64.1 49.5 74.3

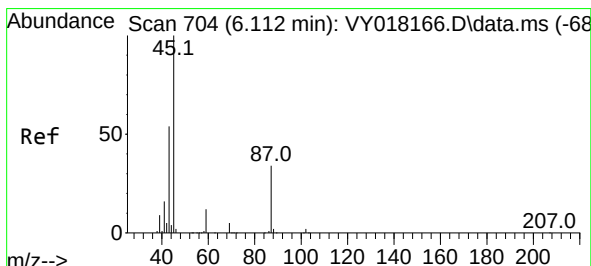
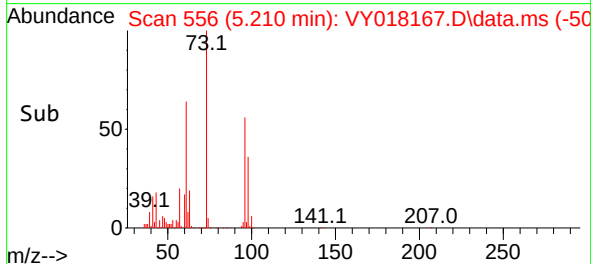
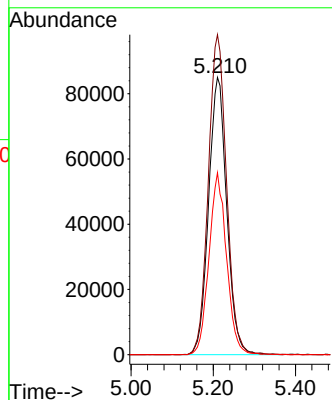
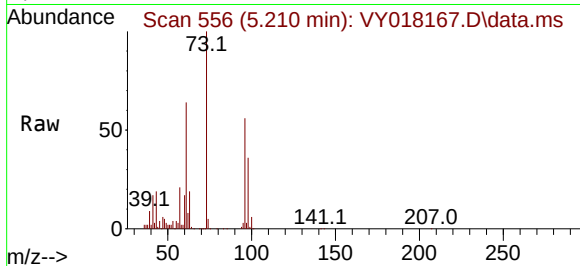




#21
trans-1,2-Dichloroethene
Concen: 106.135 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

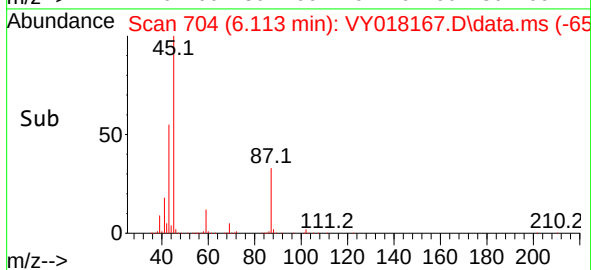
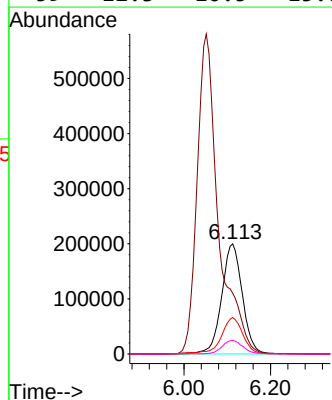
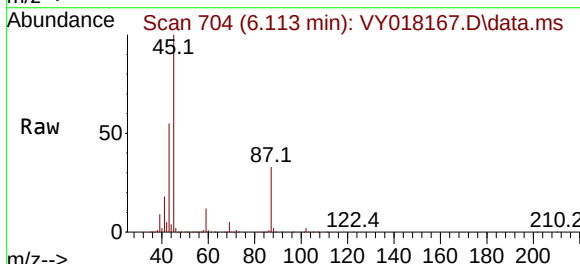
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

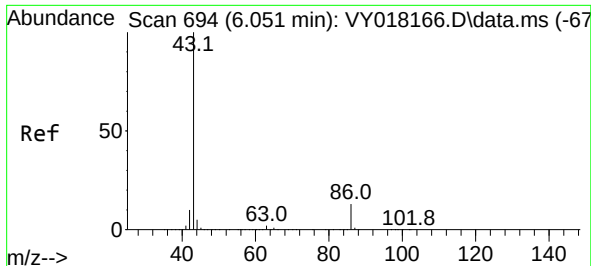
Tgt Ion: 96 Resp: 260992
Ion Ratio Lower Upper
96 100
61 115.4 97.5 146.3
98 65.6 50.5 75.7



#22
Diisopropyl ether
Concen: 105.740 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 45 Resp: 661975
Ion Ratio Lower Upper
45 100
43 54.8 42.2 63.2
87 33.1 25.0 37.6
59 12.3 10.5 15.7

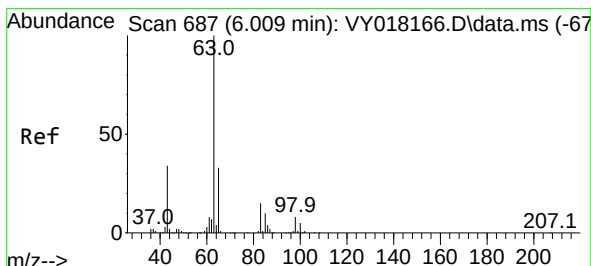
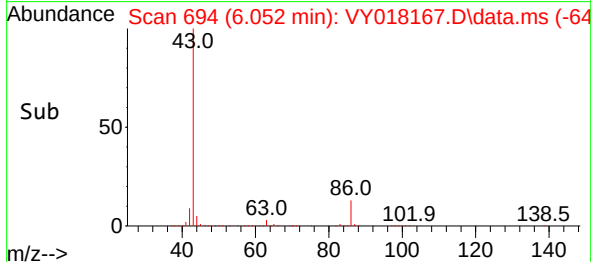
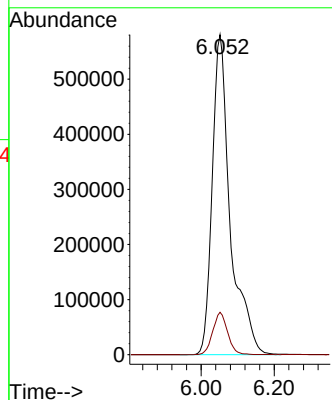
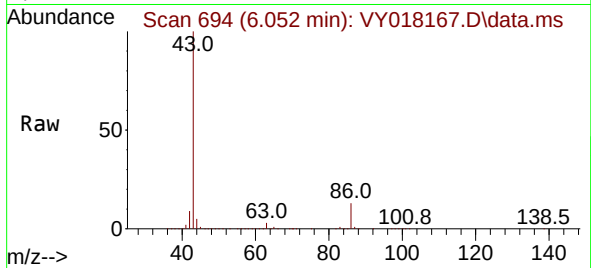




#23
 Vinyl Acetate
 Concen: 522.211 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

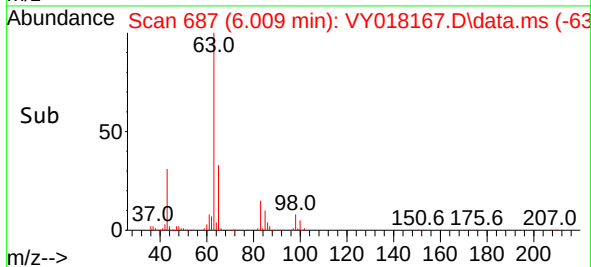
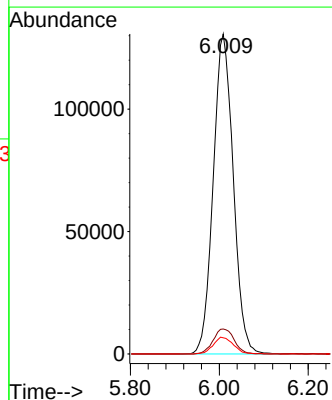
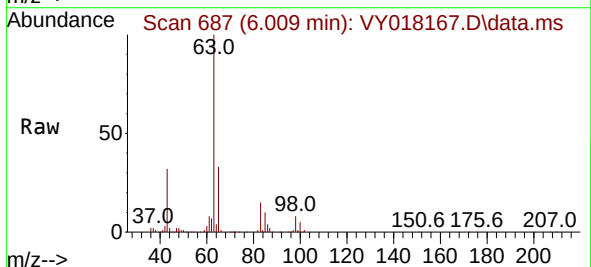
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

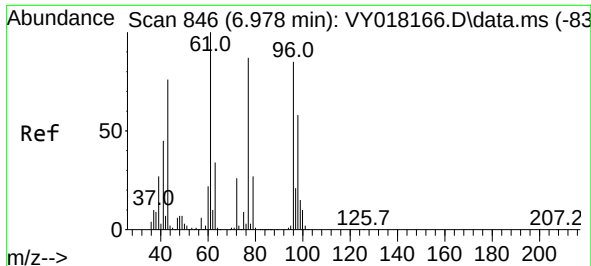
Tgt Ion: 43 Resp: 1987031
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 105.823 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

Tgt Ion: 63 Resp: 408039
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 577.996 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

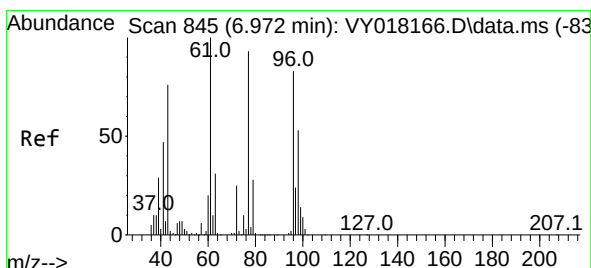
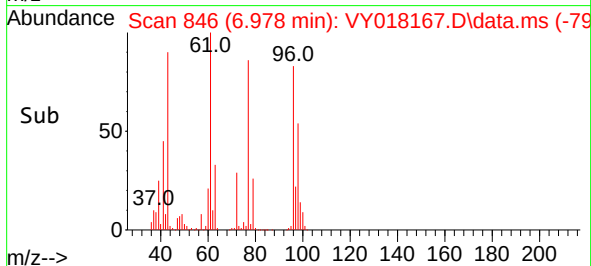
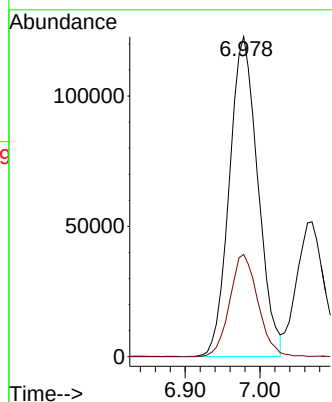
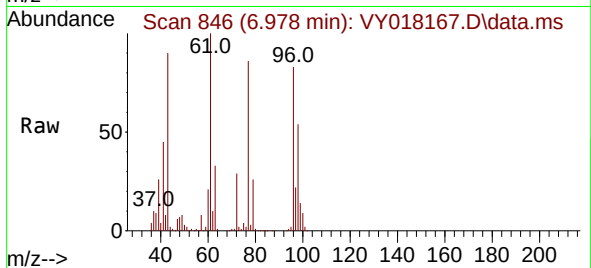
VSTDICC100

Tgt Ion: 43 Resp: 325371

Ion Ratio Lower Upper

43 100

72 32.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 102.951 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018167.D

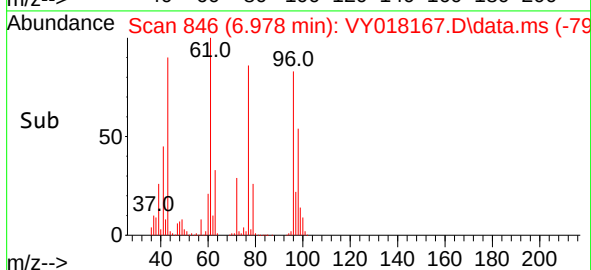
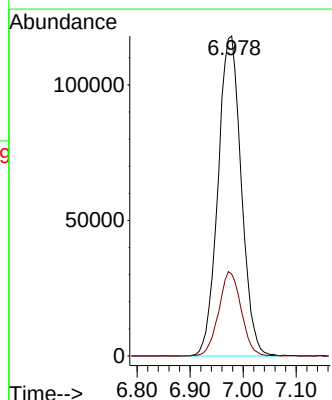
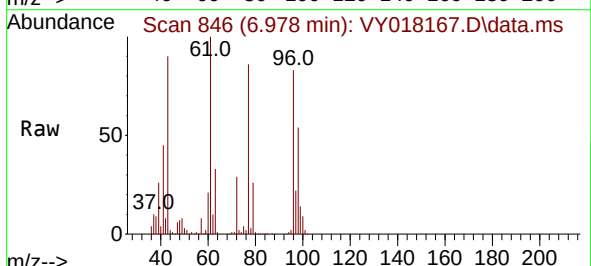
Acq: 07 May 2024 11:02

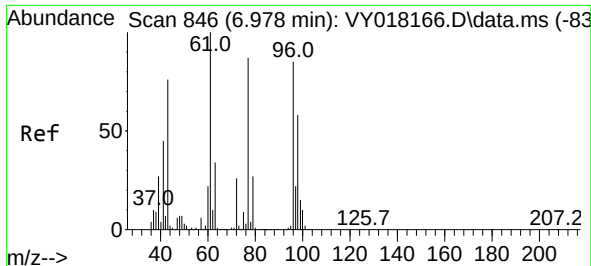
Tgt Ion: 77 Resp: 359281

Ion Ratio Lower Upper

77 100

97 25.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 105.948 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

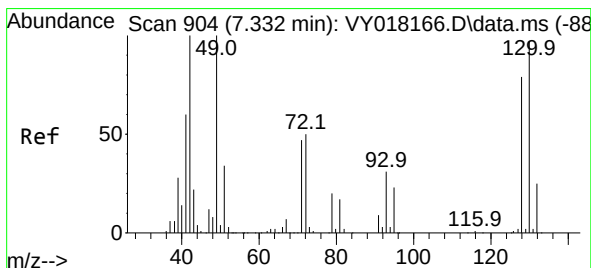
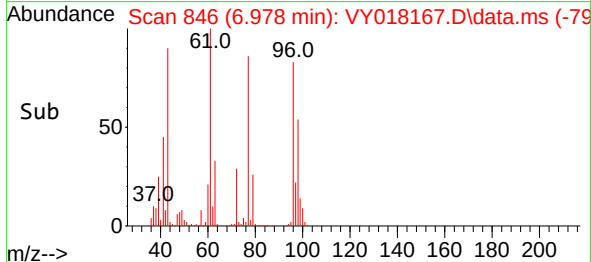
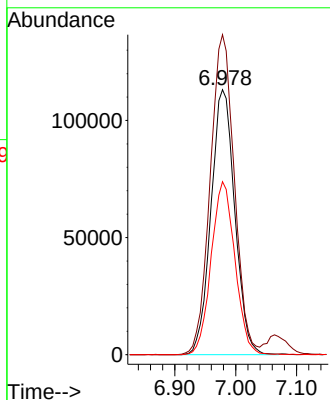
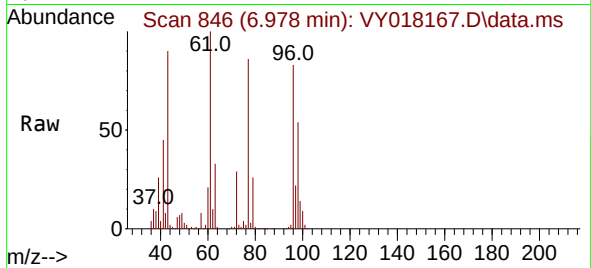
Tgt Ion: 96 Resp: 307892

Ion Ratio Lower Upper

96 100

61 122.4 0.0 256.2

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 102.175 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

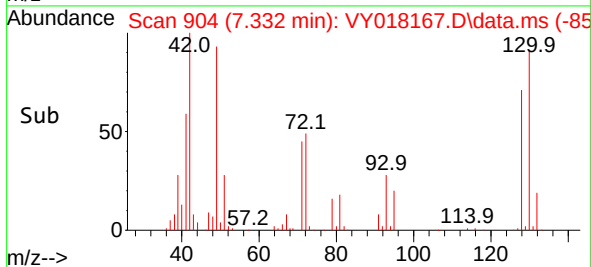
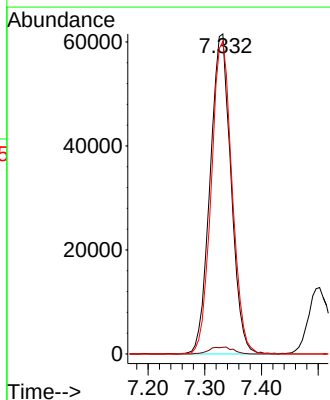
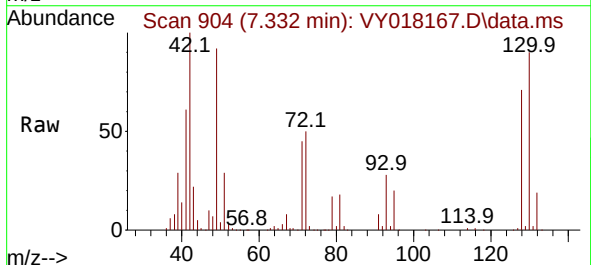
Tgt Ion: 49 Resp: 157468

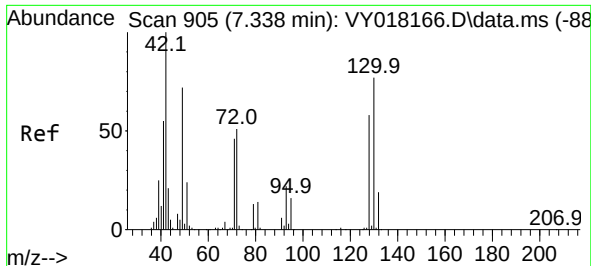
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 97.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 556.055 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

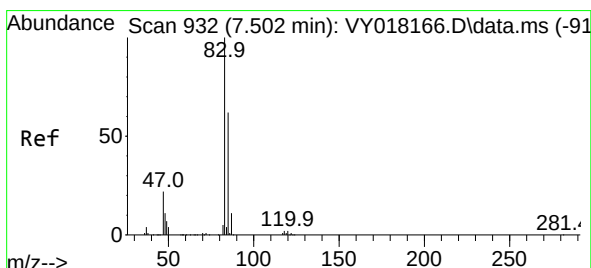
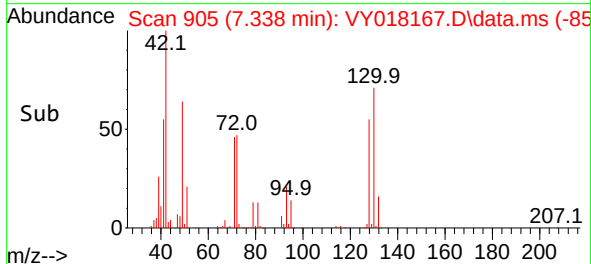
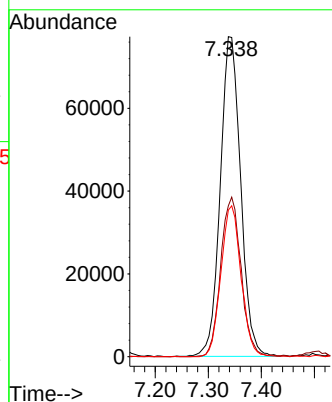
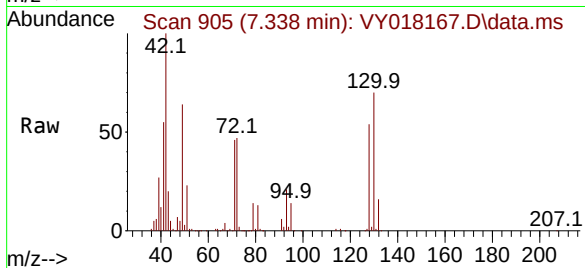
Tgt Ion: 42 Resp: 206621

