

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009698.D
 Acq On : 26 Jul 2022 13:39
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 02:15:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 02:13:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	251373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171340	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	233043	120.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 241.260%#	
35) Dibromofluoromethane	7.710	113	276543	135.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 271.980%#	
50) Toluene-d8	10.173	98	841319	124.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 248.020%#	
62) 4-Bromofluorobenzene	12.477	95	400063	147.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 296.000%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	293907	133.812	ug/l	97
3) Chloromethane	2.107	50	376106	135.880	ug/l	96
4) Vinyl Chloride	2.241	62	417601	136.605	ug/l	99
5) Bromomethane	2.613	94	257655	122.655	ug/l	100
6) Chloroethane	2.771	64	247015	134.837	ug/l	99
7) Trichlorofluoromethane	3.107	101	575743	143.092	ug/l	93
8) Diethyl Ether	3.515	74	191449	146.187	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	325320	142.776	ug/l	94
10) Methyl Iodide	4.076	142	460617	153.344	ug/l #	88
11) Tert butyl alcohol	4.954	59	190555	711.836	ug/l	96
12) 1,1-Dichloroethene	3.857	96	316526	147.565	ug/l	83
13) Acrolein	3.722	56	28777	653.785	ug/l	100
14) Allyl chloride	4.466	41	502097	149.003	ug/l #	90
15) Acrylonitrile	5.149	53	498184	779.063	ug/l	97
16) Acetone	3.936	43	402357	667.212	ug/l	90
17) Carbon Disulfide	4.180	76	989698	150.059	ug/l	100
18) Methyl Acetate	4.466	43	230845	130.514	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	918767	155.439	ug/l	96
20) Methylene Chloride	4.698	84	373374	91.416	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	369794	147.377	ug/l	86
22) Diisopropyl ether	6.112	45	1085376	150.236	ug/l #	90
23) Vinyl Acetate	6.051	43	3691594	827.465	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	608566	146.093	ug/l	98
25) 2-Butanone	6.978	43	674165	755.790	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	545553	137.718	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	415282	148.486	ug/l	86
28) Bromochloromethane	7.325	49	221137	146.062	ug/l #	80
29) Tetrahydrofuran	7.338	42	456071	805.726	ug/l #	87
30) Chloroform	7.496	83	628484	144.433	ug/l	99
31) Cyclohexane	7.777	56	570154	143.033	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	571974	145.772	ug/l	95
36) 1,1-Dichloropropene	7.911	75	495113	148.280	ug/l	96
37) Ethyl Acetate	7.063	43	299558	152.553	ug/l #	94
38) Carbon Tetrachloride	7.892	117	524584	148.351	ug/l	99
39) Methylcyclohexane	9.179	83	638401	156.959	ug/l	90
40) Benzene	8.155	78	1442883	147.356	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	406923	403.735	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	397962	145.990	ug/l	90
43) Isopropyl Acetate	8.264	43	545508	158.335	ug/l #	92
44) Trichloroethene	8.935	130	419886	149.723	ug/l	99
45) 1,2-Dichloropropane	9.209	63	354871	148.970	ug/l	95
46) Dibromomethane	9.301	93	216689	151.178	ug/l	96
47) Bromodichloromethane	9.490	83	491819	150.460	ug/l	99
48) Methyl methacrylate	9.289	41	247425	163.351	ug/l #	84
49) 1,4-Dioxane	9.289	88	66207	3554.018	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	1474602	838.549	ug/l	89
52) Toluene	10.240	92	944126	154.423	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	531052	158.009	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	595560	153.844	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	302995	151.118	ug/l	98
56) Ethyl methacrylate	10.508	69	439377	175.202	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	498551	152.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	1024574	937.347	ug/l	94
59) 2-Hexanone	10.831	43	1043541	834.443	ug/l	87
60) Dibromochloromethane	10.983	129	372218	153.667	ug/l	100
61) 1,2-Dibromoethane	11.087	107	304725	156.092	ug/l	100
64) Tetrachloroethene	10.715	164	392992	147.263	ug/l	98
65) Chlorobenzene	11.514	112	995932	146.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	383620	151.510	ug/l	98
67) Ethyl Benzene	11.587	91	1817501	154.152	ug/l	97
68) m/p-Xylenes	11.697	106	1436540	304.903	ug/l	92
69) o-Xylene	12.026	106	689872	155.989	ug/l	91
70) Styrene	12.044	104	1179078	158.723	ug/l	94
71) Bromoform	12.203	173	256900	158.208	ug/l #	99
73) Isopropylbenzene	12.325	105	1777007	154.018	ug/l	99
74) N-amyl acetate	12.142	43	507333	165.672	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	354419	153.743	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	472347	283.587	ug/l #	100
77) Bromobenzene	12.605	156	432266	149.870	ug/l	93
78) n-propylbenzene	12.666	91	2102763	152.978	ug/l	97
79) 2-Chlorotoluene	12.751	91	1165618	150.557	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	1451836	152.131	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	134867	164.701	ug/l #	84
82) 4-Chlorotoluene	12.855	91	1207628	148.903	ug/l	96
83) tert-Butylbenzene	13.074	119	1289783	153.507	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	1450251	153.763	ug/l	97
85) sec-Butylbenzene	13.251	105	1872964	152.330	ug/l	98
86) p-Isopropyltoluene	13.367	119	1604395	153.657	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	844203	148.684	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	824357	144.256	ug/l	97
89) n-Butylbenzene	13.696	91	1456752	152.601	ug/l	97
90) Hexachloroethane	13.958	117	298790	146.106	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	737927	144.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	57647	153.083	ug/l	67
93) 1,2,4-Trichlorobenzene	15.007	180	480300	149.293	ug/l	100
94) Hexachlorobutadiene	15.111	225	264784	137.075	ug/l	98
95) Naphthalene	15.233	128	955515	158.961	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	398216	142.871	ug/l	100

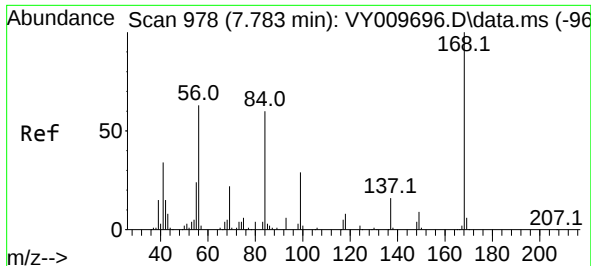
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Response via : Initial Calibration

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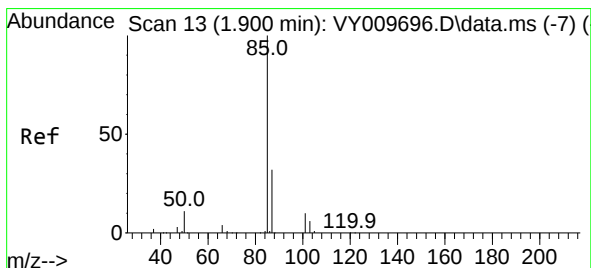
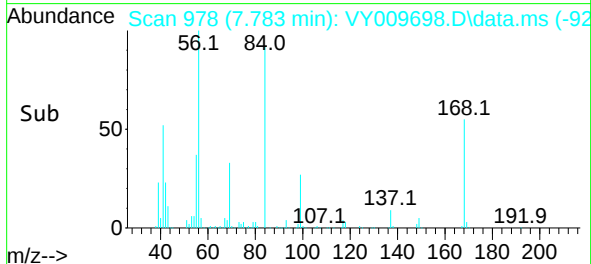
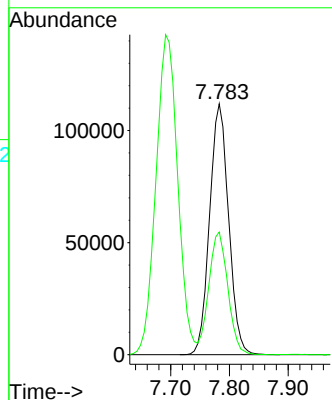
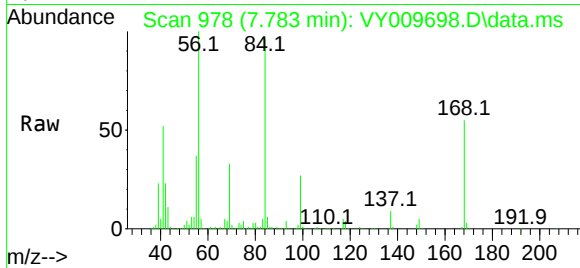
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

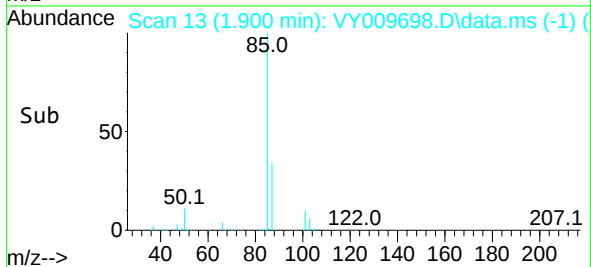
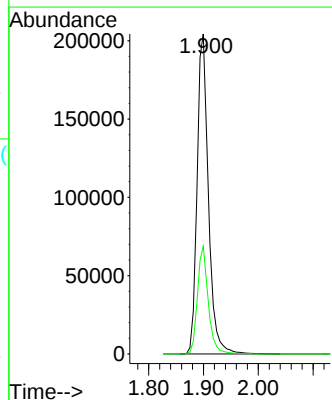
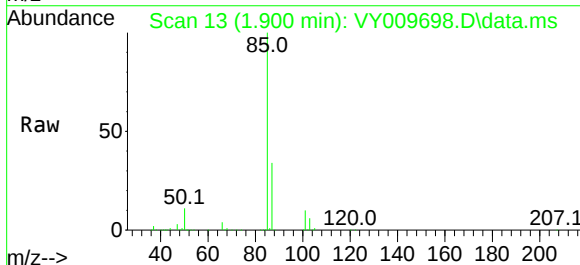
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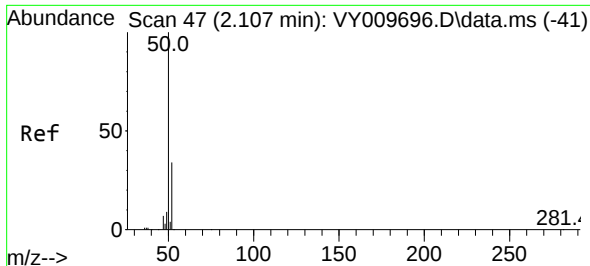
Tgt Ion:168 Resp: 251373
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 133.812 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 85 Resp: 293907
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

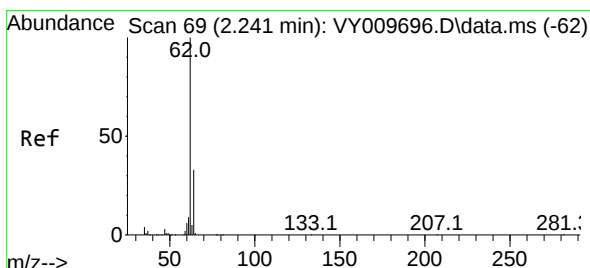
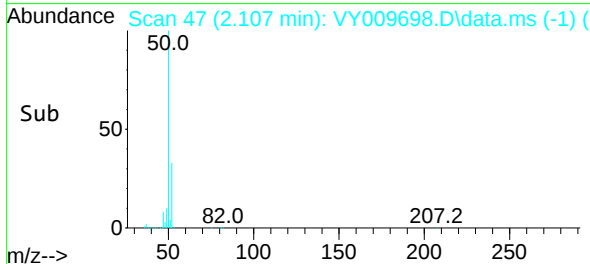
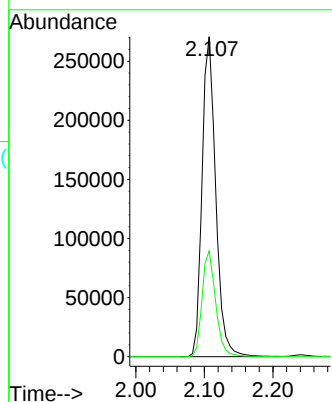
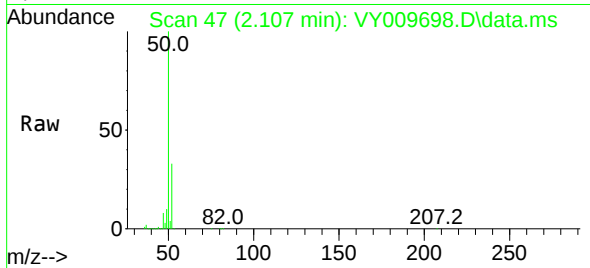




#3
Chloromethane
Concen: 135.880 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

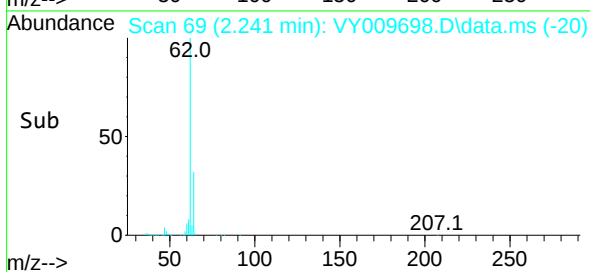
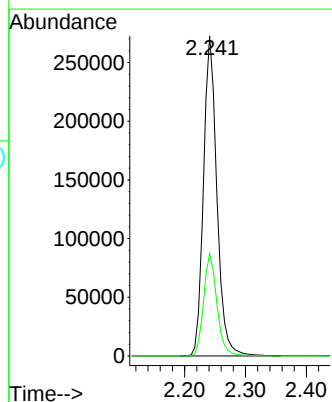
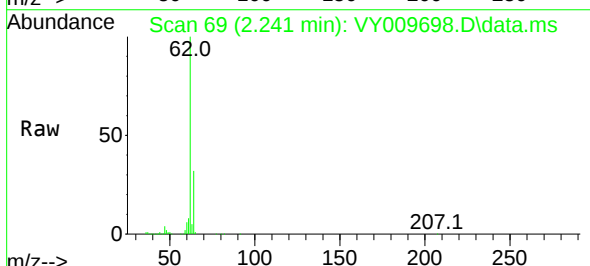
Instrument :
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ClientSampleId :
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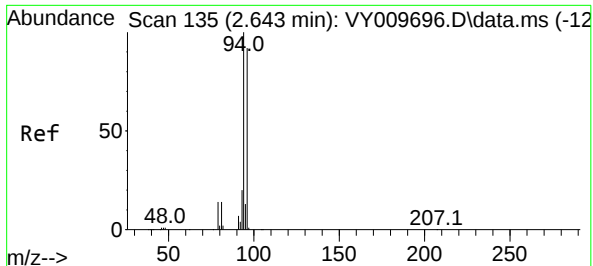
Tgt Ion: 50 Resp: 376106
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 136.605 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 62 Resp: 417601
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

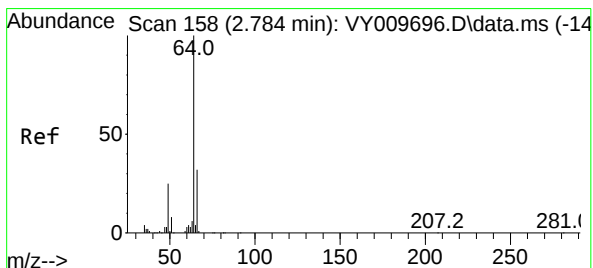
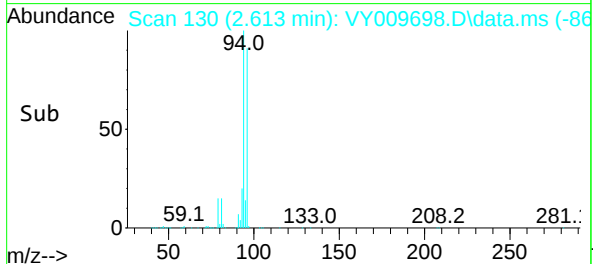
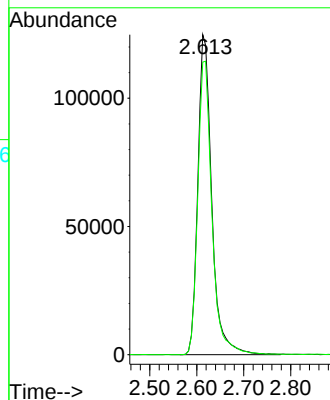
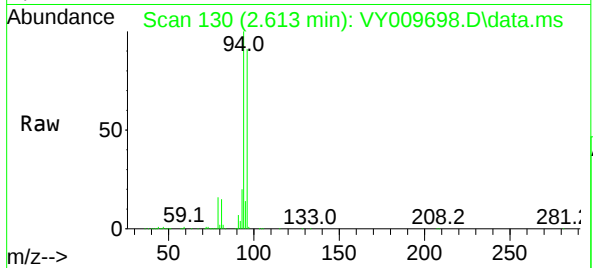




#5
Bromomethane
Concen: 122.655 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

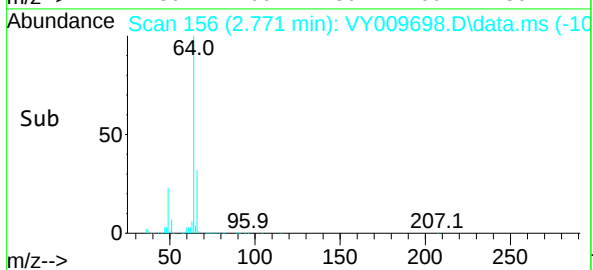
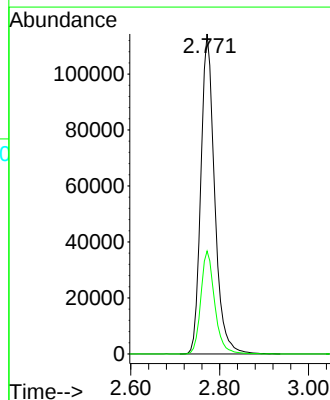
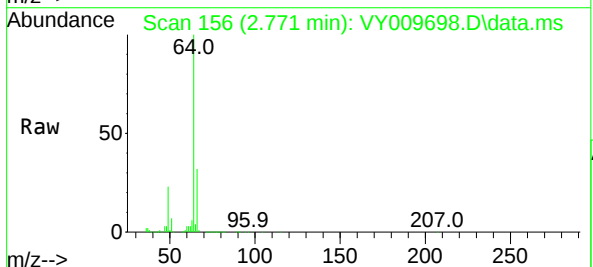
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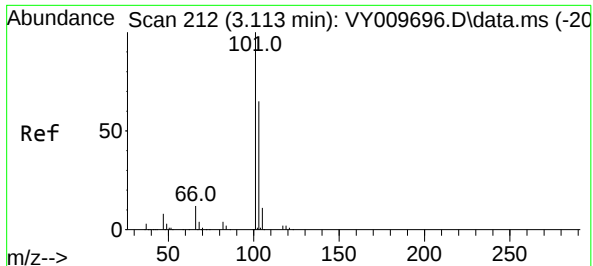
Tgt Ion: 94 Resp: 257655
Ion Ratio Lower Upper
94 100
96 91.4 73.5 110.3



#6
Chloroethane
Concen: 134.837 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 64 Resp: 247015
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0

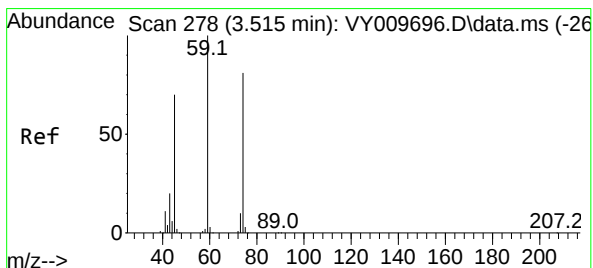
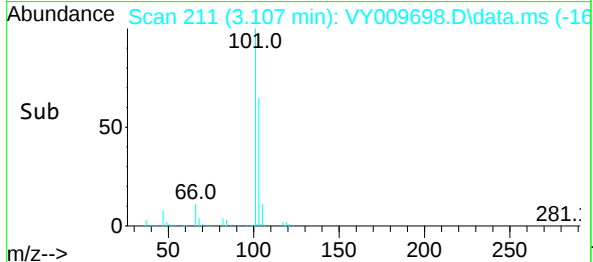
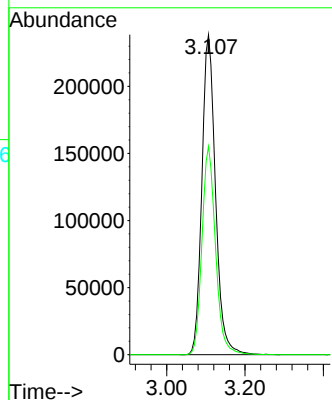
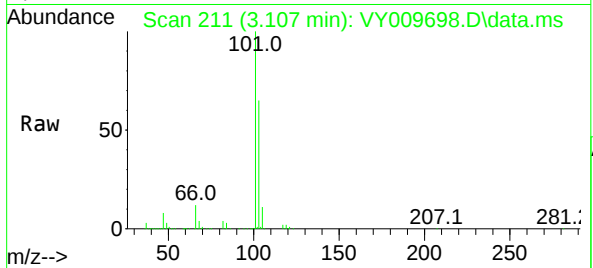




#7
Trichlorofluoromethane
Concen: 143.092 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

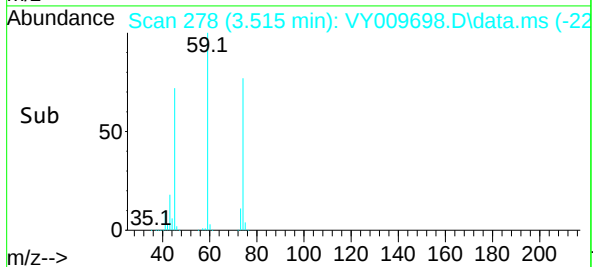
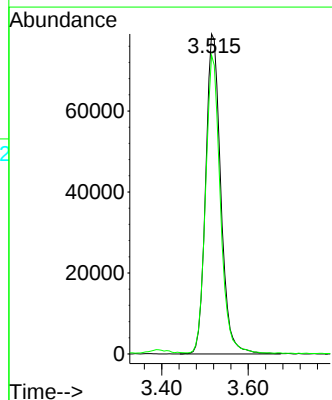
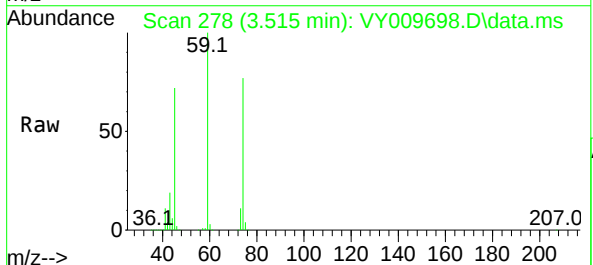
Instrument :
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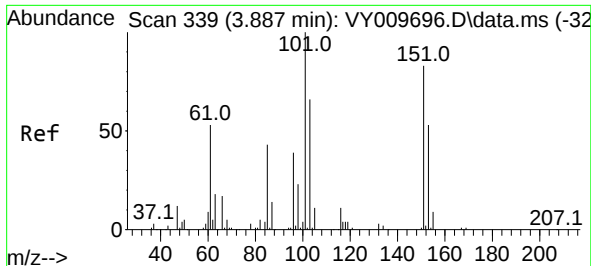
Tgt Ion:101 Resp: 575743
Ion Ratio Lower Upper
101 100
103 65.1 48.0 72.0



#8
Diethyl Ether
Concen: 146.187 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 74 Resp: 191449
Ion Ratio Lower Upper
74 100
45 90.5 55.1 165.5

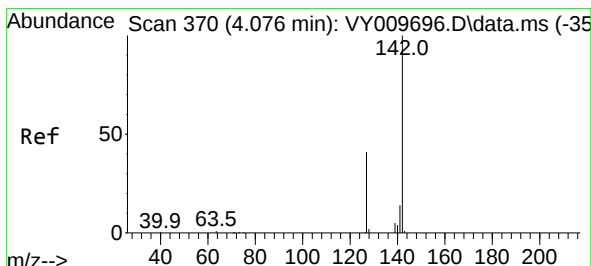
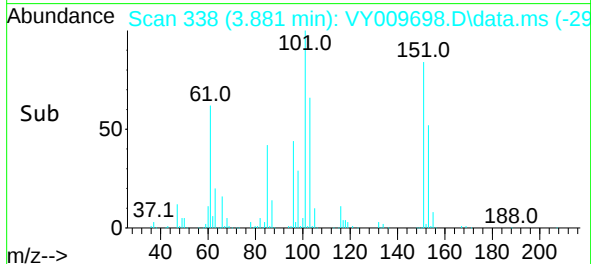
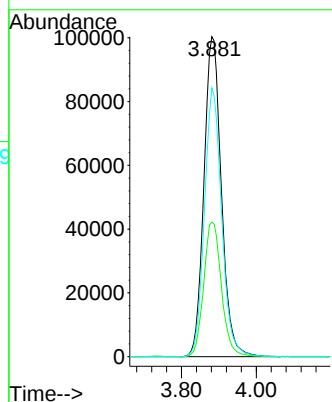
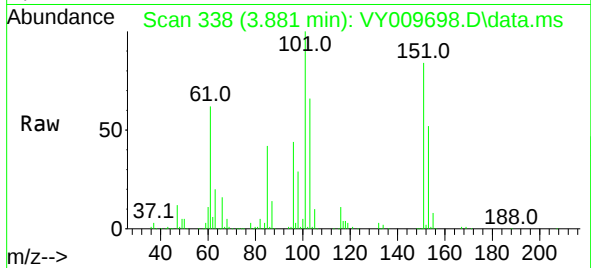




#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.776 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009698.D
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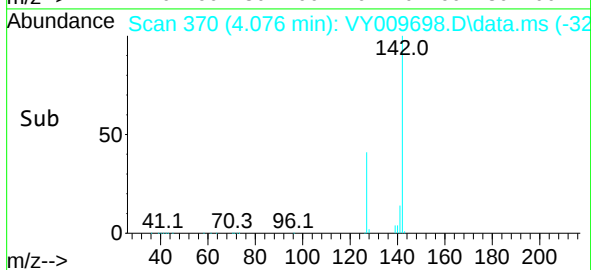
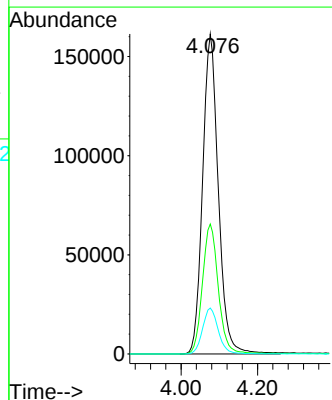
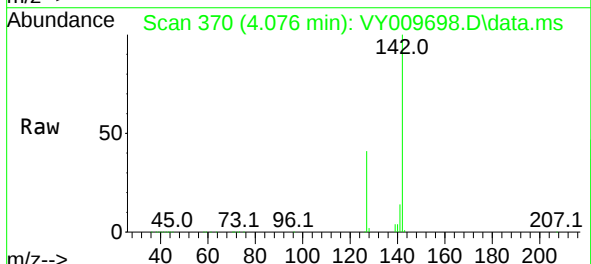
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

