

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009474.D
 Acq On : 07 Jul 2022 16:52
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 08 01:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	179245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	266911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37344	24.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.740%#
35) Dibromofluoromethane	7.710	113	34812	22.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.940%#
50) Toluene-d8	10.173	98	138398	26.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	53.160%#
62) 4-Bromofluorobenzene	12.477	95	49156	22.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	45.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24872	18.094	ug/l	98
3) Chloromethane	2.107	50	28362	18.477	ug/l	97
4) Vinyl Chloride	2.241	62	31379	17.955	ug/l	98
5) Bromomethane	2.619	94	25957	20.673	ug/l	91
6) Chloroethane	2.772	64	18882	18.505	ug/l	100
7) Trichlorofluoromethane	3.107	101	44866	19.228	ug/l	96
8) Diethyl Ether	3.515	74	17808	19.948	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	30367	19.208	ug/l	98
10) Methyl Iodide	4.076	142	26339	14.041	ug/l	88
11) Tert butyl alcohol	4.942	59	33118	120.000	ug/l	96
12) 1,1-Dichloroethene	3.857	96	26818	18.289	ug/l	86
13) Acrolein	3.723	56	7913	70.309	ug/l	97
14) Allyl chloride	4.466	41	49316	19.547	ug/l	95
15) Acrylonitrile	5.155	53	51227	104.289	ug/l	96
16) Acetone	3.936	43	40948	93.909	ug/l	92
17) Carbon Disulfide	4.180	76	61584	14.922	ug/l	100
18) Methyl Acetate	4.466	43	27223	21.264	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	89712	20.214	ug/l	97
20) Methylene Chloride	4.704	84	50673	20.645	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	31650	18.421	ug/l	85
22) Diisopropyl ether	6.106	45	117787	21.960	ug/l	94
23) Vinyl Acetate	6.051	43	366134	106.763	ug/l	97
24) 1,1-Dichloroethane	6.003	63	60478	19.995	ug/l #	97
25) 2-Butanone	6.978	43	70478	99.916	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	57158	19.173	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	40093	19.821	ug/l	91
28) Bromochloromethane	7.320	49	24869	19.562	ug/l	89
29) Tetrahydrofuran	7.338	42	46713	102.388	ug/l	93
30) Chloroform	7.496	83	64503	19.485	ug/l	96
31) Cyclohexane	7.777	56	52180	17.744	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	55965	19.176	ug/l	97
36) 1,1-Dichloropropene	7.911	75	45745	18.542	ug/l	96
37) Ethyl Acetate	7.064	43	31278	20.225	ug/l #	95
38) Carbon Tetrachloride	7.893	117	50240	19.041	ug/l	97
39) Methylcyclohexane	9.179	83	52841	17.843	ug/l	93
40) Benzene	8.155	78	138789	19.157	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16945	11.782	ug/l #	44
42) 1,2-Dichloroethane	8.228	62	43146	19.837	ug/l	94
43) Isopropyl Acetate	8.265	43	59223	20.524	ug/l #	95
44) Trichloroethene	8.929	130	39422	19.262	ug/l	96
45) 1,2-Dichloropropane	9.209	63	36868	20.109	ug/l	100
46) Dibromomethane	9.295	93	21601	20.074	ug/l	96
47) Bromodichloromethane	9.490	83	51051	19.932	ug/l	96
48) Methyl methacrylate	9.289	41	25692	20.666	ug/l	91
49) 1,4-Dioxane	9.295	88	6560	413.957	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	159312	104.985	ug/l	95
52) Toluene	10.240	92	90595	19.624	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	52898	19.599	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	58946	19.586	ug/l	90
55) 1,1,2-Trichloroethane	10.636	97	31830	20.504	ug/l	97
56) Ethyl methacrylate	10.502	69	41997	20.377	ug/l	87
57) 1,3-Dichloropropane	10.782	76	52392	20.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	99212	98.540	ug/l	96
59) 2-Hexanone	10.825	43	110271	104.870	ug/l	92
60) Dibromochloromethane	10.977	129	37463	19.928	ug/l	100
61) 1,2-Dibromoethane	11.081	107	30079	20.211	ug/l	99
64) Tetrachloroethene	10.715	164	42121	18.875	ug/l	97
65) Chlorobenzene	11.514	112	104083	19.855	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.581	131	39103	19.830	ug/l	97
67) Ethyl Benzene	11.587	91	181371	19.818	ug/l	99
68) m/p-Xylenes	11.697	106	140774	39.442	ug/l	93
69) o-Xylene	12.026	106	68766	20.100	ug/l	90
70) Styrene	12.038	104	115847	20.273	ug/l	96
71) Bromoform	12.203	173	25266	20.103	ug/l #	99
73) Isopropylbenzene	12.325	105	179334	18.557	ug/l	98
74) N-amyl acetate	12.136	43	54563	19.844	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	37142	19.195	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	52683	21.138	ug/l #	100
77) Bromobenzene	12.605	156	43829	18.629	ug/l	97
78) n-propylbenzene	12.666	91	220599	18.894	ug/l	97
79) 2-Chlorotoluene	12.752	91	124677	19.074	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	153969	19.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13040	17.841	ug/l	90
82) 4-Chlorotoluene	12.849	91	131120	19.141	ug/l	96
83) tert-Butylbenzene	13.069	119	137210	19.092	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	152840	19.009	ug/l	96
85) sec-Butylbenzene	13.245	105	205900	19.454	ug/l	98
86) p-Isopropyltoluene	13.367	119	170940	19.376	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	91396	19.680	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	89397	19.020	ug/l	99
89) n-Butylbenzene	13.690	91	160106	19.434	ug/l	98
90) Hexachloroethane	13.959	117	32283	18.650	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	83147	19.541	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6812	20.085	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	49184	18.953	ug/l	99
94) Hexachlorobutadiene	15.111	225	28031	19.647	ug/l	99
95) Naphthalene	15.233	128	104933	19.557	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	43901	19.532	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jul 08 01:24:14 2022
Response via : Initial Calibration

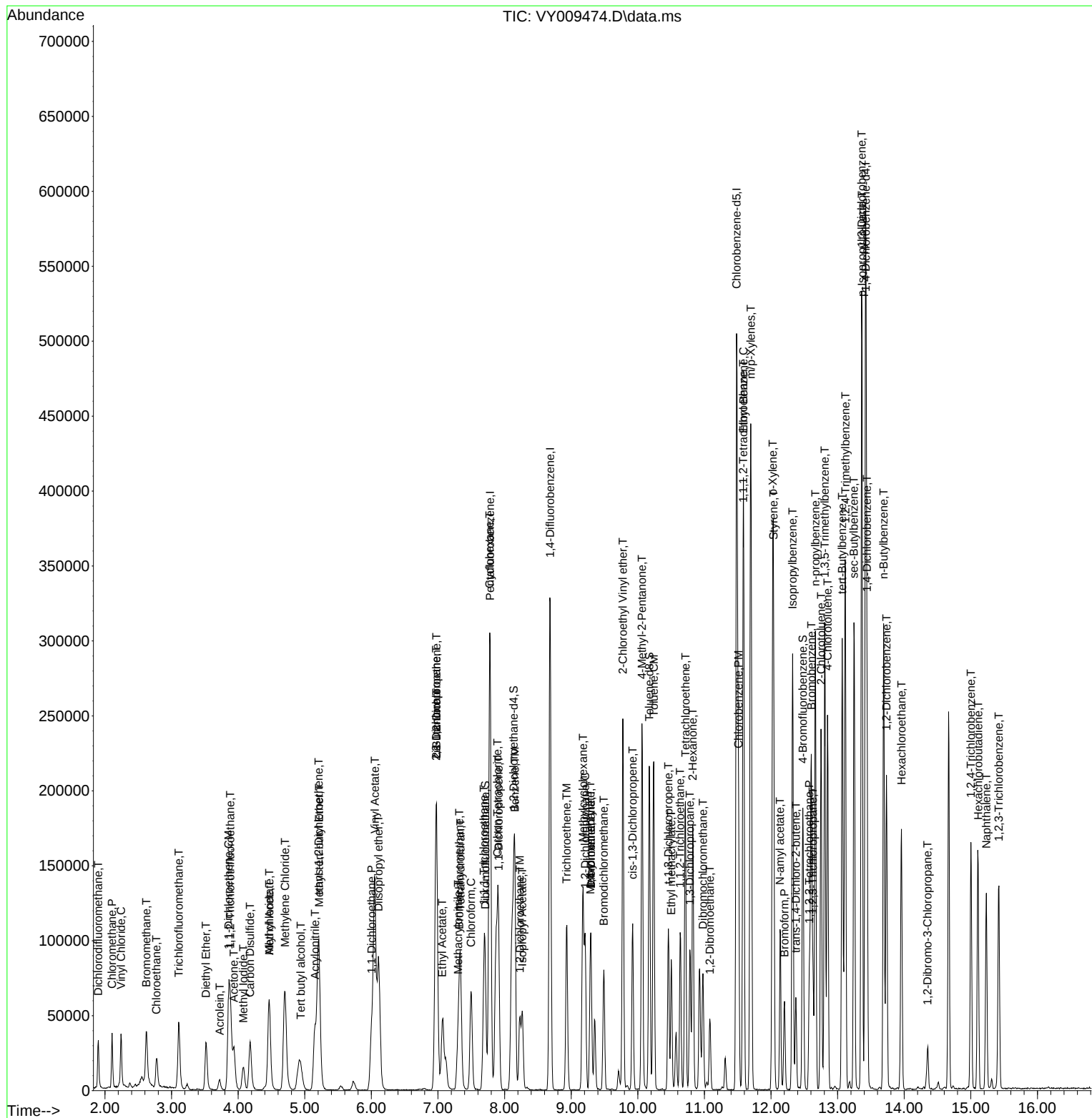
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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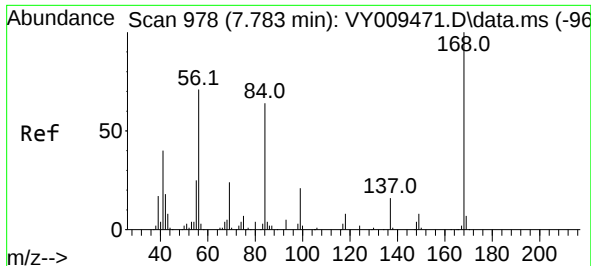
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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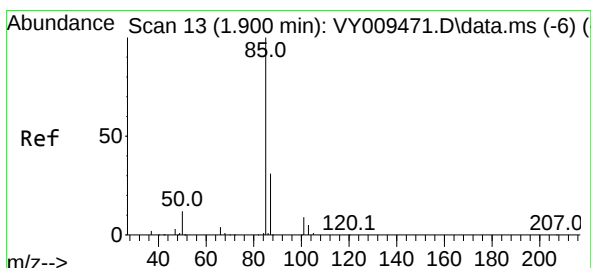
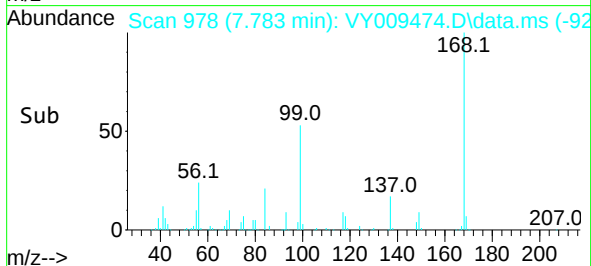
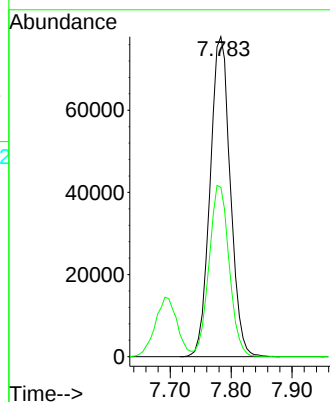
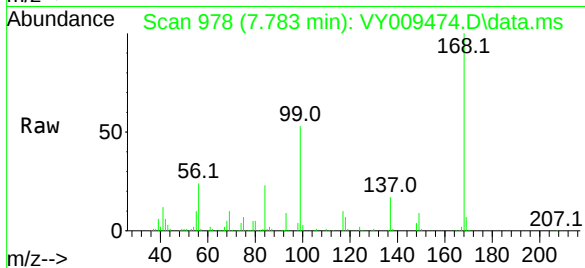




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009474.D
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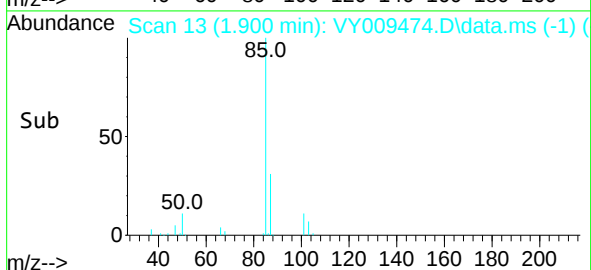
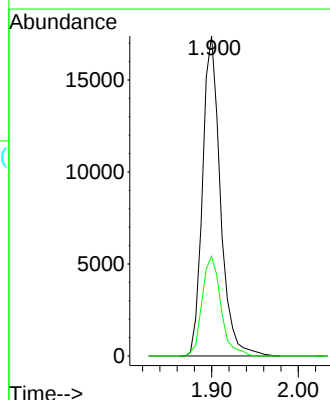
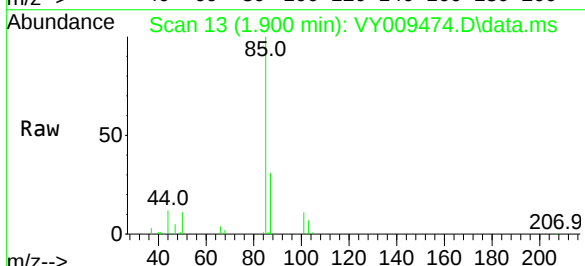
Instrument :
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ClientSampleId :
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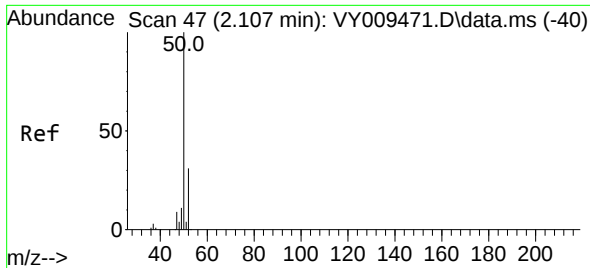
Tgt Ion:168 Resp: 179245
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 18.094 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 85 Resp: 24872
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2

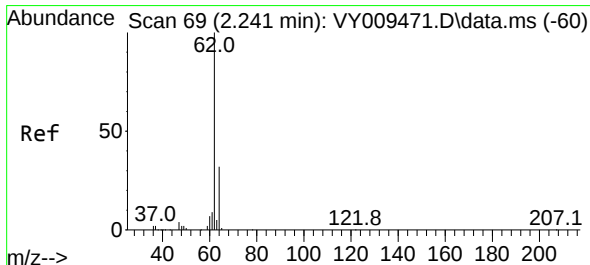
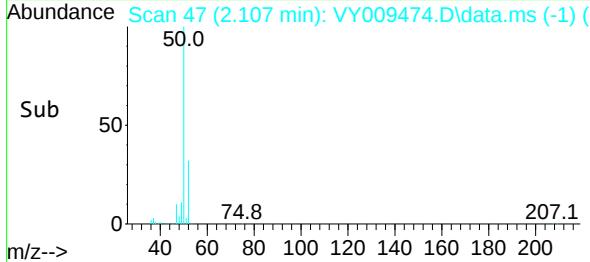
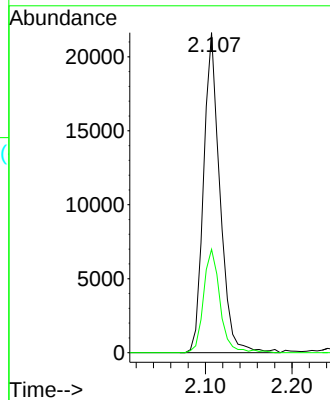
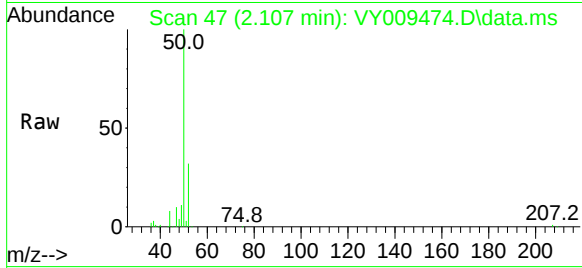




#3
Chloromethane
Concen: 18.477 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

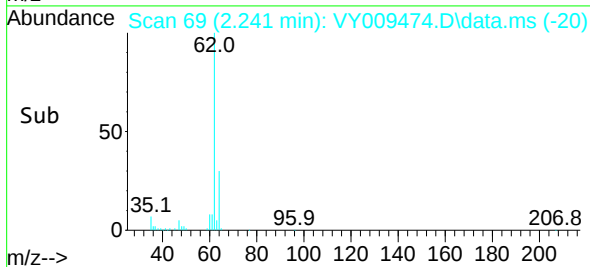
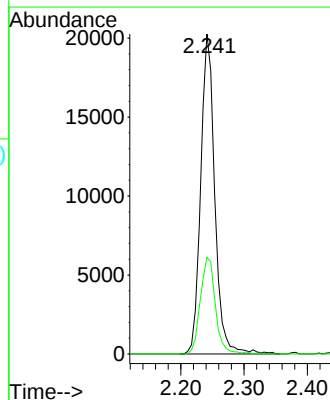
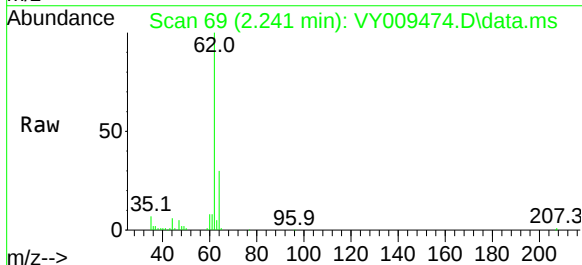
Instrument :
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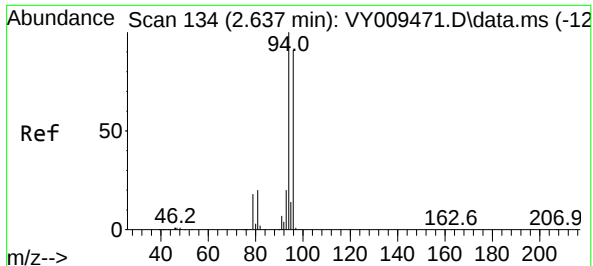
Tgt Ion: 50 Resp: 28362
Ion Ratio Lower Upper
50 100
52 32.3 24.6 37.0



#4
Vinyl Chloride
Concen: 17.955 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 62 Resp: 31379
Ion Ratio Lower Upper
62 100
64 30.2 25.0 37.6

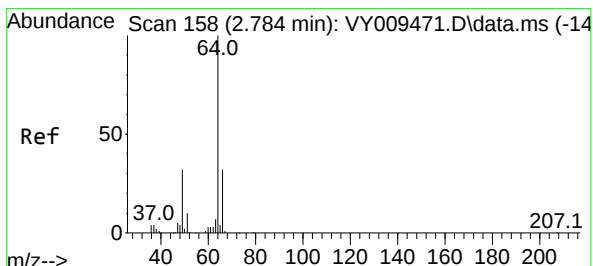
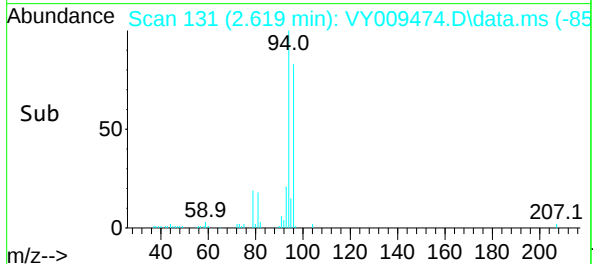
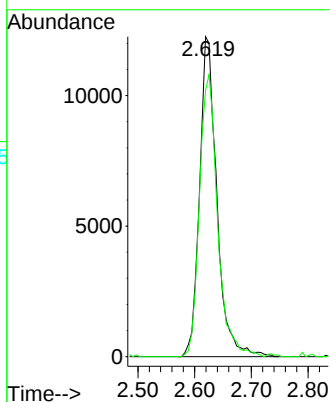
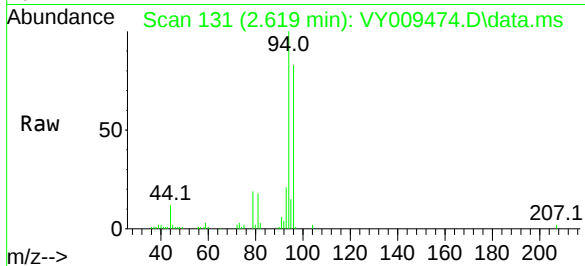




#5
Bromomethane
Concen: 20.673 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009474.D
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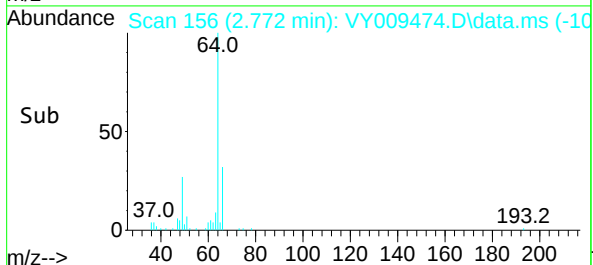
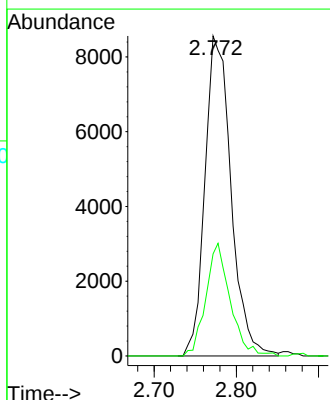
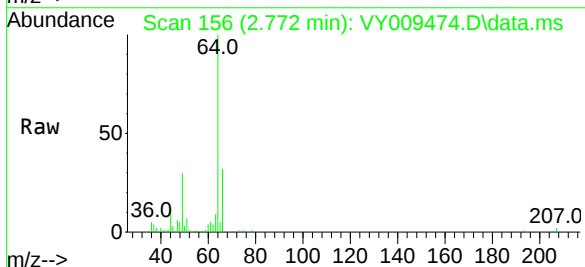
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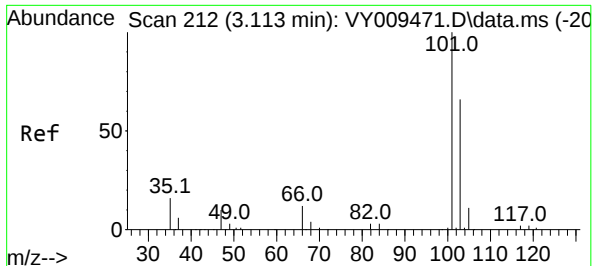
Tgt Ion: 94 Resp: 25957
Ion Ratio Lower Upper
94 100
96 83.2 73.5 110.3



#6
Chloroethane
Concen: 18.505 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 64 Resp: 18882
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

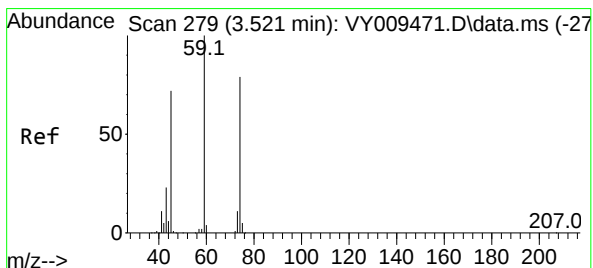
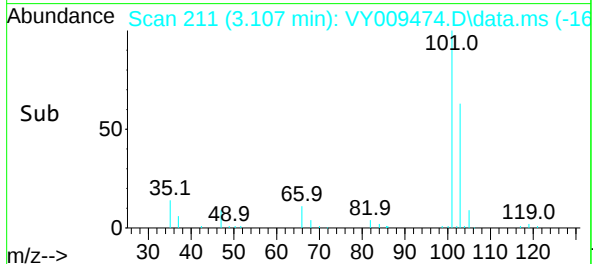
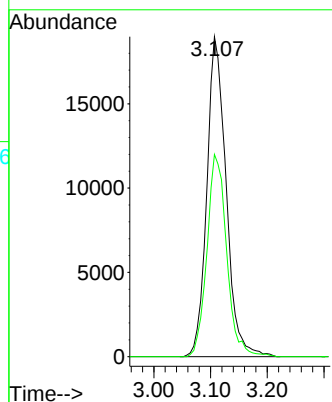
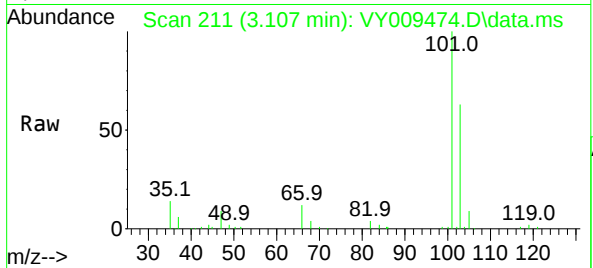




#7
Trichlorofluoromethane
Concen: 19.228 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009474.D
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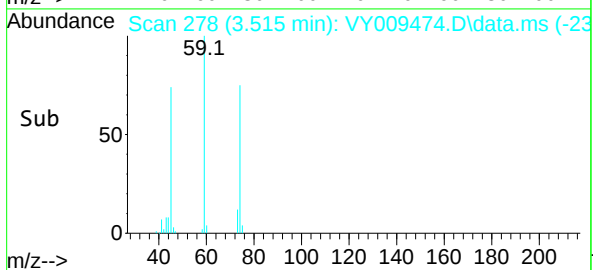
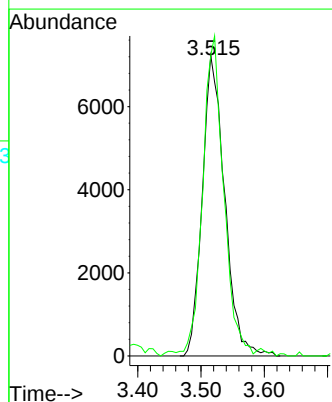
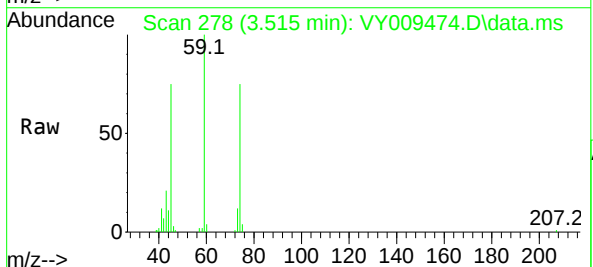
Instrument :
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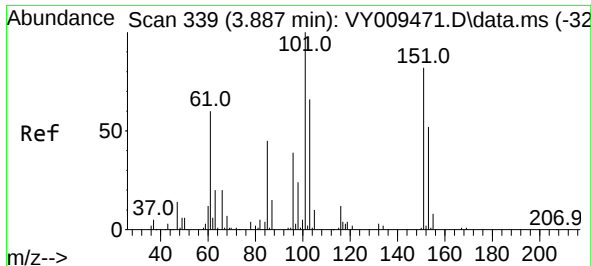
Tgt Ion:101 Resp: 44866
Ion Ratio Lower Upper
101 100
103 63.2 48.0 72.0



