

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016692.D
 Acq On : 19 Dec 2023 12:04
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 05:28:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	188751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	279053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	113525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80249	51.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.800%	
35) Dibromofluoromethane	7.728	113	86345	52.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.185	98	319482	53.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.489	95	88037	52.019	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67474	50.623	ug/l	100
3) Chloromethane	2.119	50	127784	53.957	ug/l	100
4) Vinyl Chloride	2.253	62	169432	46.478	ug/l	99
5) Bromomethane	2.656	94	139255	44.027	ug/l	100
6) Chloroethane	2.802	64	121669	44.590	ug/l	94
7) Trichlorofluoromethane	3.137	101	147347	46.115	ug/l	96
8) Diethyl Ether	3.534	74	40516	47.370	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	81942	47.269	ug/l	97
10) Methyl Iodide	4.101	142	96849	49.196	ug/l	98
11) Tert butyl alcohol	4.966	59	24040	245.150	ug/l	98
12) 1,1-Dichloroethene	3.881	96	74372	47.302	ug/l	96
13) Acrolein	3.735	56	18595	233.907	ug/l	99
14) Allyl chloride	4.485	41	95441	48.615	ug/l	89
15) Acrylonitrile	5.174	53	80665	235.571	ug/l	98
16) Acetone	3.954	43	74327	235.936	ug/l	92
17) Carbon Disulfide	4.204	76	207233	49.249	ug/l	97
18) Methyl Acetate	4.491	43	66601	49.233	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	184388	48.548	ug/l	98
20) Methylene Chloride	4.722	84	88106	51.953	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	86631	48.719	ug/l	99
22) Diisopropyl ether	6.125	45	226430	50.391	ug/l	93
23) Vinyl Acetate	6.070	43	534419	243.224	ug/l	99
24) 1,1-Dichloroethane	6.033	63	149192	48.213	ug/l	98
25) 2-Butanone	6.996	43	99356	233.928	ug/l	97
26) 2,2-Dichloropropane	6.990	77	134508	47.864	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	97983	48.753	ug/l	95
28) Bromochloromethane	7.350	49	52443	46.671	ug/l	92
29) Tetrahydrofuran	7.356	42	60389	238.914	ug/l	99
30) Chloroform	7.515	83	158596	47.771	ug/l	97
31) Cyclohexane	7.795	56	120385	47.111	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	142876	48.466	ug/l	96
36) 1,1-Dichloropropene	7.929	75	119779	48.180	ug/l	97
37) Ethyl Acetate	7.082	43	43717	45.913	ug/l	96
38) Carbon Tetrachloride	7.911	117	127019	47.352	ug/l	97
39) Methylcyclohexane	9.191	83	142716	49.860	ug/l	99
40) Benzene	8.173	78	344233	48.193	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20829	41.189	ug/l	93
42) 1,2-Dichloroethane	8.246	62	96700	47.843	ug/l	95
43) Isopropyl Acetate	8.283	43	86287	47.182	ug/l	97
44) Trichloroethene	8.947	130	93554	47.594	ug/l	99
45) 1,2-Dichloropropane	9.222	63	81845	47.940	ug/l	98
46) Dibromomethane	9.313	93	46079	47.795	ug/l	99
47) Bromodichloromethane	9.502	83	120987	48.063	ug/l	100
48) Methyl methacrylate	9.301	41	49438	49.824	ug/l #	87
49) 1,4-Dioxane	9.301	88	8714	981.698	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	225082	239.792	ug/l	95
52) Toluene	10.252	92	214138	48.998	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	110272	48.925	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	130939	49.029	ug/l #	92
55) 1,1,2-Trichloroethane	10.654	97	62585	46.994	ug/l	98
56) Ethyl methacrylate	10.514	69	53300	49.182	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	106666	48.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	163797	221.500	ug/l	95
59) 2-Hexanone	10.837	43	153924	225.076	ug/l	96
60) Dibromochloromethane	10.990	129	78457	48.521	ug/l	98
61) 1,2-Dibromoethane	11.099	107	57227	47.712	ug/l	99
64) Tetrachloroethene	10.727	164	79444	48.661	ug/l	98
65) Chlorobenzene	11.526	112	228942	48.844	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	87363	48.111	ug/l	99
67) Ethyl Benzene	11.599	91	416807	49.776	ug/l	99
68) m/p-Xylenes	11.709	106	317505	100.030	ug/l	99
69) o-Xylene	12.038	106	146289	50.451	ug/l	100
70) Styrene	12.050	104	212721	50.807	ug/l	99
71) Bromoform	12.215	173	45193	48.052	ug/l #	99
73) Isopropylbenzene	12.337	105	391956	49.934	ug/l	99
74) N-amyl acetate	12.154	43	67893	47.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	68995	47.239	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	82970	84.078	ug/l #	100
77) Bromobenzene	12.617	156	90797	47.974	ug/l	98
78) n-propylbenzene	12.678	91	466469	50.127	ug/l	99
79) 2-Chlorotoluene	12.764	91	245231	49.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	311187	50.592	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	20709	48.149	ug/l	89
82) 4-Chlorotoluene	12.861	91	251359	48.766	ug/l	98
83) tert-Butylbenzene	13.081	119	271591	49.070	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	312734	50.723	ug/l	99
85) sec-Butylbenzene	13.264	105	400939	50.231	ug/l	99
86) p-Isopropyltoluene	13.379	119	350334	50.203	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	180196	48.113	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	172853	48.175	ug/l	98
89) n-Butylbenzene	13.703	91	321920	50.465	ug/l	97
90) Hexachloroethane	13.971	117	68057	48.936	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	149240	48.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8398	43.853	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	88086	47.893	ug/l	98
94) Hexachlorobutadiene	15.117	225	55447	47.698	ug/l	99
95) Naphthalene	15.245	128	142526	48.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	73623	47.327	ug/l	98

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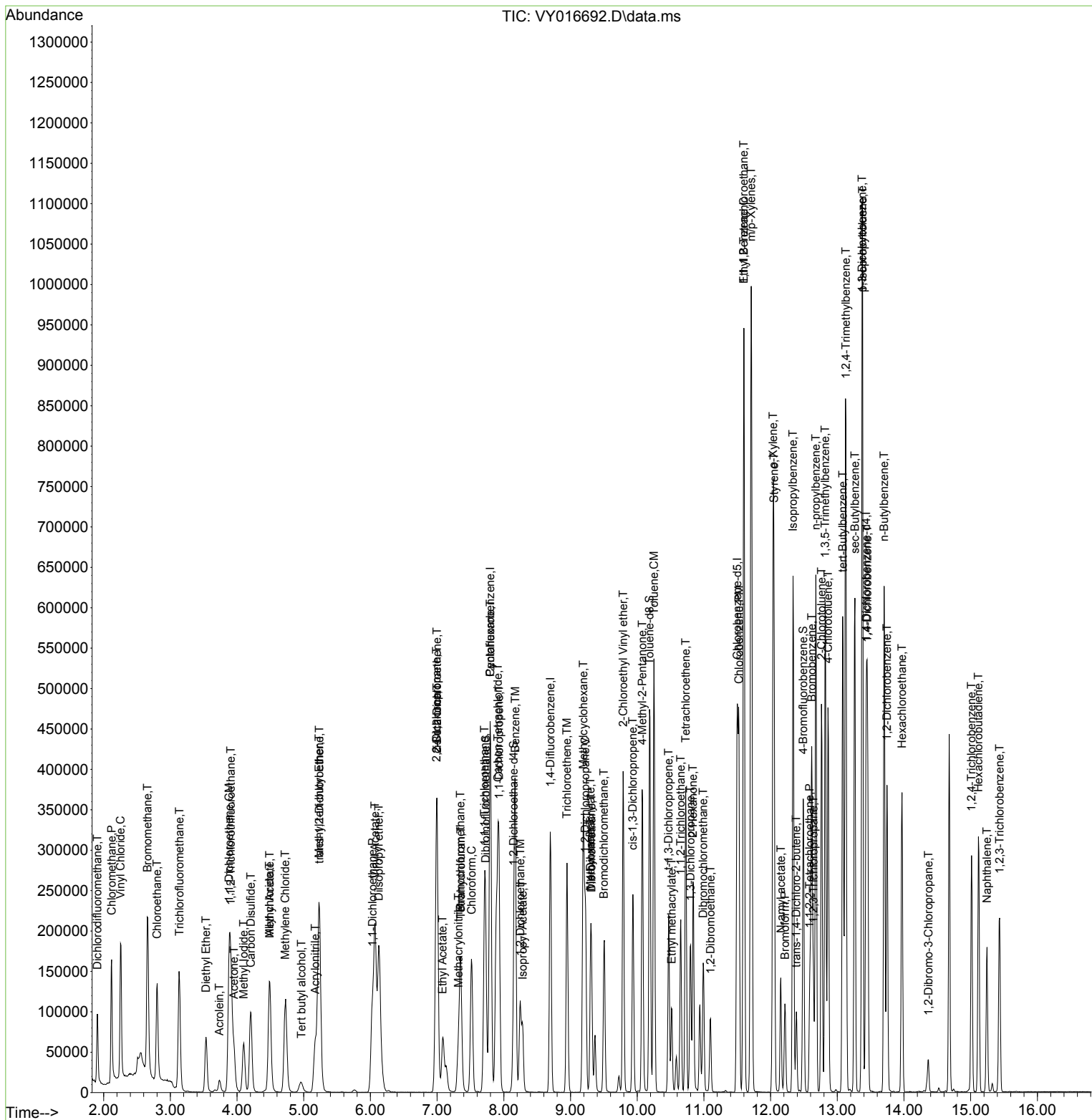
Instrument :
MSVOA_Y
ClientSampleId :

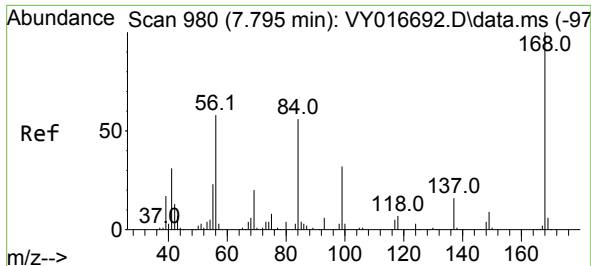
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

