

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009511.D
 Acq On : 11 Jul 2022 15:33
 Operator : KP/MD
 Sample : VY0711SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	215203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49364	42.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.860%
35) Dibromofluoromethane	7.710	113	57518	45.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.920%
50) Toluene-d8	10.173	98	156654	44.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.477	95	101670	57.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	115.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25306	20.646	ug/l	96
3) Chloromethane	2.107	50	25984	18.983	ug/l	97
4) Vinyl Chloride	2.241	62	33592	21.556	ug/l	97
5) Bromomethane	2.619	94	22528	20.122	ug/l	85
6) Chloroethane	2.772	64	18758	20.617	ug/l	98
7) Trichlorofluoromethane	3.113	101	47580	22.868	ug/l	96
8) Diethyl Ether	3.521	74	15189	19.081	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.881	101	28931	20.523	ug/l	91
10) Methyl Iodide	4.076	142	30718	19.029	ug/l	91
11) Tert butyl alcohol	4.960	59	15144	55.219	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	24790	18.960	ug/l #	71
13) Acrolein	3.723	56	4928	64.498	ug/l	97
14) Allyl chloride	4.472	41	34788	15.464	ug/l #	91
15) Acrylonitrile	5.149	53	37110	84.726	ug/l	98
16) Acetone	3.948	43	30901	79.475	ug/l	99
17) Carbon Disulfide	4.180	76	51595	15.246	ug/l	96
18) Methyl Acetate	4.466	43	19943	17.469	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	74554	18.839	ug/l	94
20) Methylene Chloride	4.704	84	36779	16.844	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	27277	17.804	ug/l #	78
22) Diisopropyl ether	6.112	45	79324	16.586	ug/l #	91
23) Vinyl Acetate	6.051	43	245872	73.123	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	48194	17.869	ug/l	99
25) 2-Butanone	6.978	43	48679	77.394	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	51163	19.247	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	34012	18.857	ug/l	85
28) Bromochloromethane	7.320	49	17536	15.469	ug/l #	65
29) Tetrahydrofuran	7.338	42	31171	76.621	ug/l #	84
30) Chloroform	7.496	83	53608	18.161	ug/l	100
31) Cyclohexane	7.771	56	38462	14.668	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	51316	19.718	ug/l	94
36) 1,1-Dichloropropene	7.911	75	36835	18.077	ug/l	93
37) Ethyl Acetate	7.063	43	20648	16.166	ug/l #	90
38) Carbon Tetrachloride	7.893	117	47083	21.605	ug/l	95
39) Methylcyclohexane	9.179	83	43065	17.607	ug/l	86
40) Benzene	8.155	78	108609	18.151	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	11414	17.209	ug/l #	36
42) 1,2-Dichloroethane	8.228	62	35314	19.658	ug/l	91
43) Isopropyl Acetate	8.264	43	40270	16.897	ug/l #	88
44) Trichloroethene	8.935	130	36559	21.628	ug/l	92
45) 1,2-Dichloropropane	9.209	63	26554	17.536	ug/l	98
46) Dibromomethane	9.295	93	18287	20.576	ug/l	96
47) Bromodichloromethane	9.490	83	43427	20.529	ug/l	97
48) Methyl methacrylate	9.289	41	17249	16.799	ug/l #	83
49) 1,4-Dioxane	9.289	88	5244	400.659	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	106192	84.729	ug/l	90
52) Toluene	10.240	92	72953	19.133	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	41962	18.824	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	46919	18.875	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	26591	20.739	ug/l	93
56) Ethyl methacrylate	10.508	69	30975	18.197	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	40692	19.252	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	73210	88.040	ug/l	90
59) 2-Hexanone	10.831	43	74818	86.150	ug/l	92
60) Dibromochloromethane	10.977	129	32613	21.005	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24429	19.874	ug/l	97
64) Tetrachloroethene	10.715	164	41348	22.980	ug/l	96
65) Chlorobenzene	11.514	112	86173	20.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	39398	24.780	ug/l	98
67) Ethyl Benzene	11.587	91	180909	24.518	ug/l	96
68) m/p-Xylenes	11.697	106	143429	49.841	ug/l	92
69) o-Xylene	12.026	106	66306	24.038	ug/l	95
70) Styrene	12.038	104	113472	24.629	ug/l	97
71) Bromoform	12.203	173	24833	24.506	ug/l #	100
73) Isopropylbenzene	12.325	105	180238	19.534	ug/l	99
74) N-amyl acetate	12.142	43	53755	20.476	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	33890	18.344	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	50175	35.132	ug/l #	100
77) Bromobenzene	12.605	156	44346	19.742	ug/l	93
78) n-propylbenzene	12.666	91	221172	19.841	ug/l	98
79) 2-Chlorotoluene	12.751	91	123952	19.861	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	156554	20.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13060	18.715	ug/l	88
82) 4-Chlorotoluene	12.849	91	130390	19.936	ug/l	97
83) tert-Butylbenzene	13.075	119	136389	19.877	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	154178	20.084	ug/l	96
85) sec-Butylbenzene	13.251	105	206807	20.465	ug/l	98
86) p-Isopropyltoluene	13.367	119	175599	20.847	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	90491	20.409	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	91461	20.381	ug/l	99
89) n-Butylbenzene	13.690	91	164968	20.973	ug/l	98
90) Hexachloroethane	13.959	117	32879	19.894	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	82903	20.407	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6711	20.725	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	48603	19.616	ug/l	99
94) Hexachlorobutadiene	15.105	225	27655	20.302	ug/l	98
95) Naphthalene	15.233	128	102092	19.929	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	42988	20.032	ug/l	99

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QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

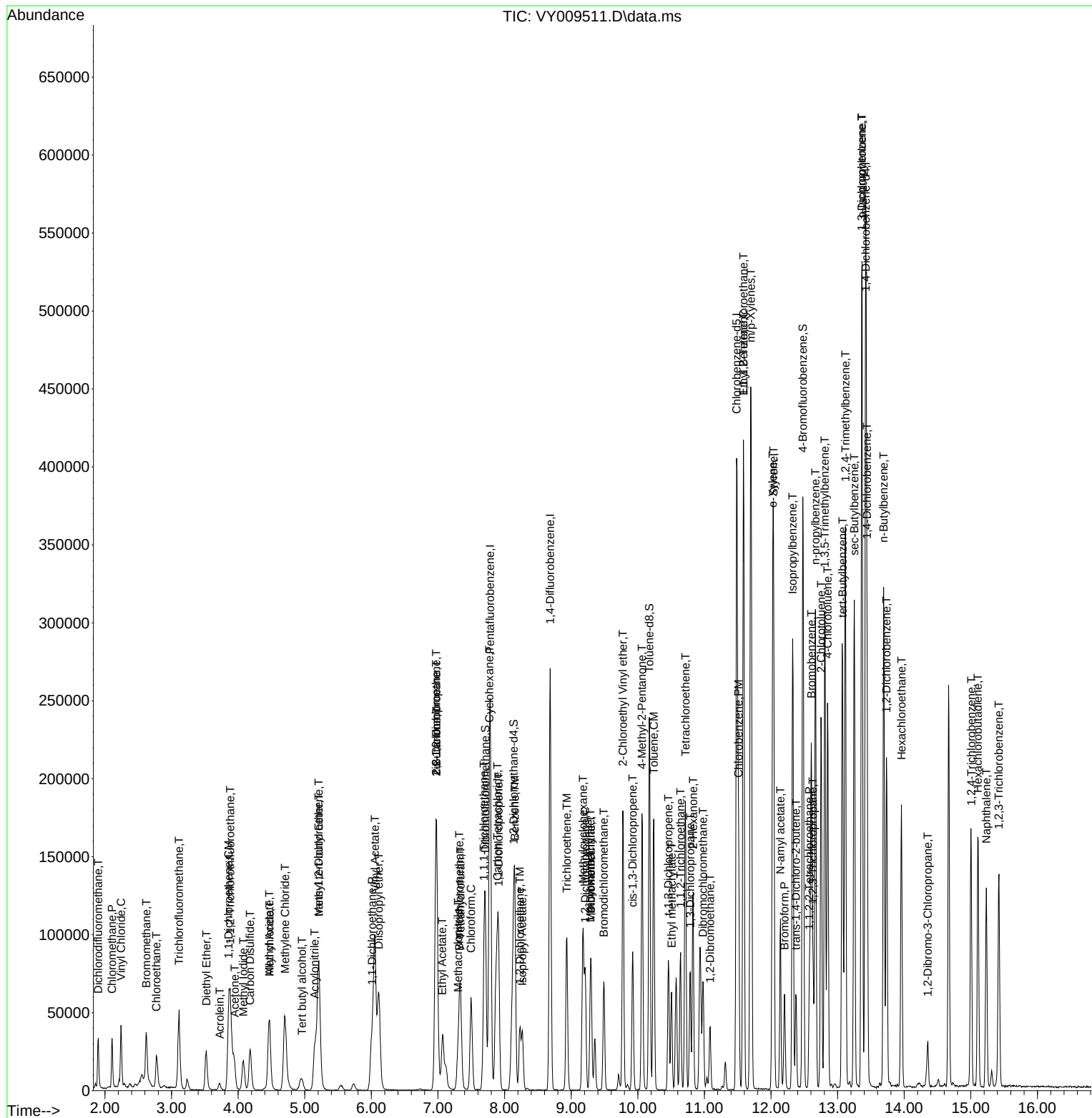
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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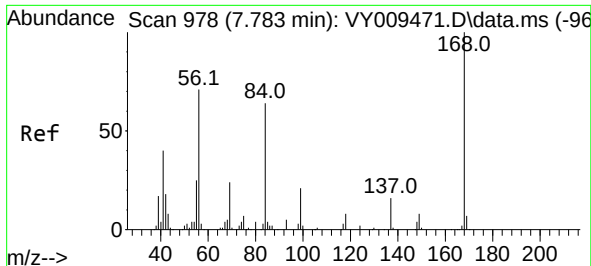
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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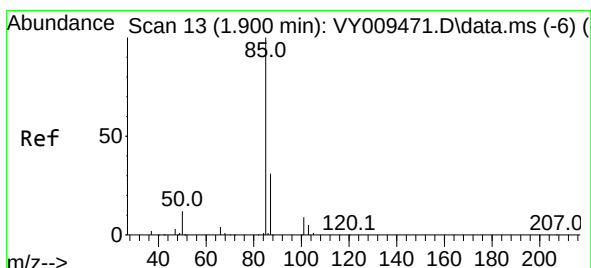
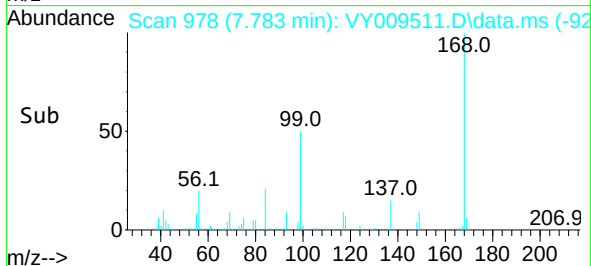
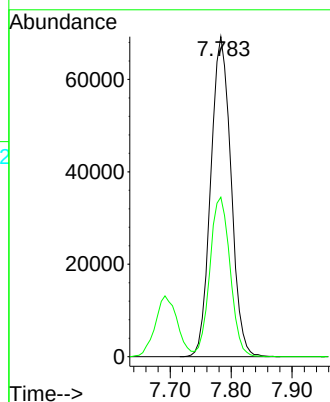
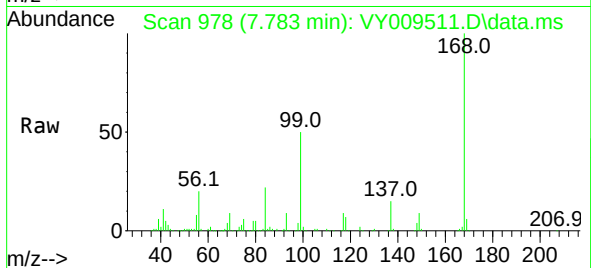




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009511.D
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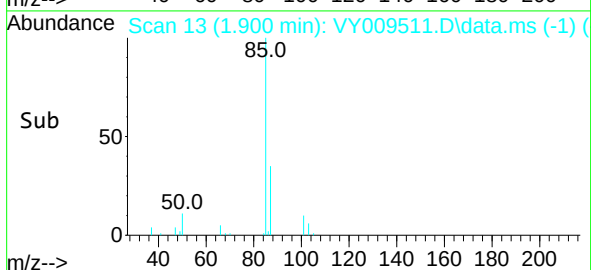
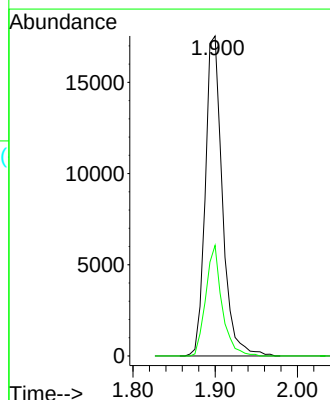
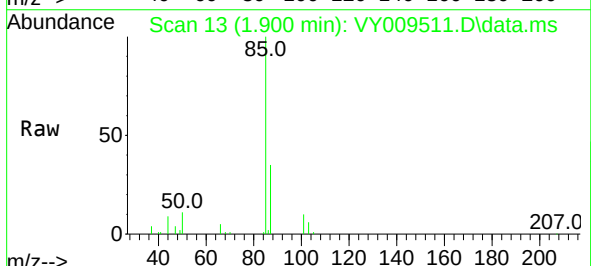
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 159832
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3

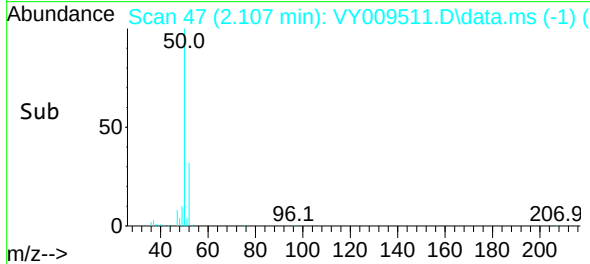
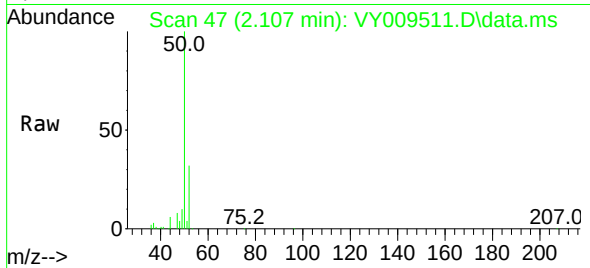
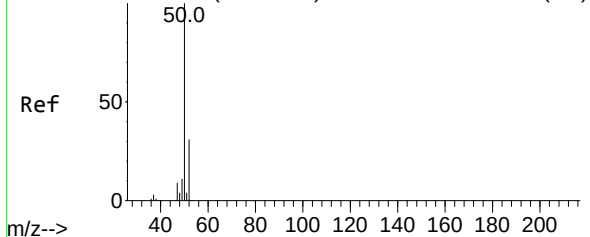


#2
Dichlorodifluoromethane
Concen: 20.646 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 85 Resp: 25306
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2



Abundance Scan 47 (2.107 min): VY009471.D\data.ms (-40)



#3

Chloromethane

Concen: 18.983 ug/l

RT: 2.107 min Scan# 47

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

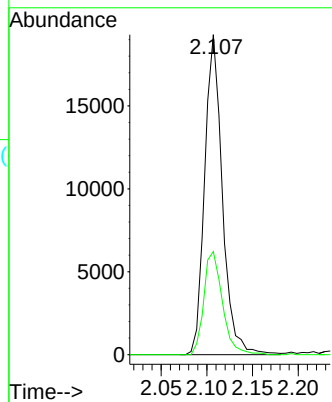
ClientSampleId :

Tgt Ion: 50 Resp: 25984

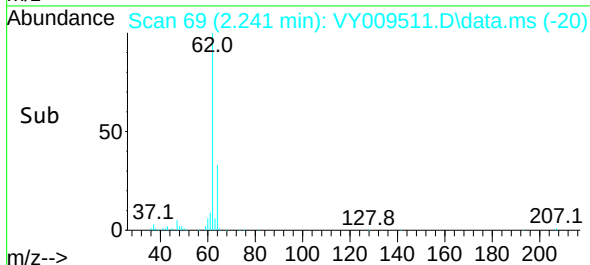
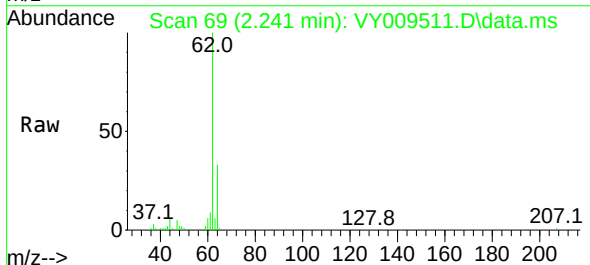
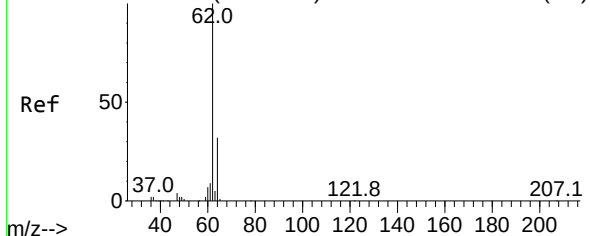
Ion Ratio Lower Upper

50 100

52 32.2 24.6 37.0



Abundance Scan 69 (2.241 min): VY009471.D\data.ms (-60)



#4

Vinyl Chloride

Concen: 21.556 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY009511.D

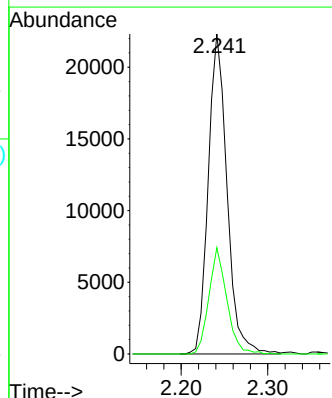
Acq: 11 Jul 2022 15:33

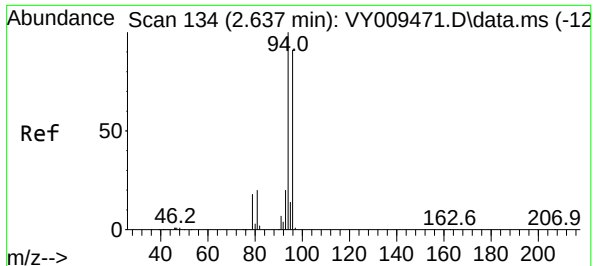
Tgt Ion: 62 Resp: 33592

Ion Ratio Lower Upper

62 100

64 33.2 25.0 37.6

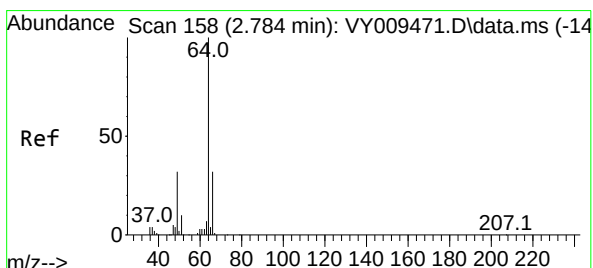
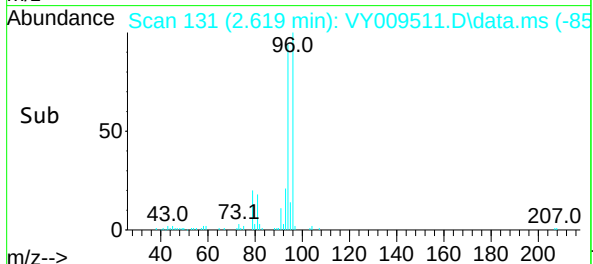
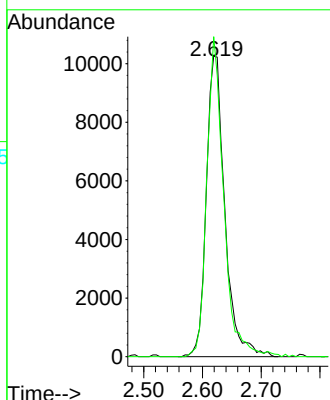
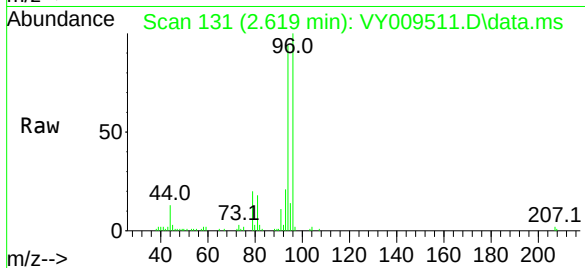




#5
Bromomethane
Concen: 20.122 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

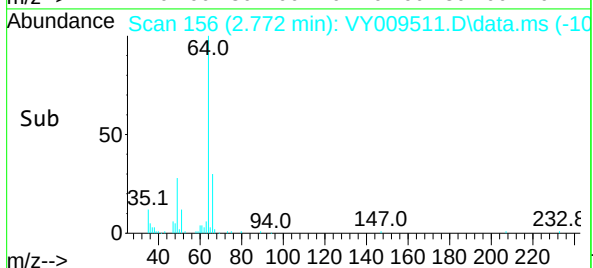
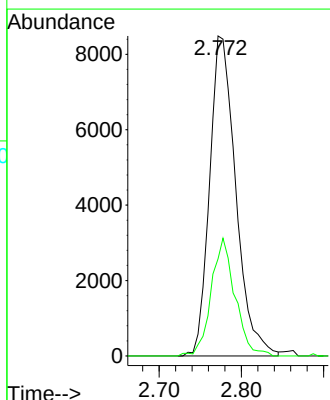
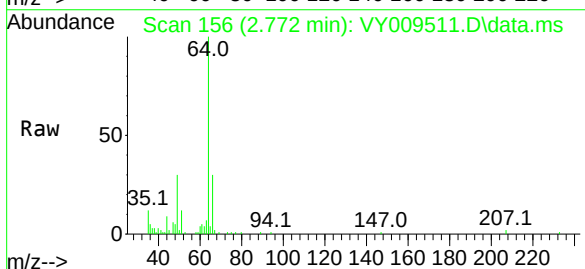
Instrument :
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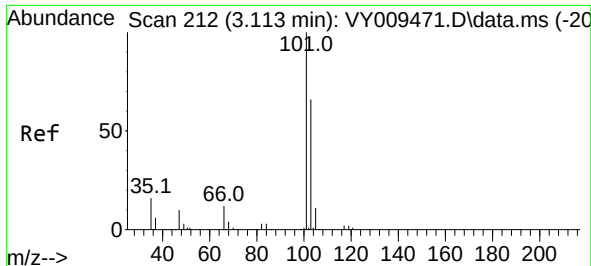
Tgt Ion: 94 Resp: 22528
Ion Ratio Lower Upper
94 100
96 106.4 73.5 110.3



#6
Chloroethane
Concen: 20.617 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 64 Resp: 18758
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0

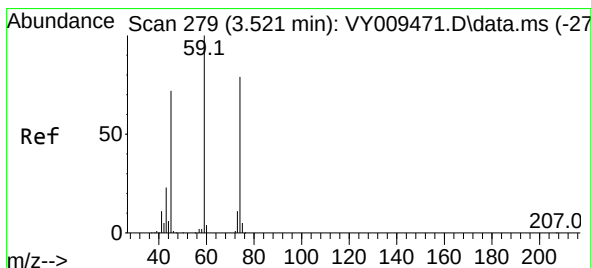
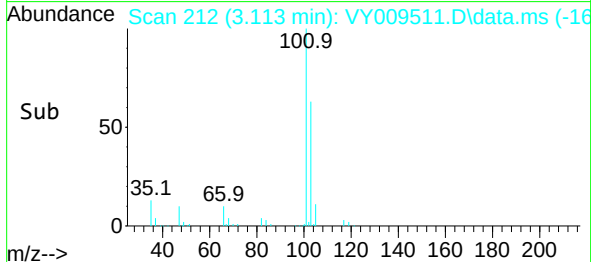
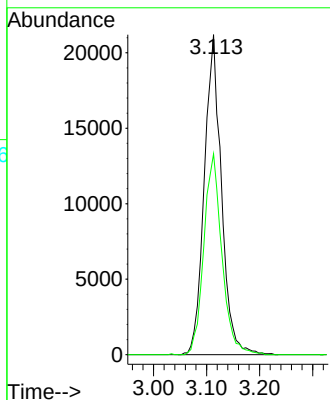
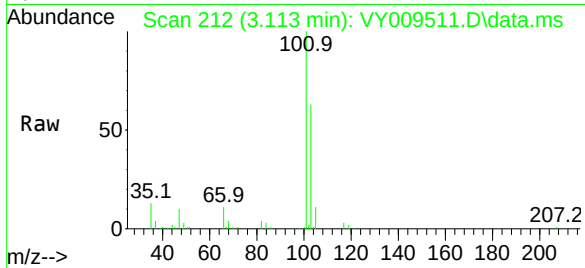




#7
Trichlorofluoromethane
Concen: 22.868 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

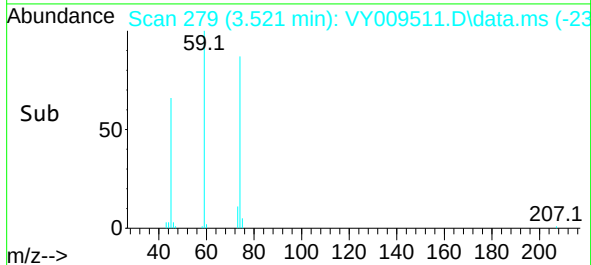
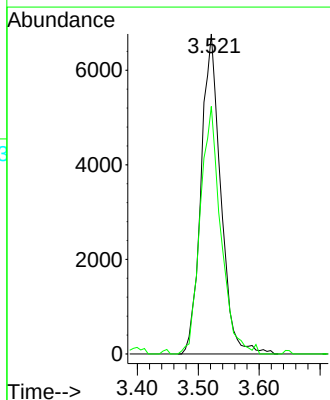
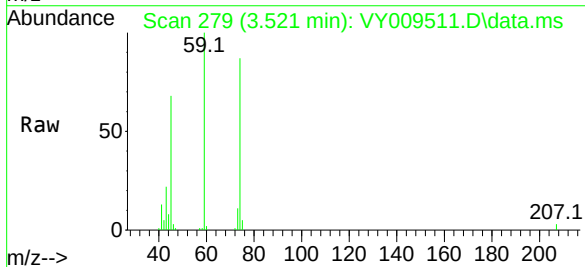
Instrument :
MSVOA_Y
ClientSampleId :

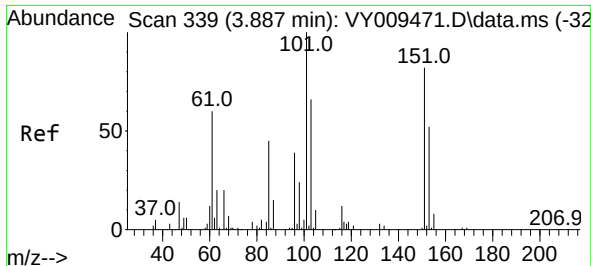
Tgt Ion:101 Resp: 47580
Ion Ratio Lower Upper
101 100
103 62.7 48.0 72.0