#8
Diethyl Ether
Concen: 19.948 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 74 Resp: 17808
Ion Ratio Lower Upper
74 100
45 97.5 55.1 165.5

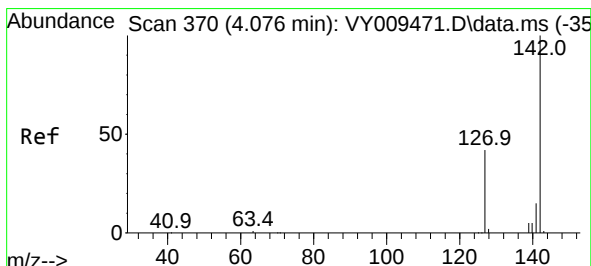
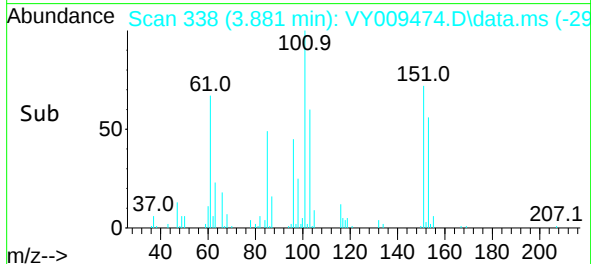
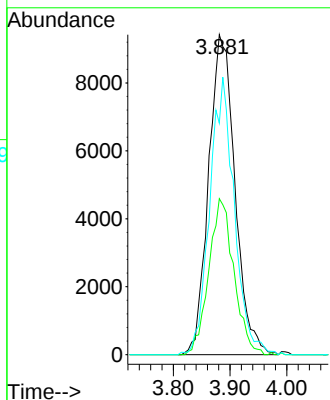
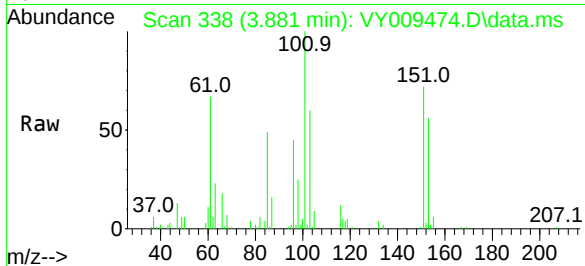




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.208 ug/l
 RT: 3.881 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VY009474.D
 Acq: 07 Jul 2022 16:52

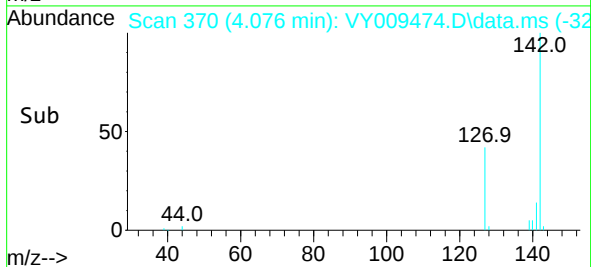
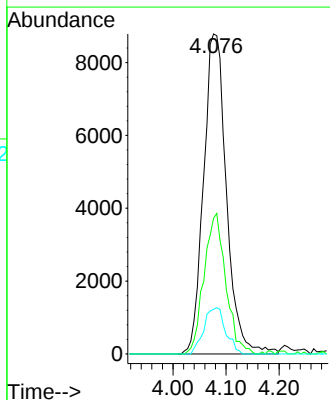
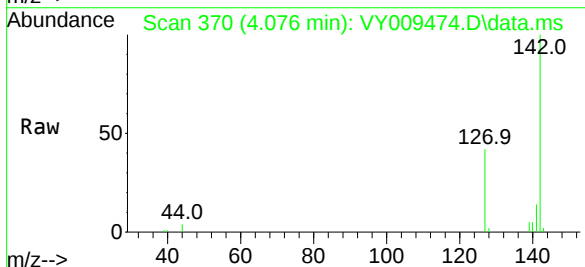
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

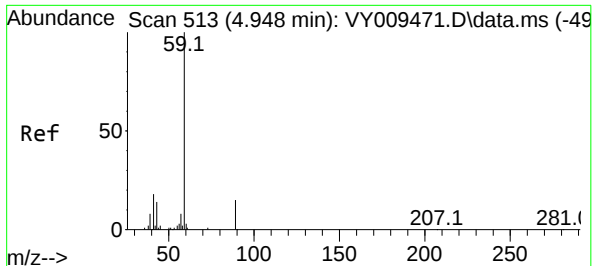
Tgt Ion:	101	Resp:	30367
Ion	Ratio	Lower	Upper
101	100		
85	46.3	40.6	60.8
151	81.0	64.9	97.3



#10
 Methyl Iodide
 Concen: 14.041 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009474.D
 Acq: 07 Jul 2022 16:52

Tgt Ion:	142	Resp:	26339
Ion	Ratio	Lower	Upper
142	100		
127	41.8	41.5	62.3
141	13.7	11.9	17.9





#11

Tert butyl alcohol

Concen: 120.000 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

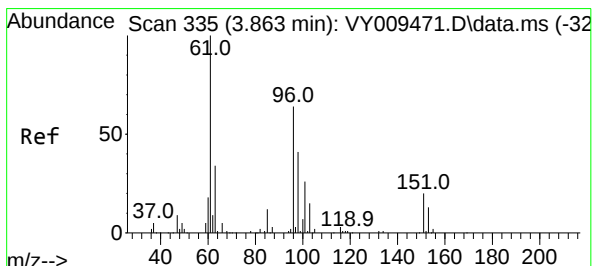
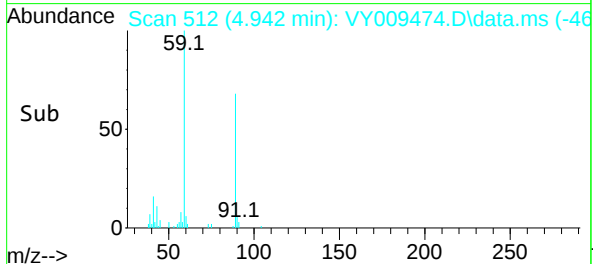
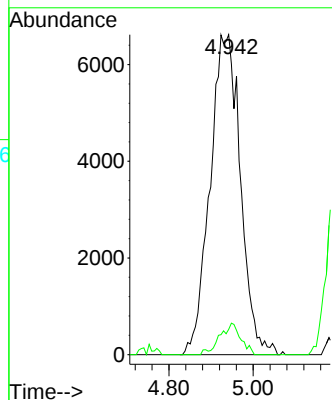
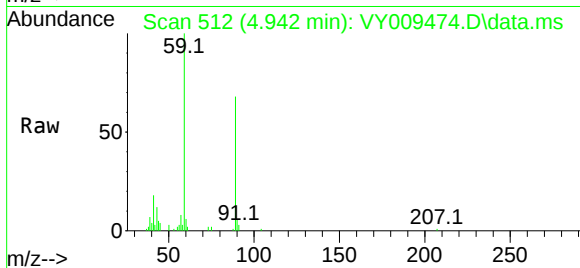
VSTDIC020

Tgt Ion: 59 Resp: 33118

Ion Ratio Lower Upper

59 100

57 6.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 18.289 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

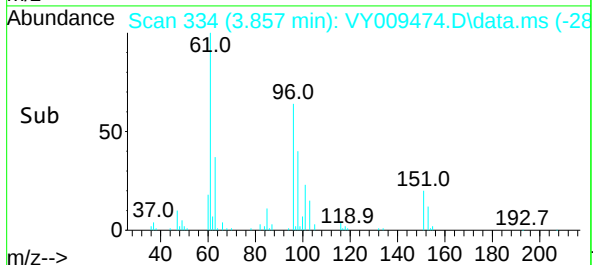
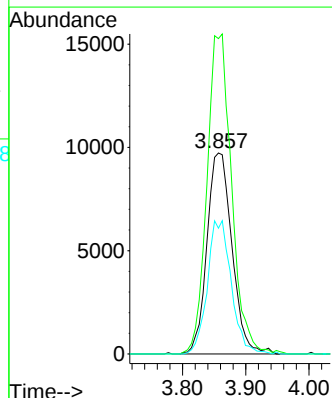
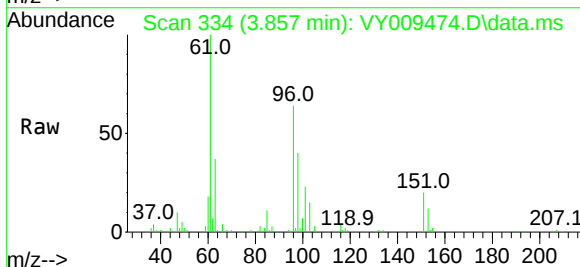
Tgt Ion: 96 Resp: 26818

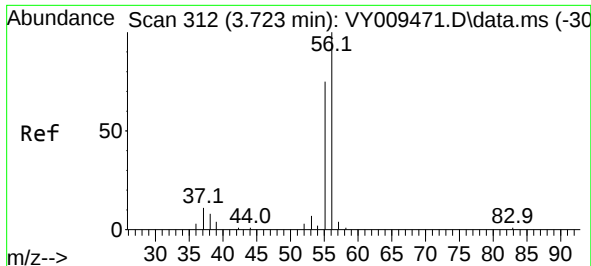
Ion Ratio Lower Upper

96 100

61 157.0 145.8 218.6

98 62.6 52.5 78.7

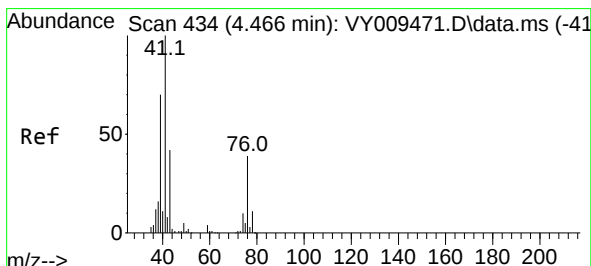
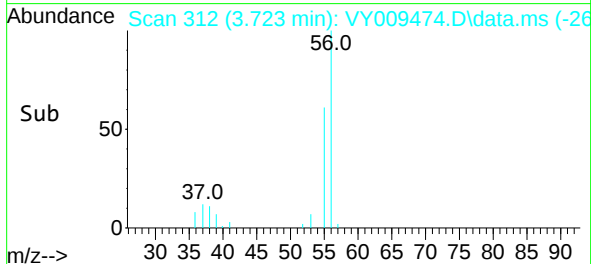
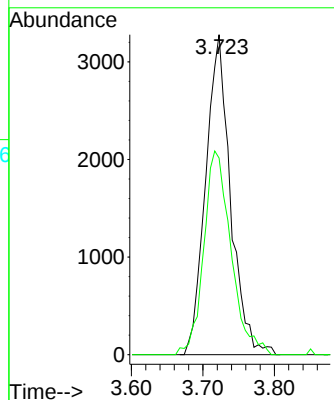
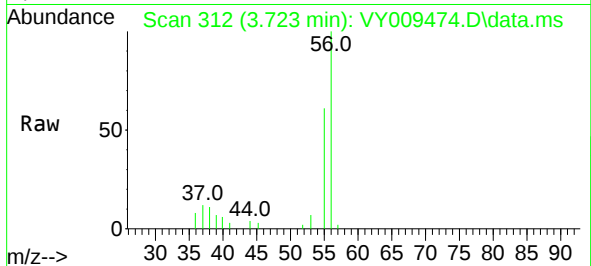




#13
Acrolein
Concen: 70.309 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

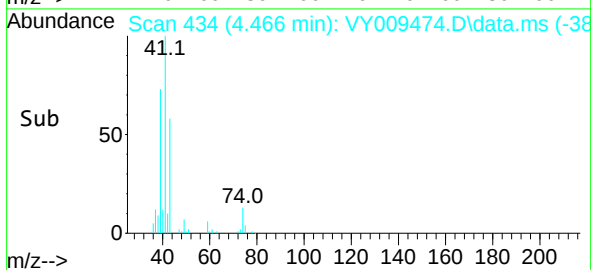
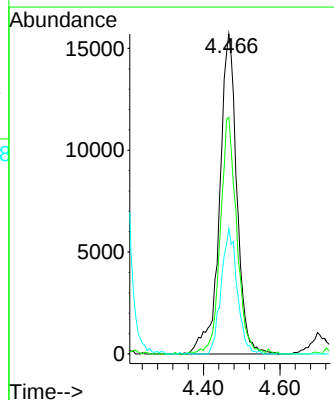
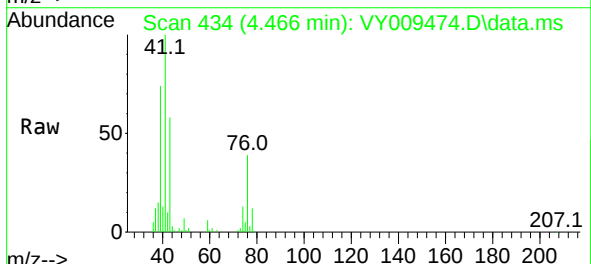
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

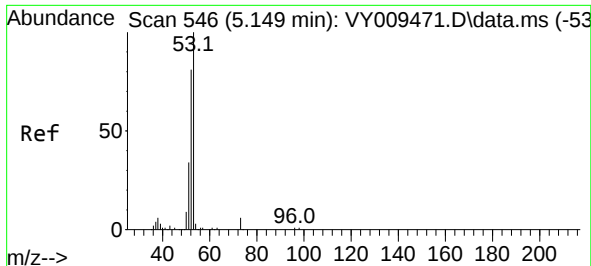
Tgt Ion: 56 Resp: 7913
Ion Ratio Lower Upper
56 100
55 69.9 57.6 86.4



#14
Allyl chloride
Concen: 19.547 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 41 Resp: 49316
Ion Ratio Lower Upper
41 100
39 70.1 58.8 88.2
76 36.1 25.1 37.7

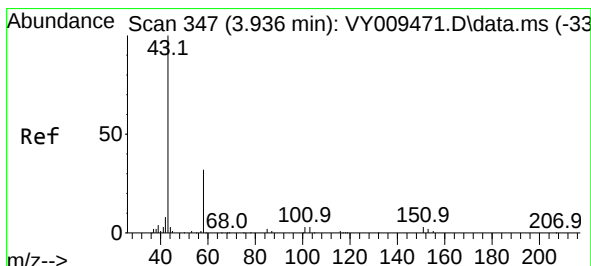
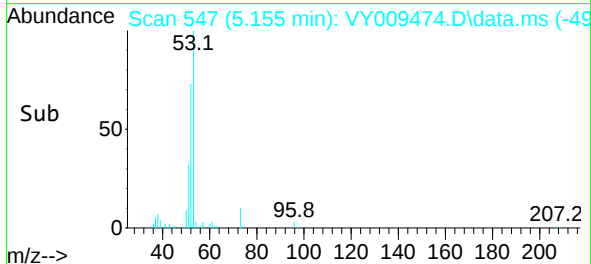
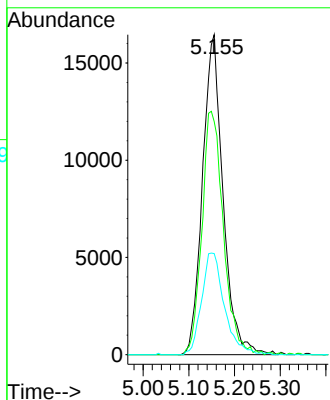
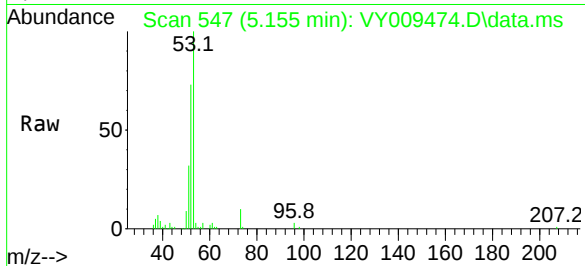




#15
Acrylonitrile
Concen: 104.289 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

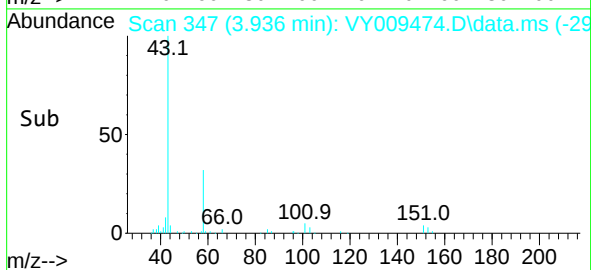
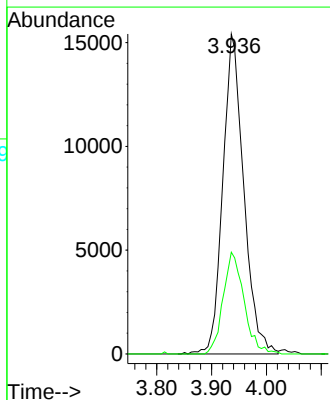
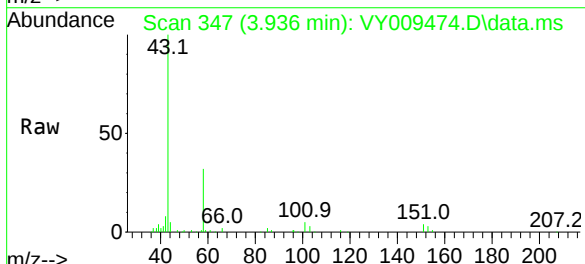
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

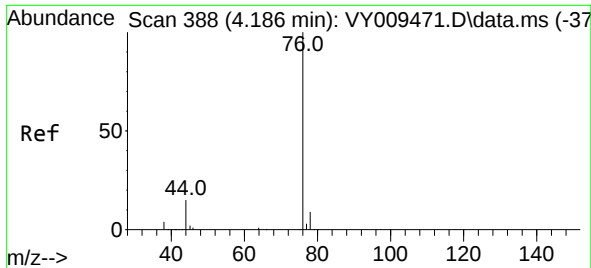
Tgt Ion: 53 Resp: 51227
Ion Ratio Lower Upper
53 100
52 79.5 67.0 100.4
51 35.1 29.8 44.6



#16
Acetone
Concen: 93.909 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 43 Resp: 40948
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0

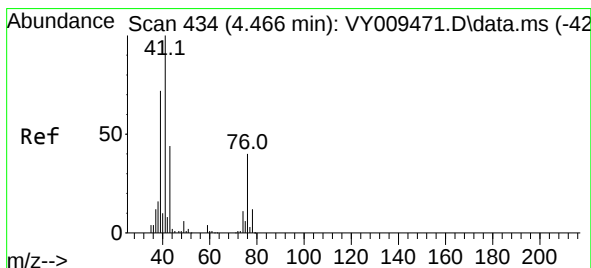
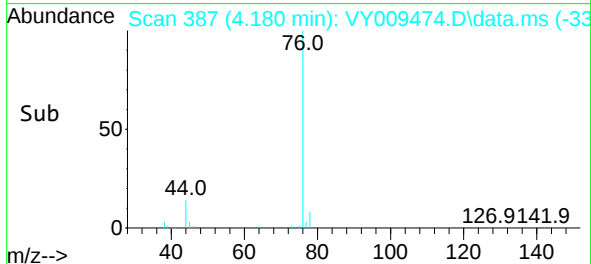
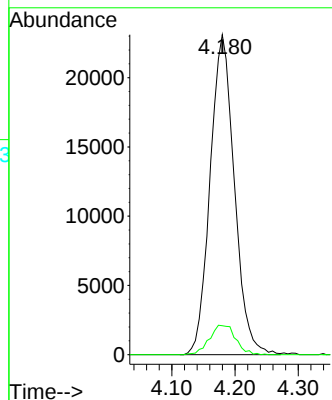
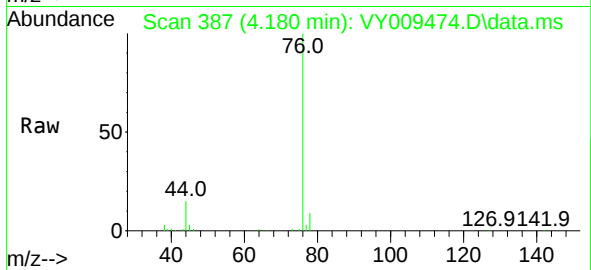




#17
Carbon Disulfide
Concen: 14.922 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

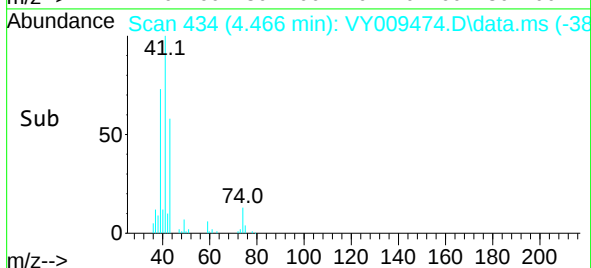
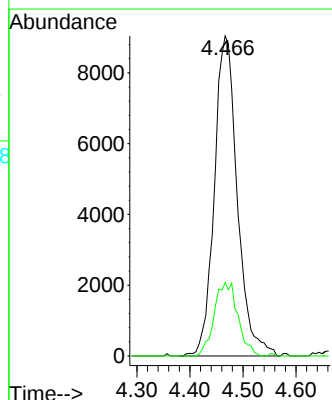
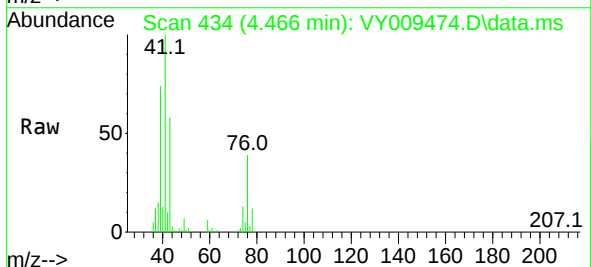
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

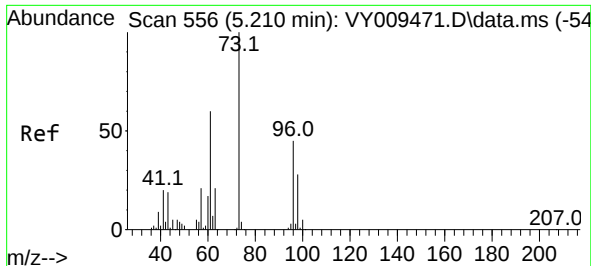
Tgt Ion: 76 Resp: 61584
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 21.264 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 43 Resp: 27223
Ion Ratio Lower Upper
43 100
74 23.6 16.6 24.8

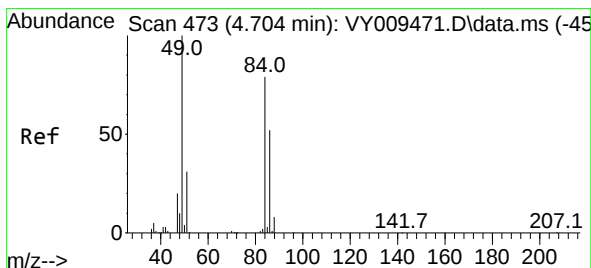
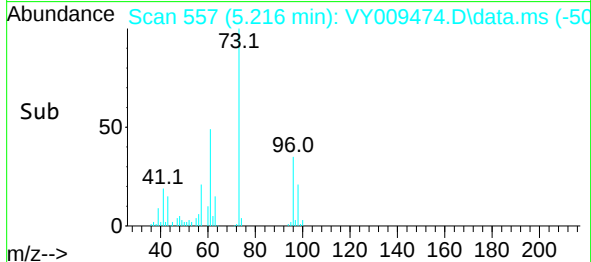
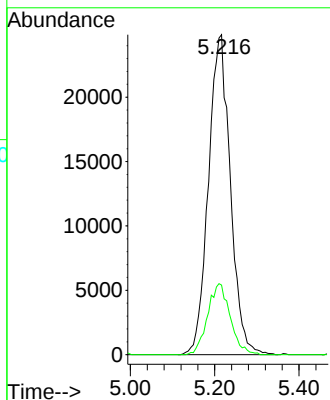
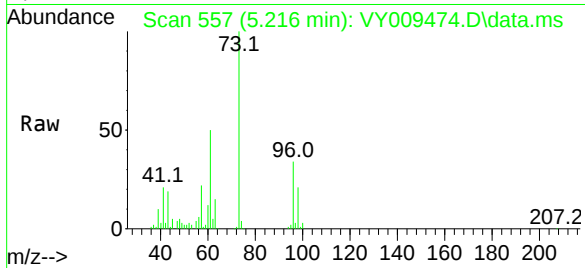




#19
Methyl tert-butyl Ether
Concen: 20.214 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

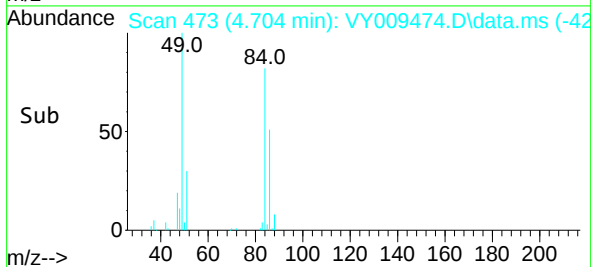
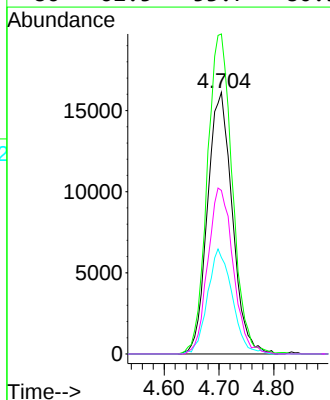
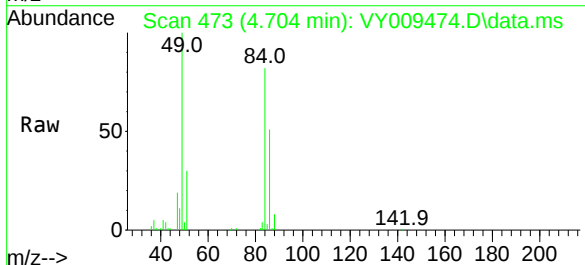
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 89712
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



#20
Methylene Chloride
Concen: 20.645 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 84 Resp: 50673
Ion Ratio Lower Upper
84 100
49 122.3 114.4 171.6
51 36.9 35.3 52.9
86 62.5 53.7 80.5