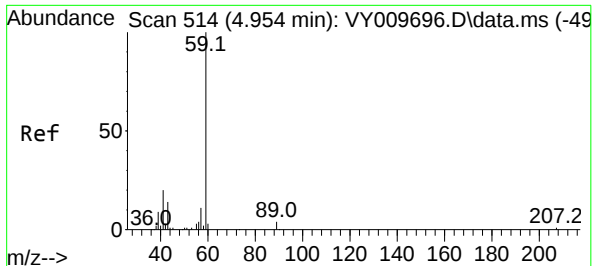
Tgt Ion:101 Resp: 325320
Ion Ratio Lower Upper
101 100
85 42.7 40.6 60.8
151 83.0 64.9 97.3



#10
Methyl Iodide
Concen: 153.344 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:142 Resp: 460617
Ion Ratio Lower Upper
142 100
127 41.0 41.5 62.3#
141 14.4 11.9 17.9

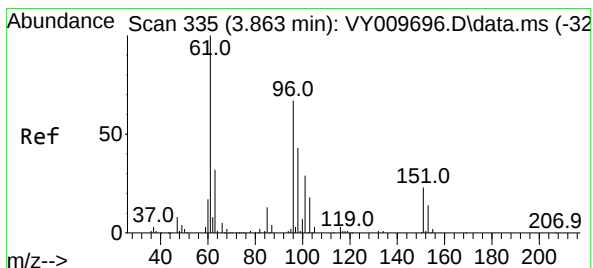
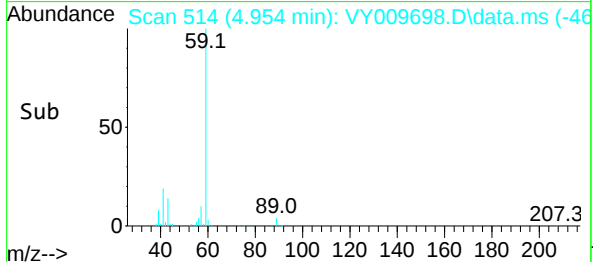
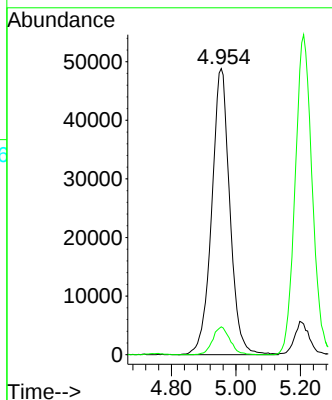
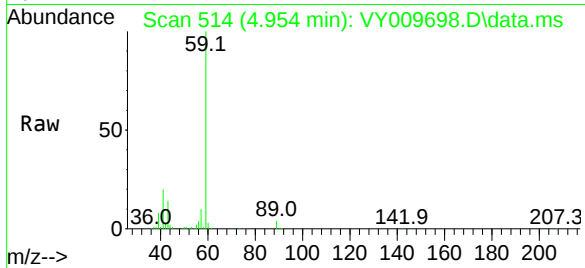




#11
Tert butyl alcohol
Concen: 711.836 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

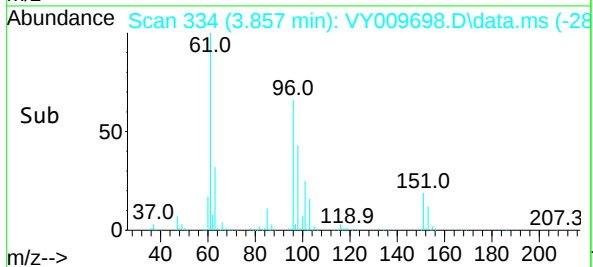
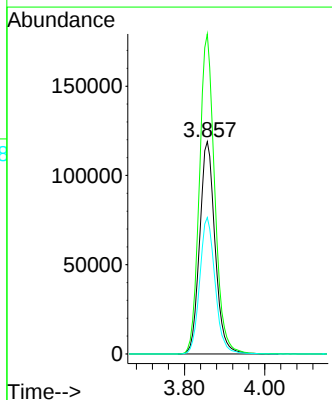
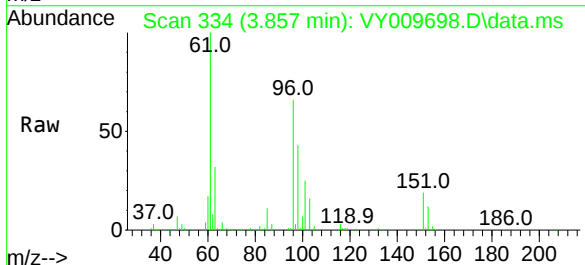
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

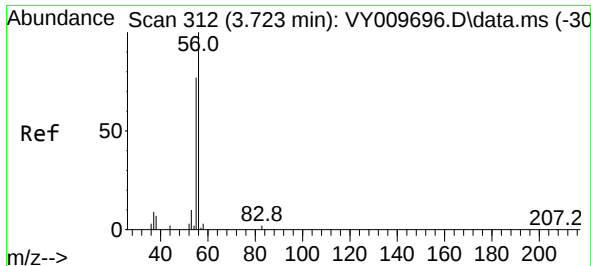
Tgt Ion: 59 Resp: 190555
Ion Ratio Lower Upper
59 100
57 9.3 6.4 9.6



#12
1,1-Dichloroethene
Concen: 147.565 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 96 Resp: 316526
Ion Ratio Lower Upper
96 100
61 150.7 145.8 218.6
98 64.3 52.5 78.7

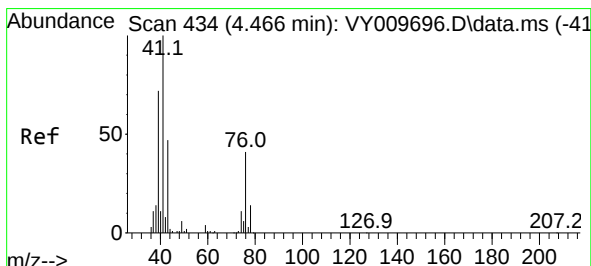
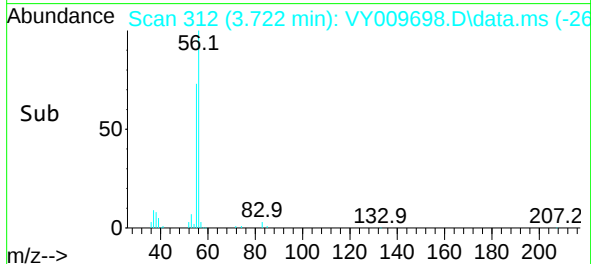
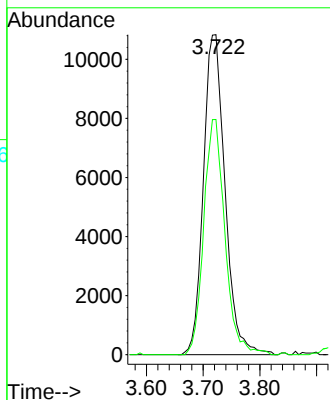
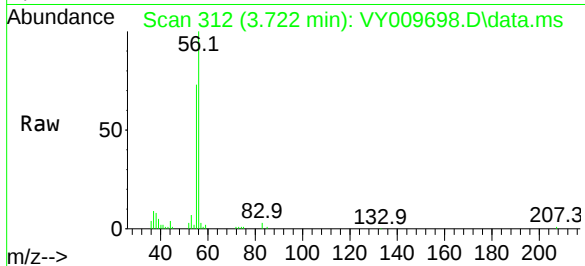




#13
Acrolein
Concen: 653.785 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

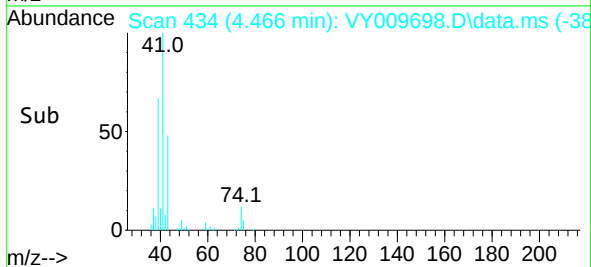
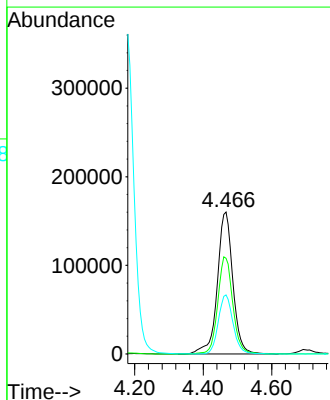
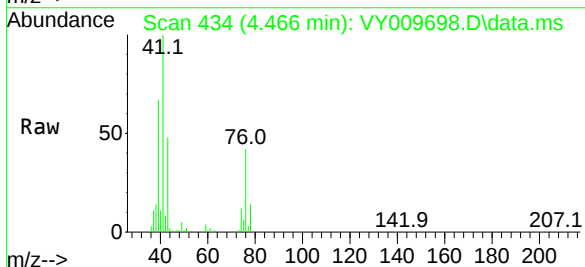
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

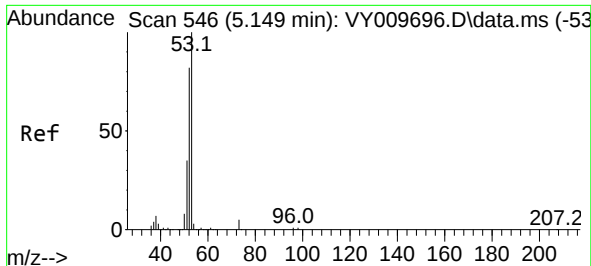
Tgt Ion: 56 Resp: 28777
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4



#14
Allyl chloride
Concen: 149.003 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 41 Resp: 502097
Ion Ratio Lower Upper
41 100
39 65.9 58.8 88.2
76 39.1 25.1 37.7#

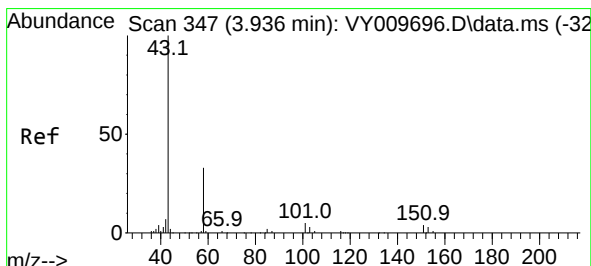
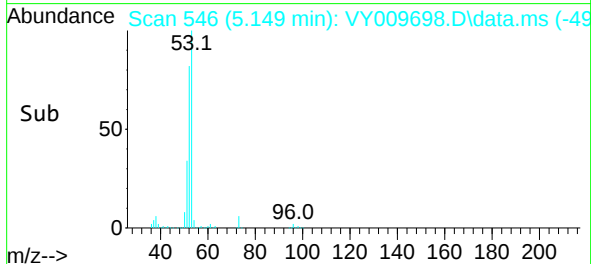
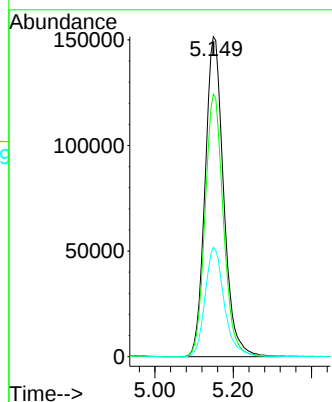
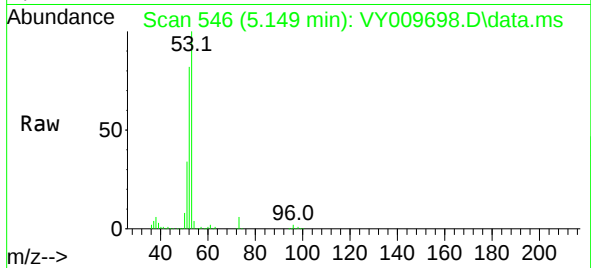




#15
Acrylonitrile
Concen: 779.063 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

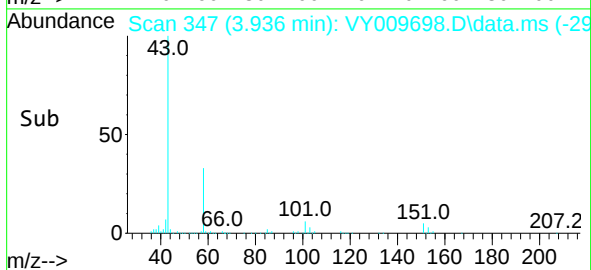
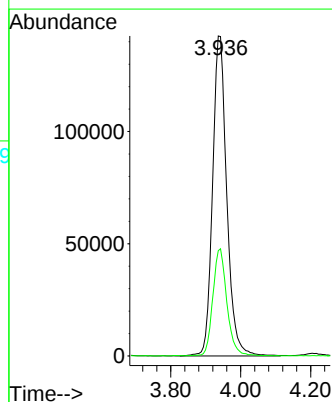
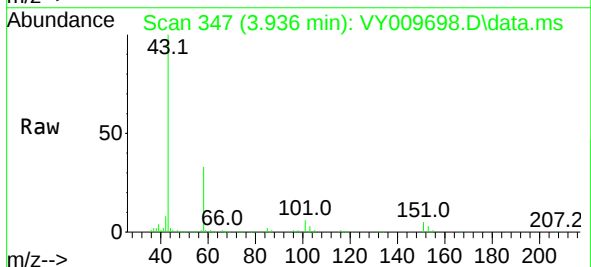
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

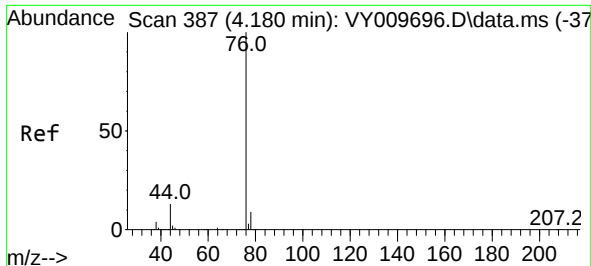
Tgt Ion: 53 Resp: 498184
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 667.212 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 43 Resp: 402357
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0





#17

Carbon Disulfide

Concen: 150.059 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

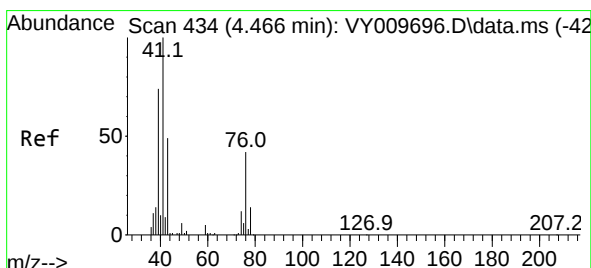
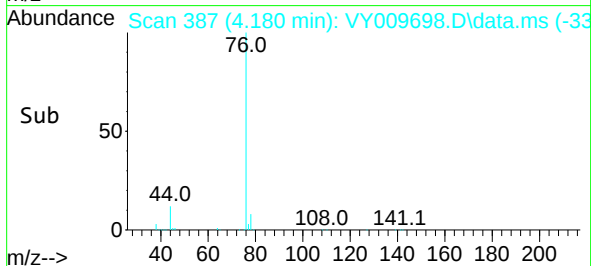
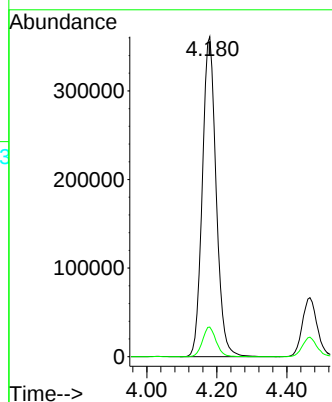
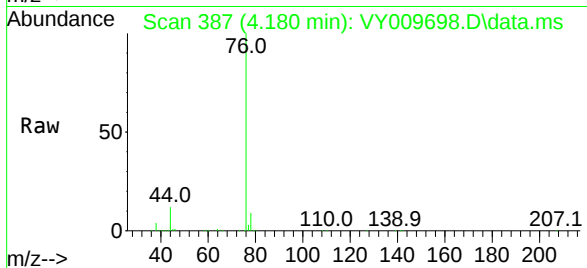
VSTDIC150

Tgt Ion: 76 Resp: 989698

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 130.514 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY009698.D

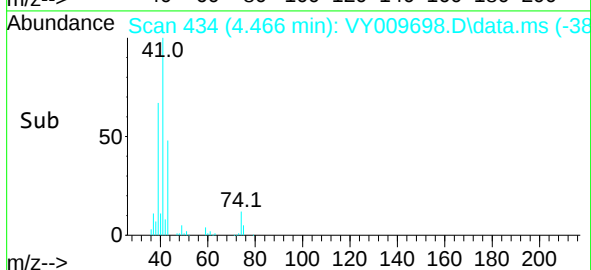
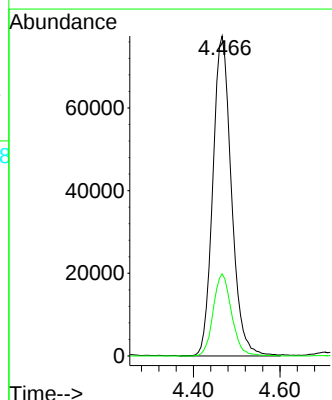
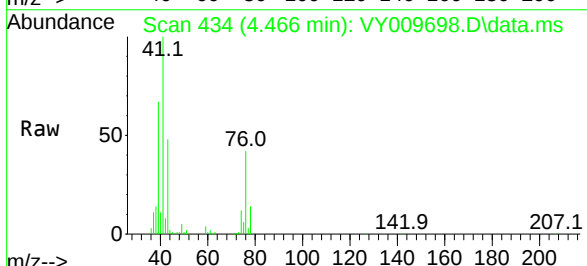
Acq: 26 Jul 2022 13:39

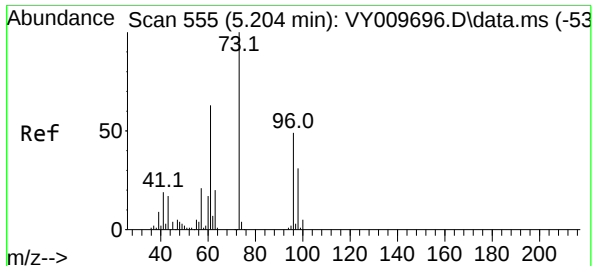
Tgt Ion: 43 Resp: 230845

Ion Ratio Lower Upper

43 100

74 25.4 16.6 24.8#

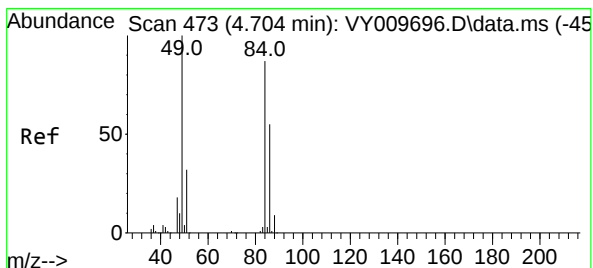
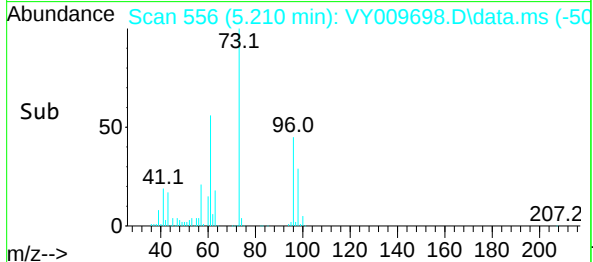
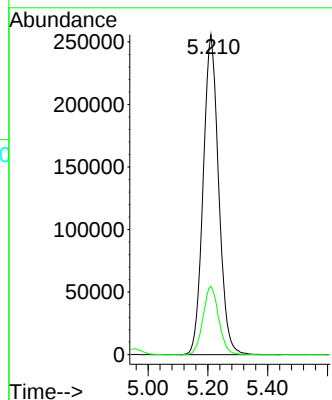
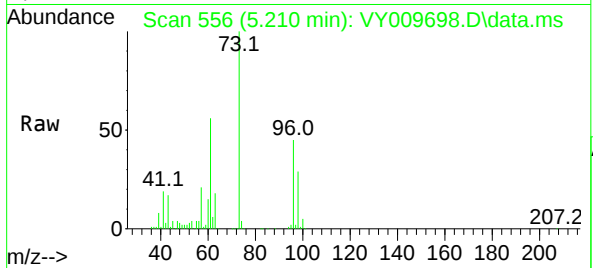




#19
Methyl tert-butyl Ether
Concen: 155.439 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

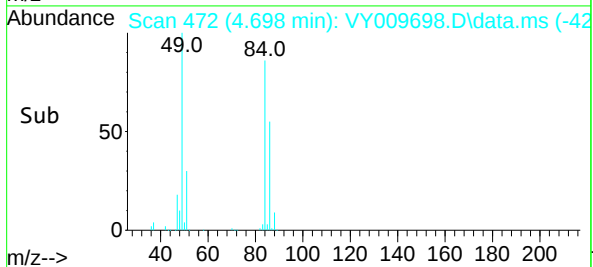
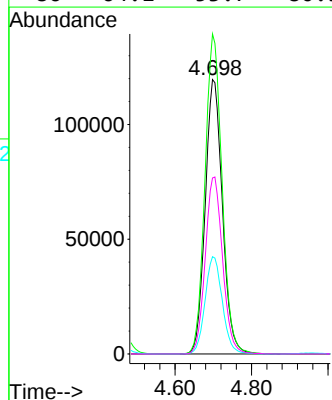
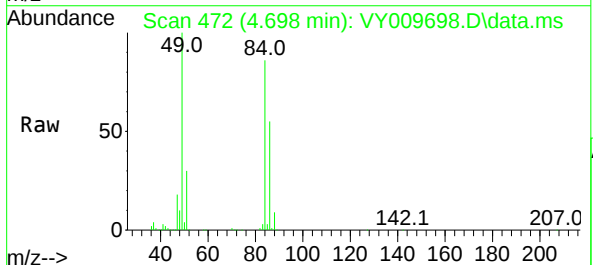
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

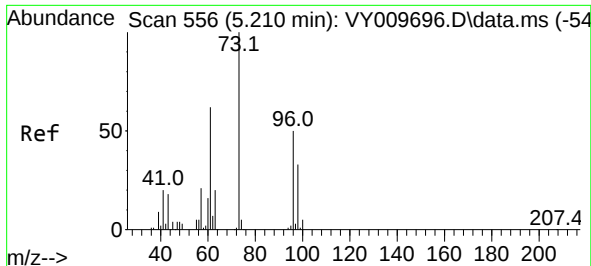
Tgt Ion: 73 Resp: 918767
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 91.416 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 84 Resp: 373374
Ion Ratio Lower Upper
84 100
49 116.6 114.4 171.6
51 35.4 35.3 52.9
86 64.1 53.7 80.5

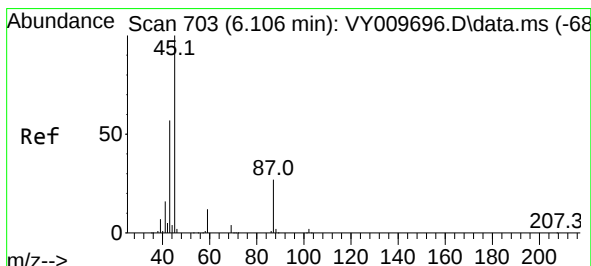
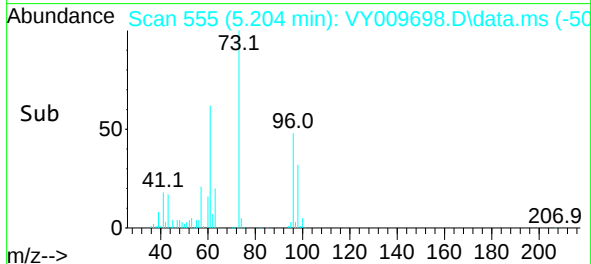
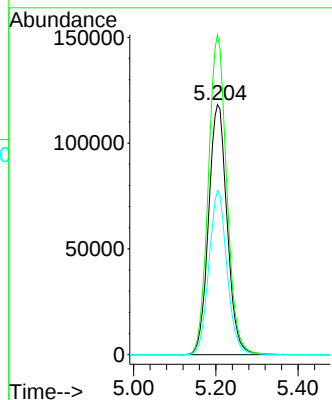
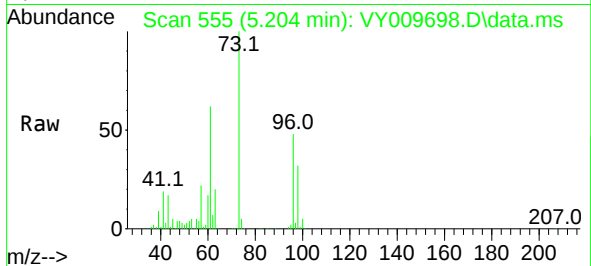




#21
trans-1,2-Dichloroethene
Concen: 147.377 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

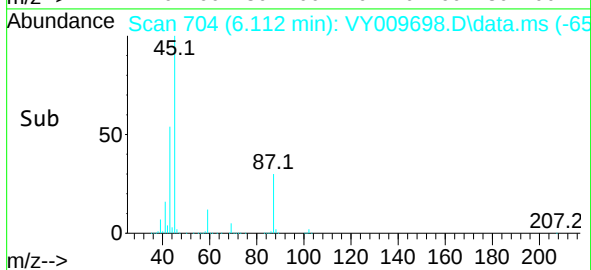
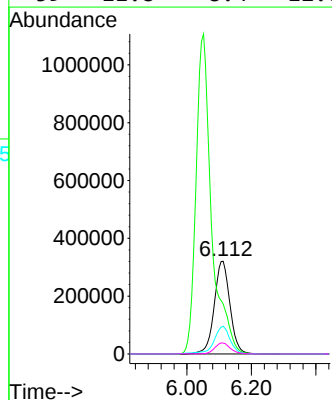
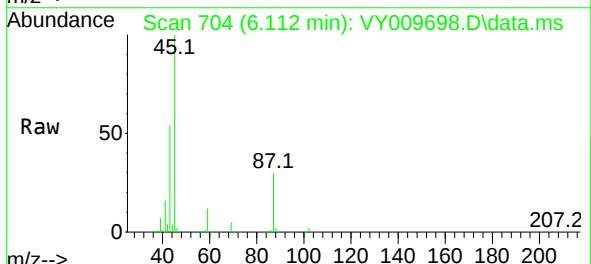
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