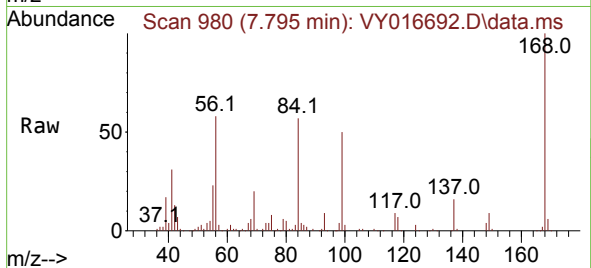
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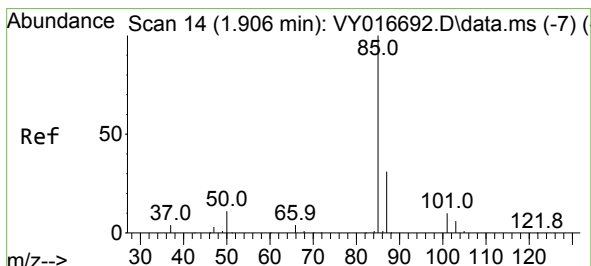
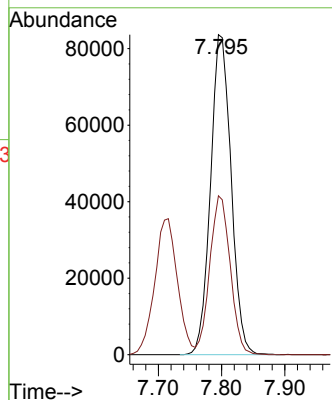
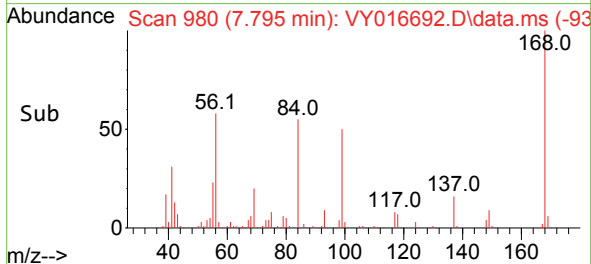


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016692.D
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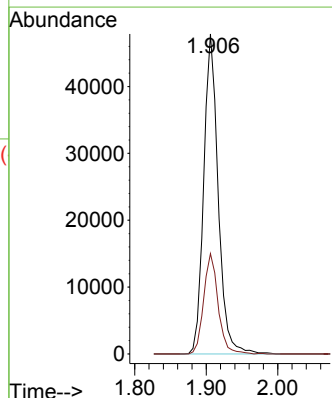
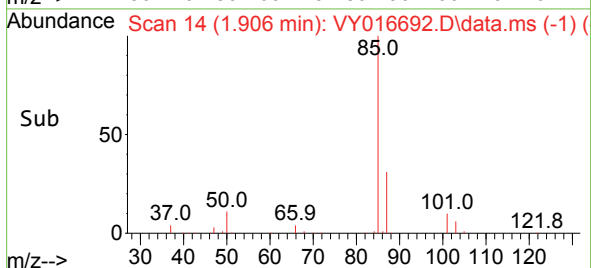
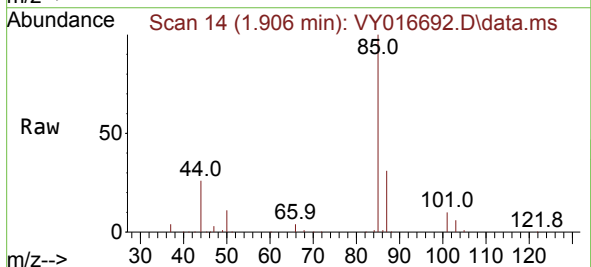


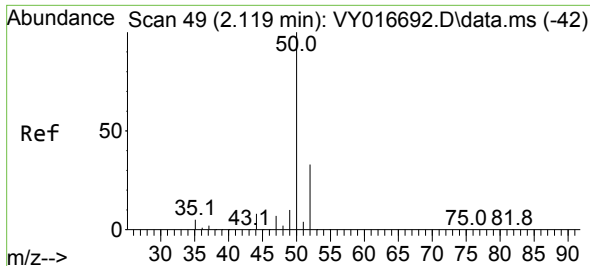
Tgt Ion:168 Resp: 188751
Ion Ratio Lower Upper
168 100
99 49.7 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 50.623 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 85 Resp: 67474
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8

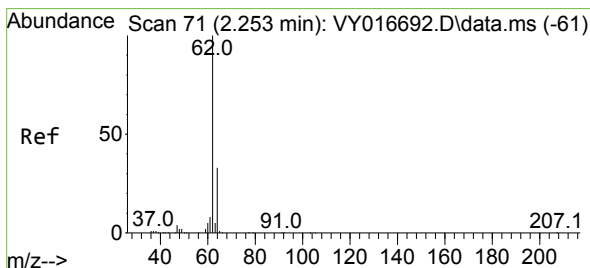
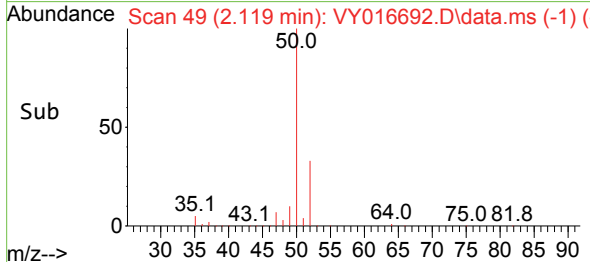
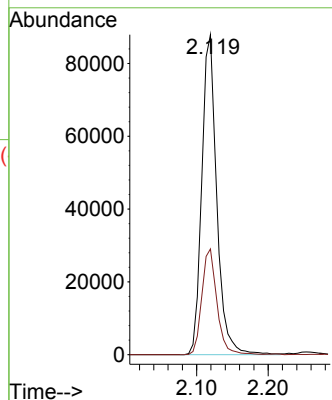
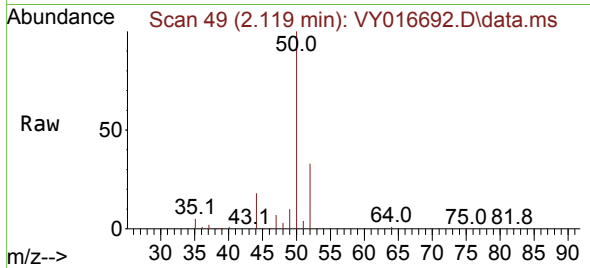




#3
Chloromethane
Concen: 53.957 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

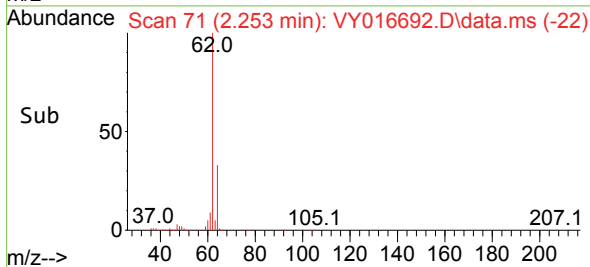
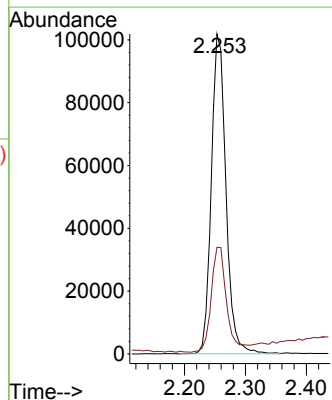
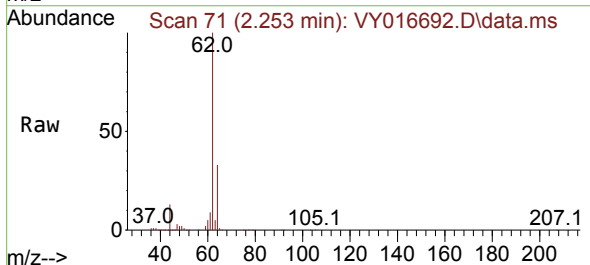
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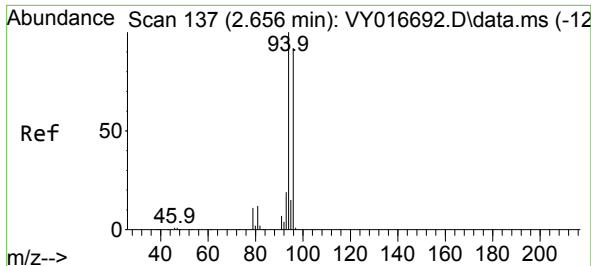
Tgt Ion: 50 Resp: 127784
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 46.478 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 62 Resp: 169432
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2

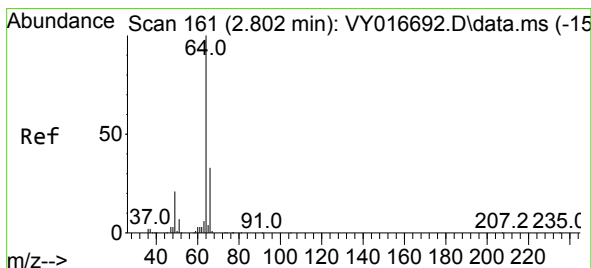
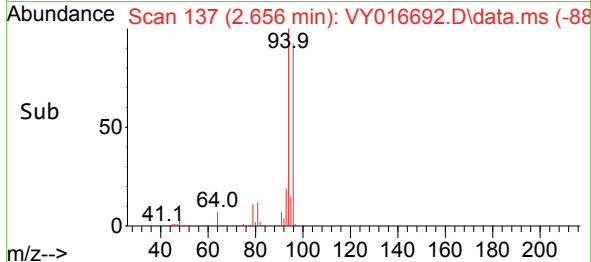
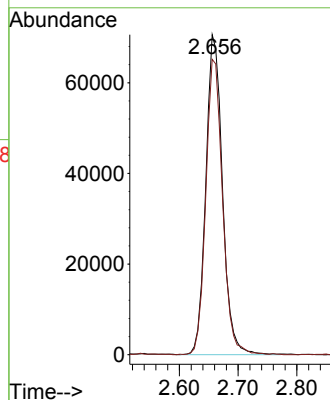
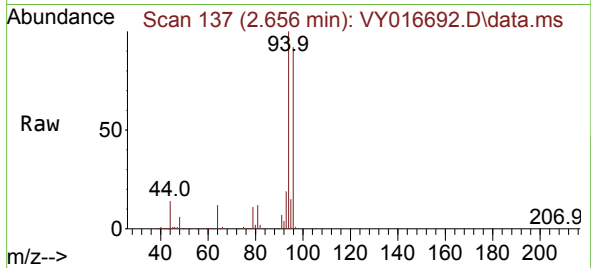




#5
Bromomethane
Concen: 44.027 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