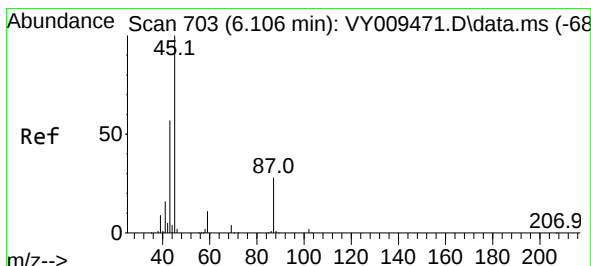
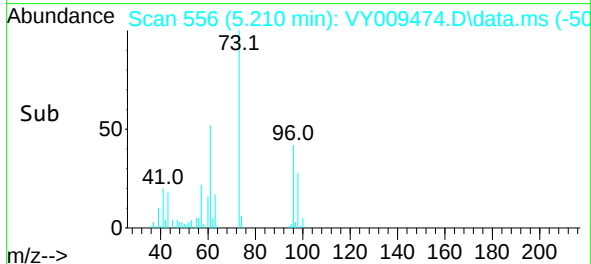
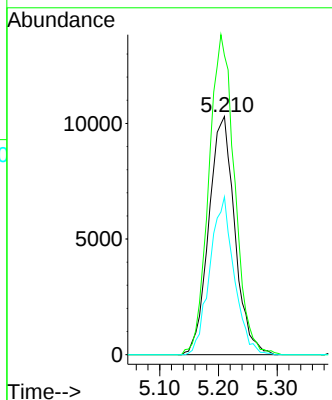
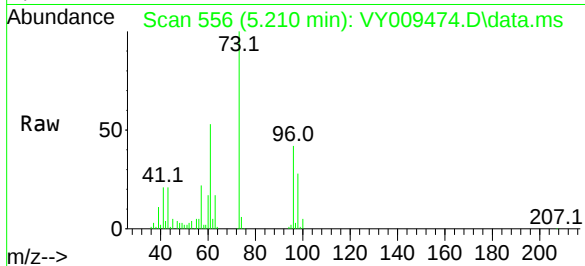




#21
trans-1,2-Dichloroethene
Concen: 18.421 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

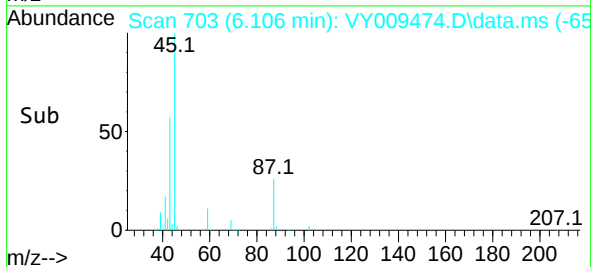
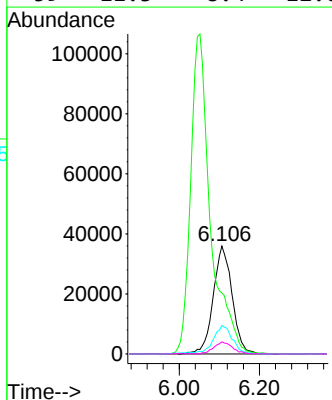
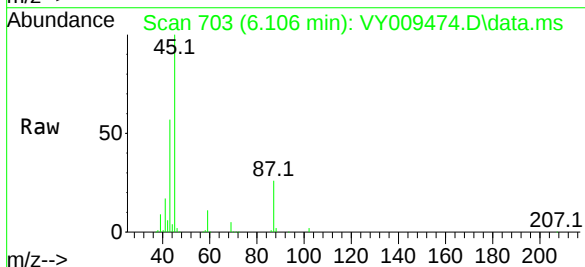
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

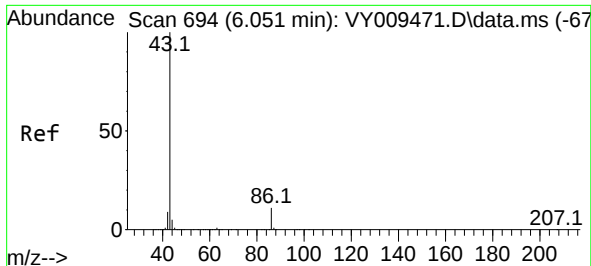
Tgt Ion: 96 Resp: 31650
Ion Ratio Lower Upper
96 100
61 125.6 120.5 180.7
98 66.2 49.8 74.8



#22
Diisopropyl ether
Concen: 21.960 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 45 Resp: 117787
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 26.5 19.2 28.8
59 11.3 8.4 12.6

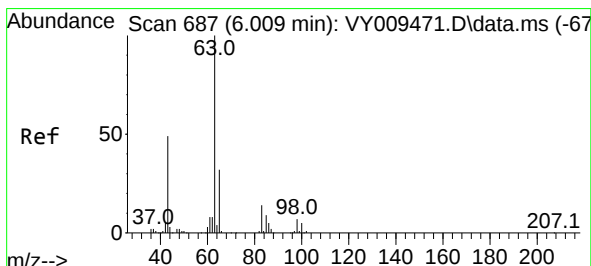
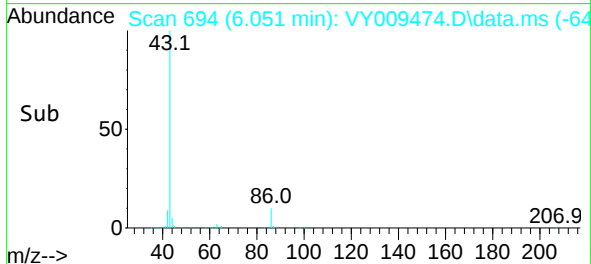
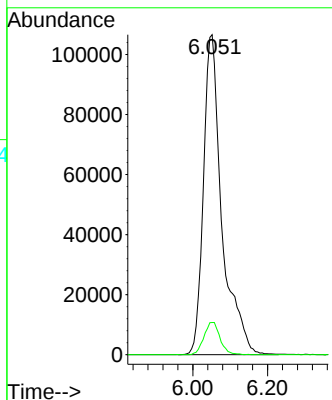
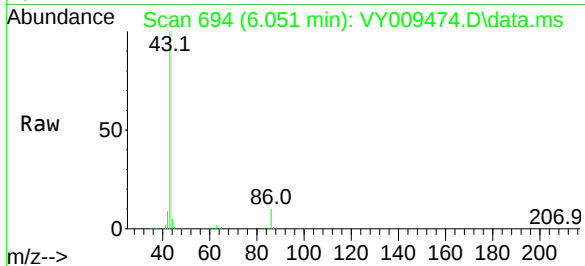




#23
 Vinyl Acetate
 Concen: 106.763 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009474.D
 Acq: 07 Jul 2022 16:52

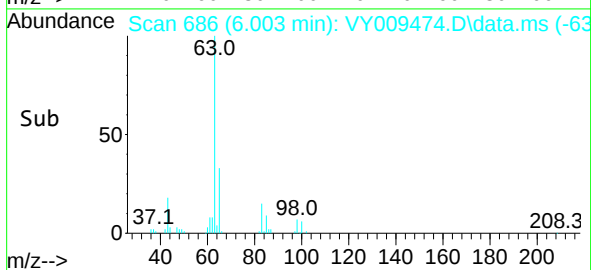
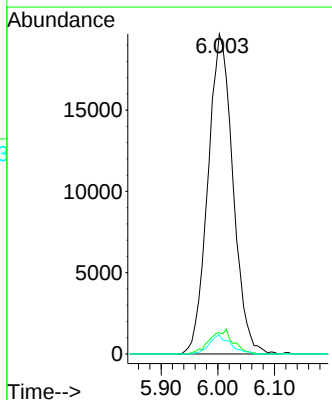
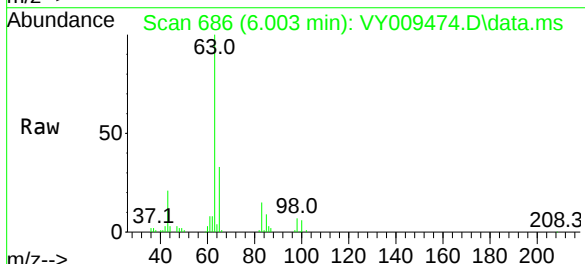
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

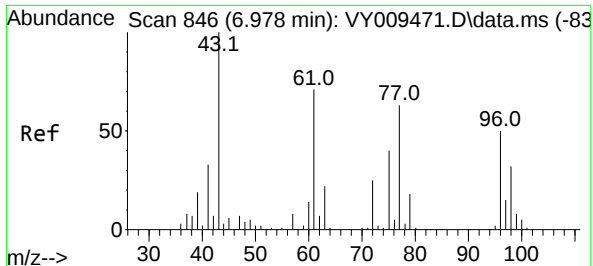
Tgt Ion: 43 Resp: 366134
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.995 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009474.D
 Acq: 07 Jul 2022 16:52

Tgt Ion: 63 Resp: 60478
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 6.0 2.0 5.8#





#25

2-Butanone

Concen: 99.916 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

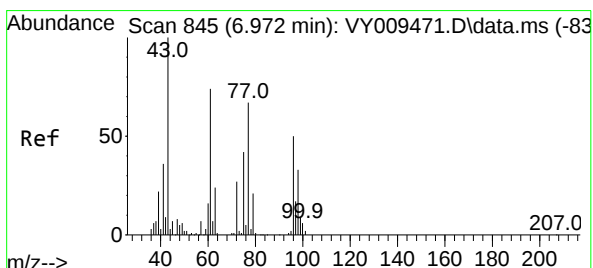
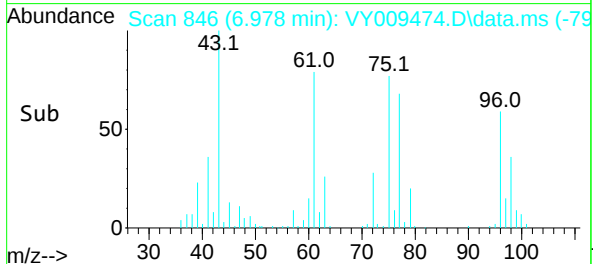
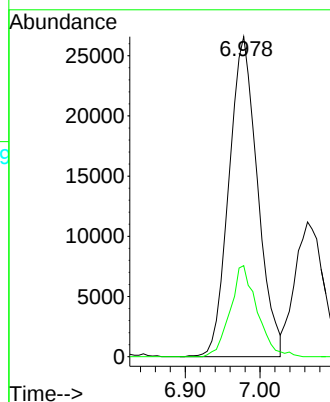
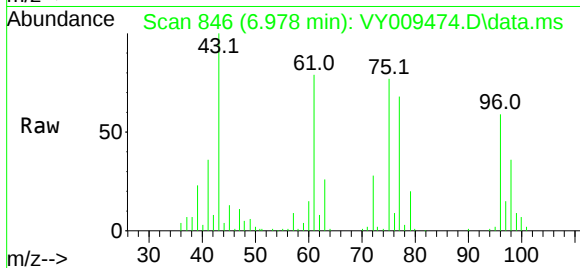
VSTDICC020

Tgt Ion: 43 Resp: 70478

Ion Ratio Lower Upper

43 100

72 28.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.173 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009474.D

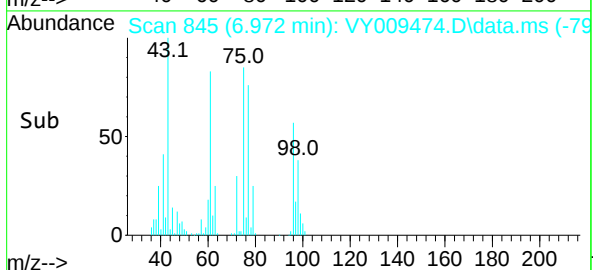
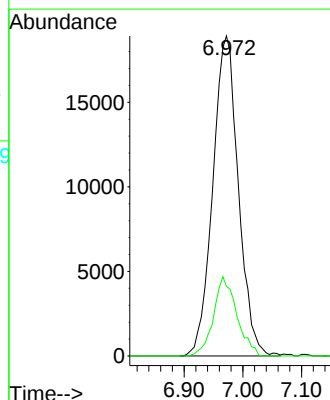
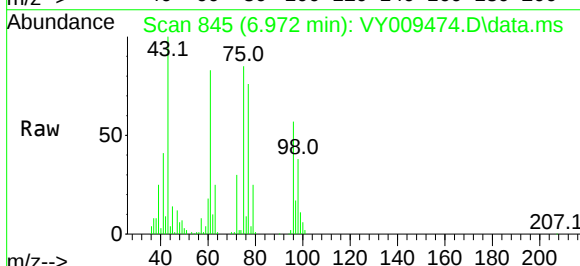
Acq: 07 Jul 2022 16:52

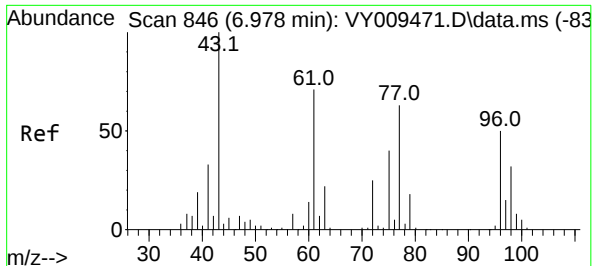
Tgt Ion: 77 Resp: 57158

Ion Ratio Lower Upper

77 100

97 22.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.821 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

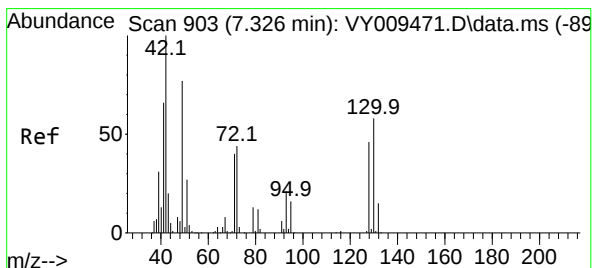
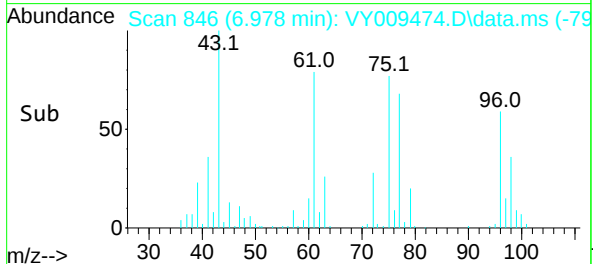
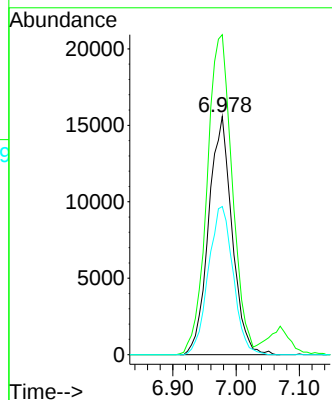
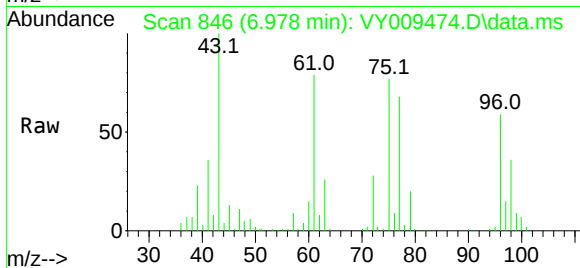
Tgt Ion: 96 Resp: 40093

Ion Ratio Lower Upper

96 100

61 144.7 0.0 319.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 19.562 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

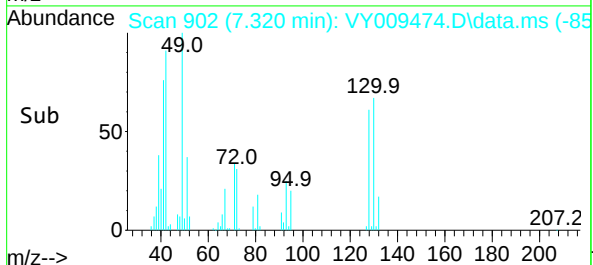
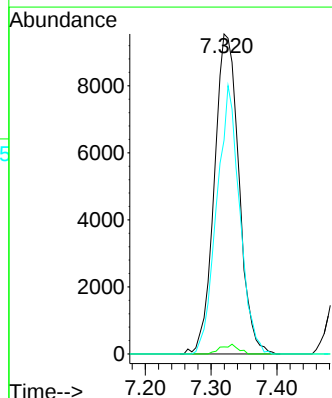
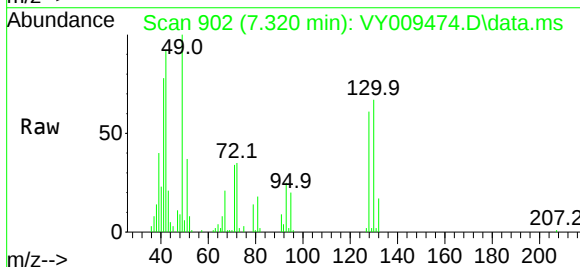
Tgt Ion: 49 Resp: 24869

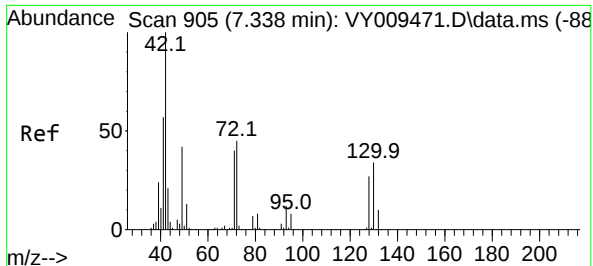
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 78.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 102.388 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

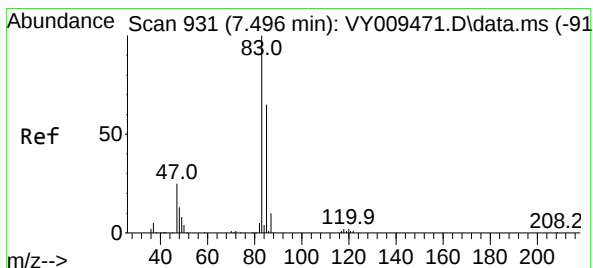
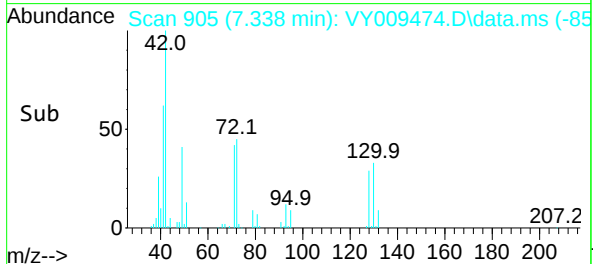
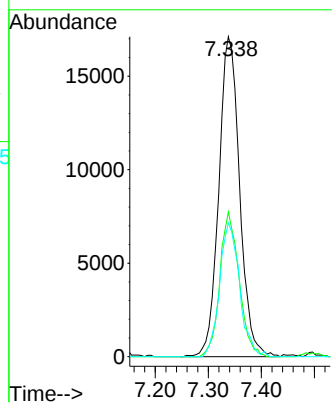
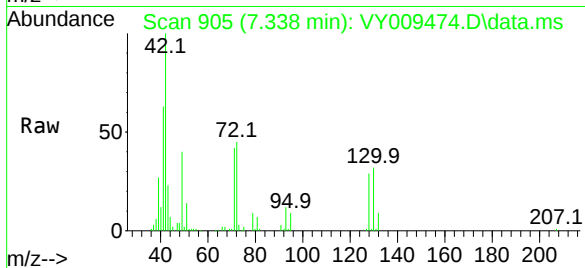
Tgt Ion: 42 Resp: 46713

Ion Ratio Lower Upper

42 100

72 41.8 30.3 45.5

71 40.1 29.0 43.4



#30

Chloroform

Concen: 19.485 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009474.D

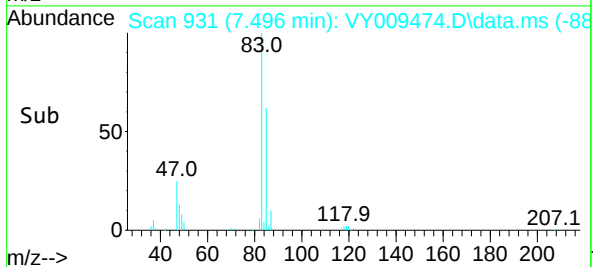
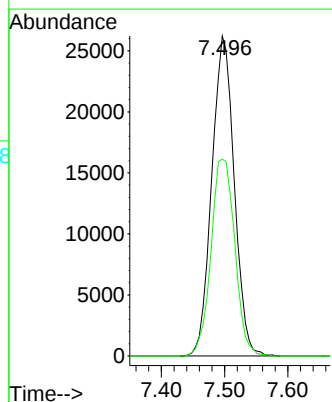
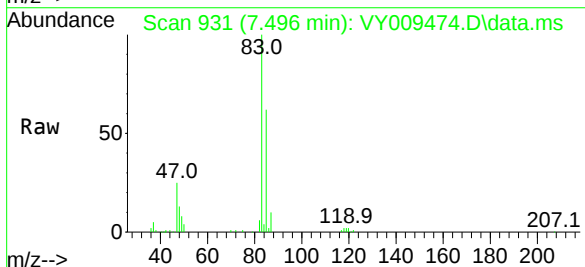
Acq: 07 Jul 2022 16:52

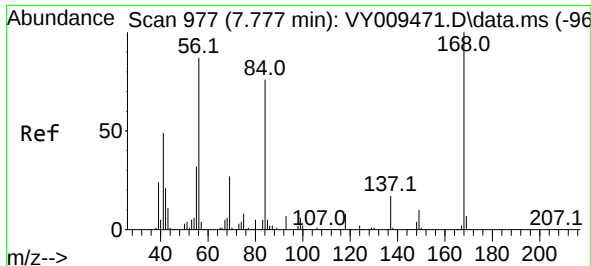
Tgt Ion: 83 Resp: 64503

Ion Ratio Lower Upper

83 100

85 61.5 51.8 77.6

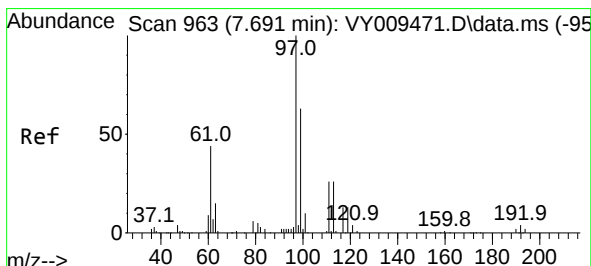
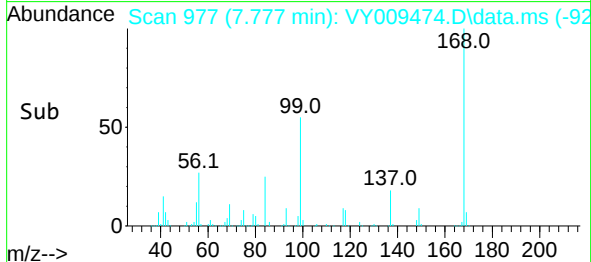
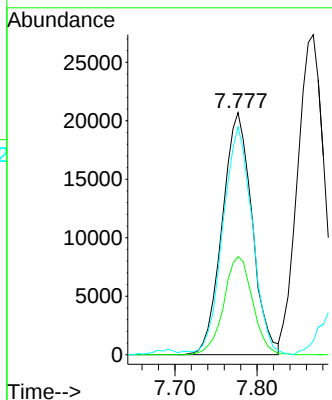
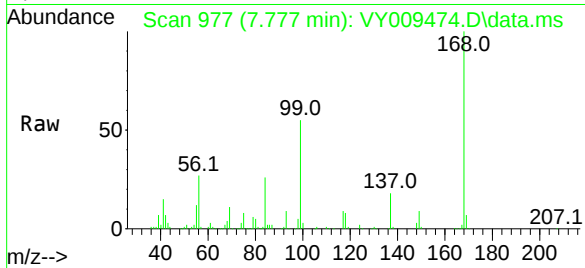




#31
Cyclohexane
Concen: 17.744 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

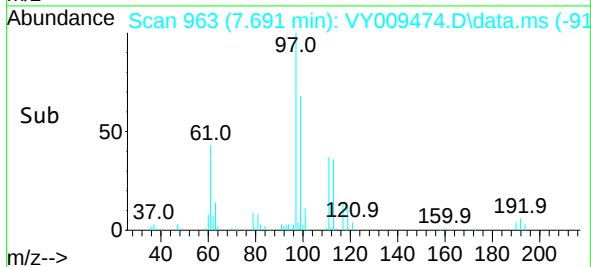
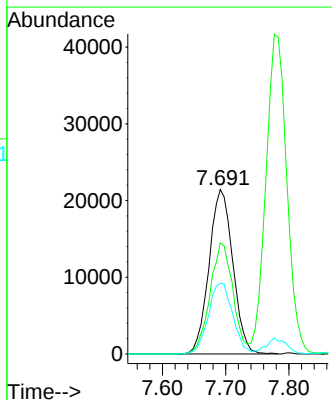
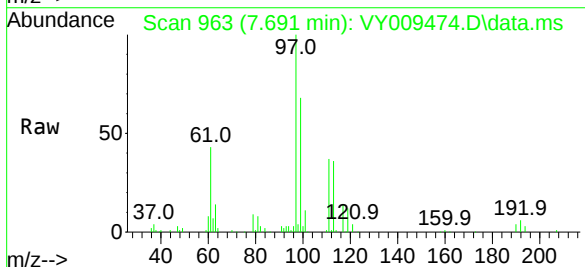
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

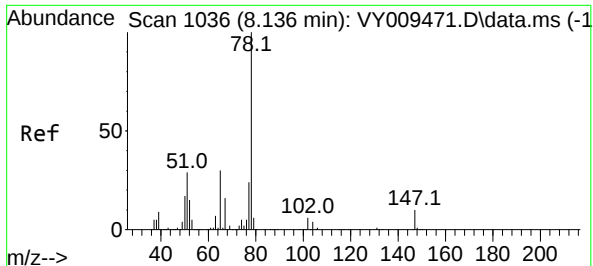
Tgt Ion: 56 Resp: 52180
Ion Ratio Lower Upper
56 100
69 40.5 26.7 40.1#
84 93.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.176 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 97 Resp: 55965
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 44.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 24.372 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