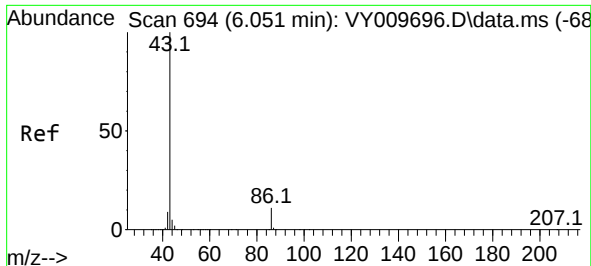
Tgt Ion: 96 Resp: 369794
Ion Ratio Lower Upper
96 100
61 127.9 120.5 180.7
98 65.8 49.8 74.8



#22
Diisopropyl ether
Concen: 150.236 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 45 Resp: 1085376
Ion Ratio Lower Upper
45 100
43 53.7 49.3 73.9
87 29.9 19.2 28.8#
59 11.8 8.4 12.6

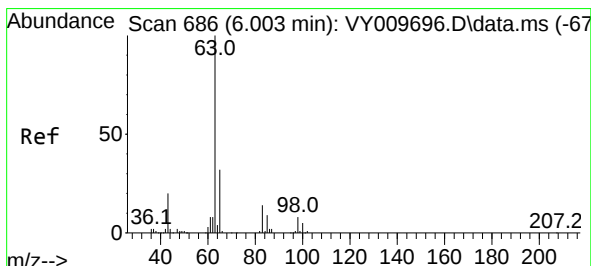
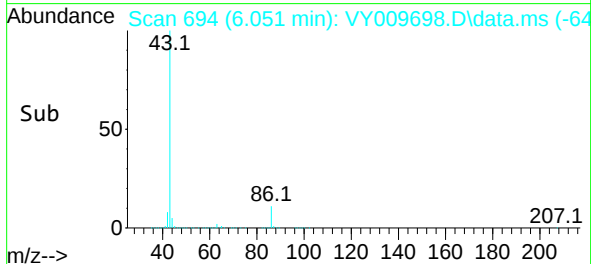
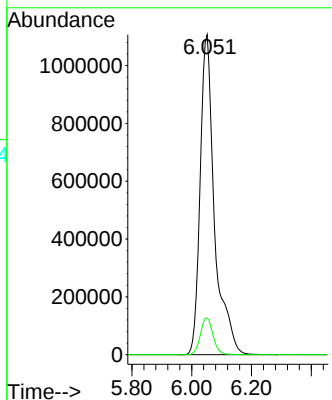
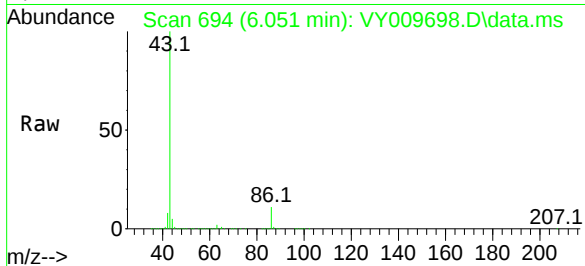




#23
 Vinyl Acetate
 Concen: 827.465 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY009698.D
 Acq: 26 Jul 2022 13:39

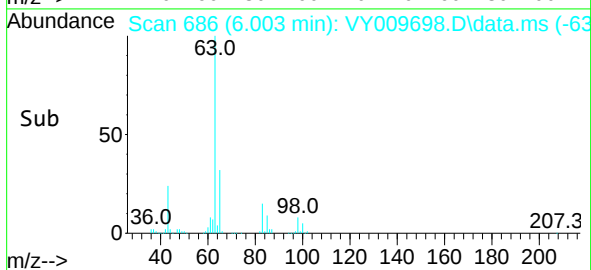
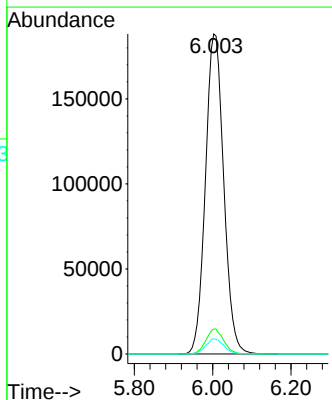
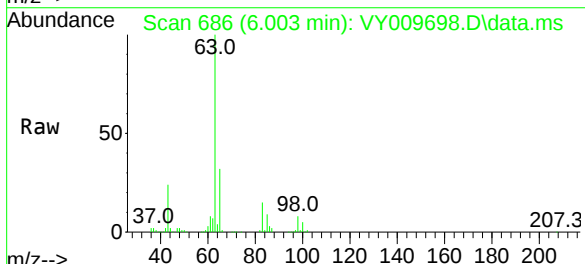
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

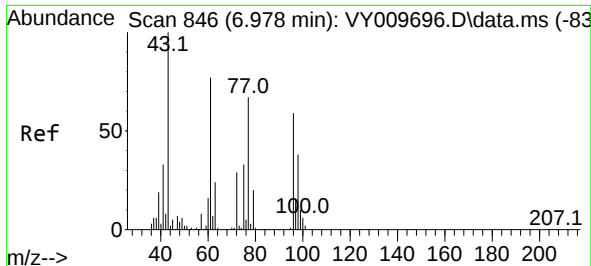
Tgt Ion: 43 Resp: 3691594
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 146.093 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009698.D
 Acq: 26 Jul 2022 13:39

Tgt Ion: 63 Resp: 608566
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.7 2.0 5.8

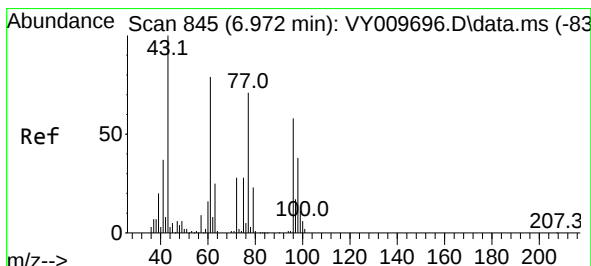
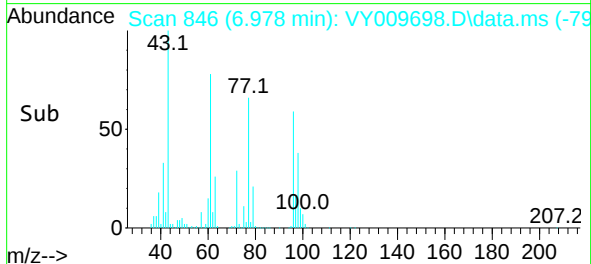
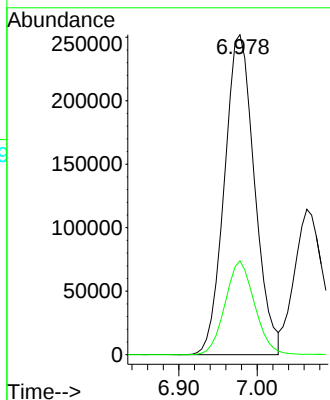
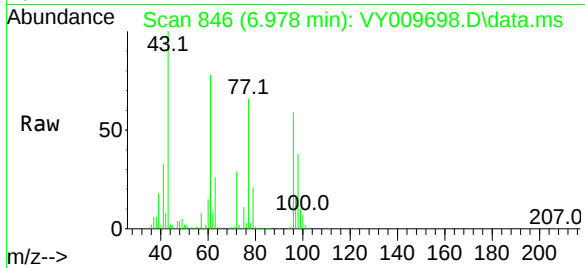




#25
2-Butanone
Concen: 755.790 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

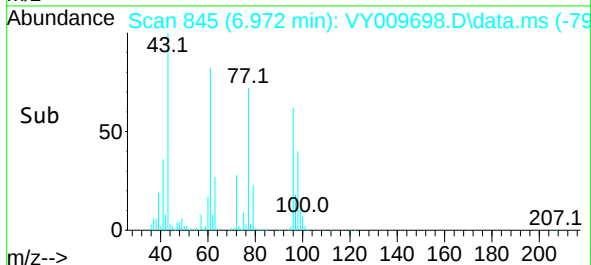
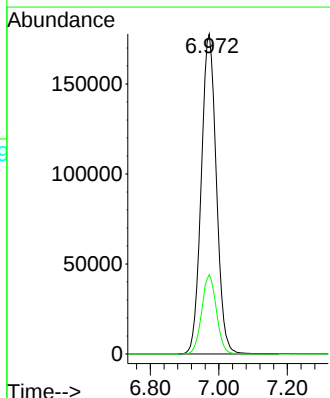
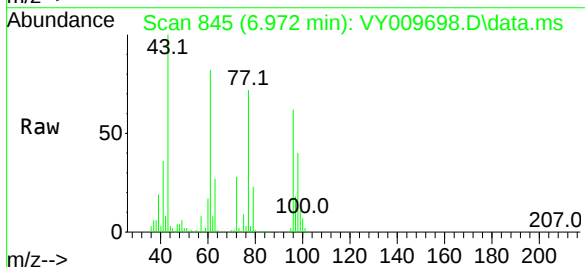
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

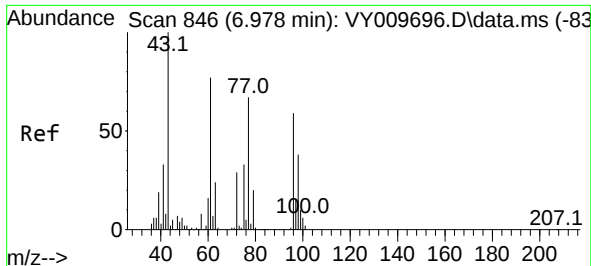
Tgt Ion: 43 Resp: 674165
Ion Ratio Lower Upper
43 100
72 29.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 137.718 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 77 Resp: 545553
Ion Ratio Lower Upper
77 100
97 24.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 148.486 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

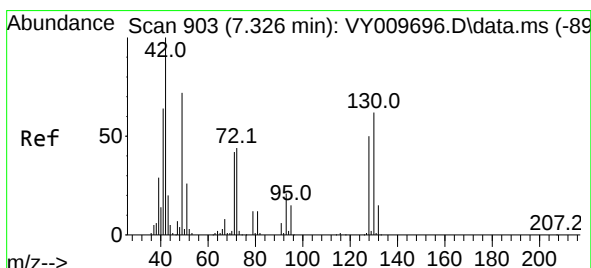
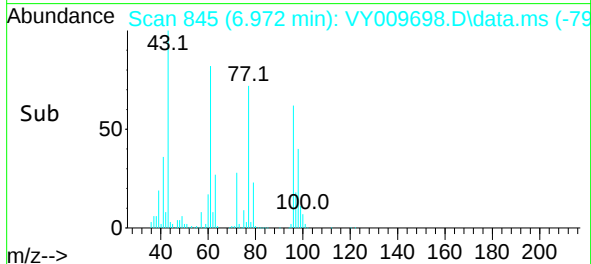
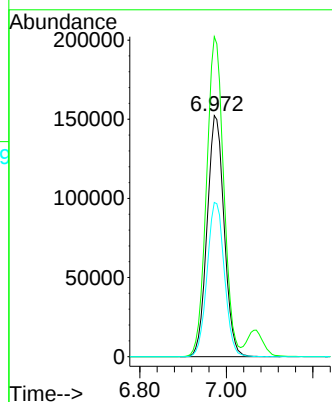
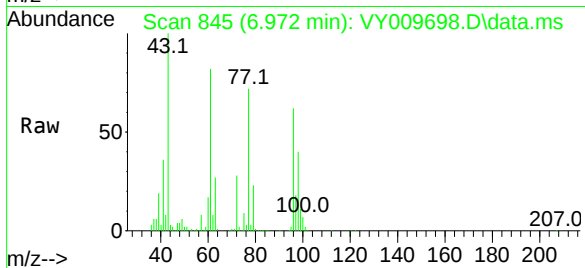
Tgt Ion: 96 Resp: 415282

Ion Ratio Lower Upper

96 100

61 134.4 0.0 319.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 146.062 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

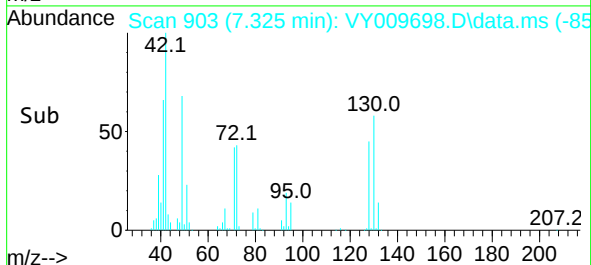
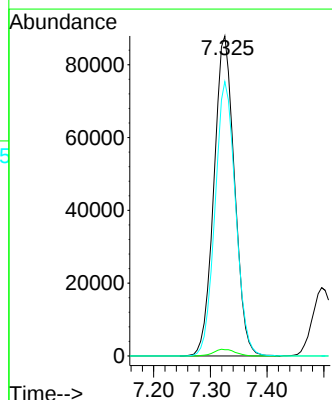
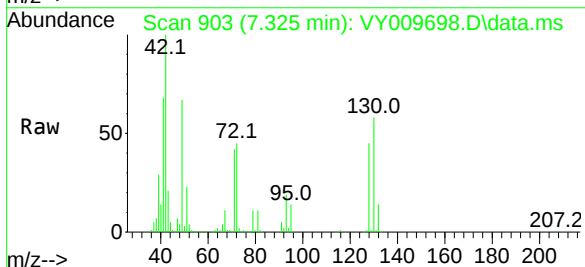
Tgt Ion: 49 Resp: 221137

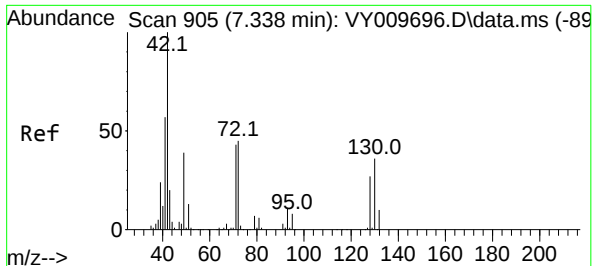
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 85.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 805.726 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

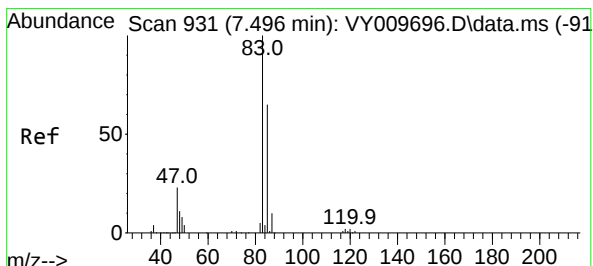
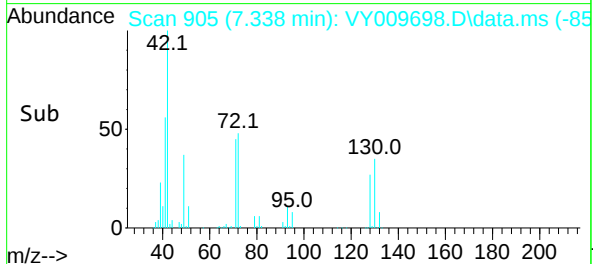
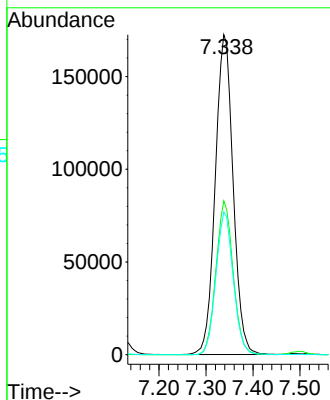
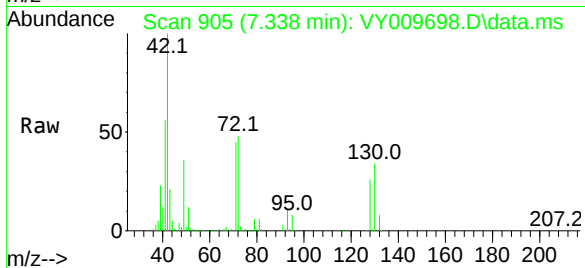
Tgt Ion: 42 Resp: 456071

Ion Ratio Lower Upper

42 100

72 46.3 30.3 45.5#

71 43.1 29.0 43.4



#30

Chloroform

Concen: 144.433 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009698.D

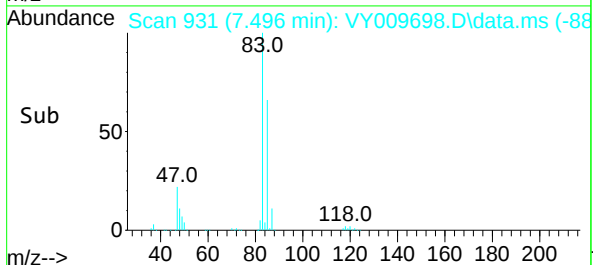
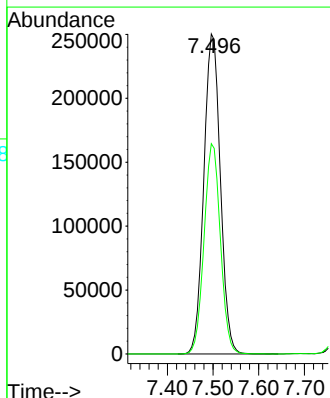
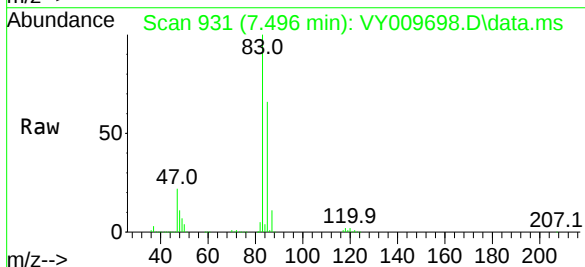
Acq: 26 Jul 2022 13:39

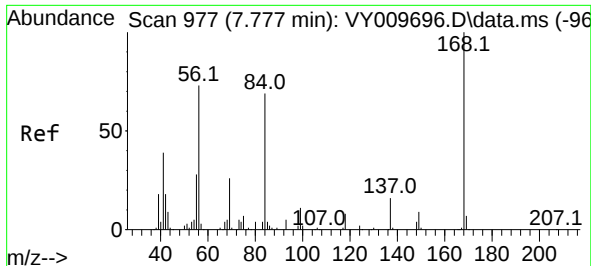
Tgt Ion: 83 Resp: 628484

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.6

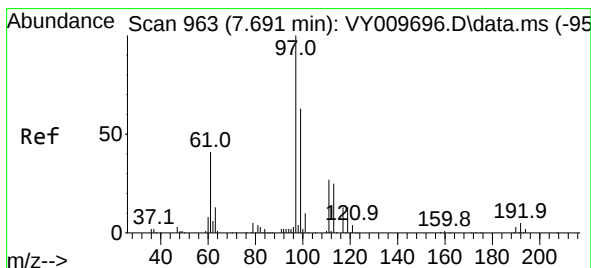
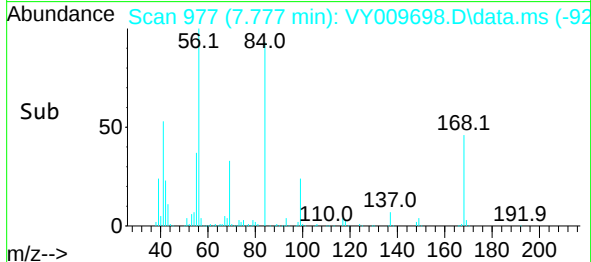
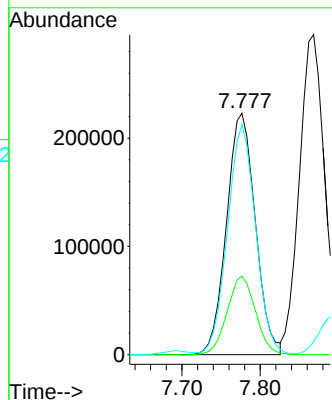
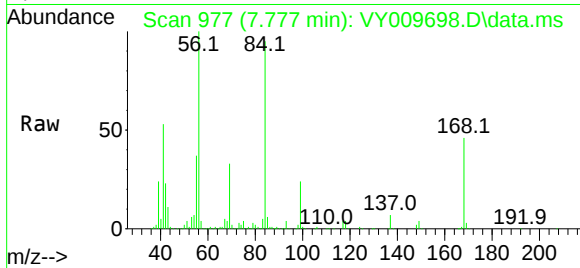




#31
Cyclohexane
Concen: 143.033 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

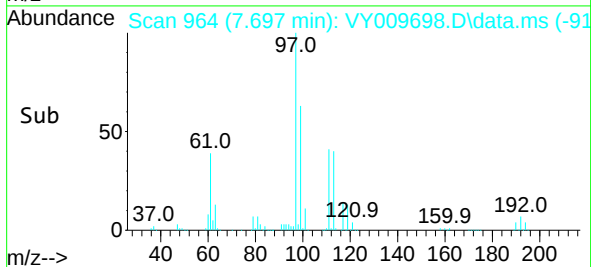
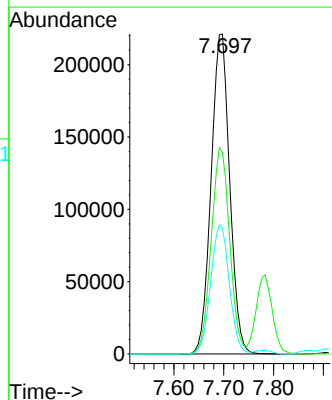
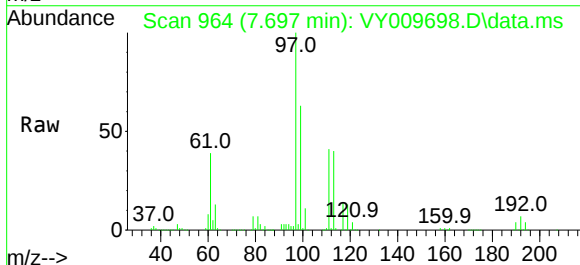
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

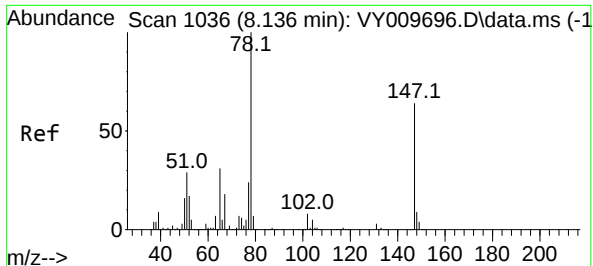
Tgt Ion: 56 Resp: 570154
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 93.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 145.772 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 97 Resp: 571974
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 40.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 120.629 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

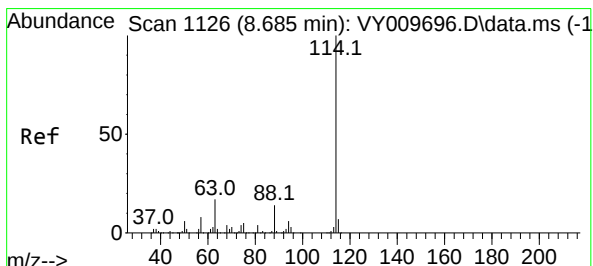
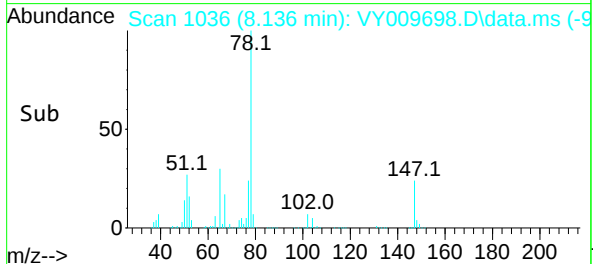
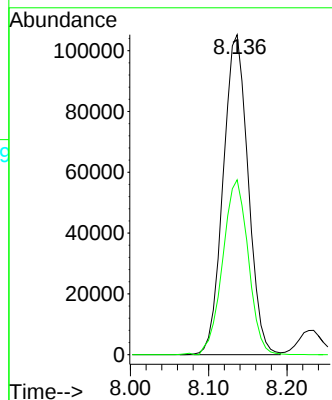
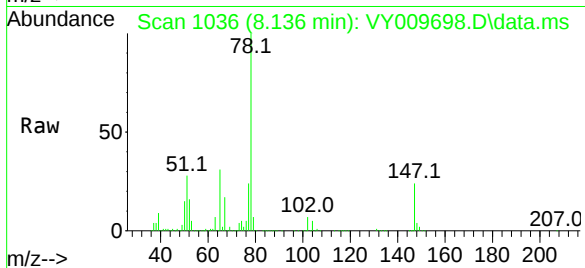
VSTDIC150

Tgt Ion: 65 Resp: 233043

Ion Ratio Lower Upper

65 100

67 55.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

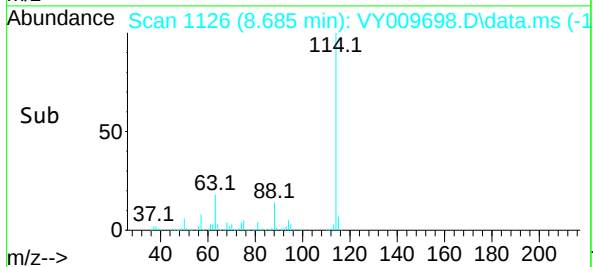
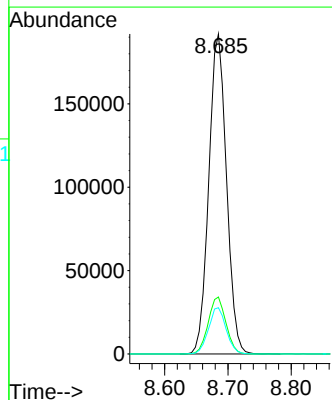
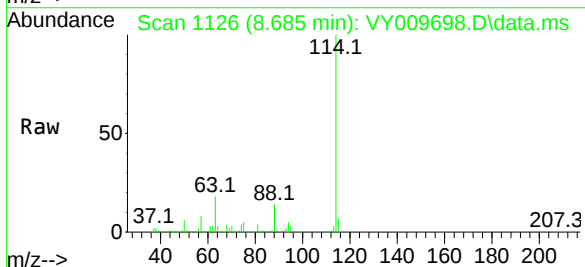
Tgt Ion: 114 Resp: 373042