Ion Ratio Lower Upper

42 100

72 50.0 43.0 64.4

71 46.8 40.8 61.2



#30

Chloroform

Concen: 104.916 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018167.D

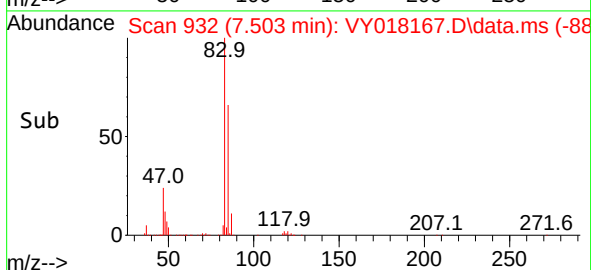
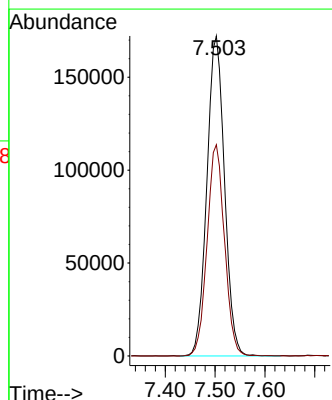
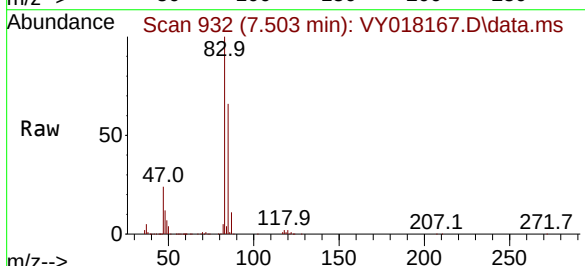
Acq: 07 May 2024 11:02

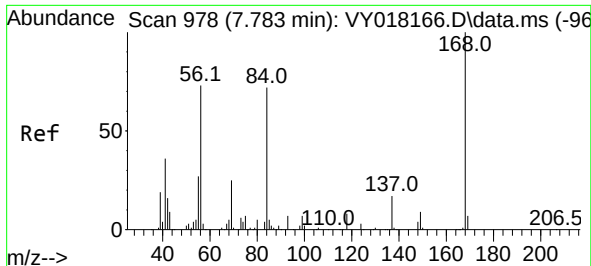
Tgt Ion: 83 Resp: 422326

Ion Ratio Lower Upper

83 100

85 66.0 52.2 78.4

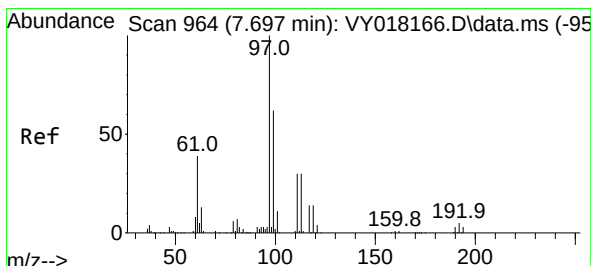
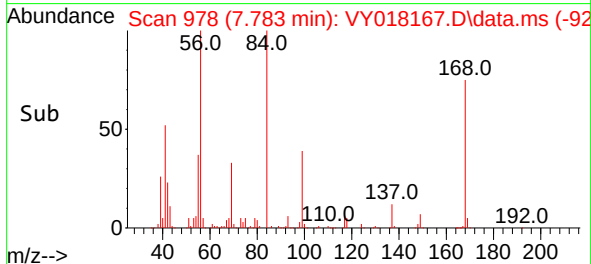
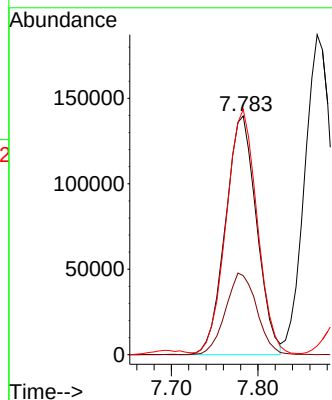
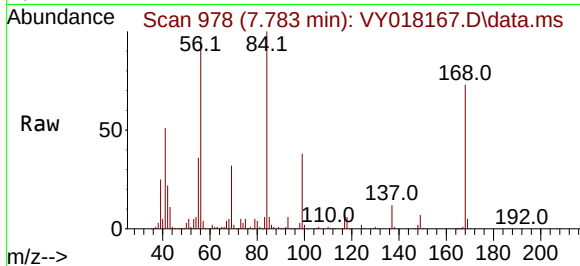




#31
Cyclohexane
Concen: 104.264 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

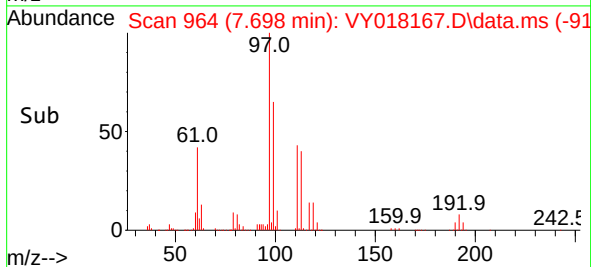
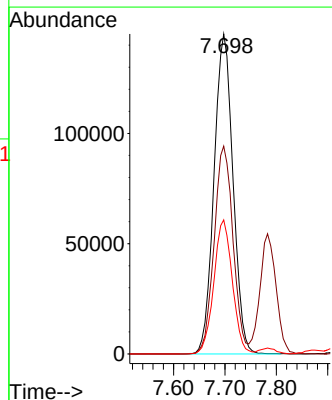
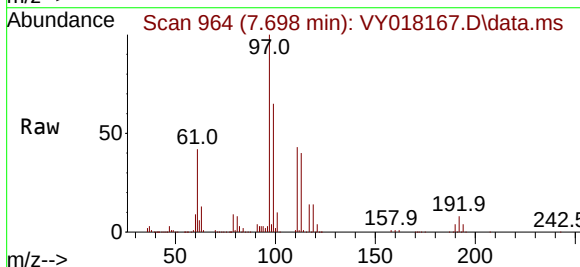
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

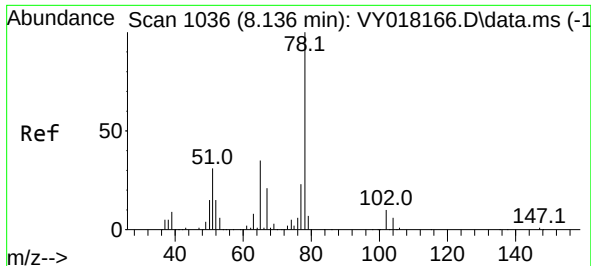
Tgt Ion: 56 Resp: 349901
Ion Ratio Lower Upper
56 100
69 33.1 28.7 43.1
84 101.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 103.048 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 97 Resp: 371792
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 40.9 32.6 48.8

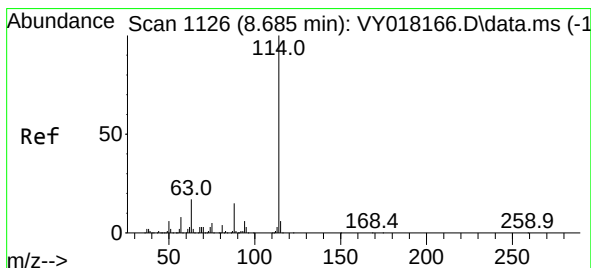
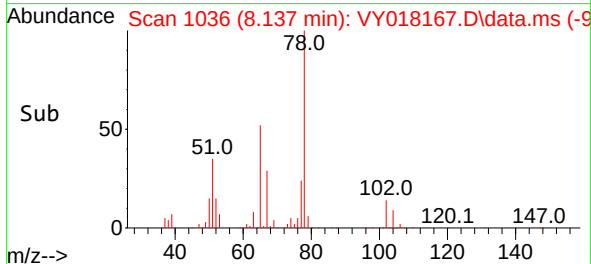
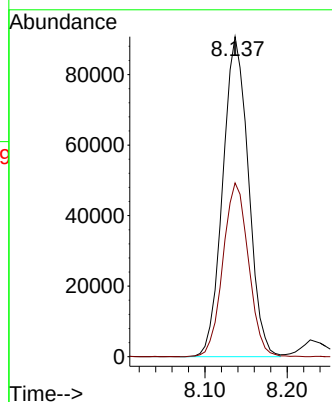
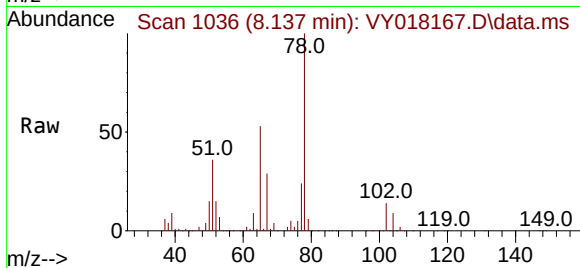




#33
 1,2-Dichloroethane-d4
 Concen: 111.315 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

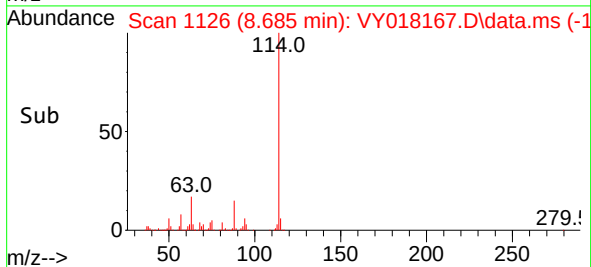
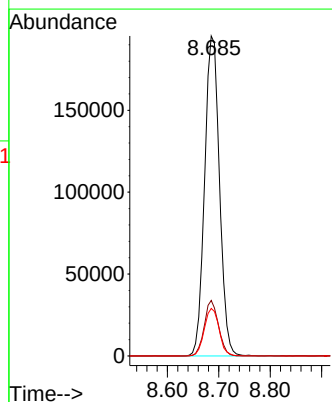
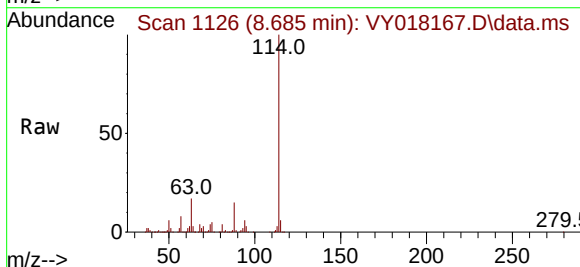
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

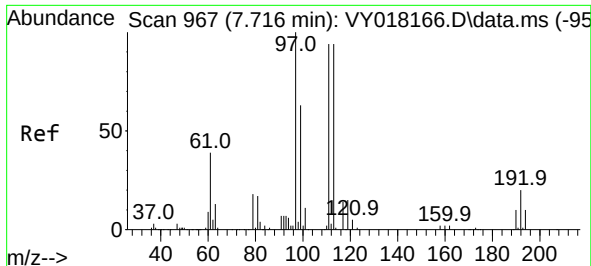
Tgt Ion: 65 Resp: 196437
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

Tgt Ion: 114 Resp: 392744
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 14.9 0.0 27.2

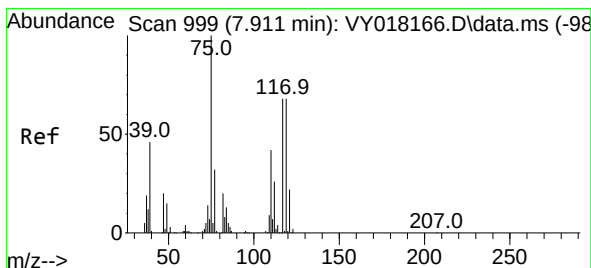
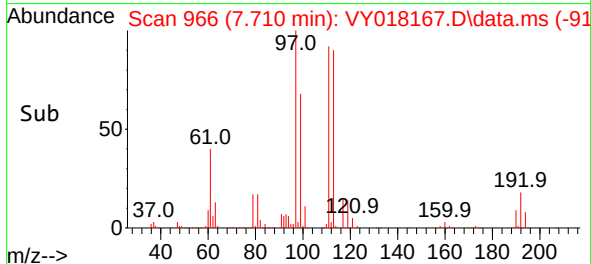
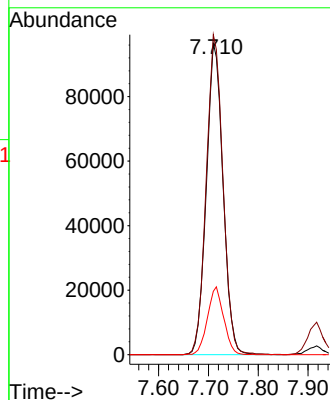
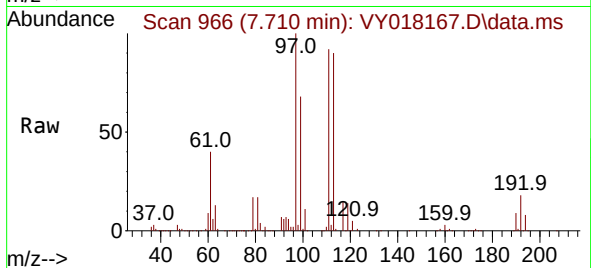




#35
Dibromofluoromethane
Concen: 108.835 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

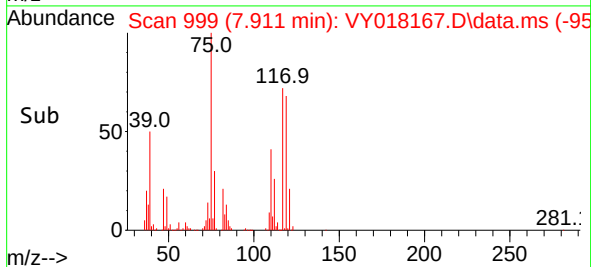
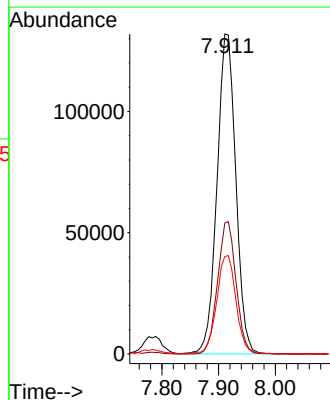
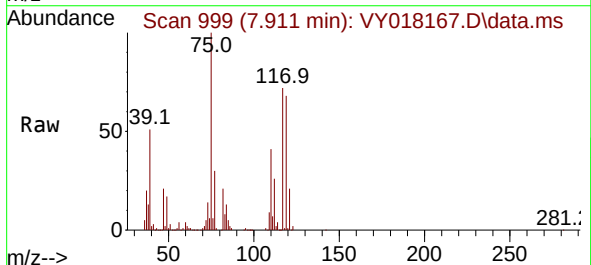
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

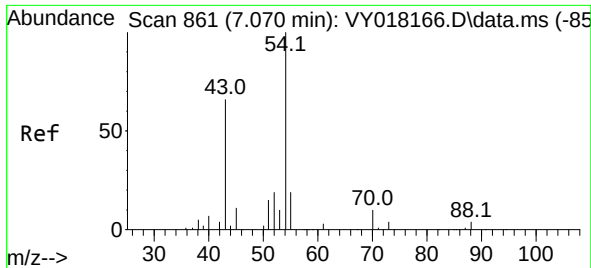
Tgt Ion:113 Resp: 224642
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 102.480 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 75 Resp: 303233
Ion Ratio Lower Upper
75 100
110 40.6 19.0 57.0
77 31.8 25.3 37.9

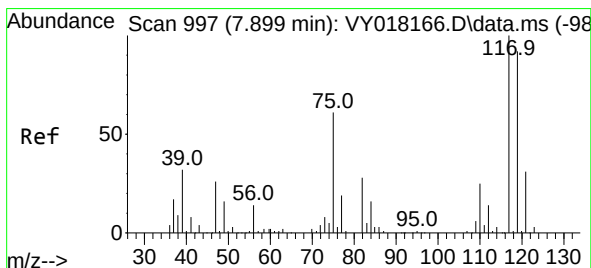
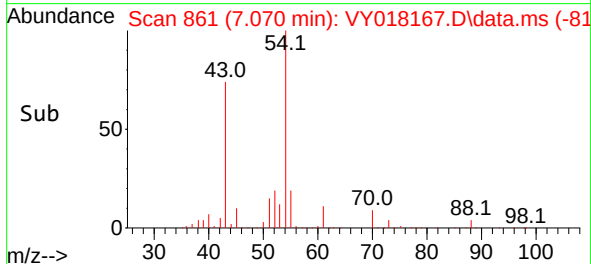
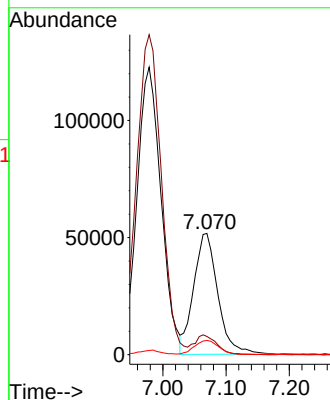
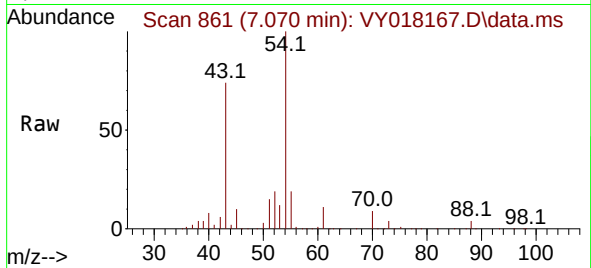




#37
Ethyl Acetate
Concen: 110.227 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

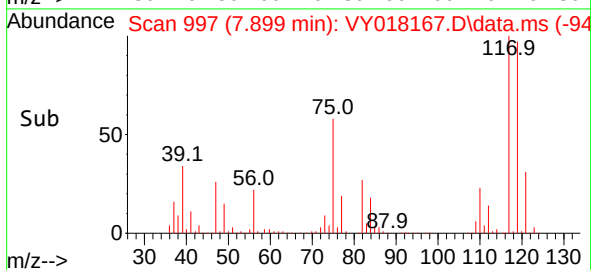
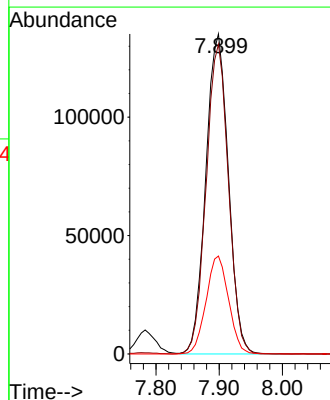
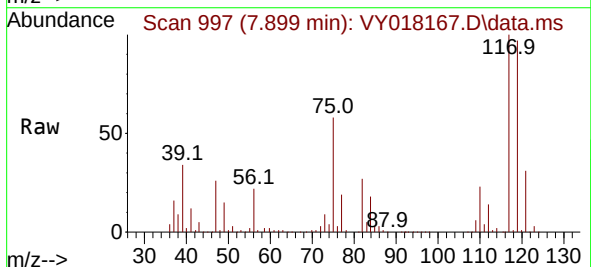
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

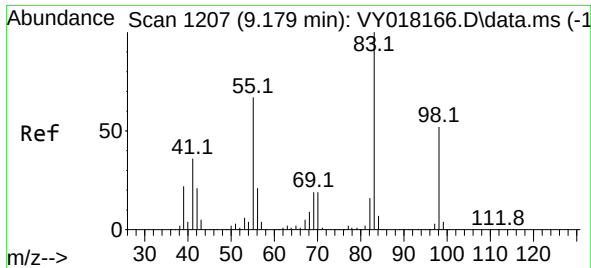
Tgt Ion: 43 Resp: 137276
Ion Ratio Lower Upper
43 100
61 14.7 12.6 19.0
70 12.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 103.876 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 117 Resp: 335849
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 30.6 24.0 36.0

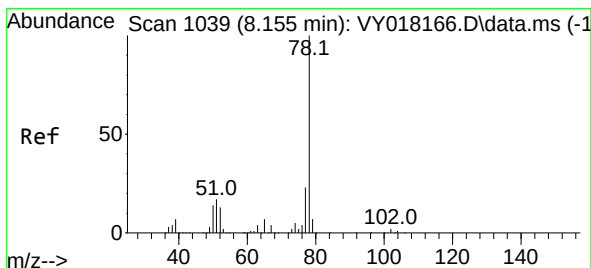
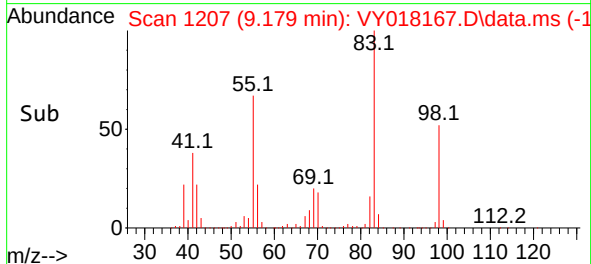
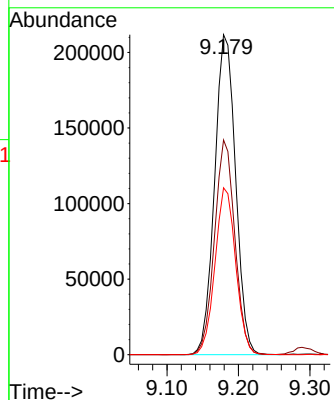
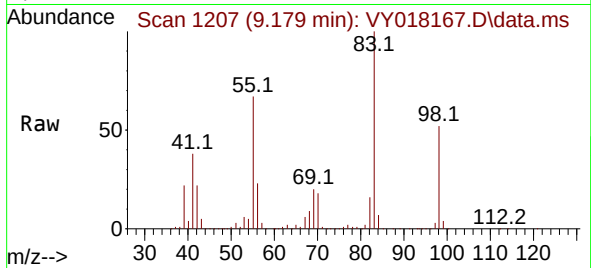