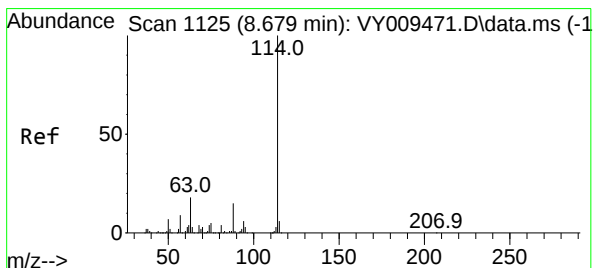
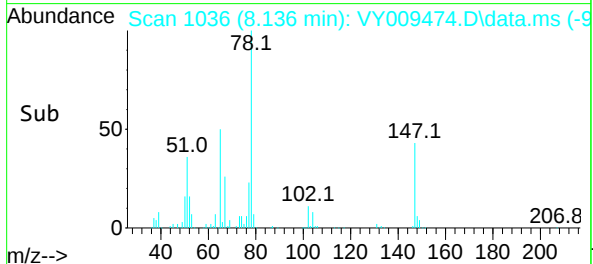
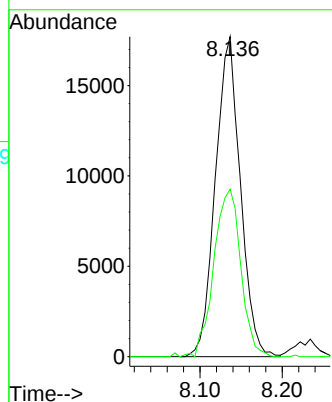
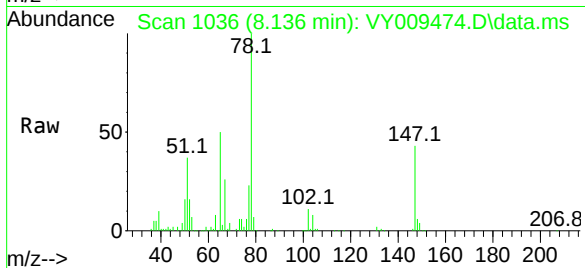
VSTDIC020

Tgt Ion: 65 Resp: 37344

Ion Ratio Lower Upper

65 100

67 56.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

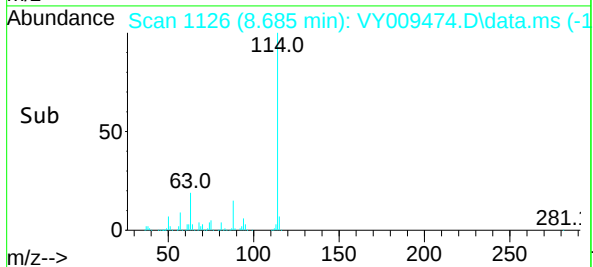
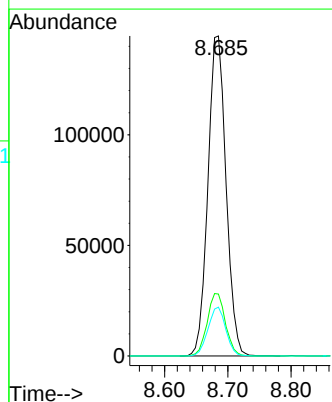
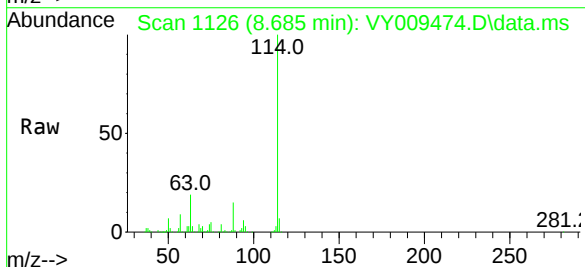
Tgt Ion:114 Resp: 288008

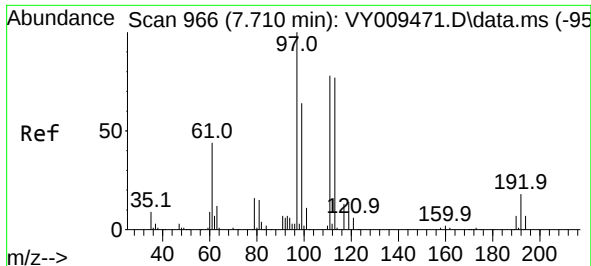
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.3 0.0 31.8

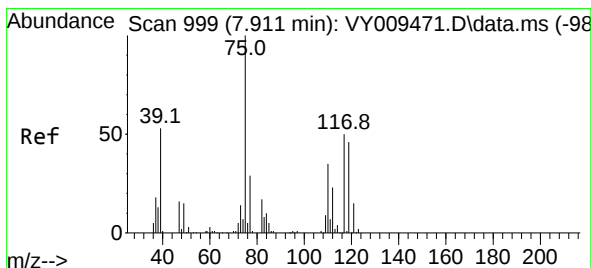
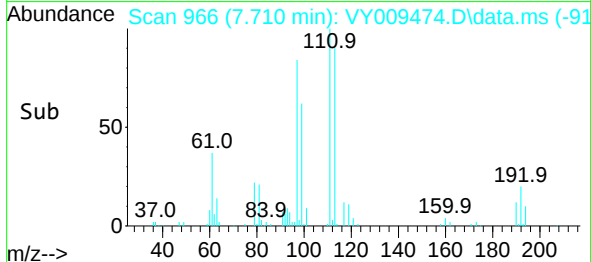
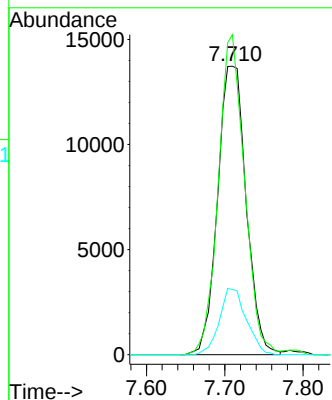
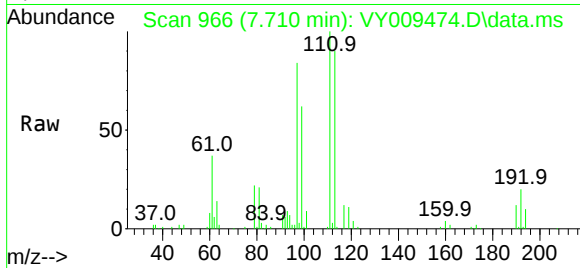




#35
Dibromofluoromethane
Concen: 22.972 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

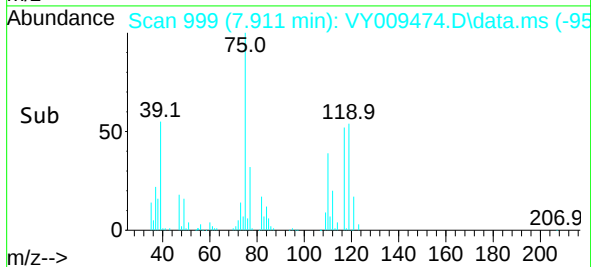
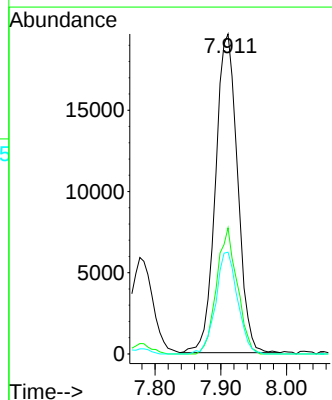
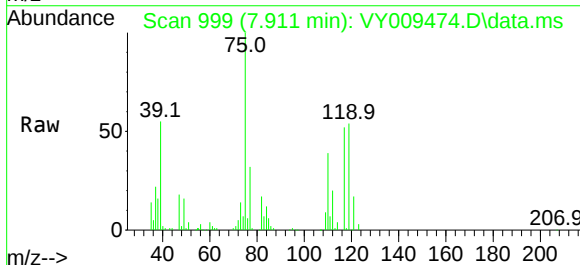
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

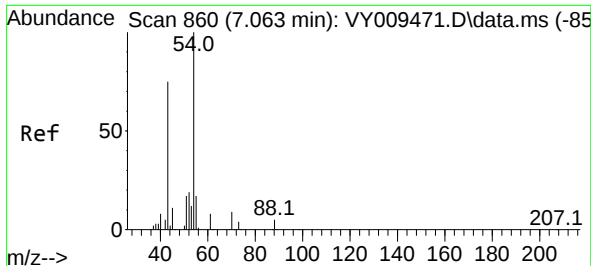
Tgt Ion:113 Resp: 34812
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.542 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 75 Resp: 45745
Ion Ratio Lower Upper
75 100
110 37.2 17.1 51.2
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 20.225 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

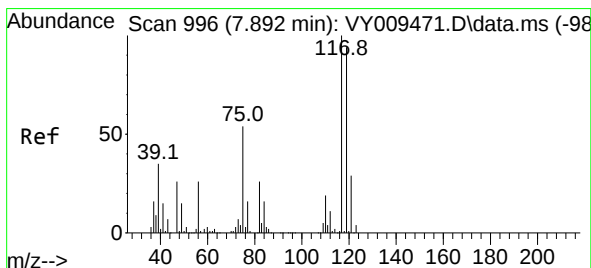
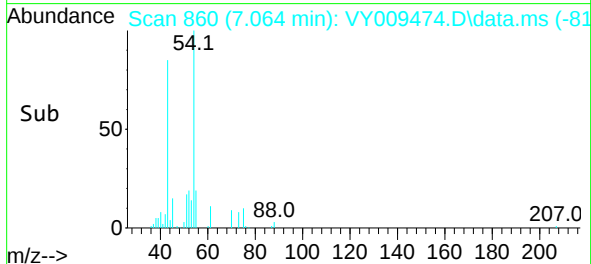
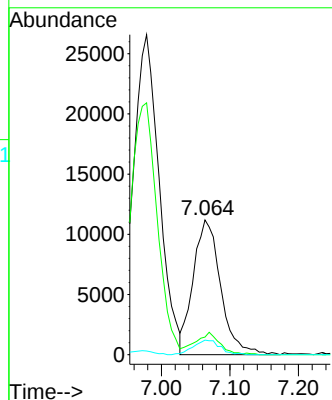
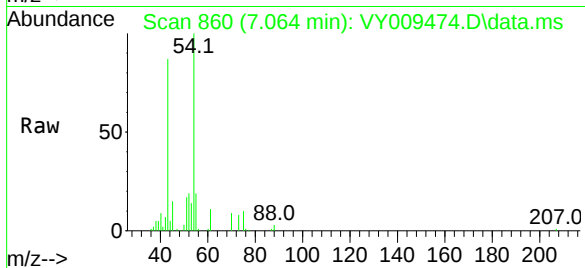
Tgt Ion: 43 Resp: 31278

Ion Ratio Lower Upper

43 100

61 14.5 9.7 14.5#

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.041 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

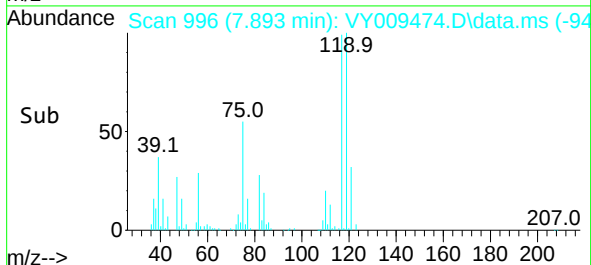
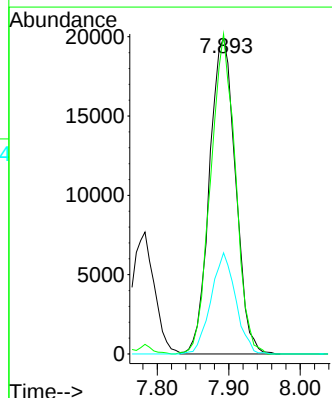
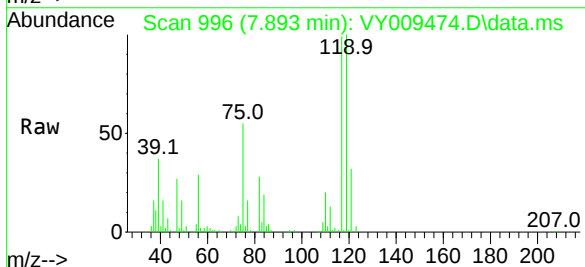
Tgt Ion: 117 Resp: 50240

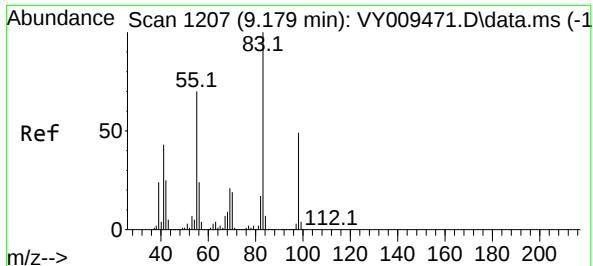
Ion Ratio Lower Upper

117 100

119 101.3 77.9 116.9

121 32.0 24.8 37.2





#39

Methylcyclohexane

Concen: 17.843 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

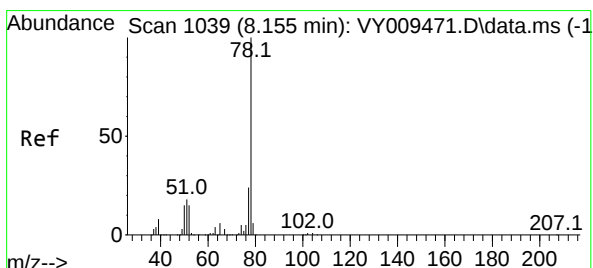
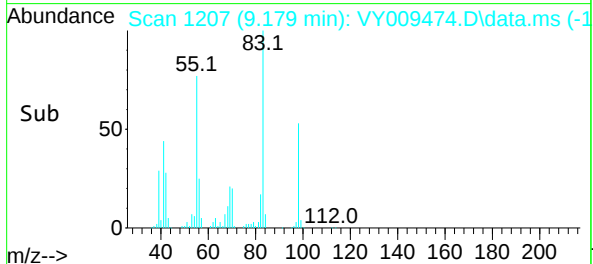
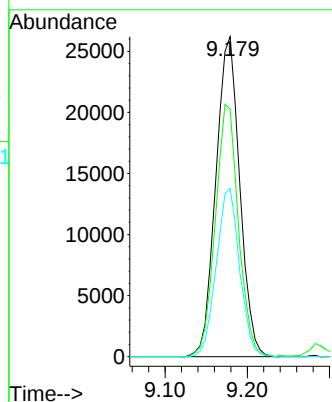
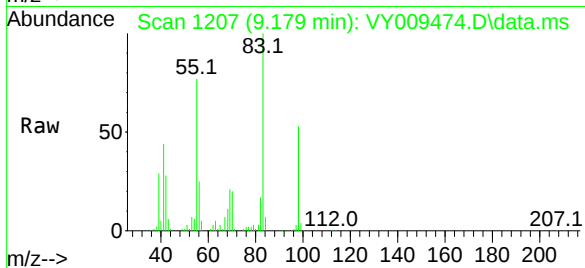
Tgt Ion: 83 Resp: 52841

Ion Ratio Lower Upper

83 100

55 77.4 66.5 99.7

98 52.6 37.9 56.9



#40

Benzene

Concen: 19.157 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009474.D

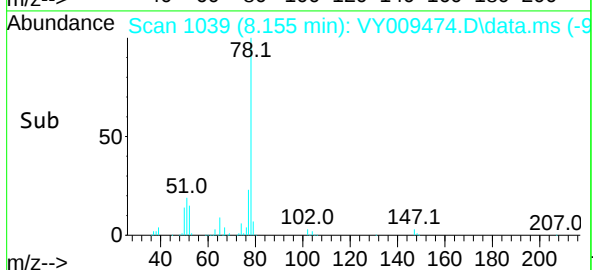
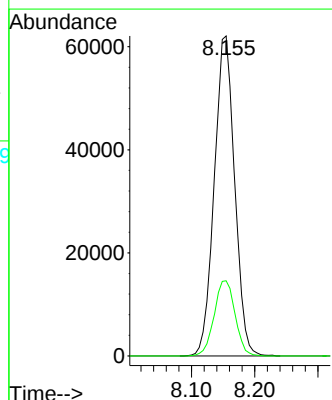
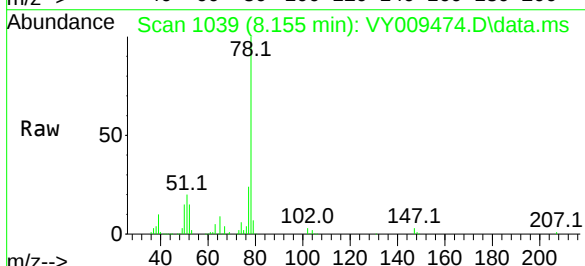
Acq: 07 Jul 2022 16:52

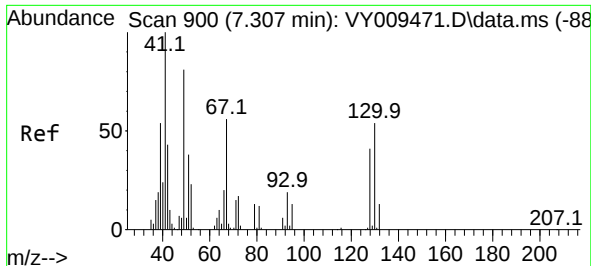
Tgt Ion: 78 Resp: 138789

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

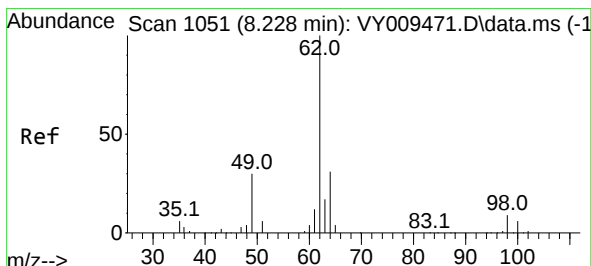
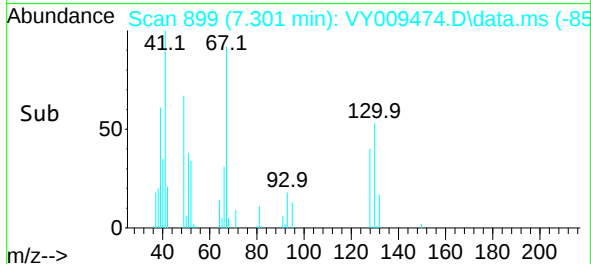
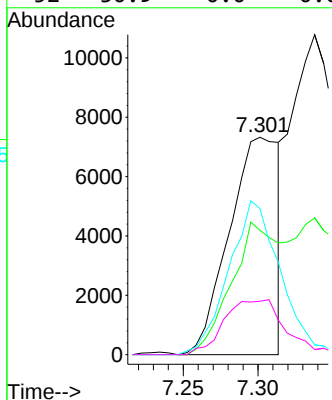
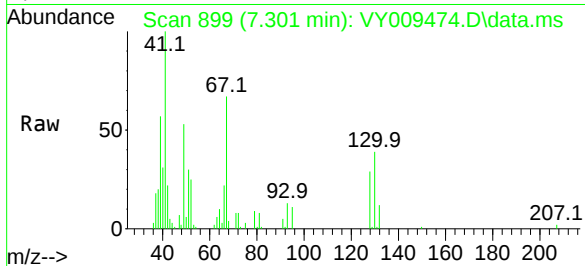




#41
Methacrylonitrile
Concen: 11.782 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

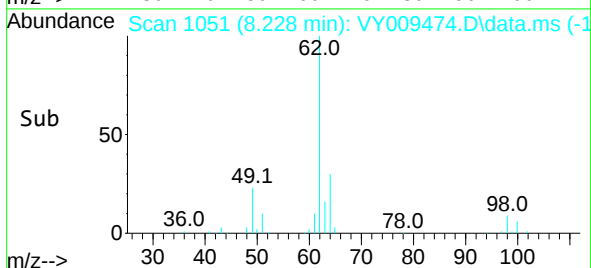
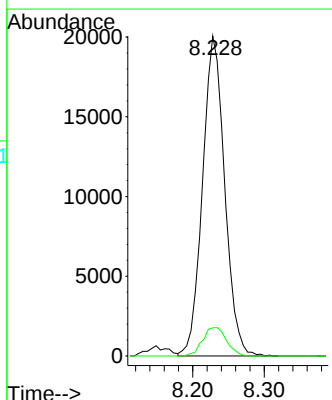
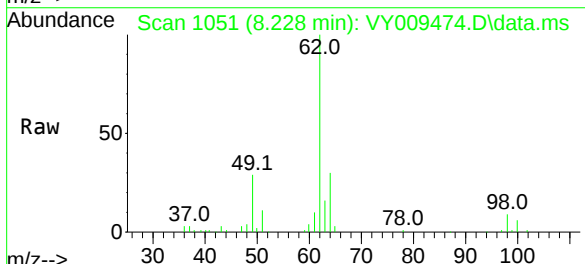
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

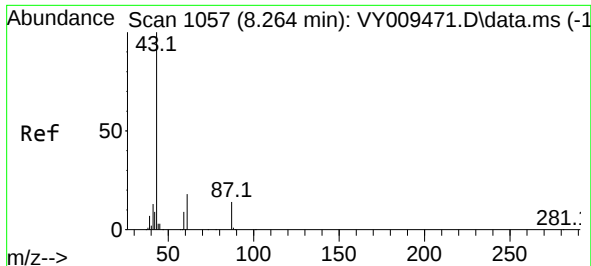
Tgt Ion: 41 Resp: 16945
Ion Ratio Lower Upper
41 100
39 55.3 92.9 139.3#
67 73.4 0.0 0.0#
52 30.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.837 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 62 Resp: 43146
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8

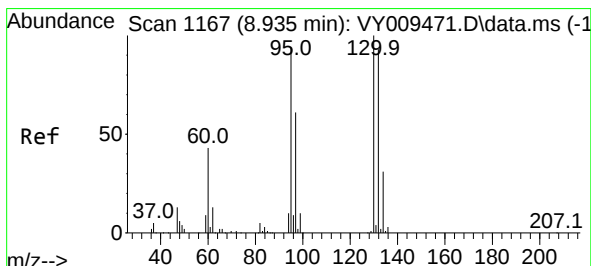
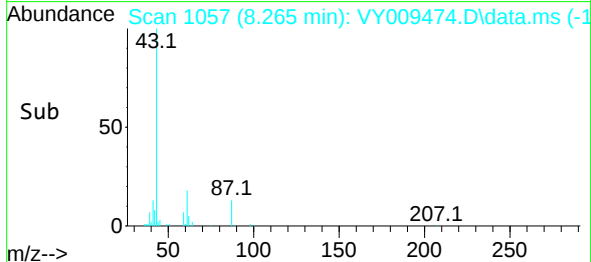
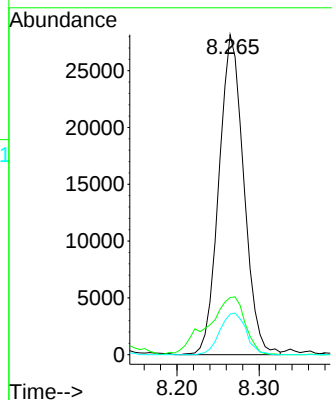
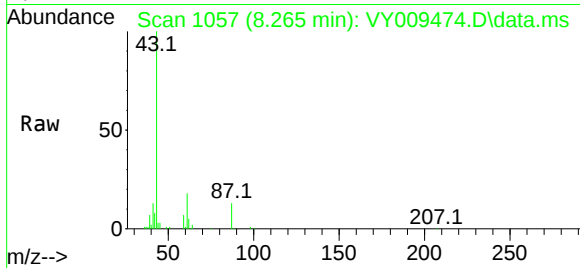




#43
Isopropyl Acetate
Concen: 20.524 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

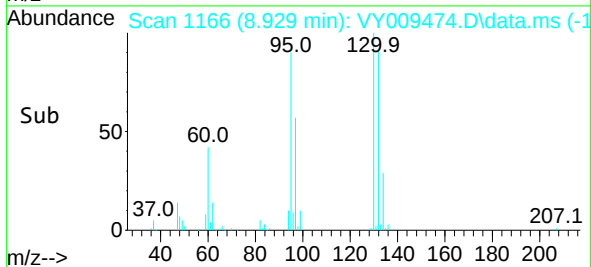
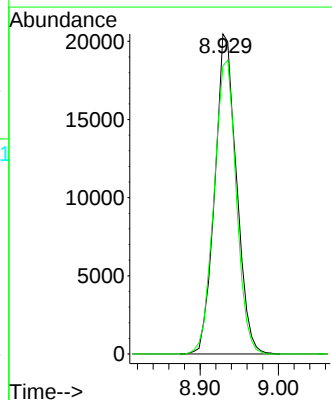
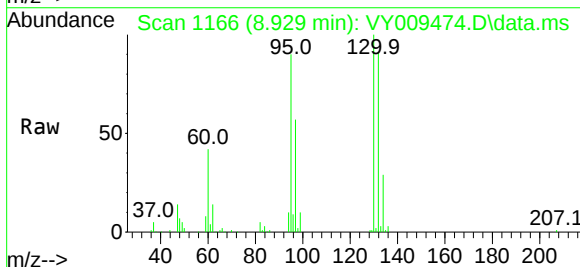
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

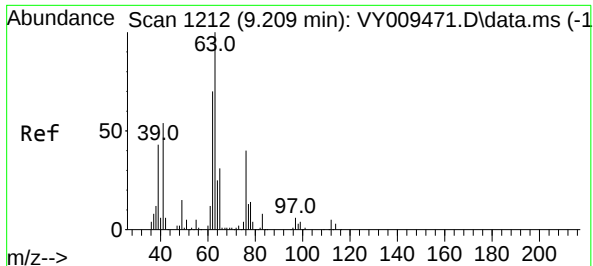
Tgt Ion: 43 Resp: 59223
Ion Ratio Lower Upper
43 100
61 27.4 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 19.262 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion:130 Resp: 39422
Ion Ratio Lower Upper
130 100
95 90.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.109 ug/l

RT: 9.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

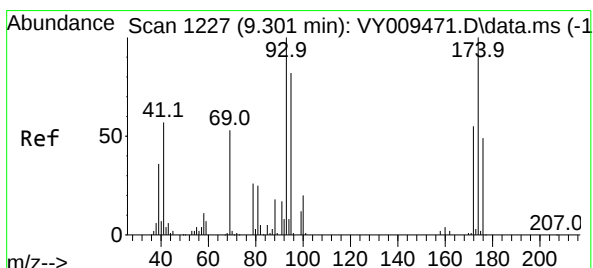
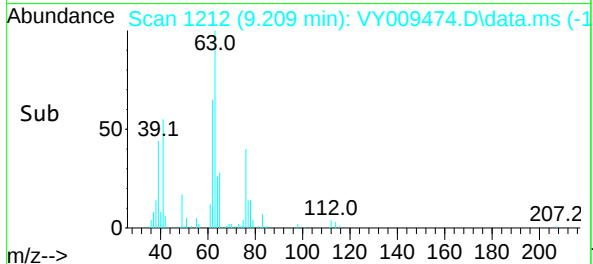
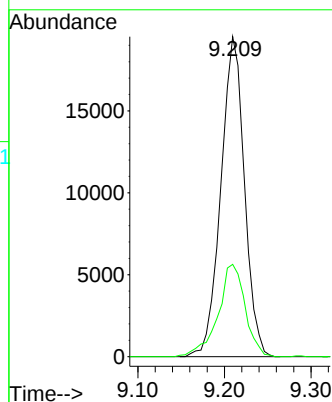
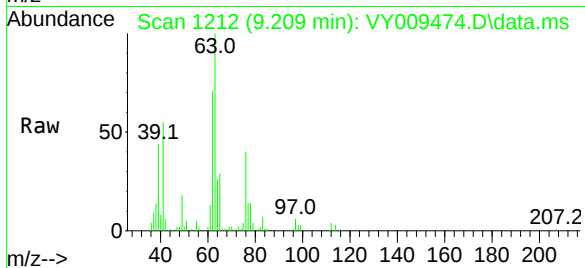
VSTDICC020