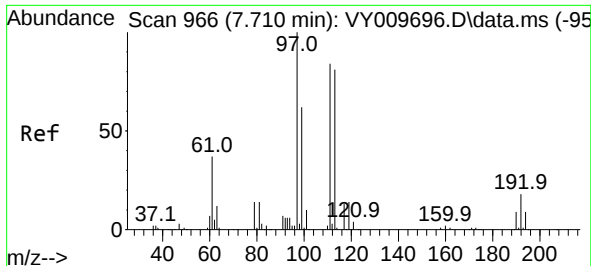
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.4 0.0 31.8

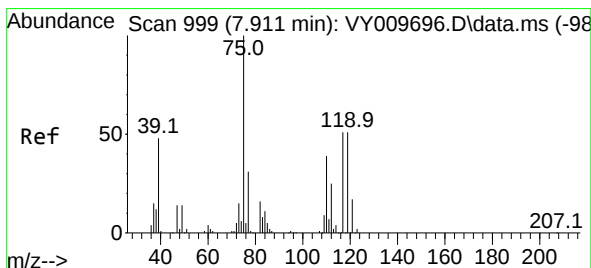
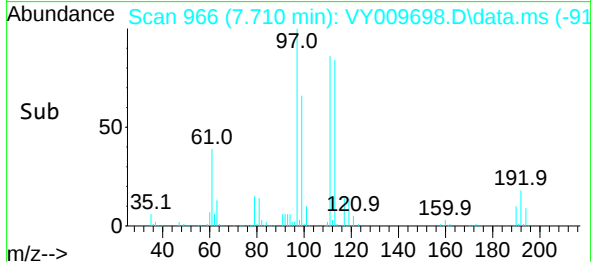
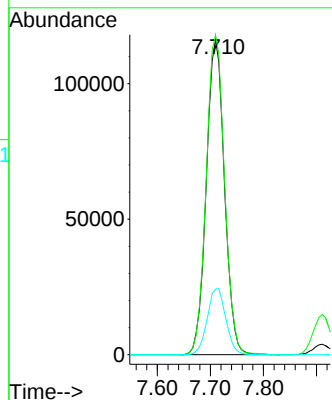
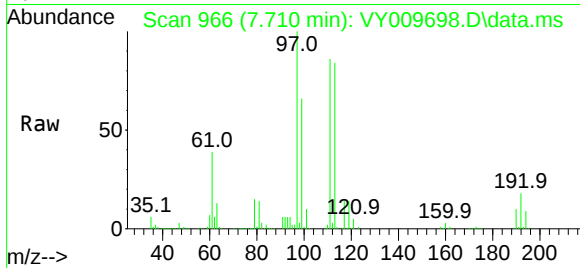




#35
 Dibromofluoromethane
 Concen: 135.993 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VY009698.D
 Acq: 26 Jul 2022 13:39

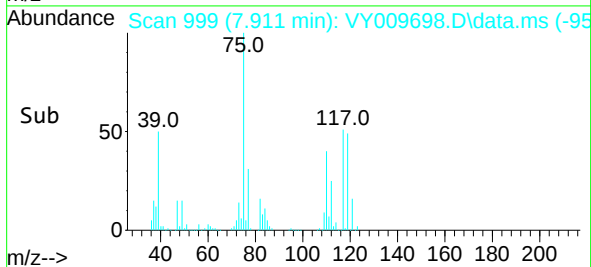
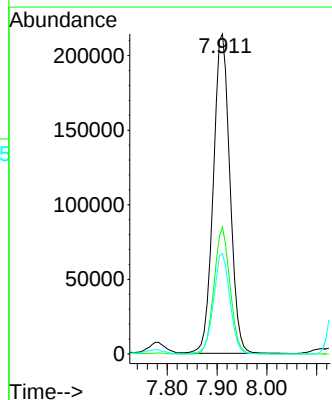
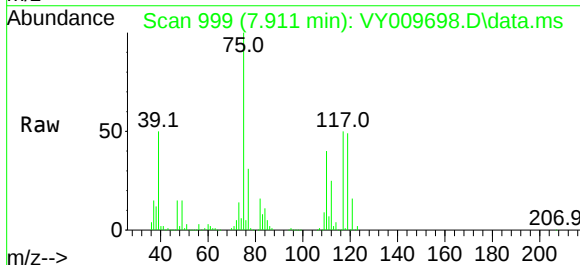
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

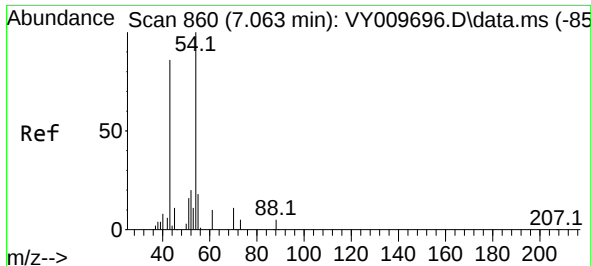
Tgt Ion:113 Resp: 276543
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 124.0
 192 21.4 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 148.280 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY009698.D
 Acq: 26 Jul 2022 13:39

Tgt Ion: 75 Resp: 495113
 Ion Ratio Lower Upper
 75 100
 110 38.1 17.1 51.2
 77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 152.553 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

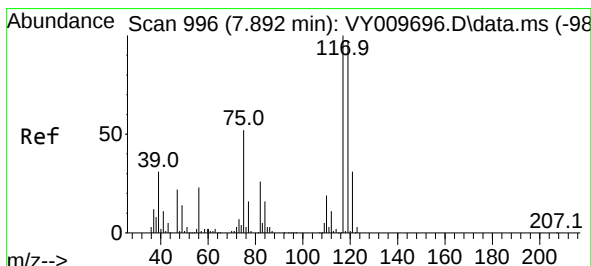
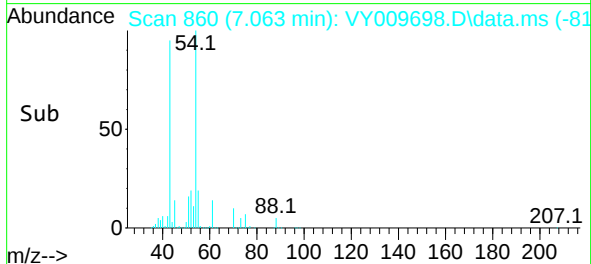
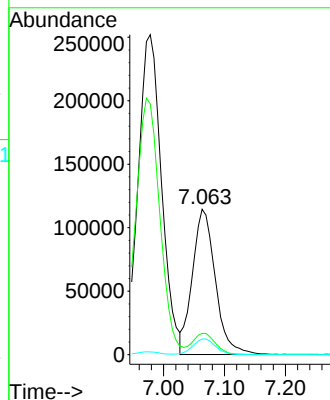
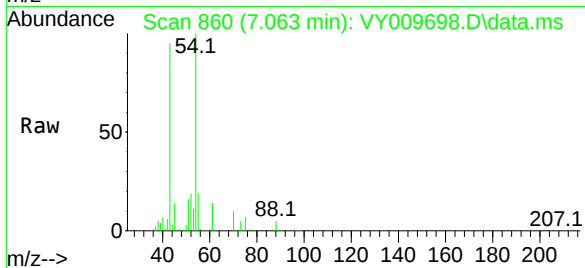
Tgt Ion: 43 Resp: 299558

Ion Ratio Lower Upper

43 100

61 14.8 9.7 14.5#

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 148.351 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

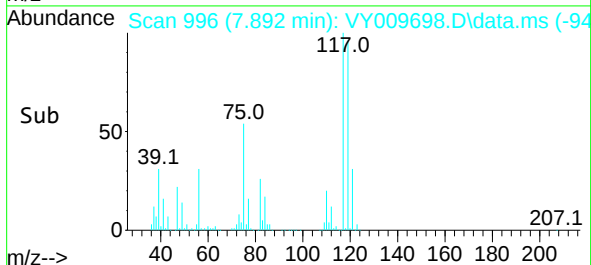
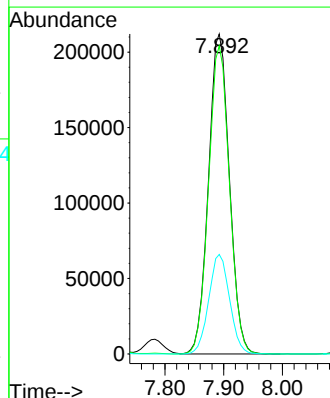
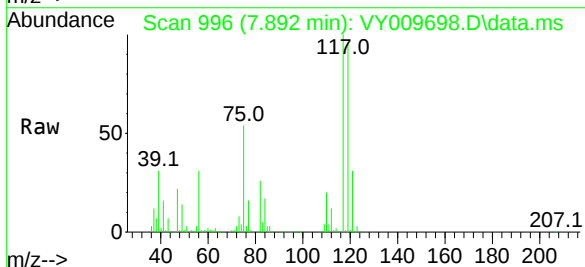
Tgt Ion: 117 Resp: 524584

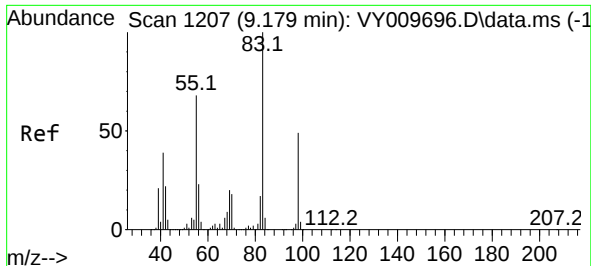
Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 156.959 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

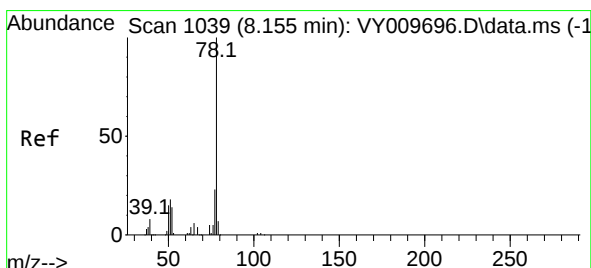
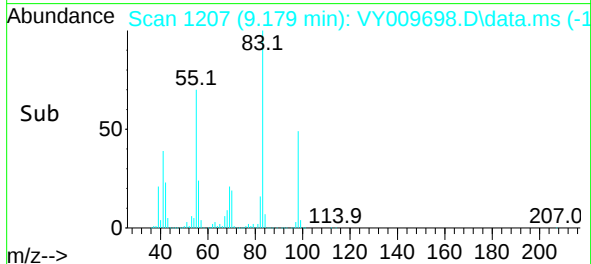
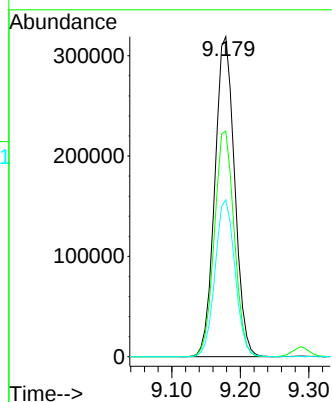
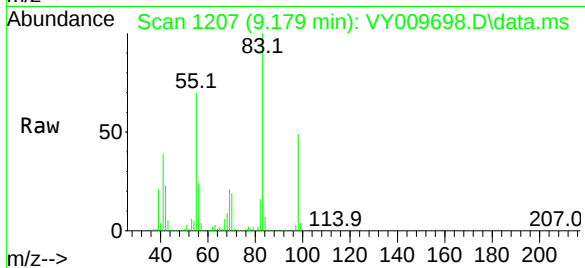
Tgt Ion: 83 Resp: 638401

Ion Ratio Lower Upper

83 100

55 70.5 66.5 99.7

98 49.0 37.9 56.9



#40

Benzene

Concen: 147.356 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009698.D

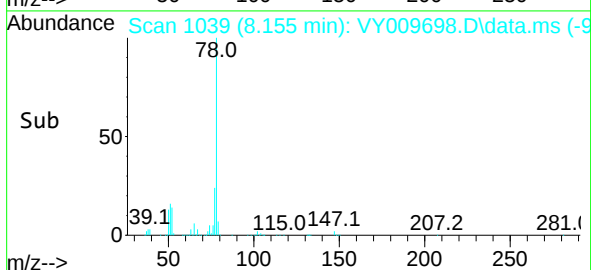
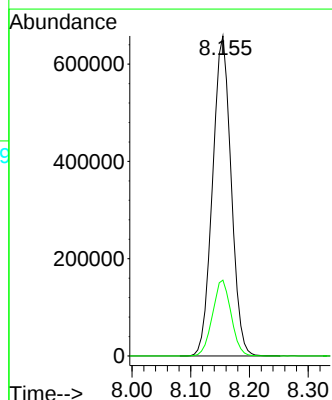
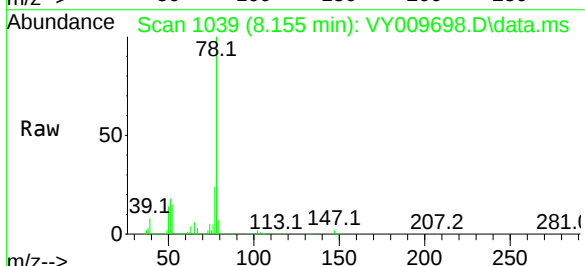
Acq: 26 Jul 2022 13:39

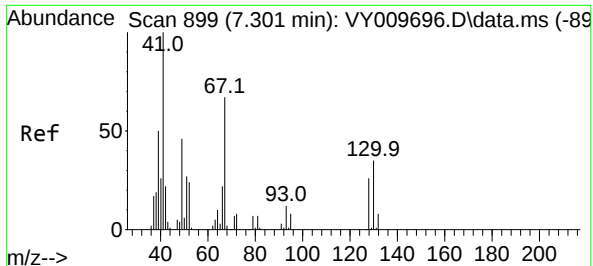
Tgt Ion: 78 Resp: 1442883

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

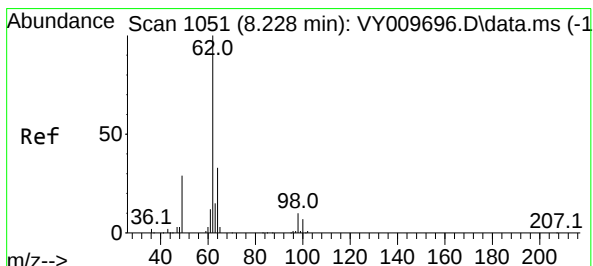
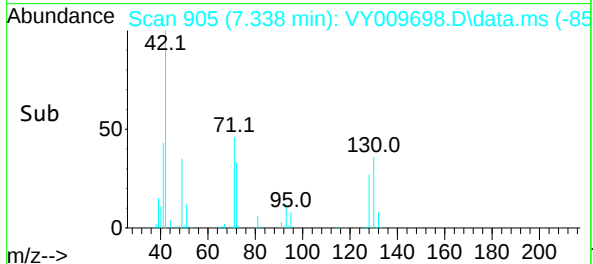
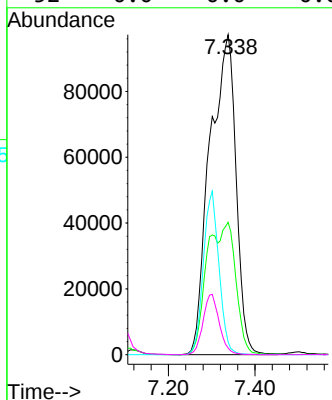
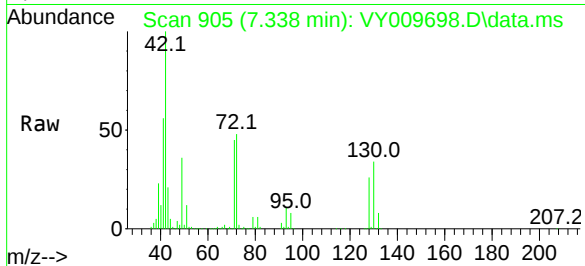




#41
Methacrylonitrile
Concen: 403.735 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

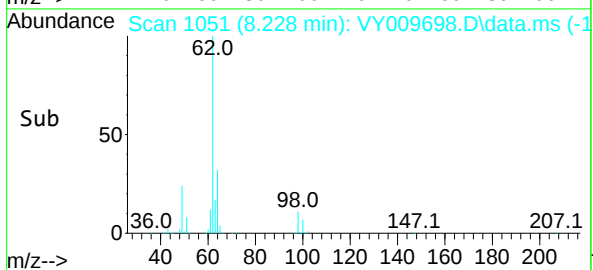
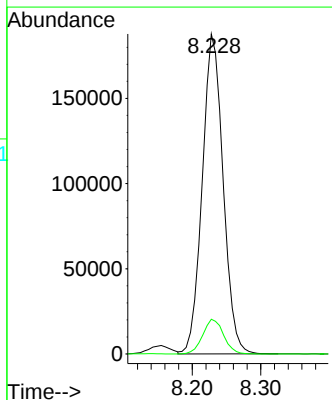
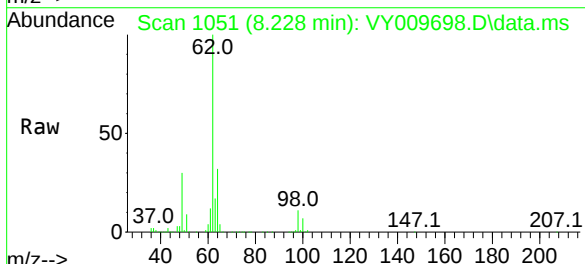
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

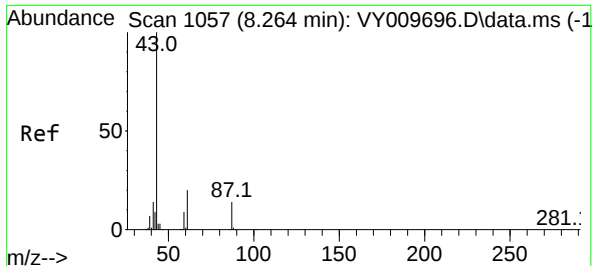
Tgt Ion: 41 Resp: 406923
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 145.990 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 62 Resp: 397962
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 158.335 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

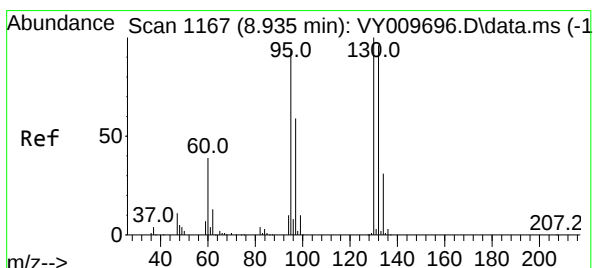
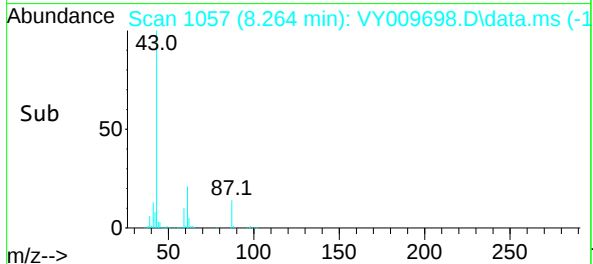
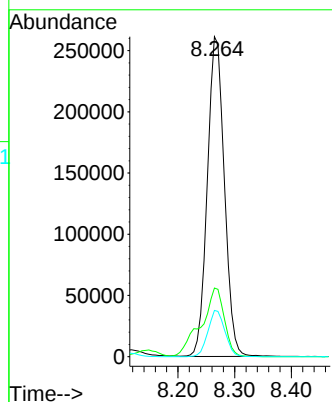
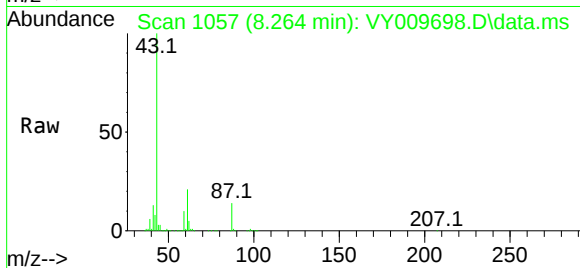
Tgt Ion: 43 Resp: 545508

Ion Ratio Lower Upper

43 100

61 29.3 20.2 30.2

87 14.4 8.9 13.3#



#44

Trichloroethene

Concen: 149.723 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY009698.D

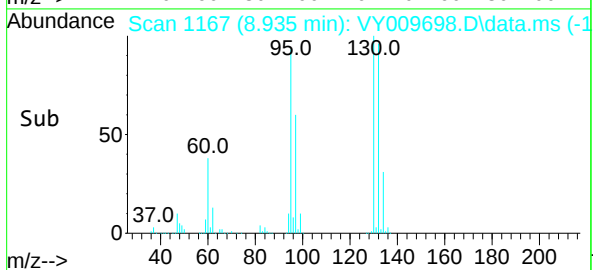
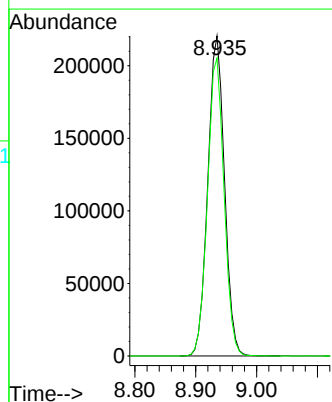
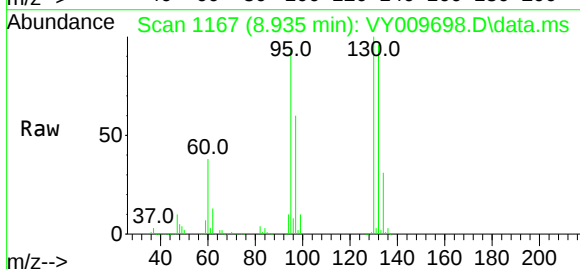
Acq: 26 Jul 2022 13:39

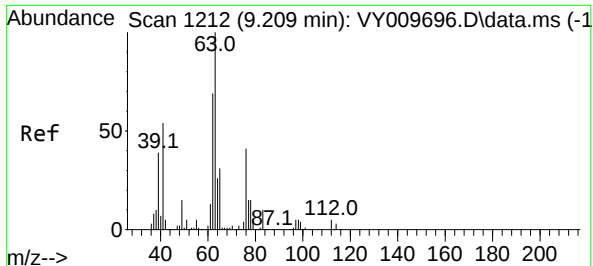
Tgt Ion:130 Resp: 419886

Ion Ratio Lower Upper

130 100

95 93.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 148.970 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

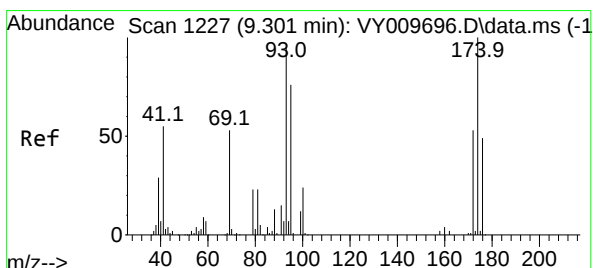
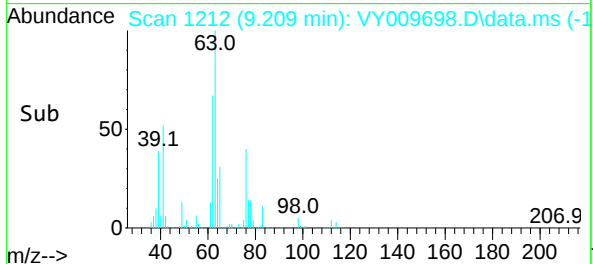
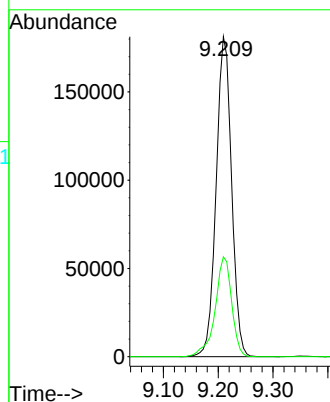
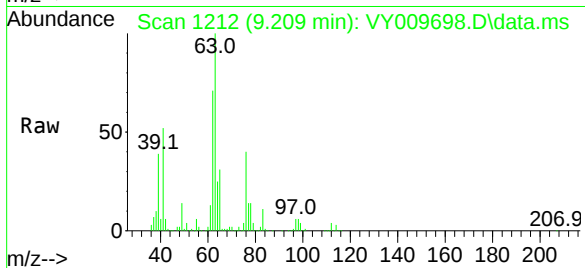
VSTDIC150

Tgt Ion: 63 Resp: 354871

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 151.178 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

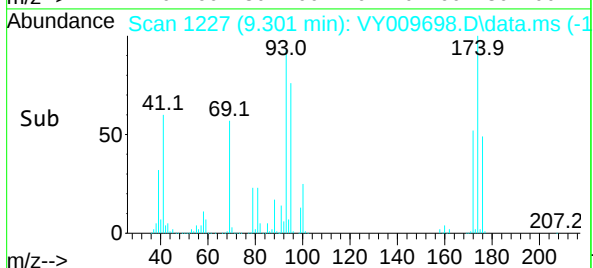
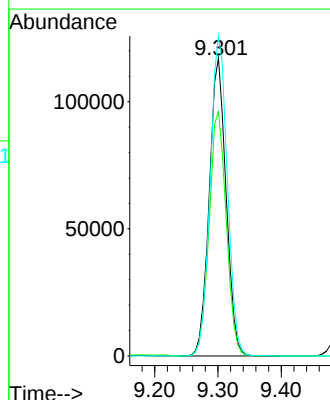
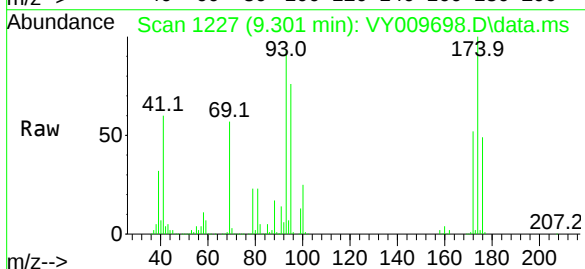
Tgt Ion: 93 Resp: 216689

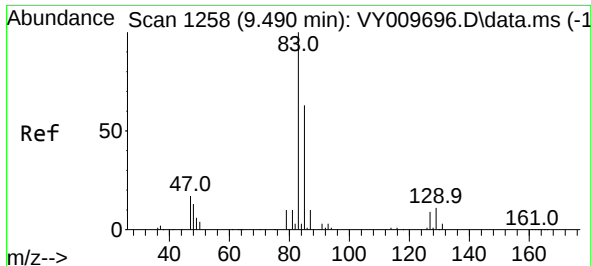
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 109.3 83.4 125.0