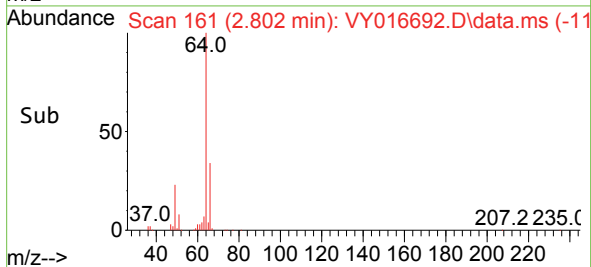
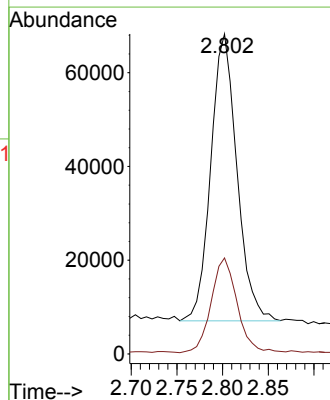
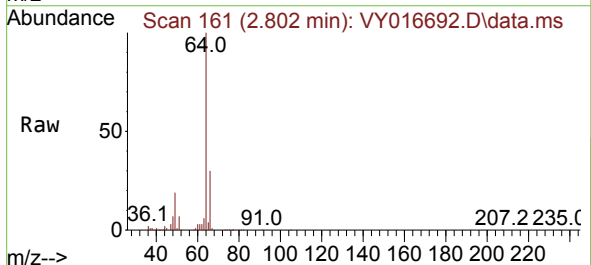
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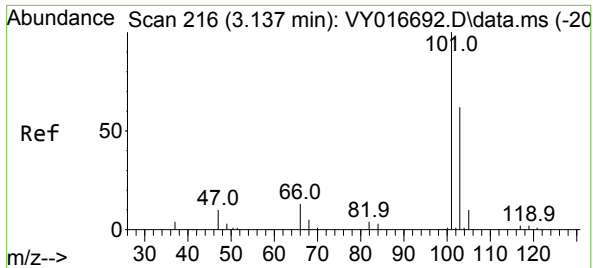
Tgt Ion: 94 Resp: 139255
Ion Ratio Lower Upper
94 100
96 92.2 74.0 111.0



#6
Chloroethane
Concen: 44.590 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 64 Resp: 121669
Ion Ratio Lower Upper
64 100
66 33.0 24.0 36.0

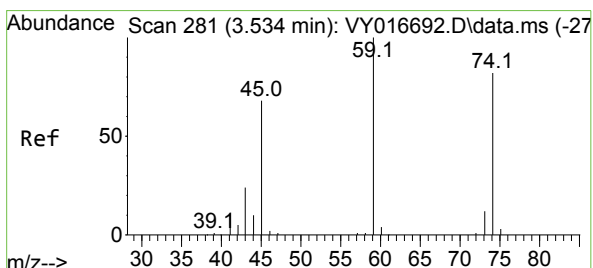
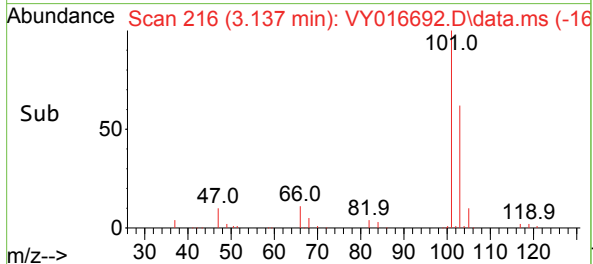
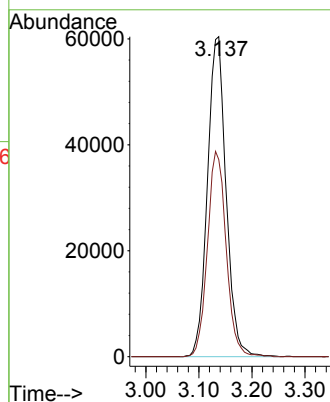
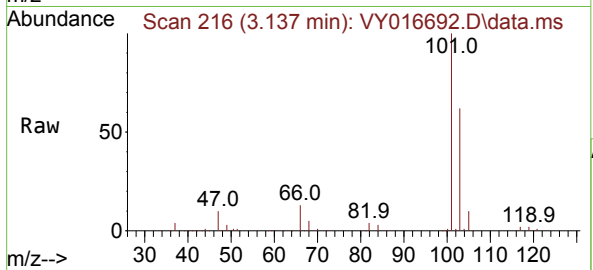




#7
 Trichlorofluoromethane
 Concen: 46.115 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

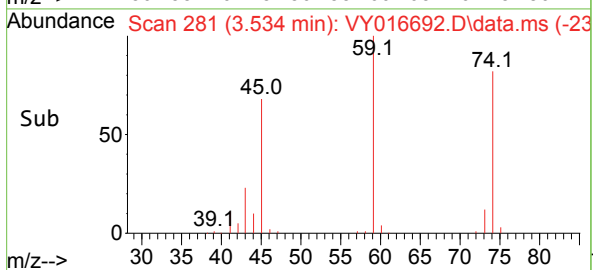
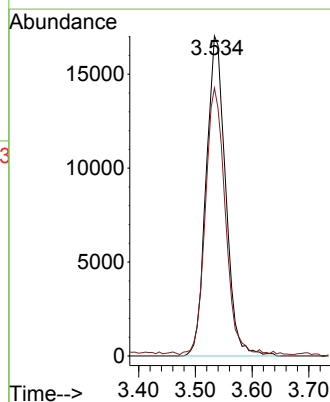
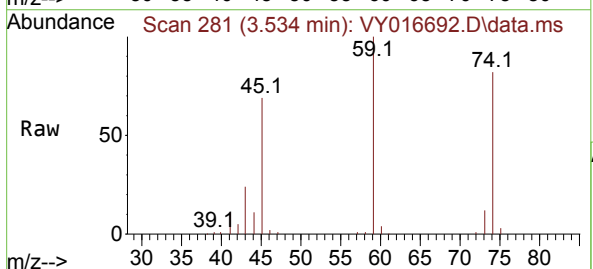
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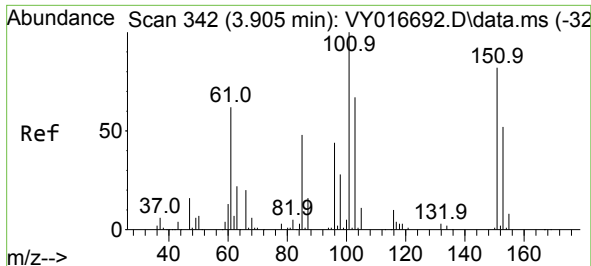
Tgt Ion:101 Resp: 147347
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 47.370 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Tgt Ion: 74 Resp: 40516
 Ion Ratio Lower Upper
 74 100
 45 84.8 44.3 132.9

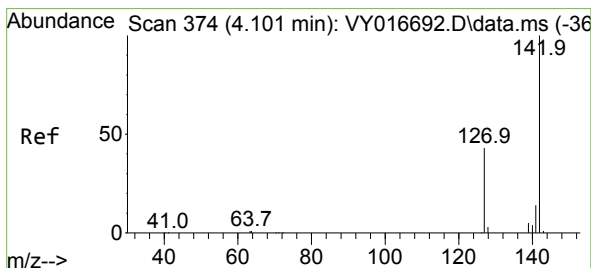
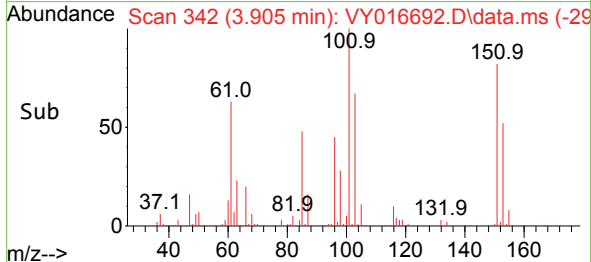
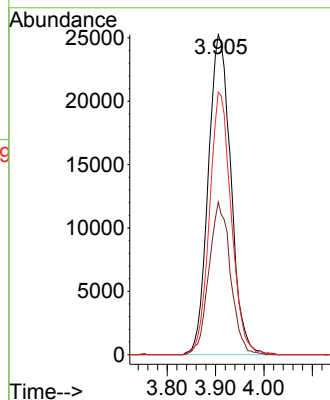
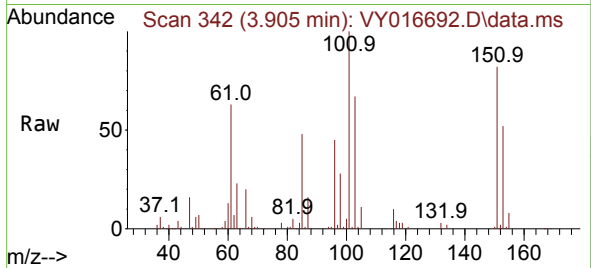




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.269 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.000 min
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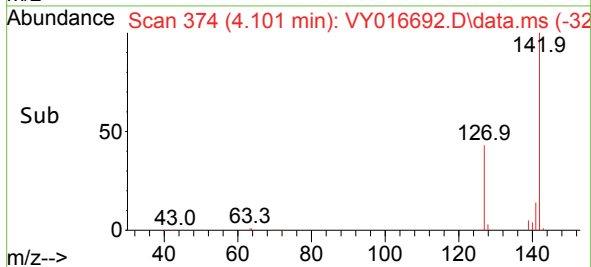
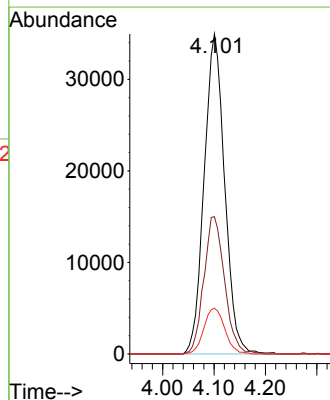
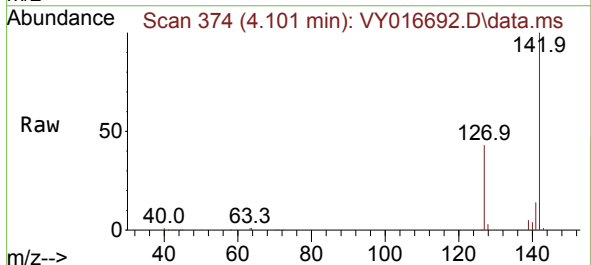
Instrument :
MSVOA_Y
ClientSampleId :