Tgt Ion: 63 Resp: 36868

Ion Ratio Lower Upper

63 100

65 28.9 23.0 34.6



#46

Dibromomethane

Concen: 20.074 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

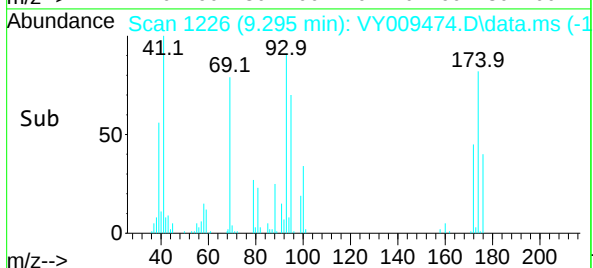
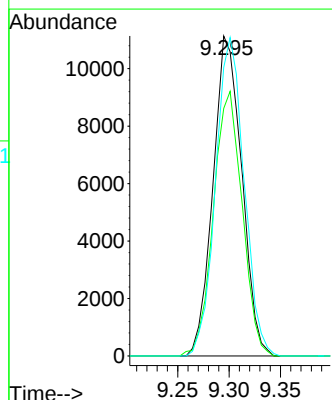
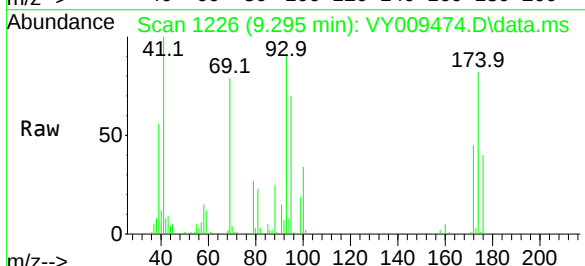
Tgt Ion: 93 Resp: 21601

Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 99.0 83.4 125.0

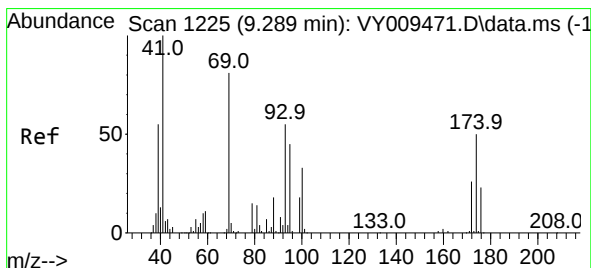
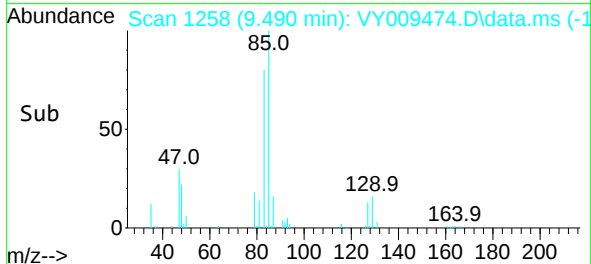
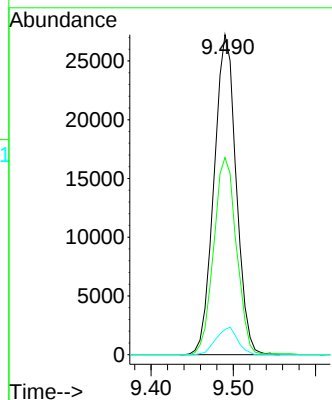
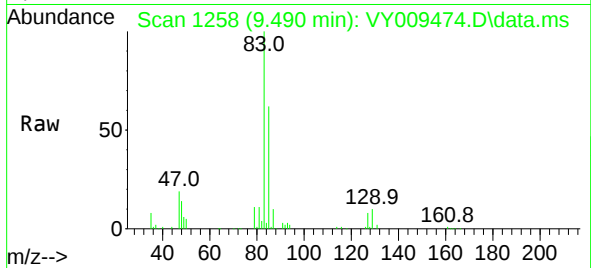




#47
Bromodichloromethane
Concen: 19.932 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

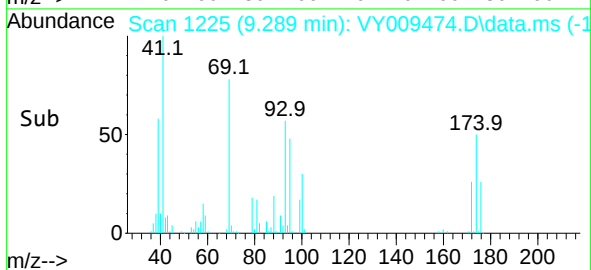
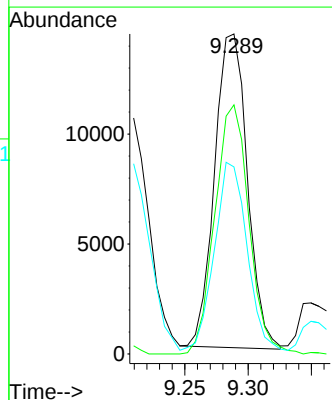
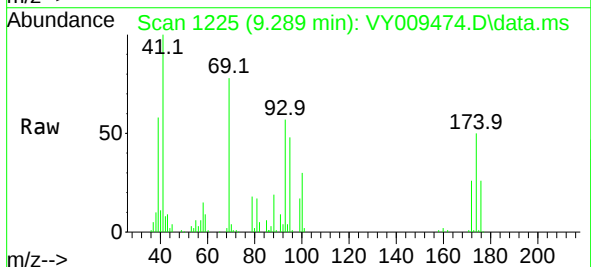
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

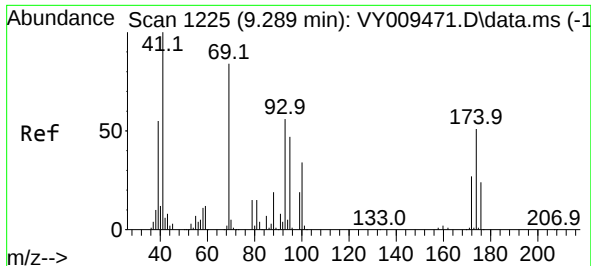
Tgt Ion: 83 Resp: 51051
Ion Ratio Lower Upper
83 100
85 61.6 51.9 77.9
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 20.666 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 41 Resp: 25692
Ion Ratio Lower Upper
41 100
69 82.8 58.2 87.2
39 62.4 47.4 71.0





#49

1,4-Dioxane

Concen: 413.957 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009474.D

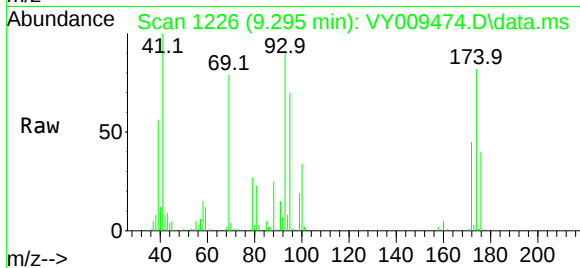
Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



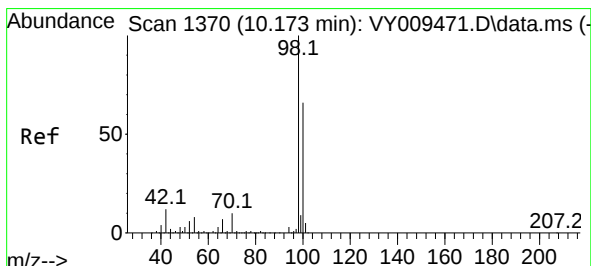
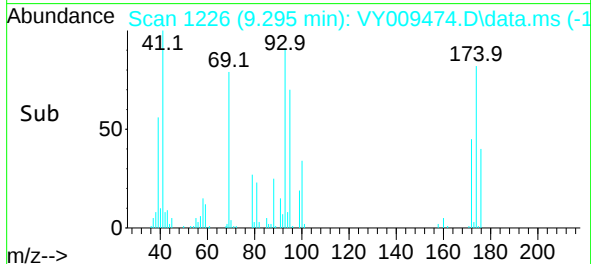
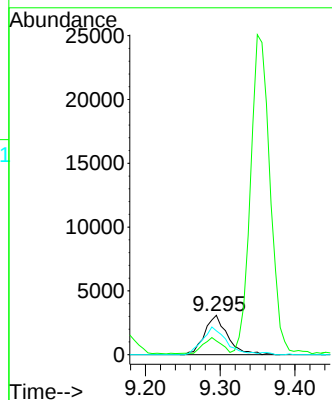
Tgt Ion: 88 Resp: 6560

Ion Ratio Lower Upper

88 100

43 35.6 32.8 49.2

58 73.1 59.8 89.6



#50

Toluene-d8

Concen: 26.584 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009474.D

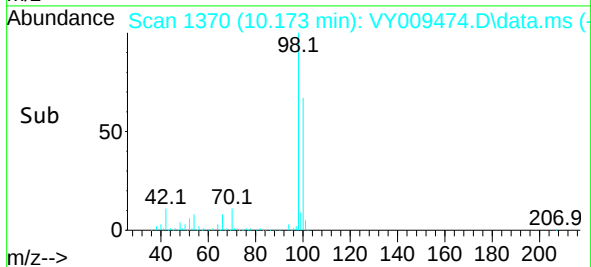
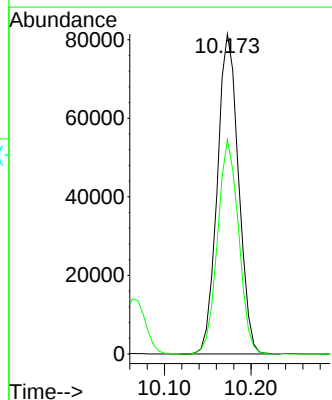
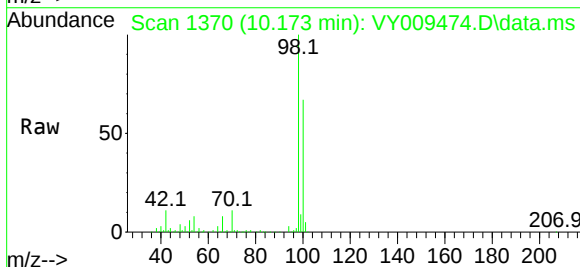
Acq: 07 Jul 2022 16:52

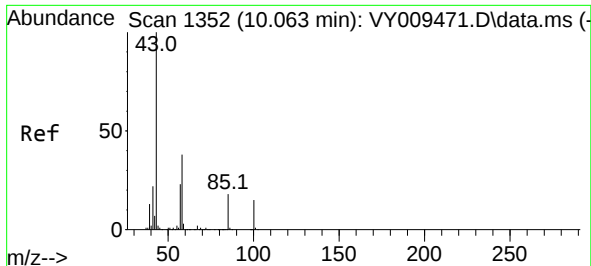
Tgt Ion: 98 Resp: 138398

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2

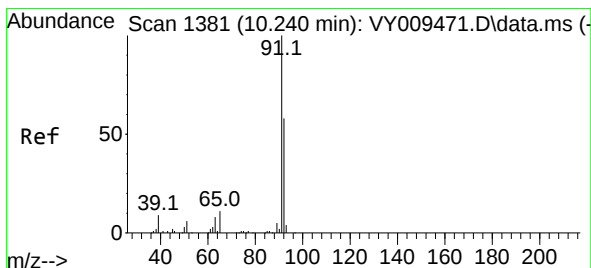
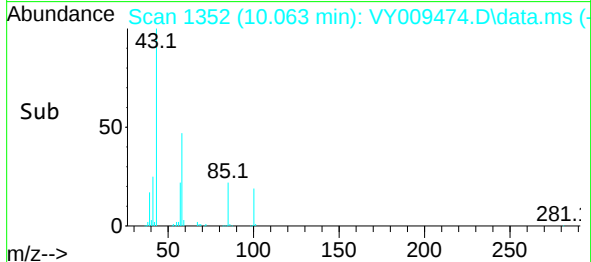
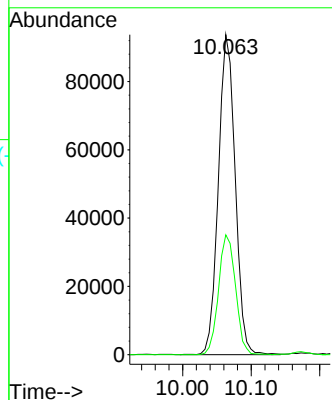
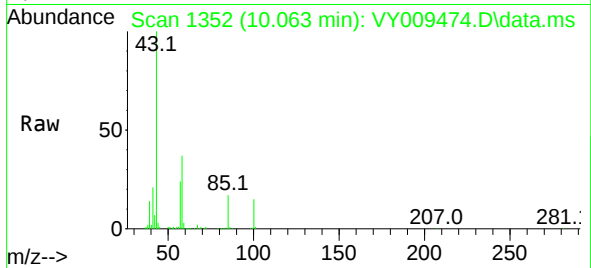




#51
4-Methyl-2-Pentanone
Concen: 104.985 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

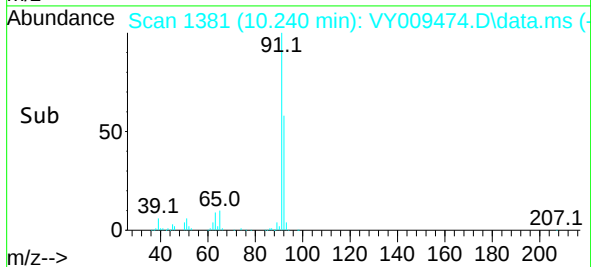
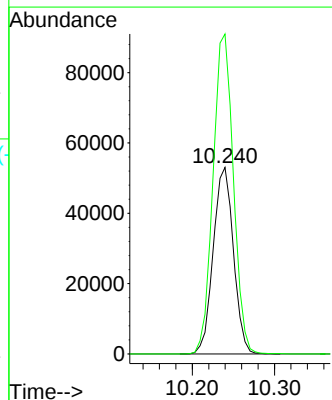
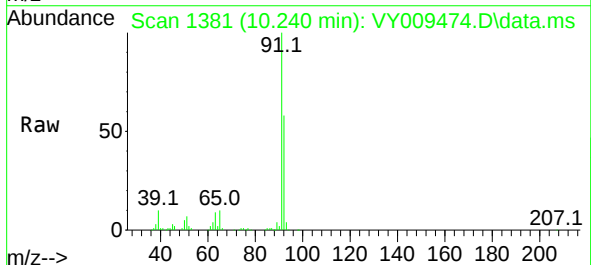
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

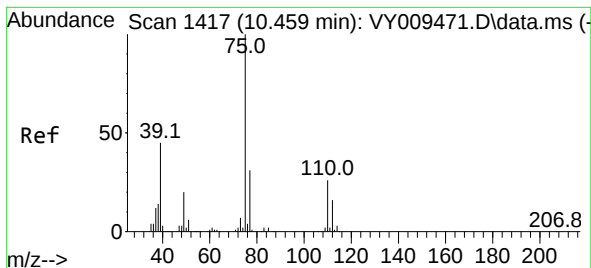
Tgt Ion: 43 Resp: 159312
Ion Ratio Lower Upper
43 100
58 37.8 28.1 42.1



#52
Toluene
Concen: 19.624 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 92 Resp: 90595
Ion Ratio Lower Upper
92 100
91 172.8 142.6 213.8

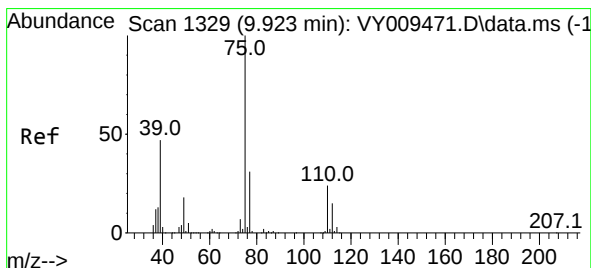
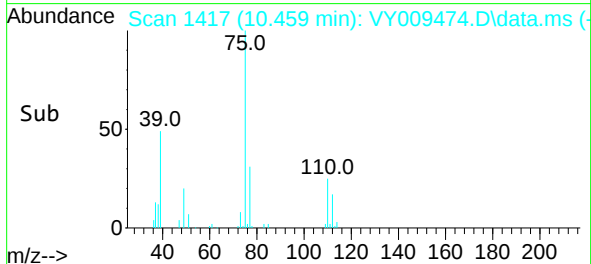
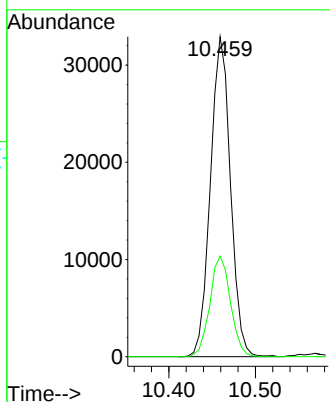
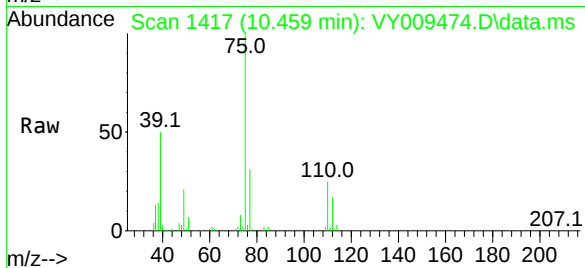




#53
t-1,3-Dichloropropene
Concen: 19.599 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

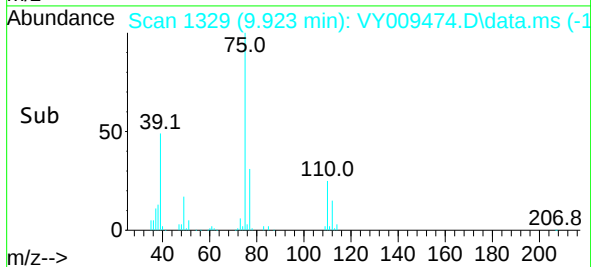
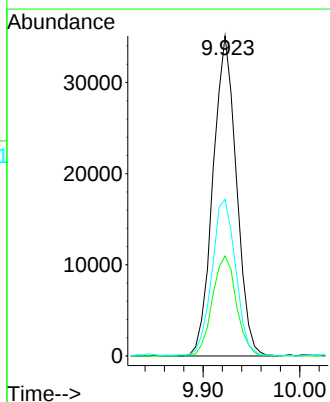
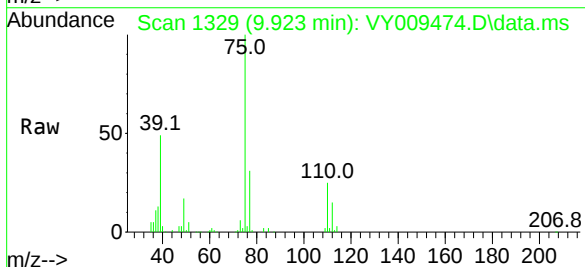
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

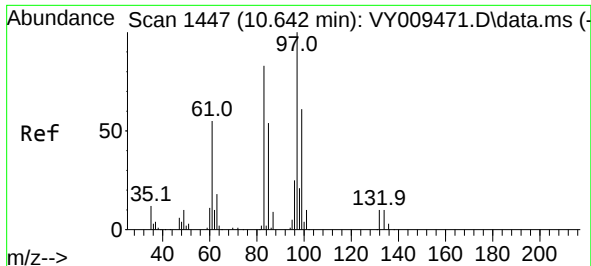
Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.586 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 75 Resp: 58946
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 49.0 47.6 71.4

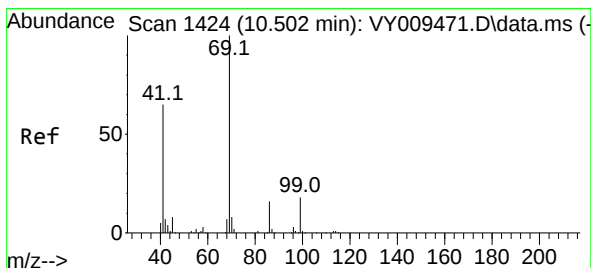
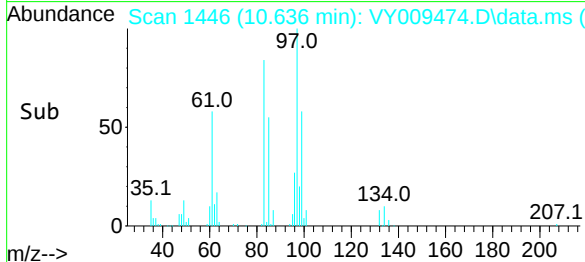
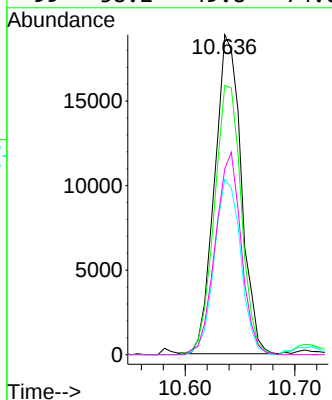
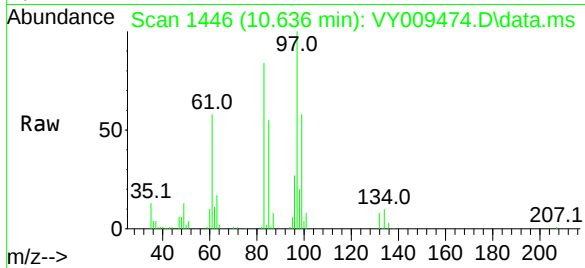




#55
1,1,2-Trichloroethane
Concen: 20.504 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

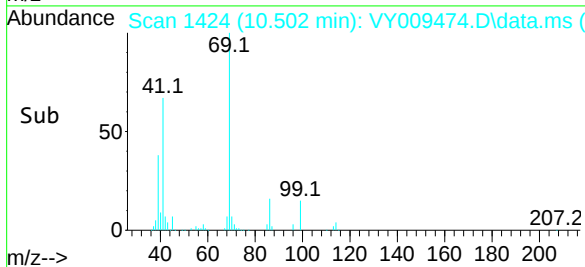
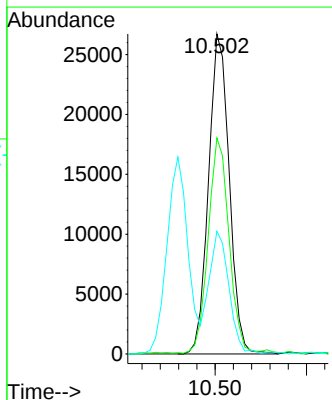
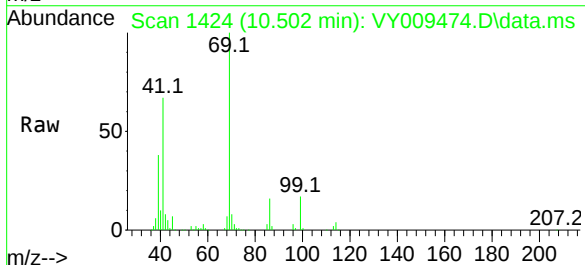
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

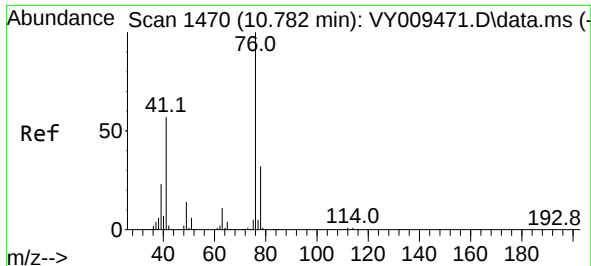
Tgt Ion: 97	Resp: 31830
Ion Ratio	Lower Upper
97 100	
83 84.4	69.8 104.8
85 54.9	44.3 66.5
99 58.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 20.377 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 69	Resp: 41997
Ion Ratio	Lower Upper
69 100	
41 67.1	63.4 95.0
39 36.5	35.8 53.8





#57

1,3-Dichloropropane

Concen: 20.472 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

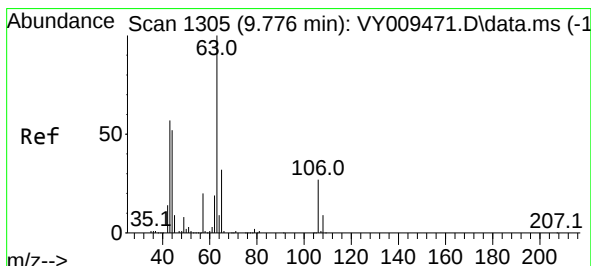
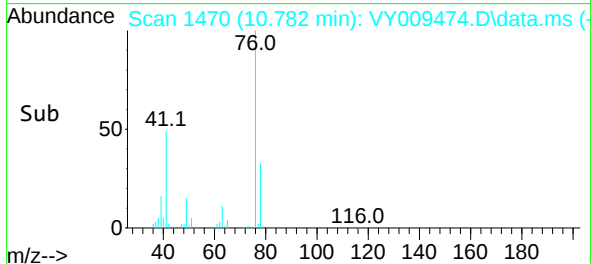
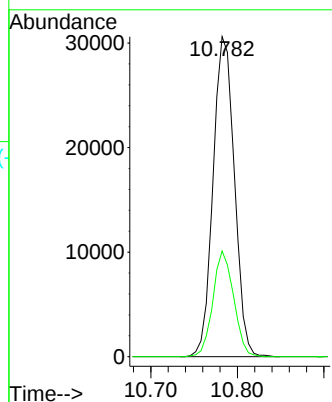
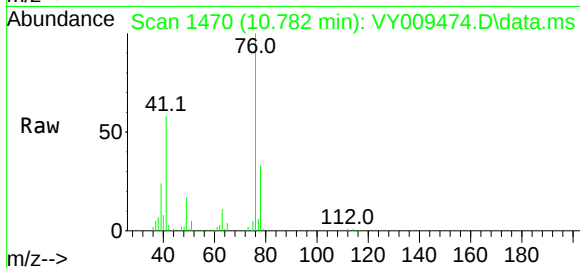
VSTDICC020

Tgt Ion: 76 Resp: 52392

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.540 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009474.D