#39
Methylcyclohexane
Concen: 101.198 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

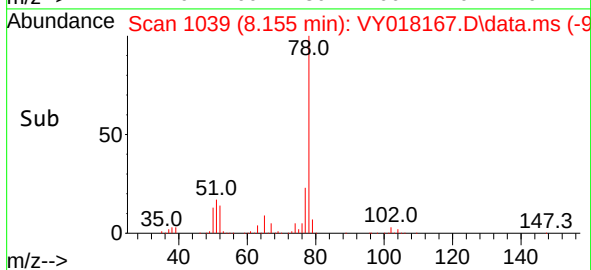
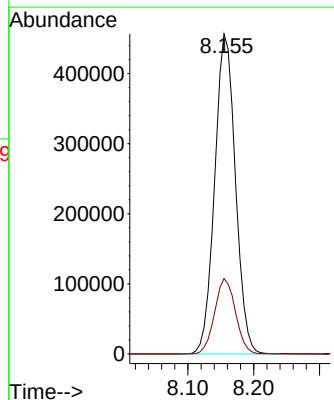
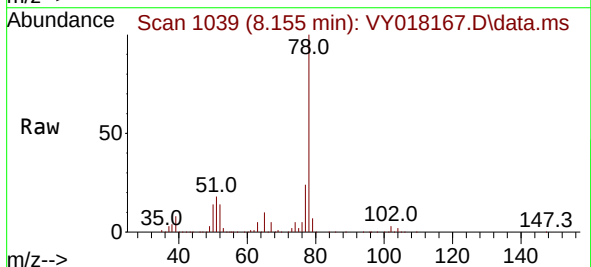
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

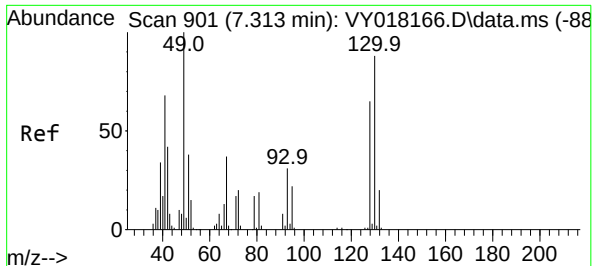
Tgt Ion: 83 Resp: 431990
Ion Ratio Lower Upper
83 100
55 67.0 51.5 77.3
98 52.1 40.5 60.7



#40
Benzene
Concen: 105.277 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

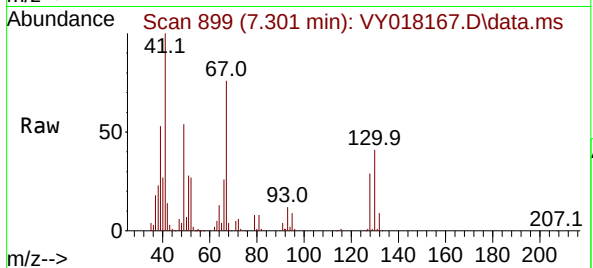
Tgt Ion: 78 Resp: 1002008
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3





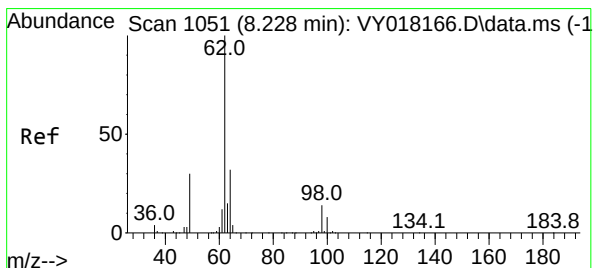
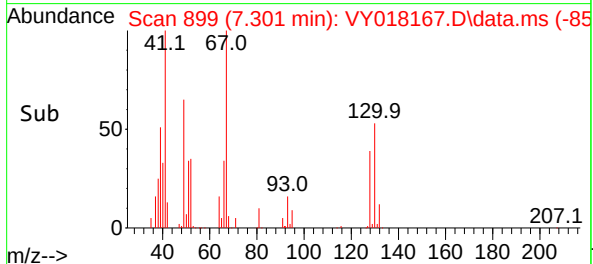
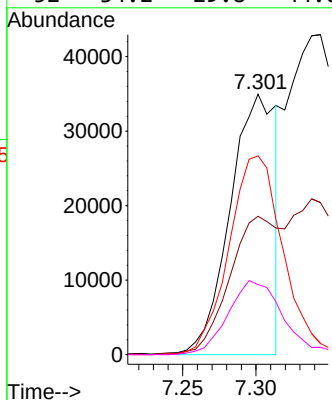
#41
Methacrylonitrile
Concen: 105.979 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 76216

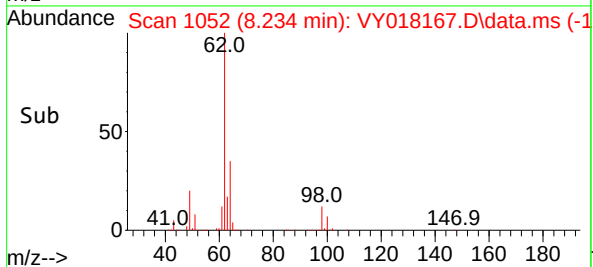
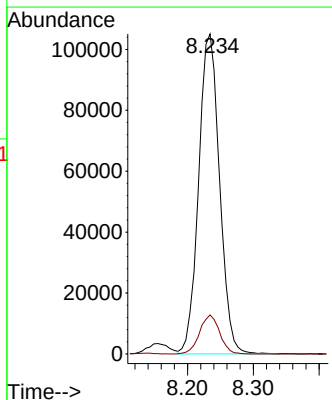
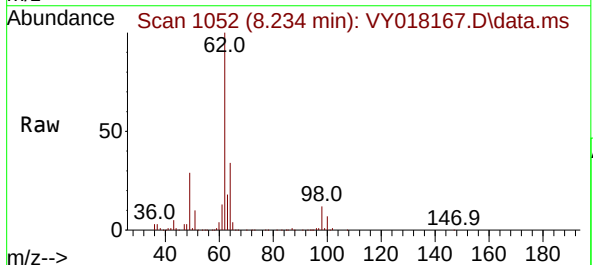
Ion	Ratio	Lower	Upper
41	100		
39	62.0	48.0	72.0
67	90.5	75.1	112.7
52	34.2	29.8	44.6

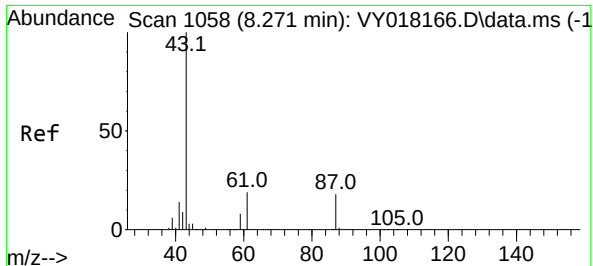


#42
1,2-Dichloroethane
Concen: 111.970 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 62 Resp: 231877

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.0





#43

Isopropyl Acetate

Concen: 113.243 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

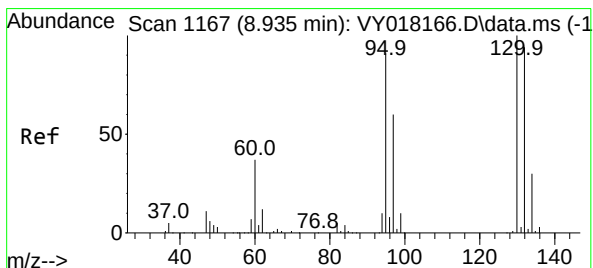
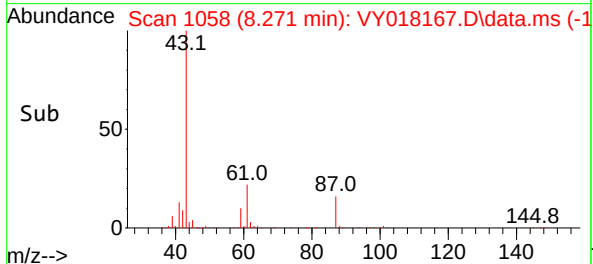
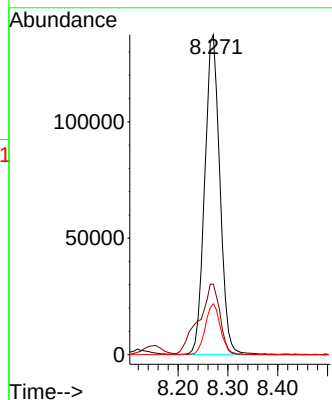
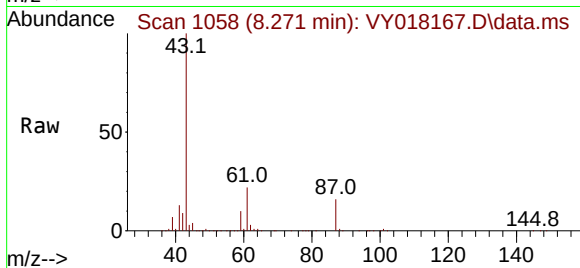
Tgt Ion: 43 Resp: 289080

Ion Ratio Lower Upper

43 100

61 30.8 27.9 41.9

87 15.9 13.1 19.7



#44

Trichloroethene

Concen: 104.156 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018167.D

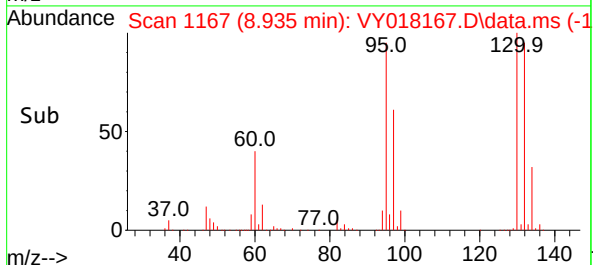
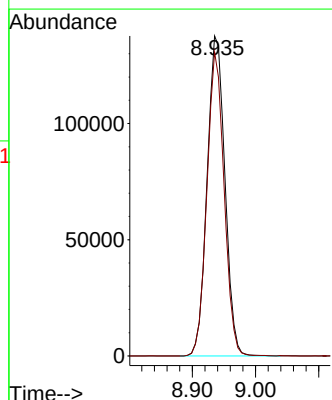
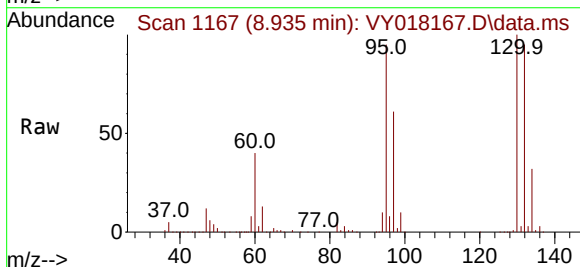
Acq: 07 May 2024 11:02

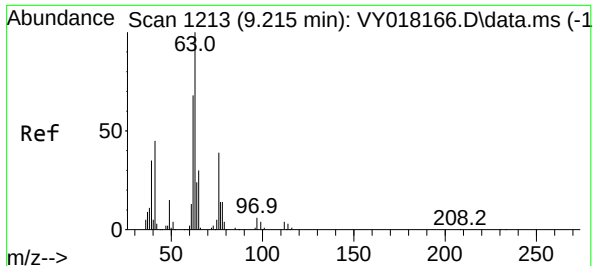
Tgt Ion:130 Resp: 269867

Ion Ratio Lower Upper

130 100

95 94.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 105.941 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

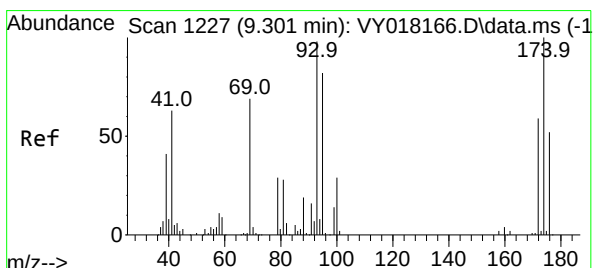
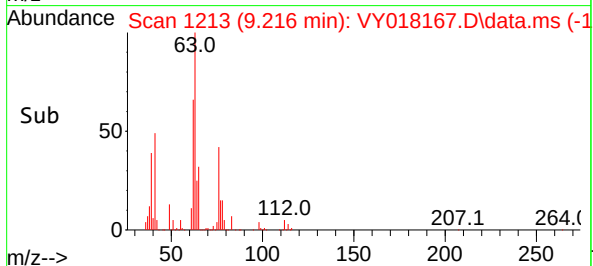
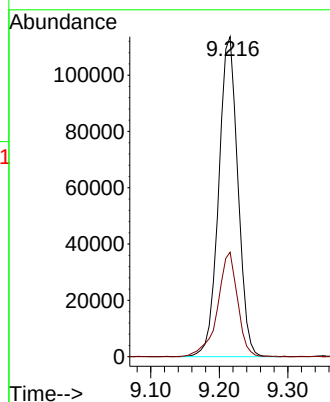
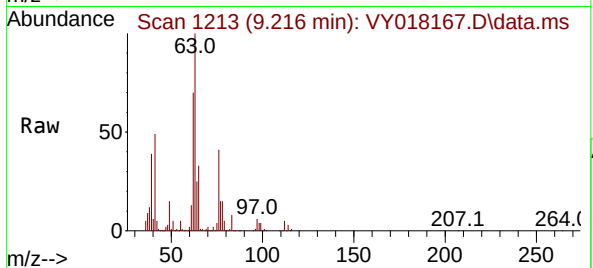
VSTDICC100

Tgt Ion: 63 Resp: 220445

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 109.312 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

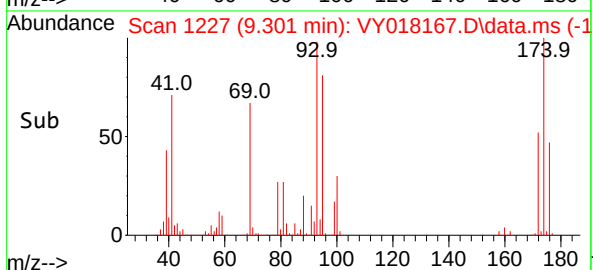
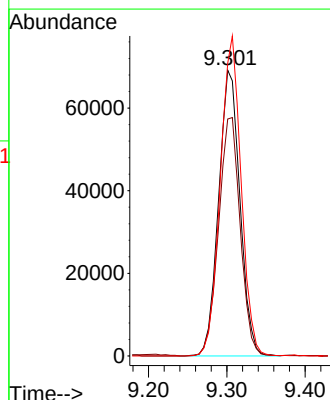
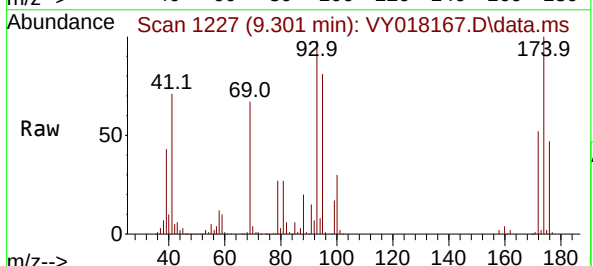
Tgt Ion: 93 Resp: 130762

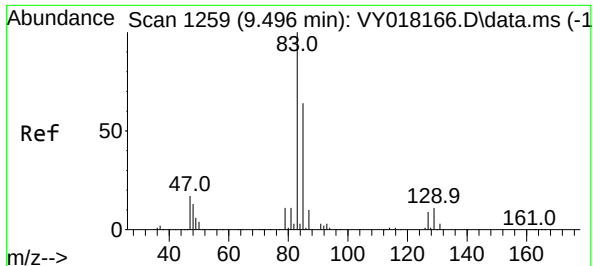
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 109.4 80.9 121.3

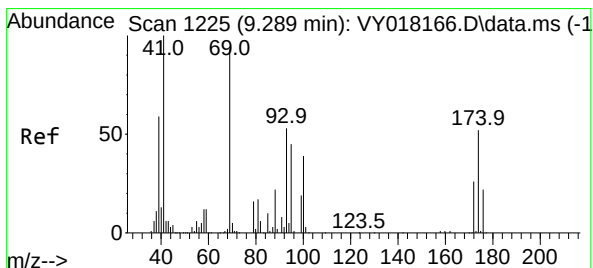
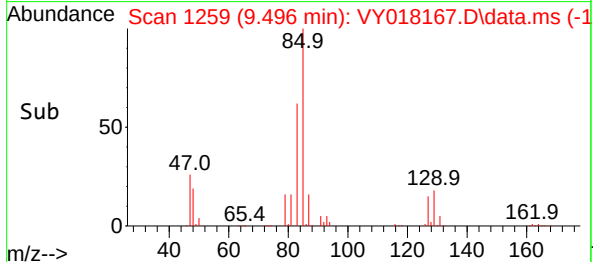
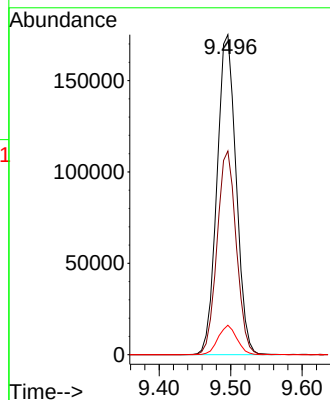
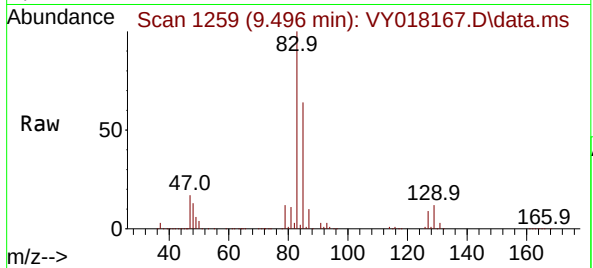




#47
Bromodichloromethane
Concen: 110.032 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

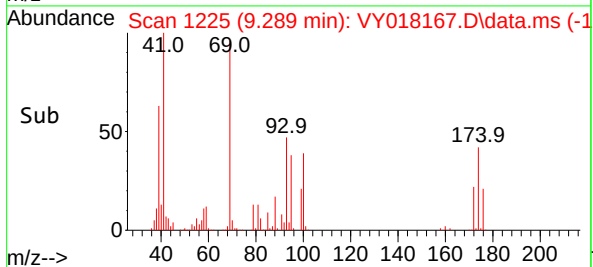
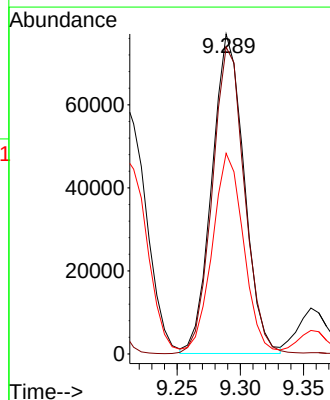
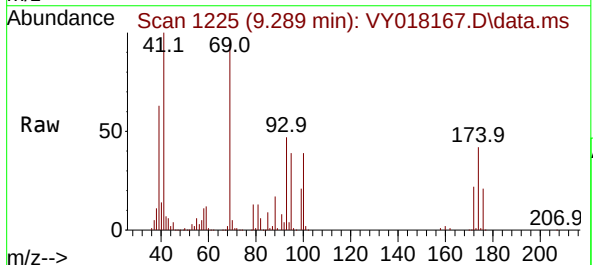
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

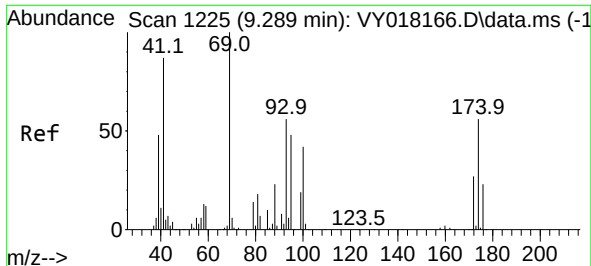
Tgt Ion: 83 Resp: 325399
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 116.463 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 41 Resp: 136257
Ion Ratio Lower Upper
41 100
69 95.8 84.1 126.1
39 58.7 43.6 65.4