#8
Diethyl Ether
Concen: 19.081 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

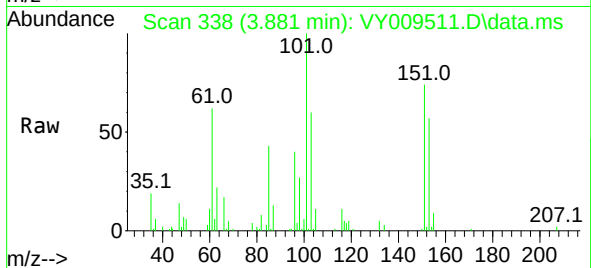
Tgt Ion: 74 Resp: 15189
Ion Ratio Lower Upper
74 100
45 81.1 55.1 165.5



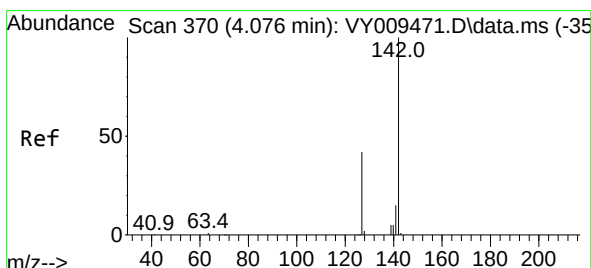
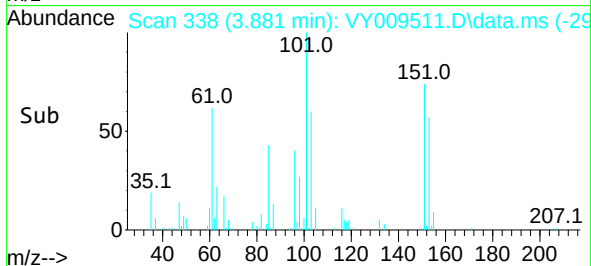
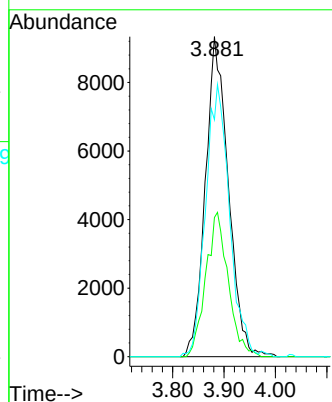


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.523 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

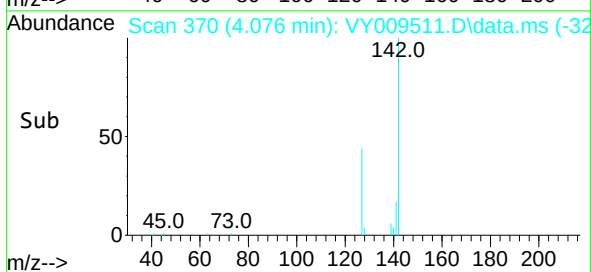
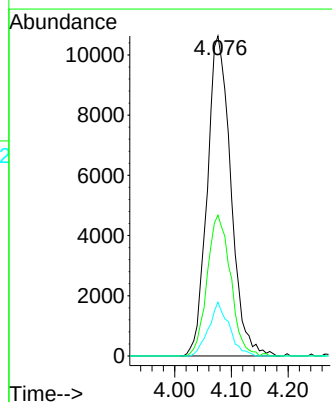
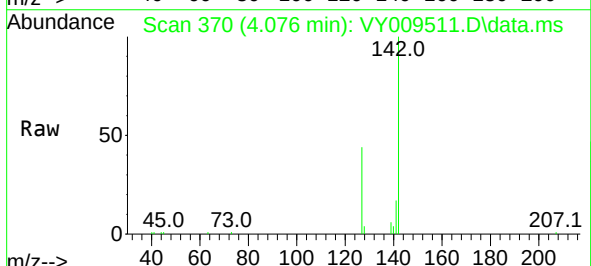


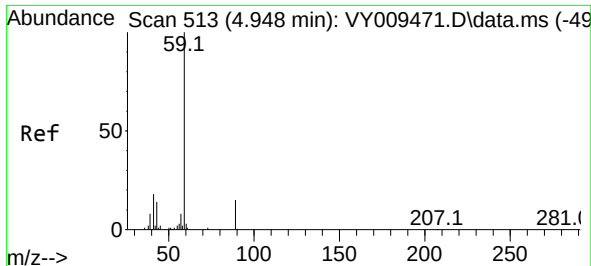
Tgt Ion:101 Resp: 28931
Ion Ratio Lower Upper
101 100
85 44.1 40.6 60.8
151 88.2 64.9 97.3



#10
Methyl Iodide
Concen: 19.029 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion:142 Resp: 30718
Ion Ratio Lower Upper
142 100
127 43.5 41.5 62.3
141 14.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 55.219 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

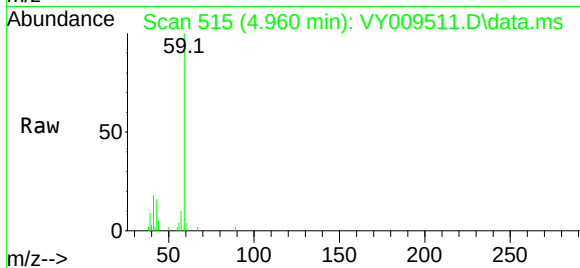
Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

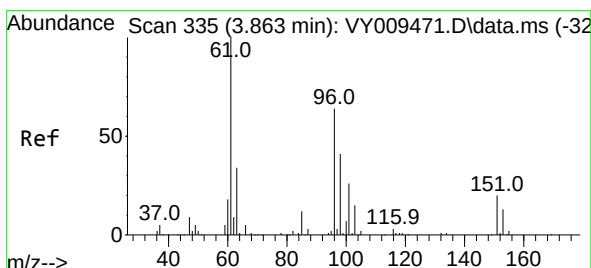
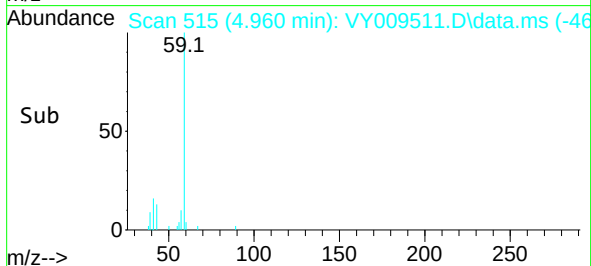
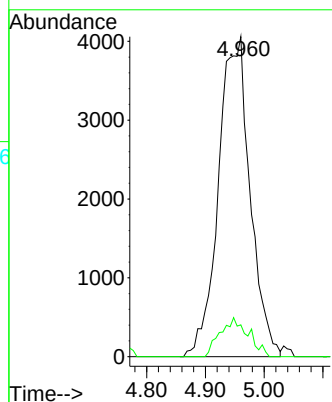


Tgt Ion: 59 Resp: 15144

Ion Ratio Lower Upper

59 100

57 10.9 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 18.960 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

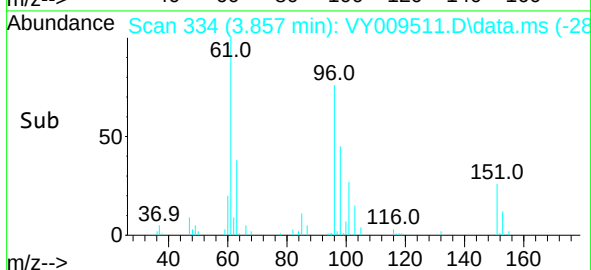
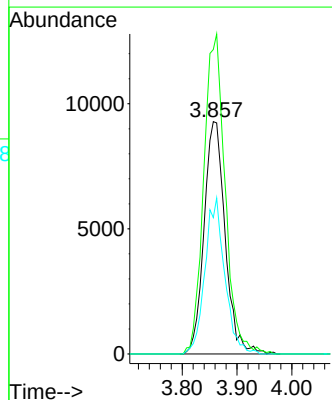
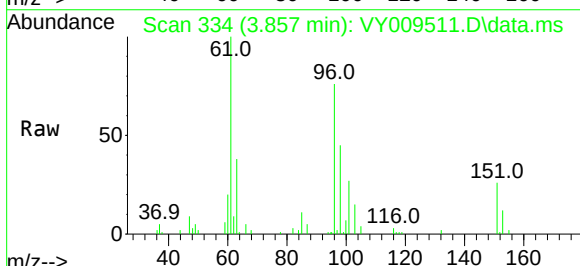
Tgt Ion: 96 Resp: 24790

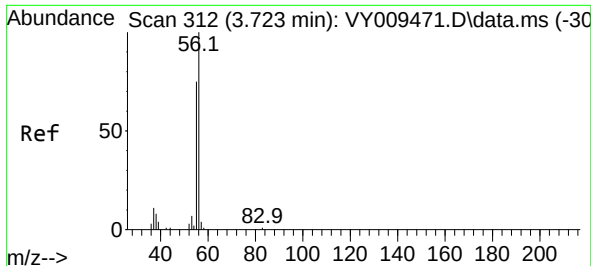
Ion Ratio Lower Upper

96 100

61 131.0 145.8 218.6#

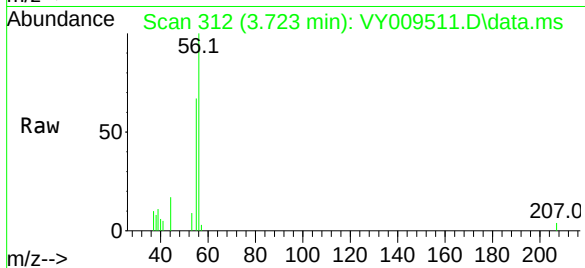
98 58.6 52.5 78.7



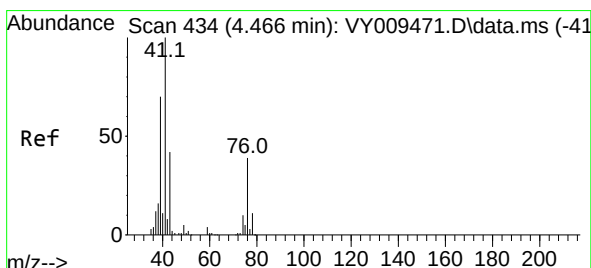
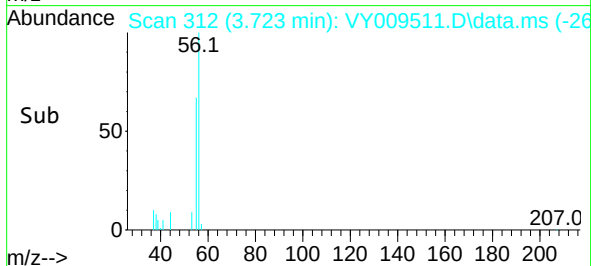
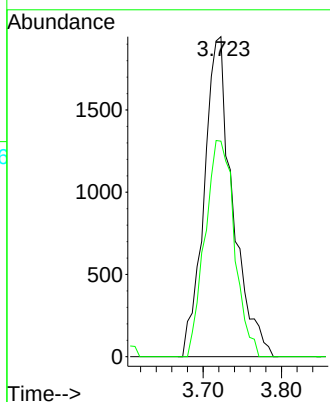


#13
Acrolein
Concen: 64.498 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

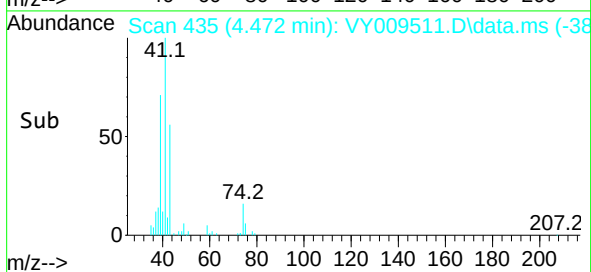
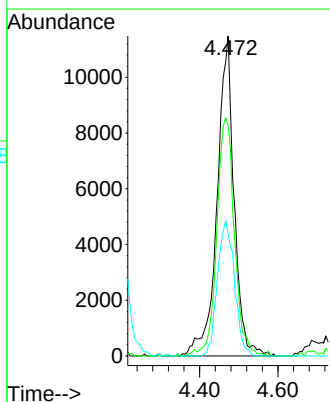
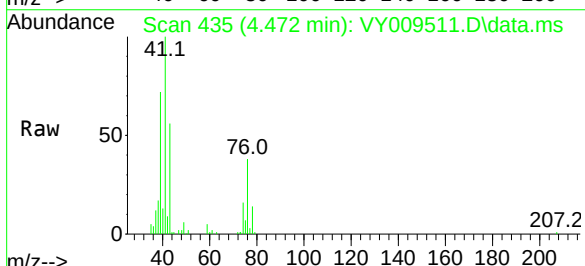


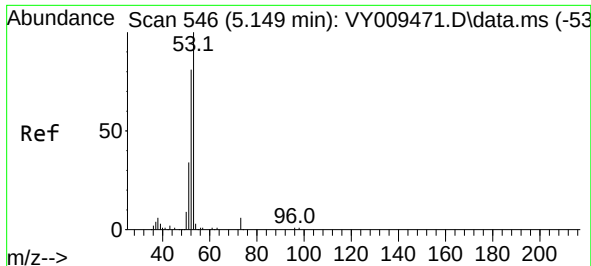
Tgt Ion: 56 Resp: 4928
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4



#14
Allyl chloride
Concen: 15.464 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

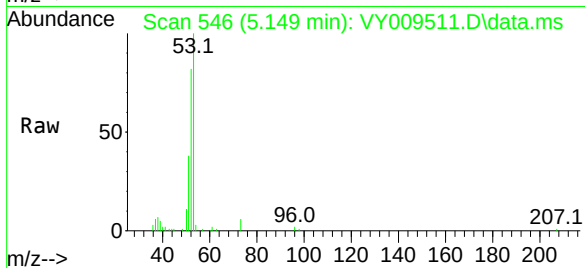
Tgt Ion: 41 Resp: 34788
Ion Ratio Lower Upper
41 100
39 77.0 58.8 88.2
76 41.9 25.1 37.7#



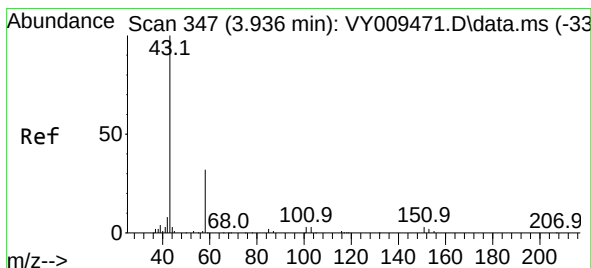
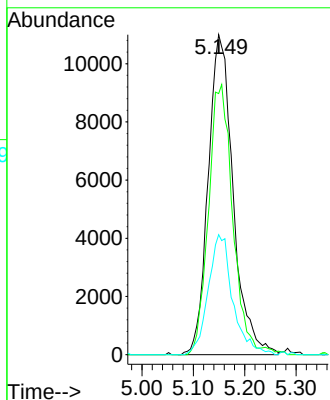
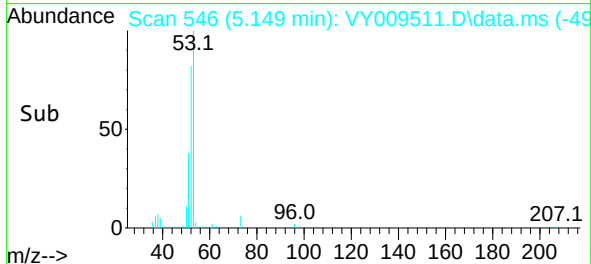


#15
Acrylonitrile
Concen: 84.726 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

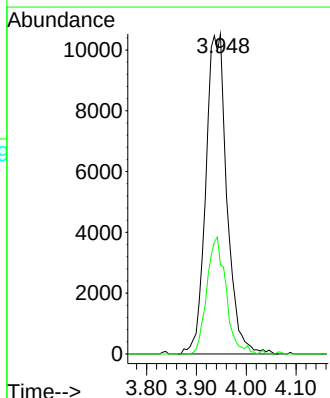
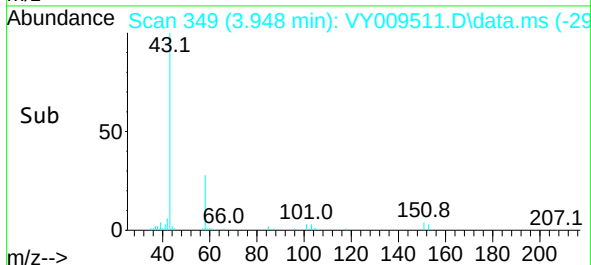
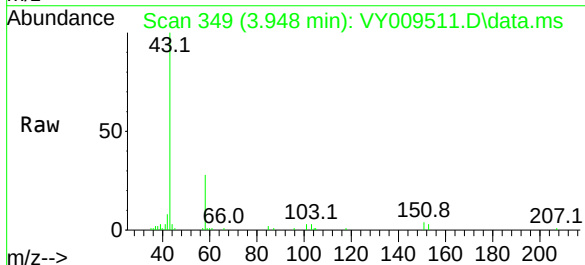


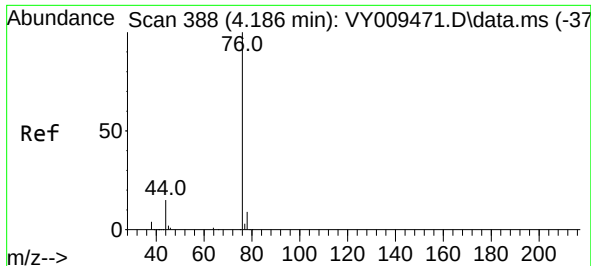
Tgt Ion: 53 Resp: 37110
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 36.8 29.8 44.6



#16
Acetone
Concen: 79.475 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

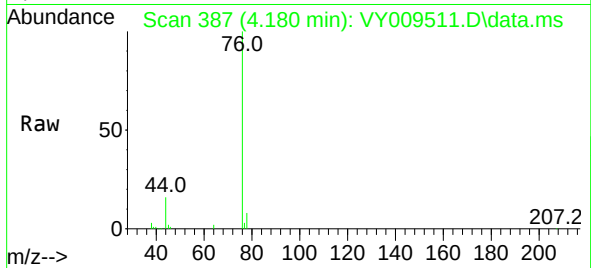
Tgt Ion: 43 Resp: 30901
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0



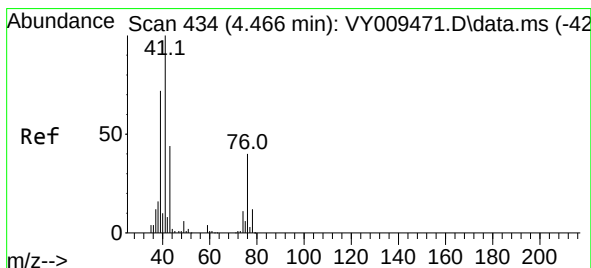
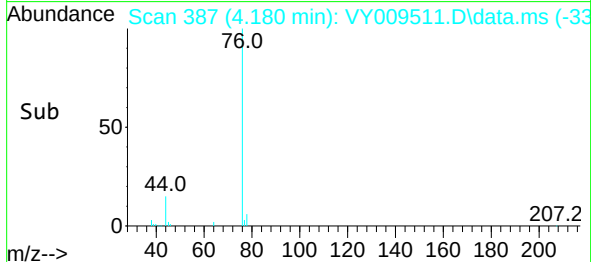
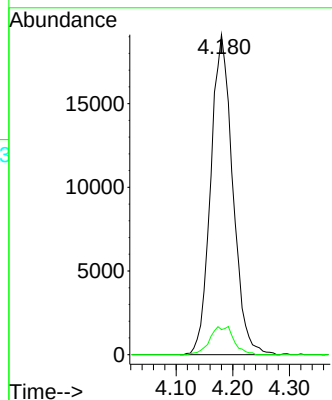


#17
Carbon Disulfide
Concen: 15.246 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

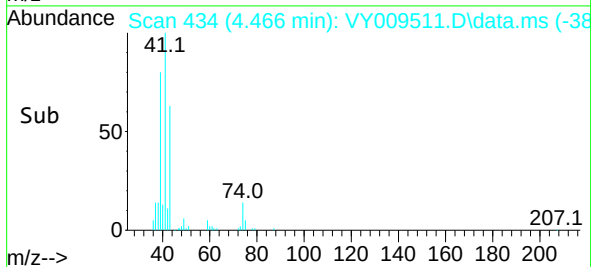
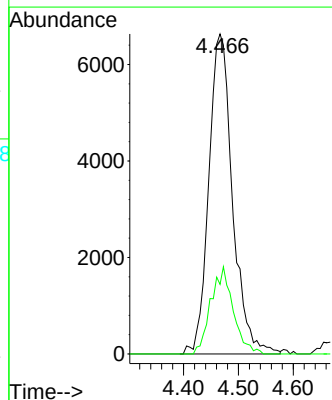
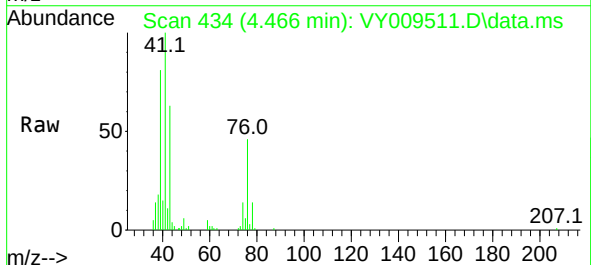


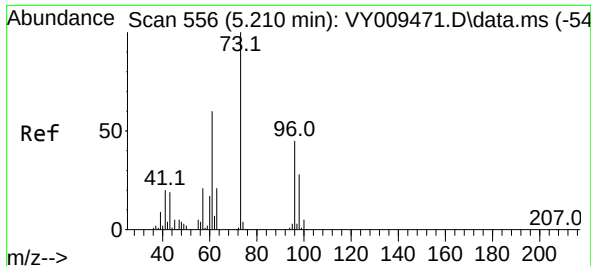
Tgt Ion: 76 Resp: 51595
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.469 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 43 Resp: 19943
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8#

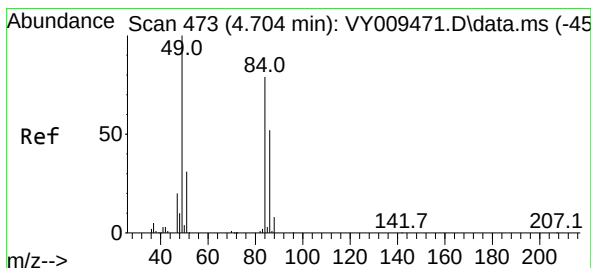
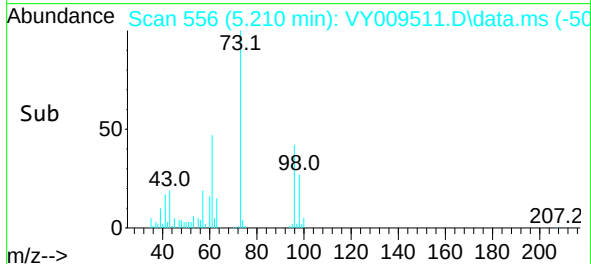
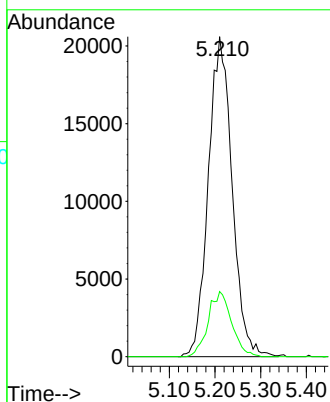
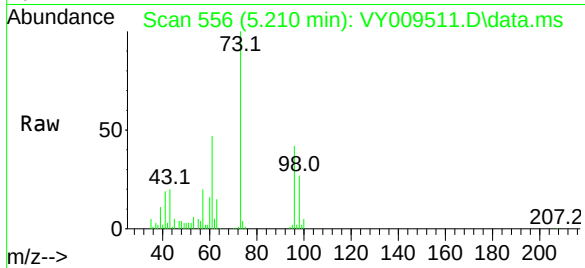




#19
Methyl tert-butyl Ether
Concen: 18.839 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

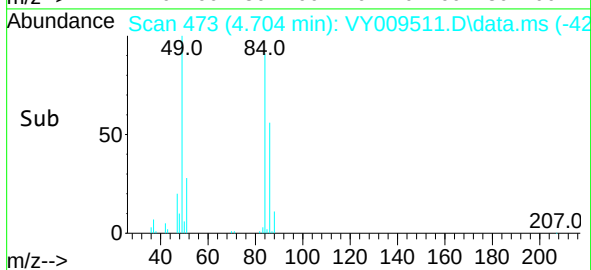
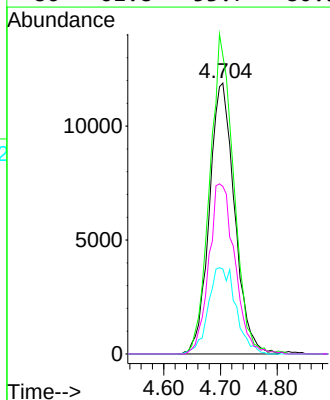
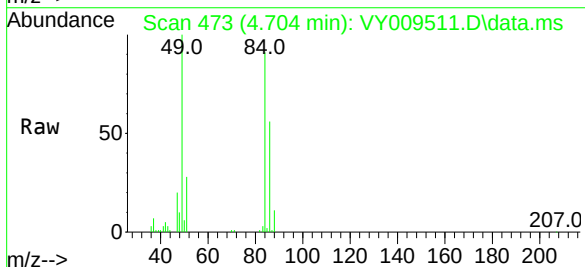
Instrument :
MSVOA_Y
ClientSampleId :

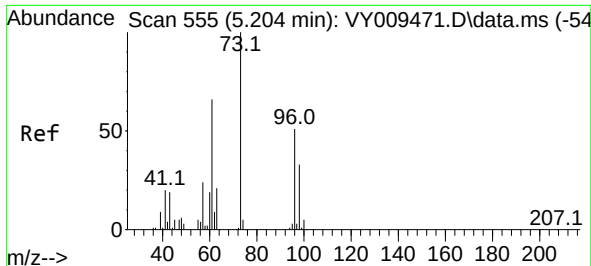
Tgt Ion: 73 Resp: 74554
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8



#20
Methylene Chloride
Concen: 16.844 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

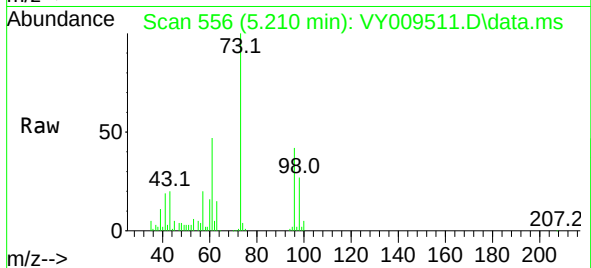
Tgt Ion: 84 Resp: 36779
Ion Ratio Lower Upper
84 100
49 110.2 114.4 171.6#
51 31.4 35.3 52.9#
86 61.8 53.7 80.5