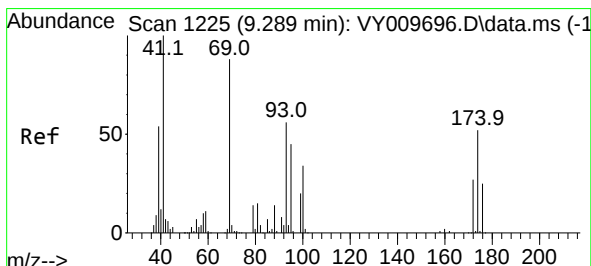
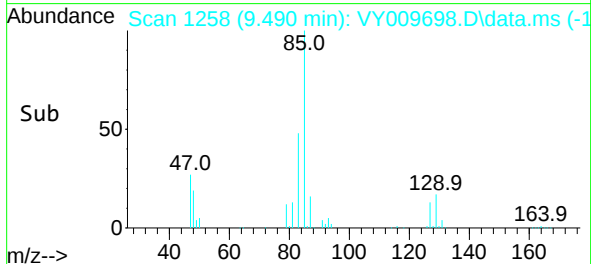
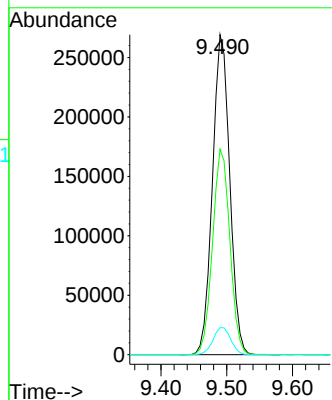
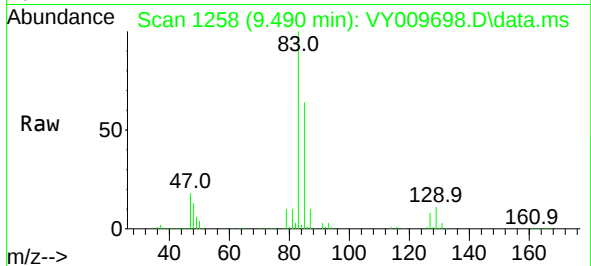




#47
Bromodichloromethane
Concen: 150.460 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

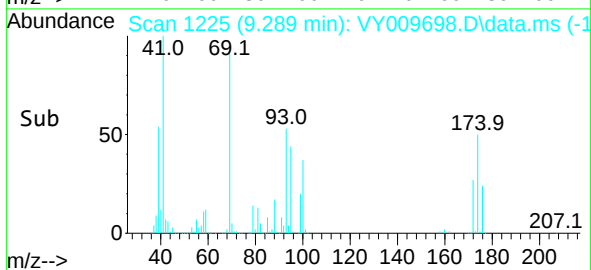
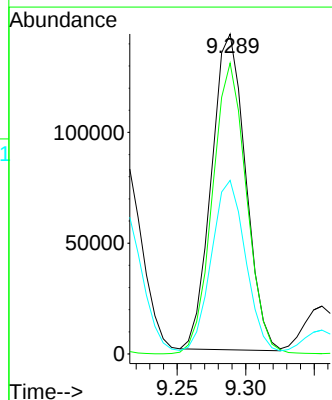
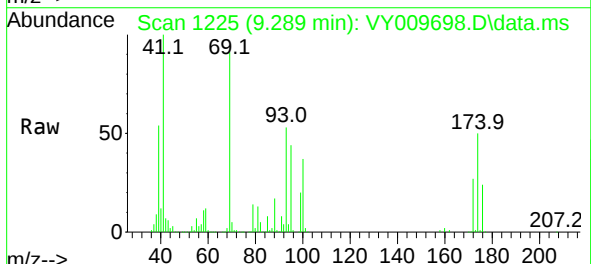
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

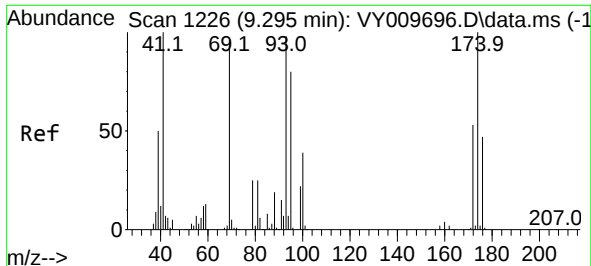
Tgt Ion: 83 Resp: 491819
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 163.351 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 41 Resp: 247425
Ion Ratio Lower Upper
41 100
69 91.8 58.2 87.2#
39 53.6 47.4 71.0





#49

1,4-Dioxane

Concen: 3554.018 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

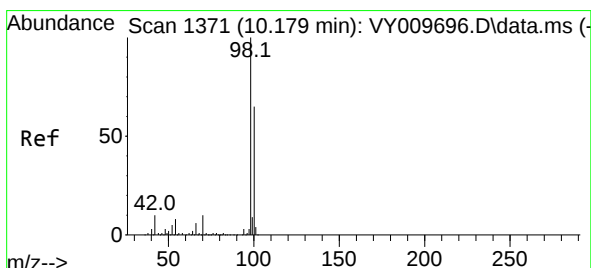
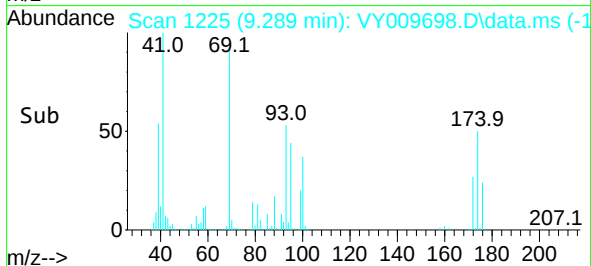
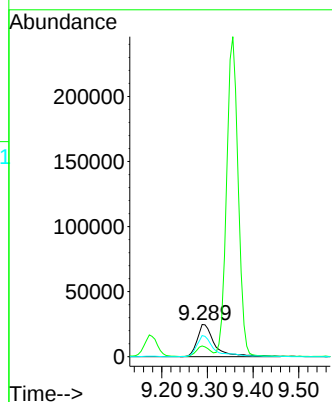
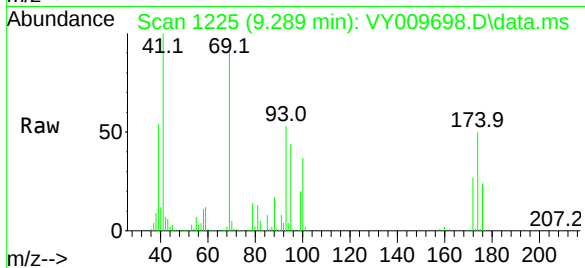
Tgt Ion: 88 Resp: 66207

Ion Ratio Lower Upper

88 100

43 24.8 32.8 49.2#

58 66.2 59.8 89.6



#50

Toluene-d8

Concen: 124.013 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009698.D

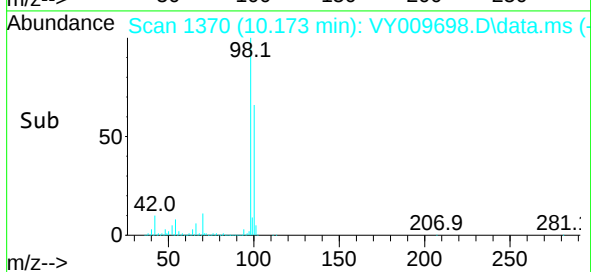
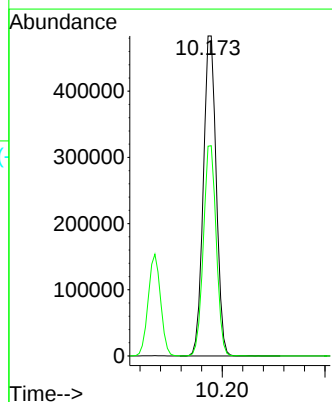
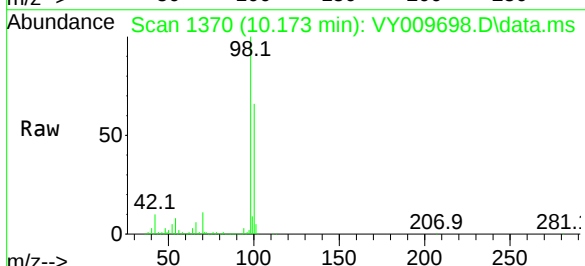
Acq: 26 Jul 2022 13:39

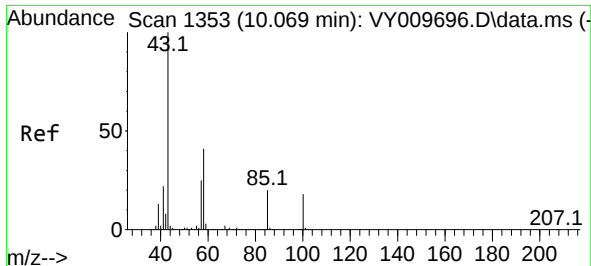
Tgt Ion: 98 Resp: 841319

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

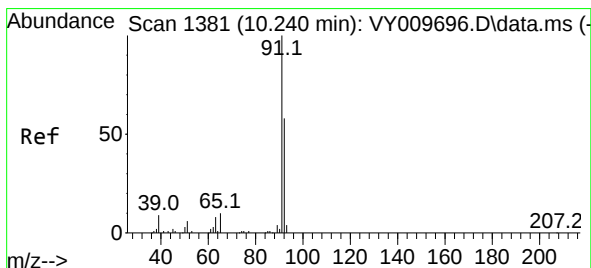
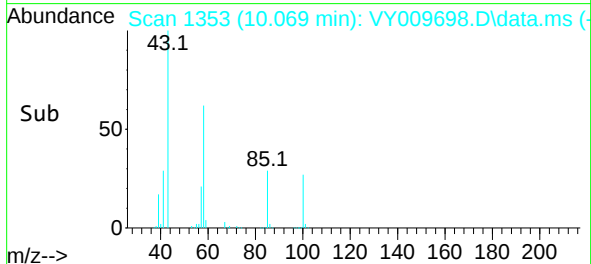
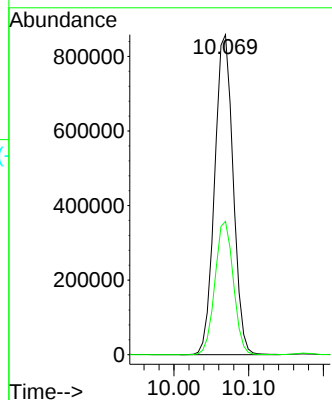
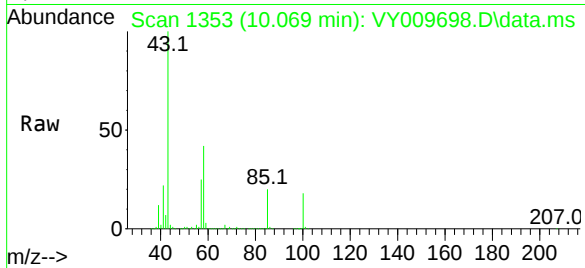




#51
4-Methyl-2-Pentanone
Concen: 838.549 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

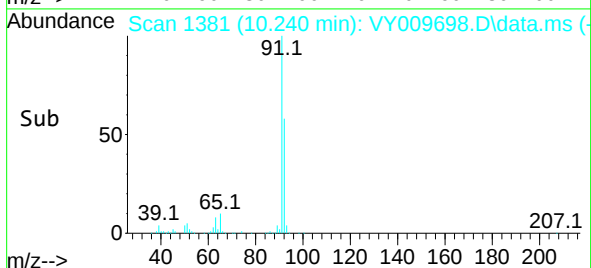
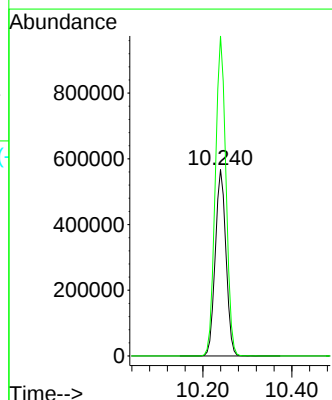
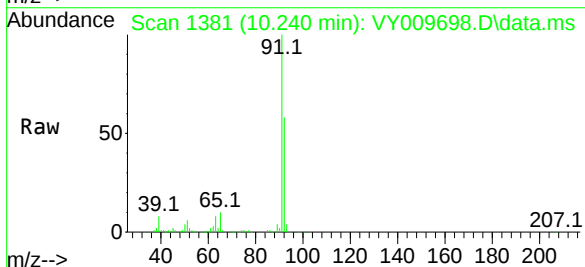
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1474602
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 154.423 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 92 Resp: 944126
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8

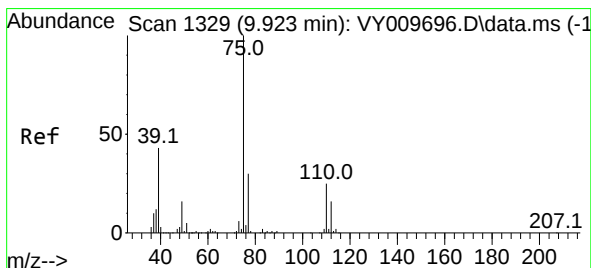
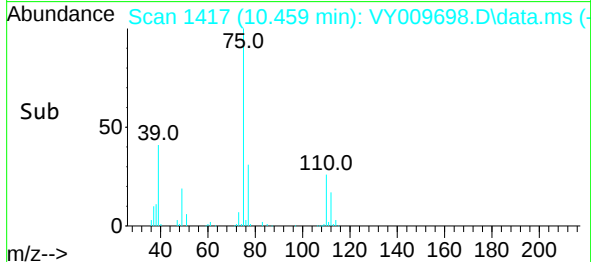
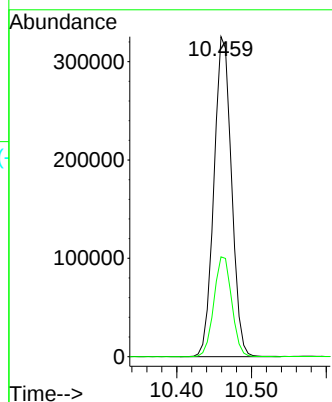
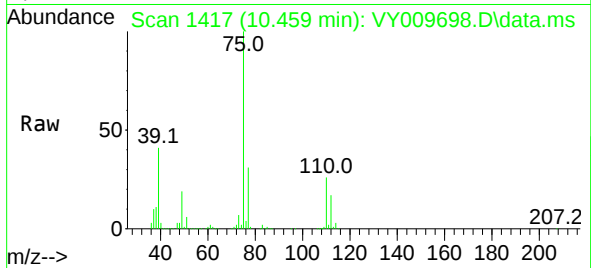




#53
t-1,3-Dichloropropene
Concen: 158.009 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

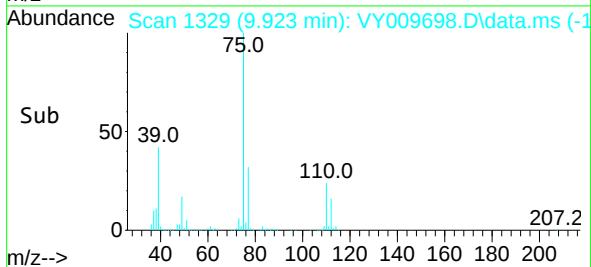
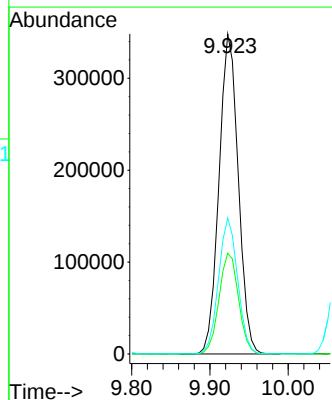
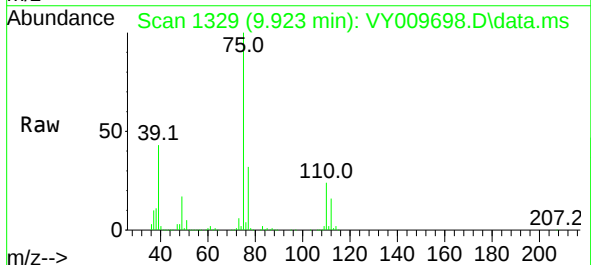
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

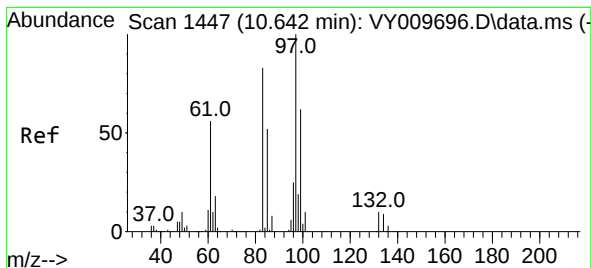
Tgt Ion: 75 Resp: 531052
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 153.844 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 75 Resp: 595560
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 42.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 151.118 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 302995

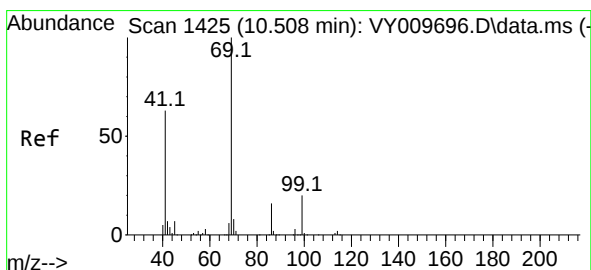
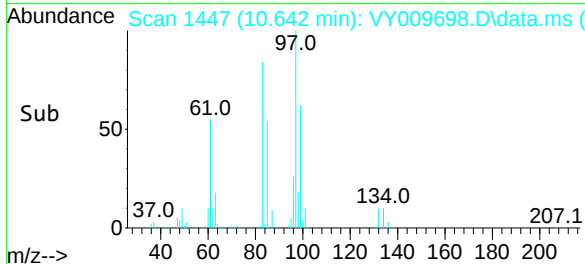
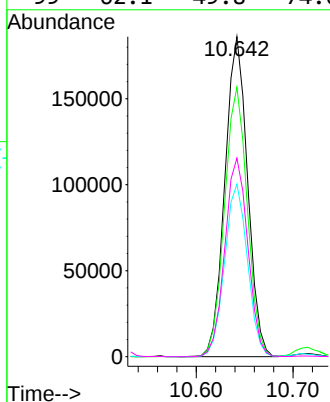
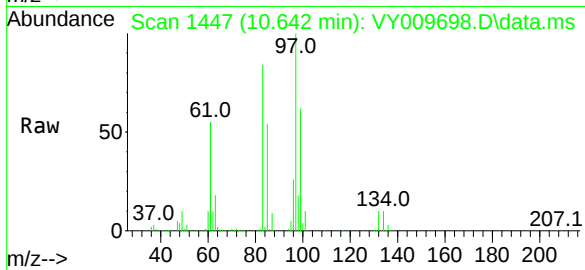
Ion Ratio Lower Upper

97 100

83 84.2 69.8 104.8

85 53.9 44.3 66.5

99 62.1 49.8 74.6



#56

Ethyl methacrylate

Concen: 175.202 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

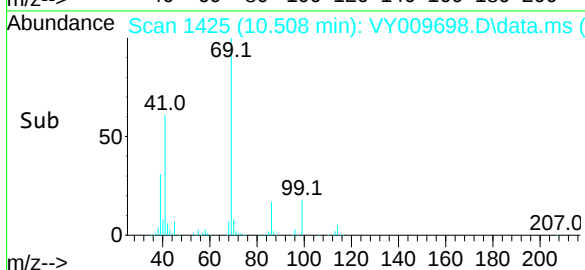
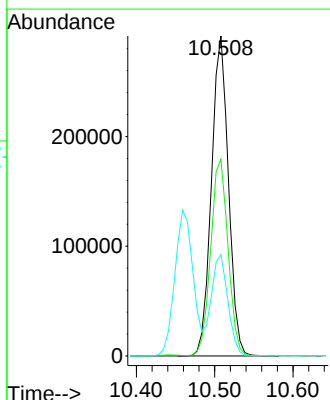
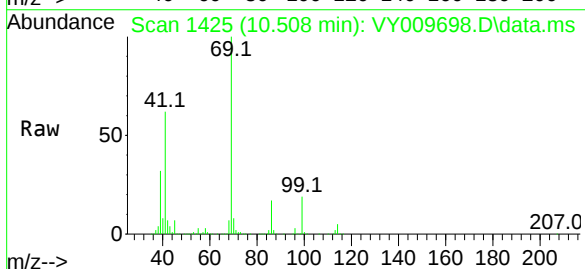
Tgt Ion: 69 Resp: 439377

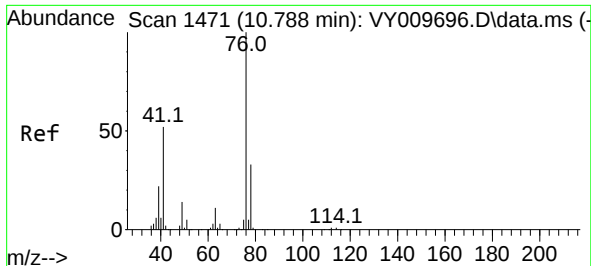
Ion Ratio Lower Upper

69 100

41 62.7 63.4 95.0#

39 31.5 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 152.047 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

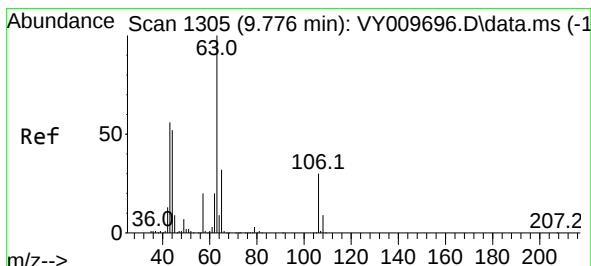
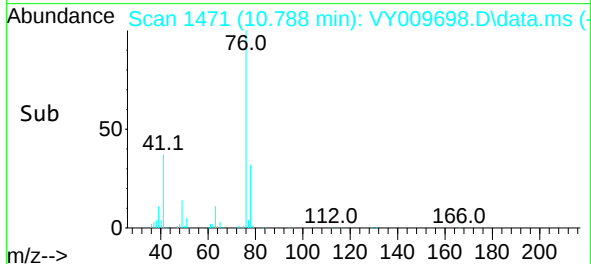
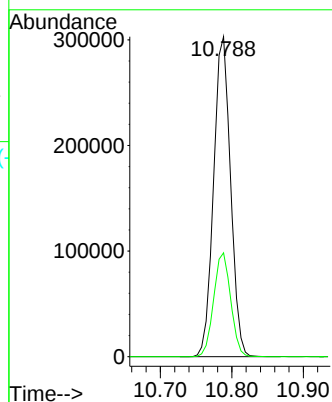
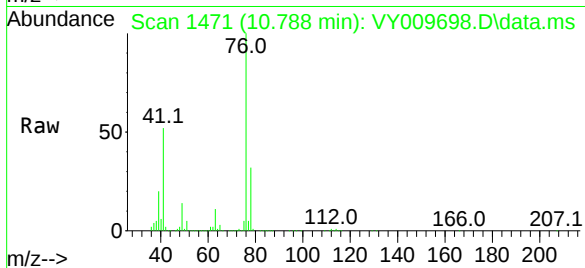
VSTDICC150

Tgt Ion: 76 Resp: 498551

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 937.347 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009698.D

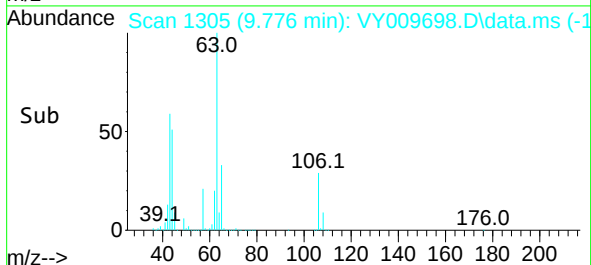
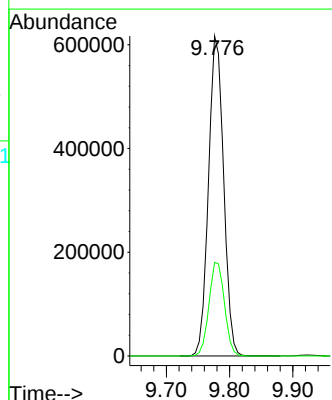
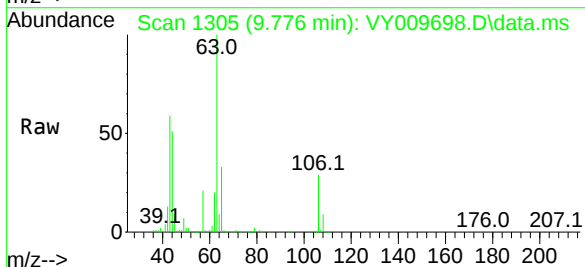
Acq: 26 Jul 2022 13:39

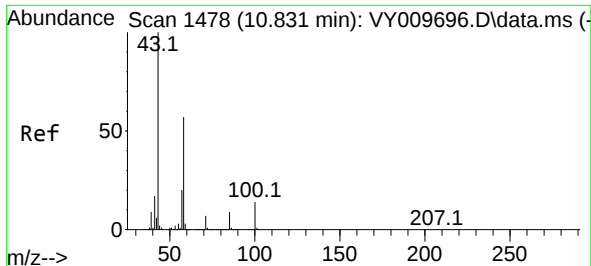
Tgt Ion: 63 Resp: 1024574

Ion Ratio Lower Upper

63 100

106 30.0 21.5 32.3

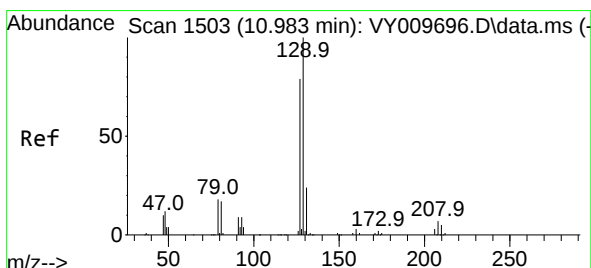
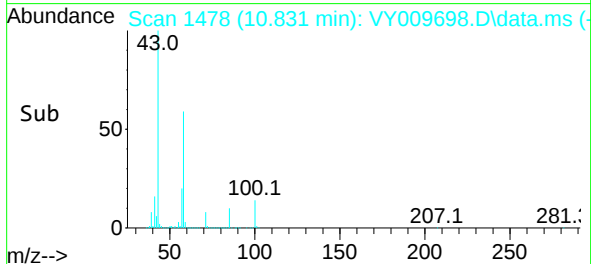
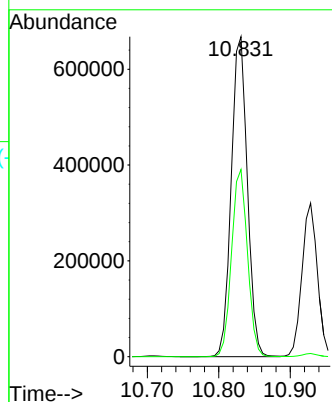
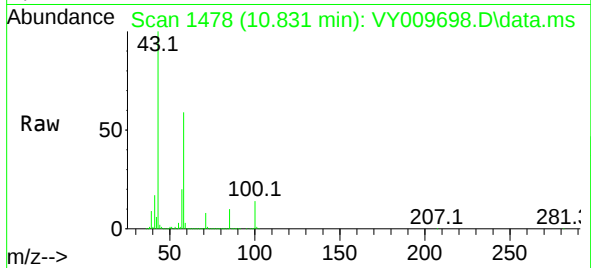