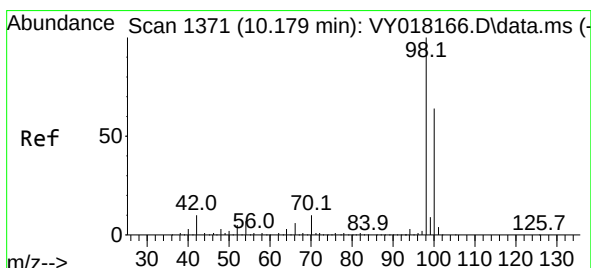
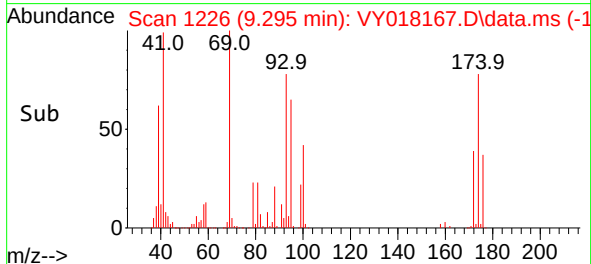
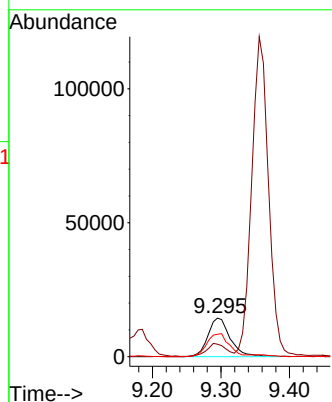
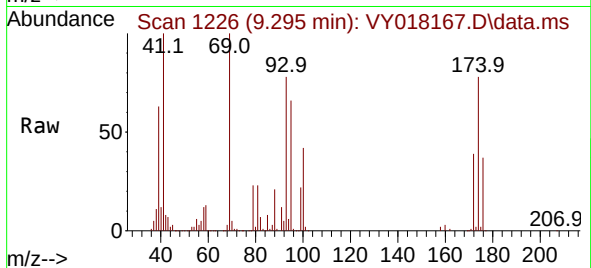




#49
1,4-Dioxane
Concen: 2060.323 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

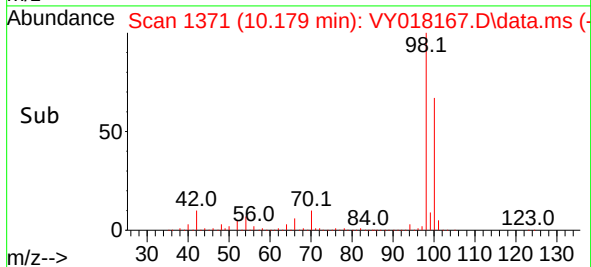
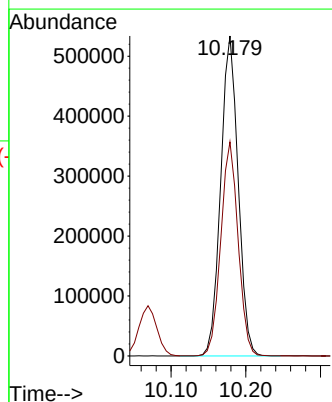
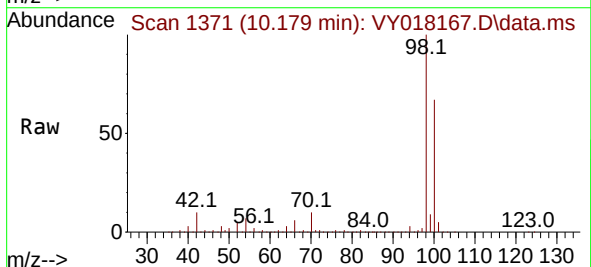
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

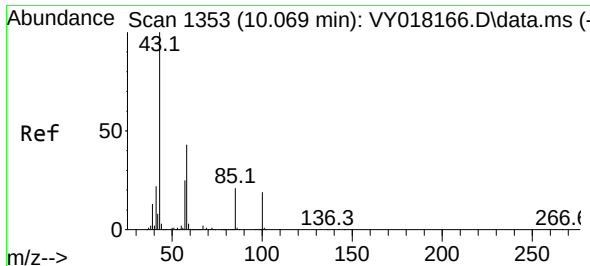
Tgt Ion: 88 Resp: 32715
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0#
58 59.3 49.3 73.9



#50
Toluene-d8
Concen: 106.754 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 98 Resp: 868302
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

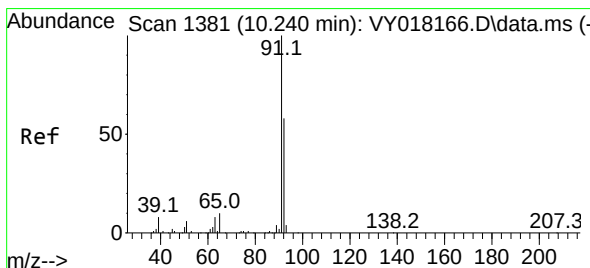
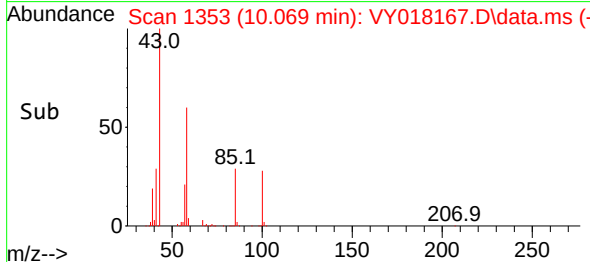
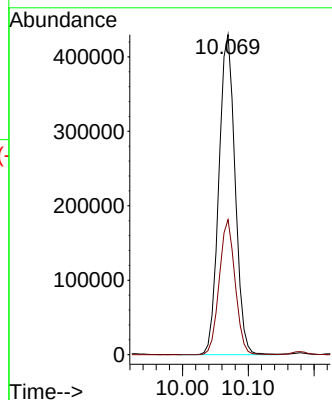
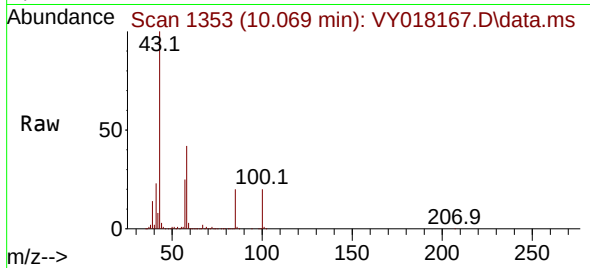




#51
4-Methyl-2-Pentanone
Concen: 574.206 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

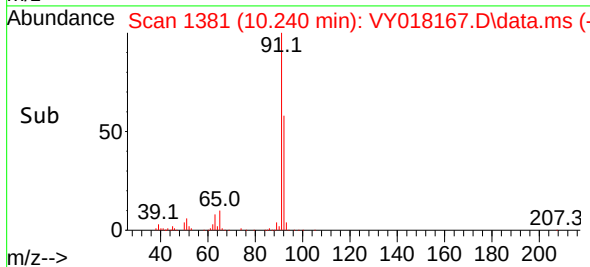
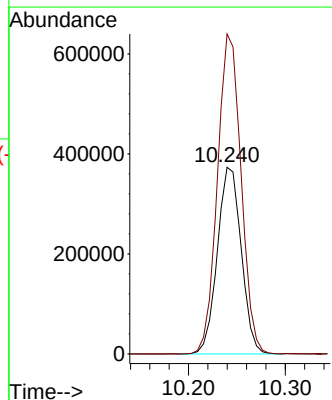
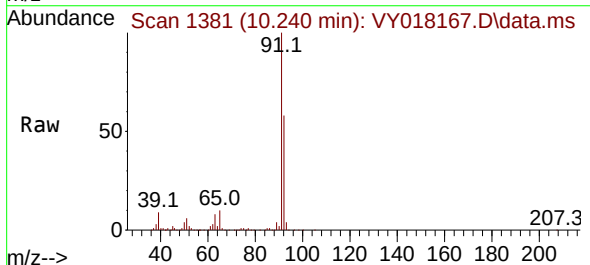
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

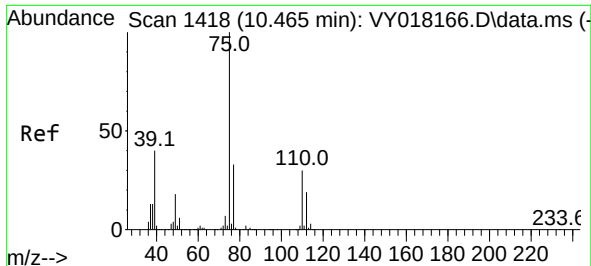
Tgt Ion: 43 Resp: 736720
Ion Ratio Lower Upper
43 100
58 41.3 35.7 53.5



#52
Toluene
Concen: 104.514 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 92 Resp: 640400
Ion Ratio Lower Upper
92 100
91 170.0 139.0 208.6

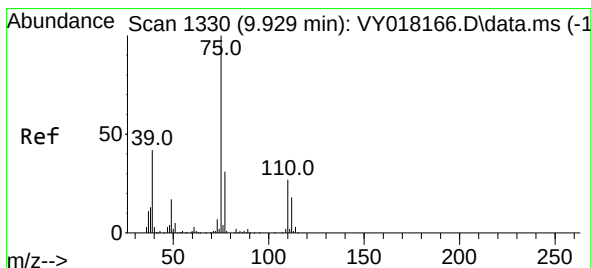
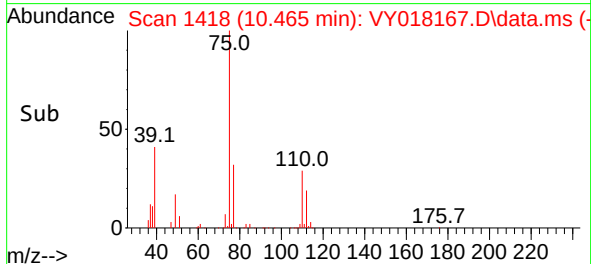
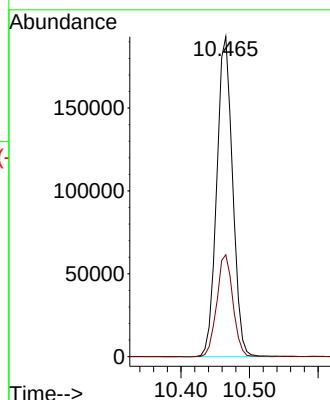
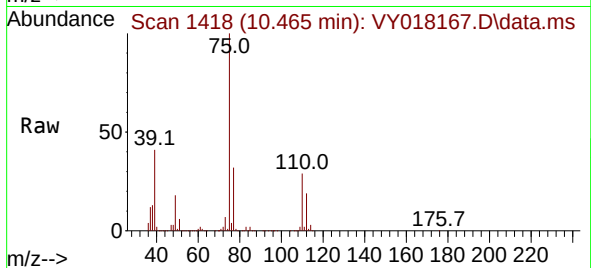




#53
t-1,3-Dichloropropene
Concen: 112.363 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

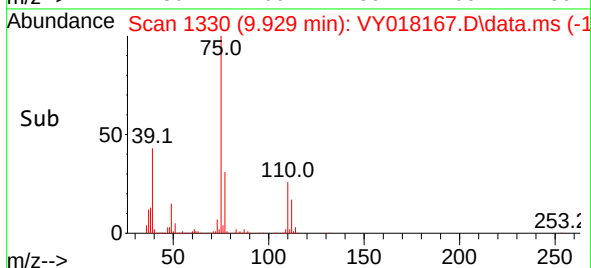
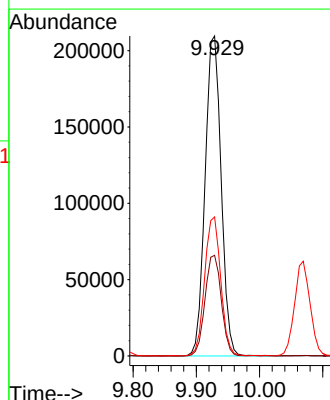
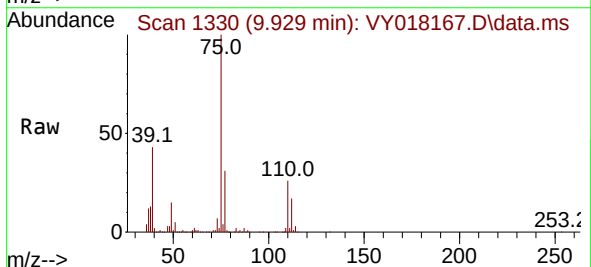
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

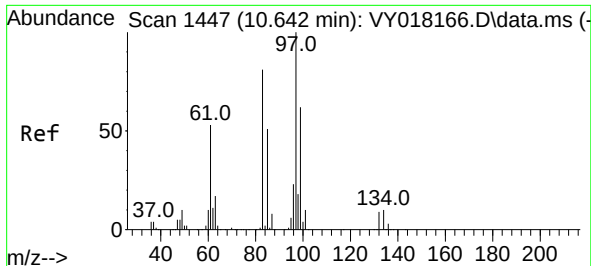
Tgt Ion: 75 Resp: 310379
Ion Ratio Lower Upper
75 100
77 31.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 109.858 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 75 Resp: 370943
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 43.4 29.8 44.6

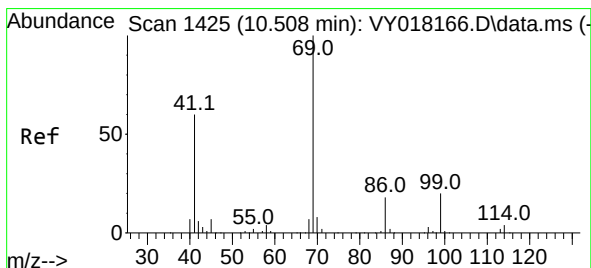
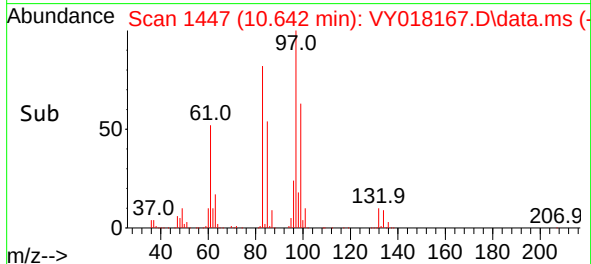
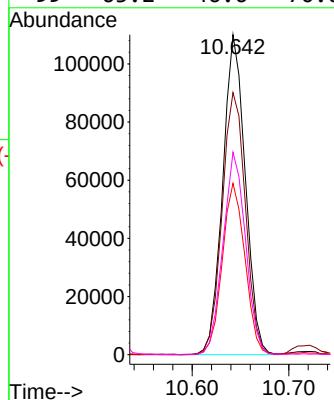
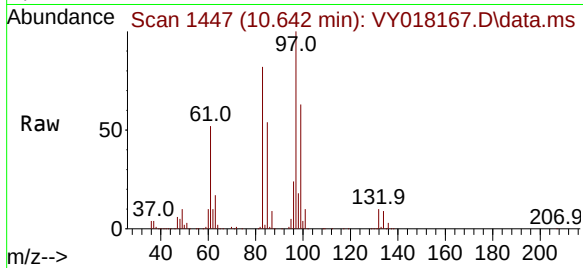




#55
1,1,2-Trichloroethane
Concen: 108.545 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

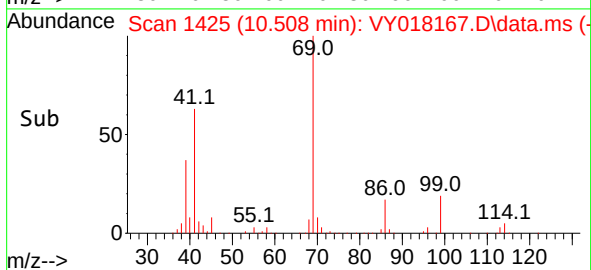
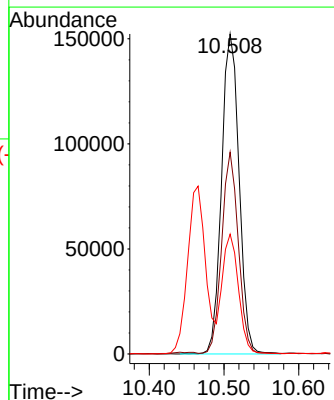
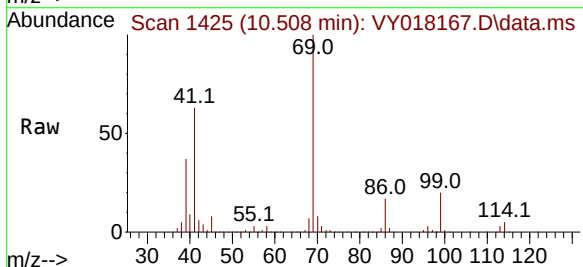
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

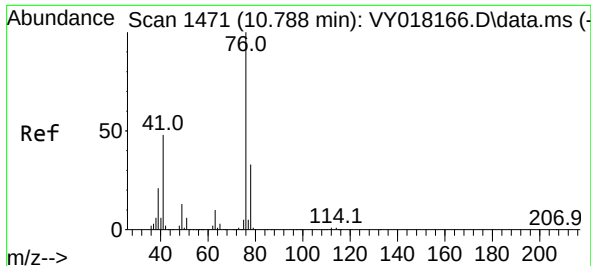
Tgt Ion:	97	Resp:	178373
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.5	101.3
85	53.5	42.9	64.3
99	63.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 111.355 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion:	69	Resp:	248524
Ion	Ratio	Lower	Upper
69	100		
41	59.4	42.3	63.5
39	34.2	22.9	34.3





#57

1,3-Dichloropropane

Concen: 108.575 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

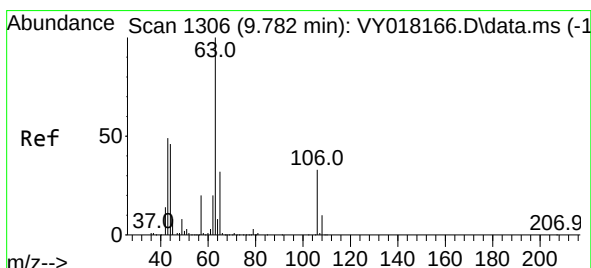
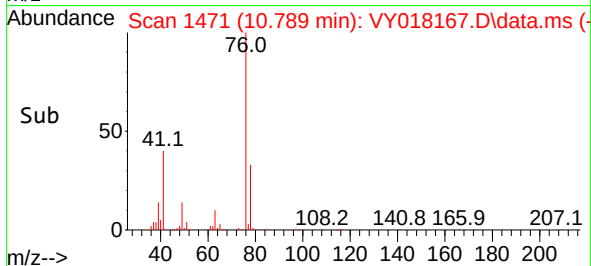
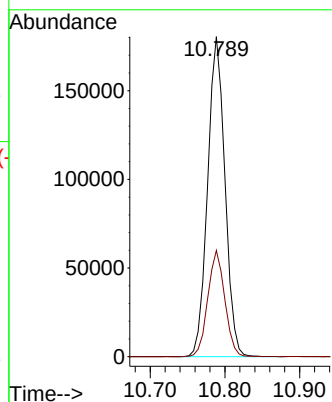
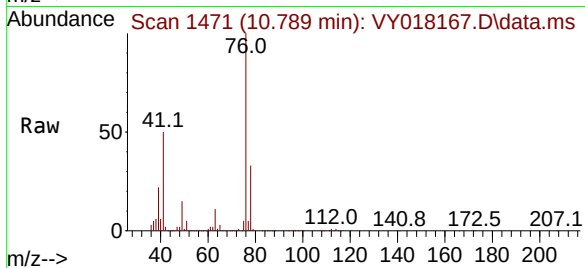
VSTDIC100

Tgt Ion: 76 Resp: 290382

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 528.946 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018167.D