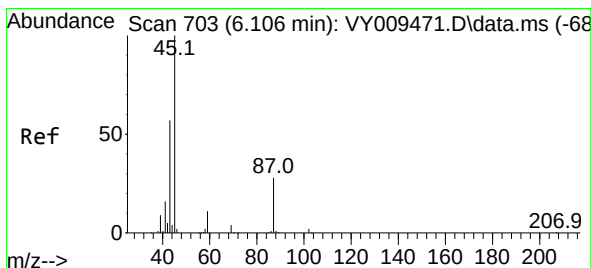
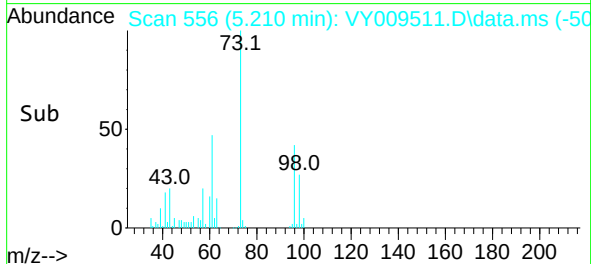
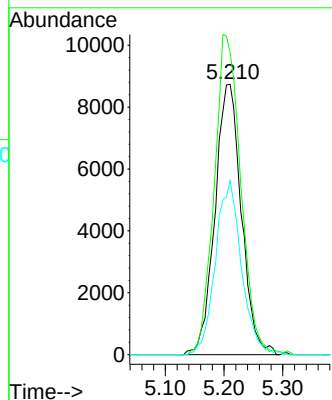


#21
trans-1,2-Dichloroethene
Concen: 17.804 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

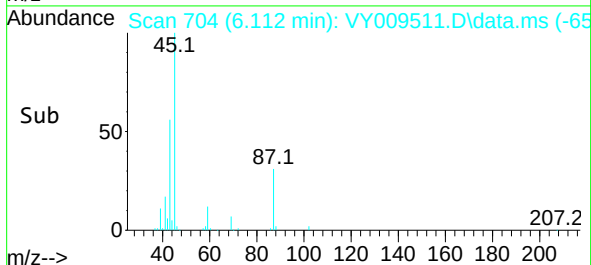
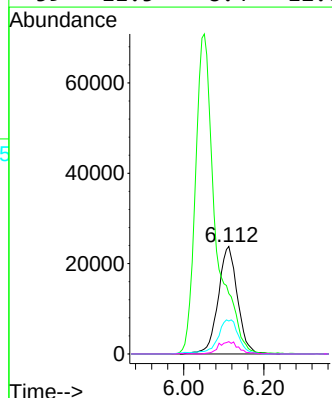
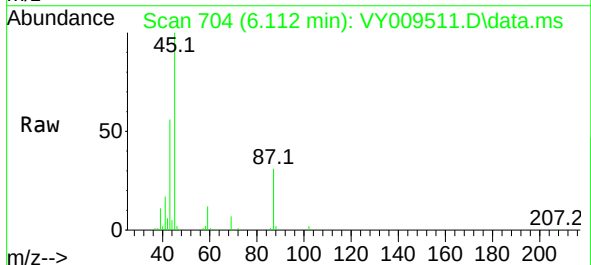


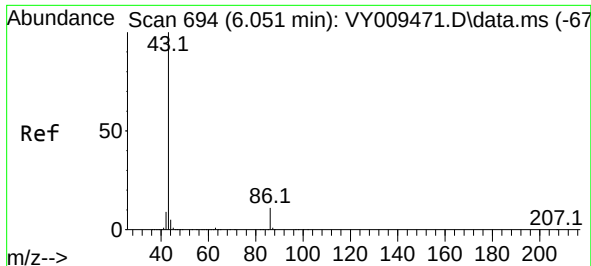
Tgt Ion: 96 Resp: 27277
Ion Ratio Lower Upper
96 100
61 111.8 120.5 180.7#
98 64.4 49.8 74.8



#22
Diisopropyl ether
Concen: 16.586 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

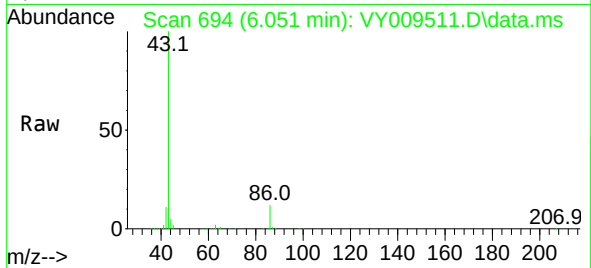
Tgt Ion: 45 Resp: 79324
Ion Ratio Lower Upper
45 100
43 55.6 49.3 73.9
87 30.7 19.2 28.8#
59 11.5 8.4 12.6



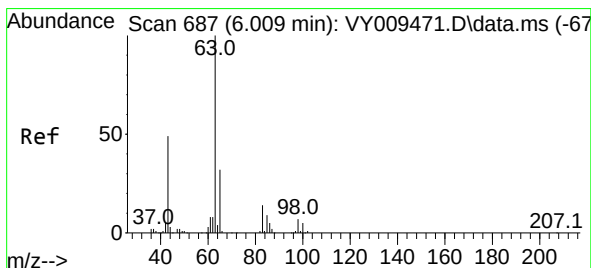
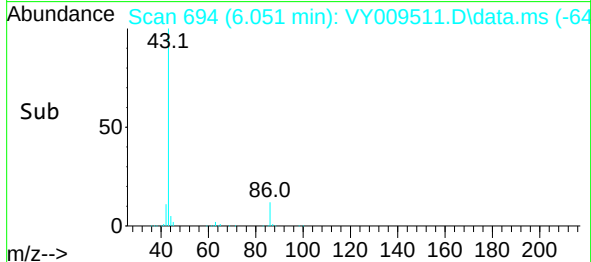
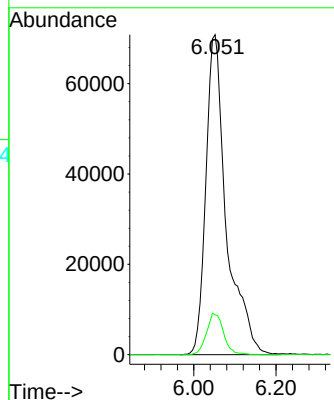


#23
 Vinyl Acetate
 Concen: 73.123 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :

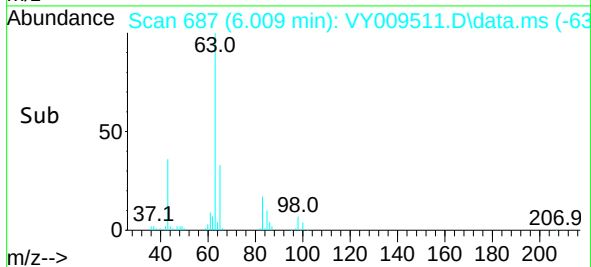
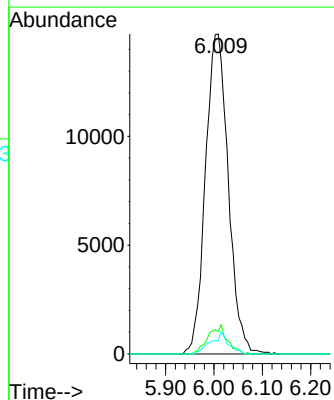
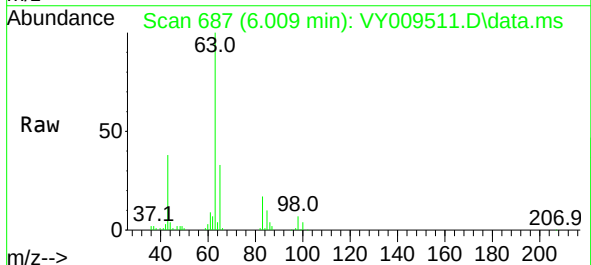


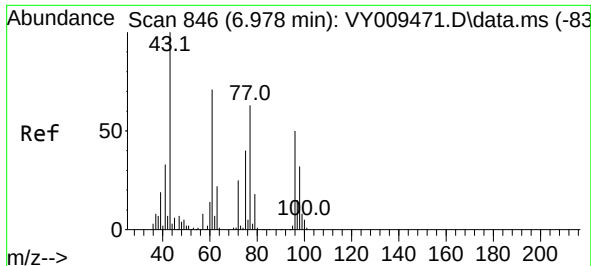
Tgt Ion: 43 Resp: 245872
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 17.869 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

Tgt Ion: 63 Resp: 48194
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 77.394 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

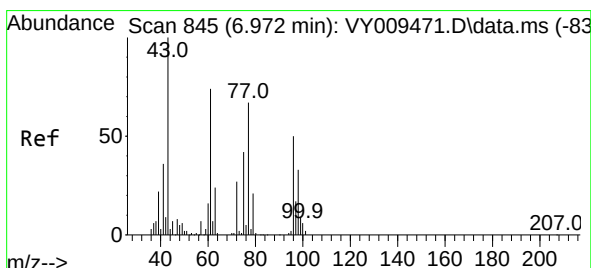
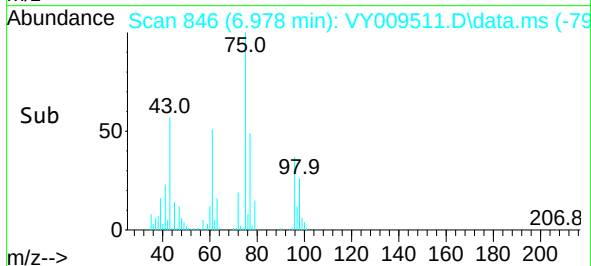
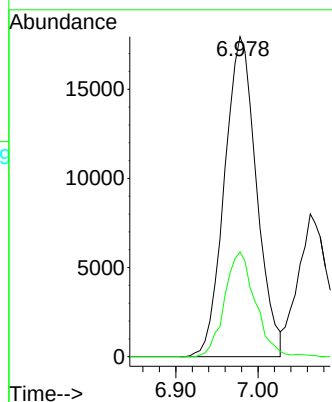
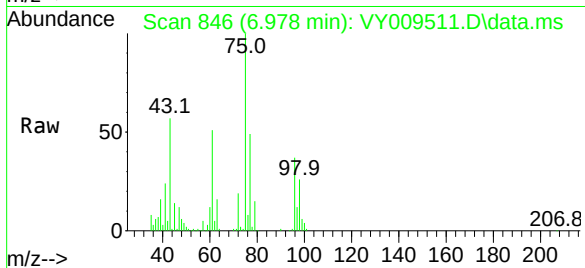
ClientSampleId :

Tgt Ion: 43 Resp: 48679

Ion Ratio Lower Upper

43 100

72 32.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.247 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009511.D

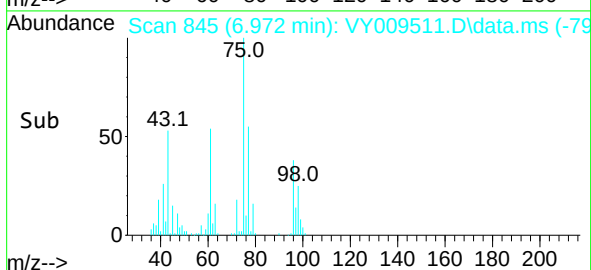
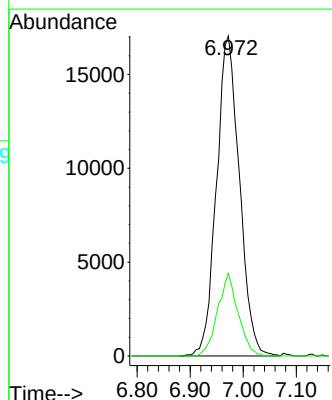
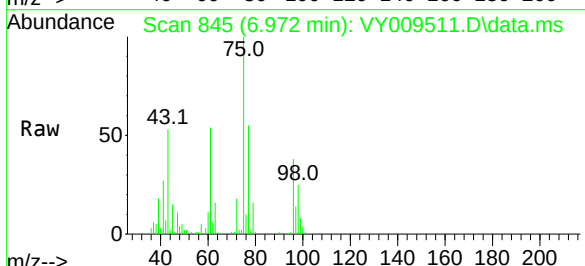
Acq: 11 Jul 2022 15:33

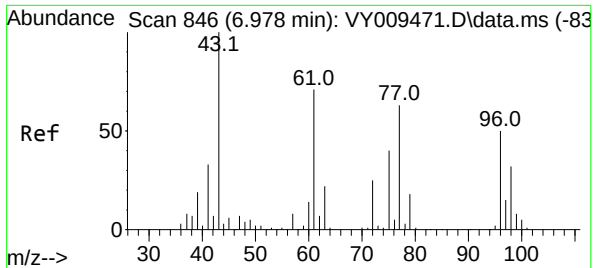
Tgt Ion: 77 Resp: 51163

Ion Ratio Lower Upper

77 100

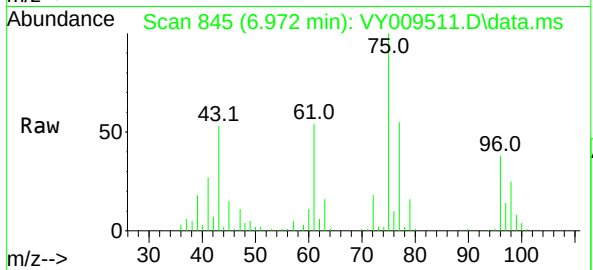
97 23.0 10.4 31.4





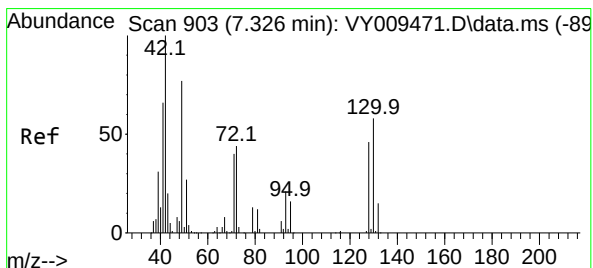
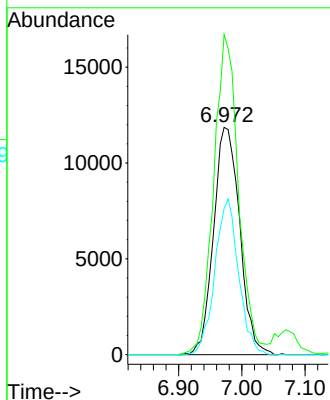
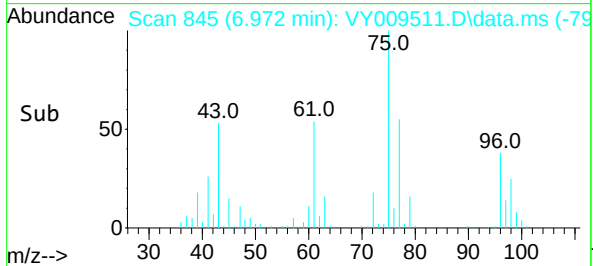
#27
 cis-1,2-Dichloroethene
 Concen: 18.857 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 34012

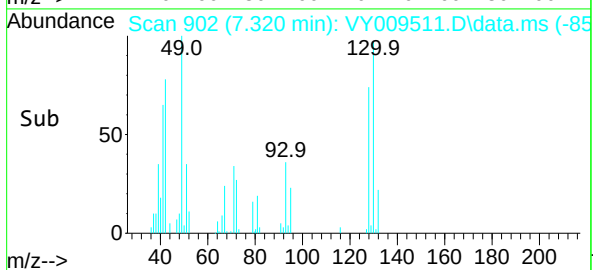
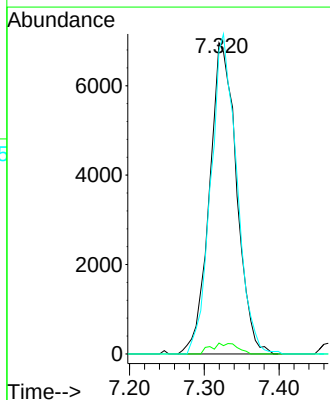
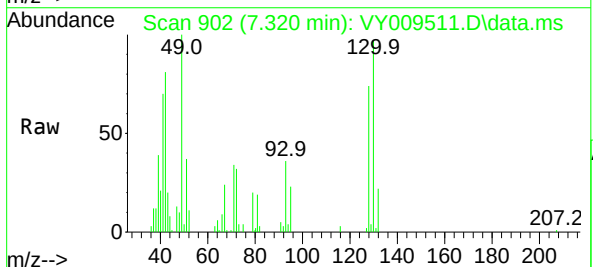
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	319.8
98	62.2	0.0	127.0

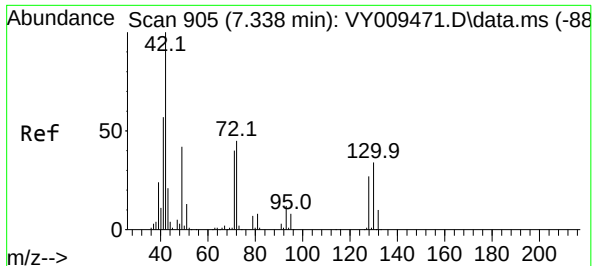


#28
 Bromochloromethane
 Concen: 15.469 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

Tgt Ion: 49 Resp: 17536

Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	2.2#
130	98.5	55.4	83.0#





#29

Tetrahydrofuran

Concen: 76.621 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

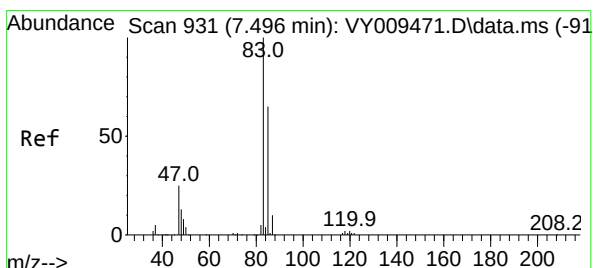
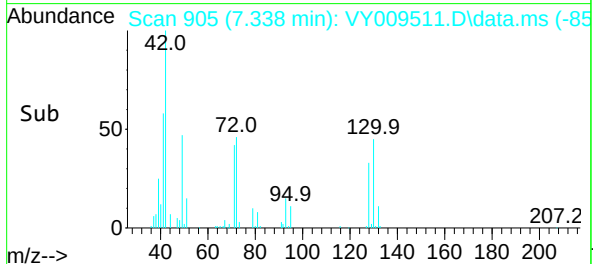
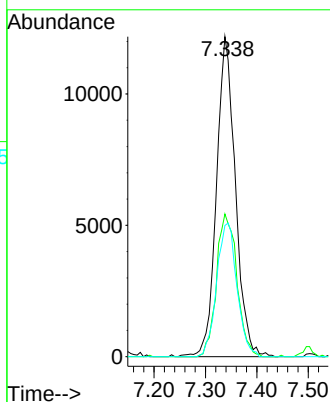
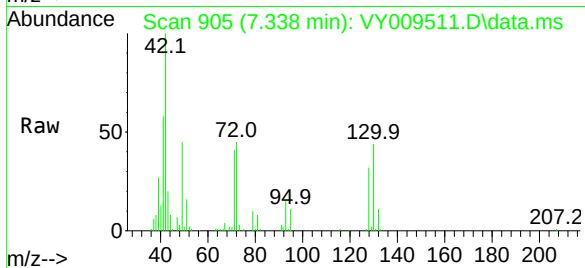
Tgt Ion: 42 Resp: 31171

Ion Ratio Lower Upper

42 100

72 48.1 30.3 45.5#

71 44.7 29.0 43.4#



#30

Chloroform

Concen: 18.161 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009511.D

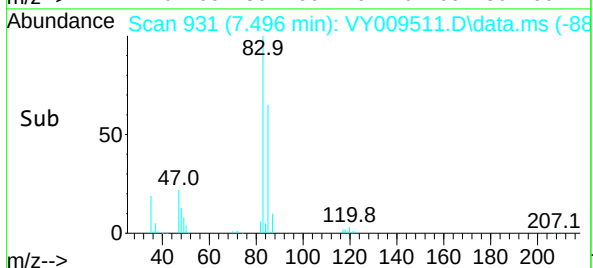
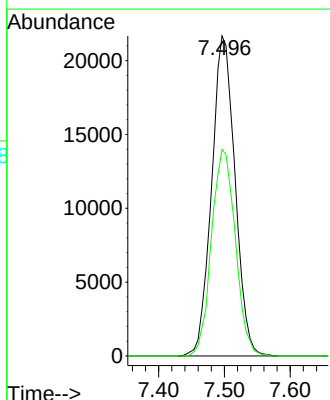
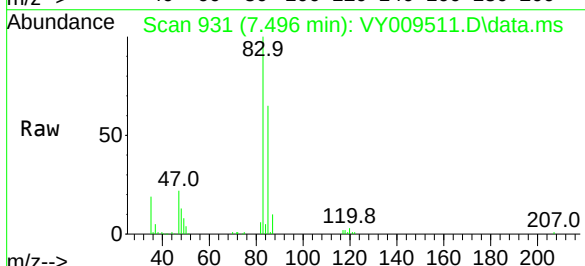
Acq: 11 Jul 2022 15:33

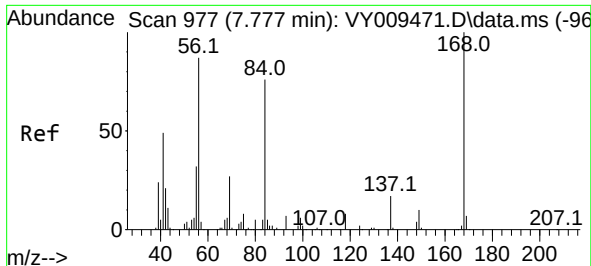
Tgt Ion: 83 Resp: 53608

Ion Ratio Lower Upper

83 100

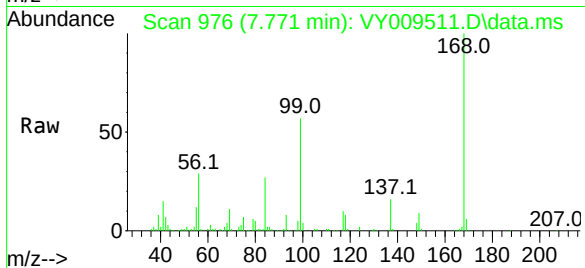
85 64.5 51.8 77.6



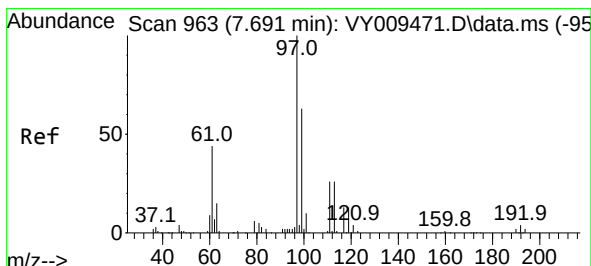
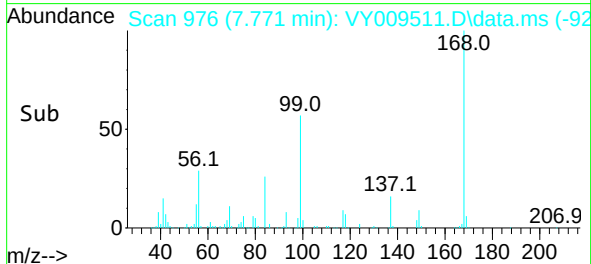
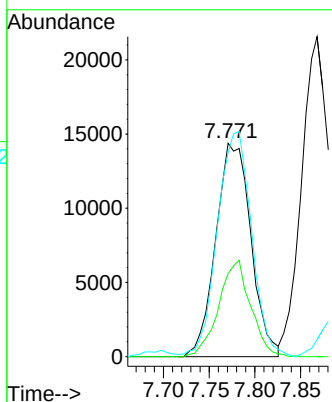


#31
Cyclohexane
Concen: 14.668 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

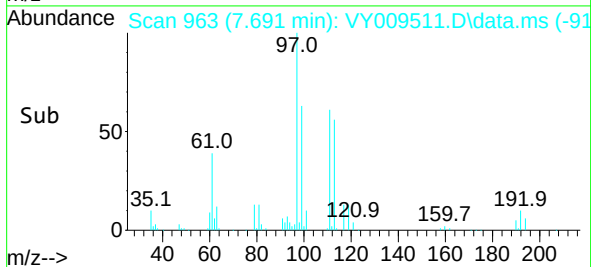
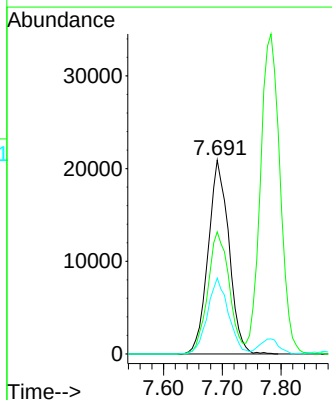
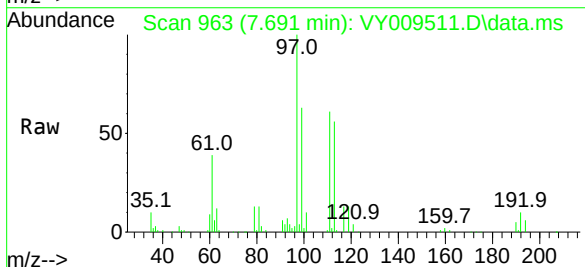


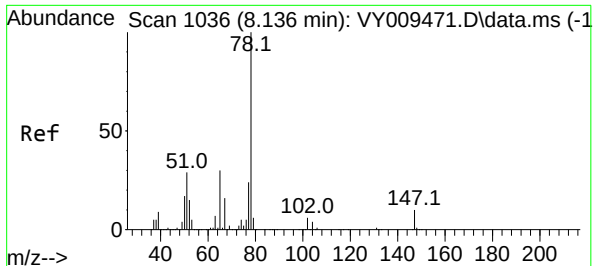
Tgt Ion: 56 Resp: 38462
Ion Ratio Lower Upper
56 100
69 38.9 26.7 40.1
84 94.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.718 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 97 Resp: 51316
Ion Ratio Lower Upper
97 100
99 65.5 50.7 76.1
61 39.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.928 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

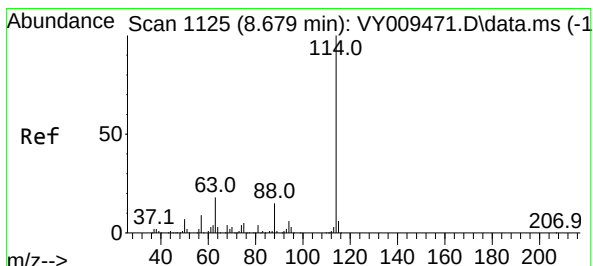
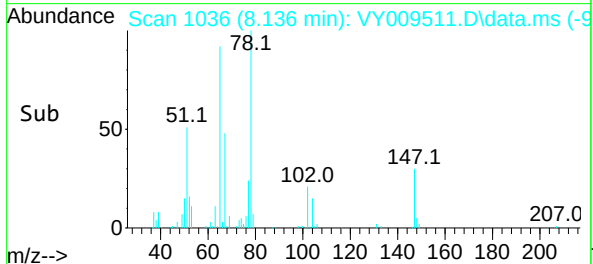
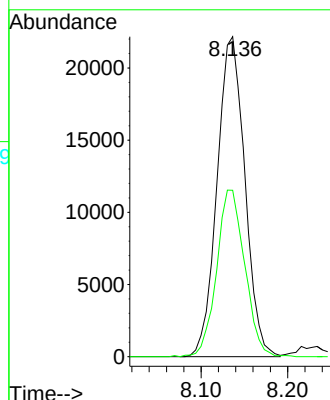
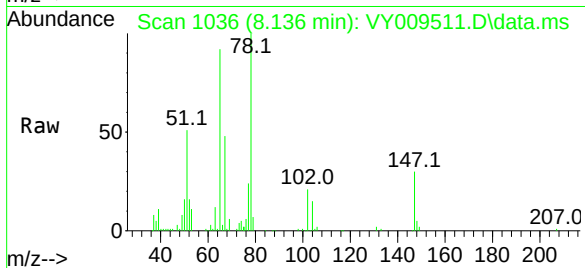
ClientSampleId :