#59
2-Hexanone
Concen: 834.443 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

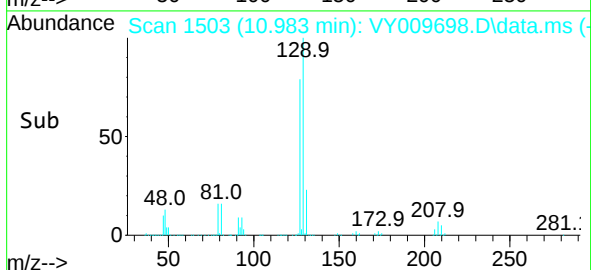
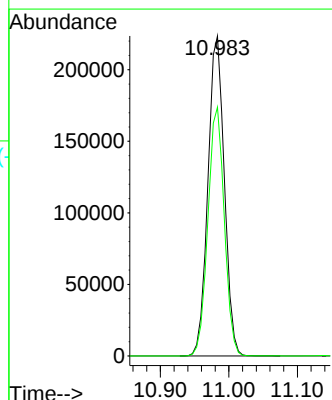
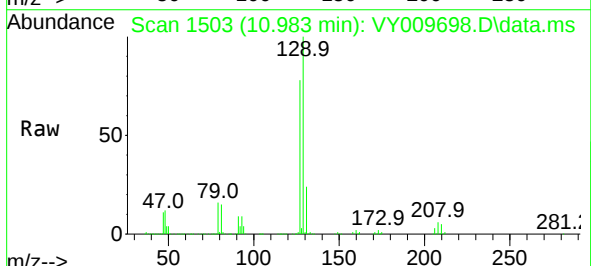
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

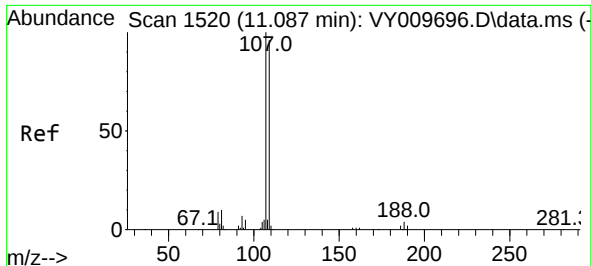
Tgt Ion: 43 Resp: 1043541
Ion Ratio Lower Upper
43 100
58 57.9 24.4 73.4



#60
Dibromochloromethane
Concen: 153.667 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 129 Resp: 372218
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

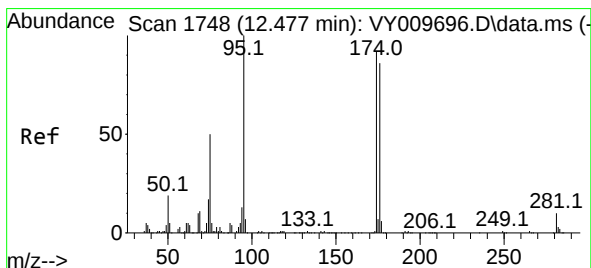
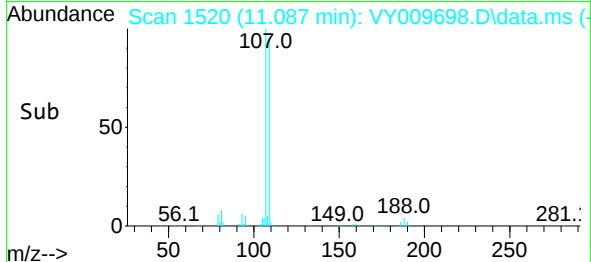
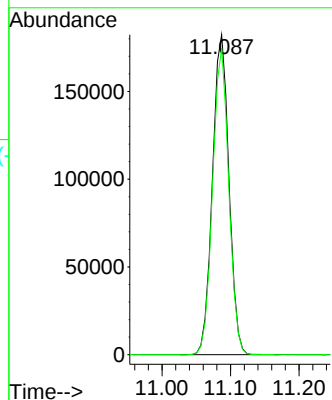
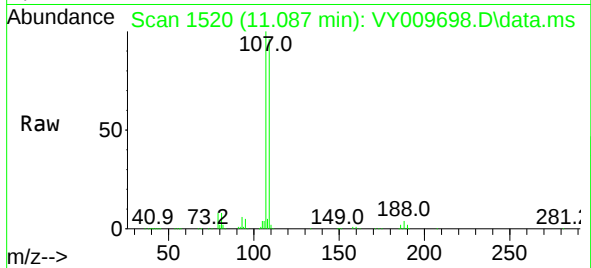




#61
1,2-Dibromoethane
Concen: 156.092 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

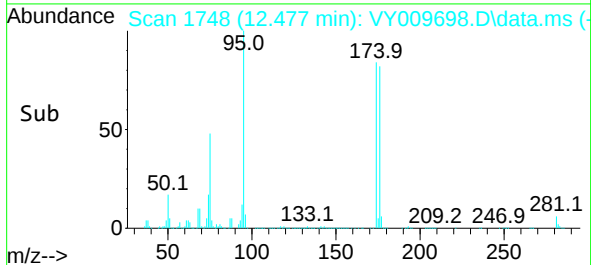
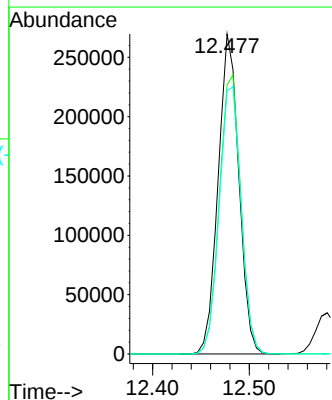
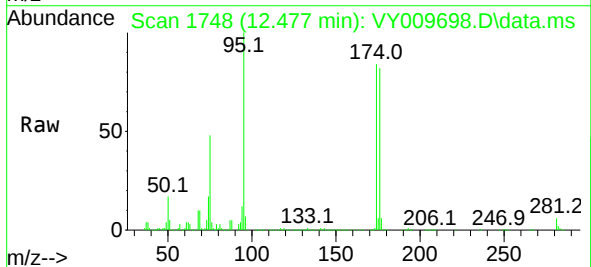
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

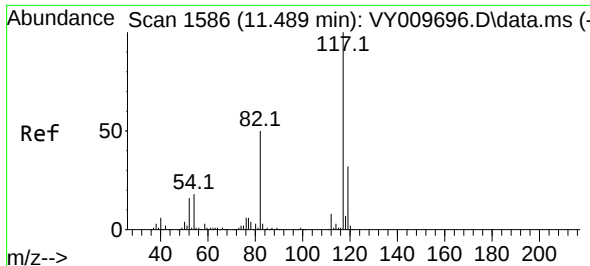
Tgt Ion:107 Resp: 304725
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 147.998 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 95 Resp: 400063
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 88.0 0.0 175.8

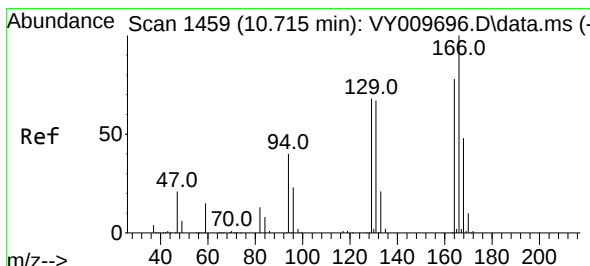
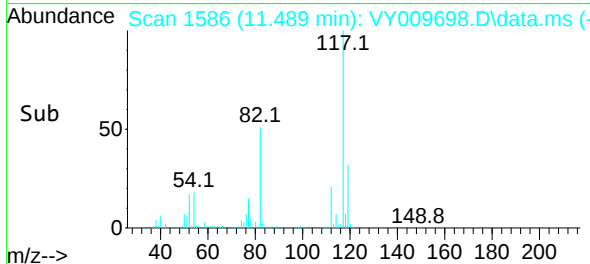
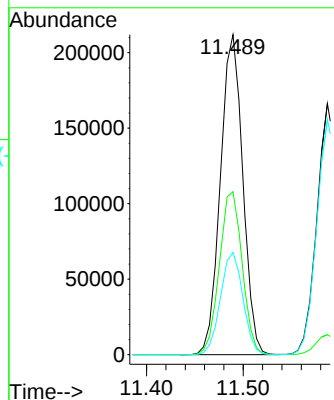
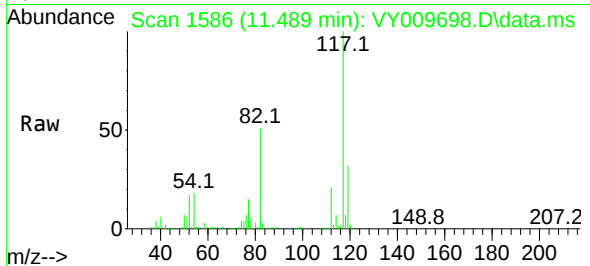




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

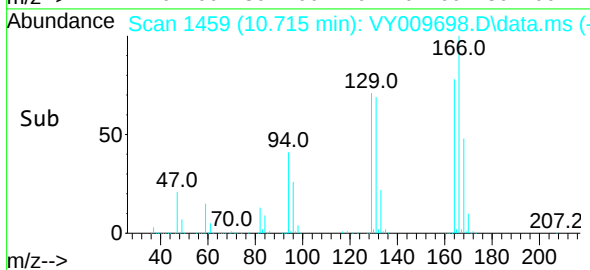
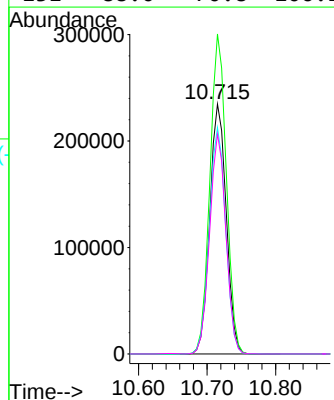
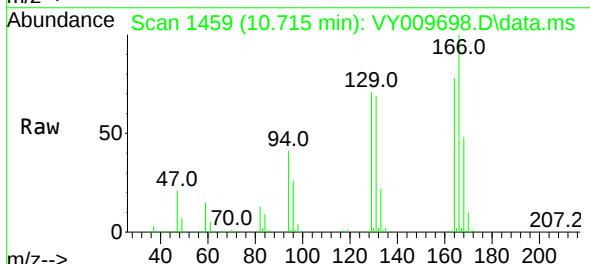
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

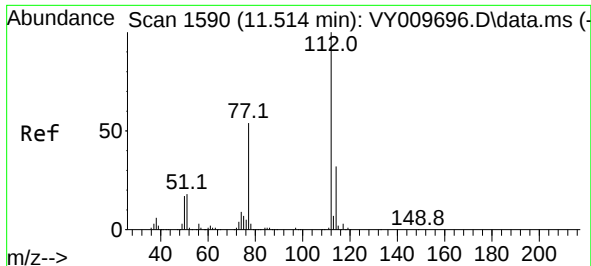
Tgt Ion:117 Resp: 340013
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 147.263 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:164 Resp: 392992
Ion Ratio Lower Upper
164 100
166 128.0 100.4 150.6
129 90.6 71.4 107.0
131 88.0 70.8 106.2

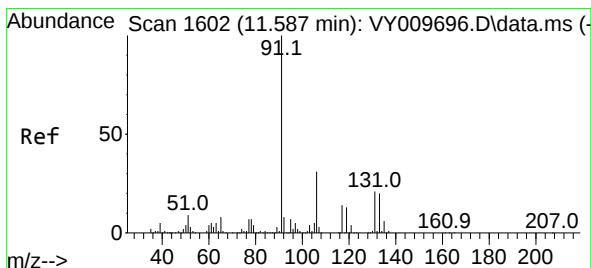
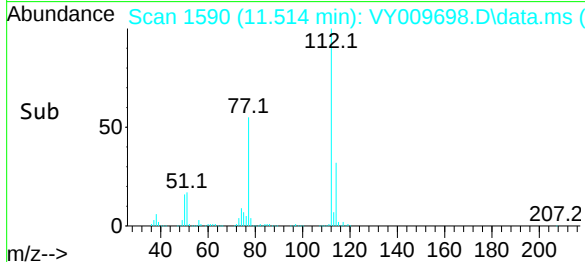
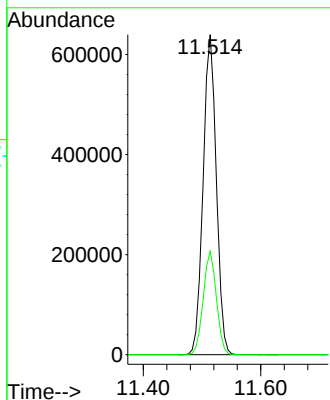
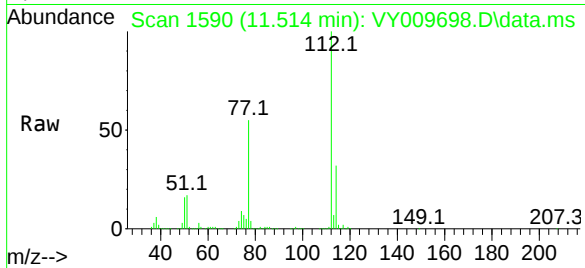




#65
Chlorobenzene
Concen: 146.186 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

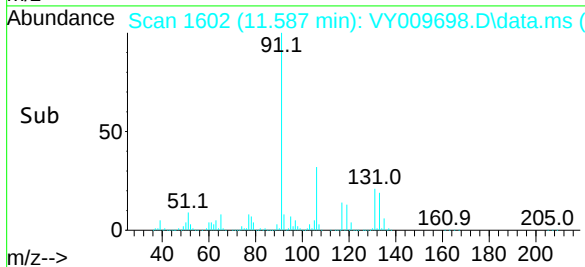
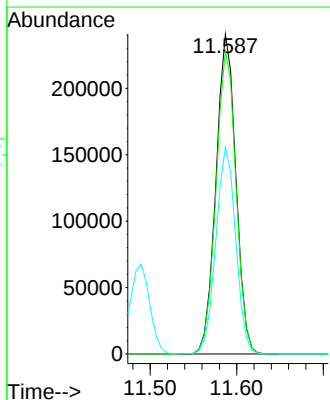
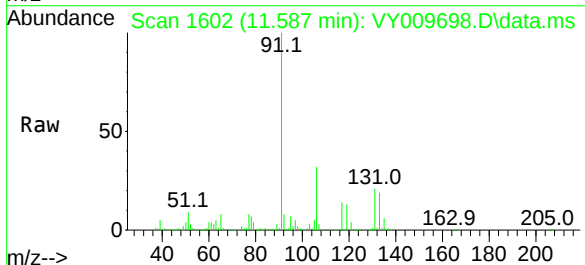
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

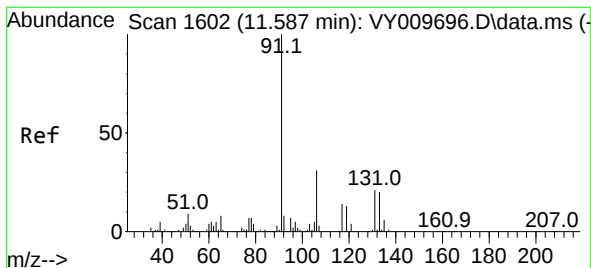
Tgt Ion:112 Resp: 995932
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 151.510 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:131 Resp: 383620
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 64.6 30.8 92.3





#67

Ethyl Benzene

Concen: 154.152 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

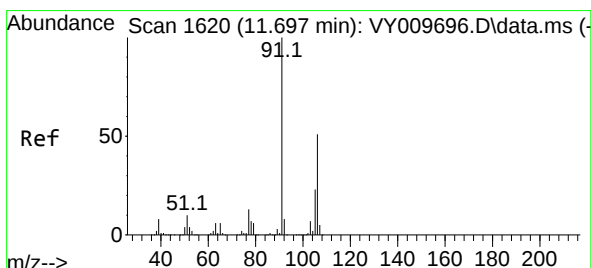
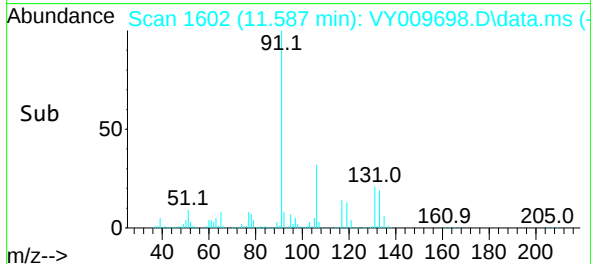
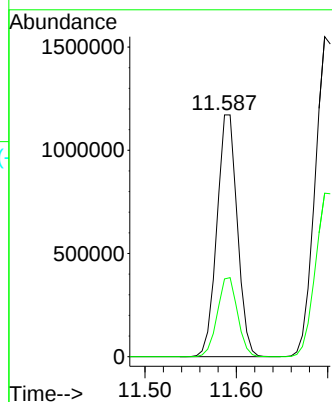
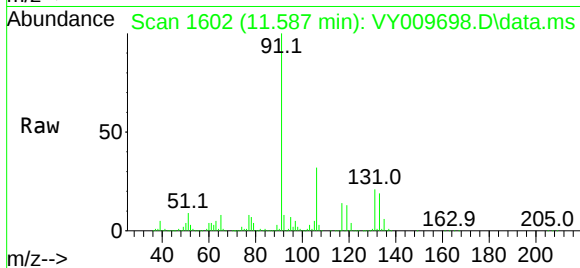
VSTDIC150

Tgt Ion: 91 Resp: 1817501

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 304.903 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009698.D

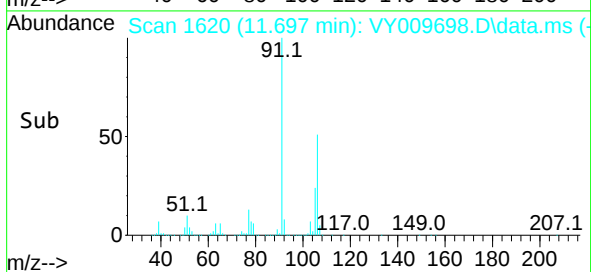
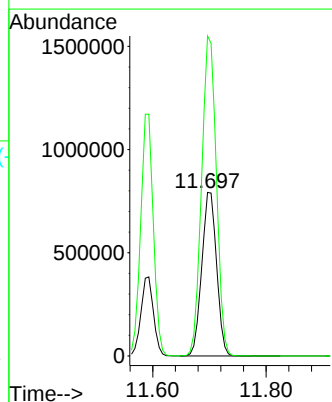
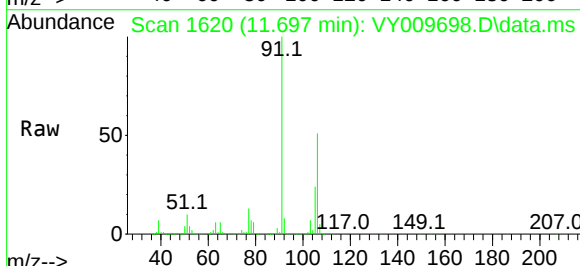
Acq: 26 Jul 2022 13:39

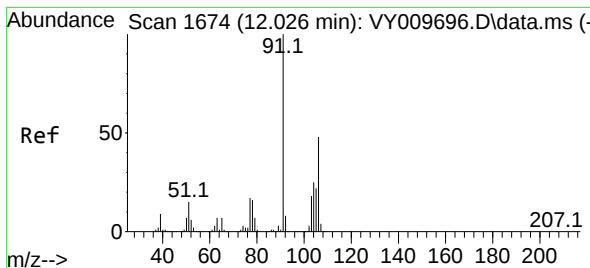
Tgt Ion:106 Resp: 1436540

Ion Ratio Lower Upper

106 100

91 195.2 166.6 249.8

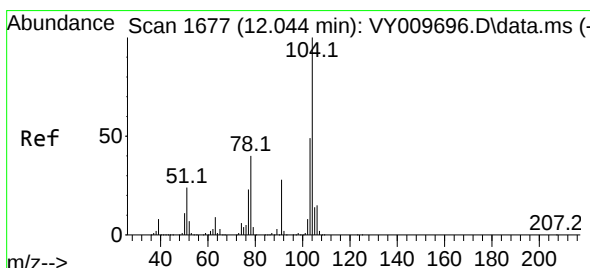
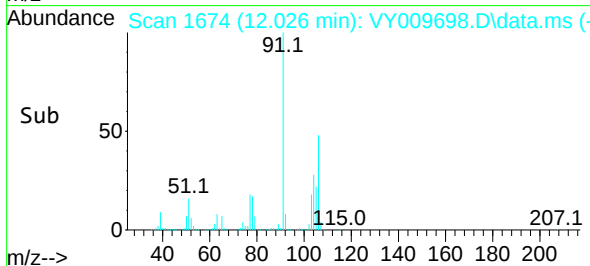
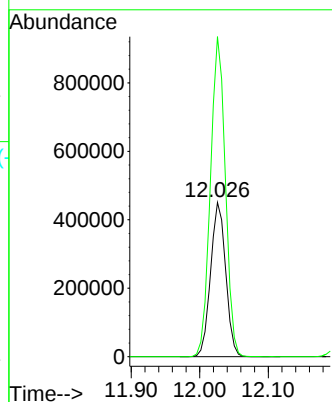
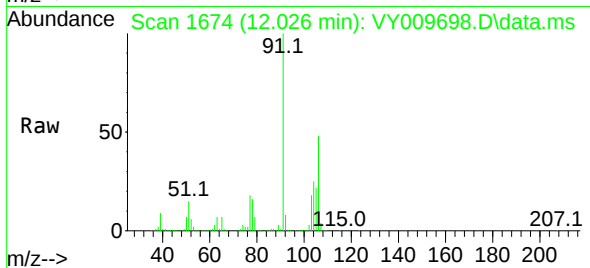




#69
o-Xylene
Concen: 155.989 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

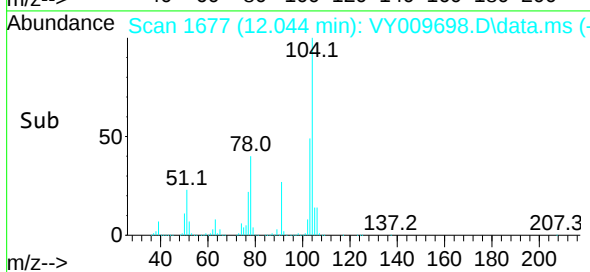
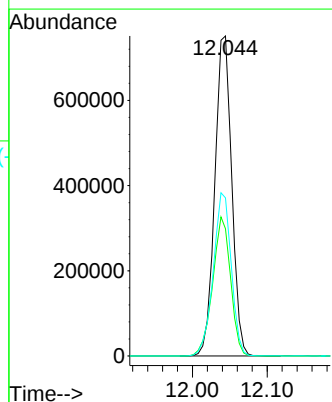
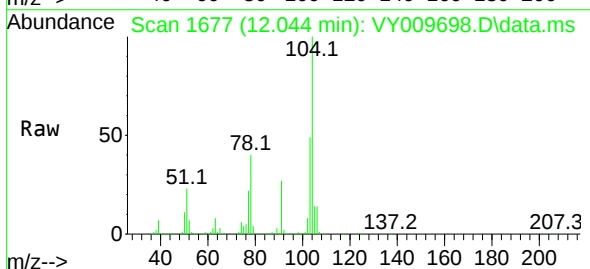
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

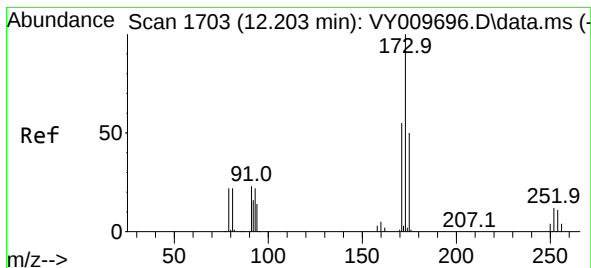
Tgt Ion:106 Resp: 689872
Ion Ratio Lower Upper
106 100
91 205.4 110.3 331.0



#70
Styrene
Concen: 158.723 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:104 Resp: 1179078
Ion Ratio Lower Upper
104 100
78 46.0 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 158.208 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

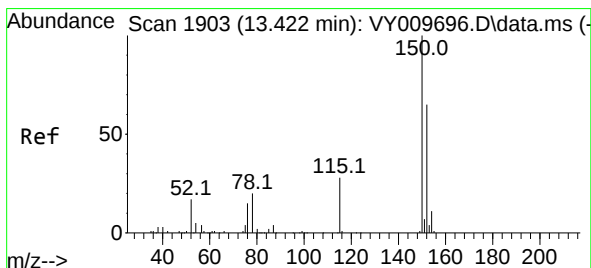
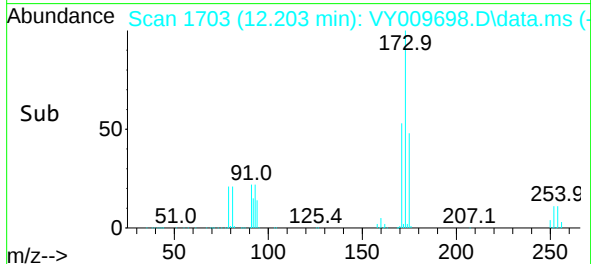
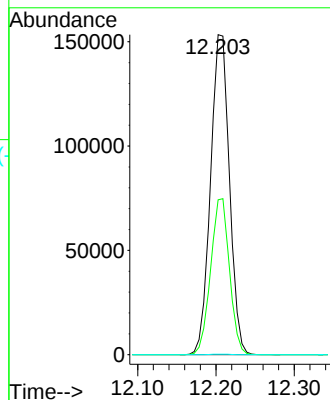
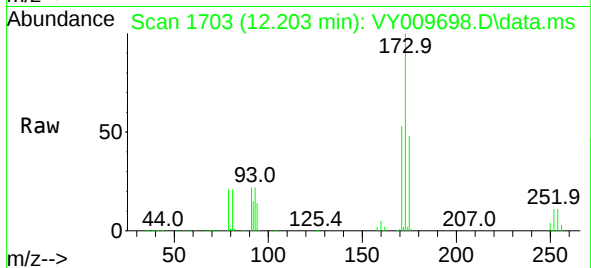
Tgt Ion:173 Resp: 256900