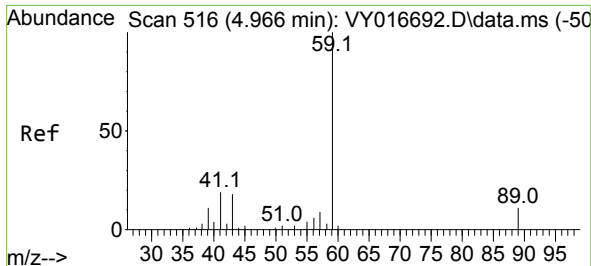
Tgt Ion:101 Resp: 81942
Ion Ratio Lower Upper
101 100
85 45.6 35.0 52.4
151 78.9 61.0 91.4



#10
Methyl Iodide
Concen: 49.196 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:142 Resp: 96849
Ion Ratio Lower Upper
142 100
127 43.5 33.6 50.4
141 14.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 245.150 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

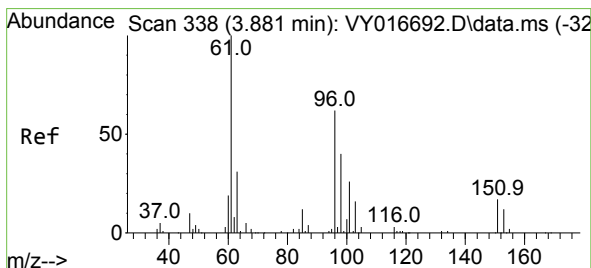
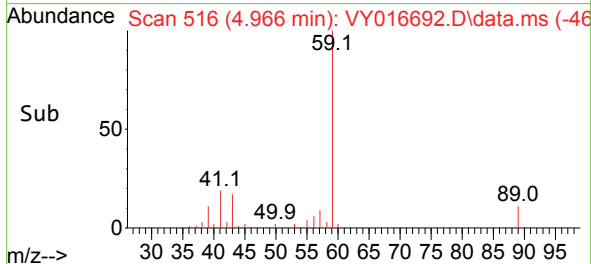
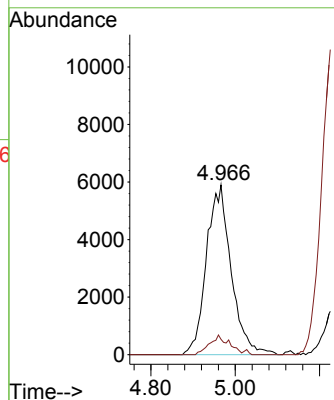
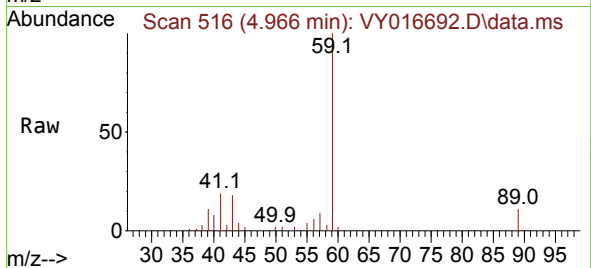
ClientSampleId :

Tgt Ion: 59 Resp: 24040

Ion Ratio Lower Upper

59 100

57 9.0 7.9 11.9



#12

1,1-Dichloroethene

Concen: 47.302 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

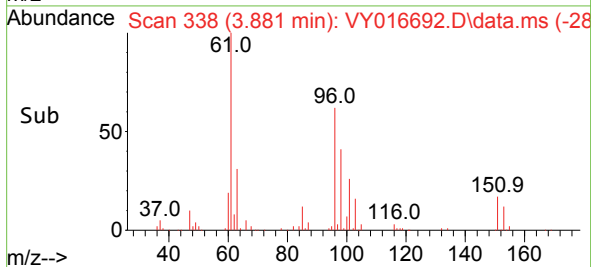
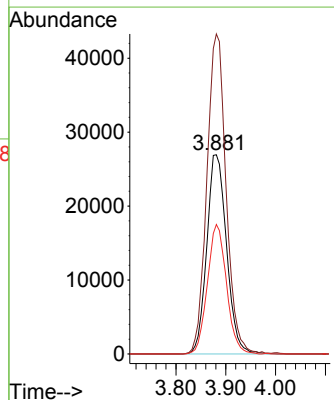
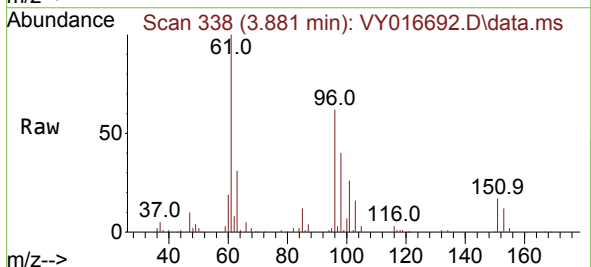
Tgt Ion: 96 Resp: 74372

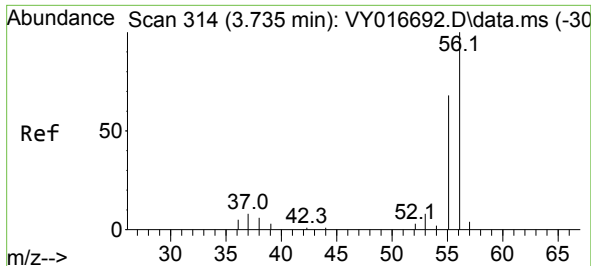
Ion Ratio Lower Upper

96 100

61 160.7 123.9 185.9

98 65.0 50.1 75.1





#13

Acrolein

Concen: 233.907 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

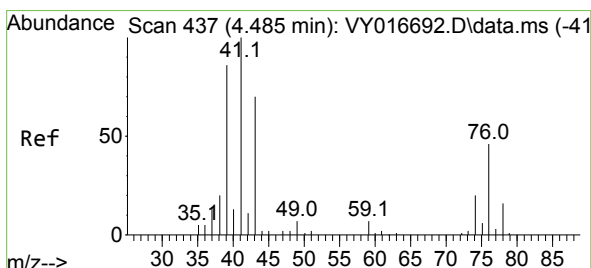
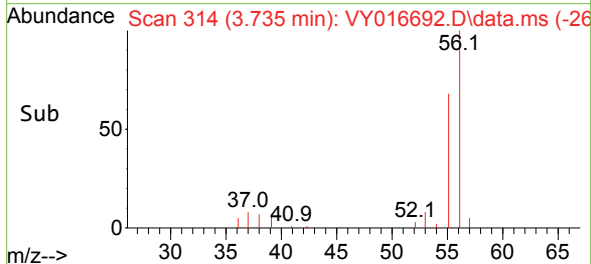
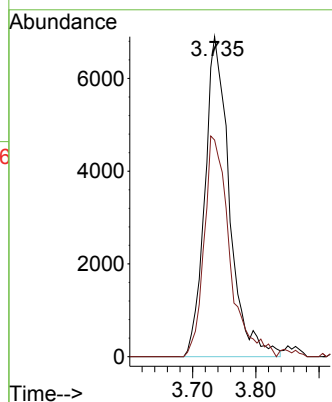
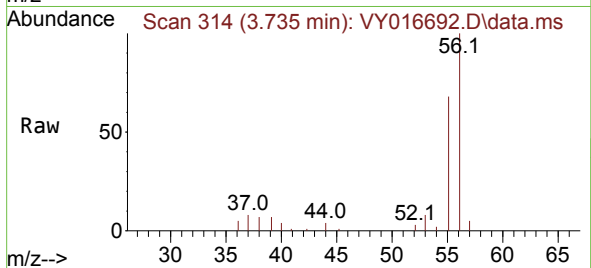
ClientSampleId :

Tgt Ion: 56 Resp: 18595

Ion Ratio Lower Upper

56 100

55 71.4 56.5 84.7



#14

Allyl chloride

Concen: 48.615 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

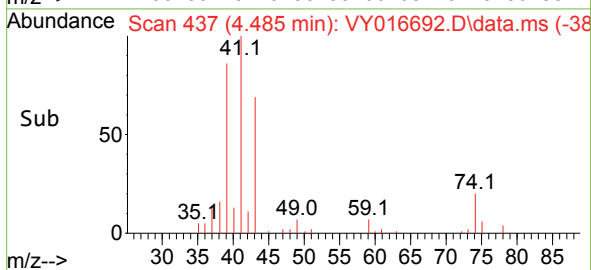
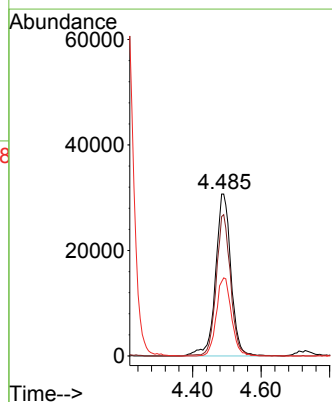
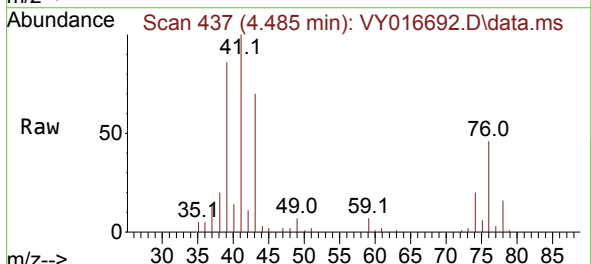
Tgt Ion: 41 Resp: 95441