Tgt Ion: 65 Resp: 49364

Ion Ratio Lower Upper

65 100

67 52.8 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: VY009511.D

Acq: 11 Jul 2022 15:33

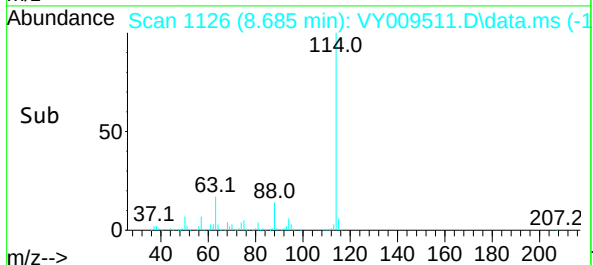
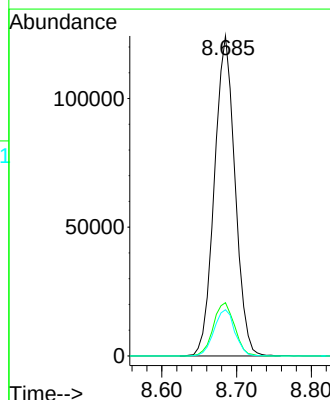
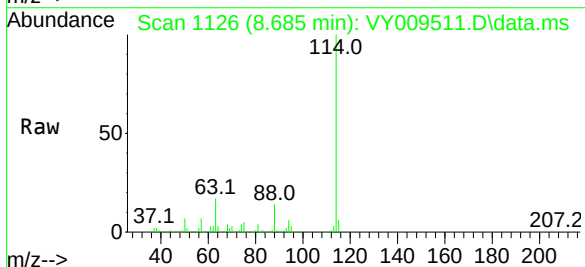
Tgt Ion: 114 Resp: 237872

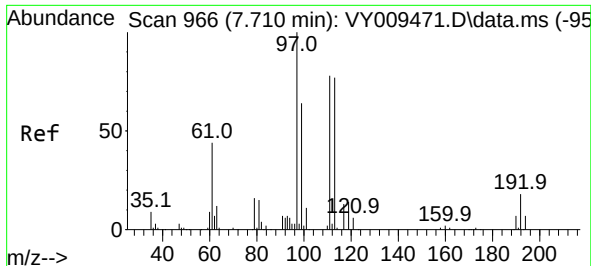
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.4 0.0 31.8

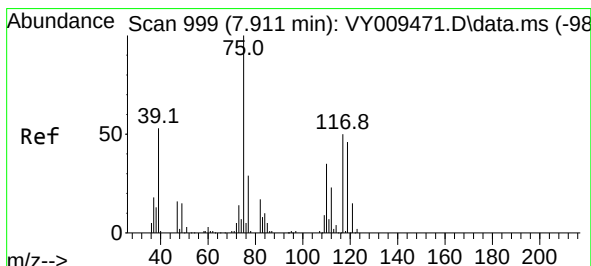
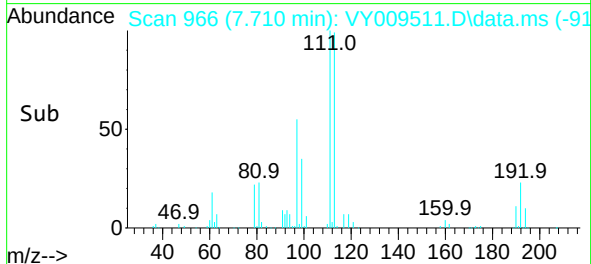
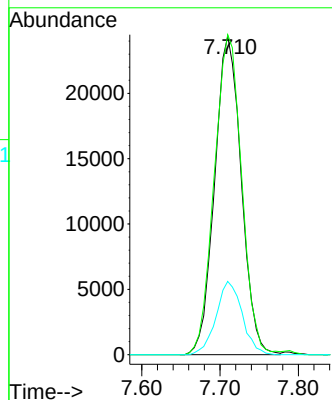
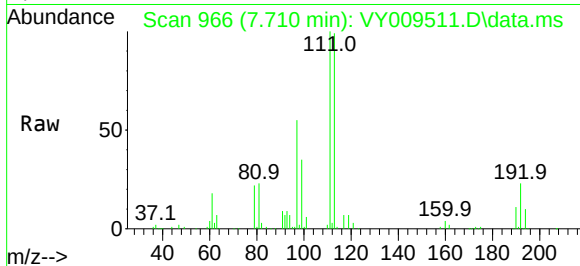




#35
Dibromofluoromethane
Concen: 45.955 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

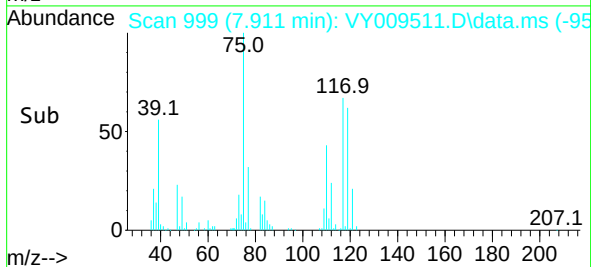
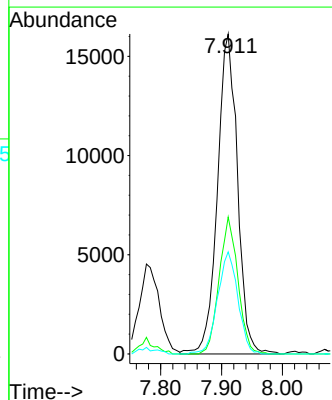
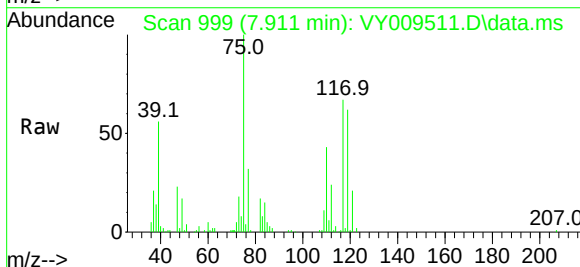
Instrument :
MSVOA_Y
ClientSampleId :

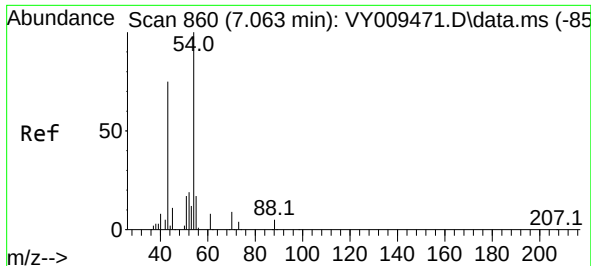
Tgt Ion:113 Resp: 57518
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 22.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.077 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

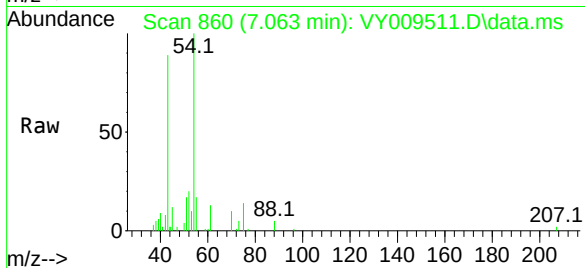
Tgt Ion: 75 Resp: 36835
Ion Ratio Lower Upper
75 100
110 40.1 17.1 51.2
77 32.3 24.4 36.6



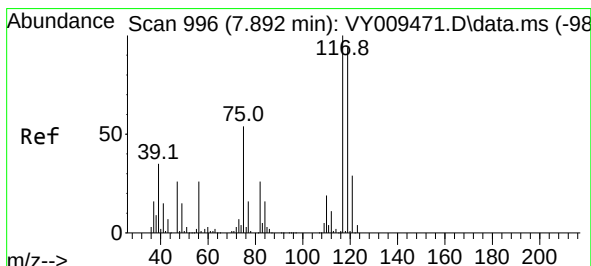
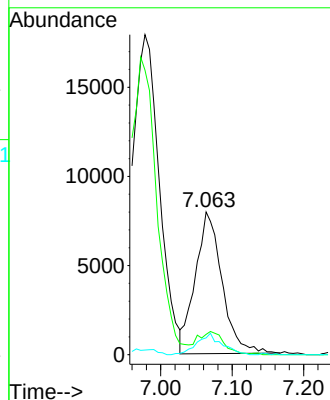
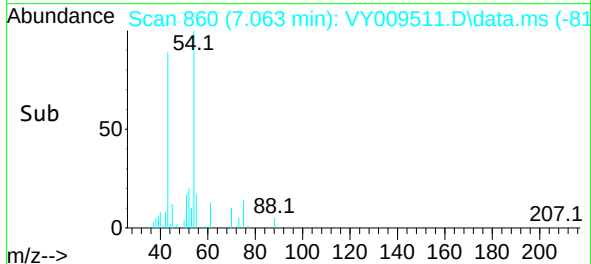


#37
Ethyl Acetate
Concen: 16.166 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

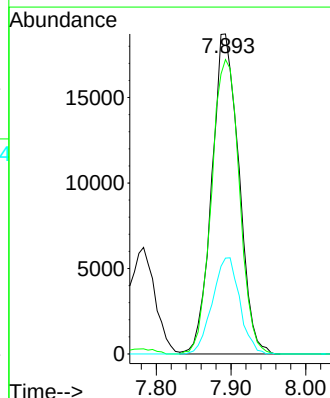
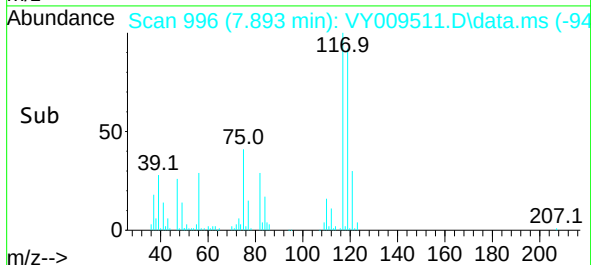
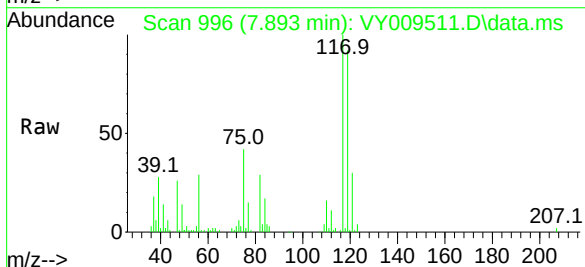


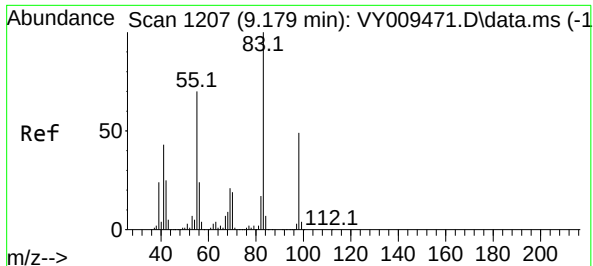
Tgt Ion: 43 Resp: 20648
Ion Ratio Lower Upper
43 100
61 15.0 9.7 14.5#
70 13.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.605 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.001 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 117 Resp: 47083
Ion Ratio Lower Upper
117 100
119 92.0 77.9 116.9
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 17.607 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

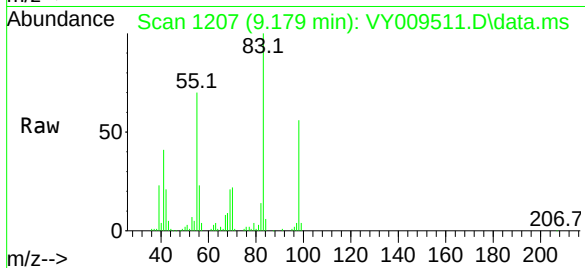
Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :



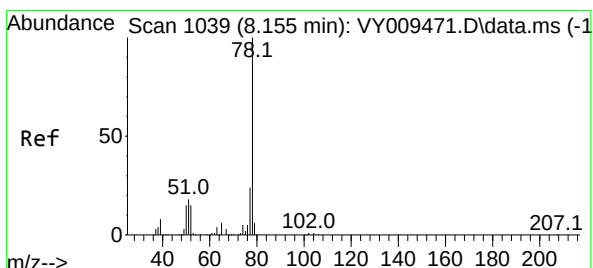
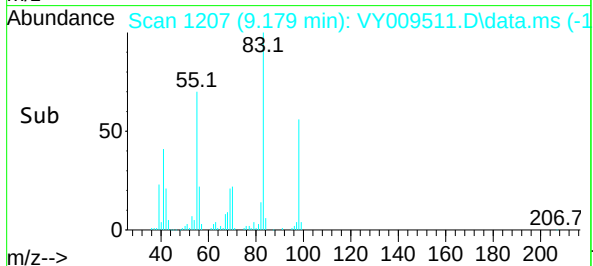
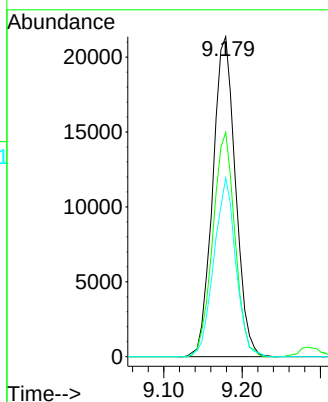
Tgt Ion: 83 Resp: 43065

Ion Ratio Lower Upper

83 100

55 70.1 66.5 99.7

98 55.9 37.9 56.9



#40

Benzene

Concen: 18.151 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009511.D

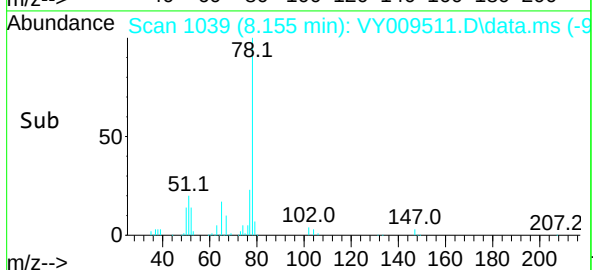
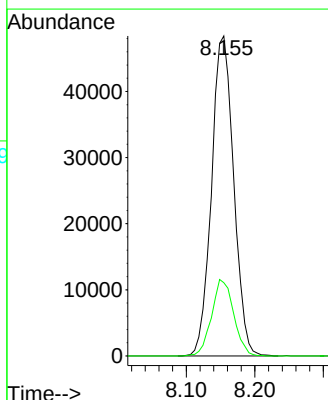
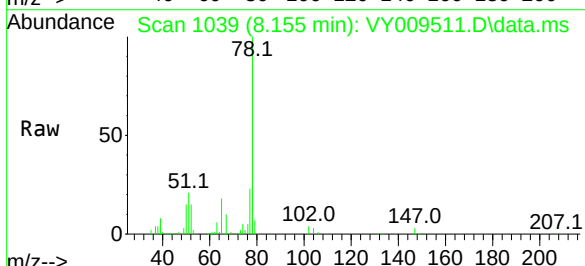
Acq: 11 Jul 2022 15:33

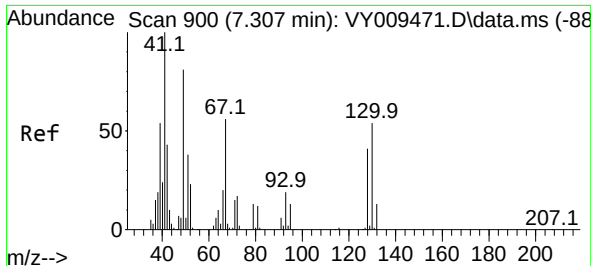
Tgt Ion: 78 Resp: 108609

Ion Ratio Lower Upper

78 100

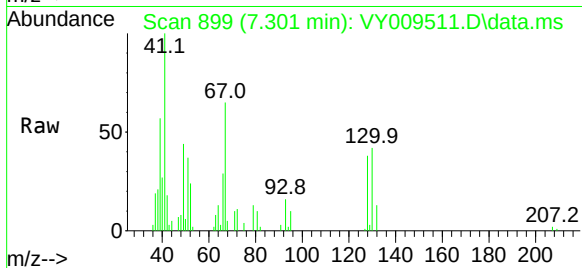
77 22.9 20.4 30.6



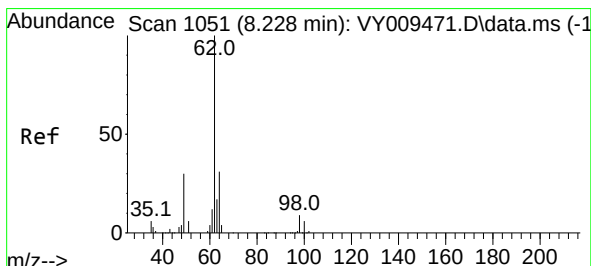
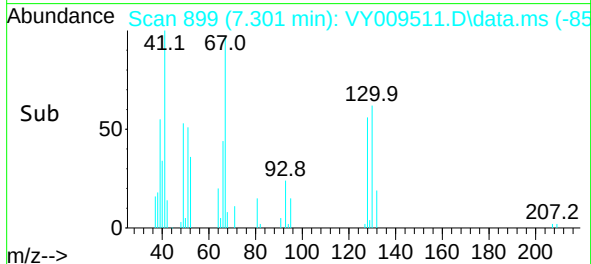
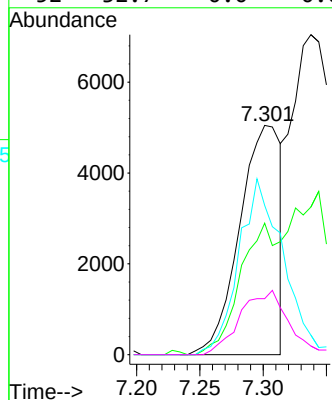


#41
Methacrylonitrile
Concen: 17.209 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :

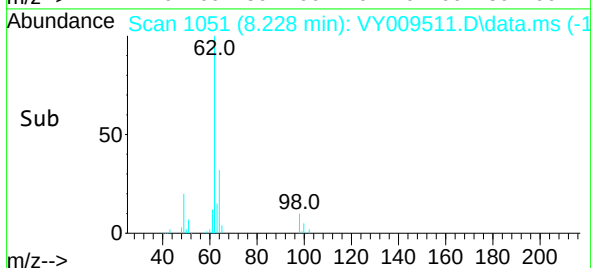
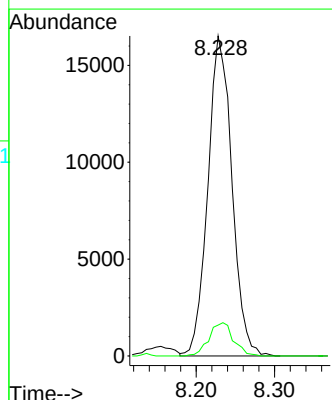
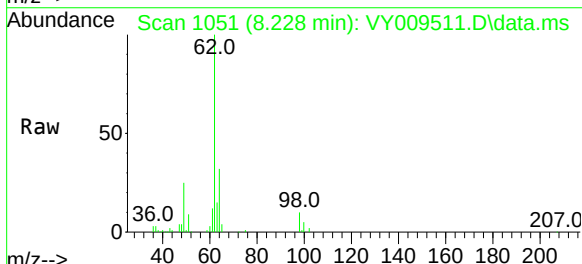


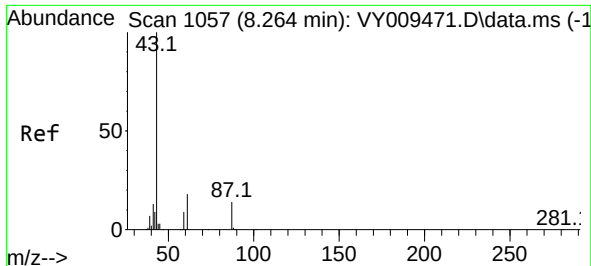
Tgt Ion: 41 Resp: 11414
Ion Ratio Lower Upper
41 100
39 46.4 92.9 139.3#
67 83.2 0.0 0.0#
52 32.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.658 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 62 Resp: 35314
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 16.897 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

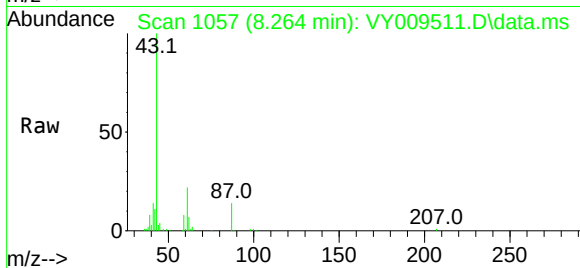
Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

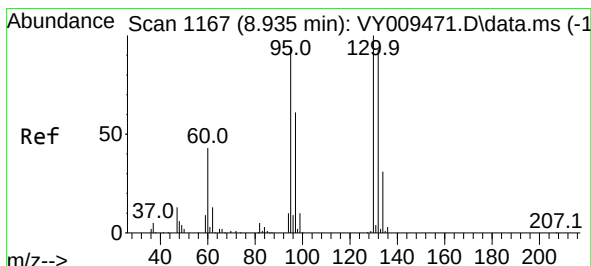
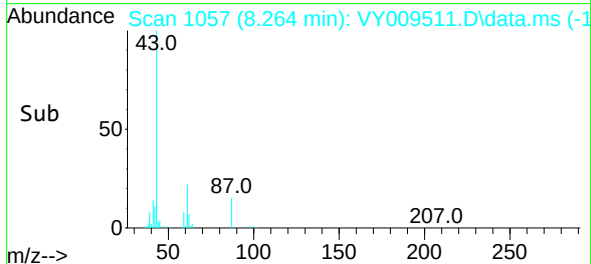
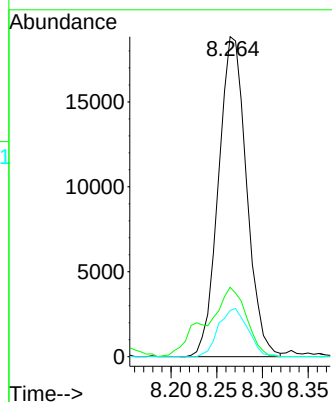
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 40270
Ion Ratio	Lower Upper
43	100
61	30.9 20.2 30.2#
87	15.8 8.9 13.3#



#44

Trichloroethene

Concen: 21.628 ug/l

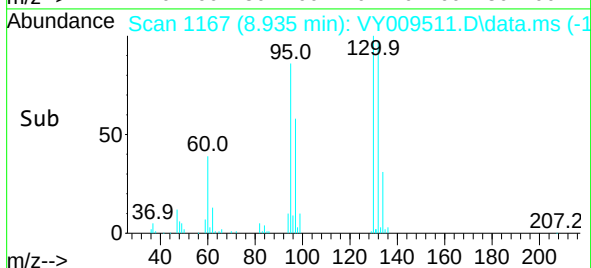
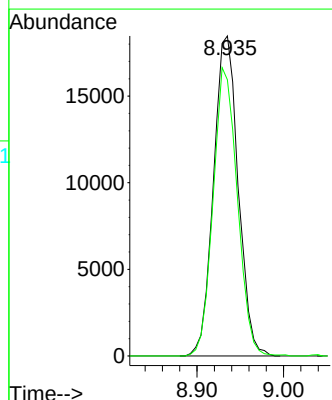
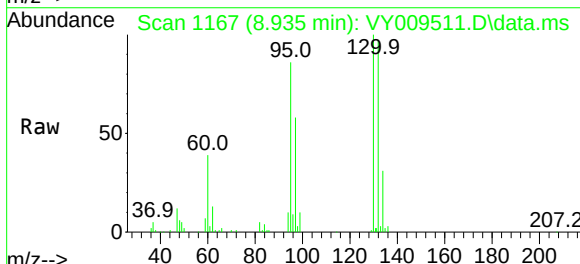
RT: 8.935 min Scan# 1167

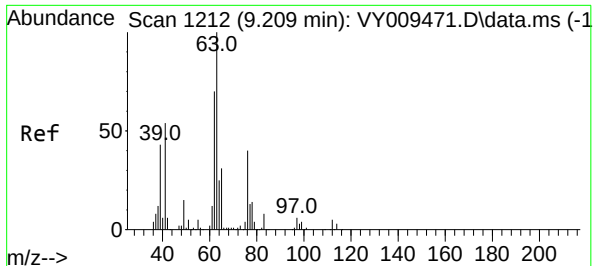
Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion: 130	Resp: 36559
Ion Ratio	Lower Upper
130	100
95	86.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 17.536 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

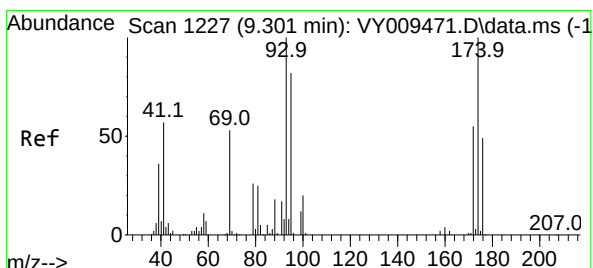
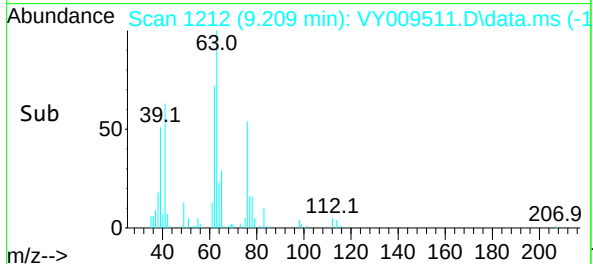
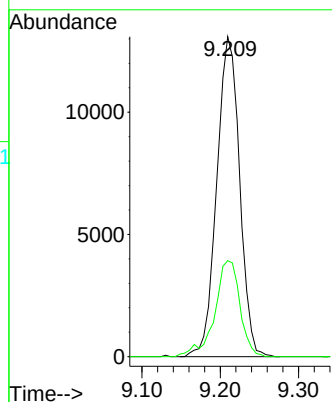
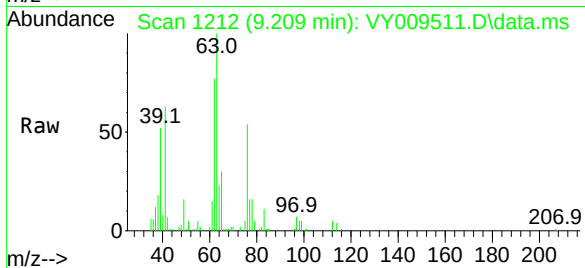
ClientSampleId :