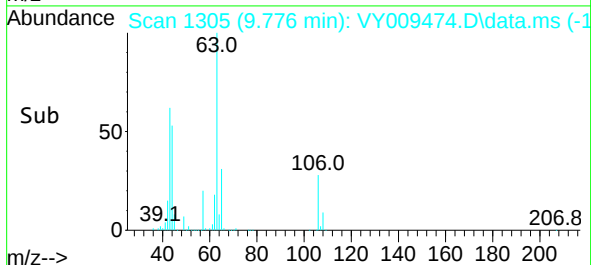
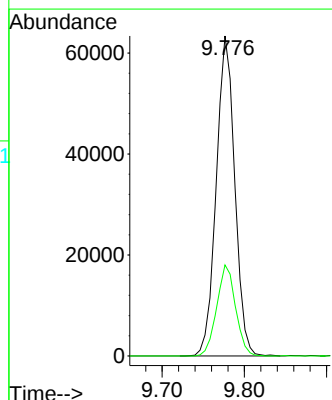
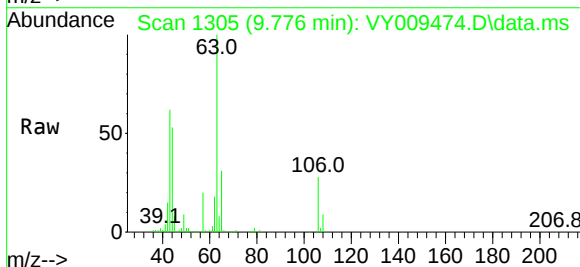
Acq: 07 Jul 2022 16:52

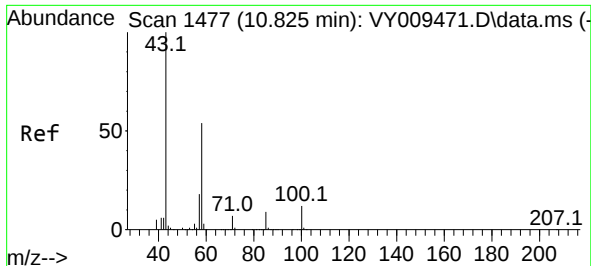
Tgt Ion: 63 Resp: 99212

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3





#59

2-Hexanone

Concen: 104.870 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

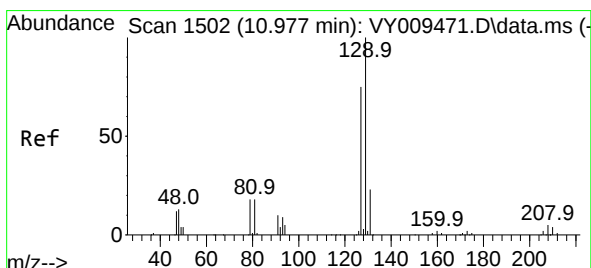
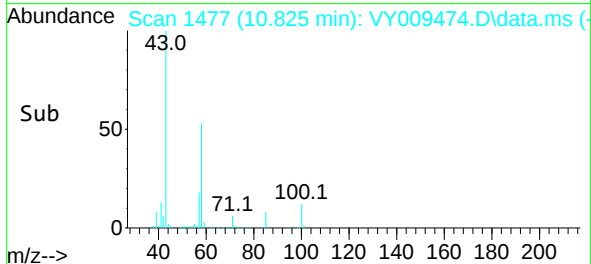
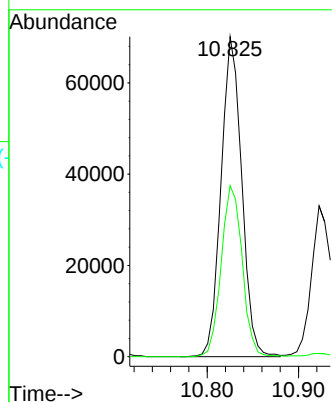
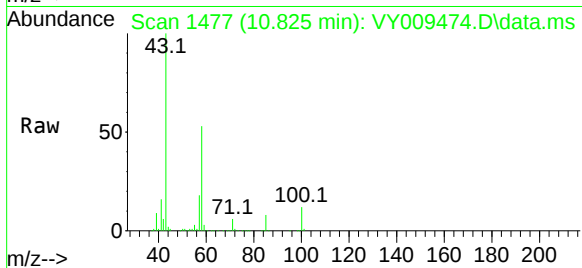
VSTDIC020

Tgt Ion: 43 Resp: 110271

Ion Ratio Lower Upper

43 100

58 54.2 24.4 73.4



#60

Dibromochloromethane

Concen: 19.928 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY009474.D

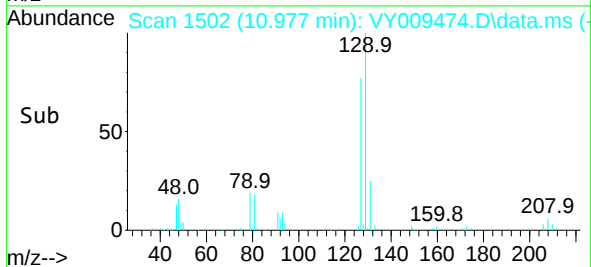
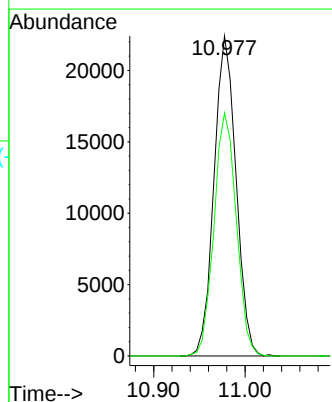
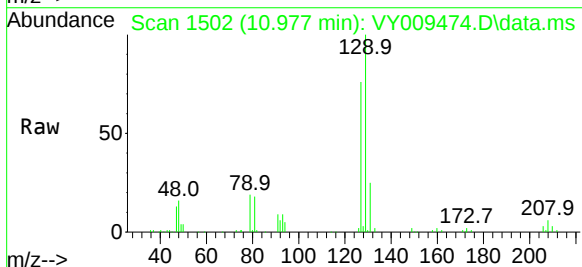
Acq: 07 Jul 2022 16:52

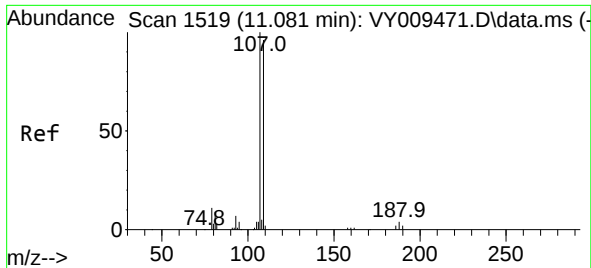
Tgt Ion: 129 Resp: 37463

Ion Ratio Lower Upper

129 100

127 77.1 38.7 116.1

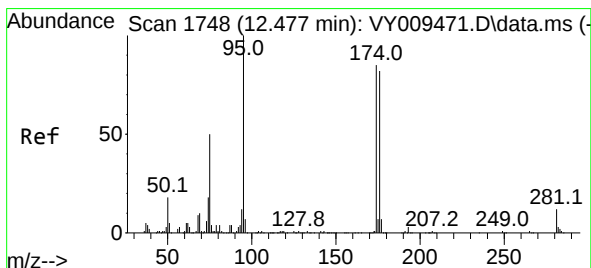
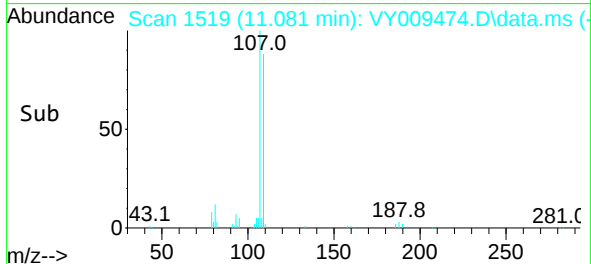
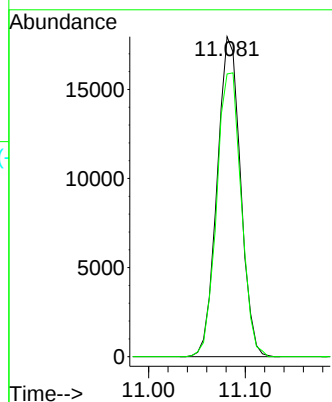
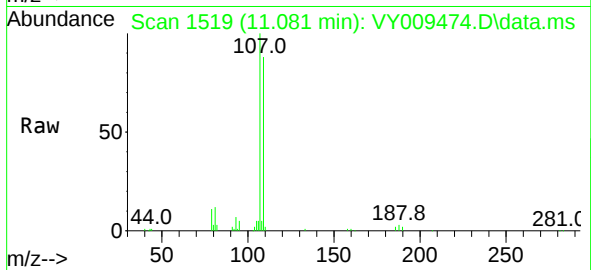




#61
1,2-Dibromoethane
Concen: 20.211 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

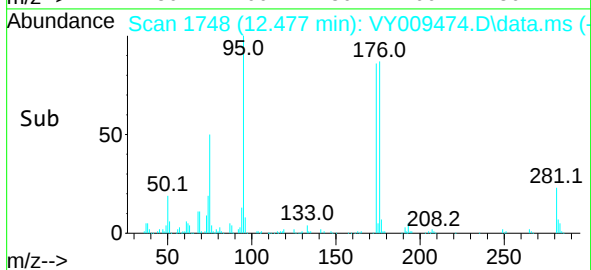
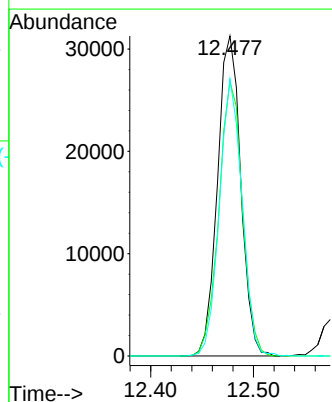
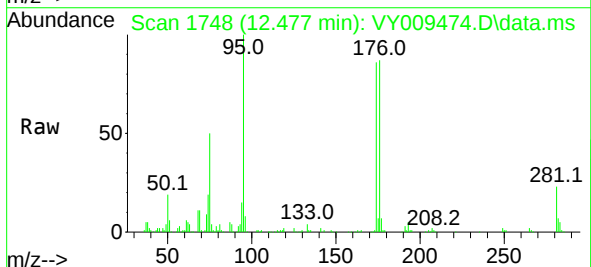
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

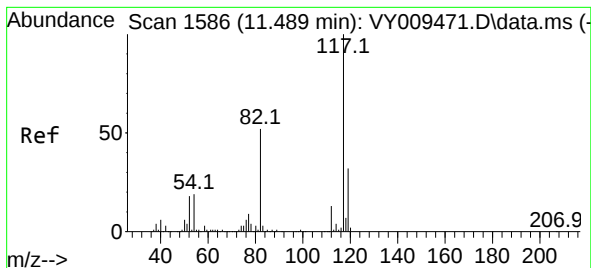
Tgt Ion:107 Resp: 30079
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 22.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 95 Resp: 49156
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

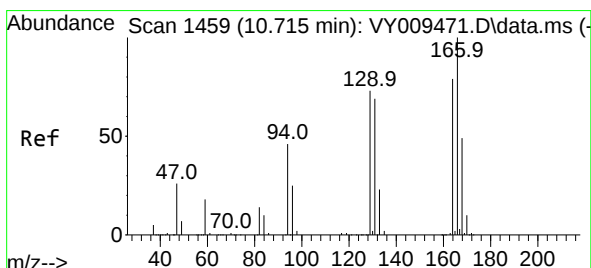
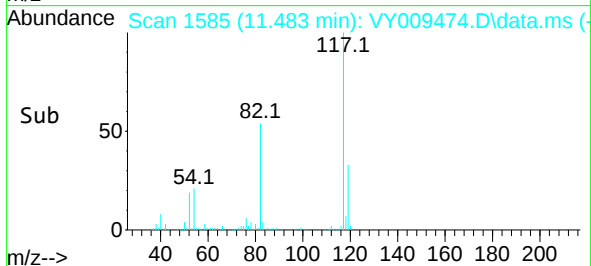
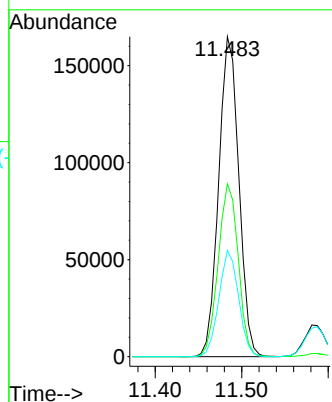
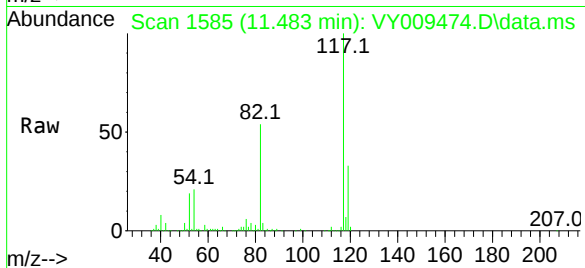
Tgt Ion:117 Resp: 266911

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 33.2 25.4 38.0



#64

Tetrachloroethene

Concen: 18.875 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Tgt Ion:164 Resp: 42121

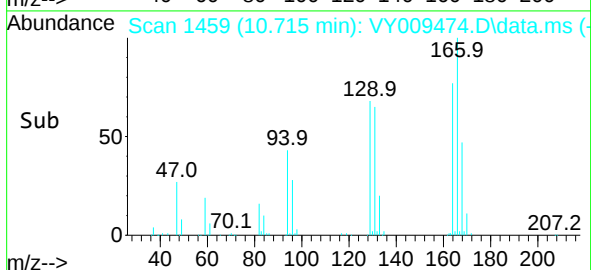
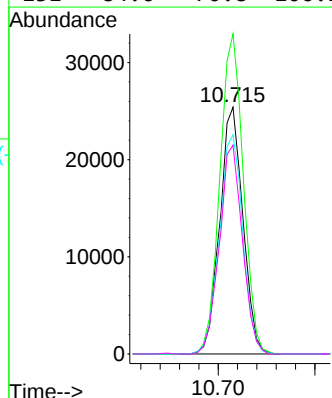
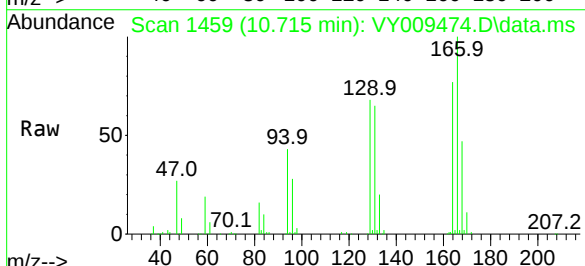
Ion Ratio Lower Upper

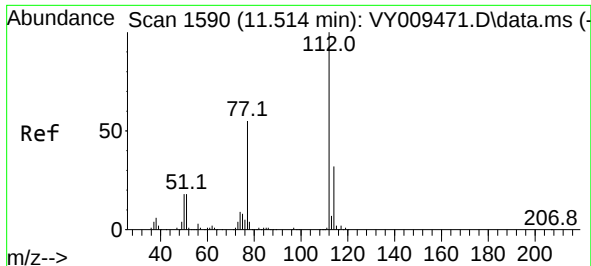
164 100

166 129.7 100.4 150.6

129 88.8 71.4 107.0

131 84.6 70.8 106.2

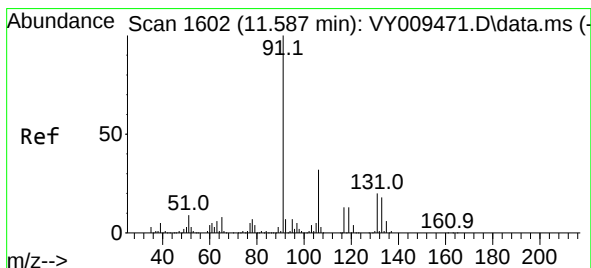
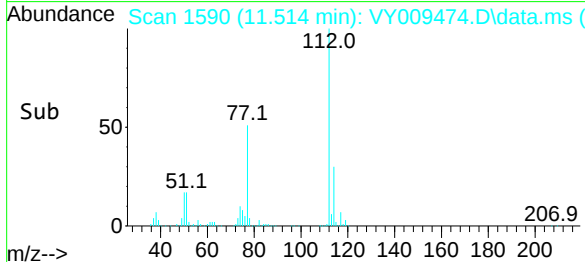
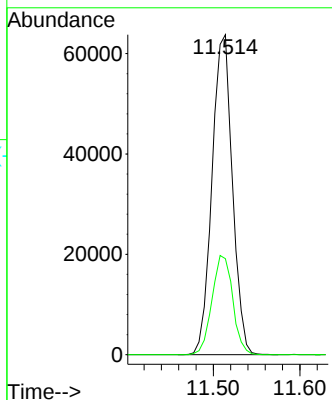
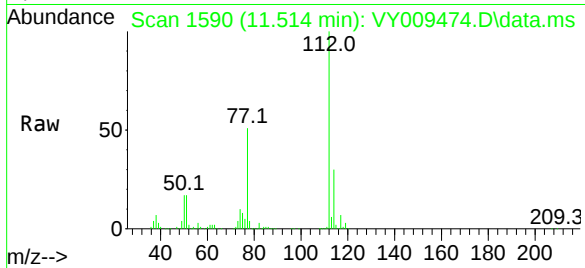




#65
Chlorobenzene
Concen: 19.855 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

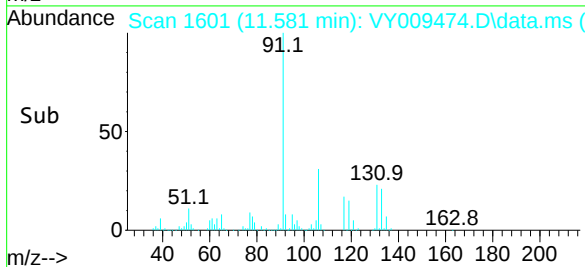
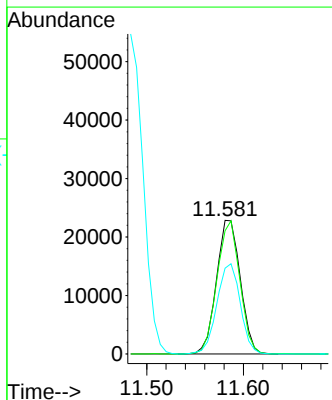
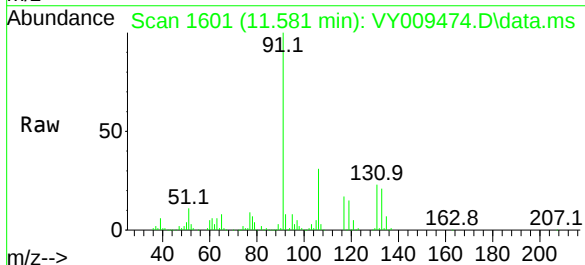
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

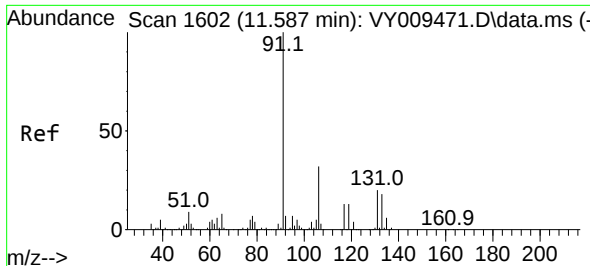
Tgt Ion:112 Resp: 104083
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.830 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion:131 Resp: 39103
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 66.2 30.8 92.3

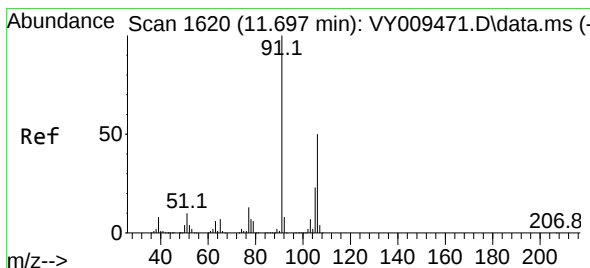
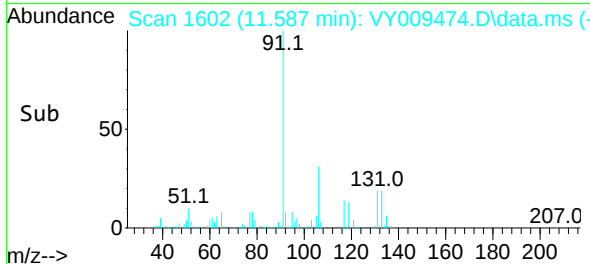
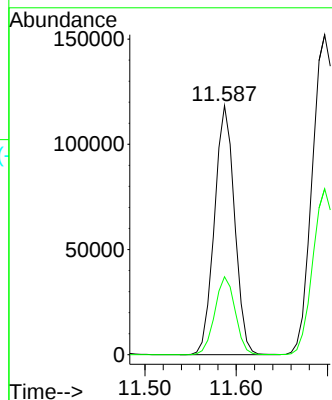
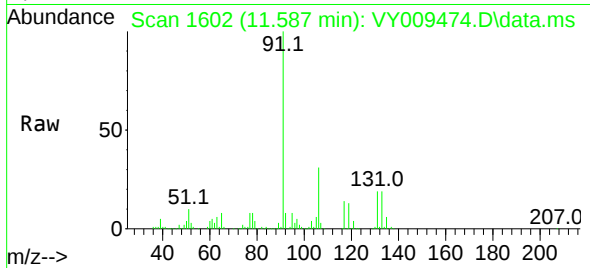




#67
Ethyl Benzene
Concen: 19.818 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

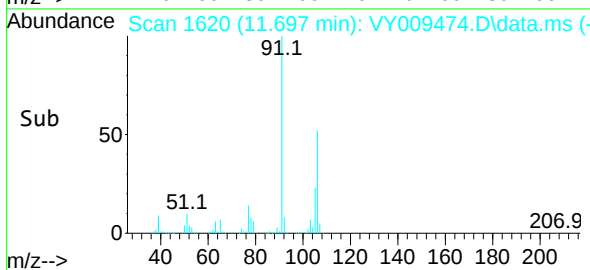
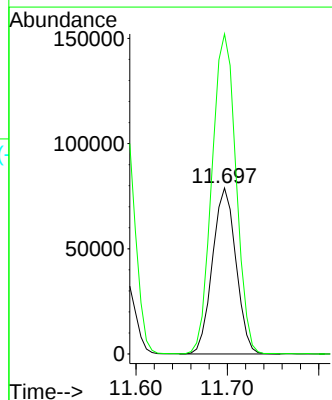
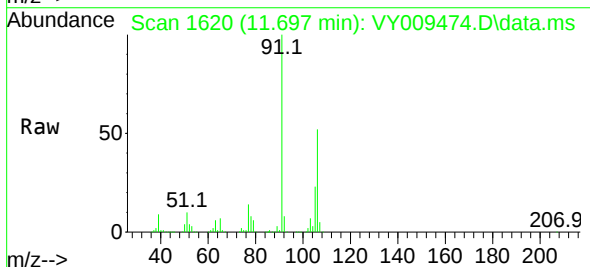
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

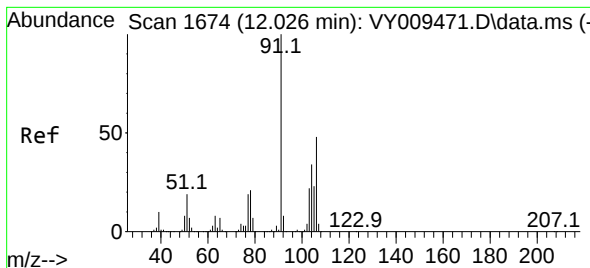
Tgt Ion: 91 Resp: 181371
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 39.442 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 106 Resp: 140774
Ion Ratio Lower Upper
106 100
91 197.8 166.6 249.8





#69

o-Xylene

Concen: 20.100 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

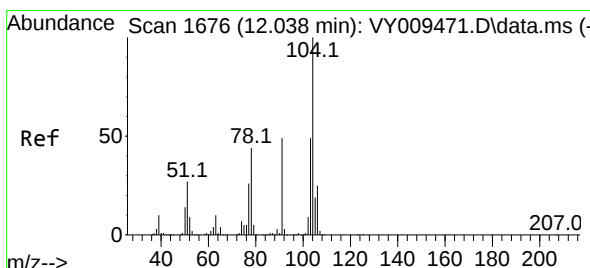
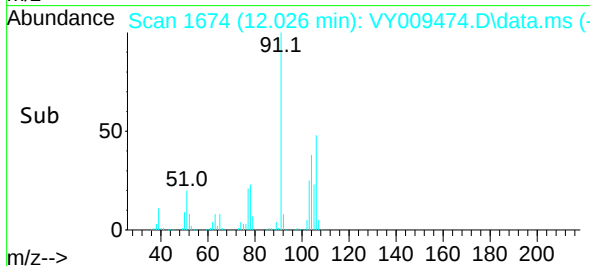
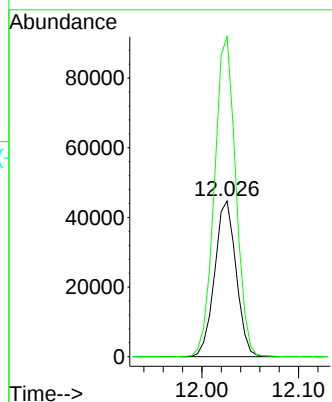
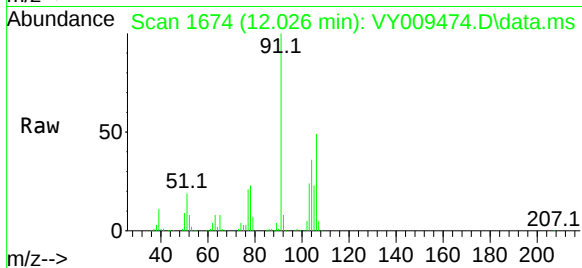
VSTDIC020

Tgt Ion:106 Resp: 68766

Ion Ratio Lower Upper

106 100

91 205.0 110.3 331.0



#70

Styrene

Concen: 20.273 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

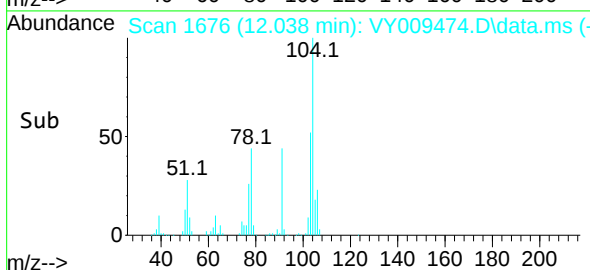
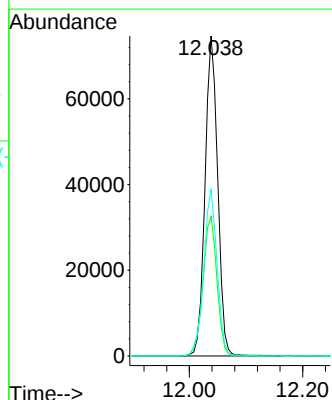
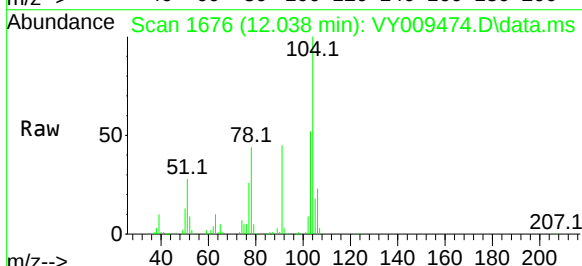
Tgt Ion:104 Resp: 115847