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

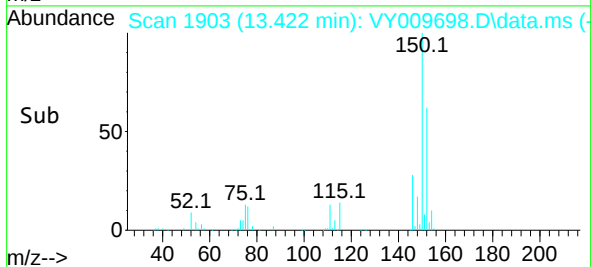
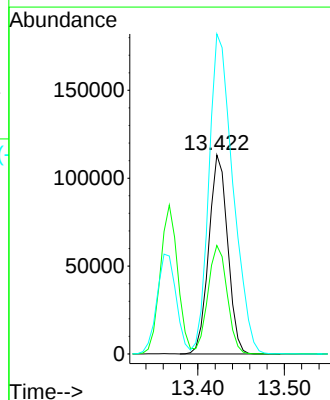
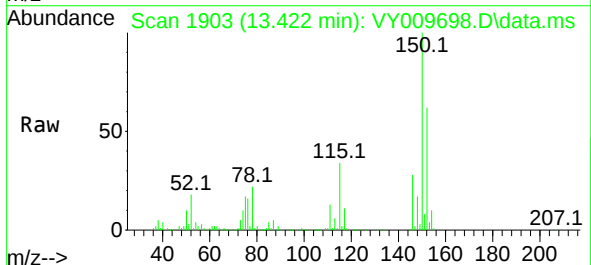
Tgt Ion:152 Resp: 171340

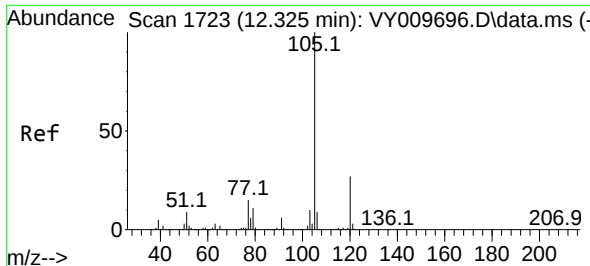
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 205.2 0.0 347.6

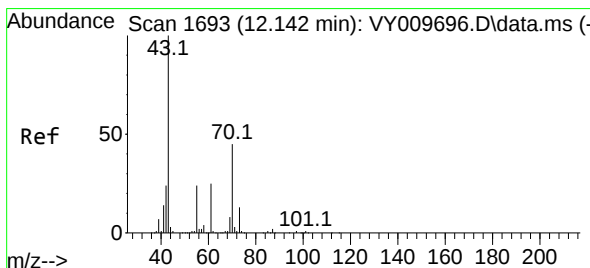
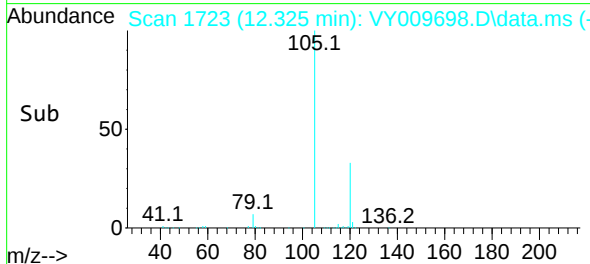
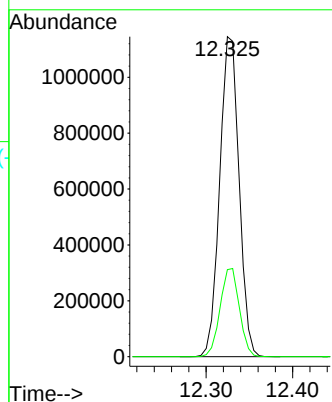
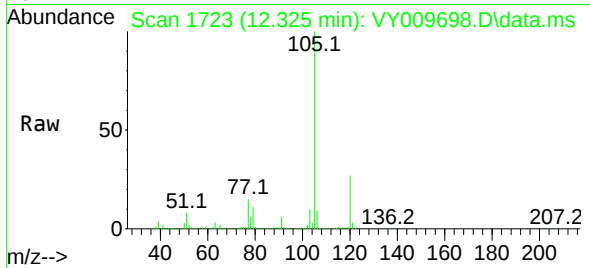




#73
Isopropylbenzene
Concen: 154.018 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

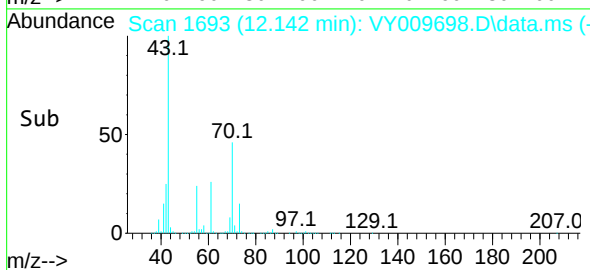
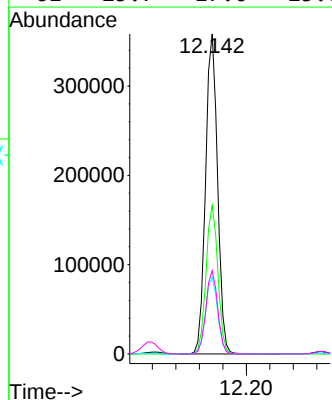
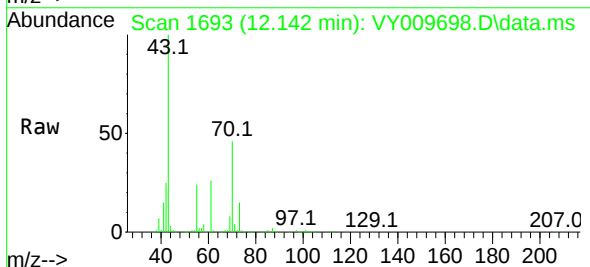
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

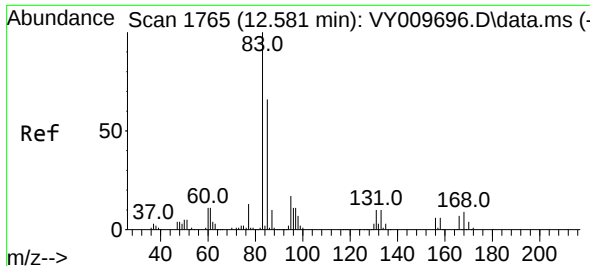
Tgt Ion:105 Resp: 1777007
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 165.672 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 43 Resp: 507333
Ion Ratio Lower Upper
43 100
70 46.0 28.7 43.1#
55 24.2 17.3 25.9
61 25.7 17.0 25.6#

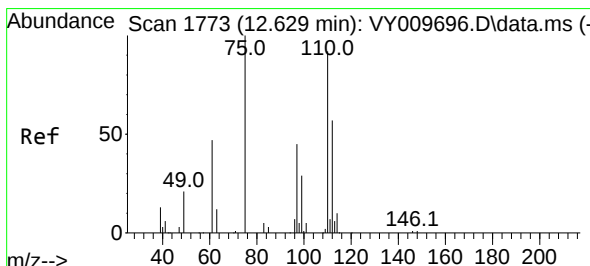
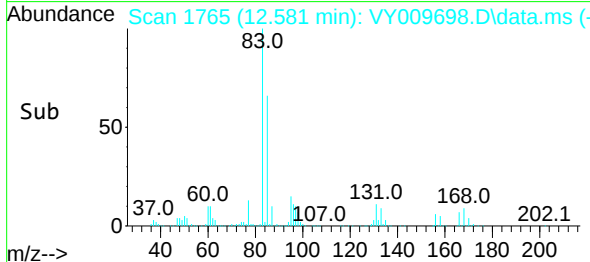
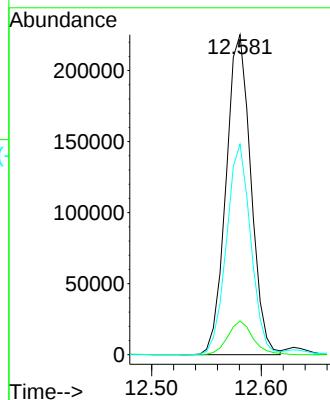
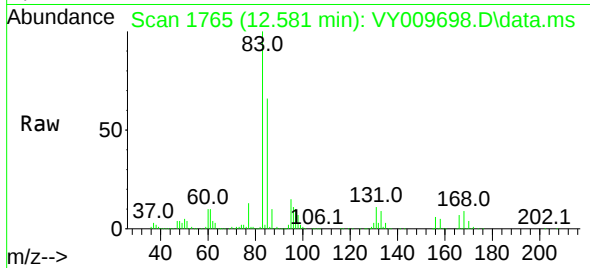




#75
 1,1,2,2-Tetrachloroethane
 Concen: 153.743 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009698.D
 Acq: 26 Jul 2022 13:39

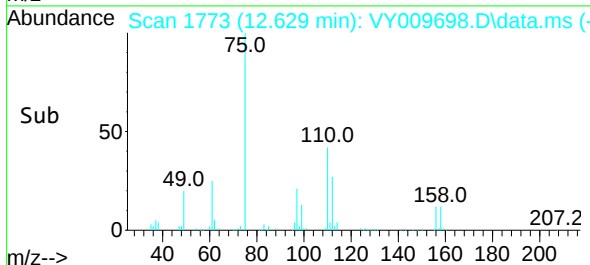
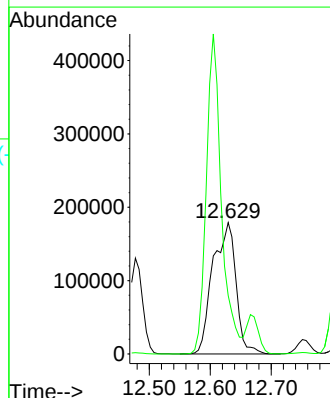
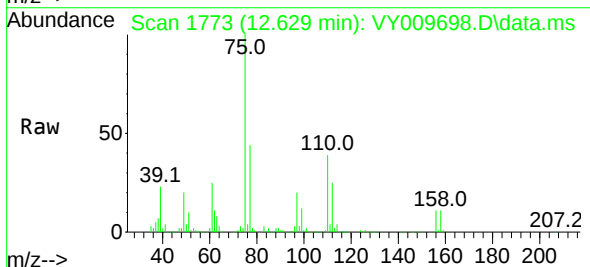
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

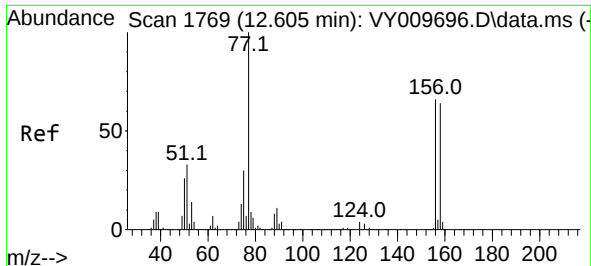
Tgt Ion: 83 Resp: 354419
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.6 16.8
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 283.587 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009698.D
 Acq: 26 Jul 2022 13:39

Tgt Ion: 75 Resp: 472347
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

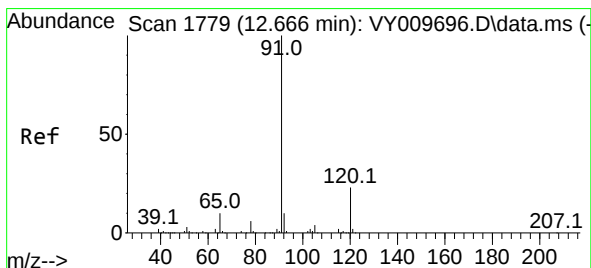
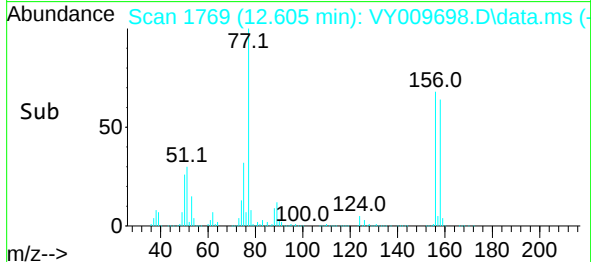
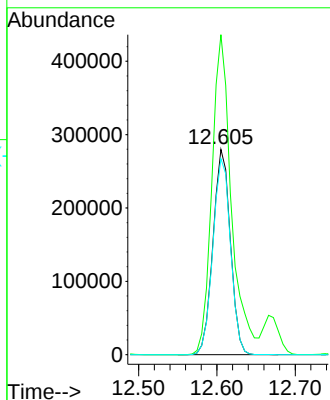
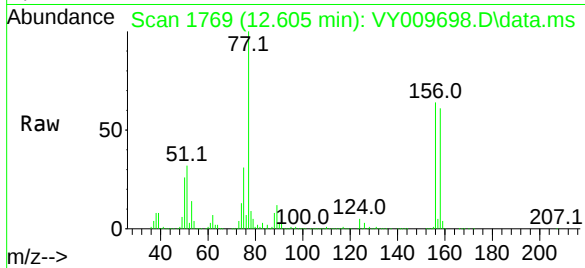




#77
Bromobenzene
Concen: 149.870 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

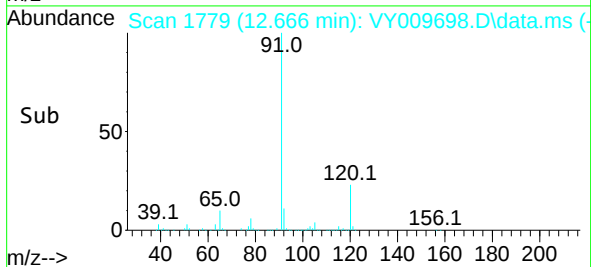
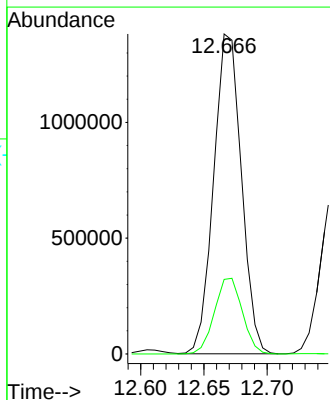
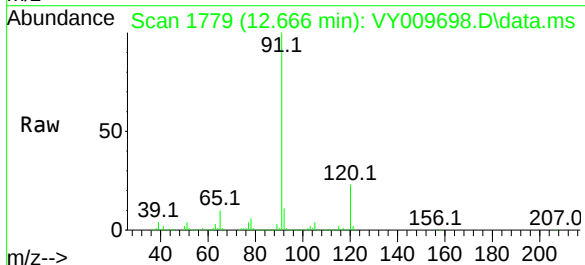
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

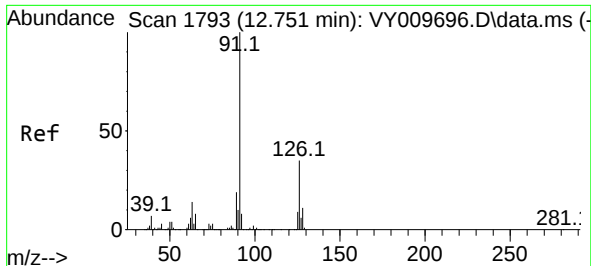
Tgt Ion:156 Resp: 432266
Ion Ratio Lower Upper
156 100
77 175.5 95.5 286.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 152.978 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 91 Resp: 2102763
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.9

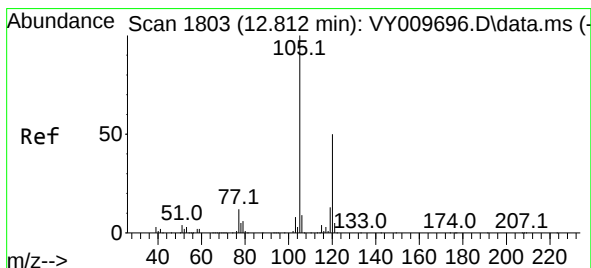
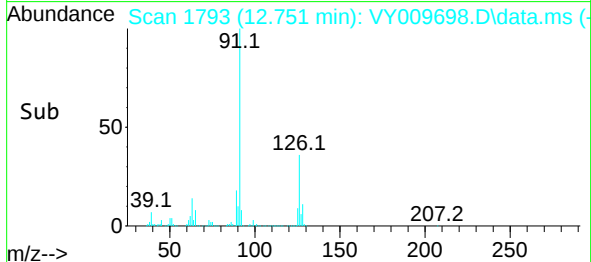
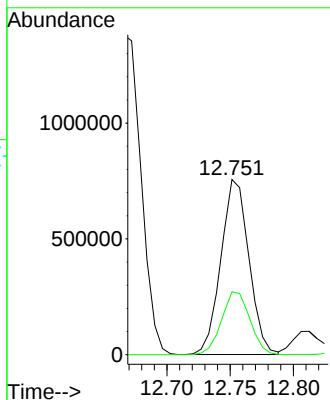
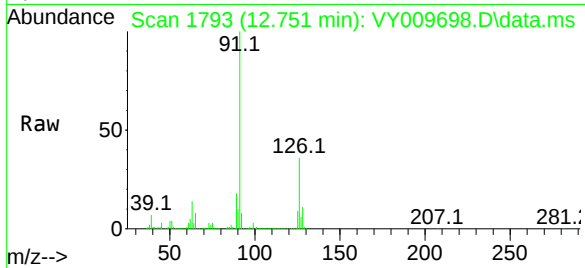




#79
2-Chlorotoluene
Concen: 150.557 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

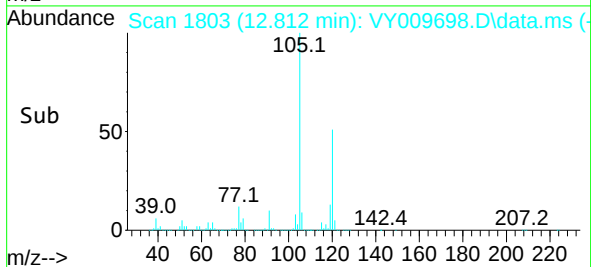
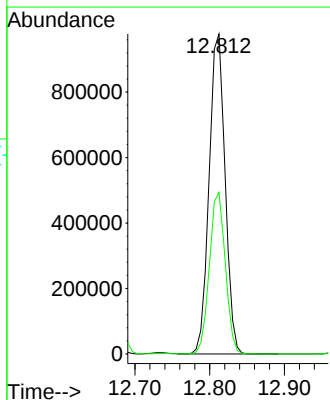
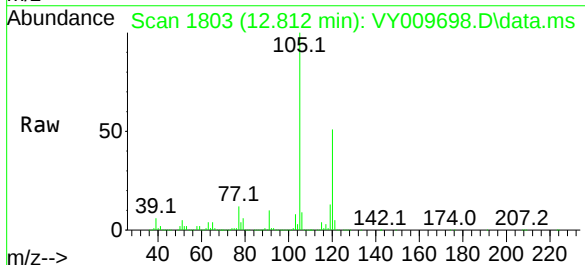
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

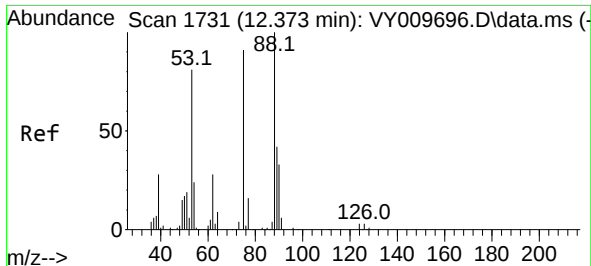
Tgt Ion: 91 Resp: 1165618
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 152.131 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 105 Resp: 1451836
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4

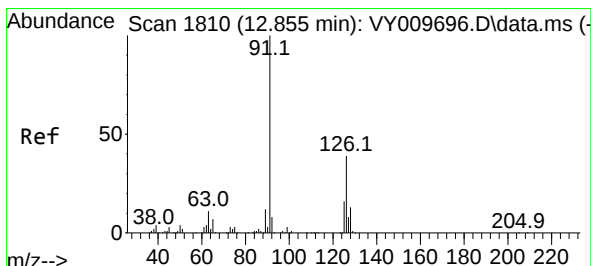
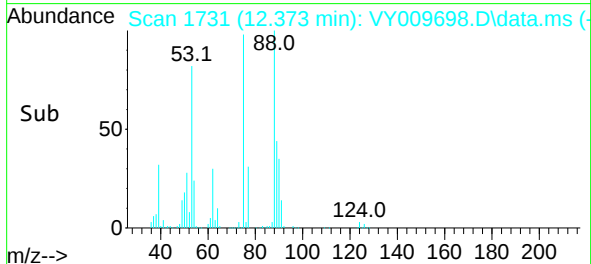
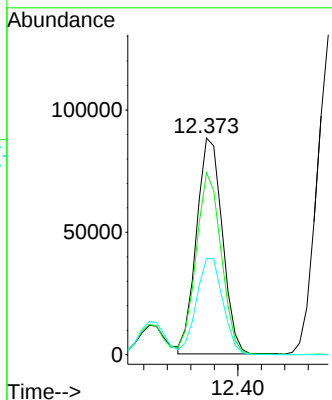
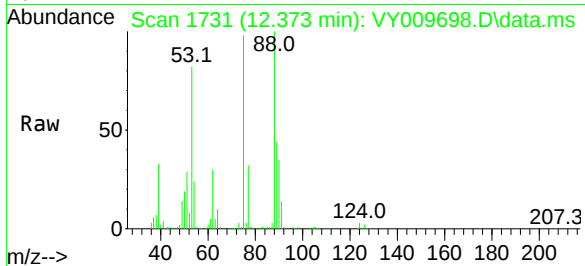




#81
trans-1,4-Dichloro-2-butene
Concen: 164.701 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

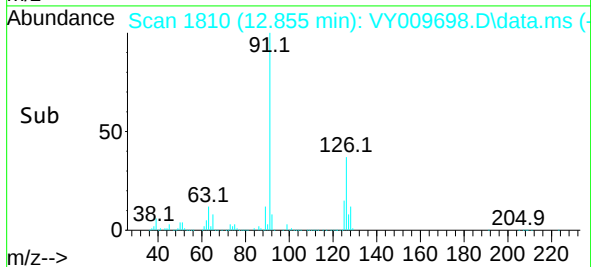
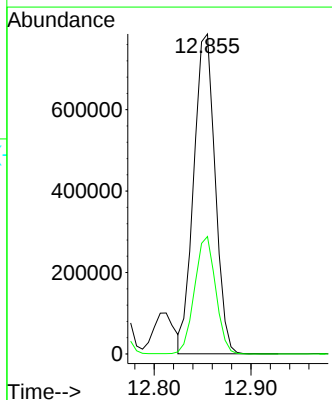
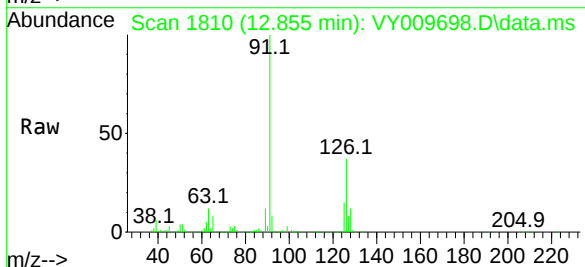
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

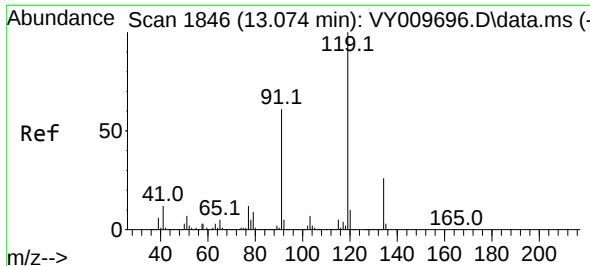
Tgt Ion: 75 Resp: 134867
Ion Ratio Lower Upper
75 100
53 83.0 85.3 127.9#
89 45.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 148.903 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 91 Resp: 1207628
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0

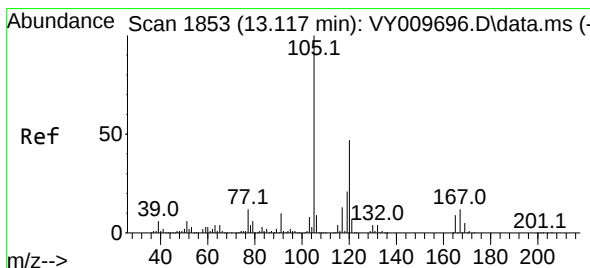
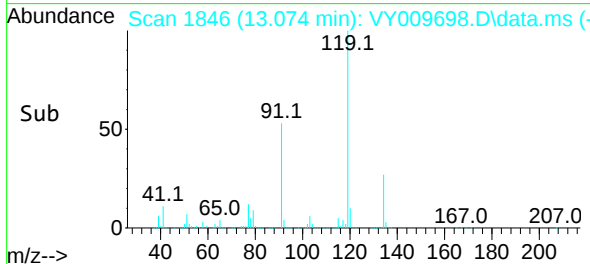
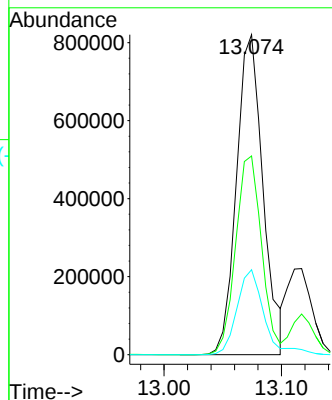
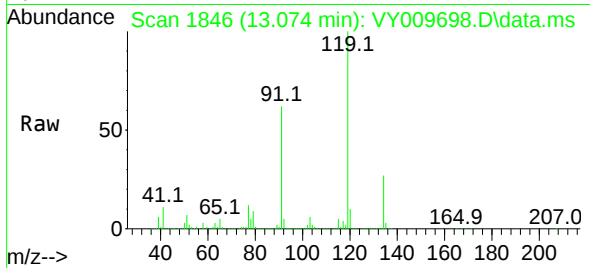