Tgt Ion: 63 Resp: 26554

Ion Ratio Lower Upper

63 100

65 30.0 23.0 34.6



#46

Dibromomethane

Concen: 20.576 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

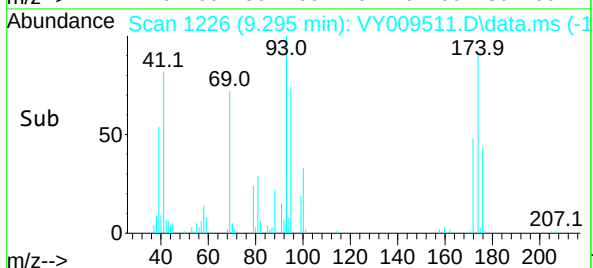
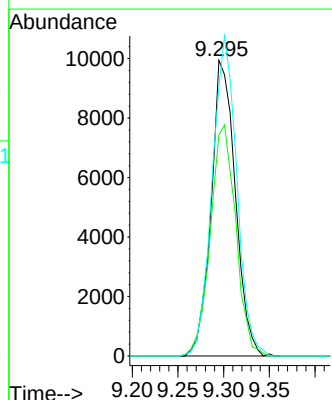
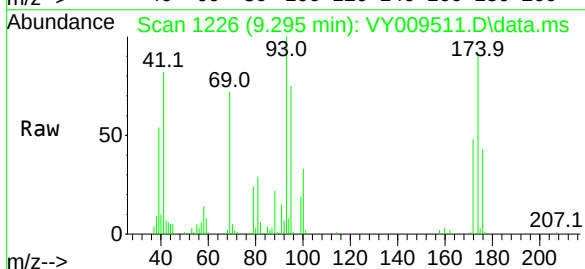
Tgt Ion: 93 Resp: 18287

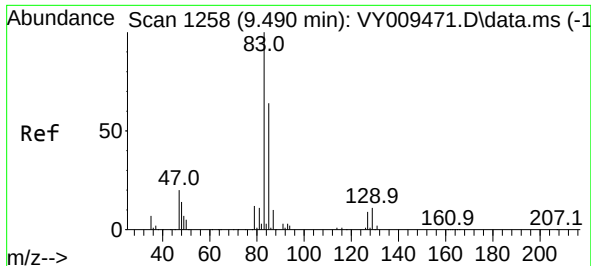
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 109.9 83.4 125.0

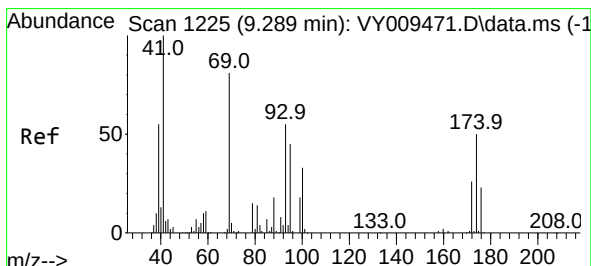
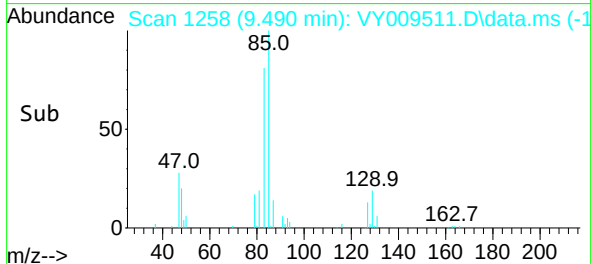
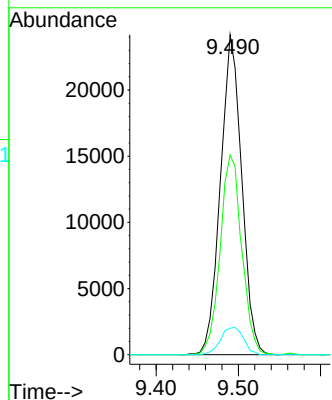
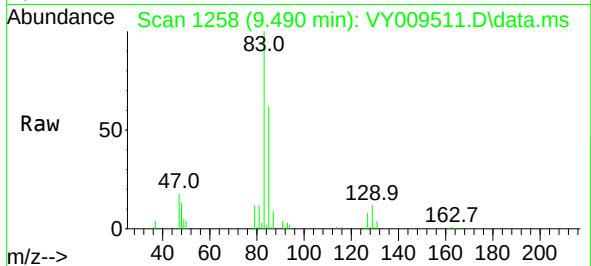




#47
Bromodichloromethane
Concen: 20.529 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

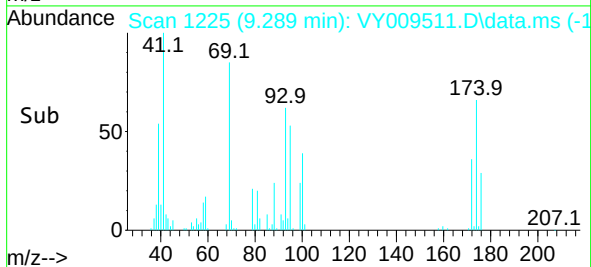
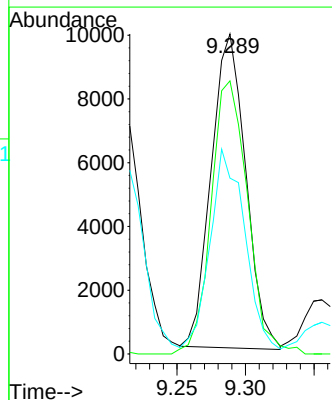
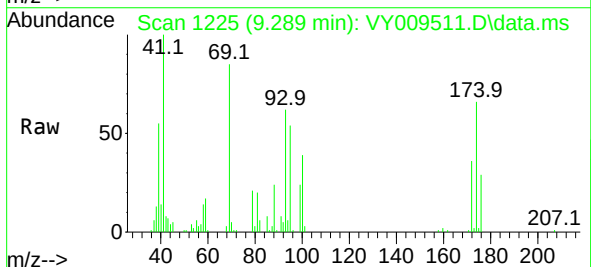
Instrument :
MSVOA_Y
ClientSampleId :

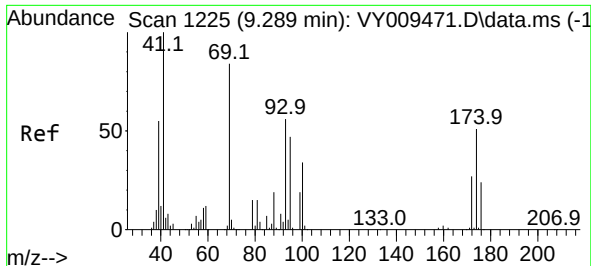
Tgt Ion: 83 Resp: 43427
Ion Ratio Lower Upper
83 100
85 62.4 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 16.799 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 41 Resp: 17249
Ion Ratio Lower Upper
41 100
69 91.9 58.2 87.2#
39 67.1 47.4 71.0





#49

1,4-Dioxane

Concen: 400.659 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

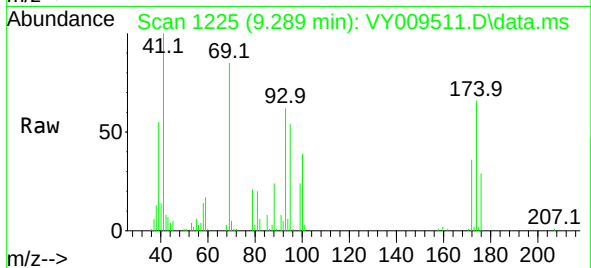
Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

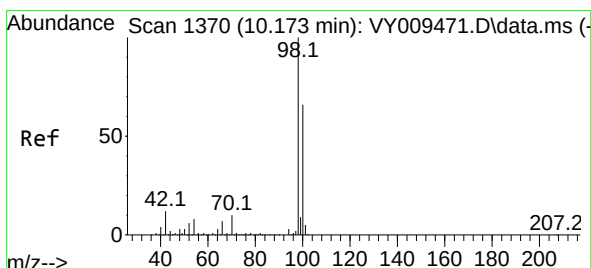
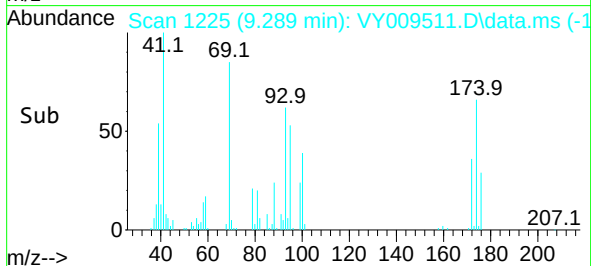
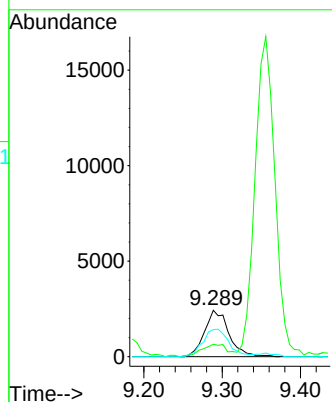
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	5244
Ion	Ratio	Lower	Upper
88	100		
43	29.4	32.8	49.2#
58	63.3	59.8	89.6



#50

Toluene-d8

Concen: 44.807 ug/l

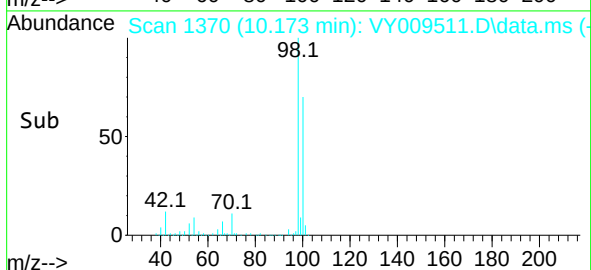
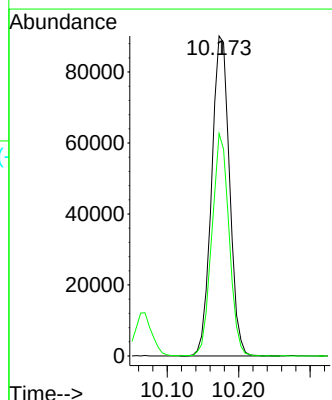
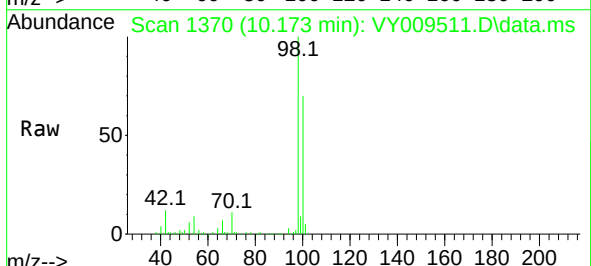
RT: 10.173 min Scan# 1370

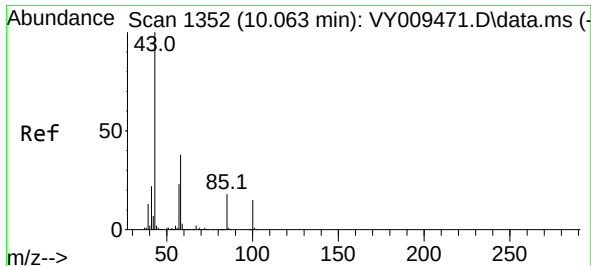
Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion:	98	Resp:	156654
Ion	Ratio	Lower	Upper
98	100		
100	66.9	50.2	75.2

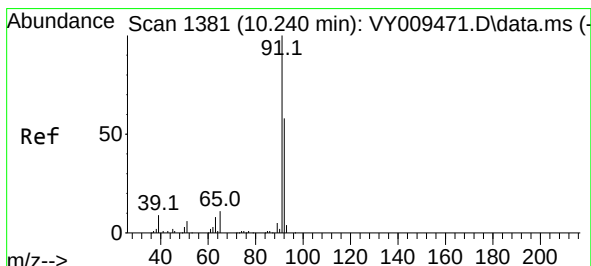
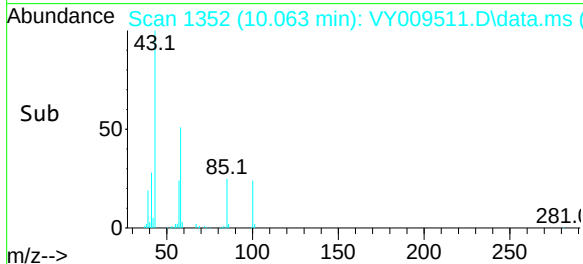
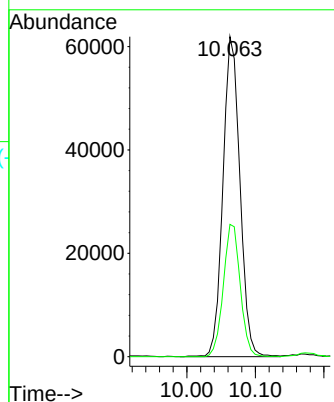
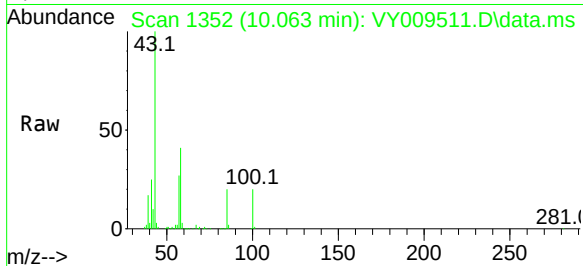




#51
4-Methyl-2-Pentanone
Concen: 84.729 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

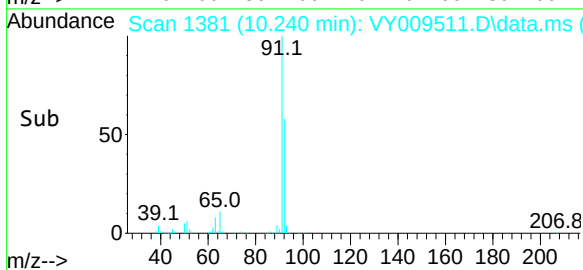
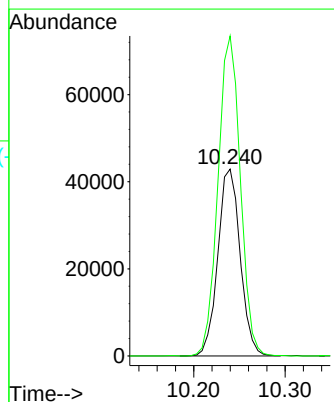
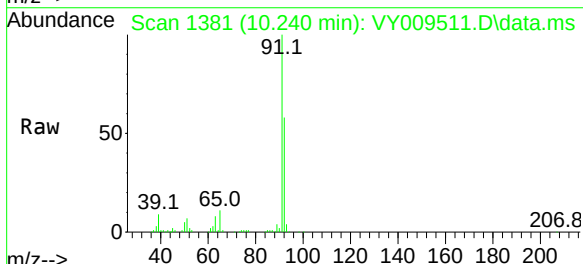
Instrument :
MSVOA_Y
ClientSampleId :

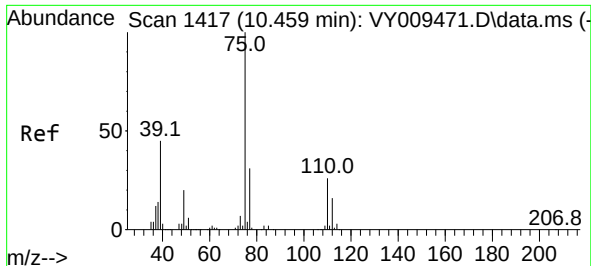
Tgt Ion: 43 Resp: 106192
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1



#52
Toluene
Concen: 19.133 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 92 Resp: 72953
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8

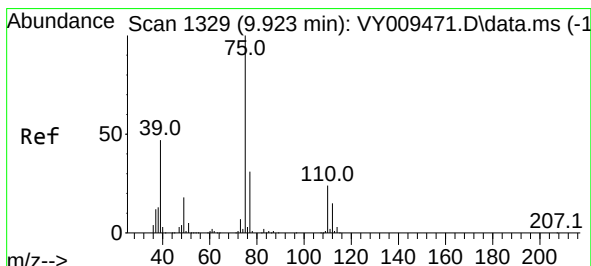
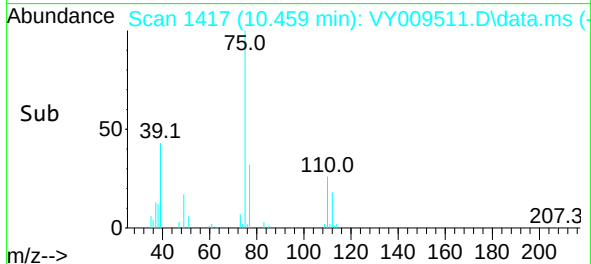
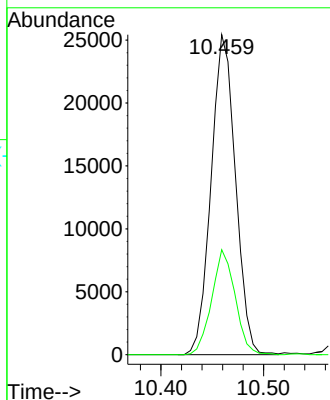
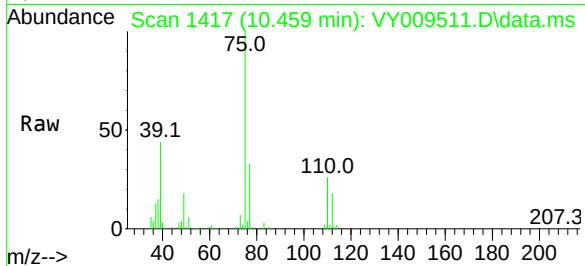




#53
t-1,3-Dichloropropene
Concen: 18.824 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

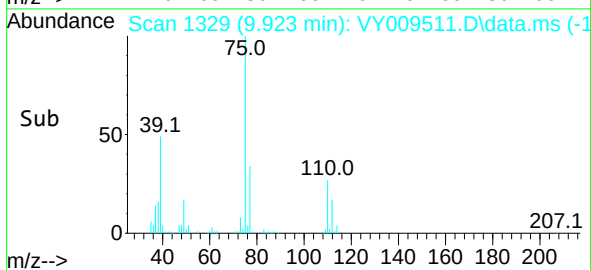
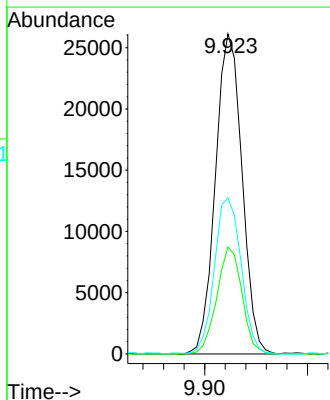
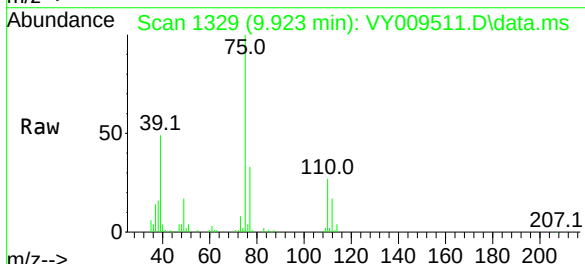
Instrument :
MSVOA_Y
ClientSampleId :

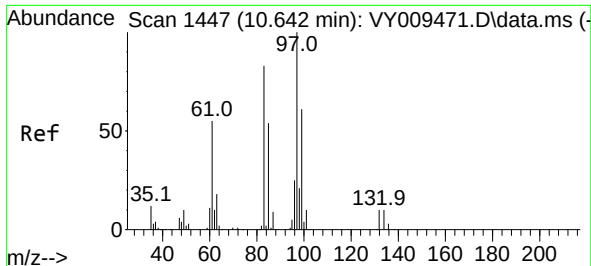
Tgt Ion: 75 Resp: 41962
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.875 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 75 Resp: 46919
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4
39 48.8 47.6 71.4

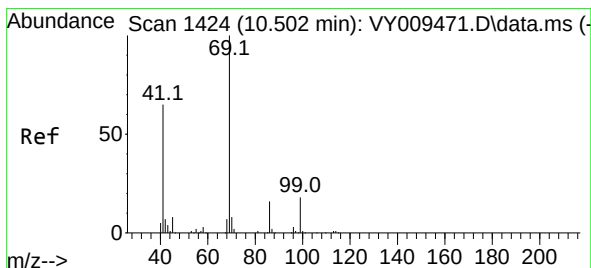
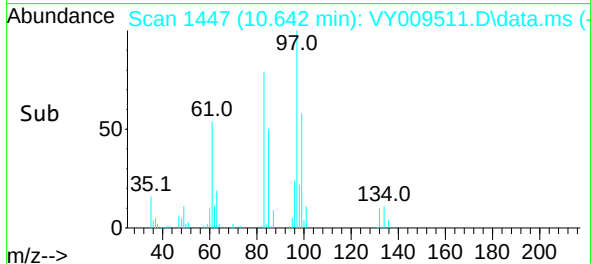
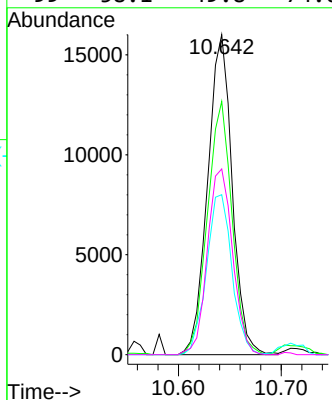
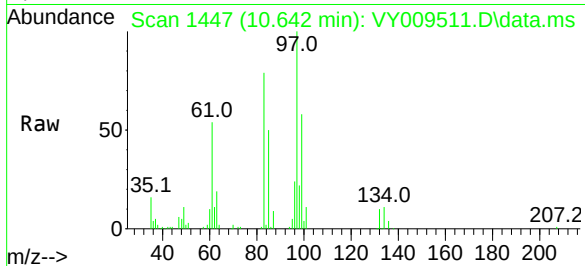




#55
1,1,2-Trichloroethane
Concen: 20.739 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

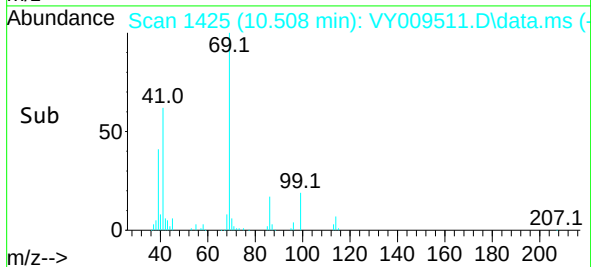
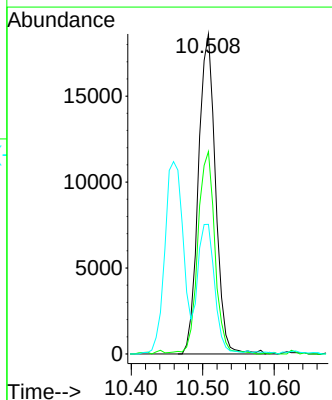
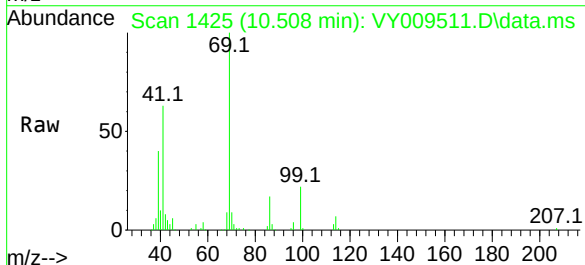
Instrument :
MSVOA_Y
ClientSampleId :

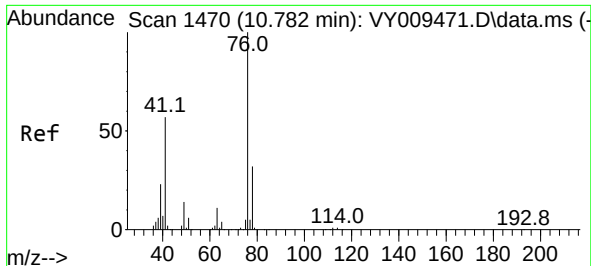
Tgt Ion: 97	Resp: 26591
Ion Ratio	Lower Upper
97 100	
83 79.1	69.8 104.8
85 50.0	44.3 66.5
99 58.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 18.197 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 69	Resp: 30975
Ion Ratio	Lower Upper
69 100	
41 63.0	63.4 95.0#
39 39.1	35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.252 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

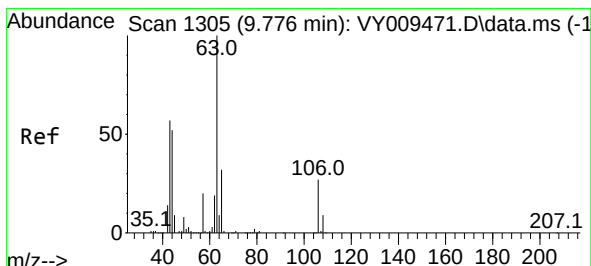
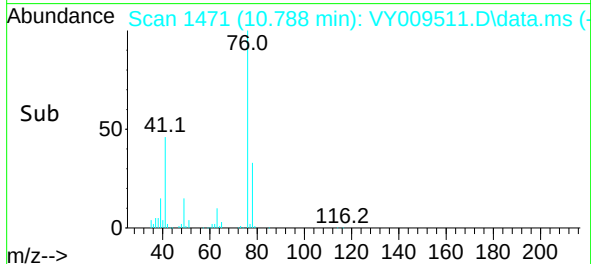
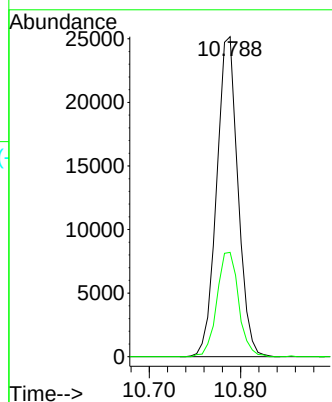
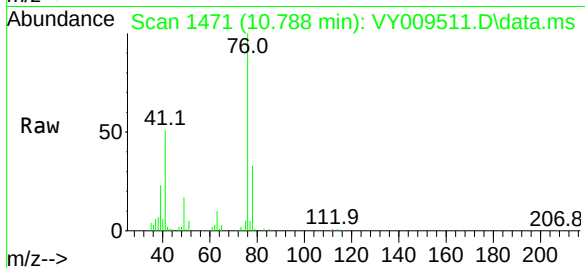
ClientSampleId :

Tgt Ion: 76 Resp: 40692

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.040 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009511.D

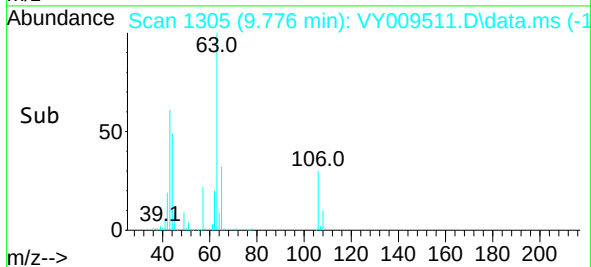
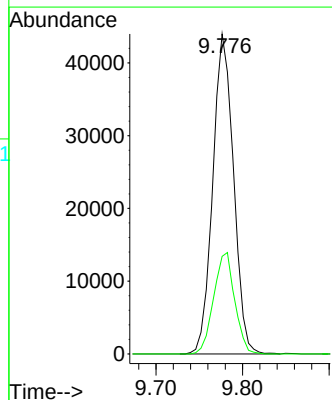
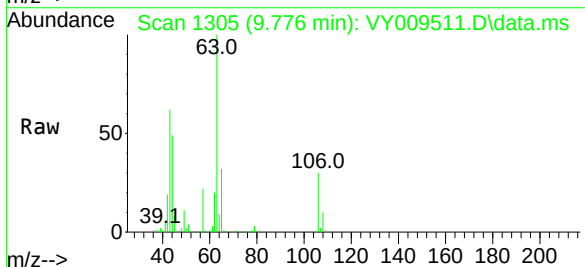
Acq: 11 Jul 2022 15:33