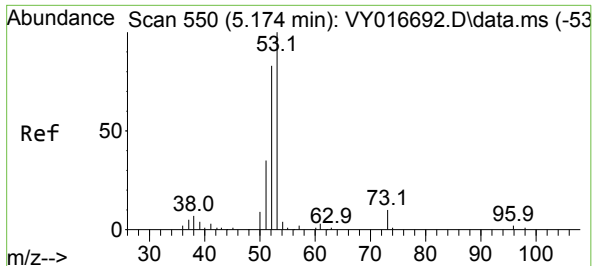
Ion Ratio Lower Upper

41 100

39 81.4 56.4 84.6

76 47.0 34.3 51.5

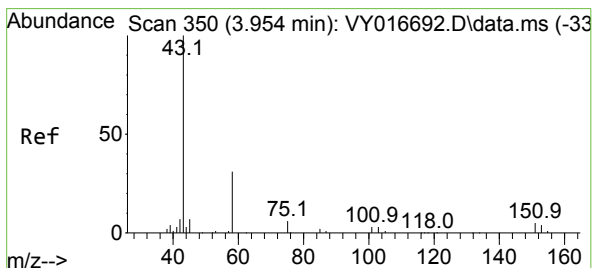
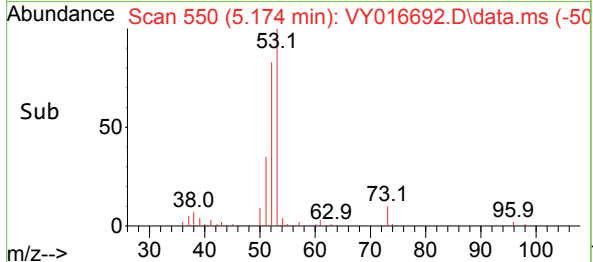
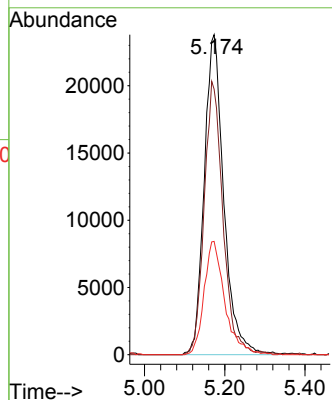
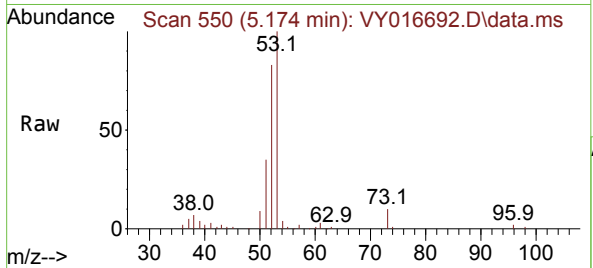




#15
Acrylonitrile
Concen: 235.571 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

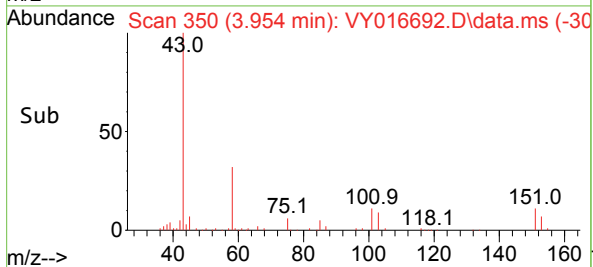
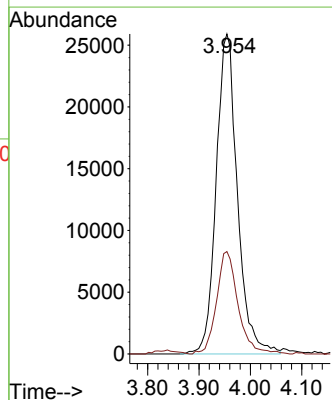
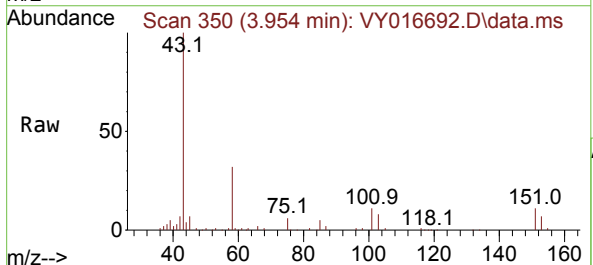
Instrument :
MSVOA_Y
ClientSampleId :

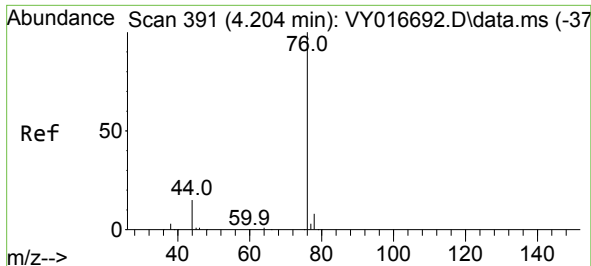
Tgt Ion: 53 Resp: 80665
Ion Ratio Lower Upper
53 100
52 81.6 64.3 96.5
51 37.5 28.3 42.5



#16
Acetone
Concen: 235.936 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 43 Resp: 74327
Ion Ratio Lower Upper
43 100
58 31.6 29.0 43.4

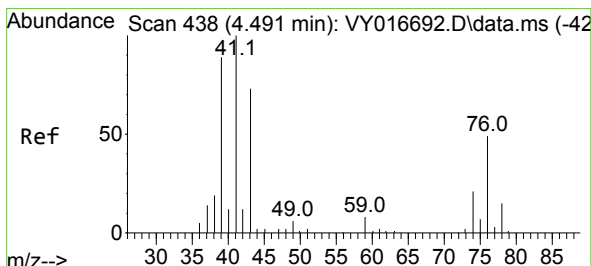
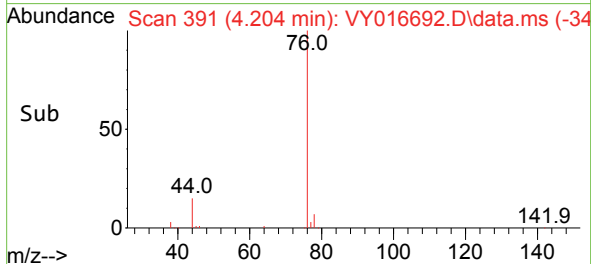
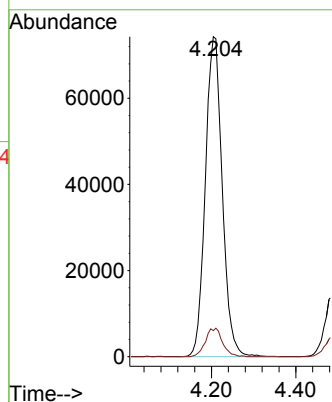
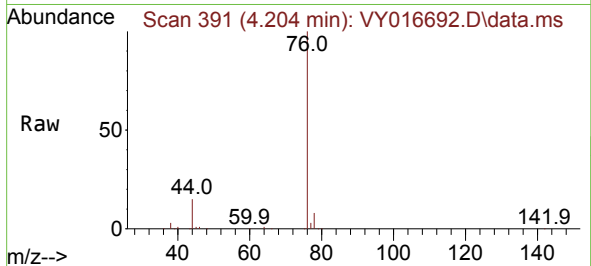




#17
Carbon Disulfide
Concen: 49.249 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

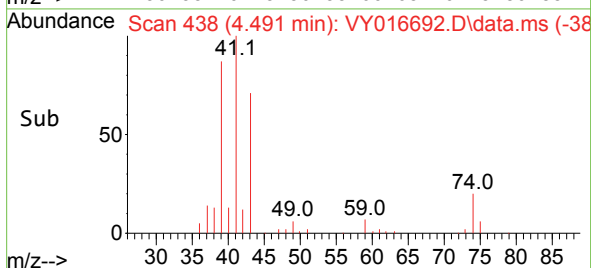
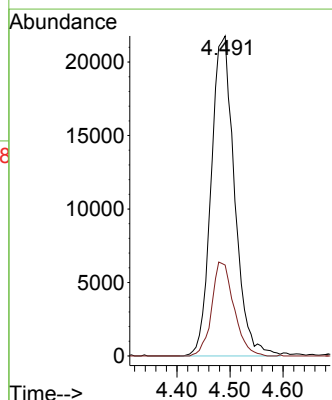
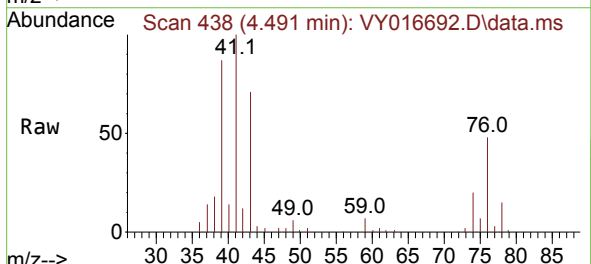
Instrument :
MSVOA_Y
ClientSampleId :

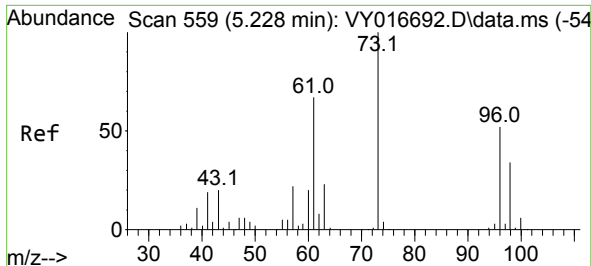
Tgt Ion: 76 Resp: 207233
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 49.233 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 43 Resp: 66601
Ion Ratio Lower Upper
43 100
74 27.9 22.1 33.1

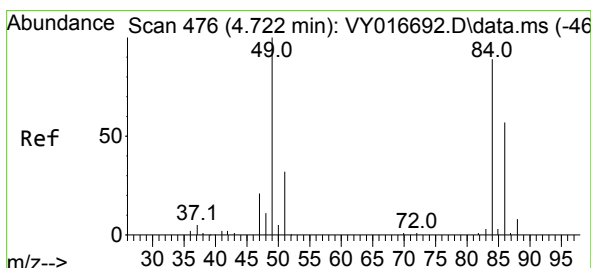
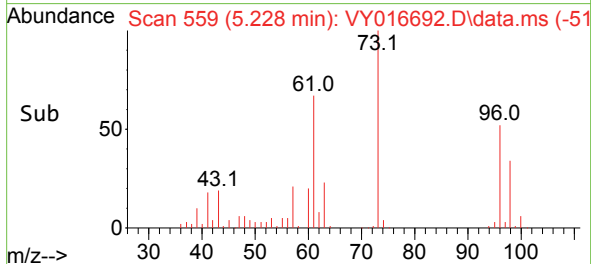
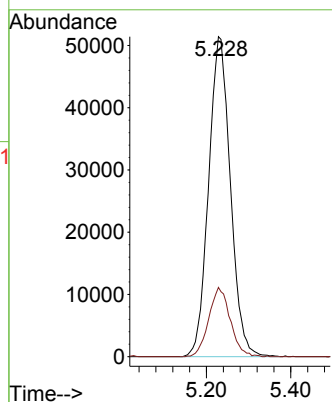
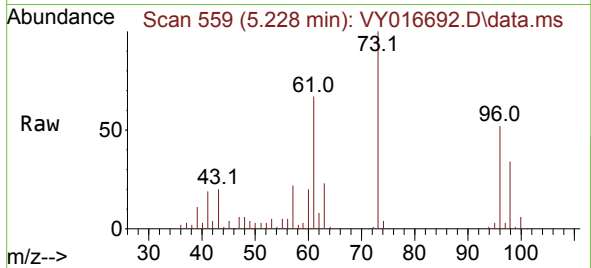