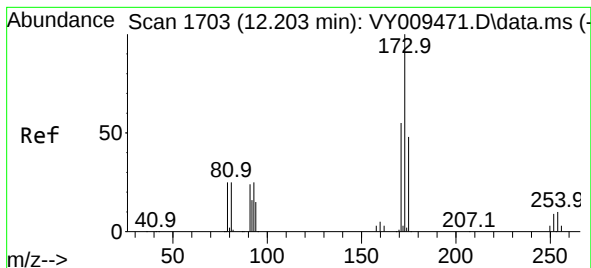
Ion Ratio Lower Upper

104 100

78 47.8 42.4 63.6

103 54.7 44.4 66.6





#71

Bromoform

Concen: 20.103 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

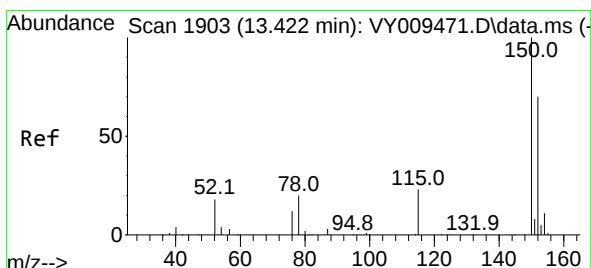
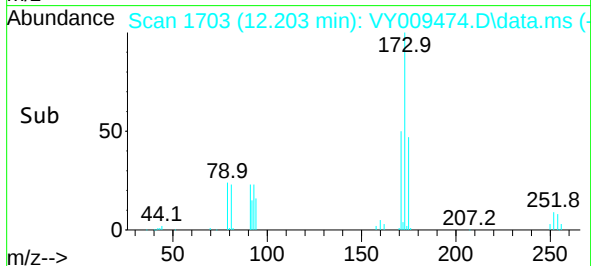
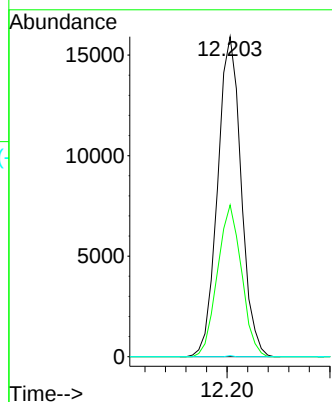
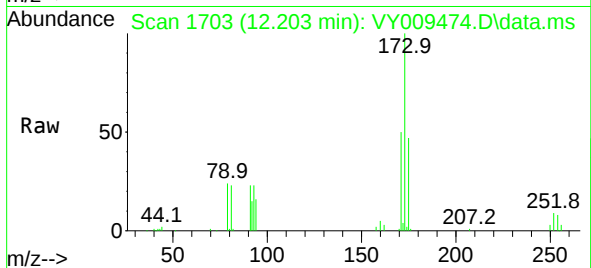
Tgt Ion:173 Resp: 25266

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.1 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: VY009474.D

Acq: 07 Jul 2022 16:52

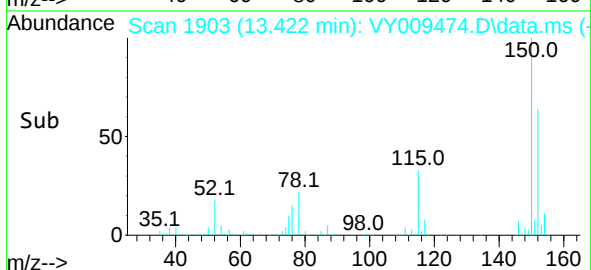
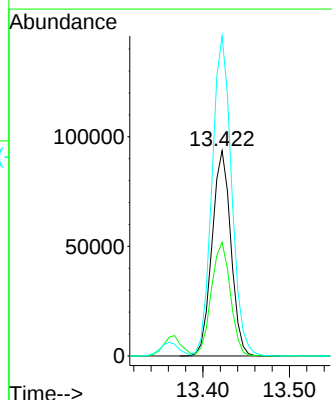
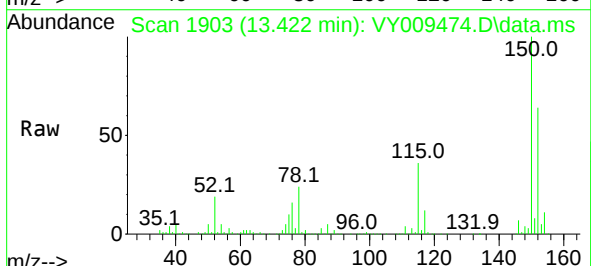
Tgt Ion:152 Resp: 141309

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 161.8 0.0 347.6

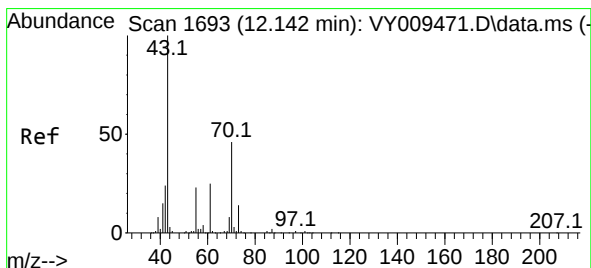
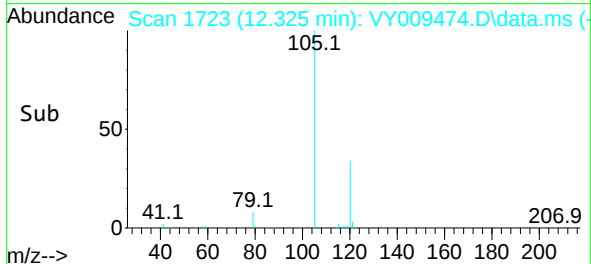
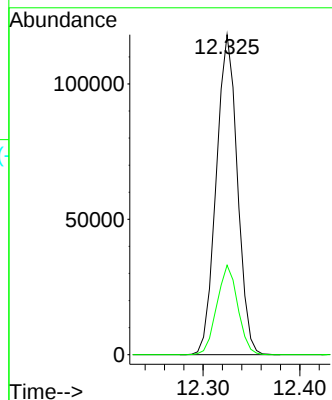
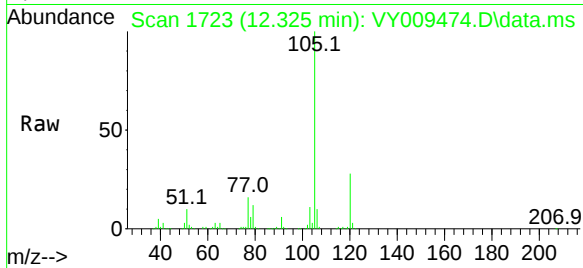




#73
Isopropylbenzene
Concen: 18.557 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

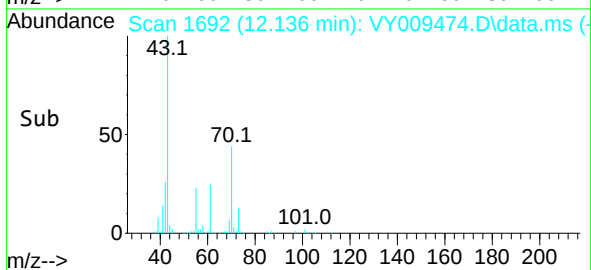
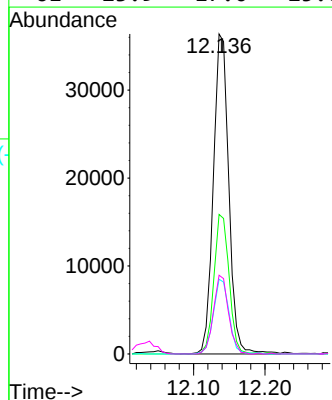
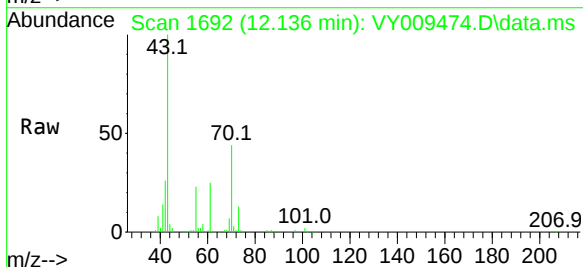
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

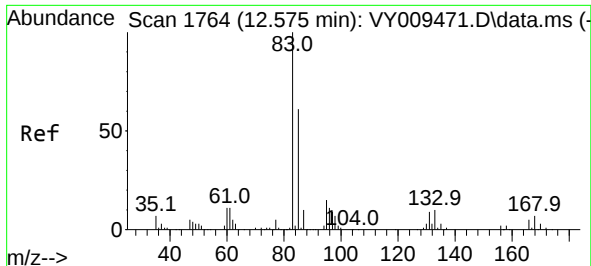
Tgt Ion:105 Resp: 179334
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 19.844 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 43 Resp: 54563
Ion Ratio Lower Upper
43 100
70 42.7 28.7 43.1
55 23.6 17.3 25.9
61 23.9 17.0 25.6

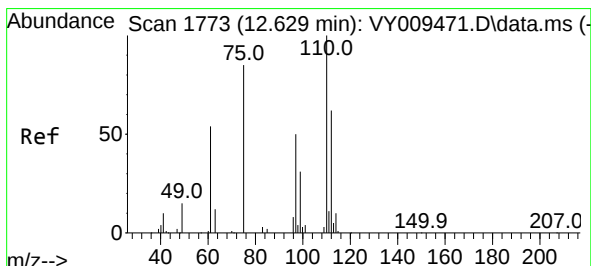
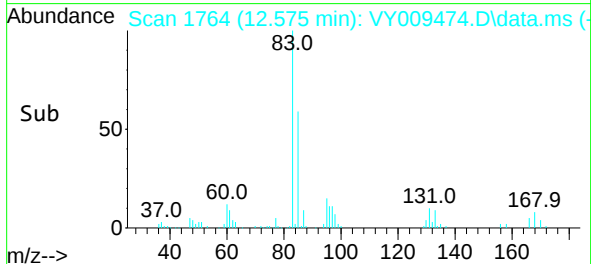
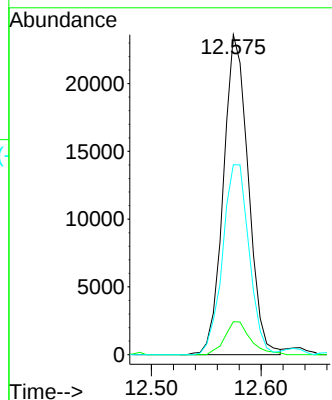
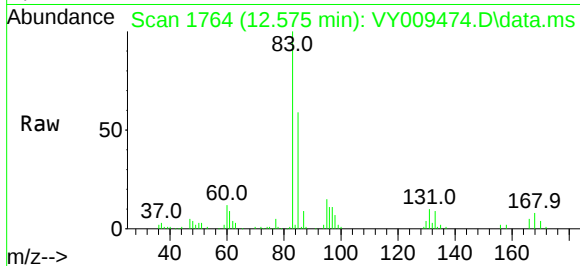




#75
1,1,2,2-Tetrachloroethane
Concen: 19.195 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

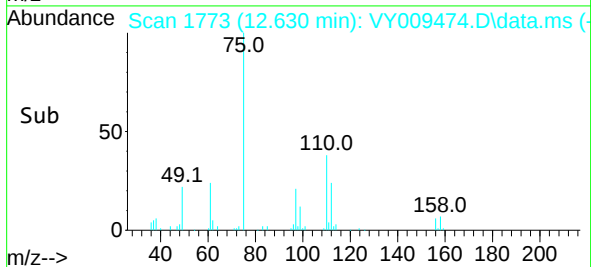
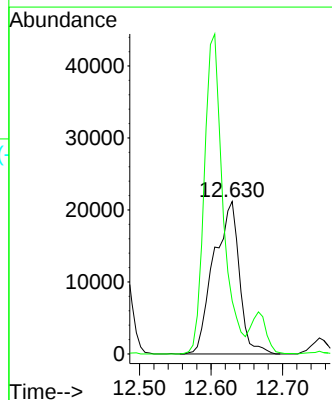
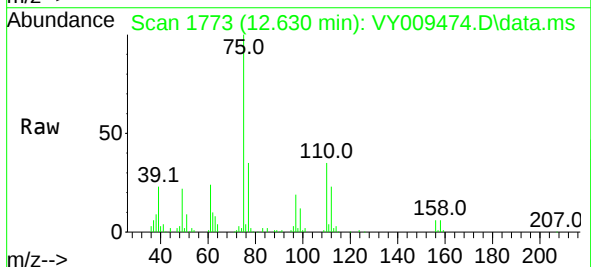
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

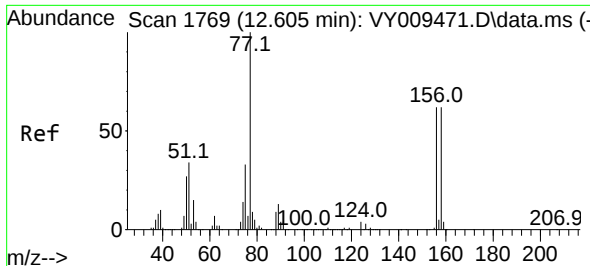
Tgt Ion: 83 Resp: 37142
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 63.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 21.138 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 75 Resp: 52683
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

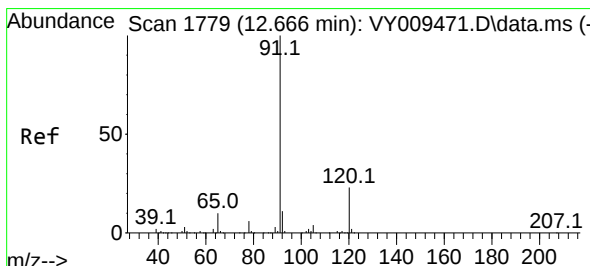
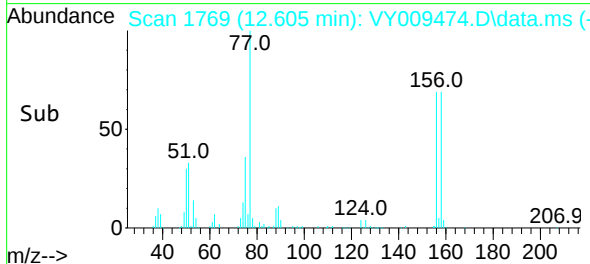
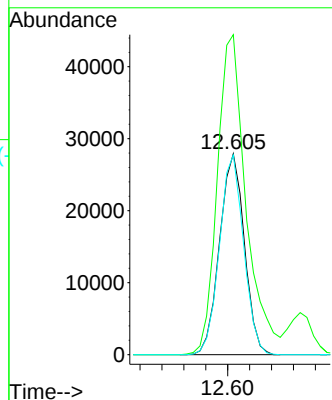
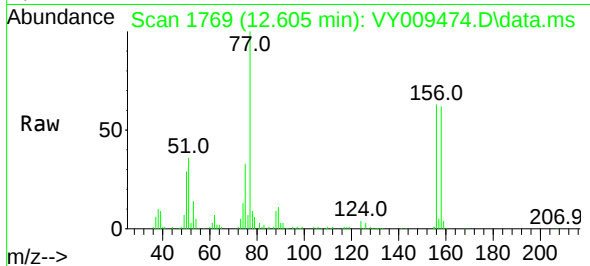




#77
Bromobenzene
Concen: 18.629 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

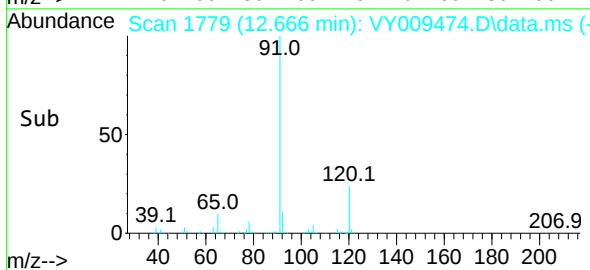
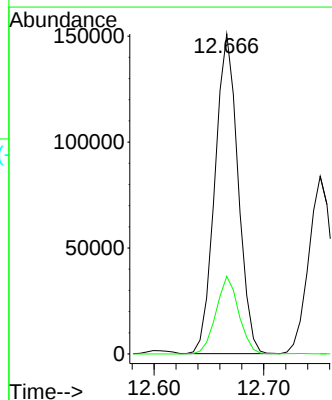
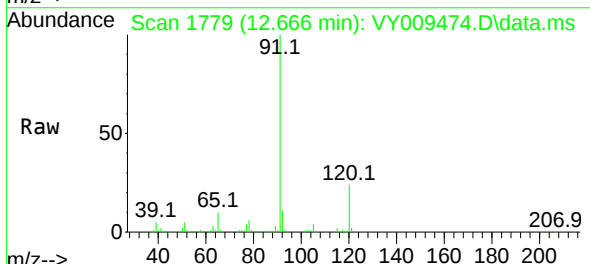
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

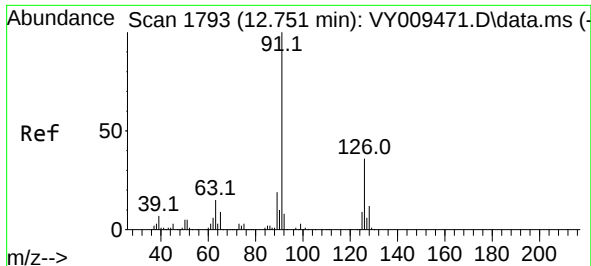
Tgt Ion:156 Resp: 43829
Ion Ratio Lower Upper
156 100
77 184.5 95.5 286.4
158 97.0 48.0 144.0



#78
n-propylbenzene
Concen: 18.894 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 91 Resp: 220599
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9

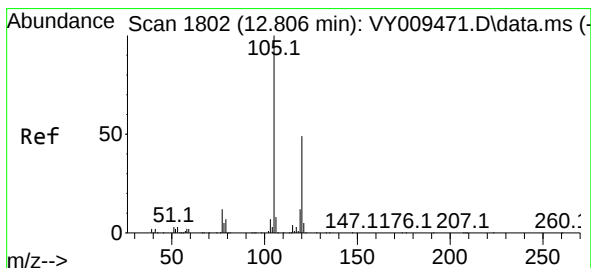
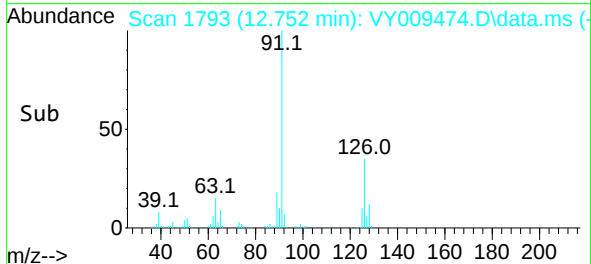
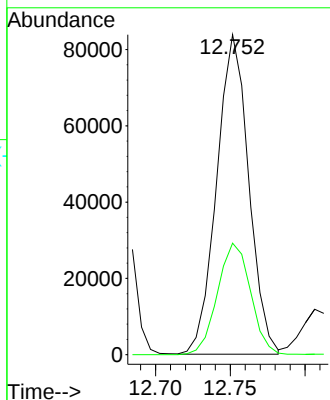
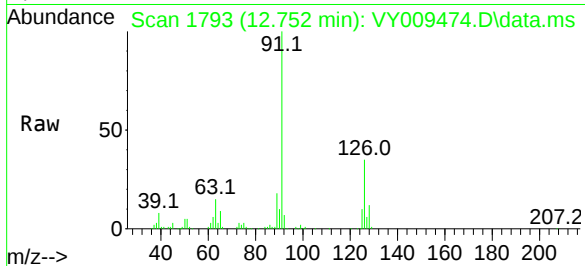




#79
2-Chlorotoluene
Concen: 19.074 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

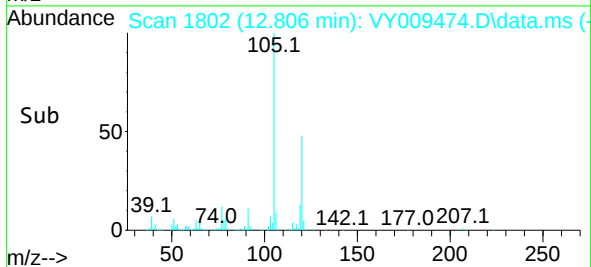
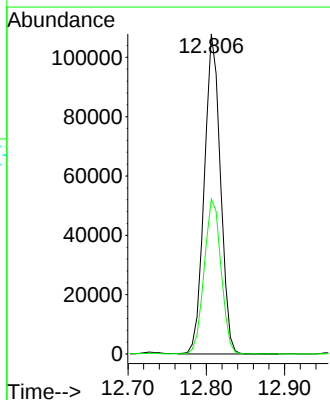
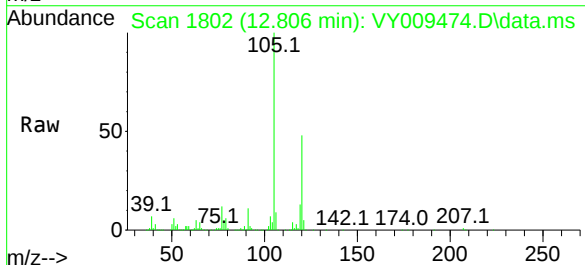
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

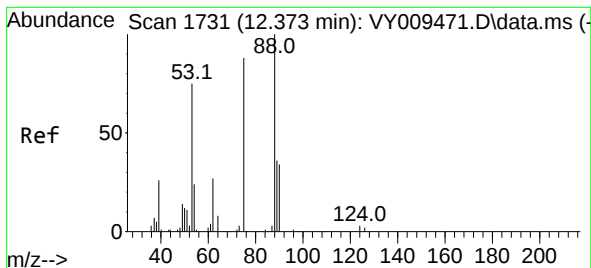
Tgt Ion: 91 Resp: 124677
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.061 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 105 Resp: 153969
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4

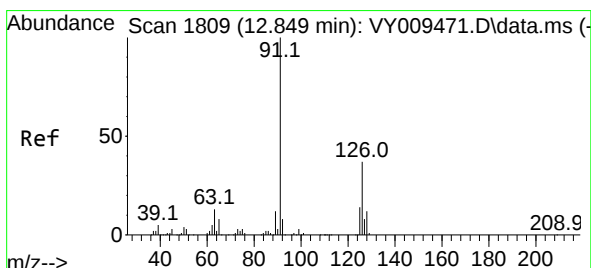
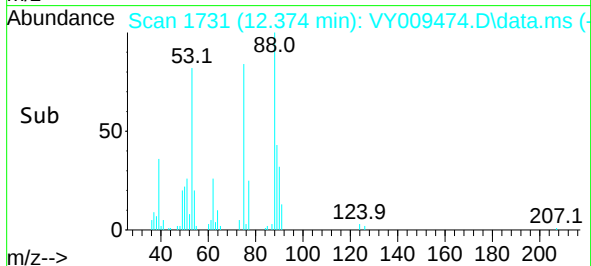
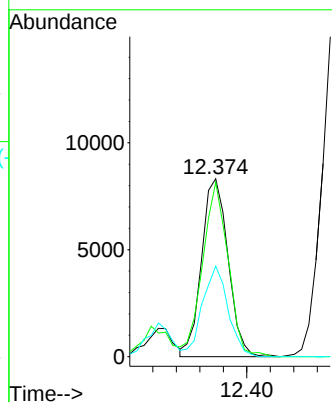
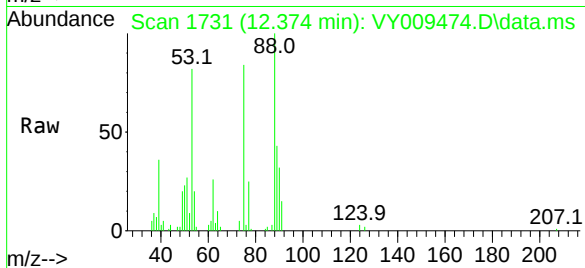




#81
trans-1,4-Dichloro-2-butene
Concen: 17.841 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

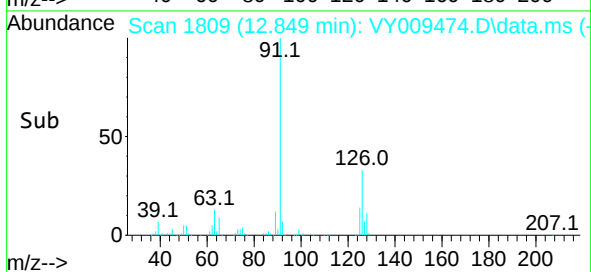
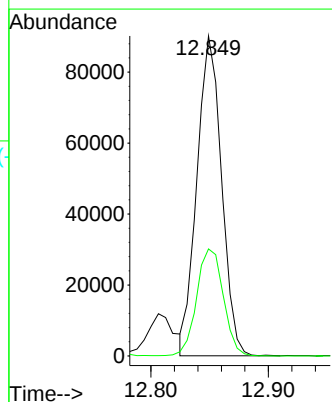
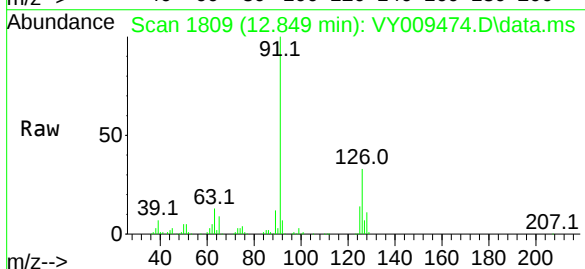
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

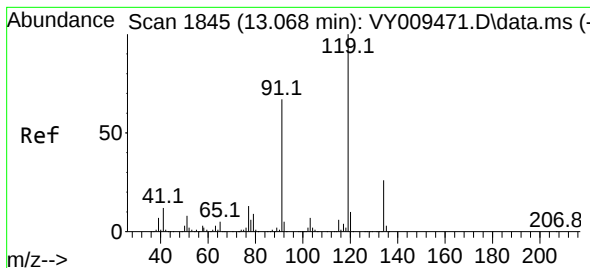
Tgt Ion: 75 Resp: 13040
Ion Ratio Lower Upper
75 100
53 94.2 85.3 127.9
89 49.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.141 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 91 Resp: 131120
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.092 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