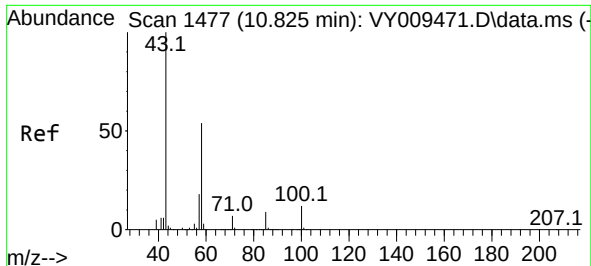
Tgt Ion: 63 Resp: 73210

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3

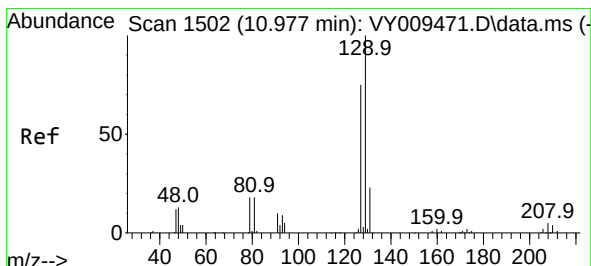
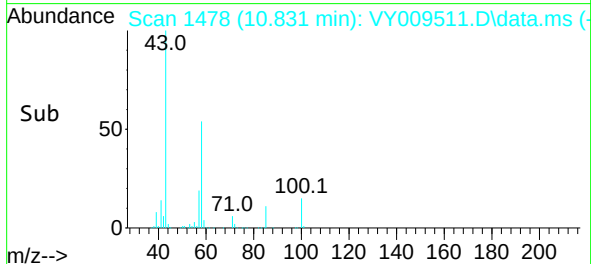
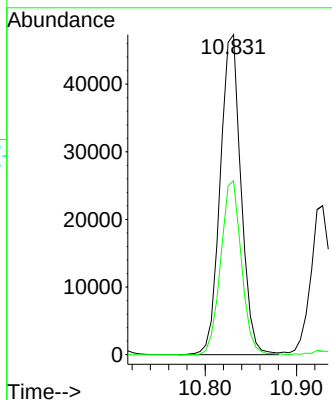
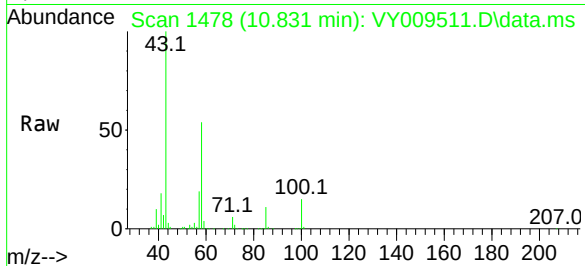




#59
2-Hexanone
Concen: 86.150 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

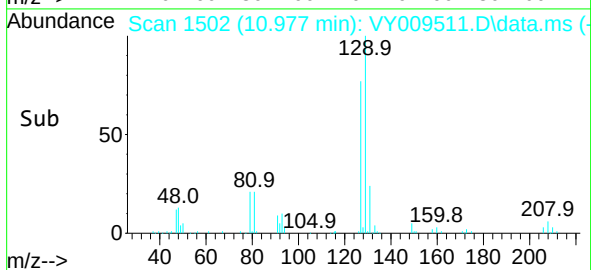
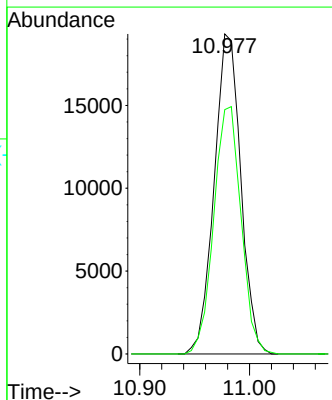
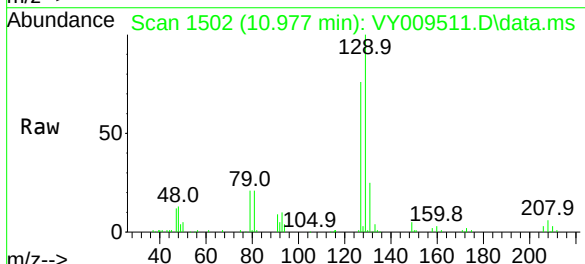
Instrument :
MSVOA_Y
ClientSampleId :

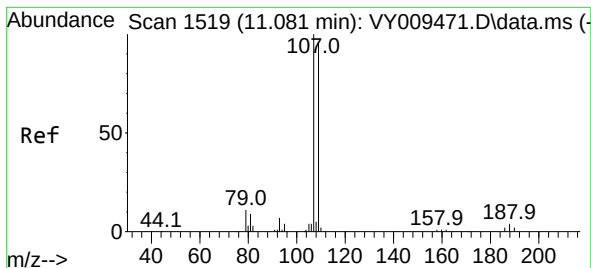
Tgt Ion: 43 Resp: 74818
Ion Ratio Lower Upper
43 100
58 54.2 24.4 73.4



#60
Dibromochloromethane
Concen: 21.005 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 129 Resp: 32613
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.874 ug/l

RT: 11.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

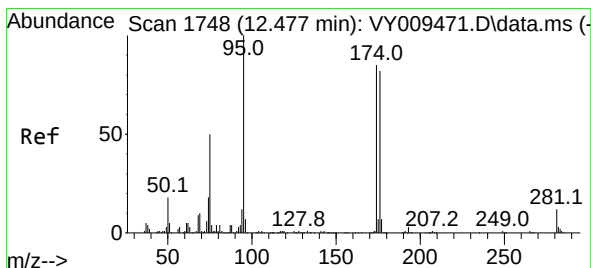
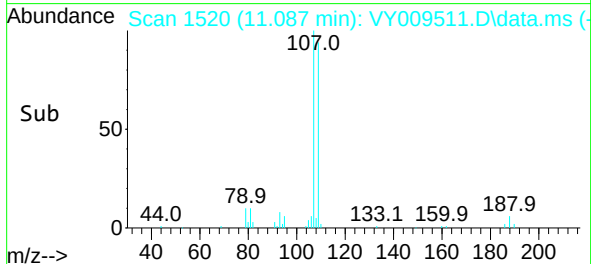
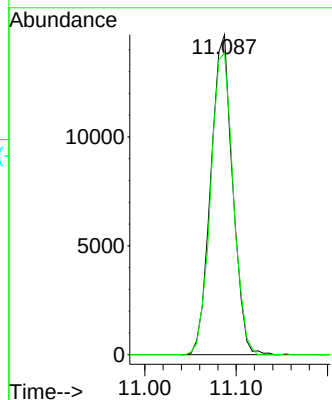
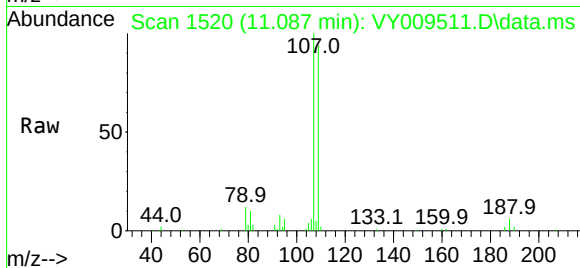
ClientSampleId :

Tgt Ion:107 Resp: 24429

Ion Ratio Lower Upper

107 100

109 97.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 57.546 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

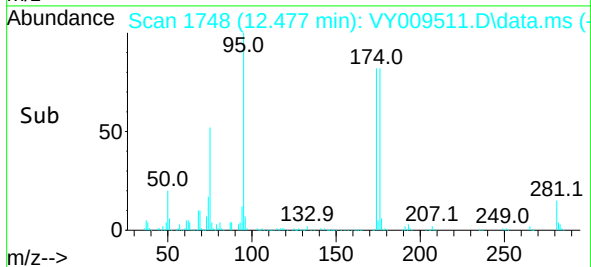
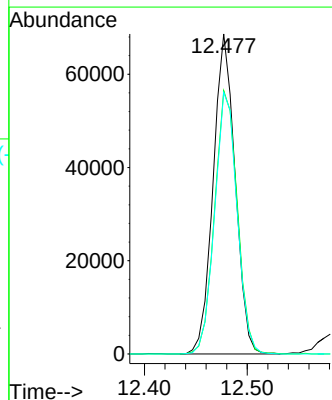
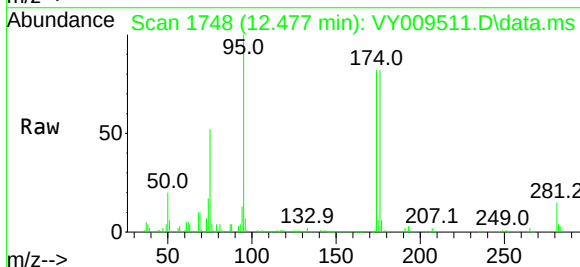
Tgt Ion: 95 Resp: 101670

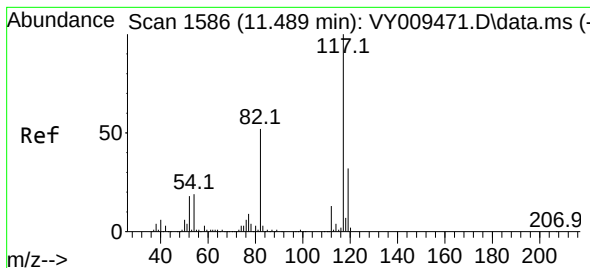
Ion Ratio Lower Upper

95 100

174 85.0 0.0 177.0

176 83.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

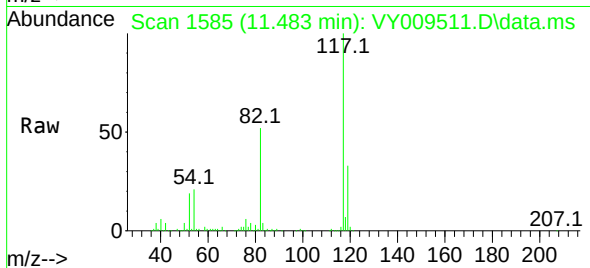
Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :



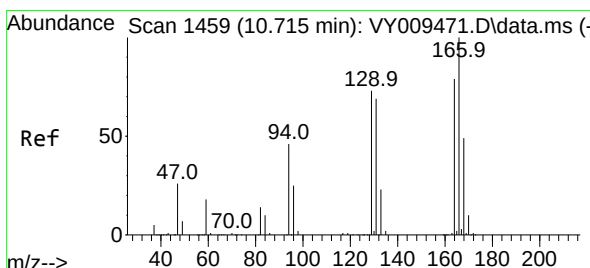
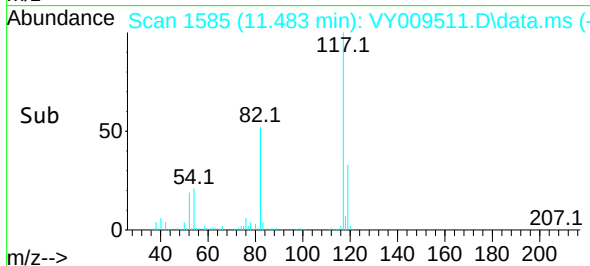
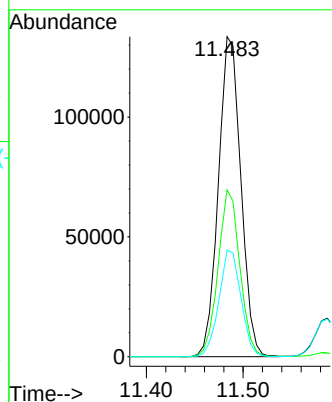
Tgt Ion:117 Resp: 215203

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

119 33.3 25.4 38.0



#64

Tetrachloroethene

Concen: 22.980 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion:164 Resp: 41348

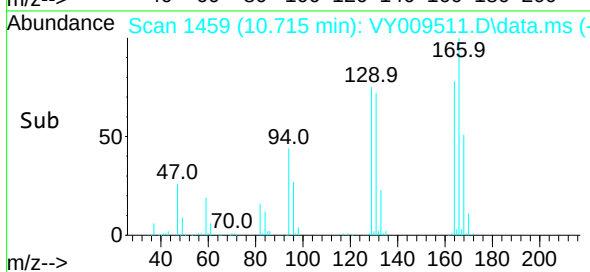
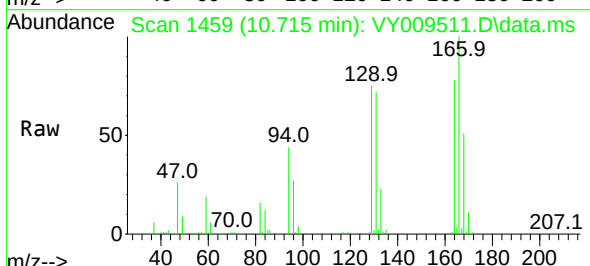
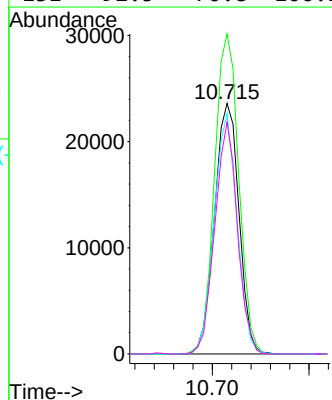
Ion Ratio Lower Upper

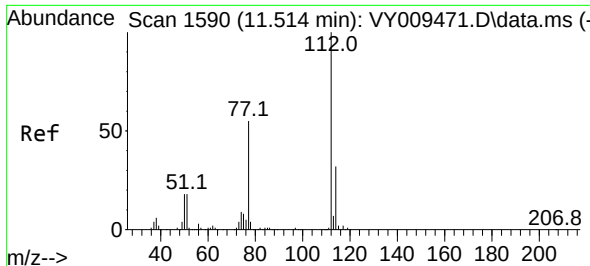
164 100

166 127.7 100.4 150.6

129 95.9 71.4 107.0

131 92.5 70.8 106.2

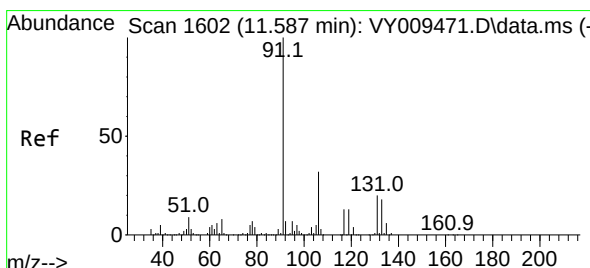
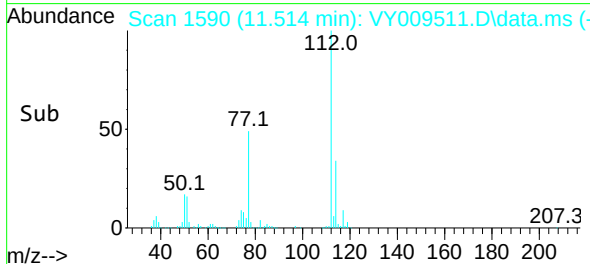
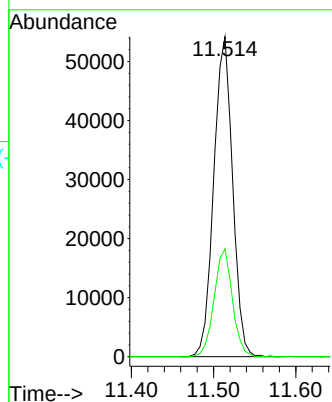
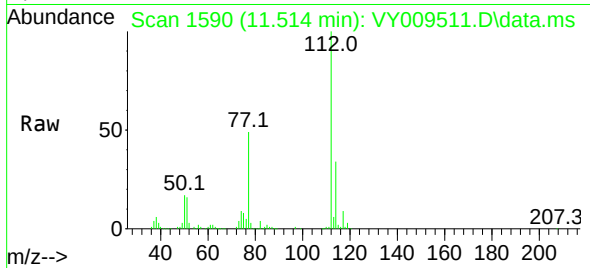




#65
Chlorobenzene
Concen: 20.388 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

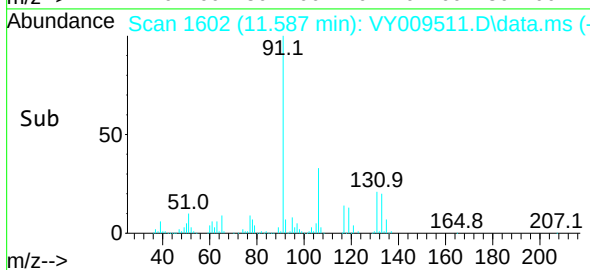
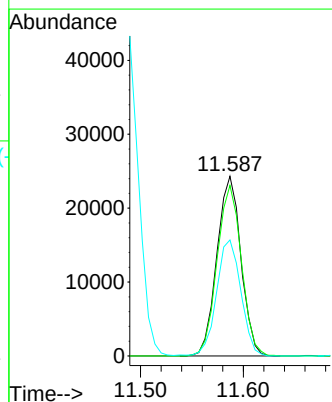
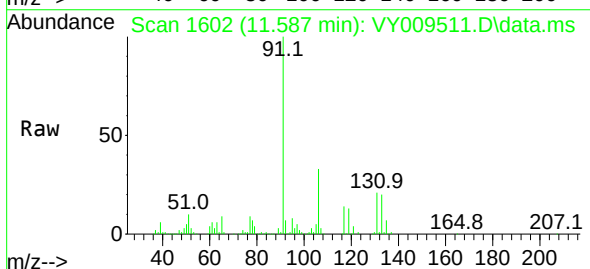
Instrument :
MSVOA_Y
ClientSampleId :

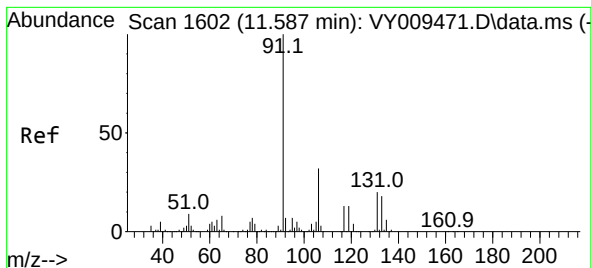
Tgt Ion:112 Resp: 86173
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.780 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion:131 Resp: 39398
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 24.518 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

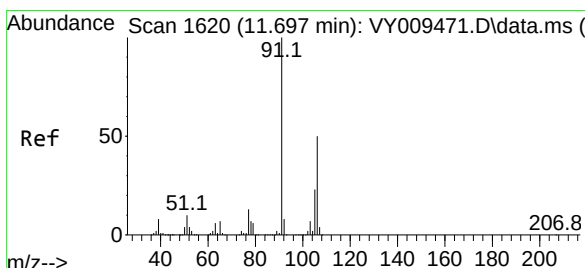
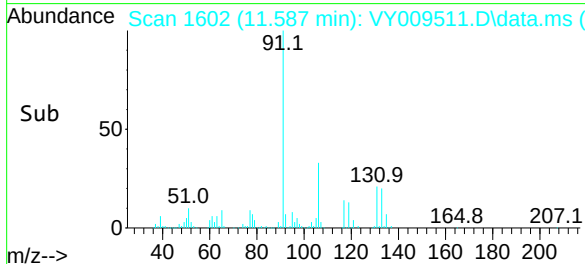
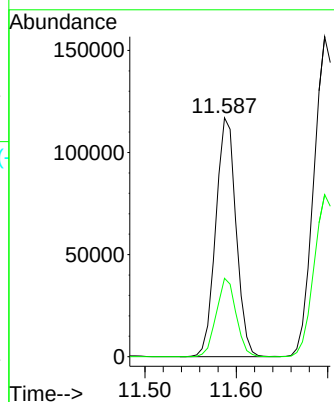
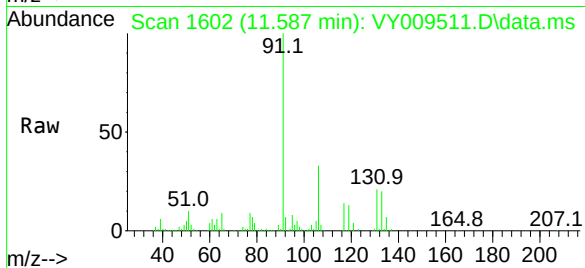
ClientSampleId :

Tgt Ion: 91 Resp: 180909

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 49.841 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009511.D

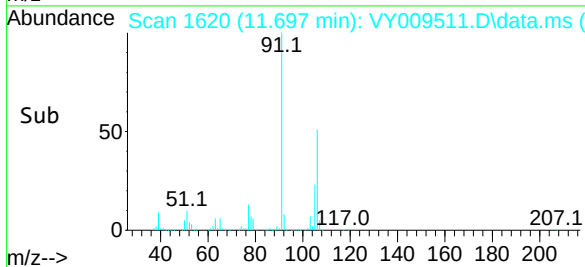
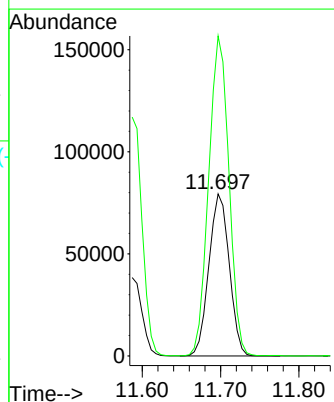
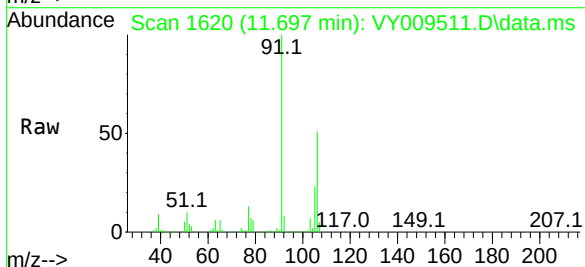
Acq: 11 Jul 2022 15:33

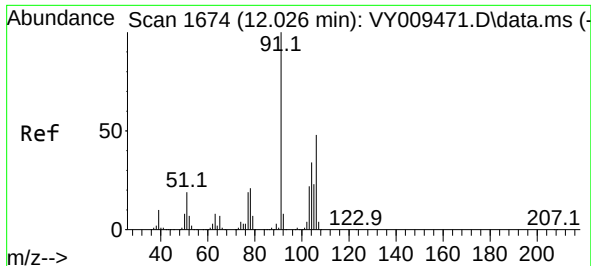
Tgt Ion:106 Resp: 143429

Ion Ratio Lower Upper

106 100

91 195.8 166.6 249.8

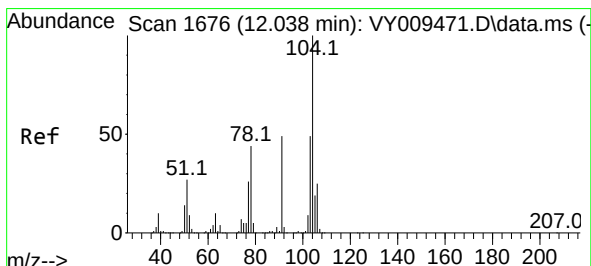
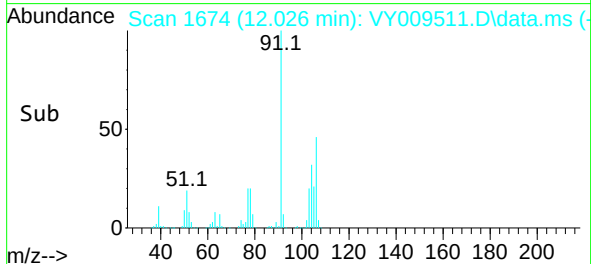
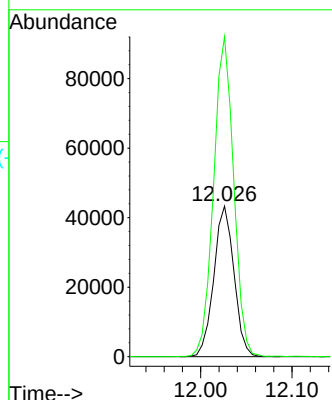
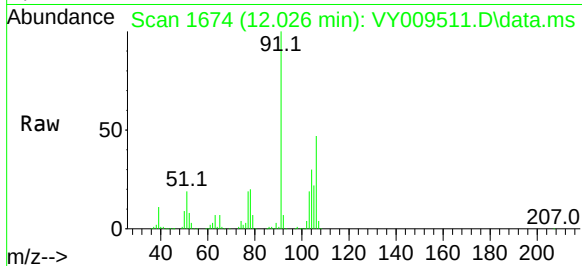




#69
o-Xylene
Concen: 24.038 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

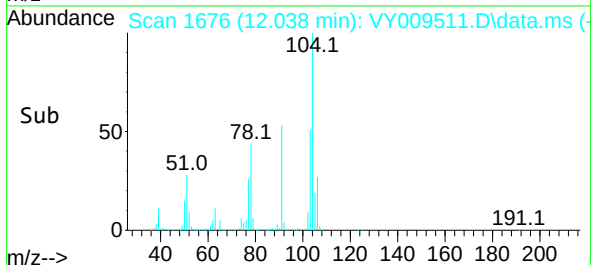
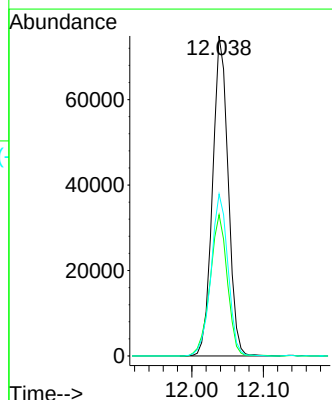
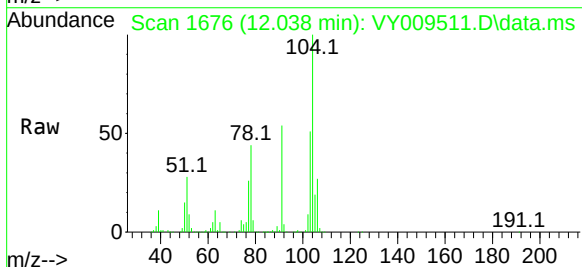
Instrument :
MSVOA_Y
ClientSampleId :

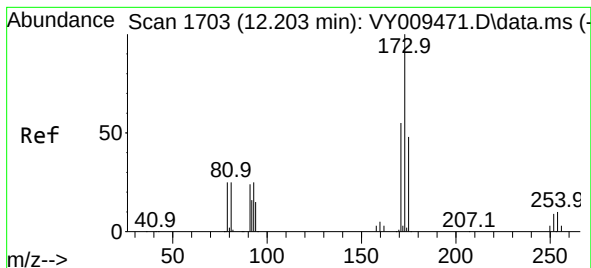
Tgt Ion:106 Resp: 66306
Ion Ratio Lower Upper
106 100
91 212.2 110.3 331.0



#70
Styrene
Concen: 24.629 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion:104 Resp: 113472
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 55.1 44.4 66.6