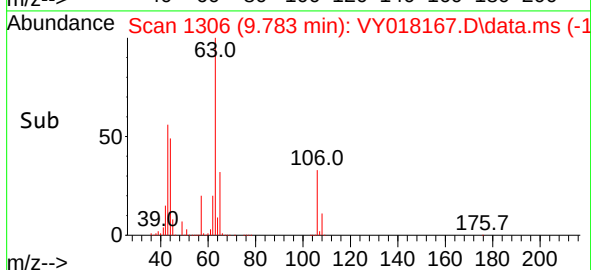
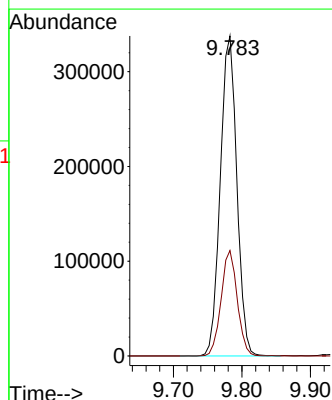
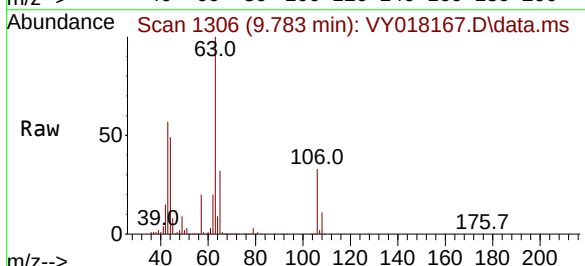
Acq: 07 May 2024 11:02

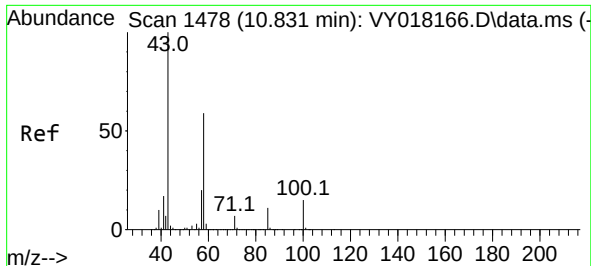
Tgt Ion: 63 Resp: 563700

Ion Ratio Lower Upper

63 100

106 32.1 23.7 35.5

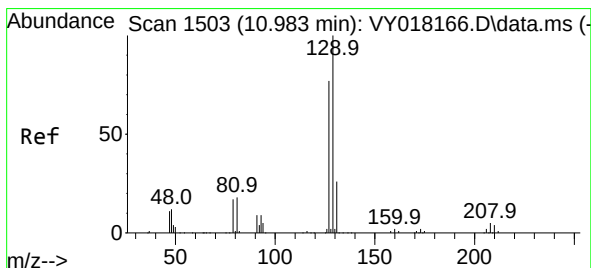
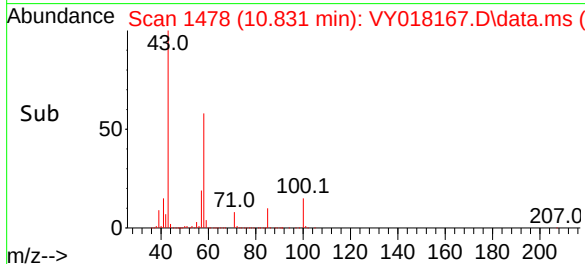
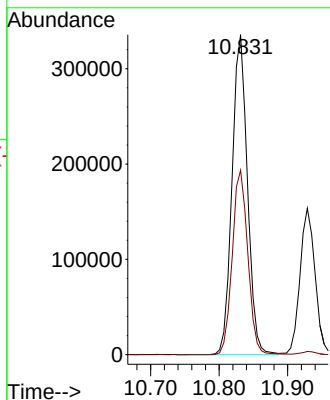
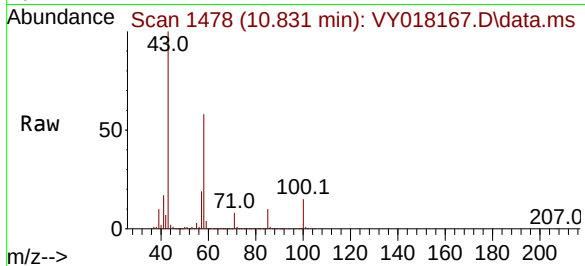




#59
2-Hexanone
Concen: 583.977 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

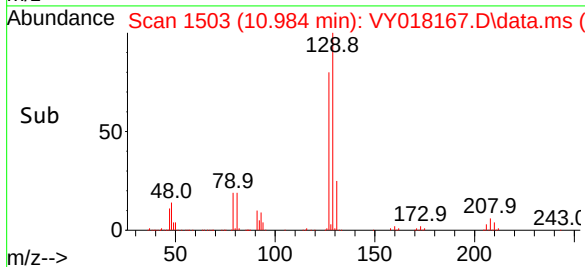
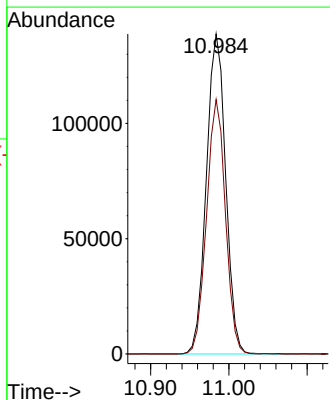
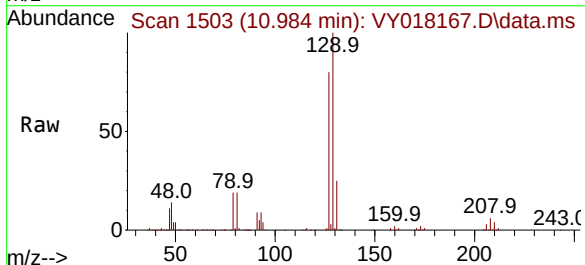
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

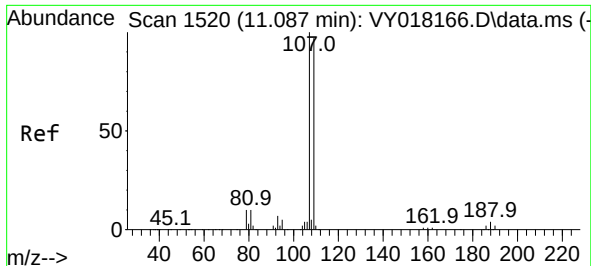
Tgt Ion: 43 Resp: 523885
Ion Ratio Lower Upper
43 100
58 58.3 31.4 94.0



#60
Dibromochloromethane
Concen: 111.249 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 129 Resp: 237188
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

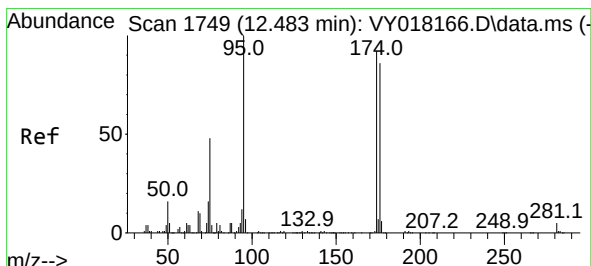
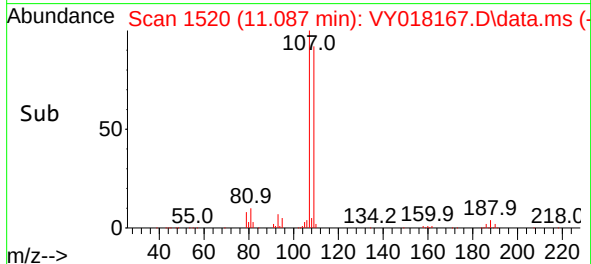
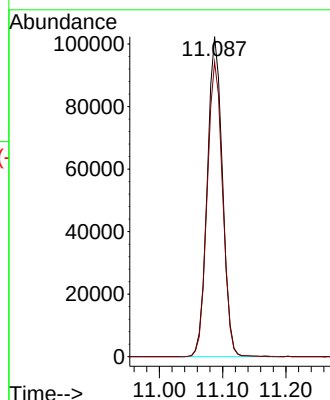
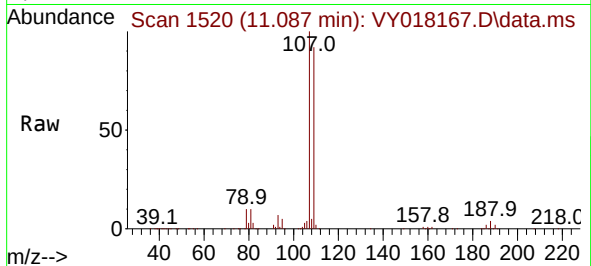




#61
1,2-Dibromoethane
Concen: 110.299 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

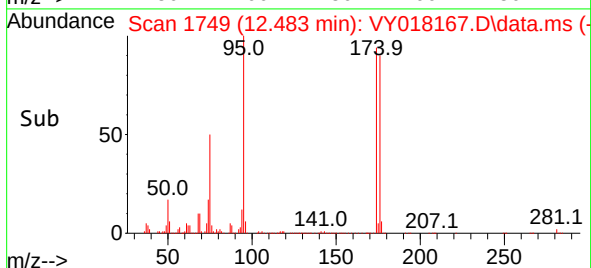
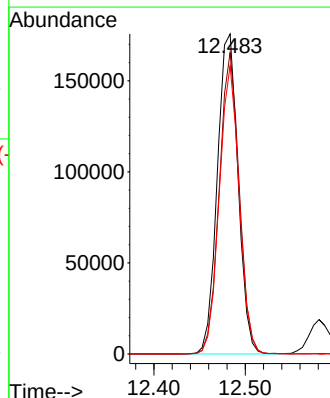
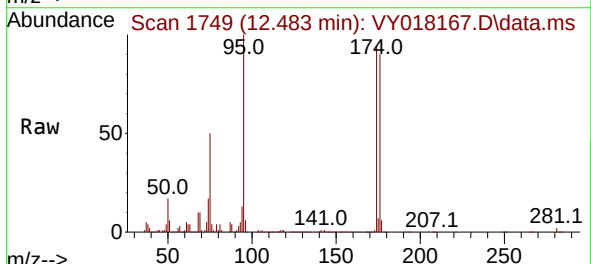
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

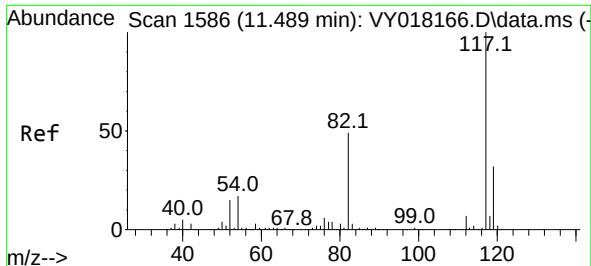
Tgt Ion:107 Resp: 170722
Ion Ratio Lower Upper
107 100
109 93.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 105.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 95 Resp: 276861
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 86.7 0.0 171.4

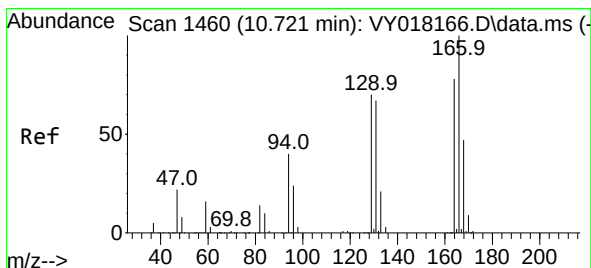
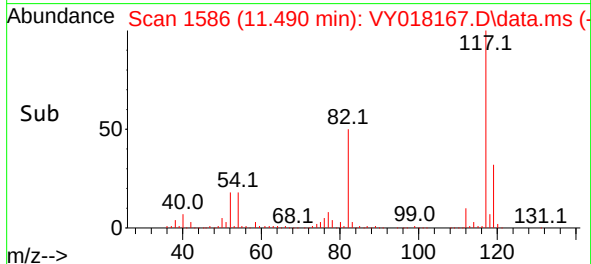
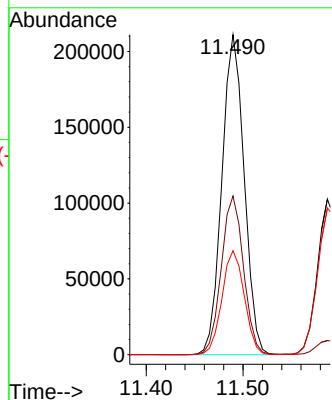
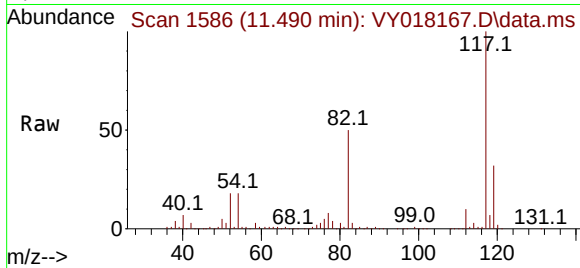




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

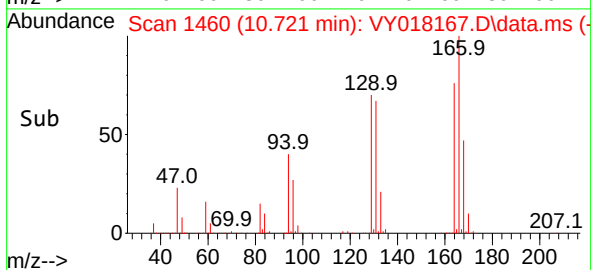
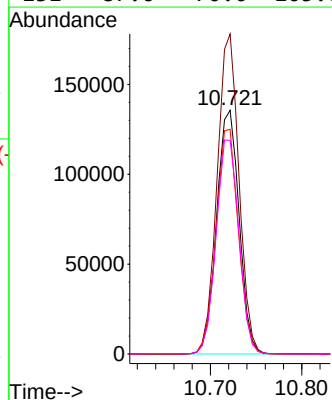
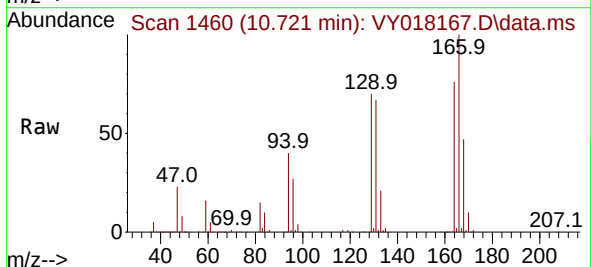
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

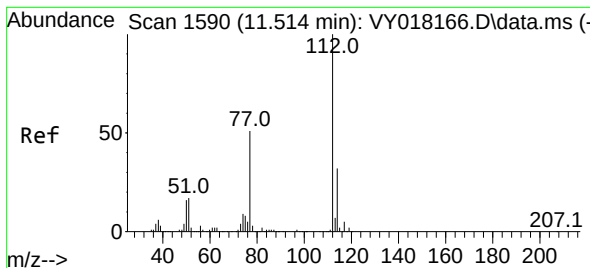
Tgt Ion:117 Resp: 337569
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 103.425 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion:164 Resp: 232454
Ion Ratio Lower Upper
164 100
166 131.3 102.6 154.0
129 92.2 72.0 108.0
131 87.6 70.0 105.0





#65

Chlorobenzene

Concen: 105.383 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

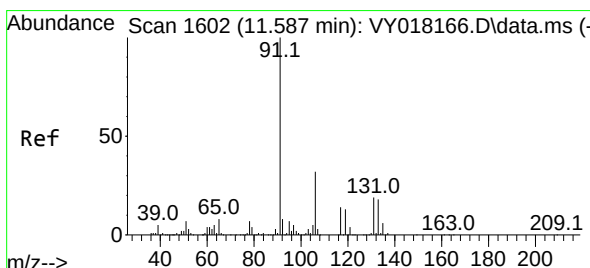
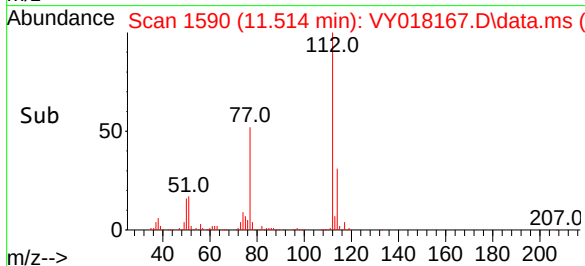
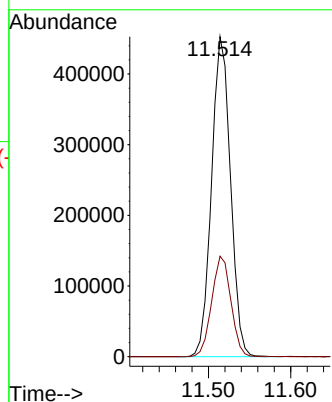
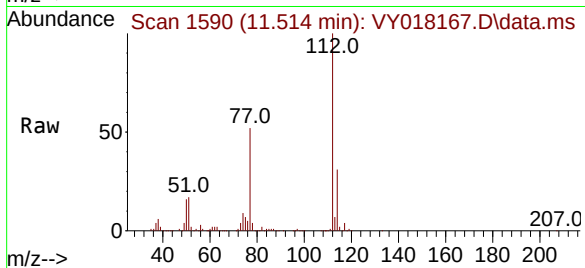
VSTDIC100

Tgt Ion:112 Resp: 724530

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 107.241 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

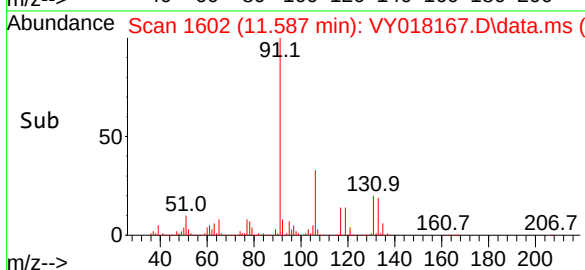
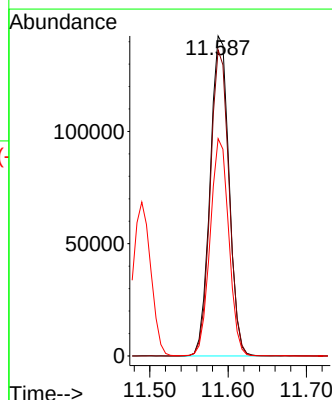
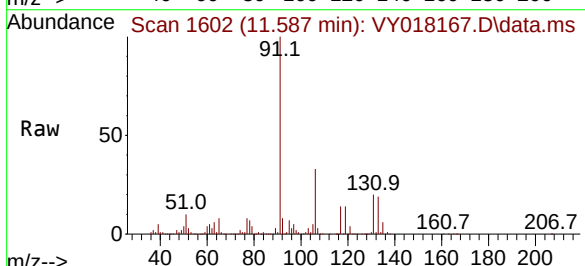
Tgt Ion:131 Resp: 238492

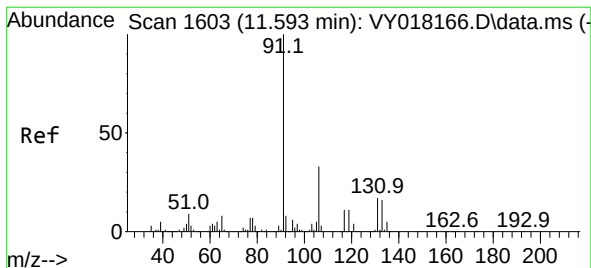
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 103.886 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

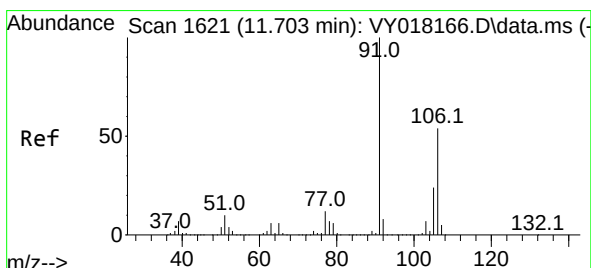
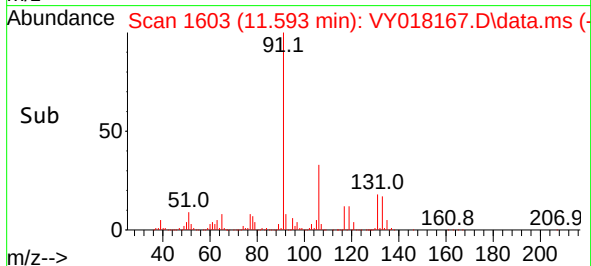
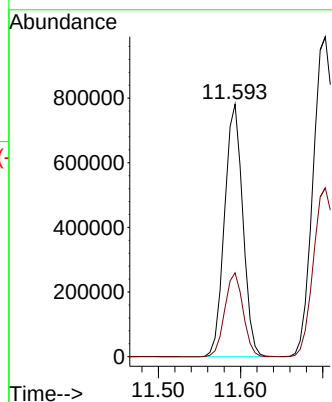
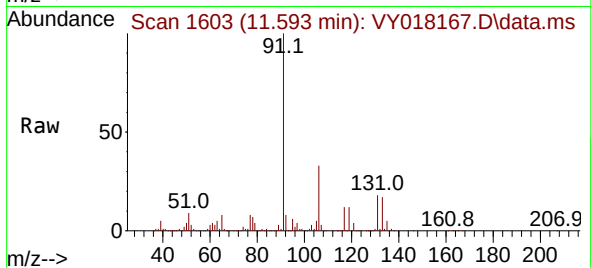
VSTDICC100