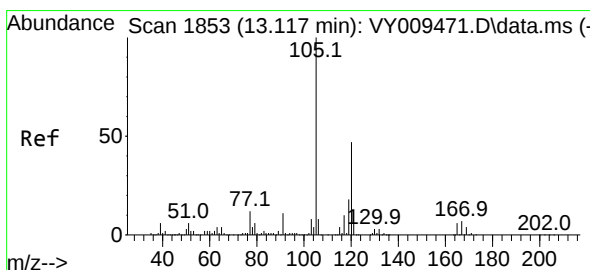
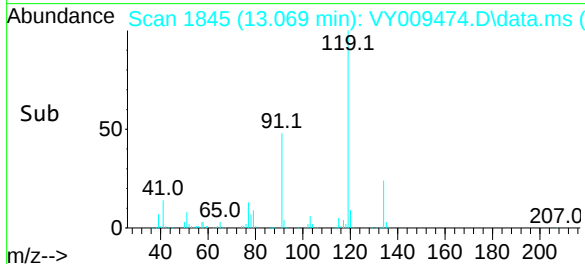
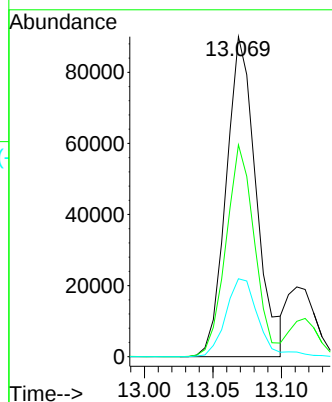
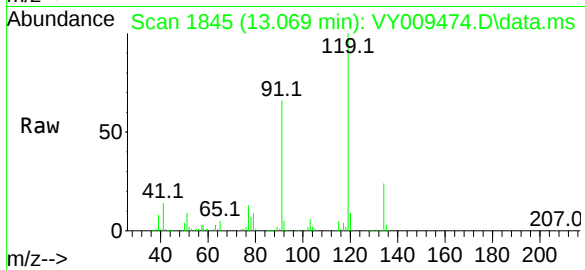
Tgt Ion:119 Resp: 137210

Ion Ratio Lower Upper

119 100

91 63.3 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.009 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009474.D

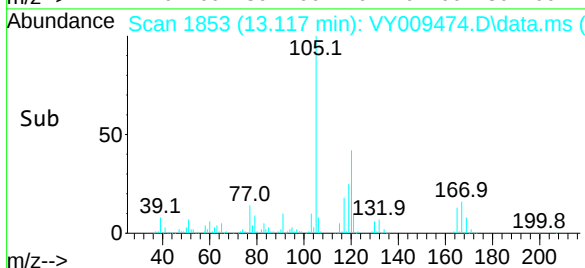
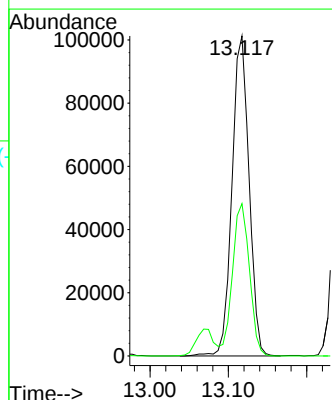
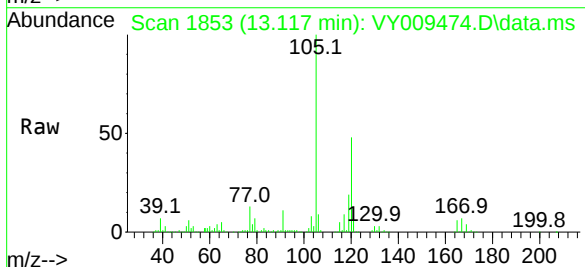
Acq: 07 Jul 2022 16:52

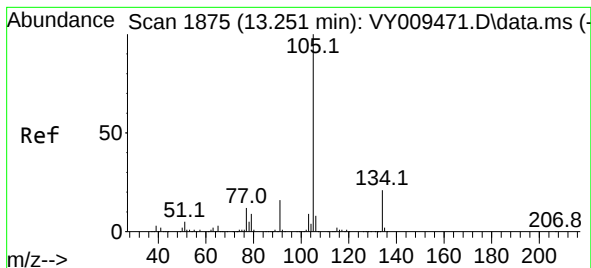
Tgt Ion:105 Resp: 152840

Ion Ratio Lower Upper

105 100

120 47.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.454 ug/l

RT: 13.245 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

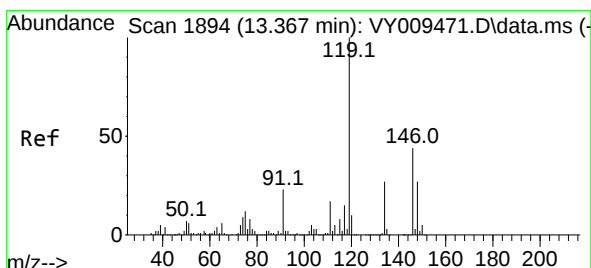
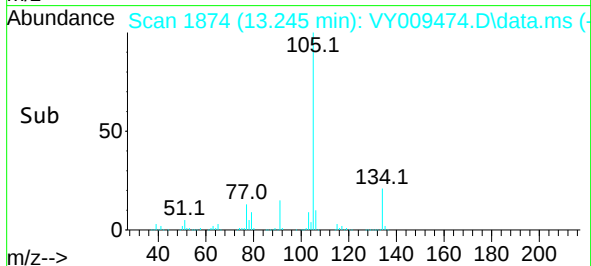
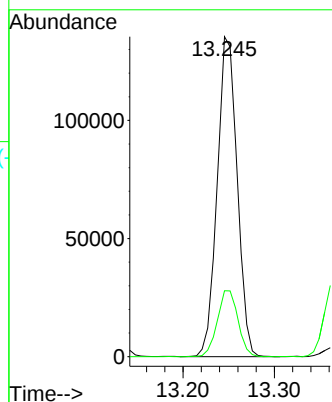
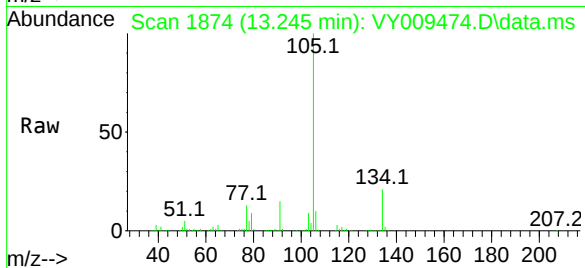
VSTDIC020

Tgt Ion:105 Resp: 205900

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.376 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

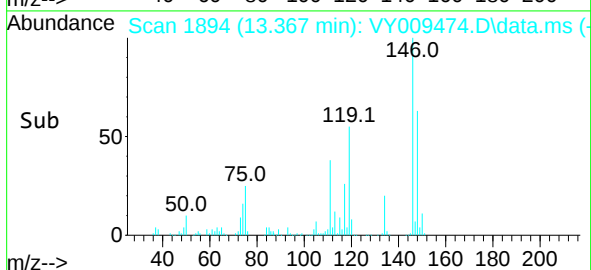
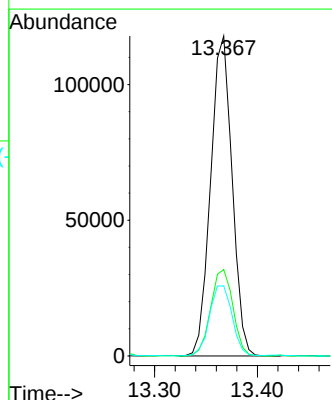
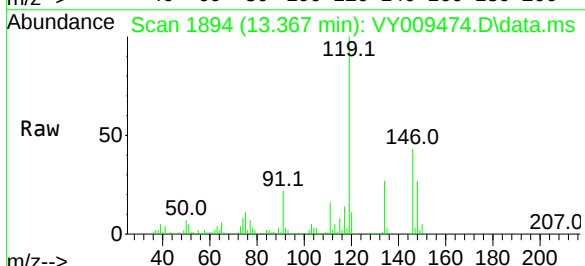
Tgt Ion:119 Resp: 170940

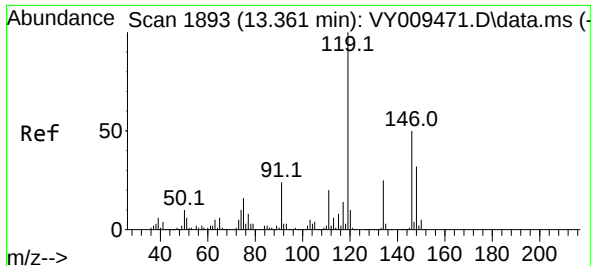
Ion Ratio Lower Upper

119 100

134 27.9 13.2 39.5

91 23.1 12.4 37.2

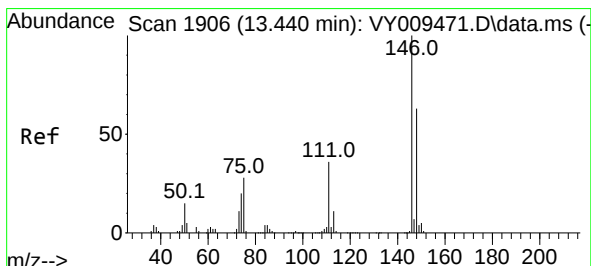
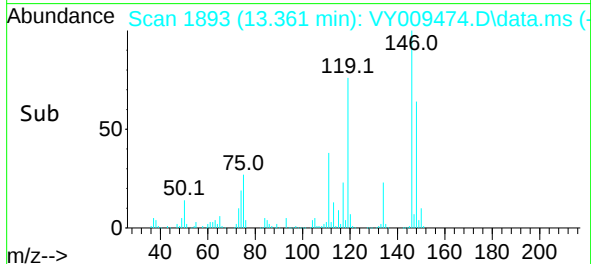
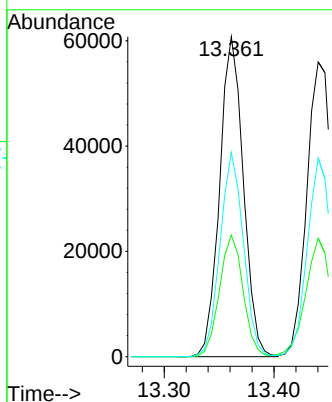
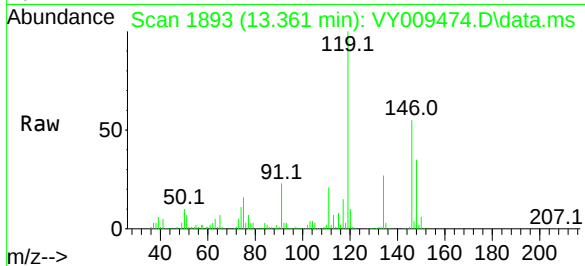




#87
 1,3-Dichlorobenzene
 Concen: 19.680 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009474.D
 Acq: 07 Jul 2022 16:52

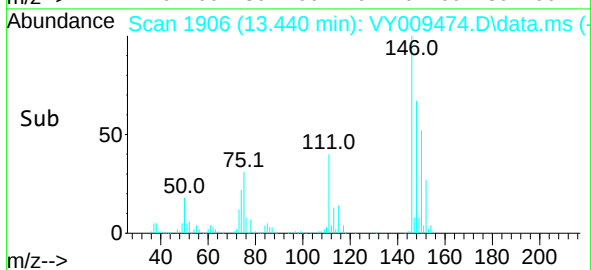
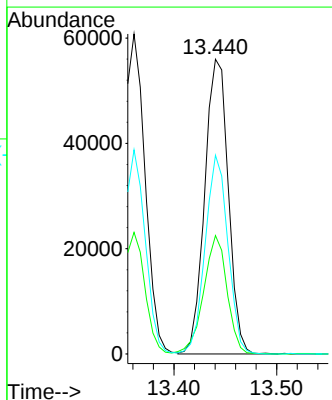
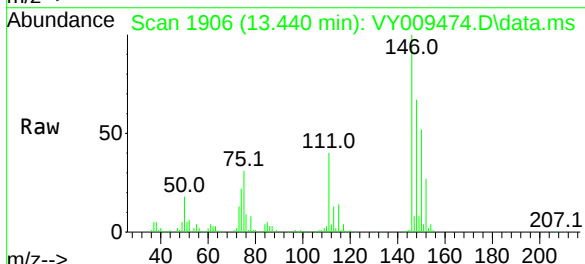
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 91396
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.5 58.5
 148 62.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.020 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY009474.D
 Acq: 07 Jul 2022 16:52

Tgt Ion:146 Resp: 89397
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.3 57.8
 148 65.1 32.6 97.8





#89

n-Butylbenzene

Concen: 19.434 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

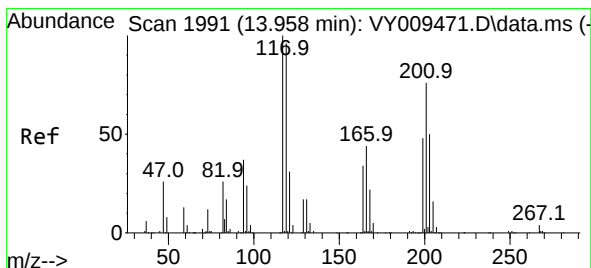
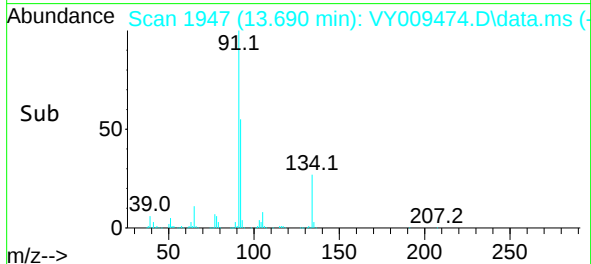
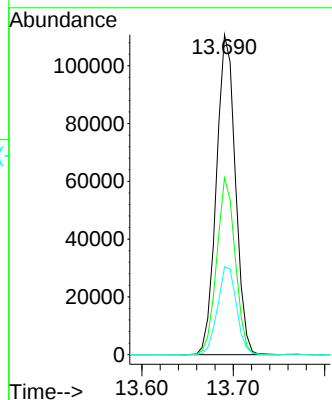
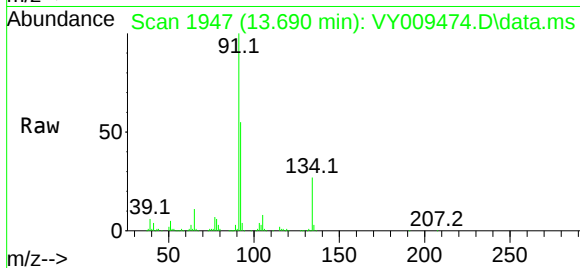
Tgt Ion: 91 Resp: 160106

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 18.650 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009474.D

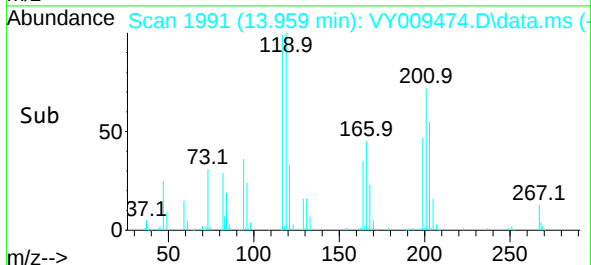
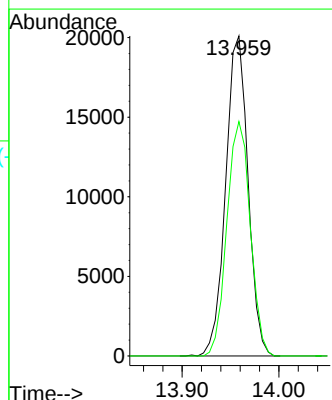
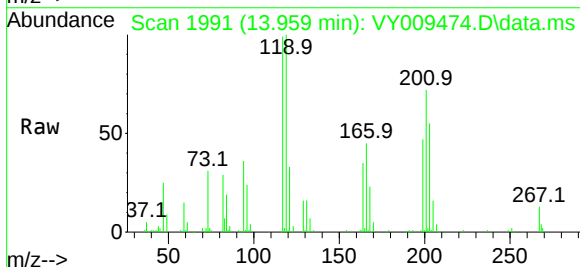
Acq: 07 Jul 2022 16:52

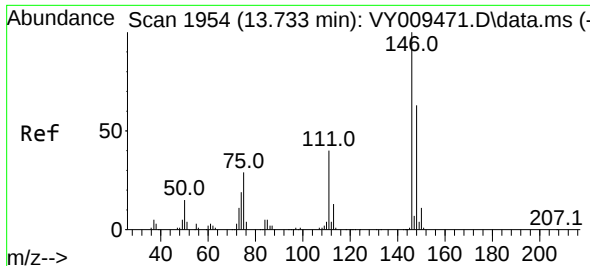
Tgt Ion: 117 Resp: 32283

Ion Ratio Lower Upper

117 100

201 76.4 43.0 128.8

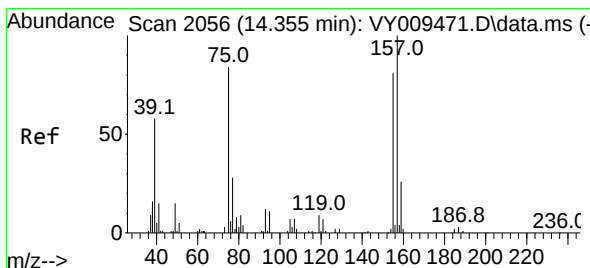
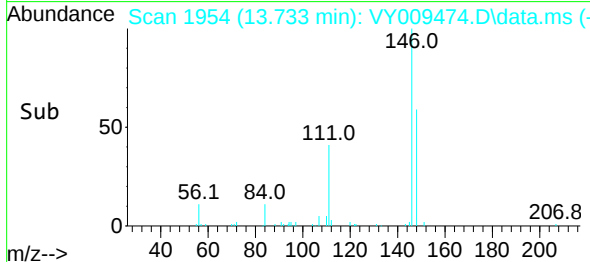
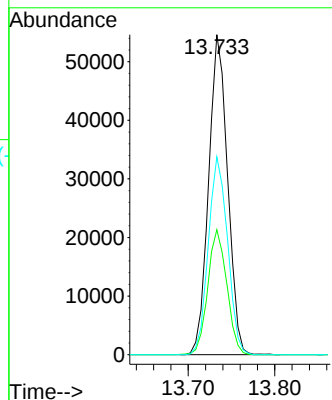
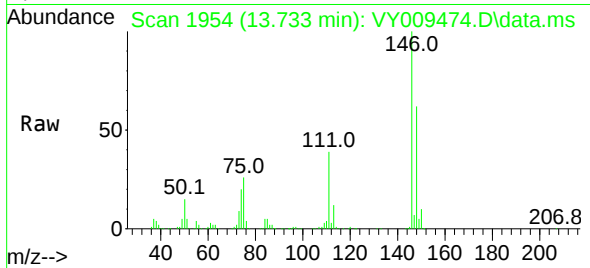




#91
1,2-Dichlorobenzene
Concen: 19.541 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

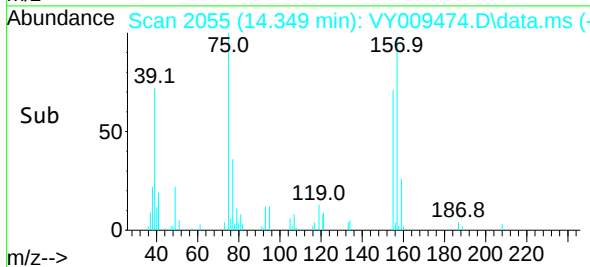
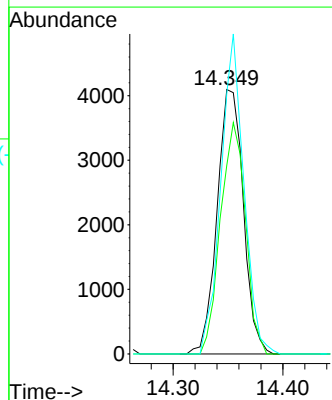
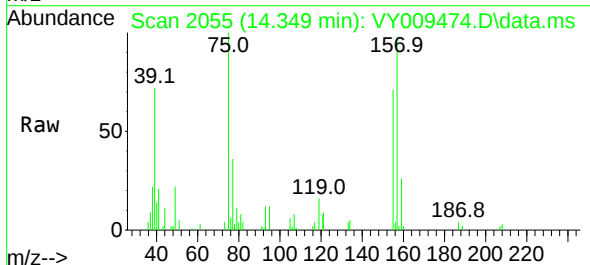
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

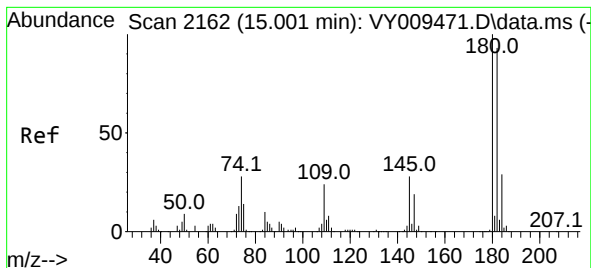
Tgt Ion:146 Resp: 83147
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 62.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.085 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 75 Resp: 6812
Ion Ratio Lower Upper
75 100
155 83.1 38.0 113.9
157 106.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.953 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

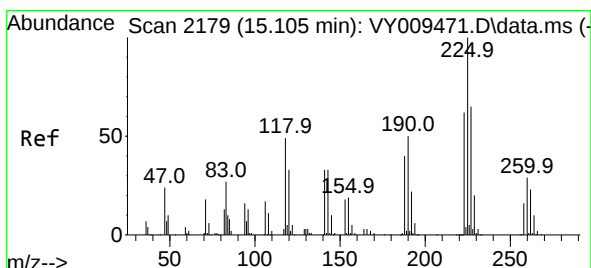
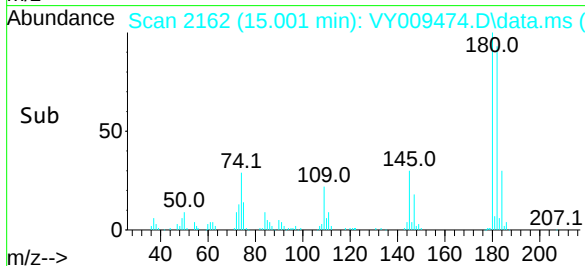
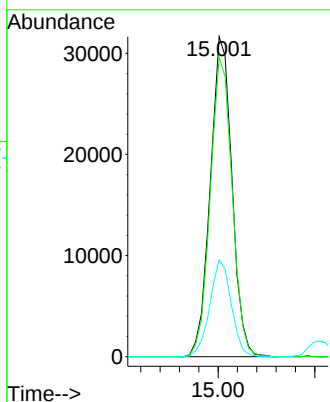
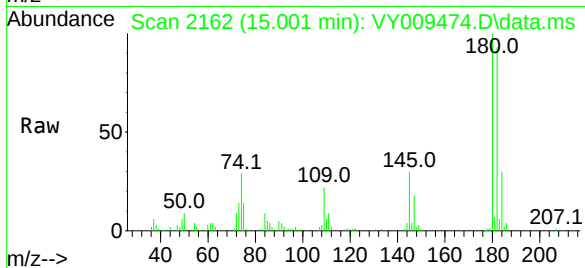
Tgt Ion:180 Resp: 49184

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.647 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009474.D

Acq: 07 Jul 2022 16:52

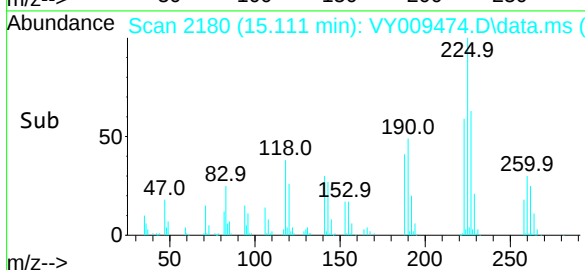
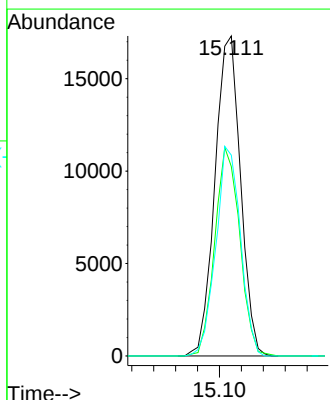
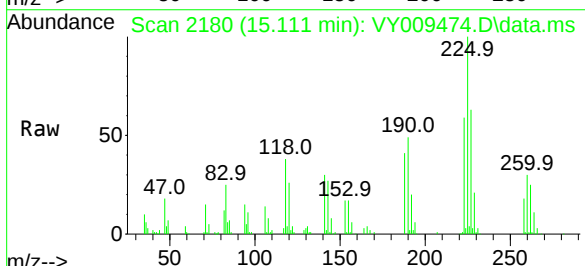
Tgt Ion:225 Resp: 28031

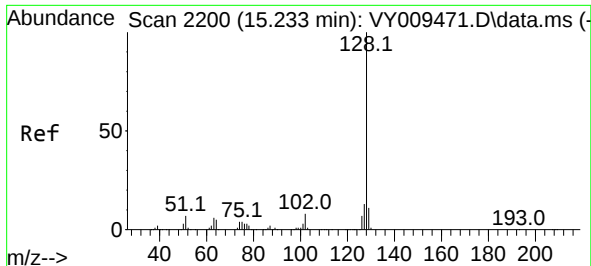
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 63.2 31.6 94.7

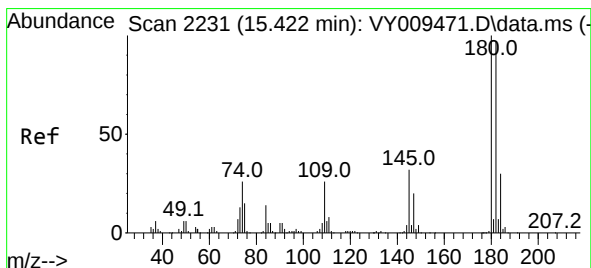
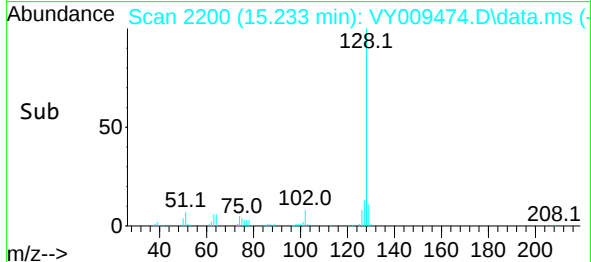
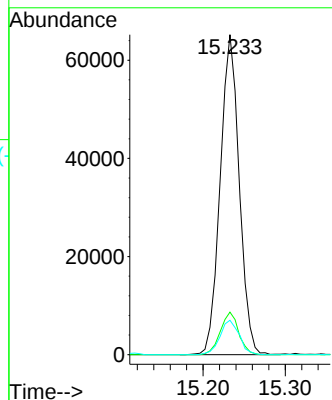
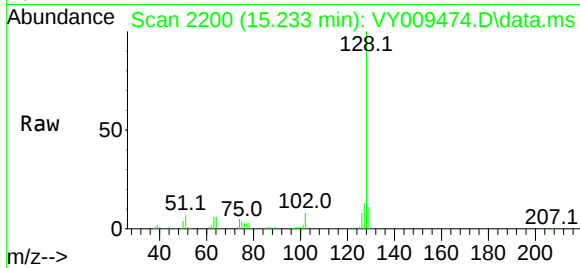




#95
Naphthalene
Concen: 19.557 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 104933
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.532 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY009474.D
Acq: 07 Jul 2022 16:52

Tgt Ion:180 Resp: 43901
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 31.4 15.3 45.9