#19
Methyl tert-butyl Ether
Concen: 48.548 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

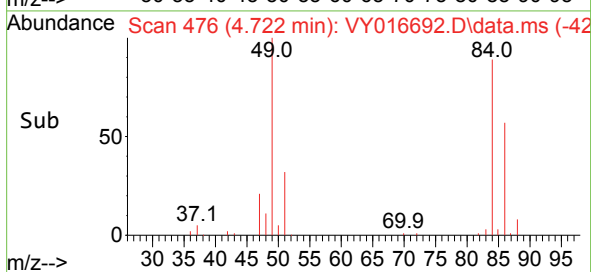
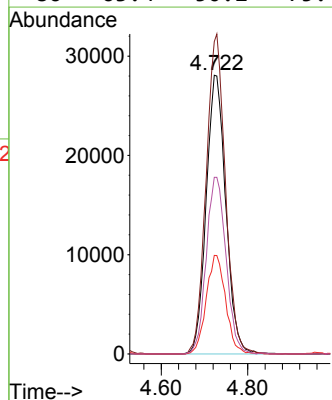
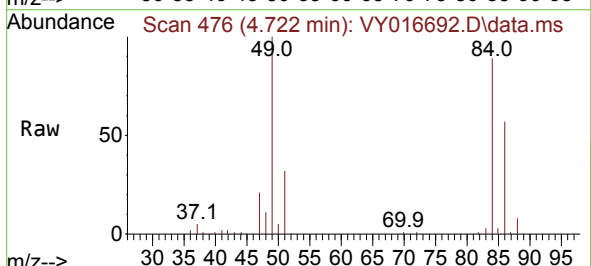
Instrument :
MSVOA_Y
ClientSampleId :

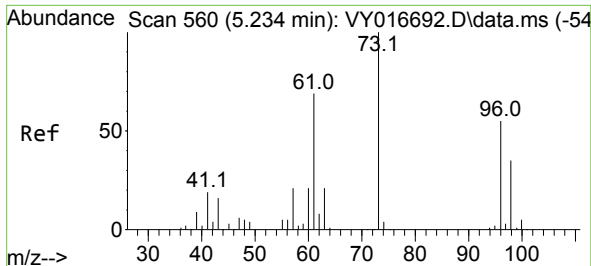
Tgt Ion: 73 Resp: 184388
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9



#20
Methylene Chloride
Concen: 51.953 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 84 Resp: 88106
Ion Ratio Lower Upper
84 100
49 112.0 83.8 125.8
51 35.3 27.2 40.8
86 63.4 50.2 75.4

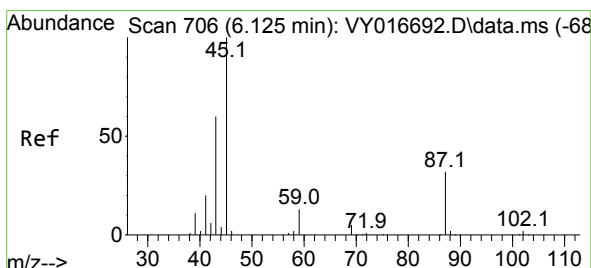
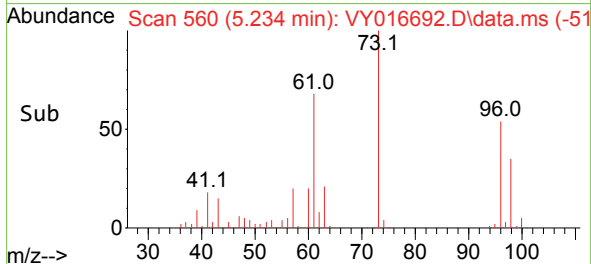
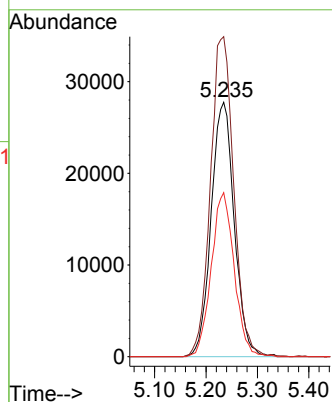
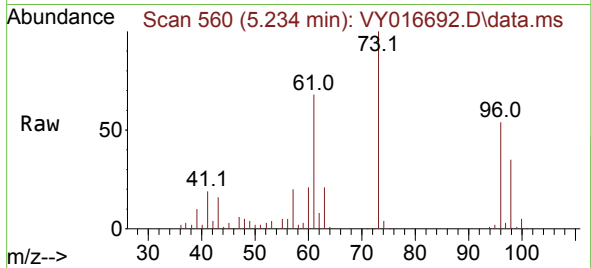




#21
trans-1,2-Dichloroethene
Concen: 48.719 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

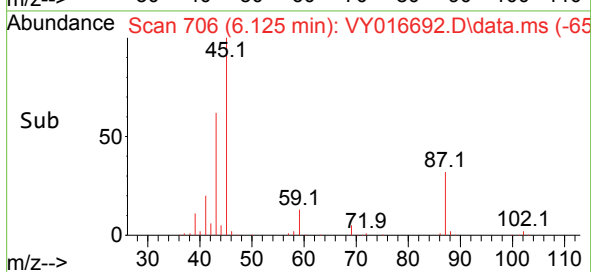
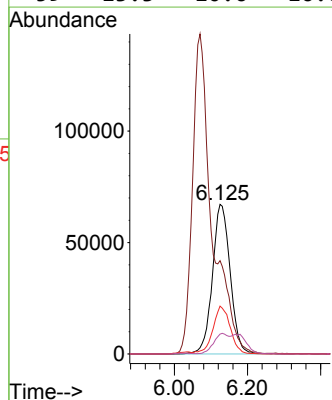
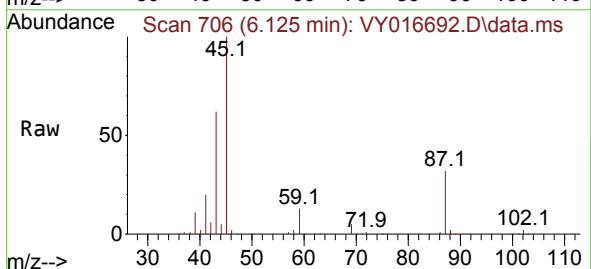
Instrument :
MSVOA_Y
ClientSampleId :

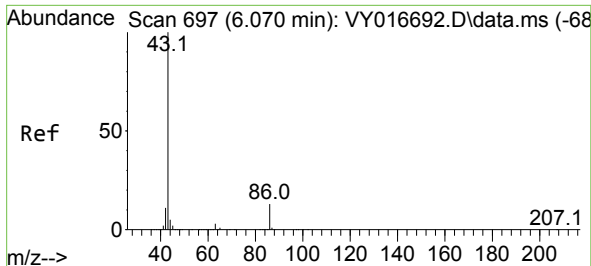
Tgt Ion: 96 Resp: 86631
Ion Ratio Lower Upper
96 100
61 125.8 100.0 150.0
98 64.5 52.2 78.2



#22
Diisopropyl ether
Concen: 50.391 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 45 Resp: 226430
Ion Ratio Lower Upper
45 100
43 62.1 42.4 63.6
87 31.9 25.0 37.4
59 13.3 10.6 16.0

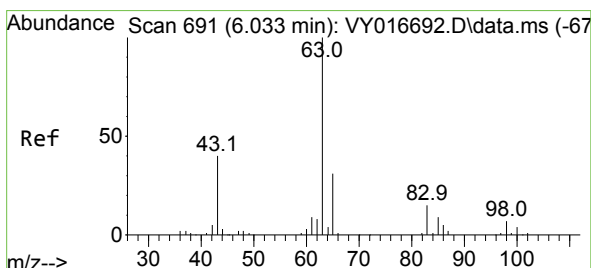
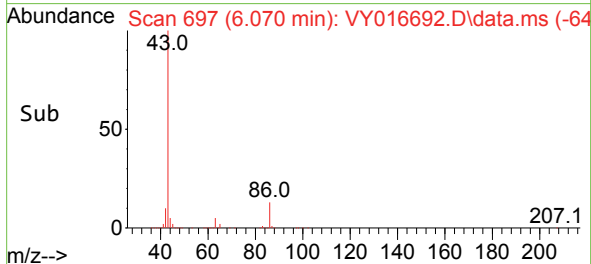
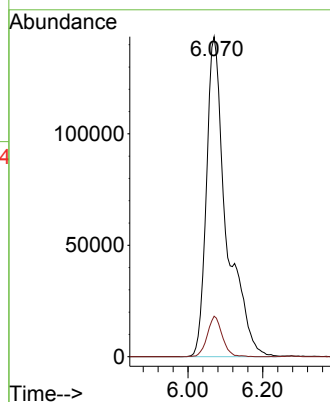
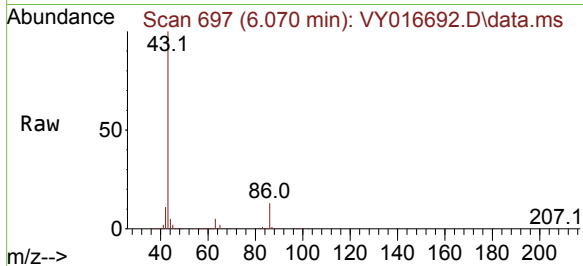




#23
 Vinyl Acetate
 Concen: 243.224 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

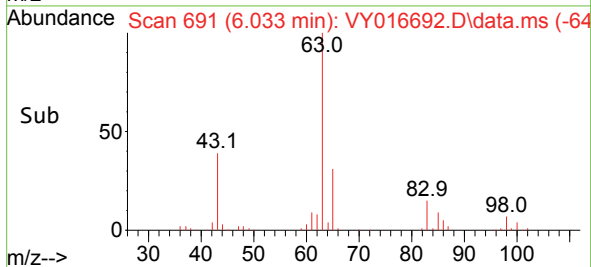
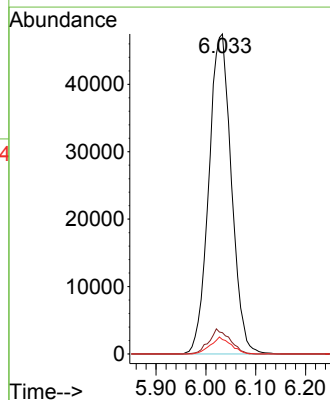
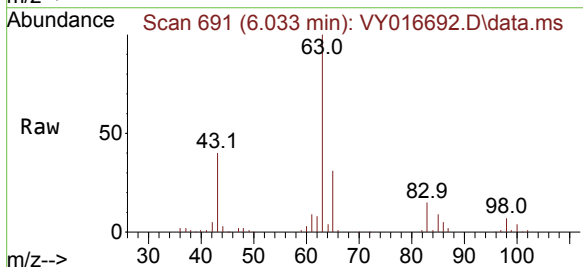
Instrument :
 MSVOA_Y
 ClientSampleId :