Tgt Ion: 91 Resp: 1205947

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 209.315 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018167.D

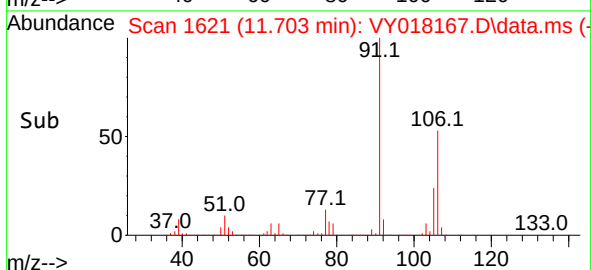
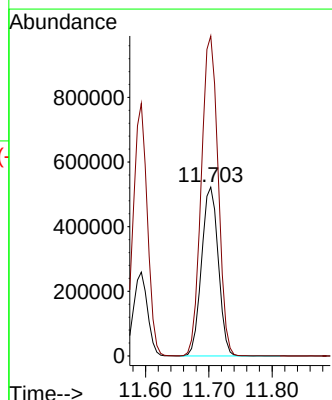
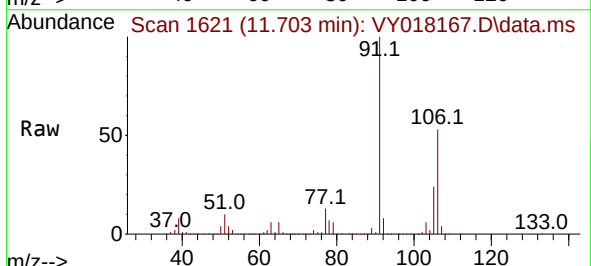
Acq: 07 May 2024 11:02

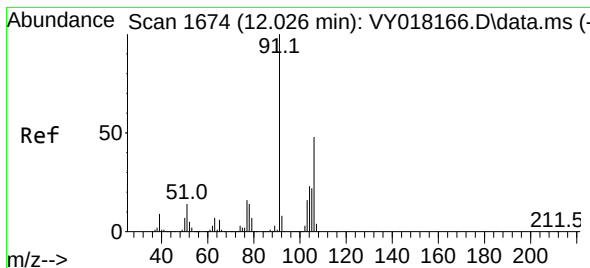
Tgt Ion:106 Resp: 960868

Ion Ratio Lower Upper

106 100

91 190.3 156.0 234.0





#69

o-Xylene

Concen: 104.492 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

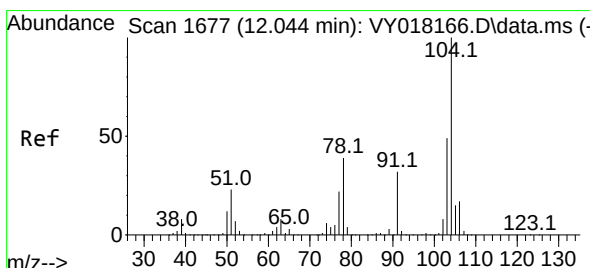
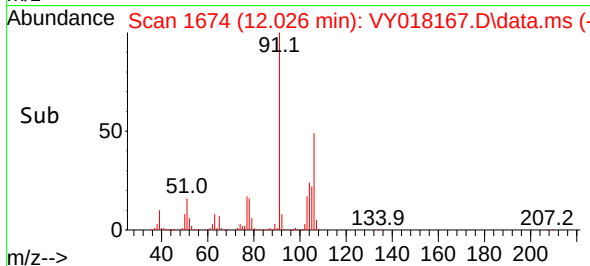
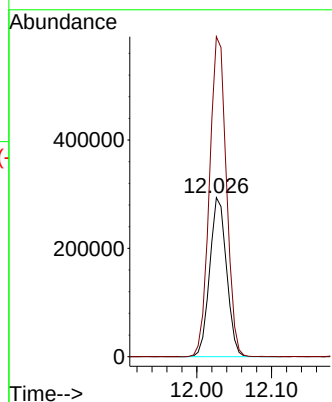
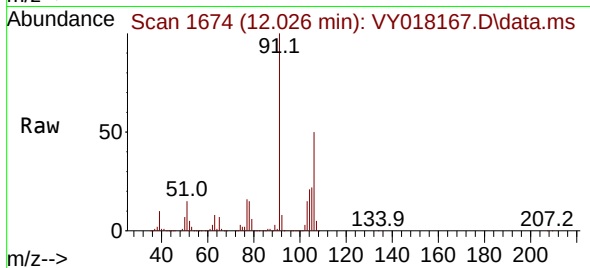
VSTDIC100

Tgt Ion:106 Resp: 460326

Ion Ratio Lower Upper

106 100

91 201.9 103.6 310.8



#70

Styrene

Concen: 106.654 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

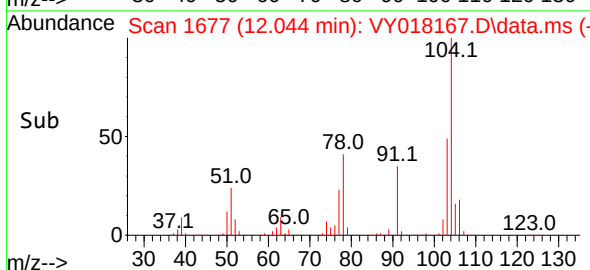
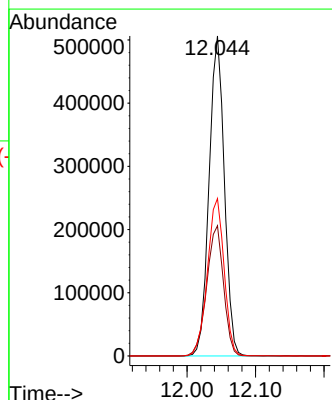
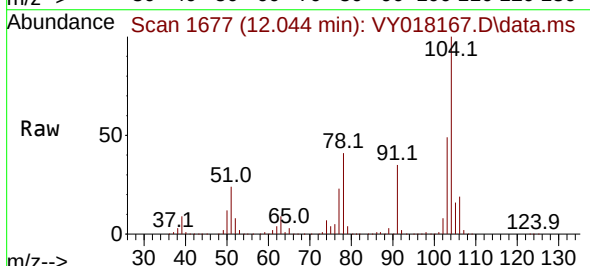
Tgt Ion:104 Resp: 784650

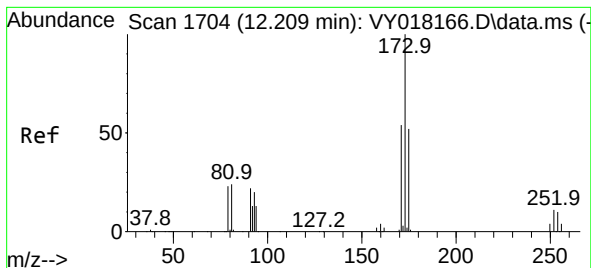
Ion Ratio Lower Upper

104 100

78 45.0 37.0 55.4

103 53.9 44.2 66.2





#71

Bromoform

Concen: 112.306 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

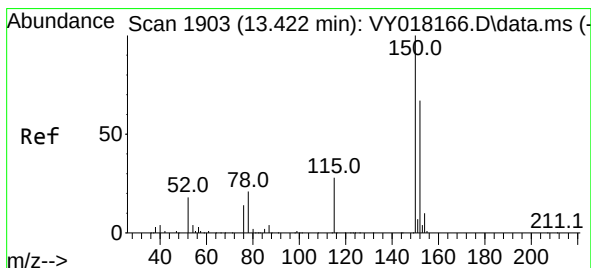
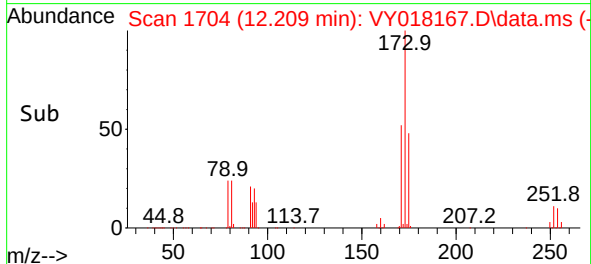
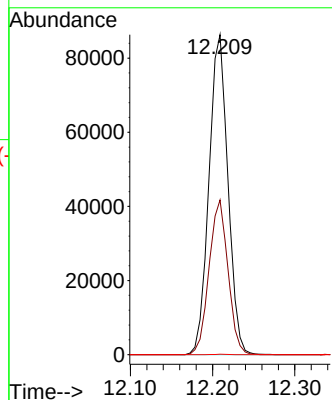
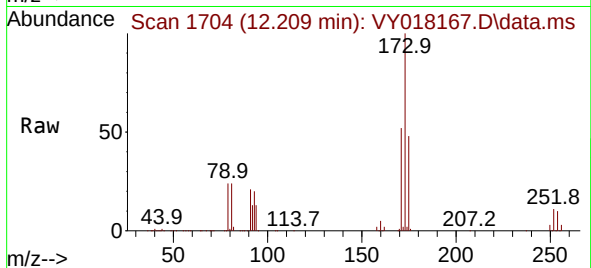
Tgt Ion:173 Resp: 138190

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

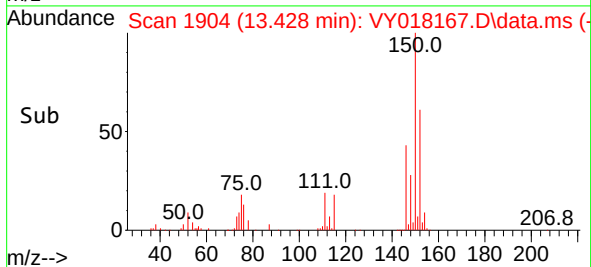
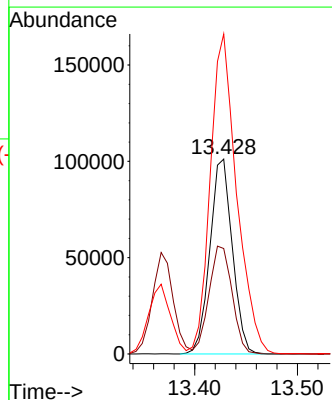
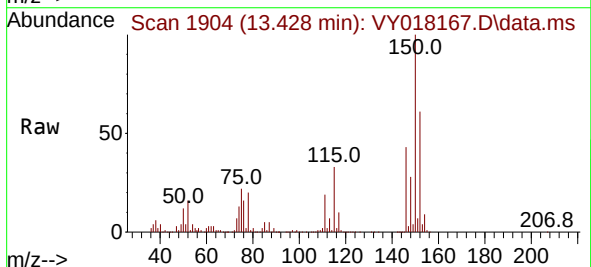
Tgt Ion:152 Resp: 153415

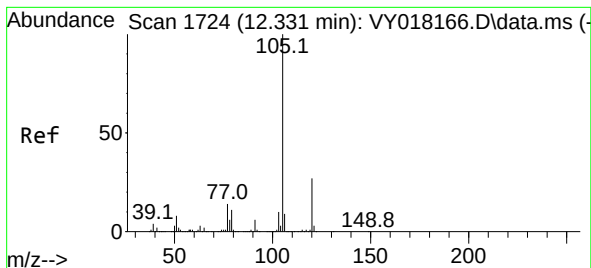
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 192.9 0.0 345.6





#73

Isopropylbenzene

Concen: 100.647 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

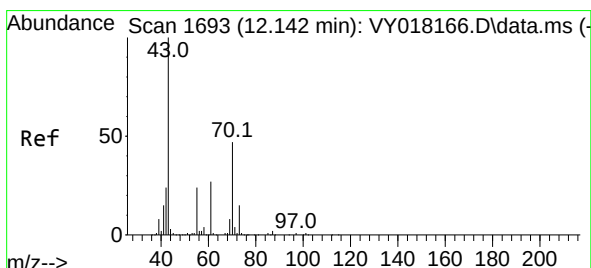
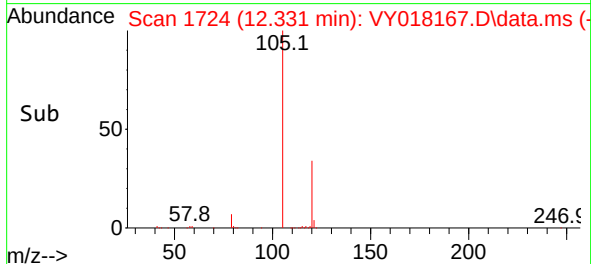
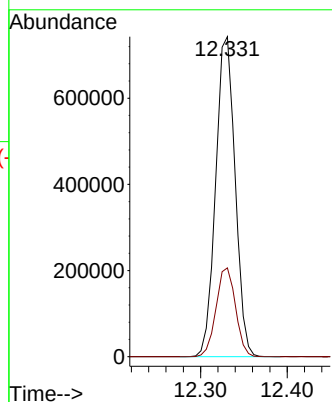
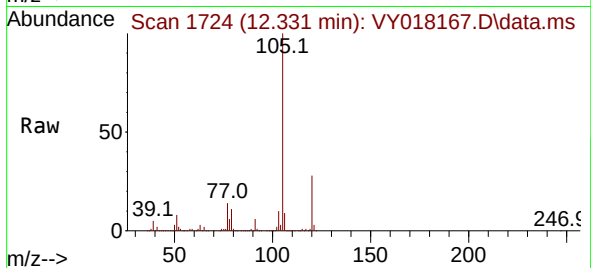
VSTDICC100

Tgt Ion:105 Resp: 1157688

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 106.597 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Tgt Ion: 43 Resp: 254528

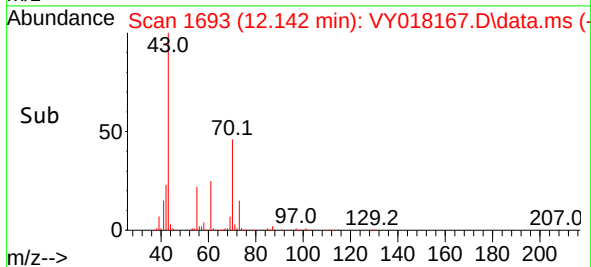
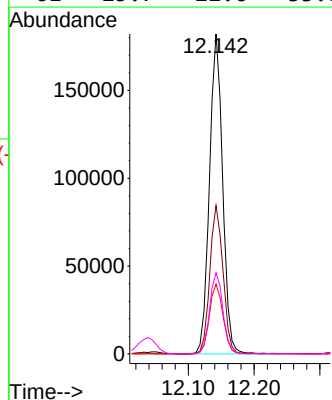
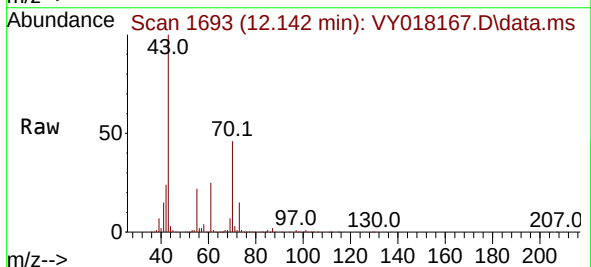
Ion Ratio Lower Upper

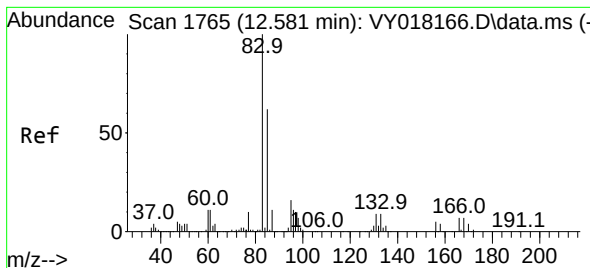
43 100

70 46.4 41.4 62.2

55 22.7 23.3 34.9#

61 25.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 107.925 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

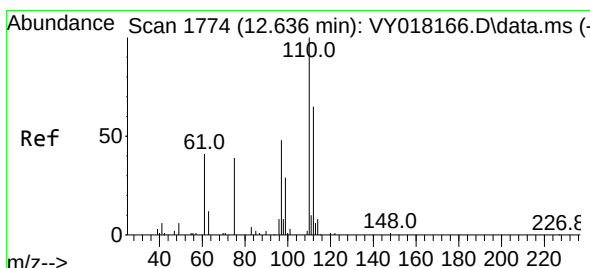
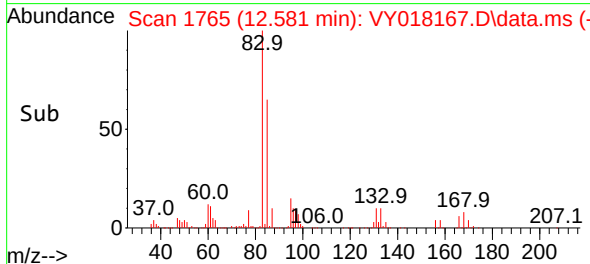
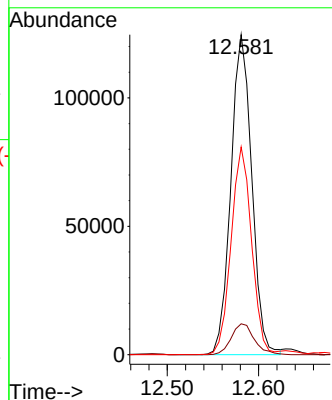
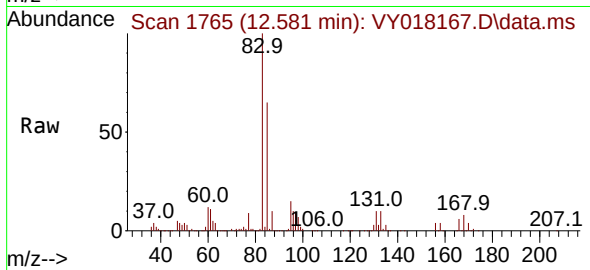
Tgt Ion: 83 Resp: 198030

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 110.250 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018167.D

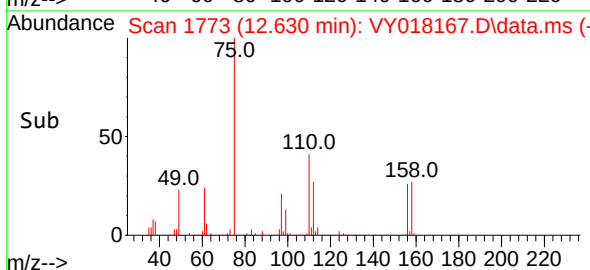
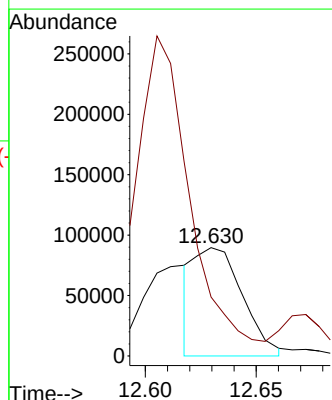
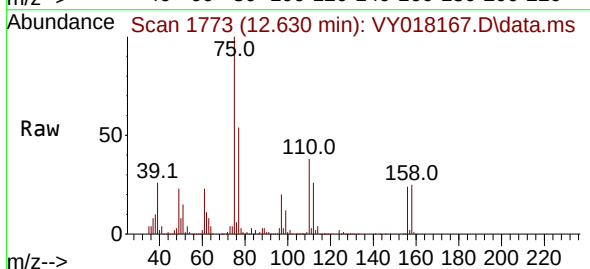
Acq: 07 May 2024 11:02

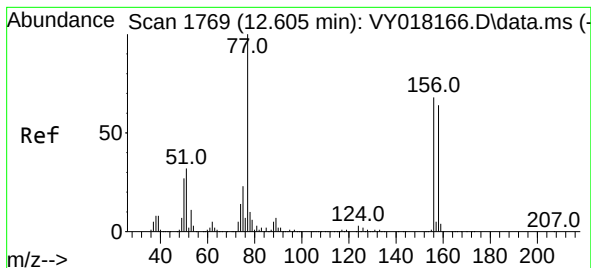
Tgt Ion: 75 Resp: 135386

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.818 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