#71

Bromoform

Concen: 24.506 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009511.D

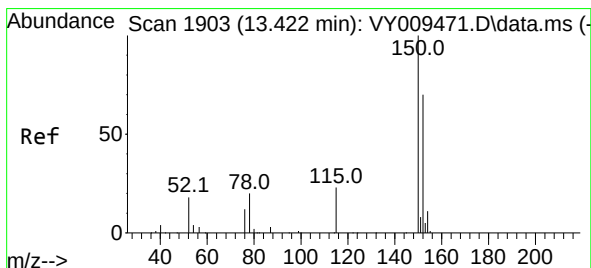
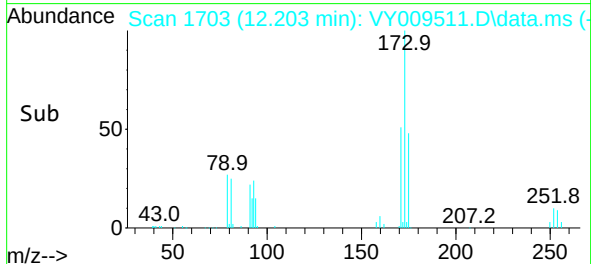
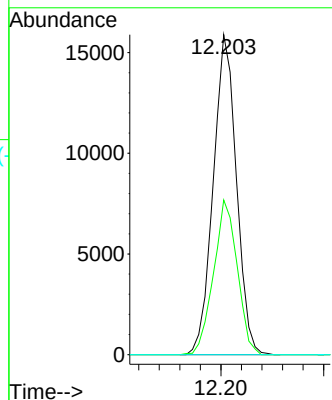
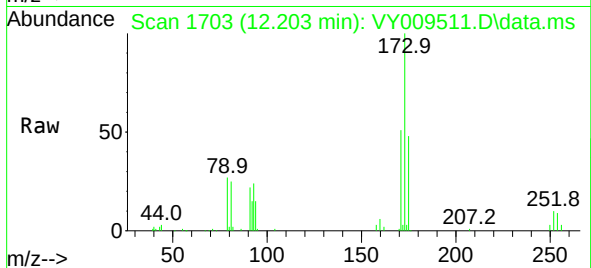
Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	24833
Ion Ratio	Lower	Upper
173	100	
175	49.4	24.6 74.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

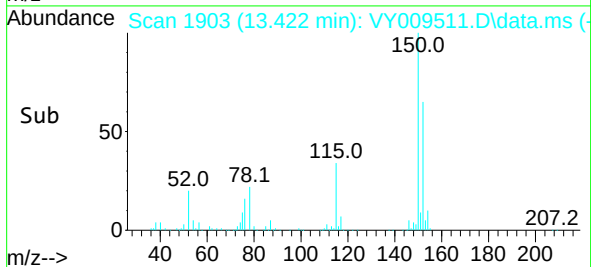
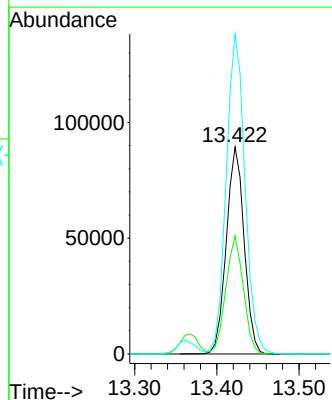
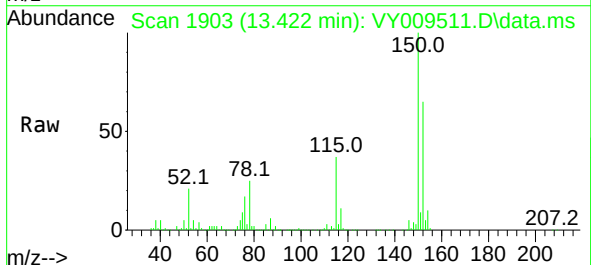
RT: 13.422 min Scan# 1903

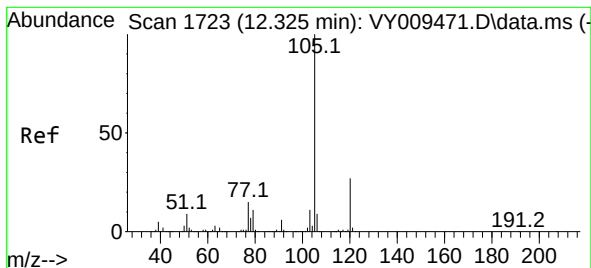
Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion:152	Resp:	134916
Ion Ratio	Lower	Upper
152	100	
115	56.1	28.2 84.7
150	162.7	0.0 347.6





#73

Isopropylbenzene

Concen: 19.534 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

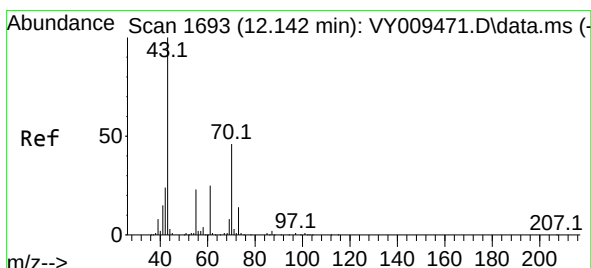
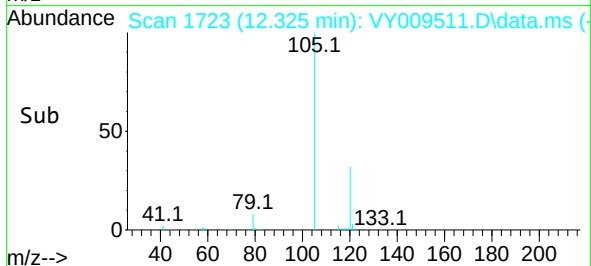
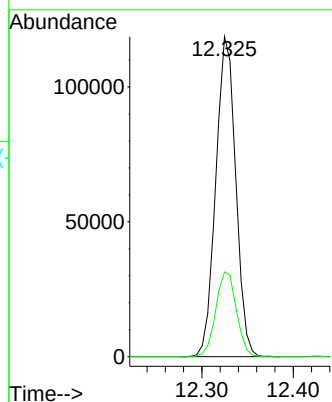
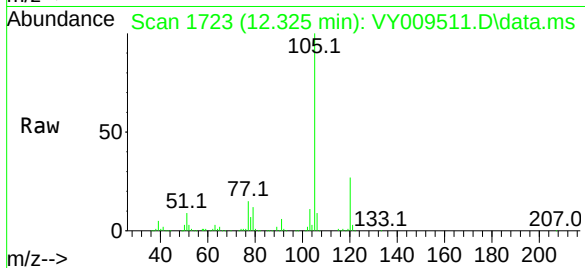
ClientSampleId :

Tgt Ion:105 Resp: 180238

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 20.476 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion: 43 Resp: 53755

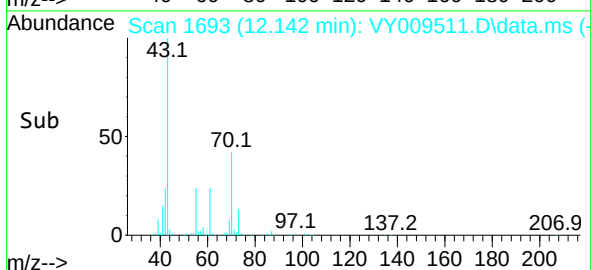
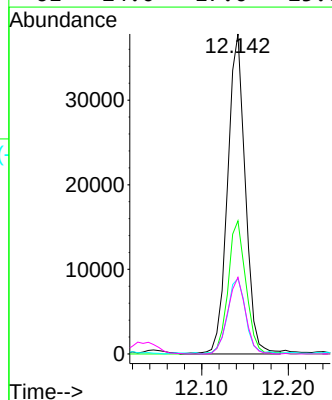
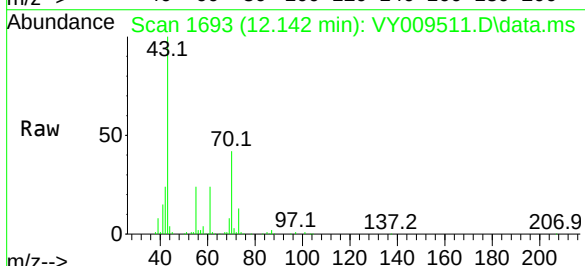
Ion Ratio Lower Upper

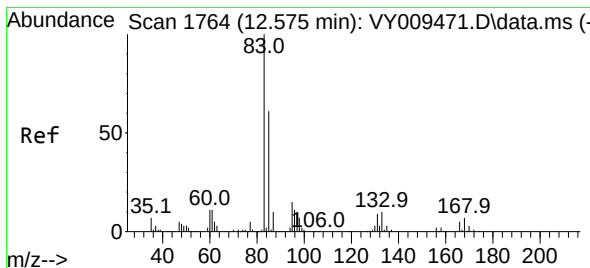
43 100

70 41.8 28.7 43.1

55 24.6 17.3 25.9

61 24.0 17.0 25.6

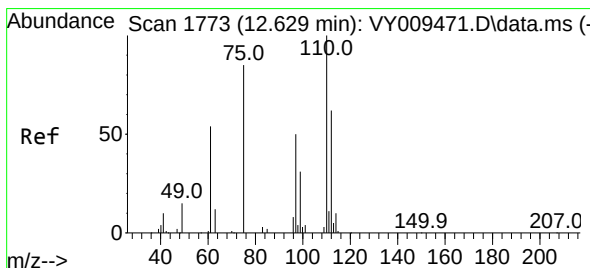
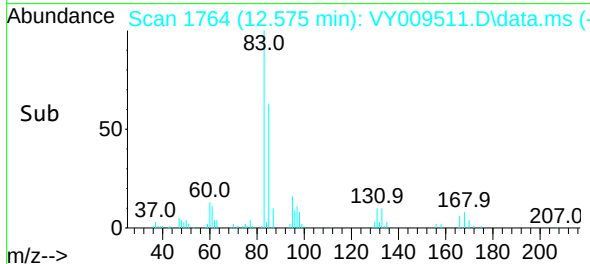
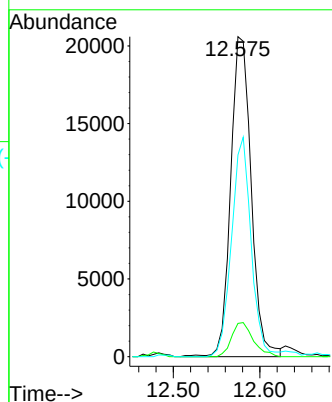
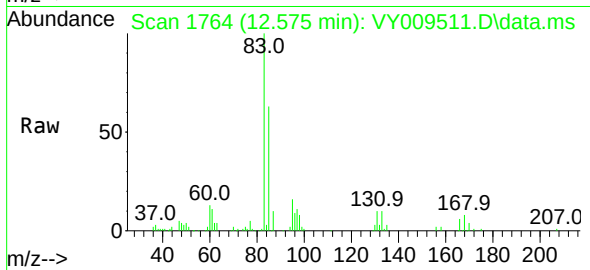




#75
 1,1,2-Tetrachloroethane
 Concen: 18.344 ug/l
 RT: 12.575 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

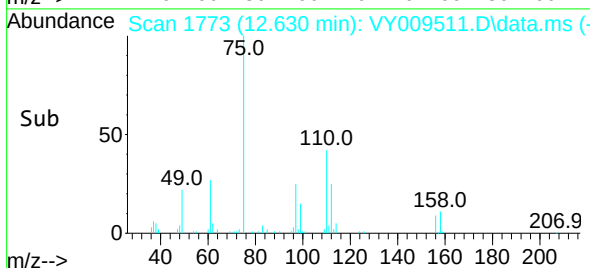
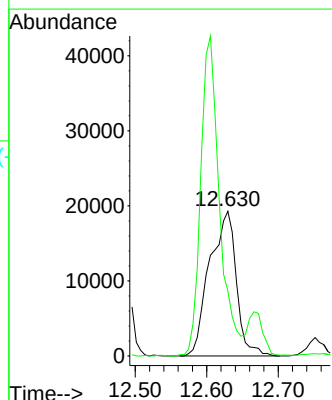
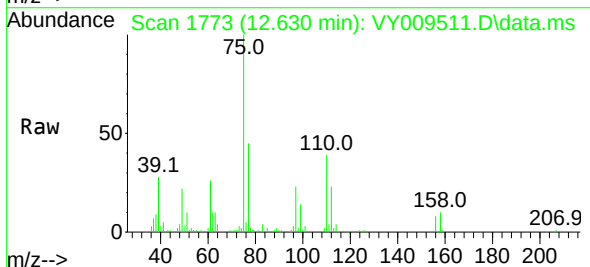
Instrument :
 MSVOA_Y
 ClientSampleId :

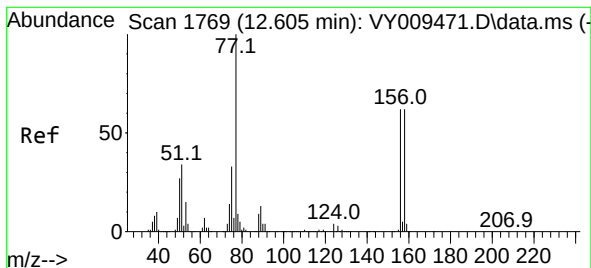
Tgt Ion: 83 Resp: 33890
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.6 16.8
 85 65.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.132 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

Tgt Ion: 75 Resp: 50175
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.742 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009511.D

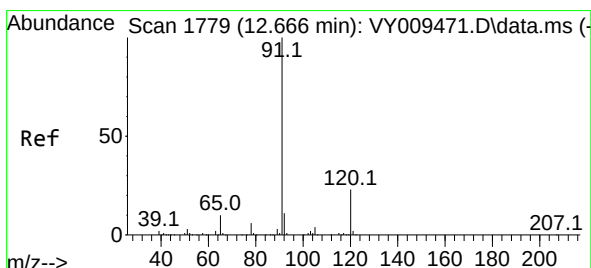
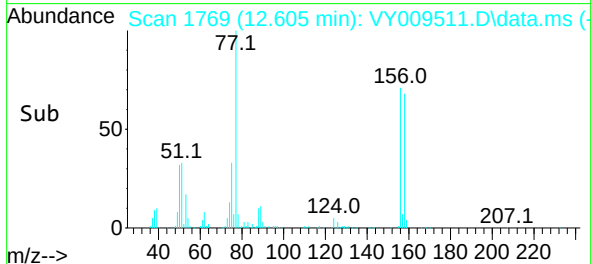
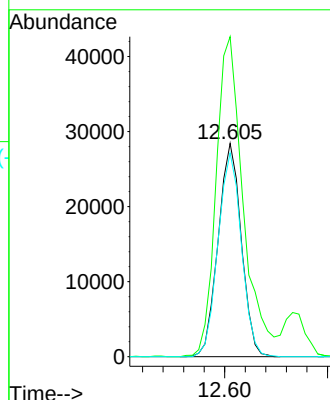
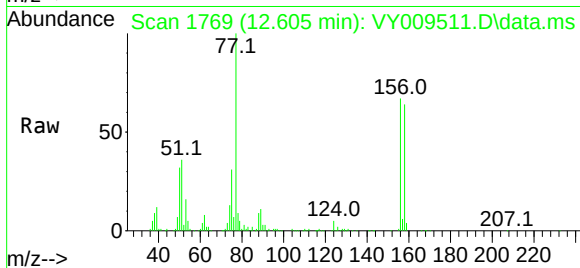
Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	44346
Ion Ratio	Lower	Upper	
156	100		
77	175.1	95.5	286.4
158	96.6	48.0	144.0



#78

n-propylbenzene

Concen: 19.841 ug/l

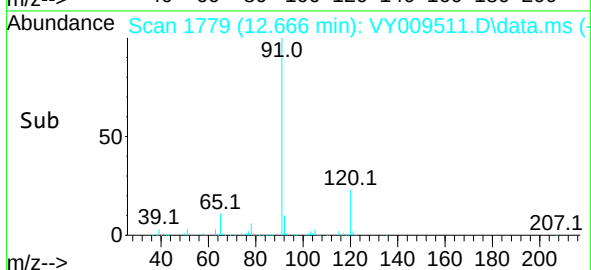
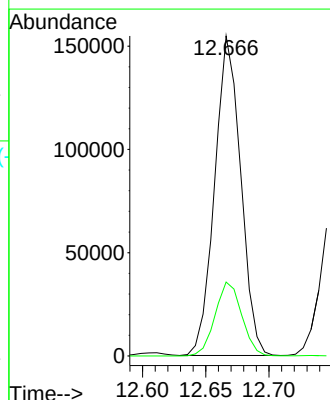
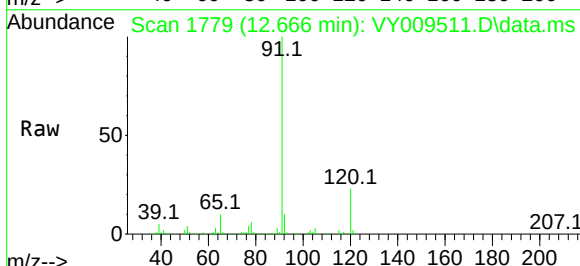
RT: 12.666 min Scan# 1779

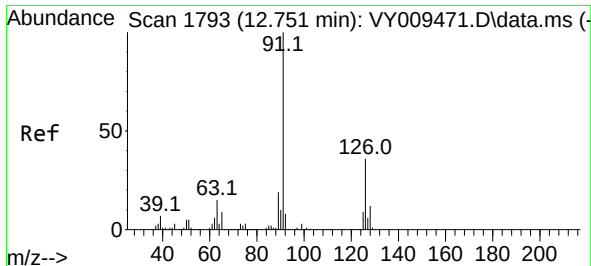
Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion:	91	Resp:	221172
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.3	33.9

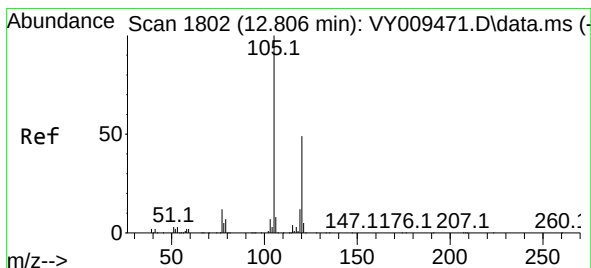
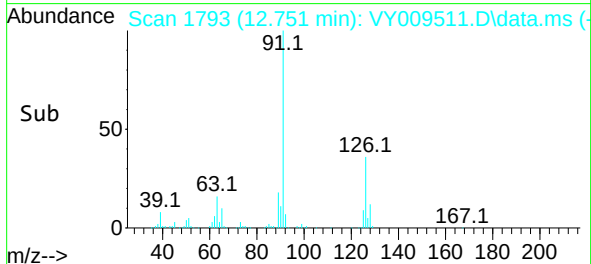
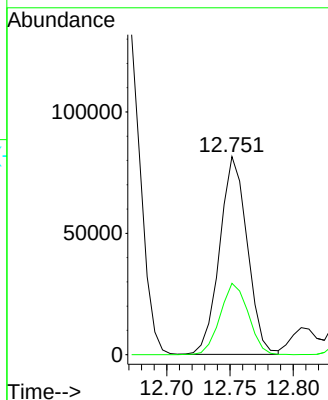
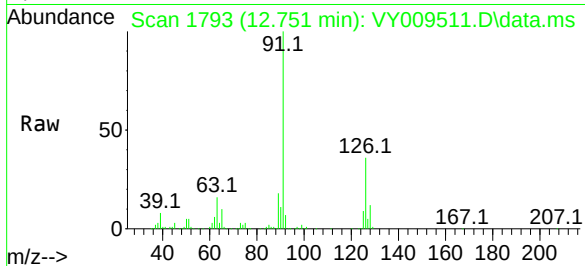




#79
2-Chlorotoluene
Concen: 19.861 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

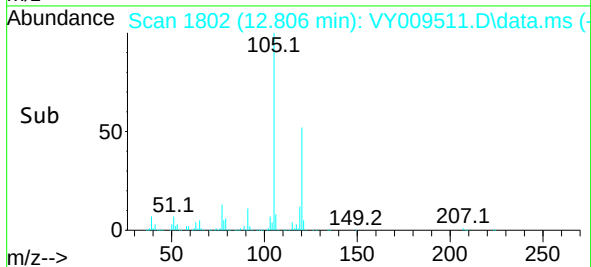
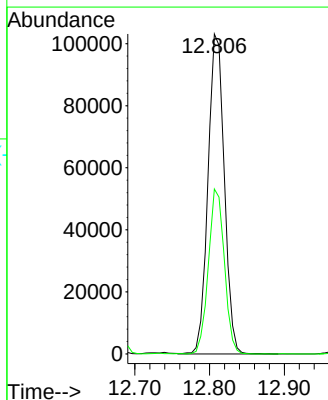
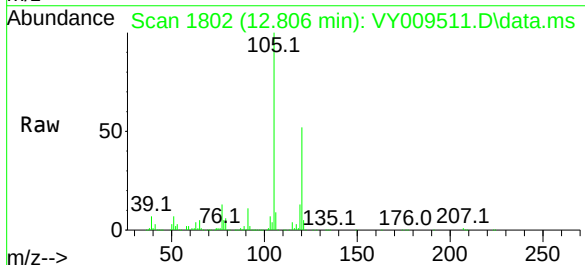
Instrument :
MSVOA_Y
ClientSampleId :

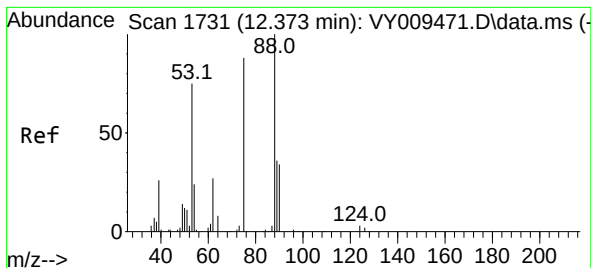
Tgt Ion: 91 Resp: 123952
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.299 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 105 Resp: 156554
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4

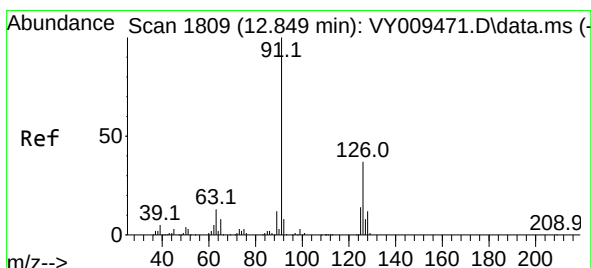
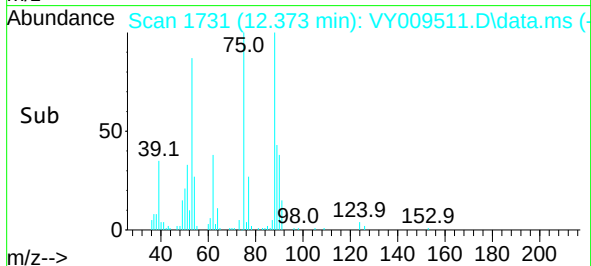
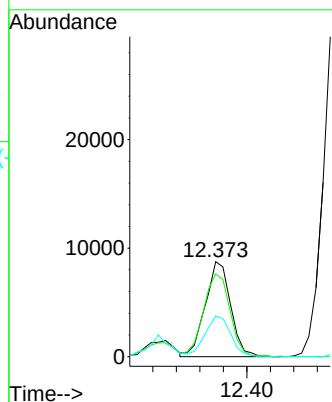
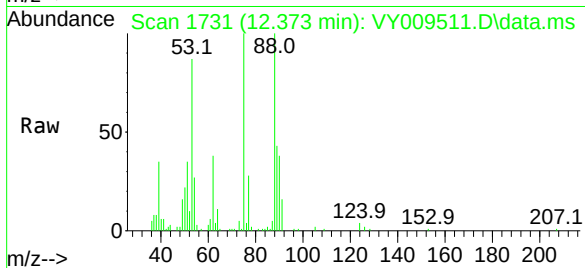




#81
trans-1,4-Dichloro-2-butene
Concen: 18.715 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

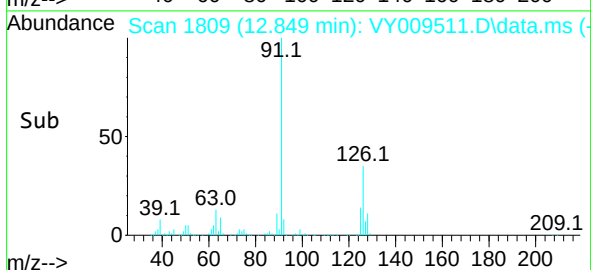
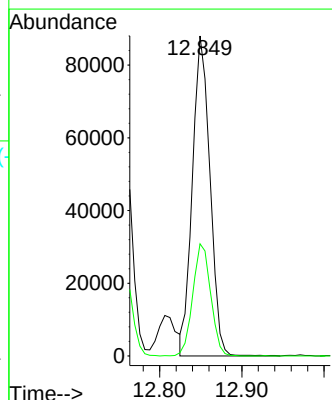
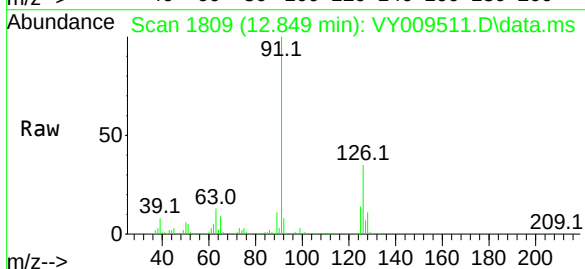
Instrument :
MSVOA_Y
ClientSampleId :

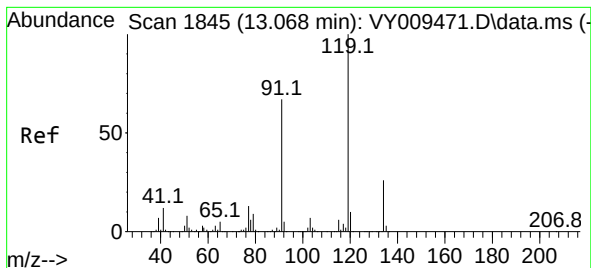
Tgt Ion: 75 Resp: 13060
Ion Ratio Lower Upper
75 100
53 91.5 85.3 127.9
89 43.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.936 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 91 Resp: 130390
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.877 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.007 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