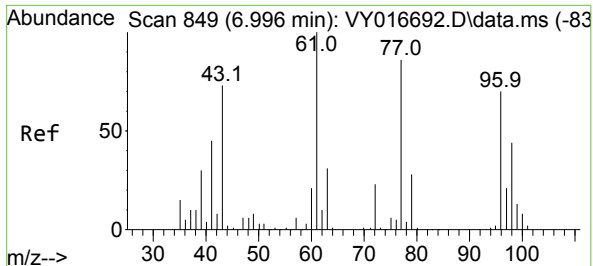
Tgt Ion: 43 Resp: 534419
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 48.213 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Tgt Ion: 63 Resp: 149192
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 233.928 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

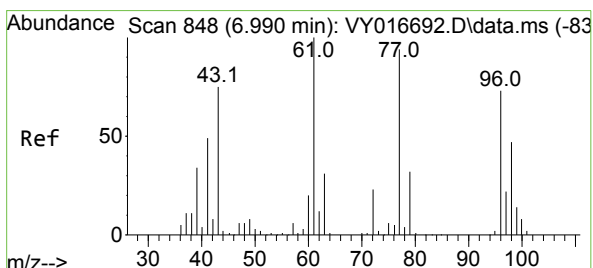
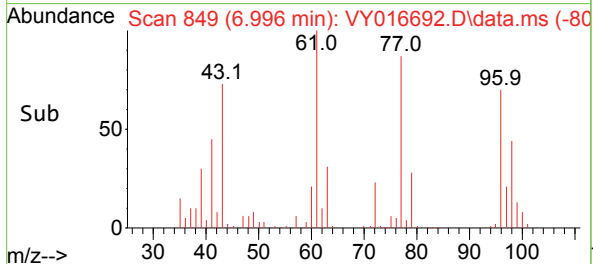
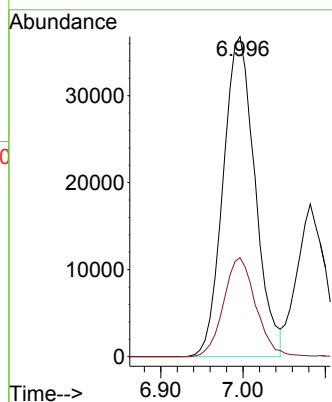
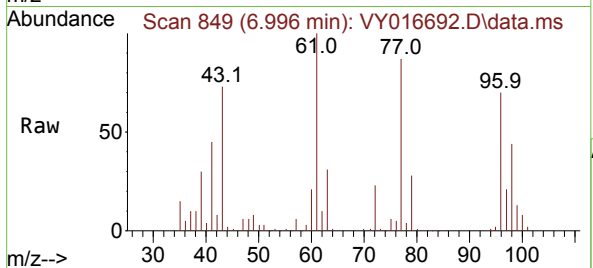
ClientSampleId :

Tgt Ion: 43 Resp: 99356

Ion Ratio Lower Upper

43 100

72 30.9 26.3 39.5



#26

2,2-Dichloropropane

Concen: 47.864 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY016692.D

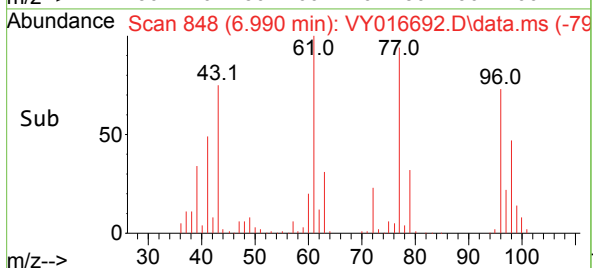
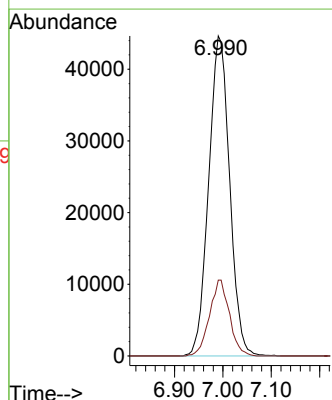
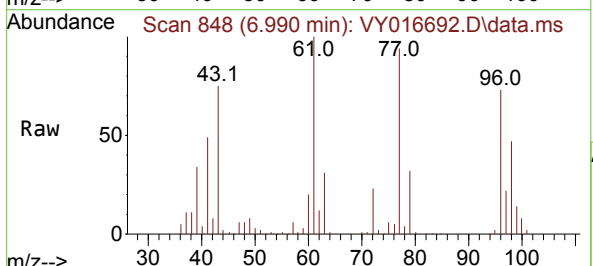
Acq: 19 Dec 2023 12:04

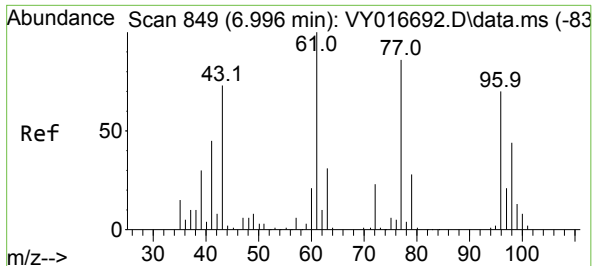
Tgt Ion: 77 Resp: 134508

Ion Ratio Lower Upper

77 100

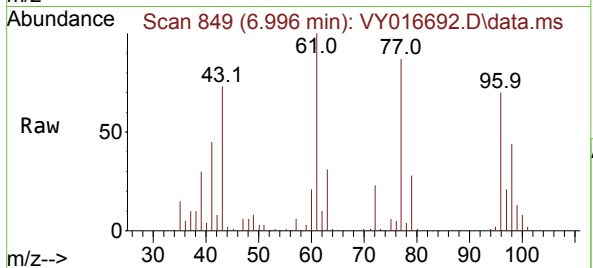
97 22.5 12.4 37.2





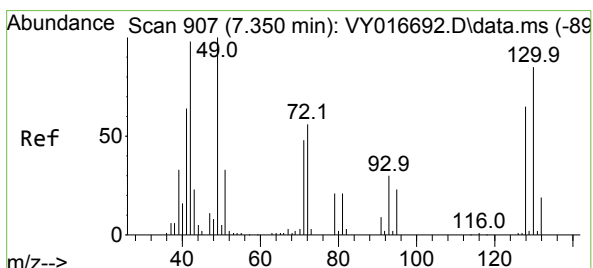
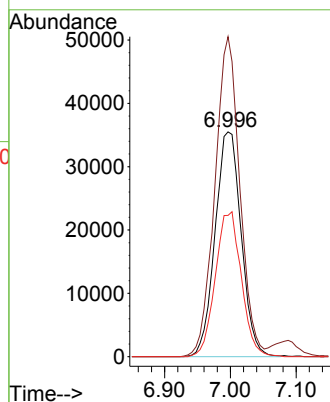
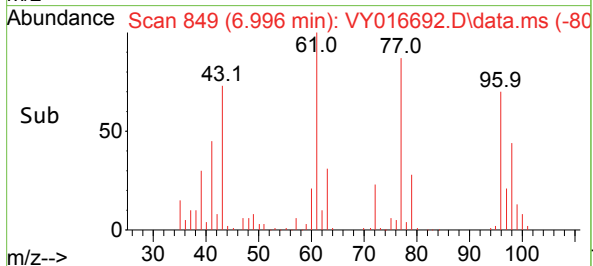
#27
 cis-1,2-Dichloroethene
 Concen: 48.753 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 97983

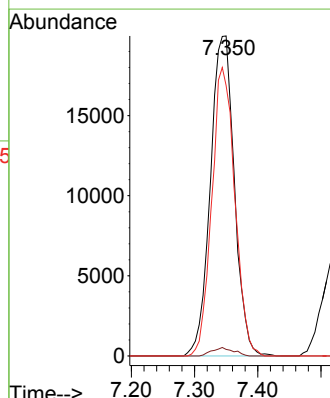
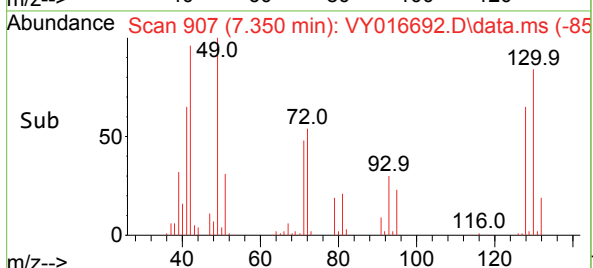
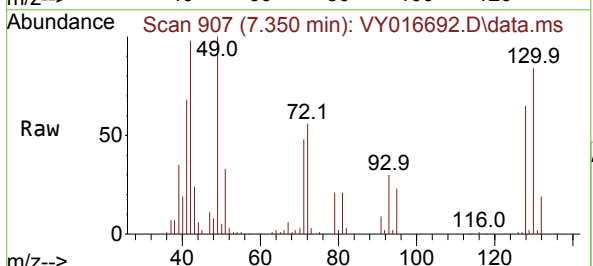
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	255.8
98	64.3	0.0	129.2

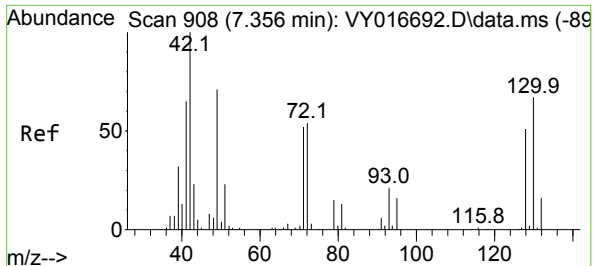


#28
 Bromochloromethane
 Concen: 46.671 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Tgt Ion: 49 Resp: 52443