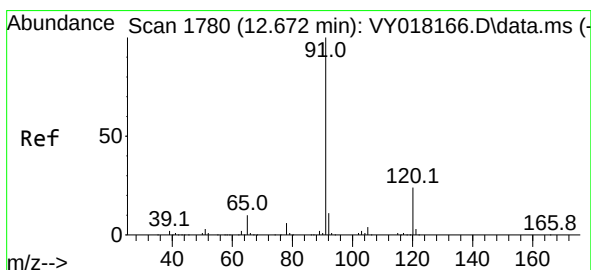
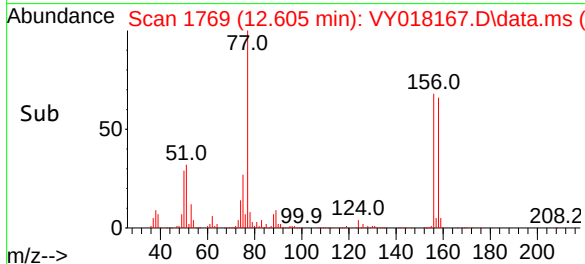
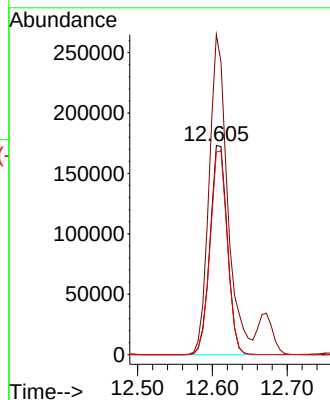
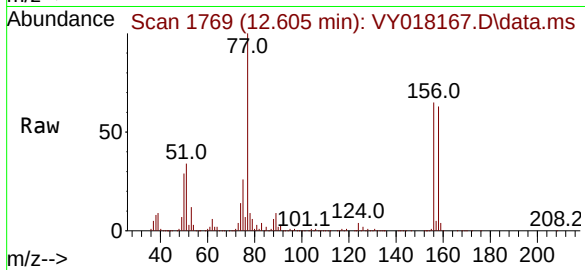
Tgt Ion:156 Resp: 279620

Ion Ratio Lower Upper

156 100

77 163.0 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 100.996 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018167.D

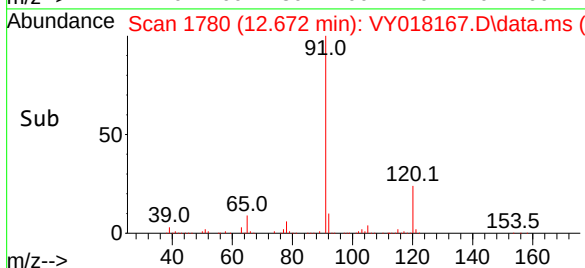
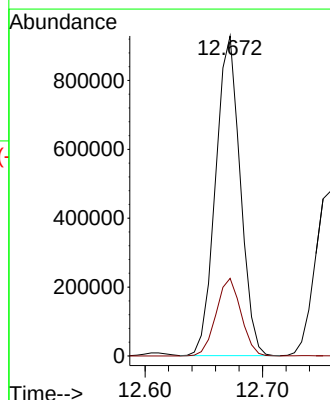
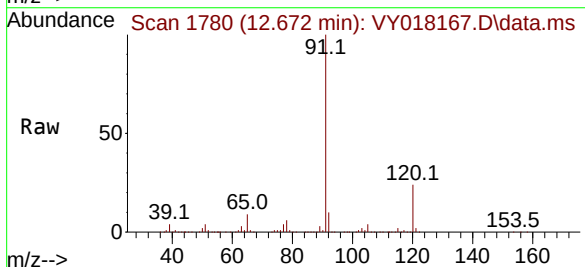
Acq: 07 May 2024 11:02

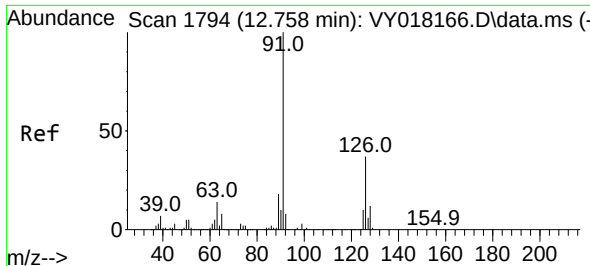
Tgt Ion: 91 Resp: 1351218

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4

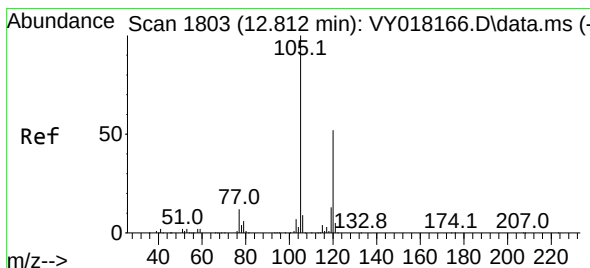
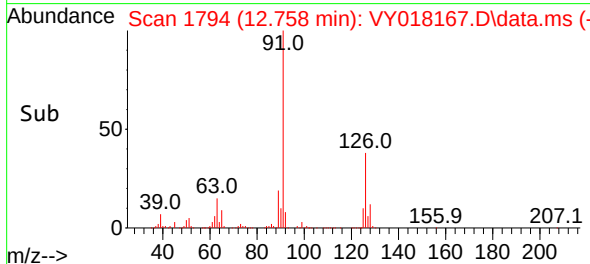
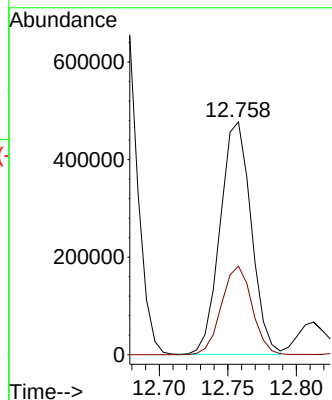
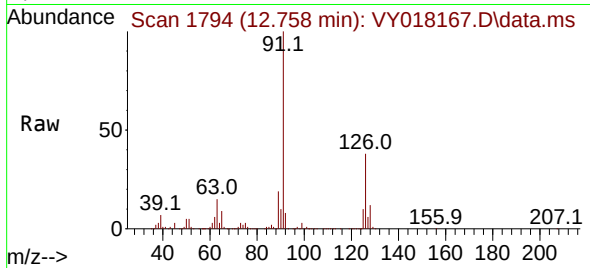




#79
2-Chlorotoluene
Concen: 101.347 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

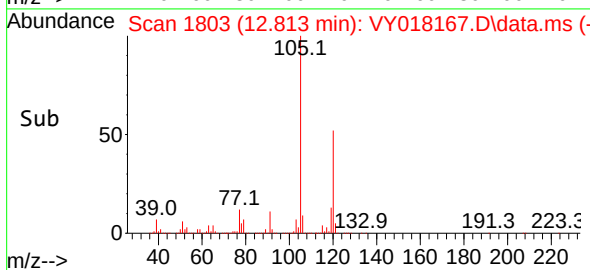
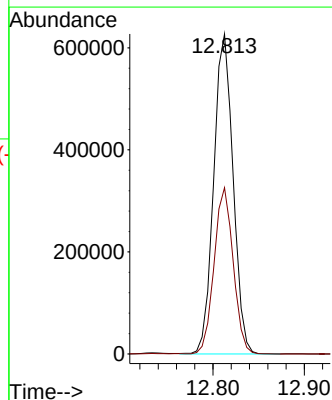
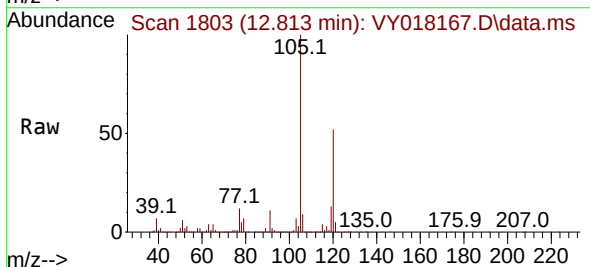
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

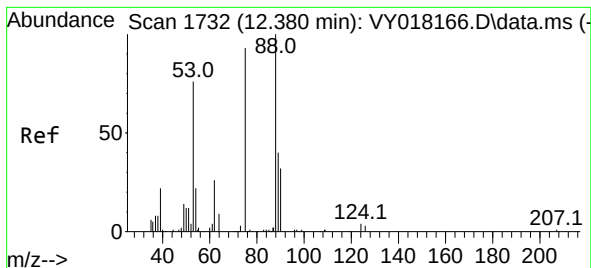
Tgt Ion: 91 Resp: 753477
Ion Ratio Lower Upper
91 100
126 37.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 101.981 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 105 Resp: 924965
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

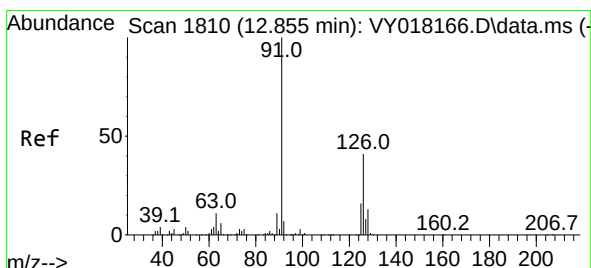
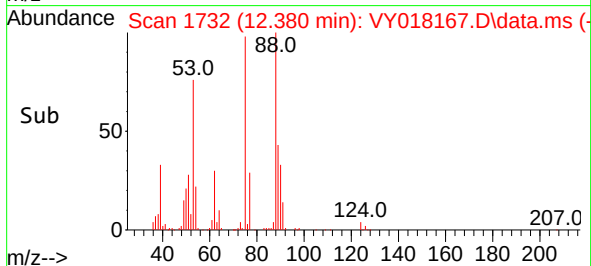
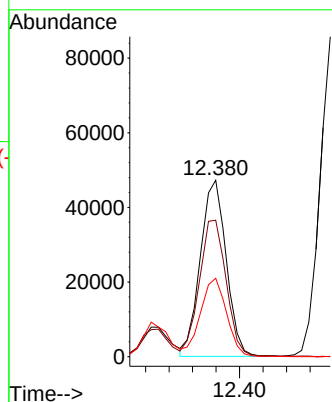
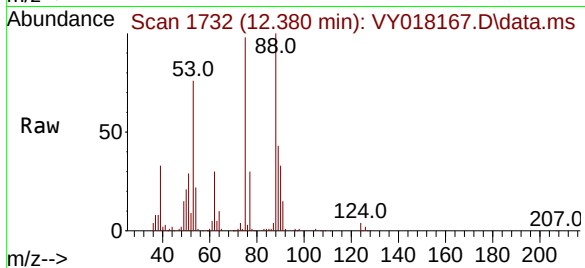




#81
trans-1,4-Dichloro-2-butene
Concen: 113.403 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

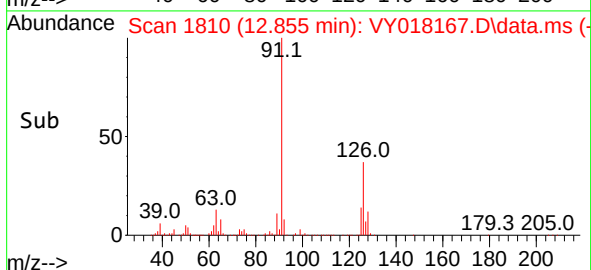
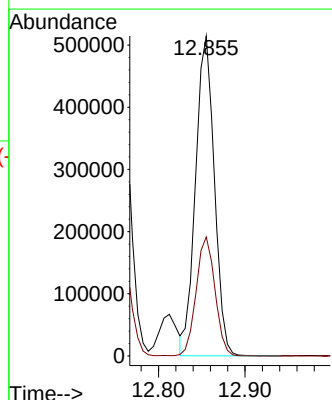
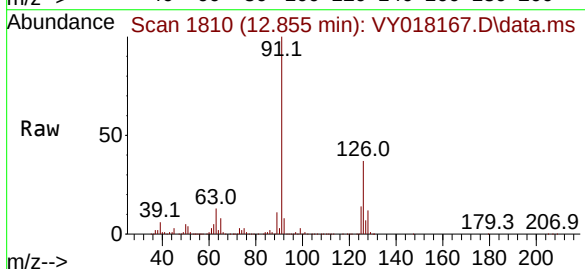
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

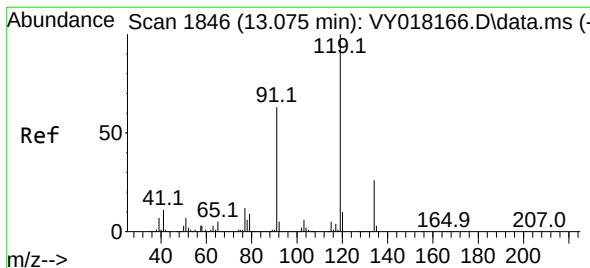
Tgt Ion: 75 Resp: 72279
Ion Ratio Lower Upper
75 100
53 80.0 66.8 100.2
89 45.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 103.626 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018167.D
Acq: 07 May 2024 11:02

Tgt Ion: 91 Resp: 773867
Ion Ratio Lower Upper
91 100
126 37.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 101.411 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

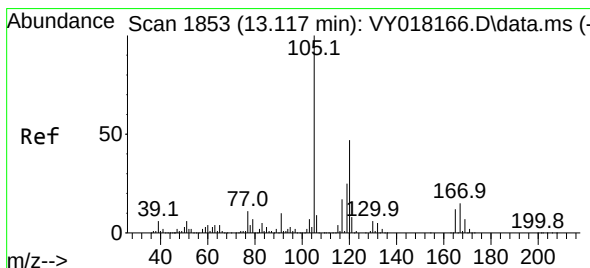
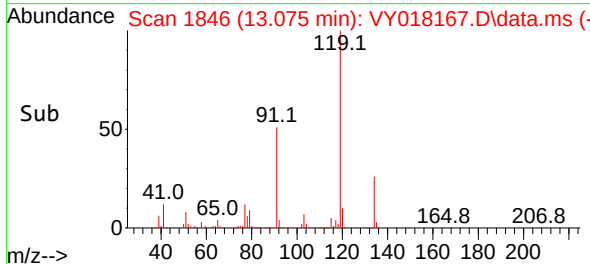
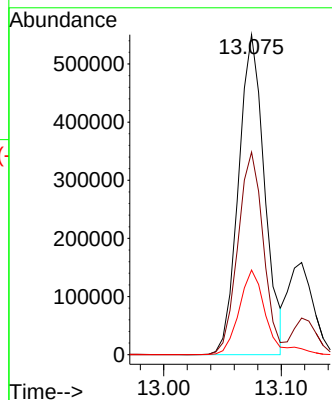
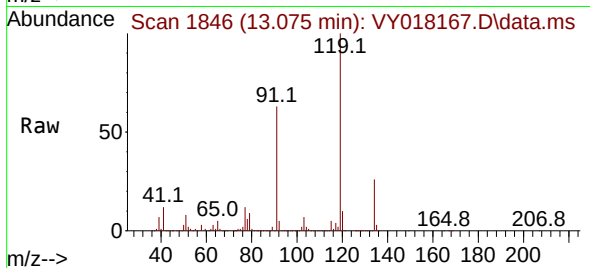
Tgt Ion:119 Resp: 848402

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 103.377 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018167.D

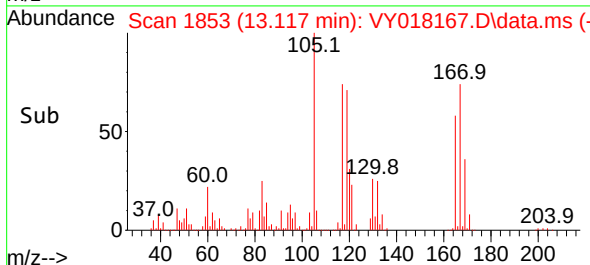
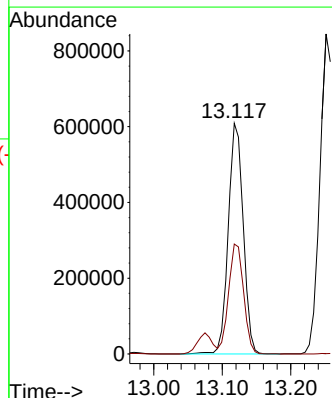
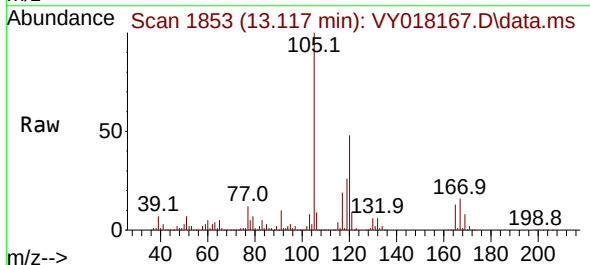
Acq: 07 May 2024 11:02

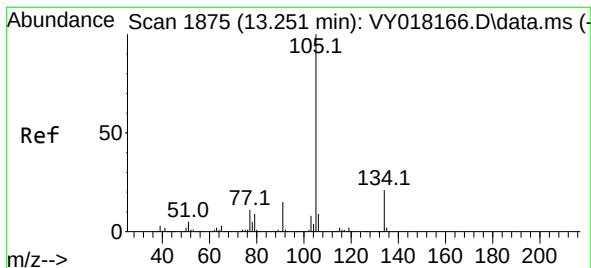
Tgt Ion:105 Resp: 918477

Ion Ratio Lower Upper

105 100

120 48.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 100.891 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

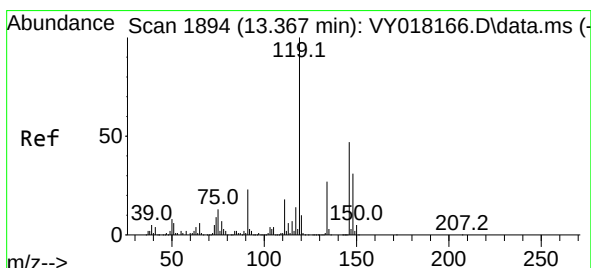
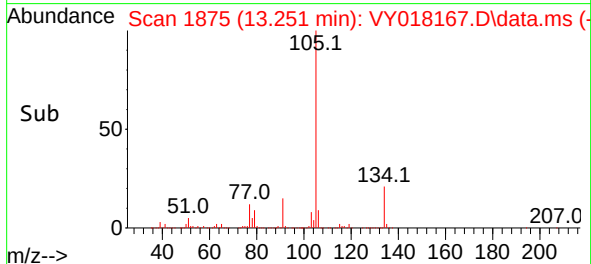
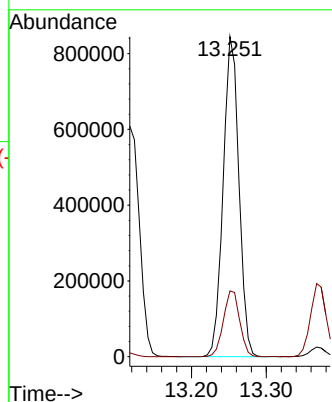
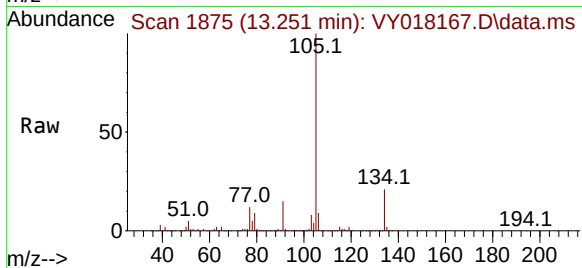
VSTDIC100

Tgt Ion:105 Resp: 1238088

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 102.294 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

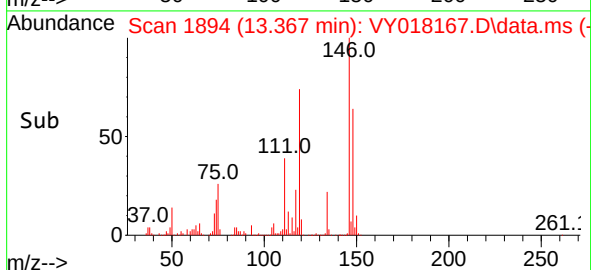
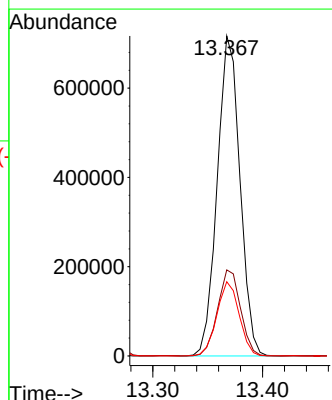
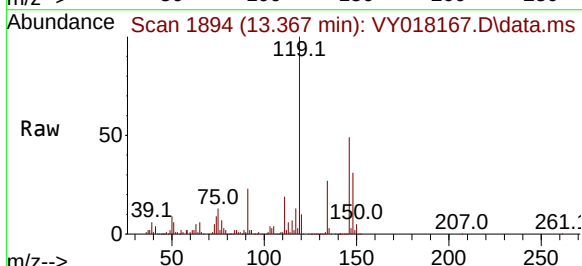
Tgt Ion:119 Resp: 1032678