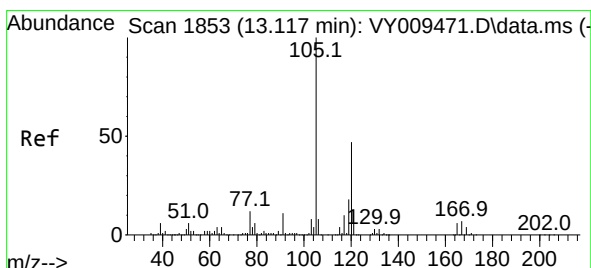
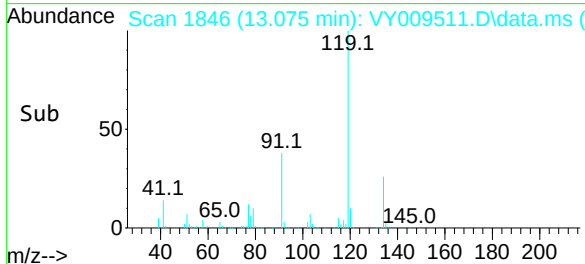
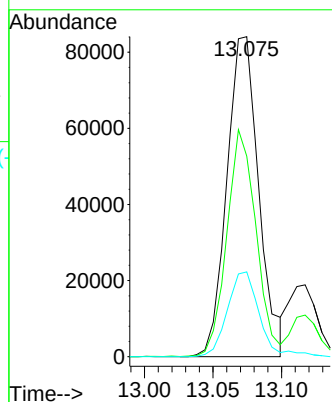
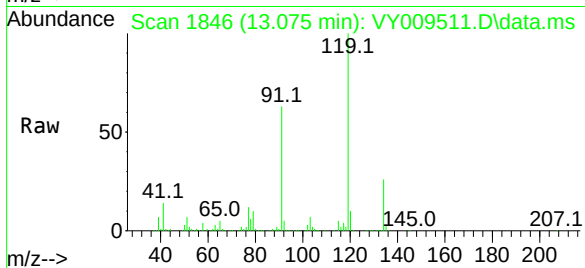
Tgt Ion:119 Resp: 136389

Ion Ratio Lower Upper

119 100

91 65.1 34.8 104.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.084 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009511.D

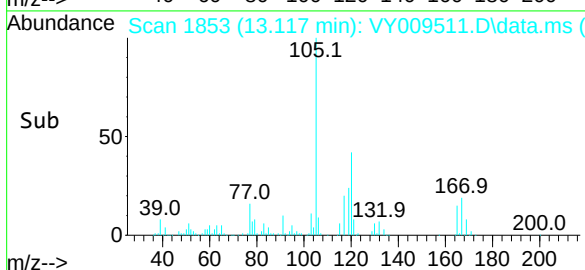
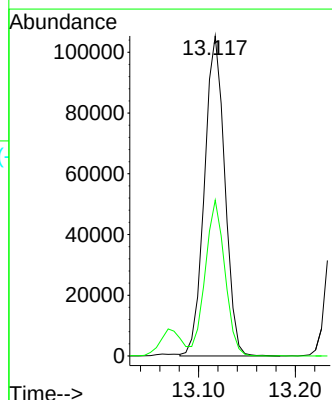
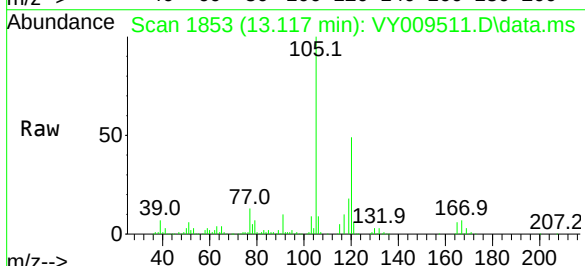
Acq: 11 Jul 2022 15:33

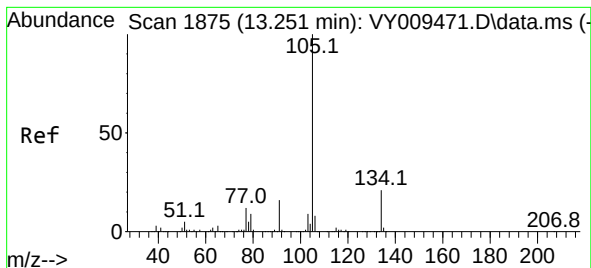
Tgt Ion:105 Resp: 154178

Ion Ratio Lower Upper

105 100

120 47.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.465 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

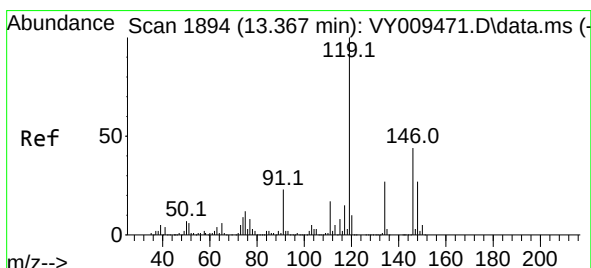
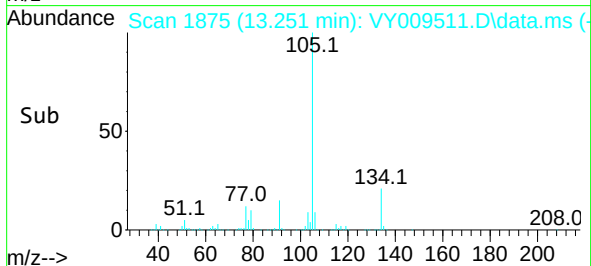
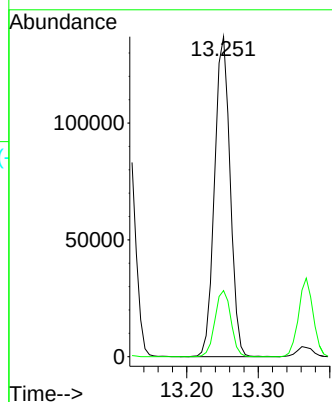
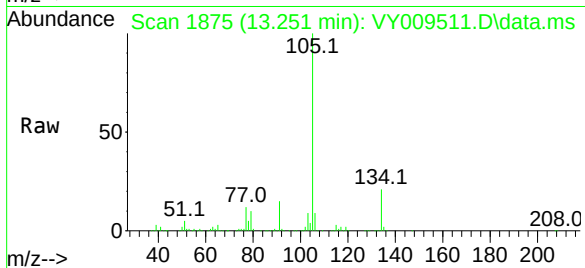
ClientSampleId :

Tgt Ion:105 Resp: 206807

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.847 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

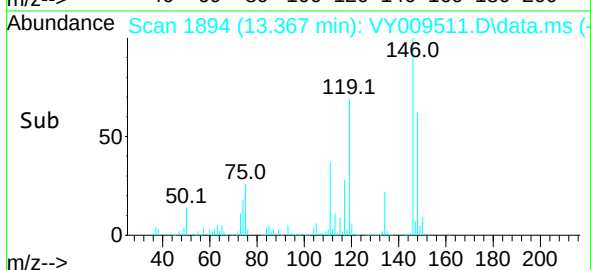
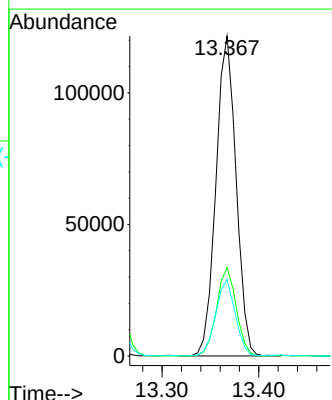
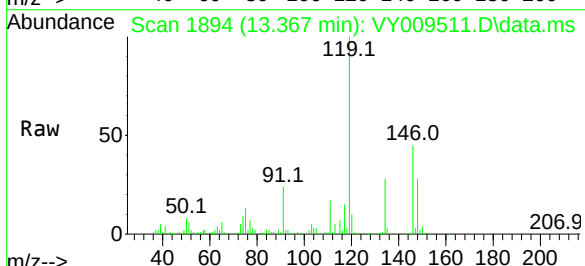
Tgt Ion:119 Resp: 175599

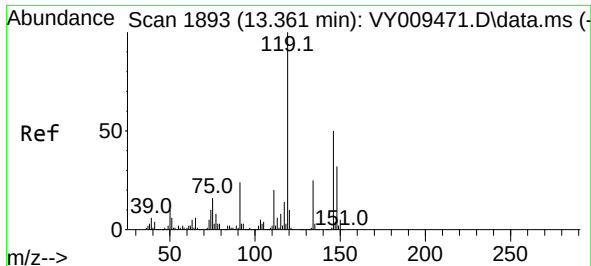
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.409 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

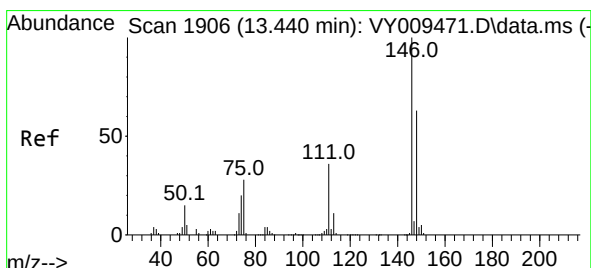
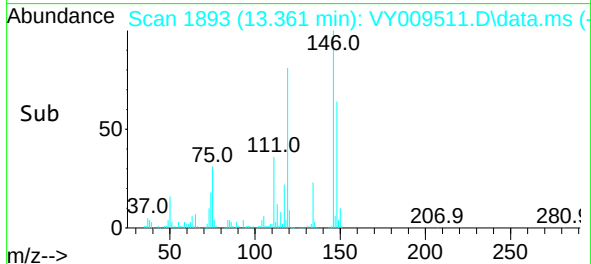
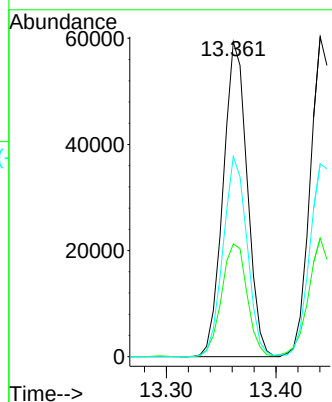
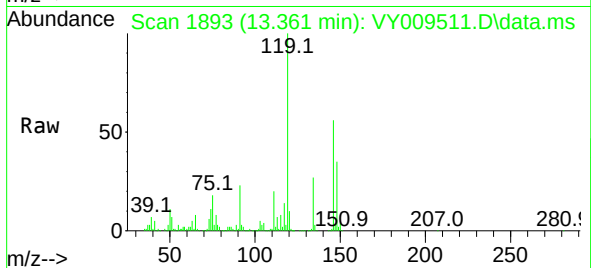
Tgt Ion:146 Resp: 90491

Ion Ratio Lower Upper

146 100

111 38.0 19.5 58.5

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.381 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

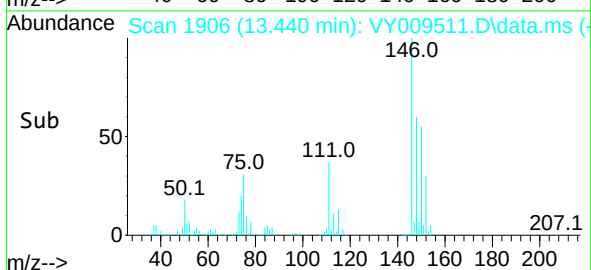
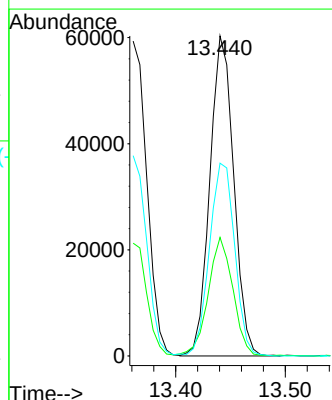
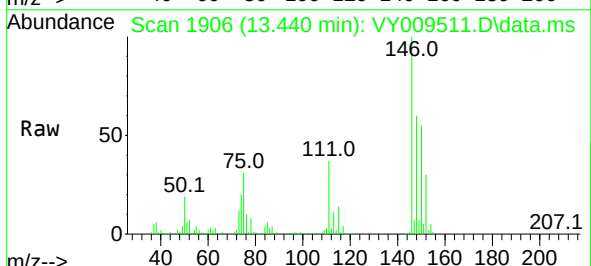
Tgt Ion:146 Resp: 91461

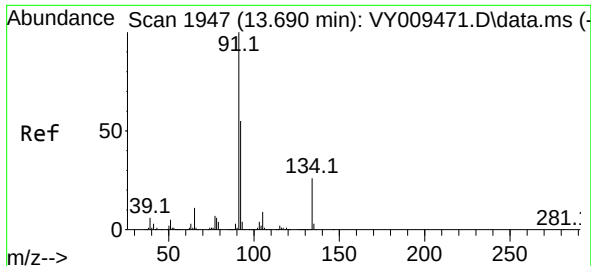
Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

148 64.0 32.6 97.8

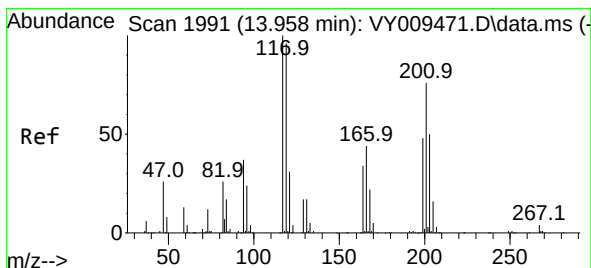
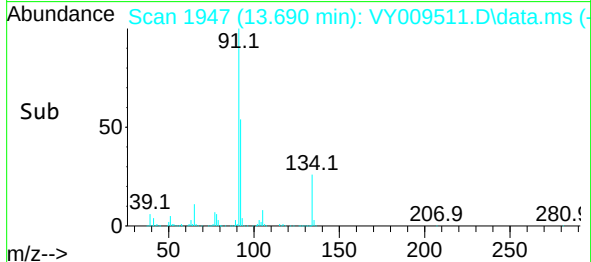
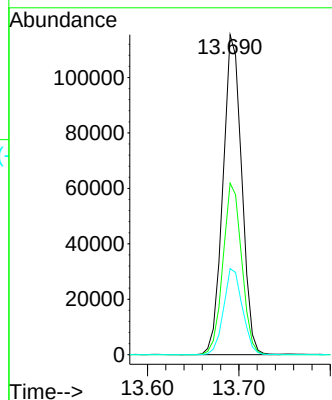
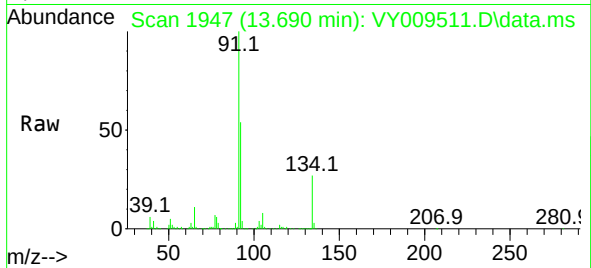




#89
n-Butylbenzene
Concen: 20.973 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

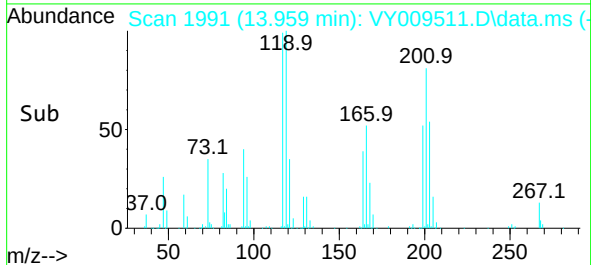
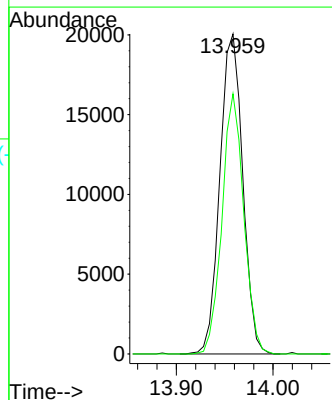
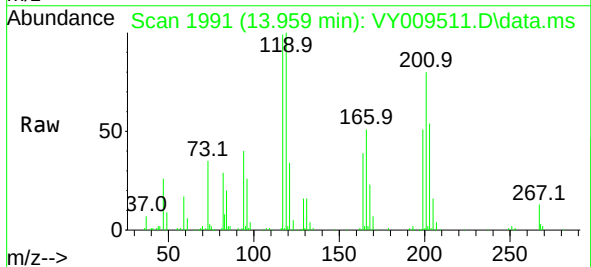
Instrument :
MSVOA_Y
ClientSampleId :

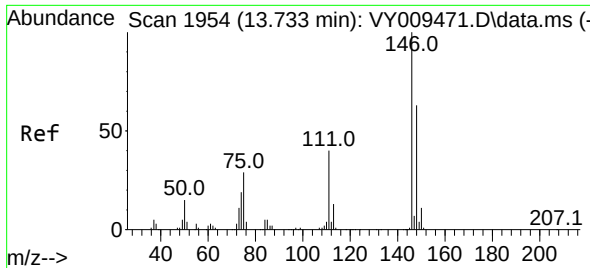
Tgt Ion: 91 Resp: 164968
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 19.894 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY009511.D
Acq: 11 Jul 2022 15:33

Tgt Ion: 117 Resp: 32879
Ion Ratio Lower Upper
117 100
201 77.4 43.0 128.8

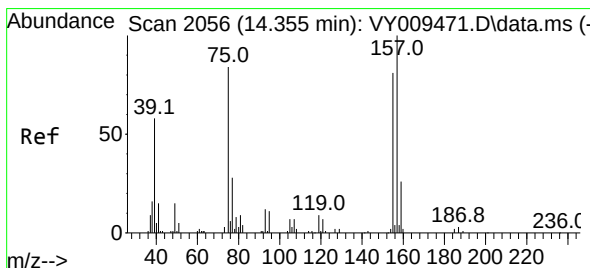
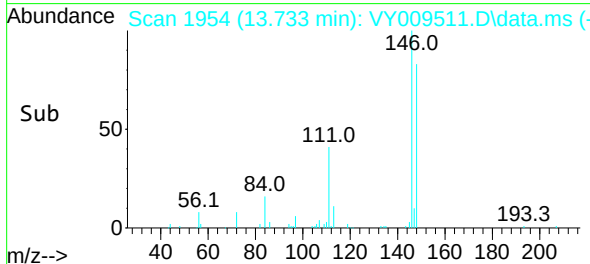
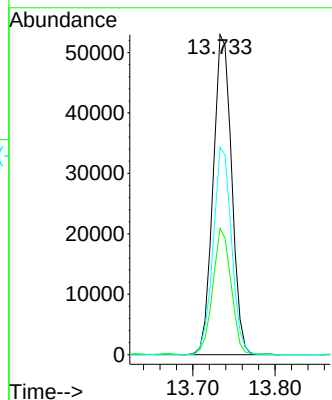
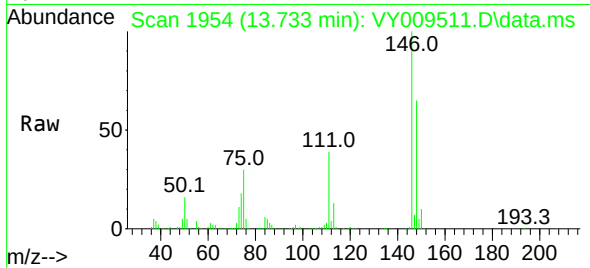




#91
 1,2-Dichlorobenzene
 Concen: 20.407 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

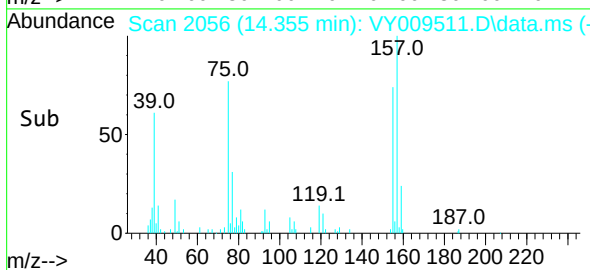
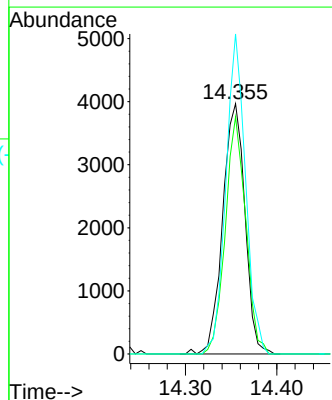
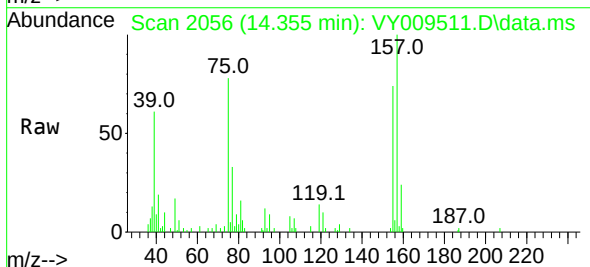
Instrument :
 MSVOA_Y
 ClientSampleId :

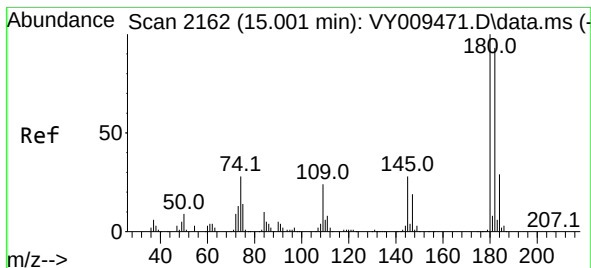
Tgt Ion:	146	Resp:	82903
Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.9
148	64.4	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.725 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY009511.D
 Acq: 11 Jul 2022 15:33

Tgt Ion:	75	Resp:	6711
Ion	Ratio	Lower	Upper
75	100		
155	86.9	38.0	113.9
157	112.9	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.616 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

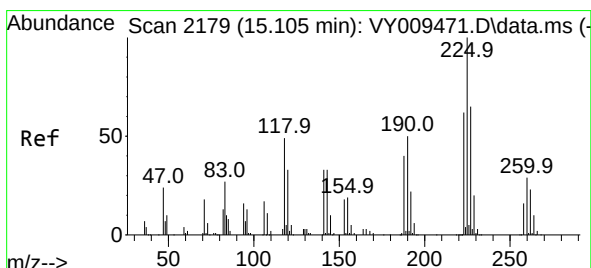
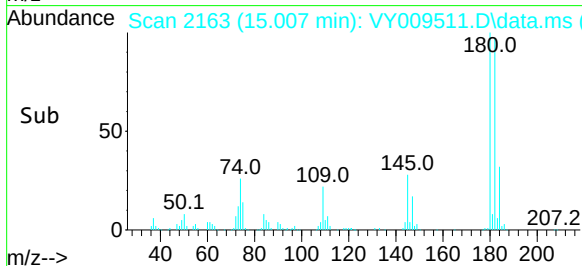
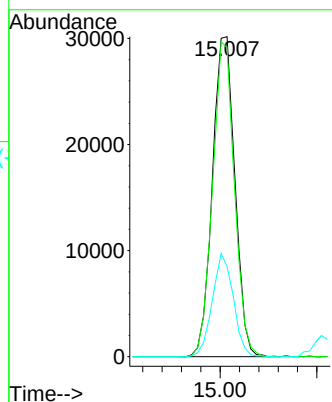
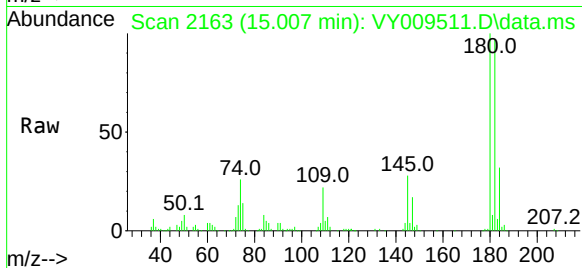
Tgt Ion:180 Resp: 48603

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.302 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

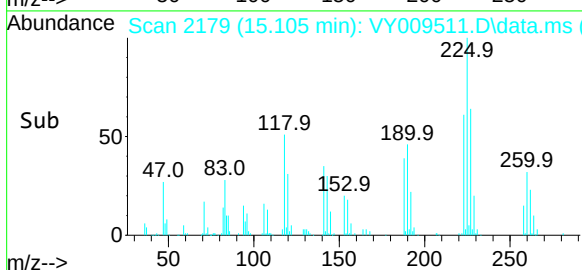
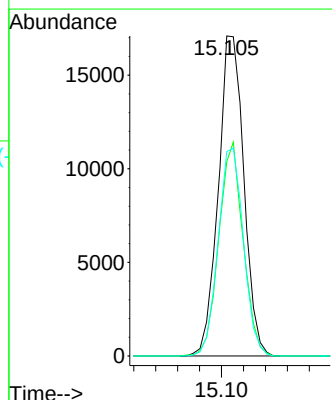
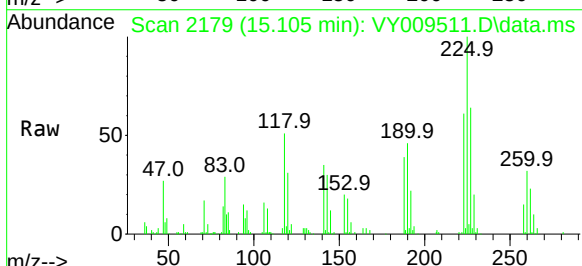
Tgt Ion:225 Resp: 27655

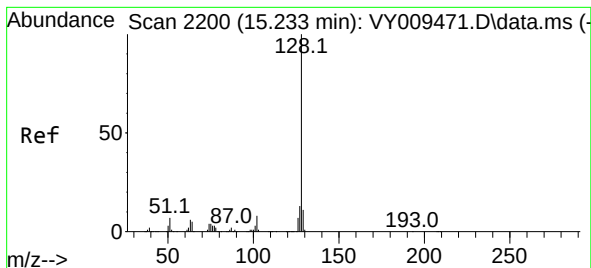
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 64.4 31.6 94.7





#95

Naphthalene

Concen: 19.929 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

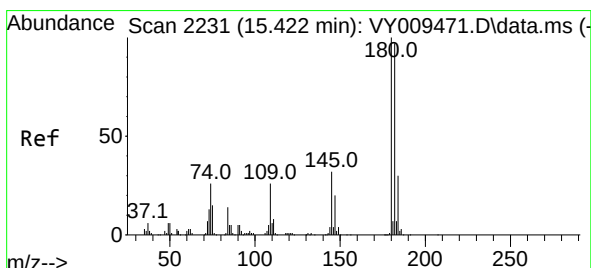
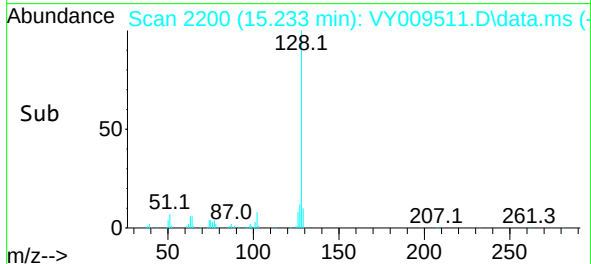
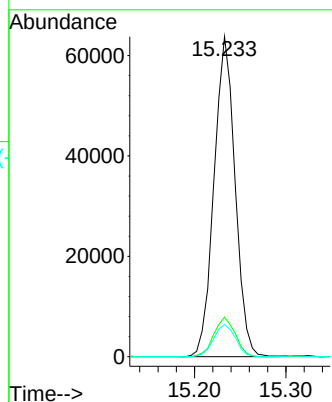
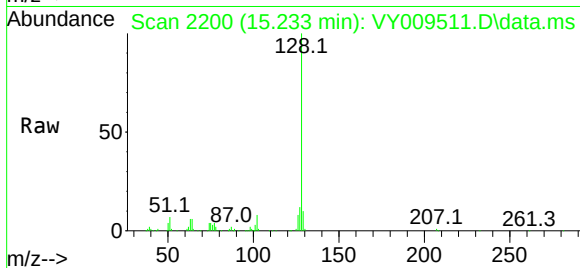
Tgt Ion:128 Resp: 102092

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 10.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.032 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009511.D

Acq: 11 Jul 2022 15:33

Tgt Ion:180 Resp: 42988

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 32.5 15.3 45.9