#83
tert-Butylbenzene
Concen: 153.507 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

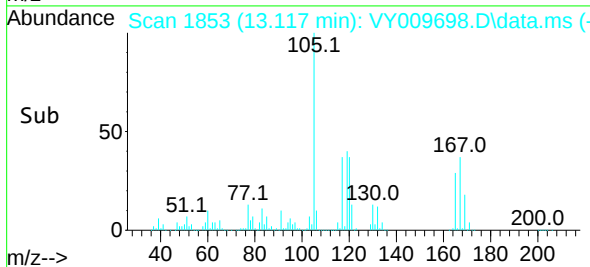
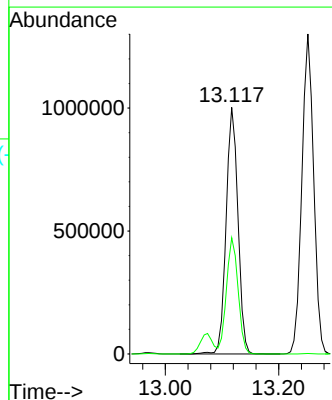
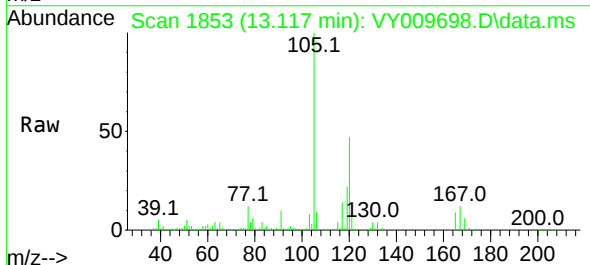
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

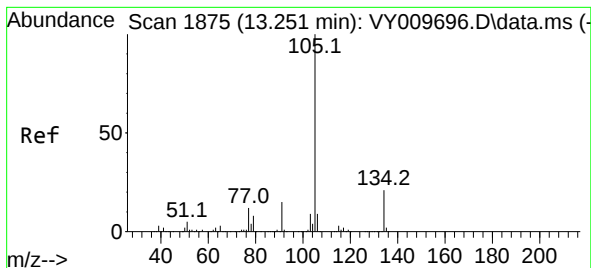
Tgt Ion:119 Resp: 1289783
Ion Ratio Lower Upper
119 100
91 60.9 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 153.763 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:105 Resp: 1450251
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 152.330 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

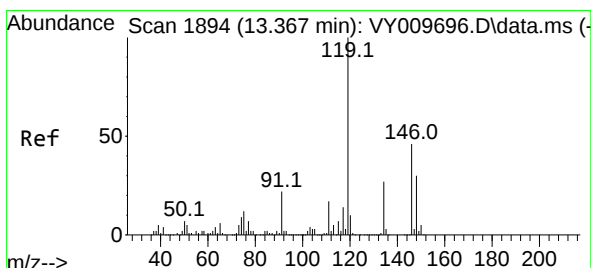
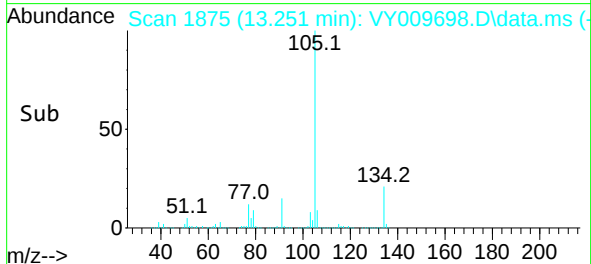
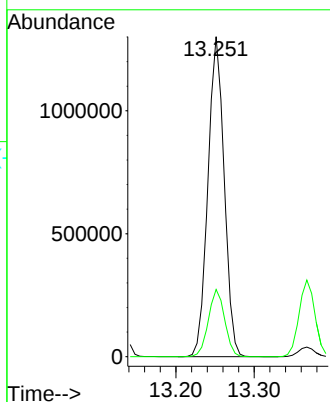
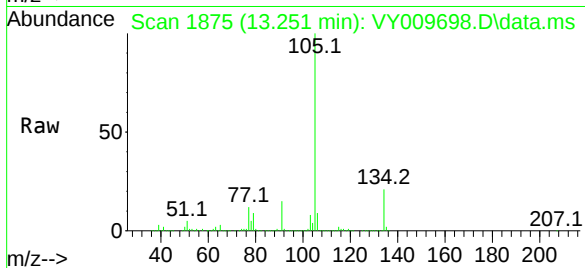
VSTDIC150

Tgt Ion:105 Resp: 1872964

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 153.657 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

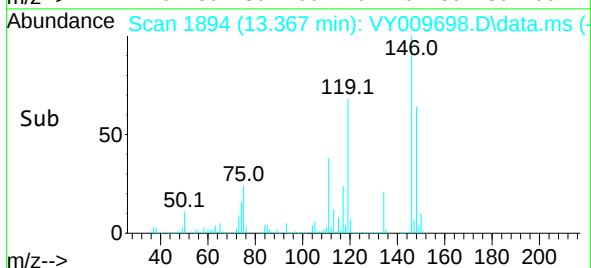
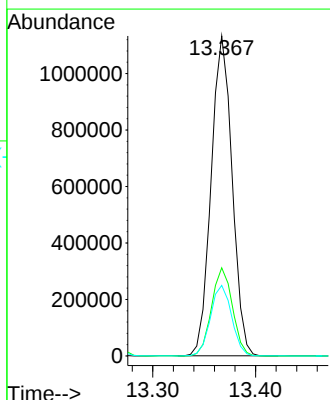
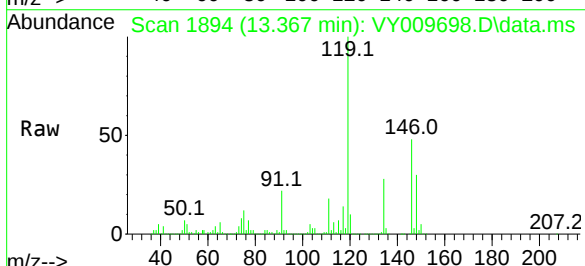
Tgt Ion:119 Resp: 1604395

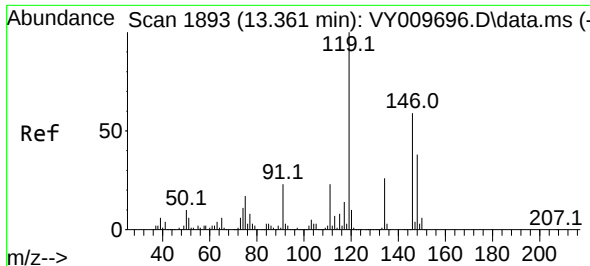
Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.5

91 22.2 12.4 37.2

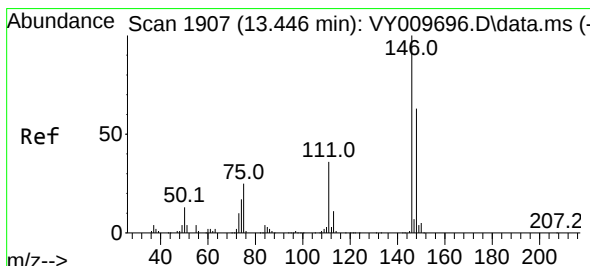
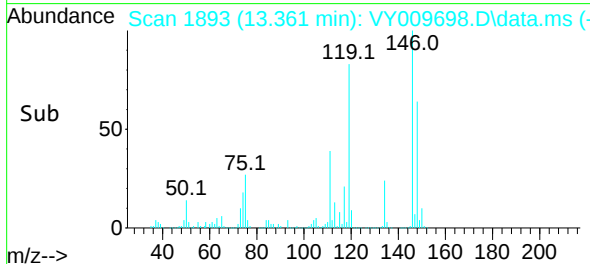
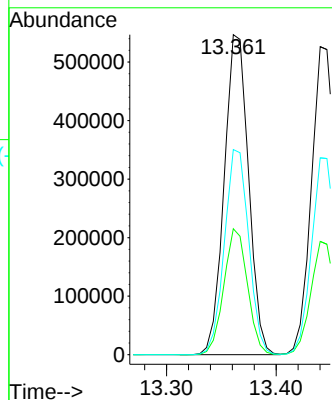
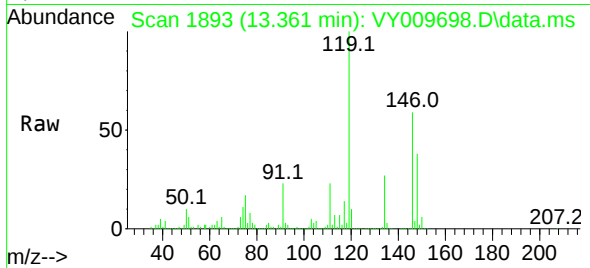




#87
1,3-Dichlorobenzene
Concen: 148.684 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

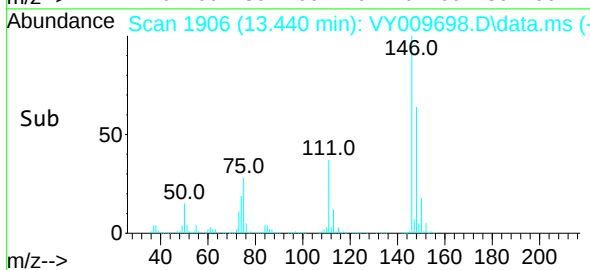
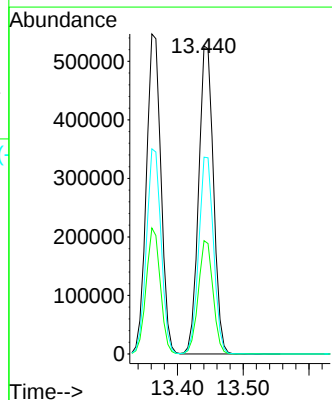
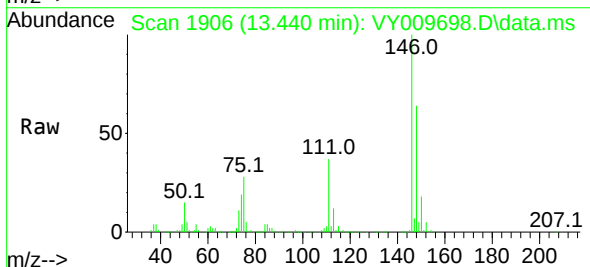
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

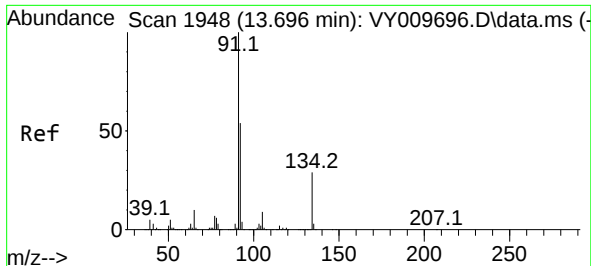
Tgt Ion:146 Resp: 844203
Ion Ratio Lower Upper
146 100
111 38.1 19.5 58.5
148 64.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 144.256 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:146 Resp: 824357
Ion Ratio Lower Upper
146 100
111 36.2 19.3 57.8
148 63.7 32.6 97.8

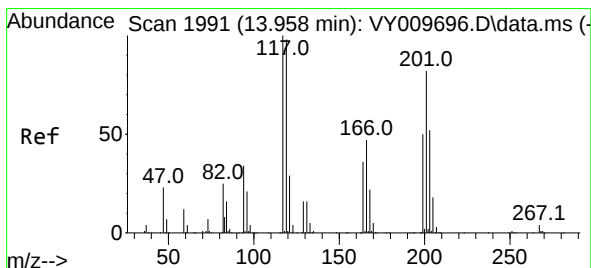
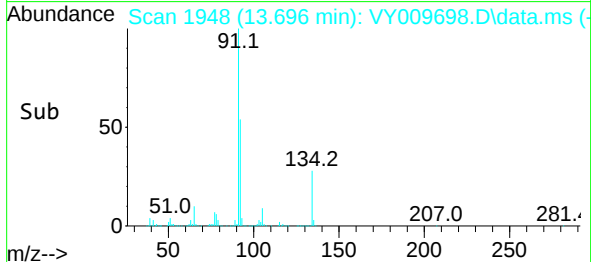
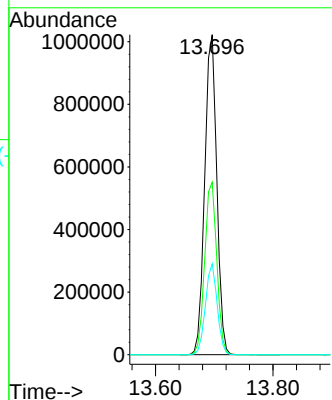
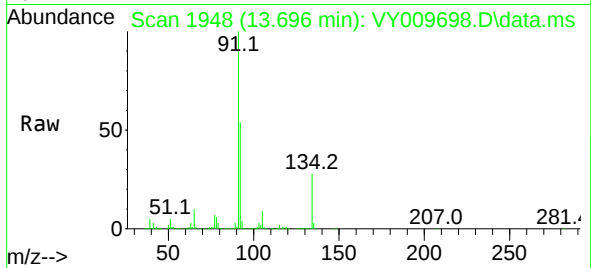




#89
n-Butylbenzene
Concen: 152.601 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

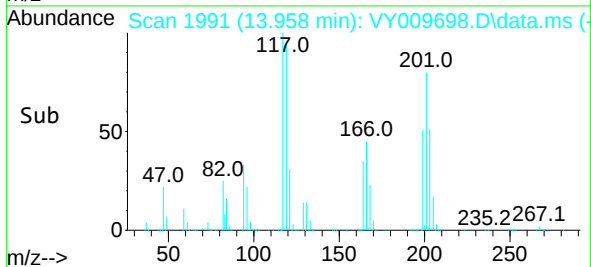
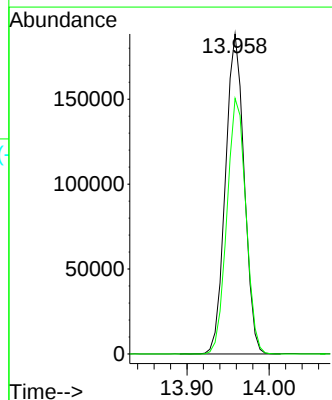
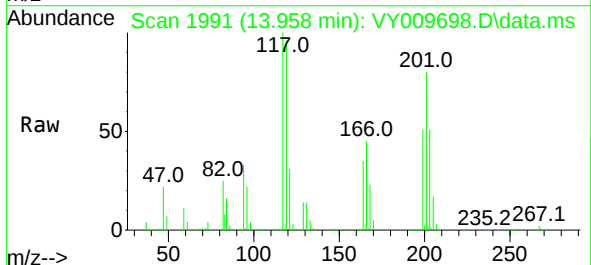
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

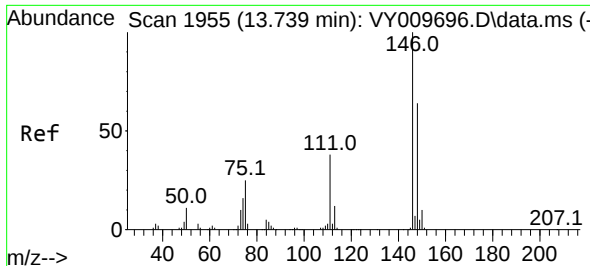
Tgt Ion: 91 Resp: 1456752
Ion Ratio Lower Upper
91 100
92 54.1 26.3 78.9
134 27.7 13.0 38.9



#90
Hexachloroethane
Concen: 146.106 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 117 Resp: 298790
Ion Ratio Lower Upper
117 100
201 81.0 43.0 128.8

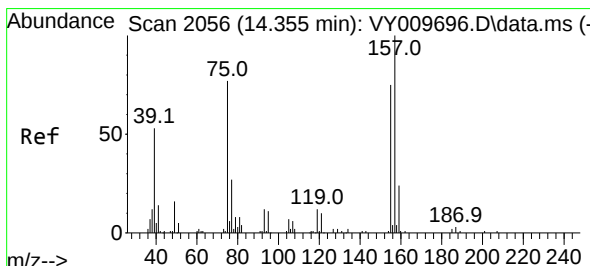
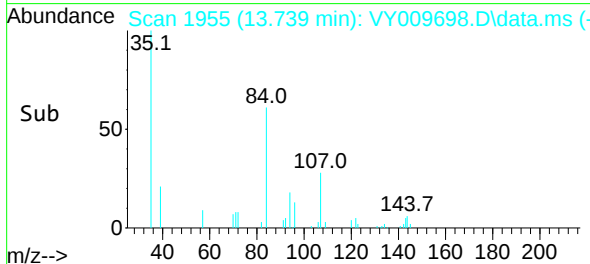
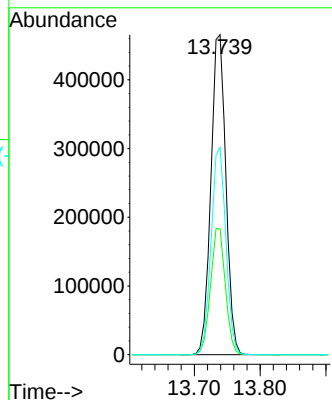
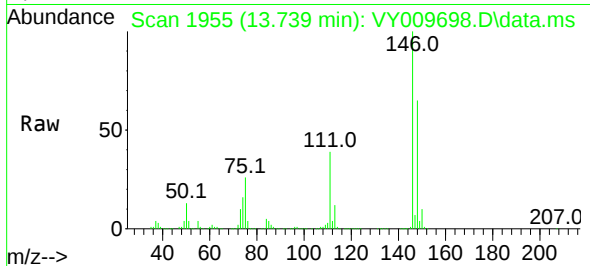




#91
1,2-Dichlorobenzene
Concen: 144.854 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

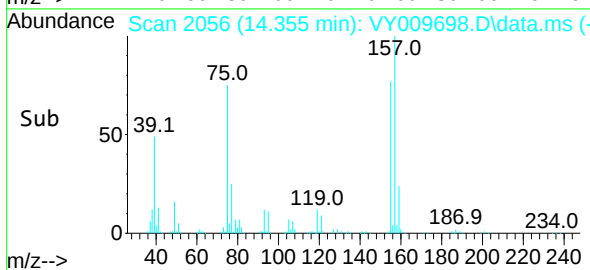
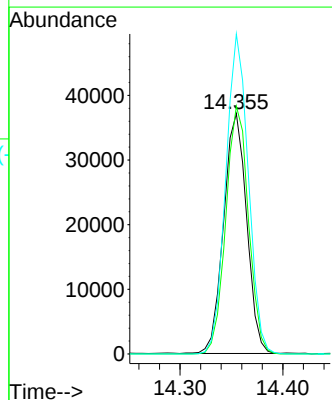
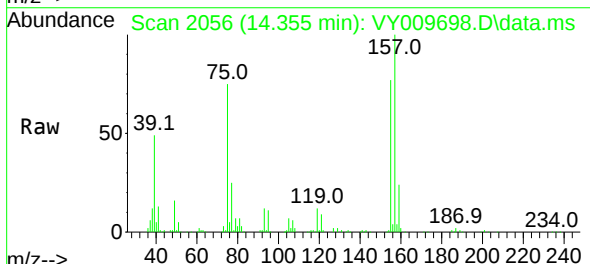
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

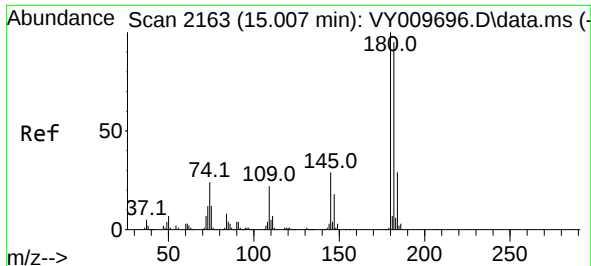
Tgt Ion:146 Resp: 737927
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 64.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 153.083 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion: 75 Resp: 57647
Ion Ratio Lower Upper
75 100
155 101.8 38.0 113.9
157 130.6 47.8 143.3

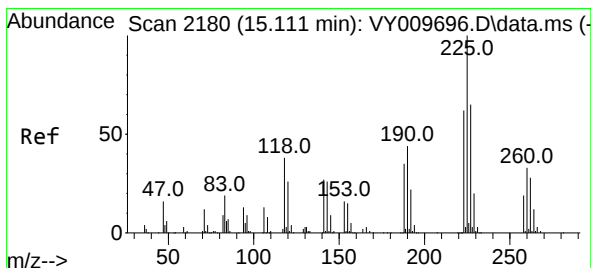
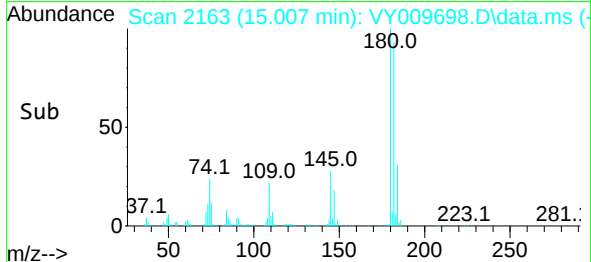
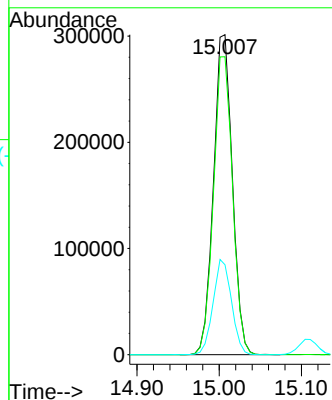
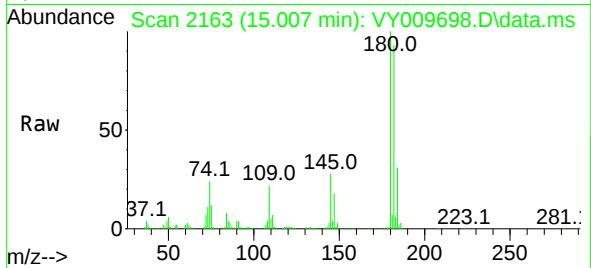




#93
1,2,4-Trichlorobenzene
Concen: 149.293 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

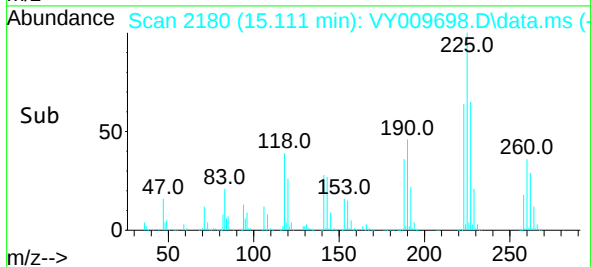
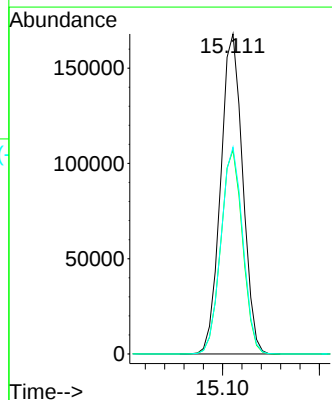
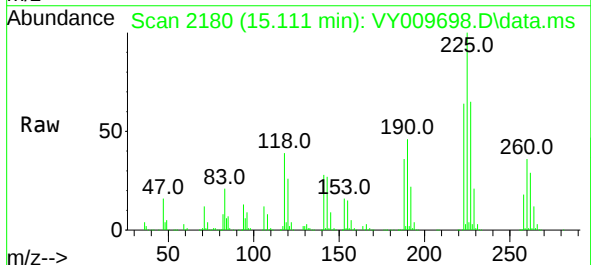
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

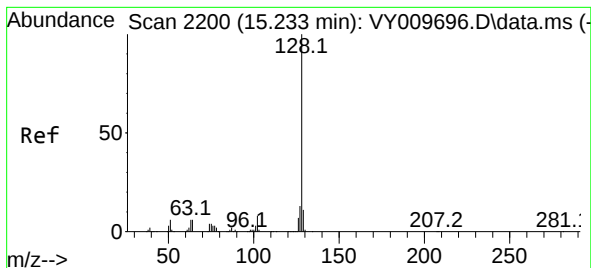
Tgt Ion:180 Resp: 480300
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 29.1 14.6 43.8



#94
Hexachlorobutadiene
Concen: 137.075 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009698.D
Acq: 26 Jul 2022 13:39

Tgt Ion:225 Resp: 264784
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.3
227 64.3 31.6 94.7





#95

Naphthalene

Concen: 158.961 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

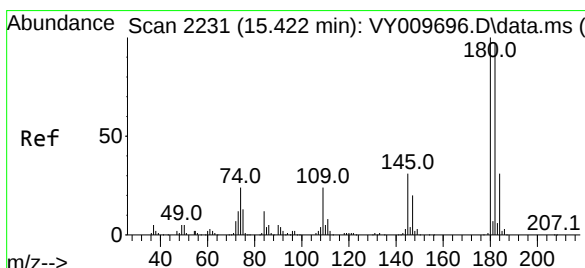
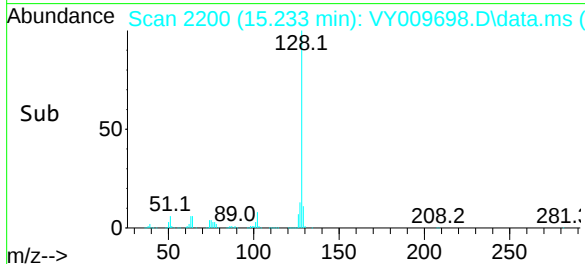
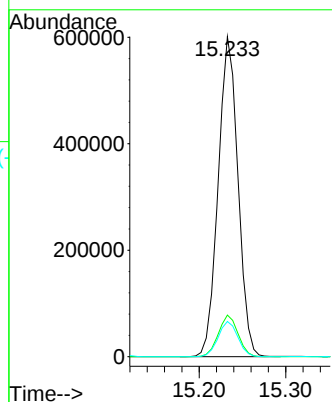
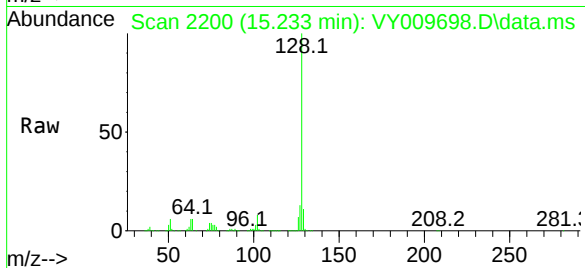
Tgt Ion:128 Resp: 955515

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 142.871 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009698.D

Acq: 26 Jul 2022 13:39

Tgt Ion:180 Resp: 398216

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 30.6 15.3 45.9