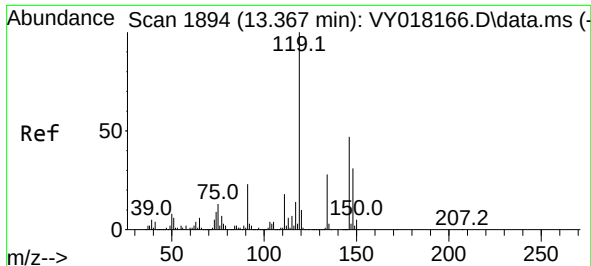
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 22.8 10.7 32.1

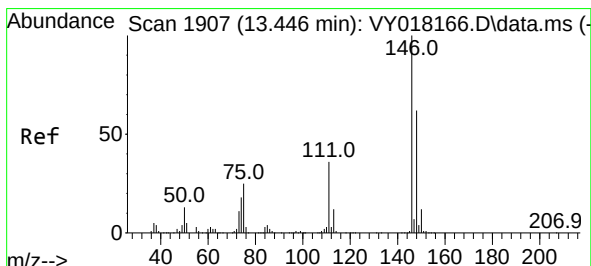
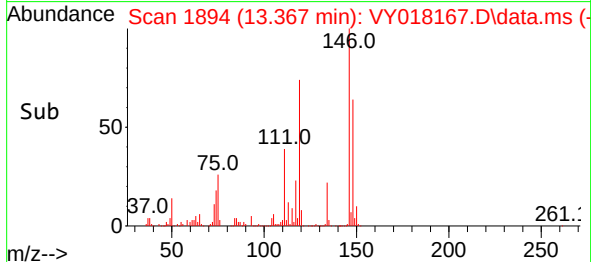
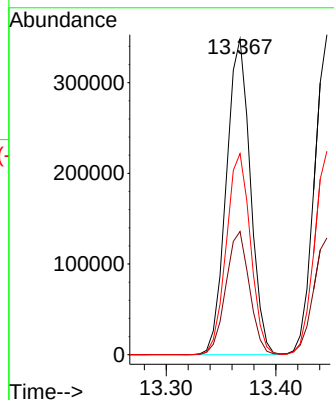
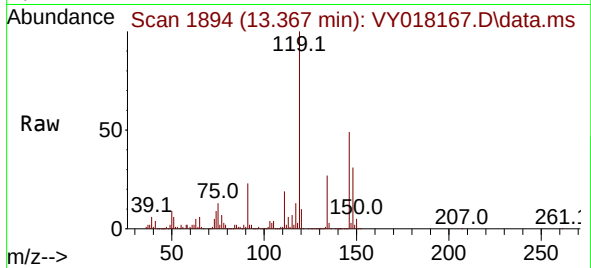




#87
 1,3-Dichlorobenzene
 Concen: 103.735 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

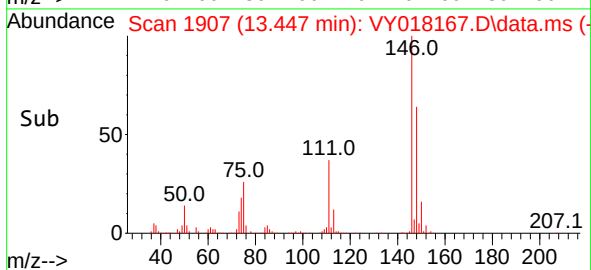
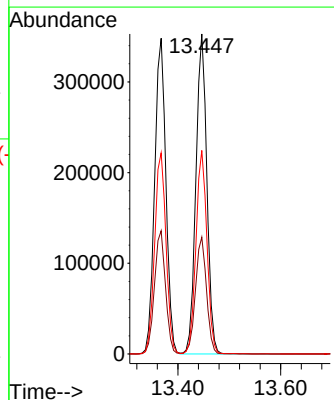
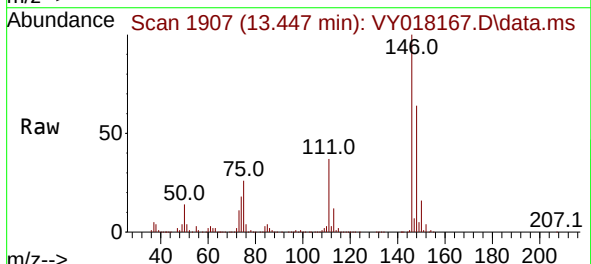
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

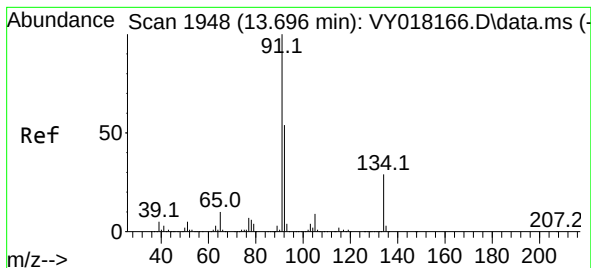
Tgt Ion:146 Resp: 529377
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 105.176 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

Tgt Ion:146 Resp: 523240
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.4
 148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 101.959 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

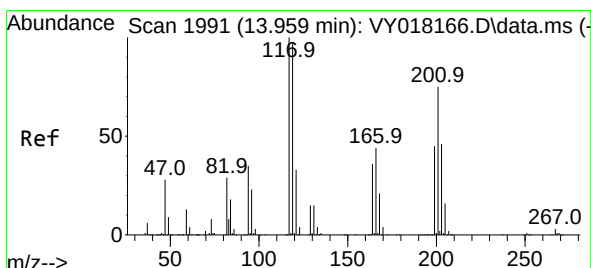
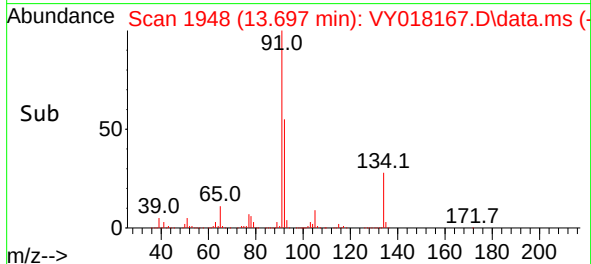
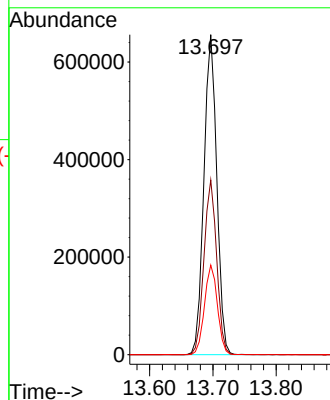
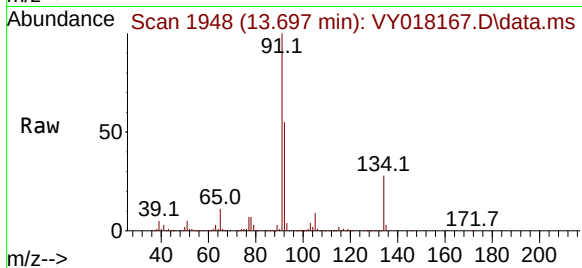
Tgt Ion: 91 Resp: 931526

Ion Ratio Lower Upper

91 100

92 54.0 26.6 79.7

134 28.1 12.9 38.7



#90

Hexachloroethane

Concen: 103.905 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018167.D

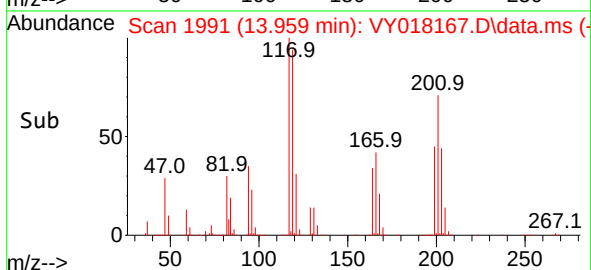
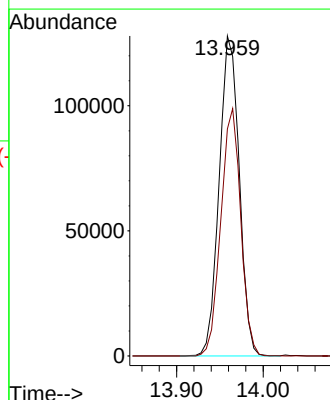
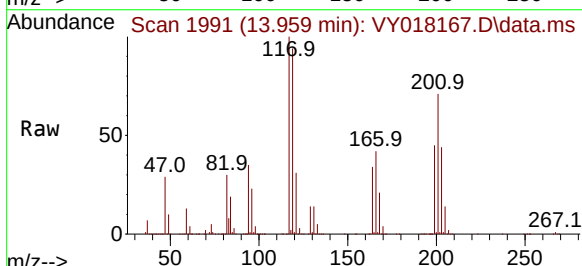
Acq: 07 May 2024 11:02

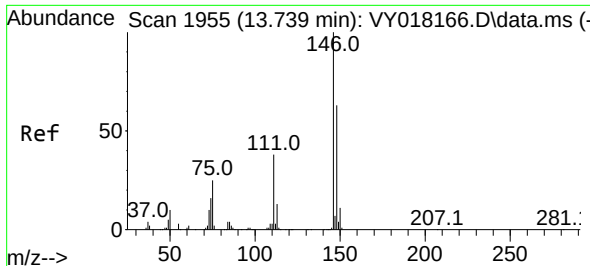
Tgt Ion: 117 Resp: 205788

Ion Ratio Lower Upper

117 100

201 76.6 37.4 112.2

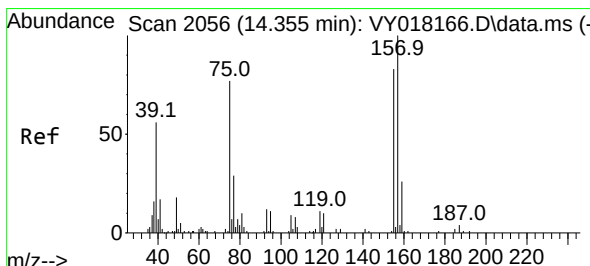
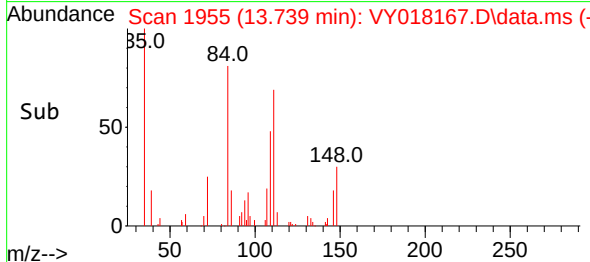
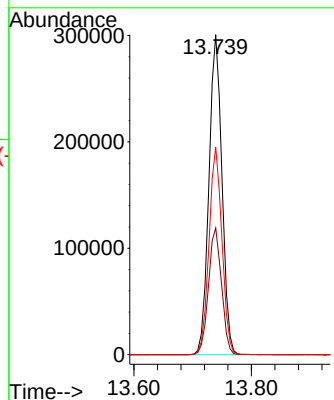
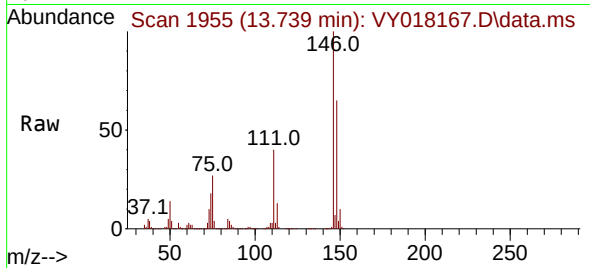




#91
 1,2-Dichlorobenzene
 Concen: 105.253 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

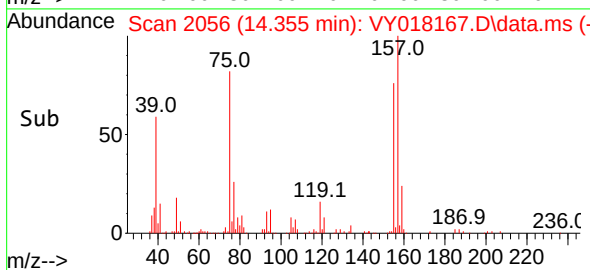
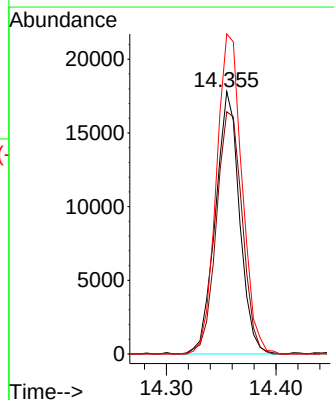
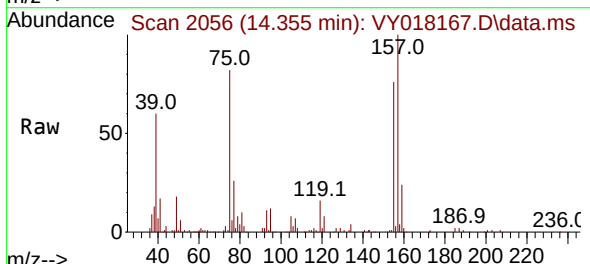
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

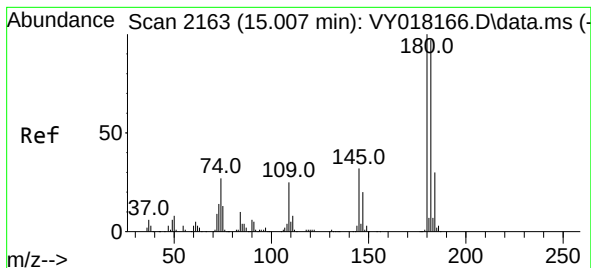
Tgt Ion:	146	Resp:	461665
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.5	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.071 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY018167.D
 Acq: 07 May 2024 11:02

Tgt Ion:	75	Resp:	27251
Ion	Ratio	Lower	Upper
75	100		
155	98.5	48.6	145.8
157	129.6	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 111.650 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

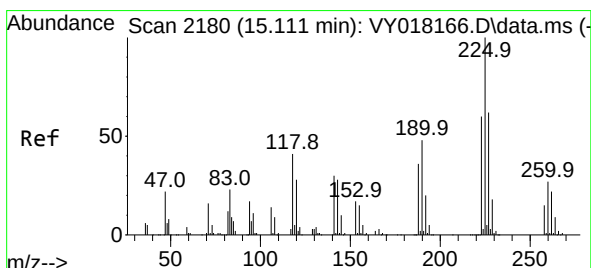
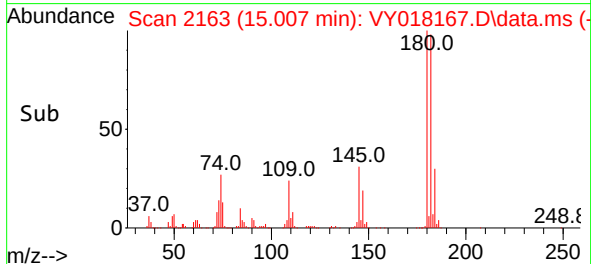
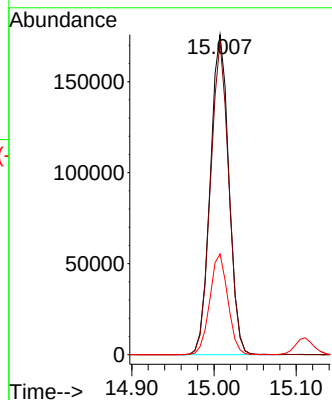
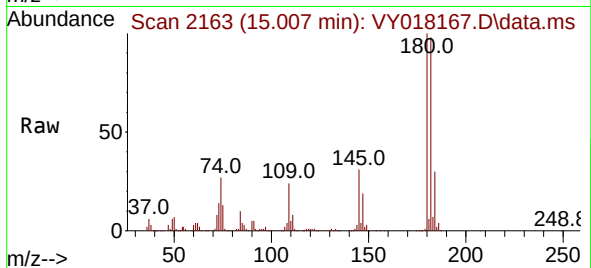
Tgt Ion:180 Resp: 275314

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 104.325 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

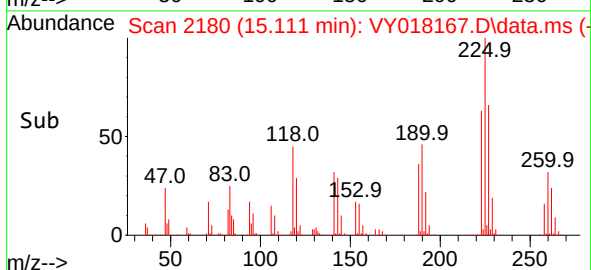
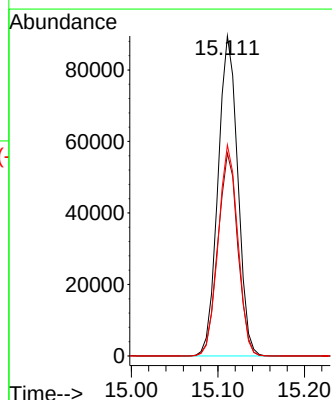
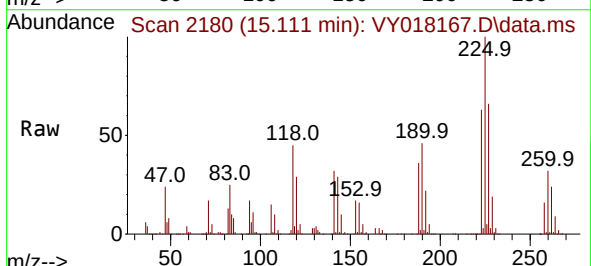
Tgt Ion:225 Resp: 141938

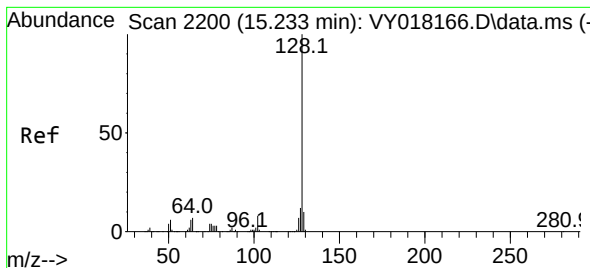
Ion Ratio Lower Upper

225 100

223 63.8 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 116.356 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

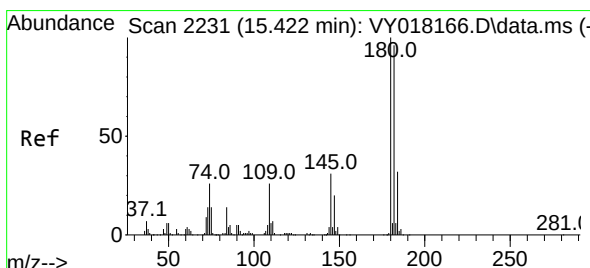
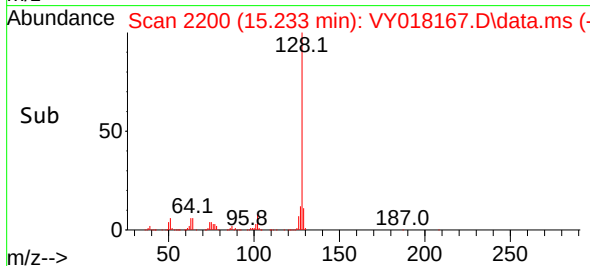
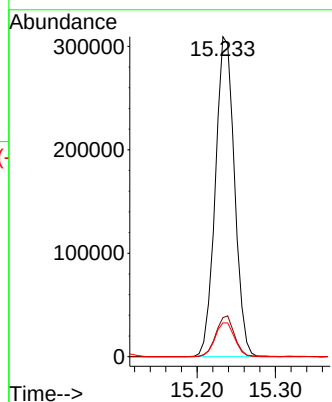
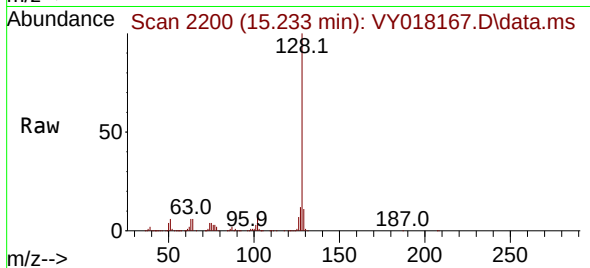
Tgt Ion:128 Resp: 525753

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 115.012 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018167.D

Acq: 07 May 2024 11:02

Tgt Ion:180 Resp: 232744

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 31.8 15.4 46.1