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	86.6	75.9	113.9





#29

Tetrahydrofuran

Concen: 238.914 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

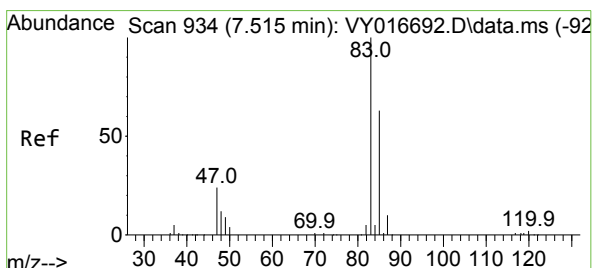
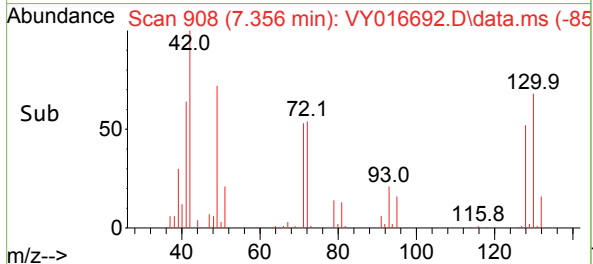
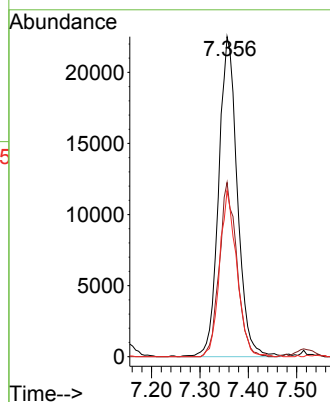
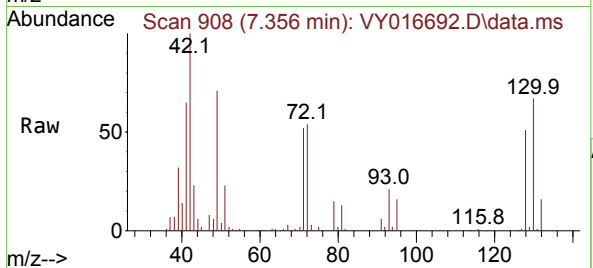
Tgt Ion: 42 Resp: 60389

Ion Ratio Lower Upper

42 100

72 51.2 40.3 60.5

71 48.0 38.9 58.3



#30

Chloroform

Concen: 47.771 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016692.D

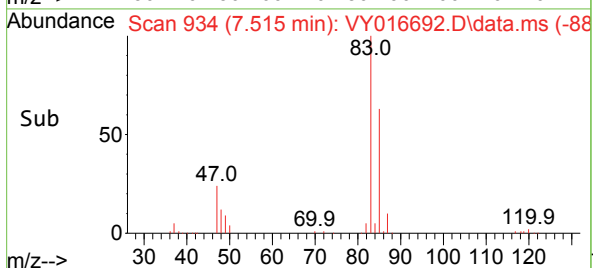
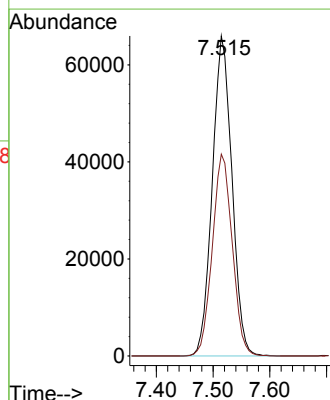
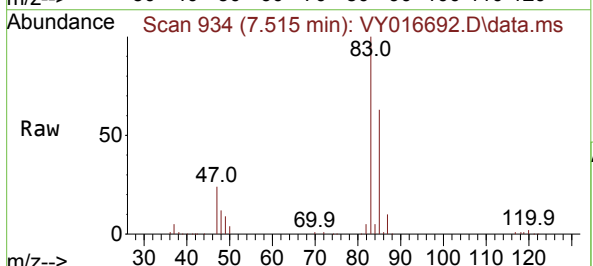
Acq: 19 Dec 2023 12:04

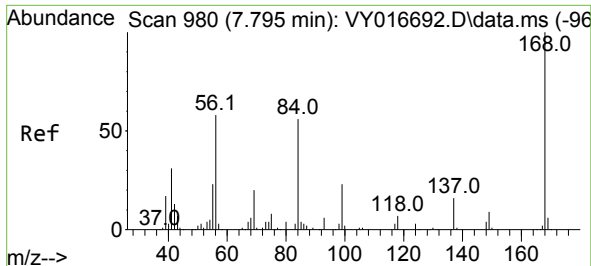
Tgt Ion: 83 Resp: 158596

Ion Ratio Lower Upper

83 100

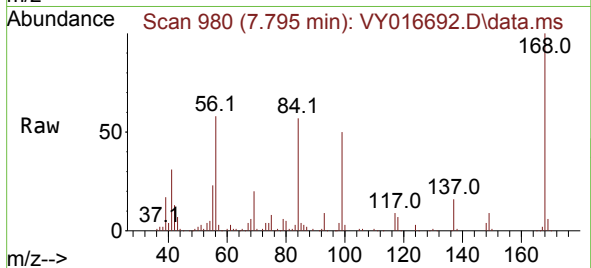
85 63.1 52.6 78.8



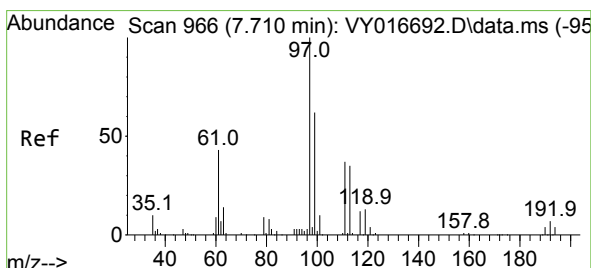
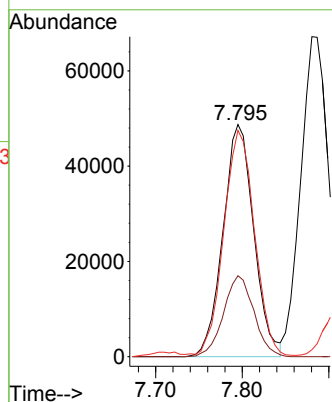
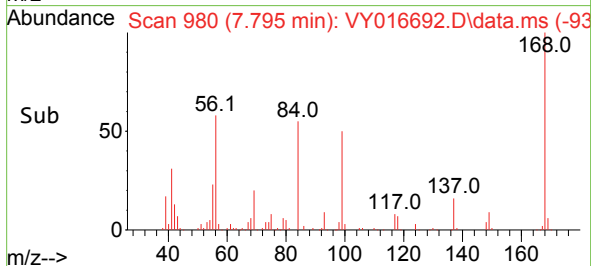


#31
Cyclohexane
Concen: 47.111 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Instrument :
MSVOA_Y
ClientSampleId :

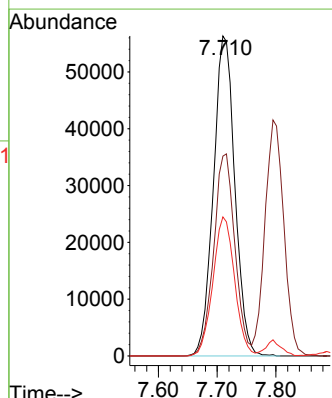
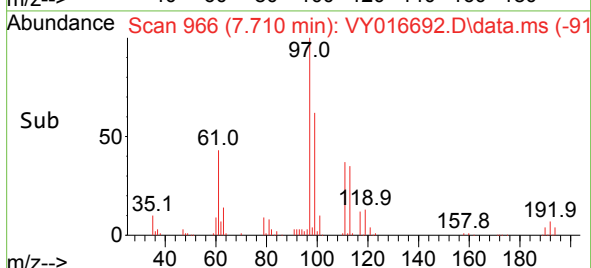
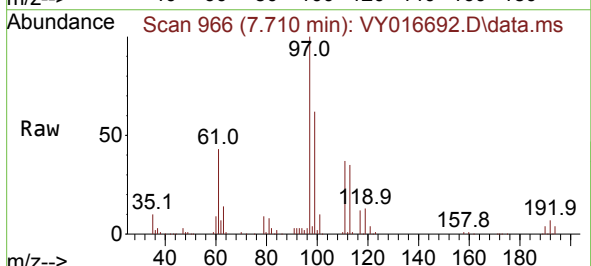


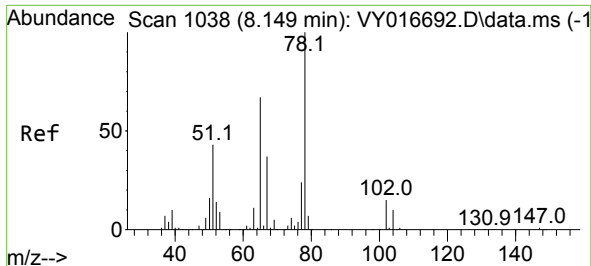
Tgt Ion: 56 Resp: 120385
Ion Ratio Lower Upper
56 100
69 34.9 27.5 41.3
84 96.4 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 48.466 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 97 Resp: 142876
Ion Ratio Lower Upper
97 100
99 62.6 51.4 77.0
61 43.9 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 51.401 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

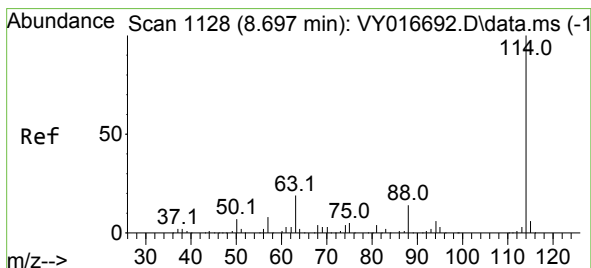
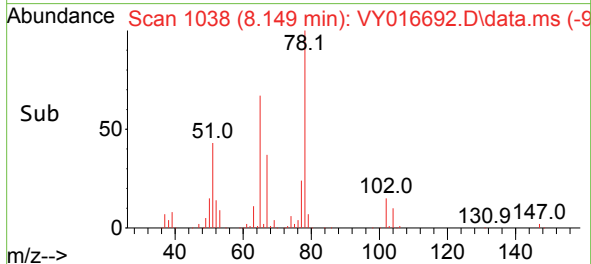
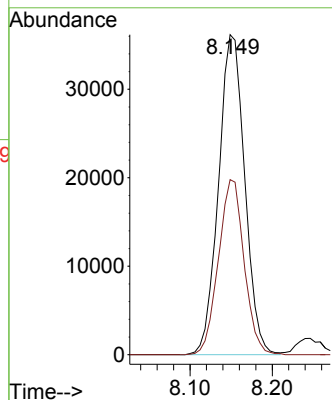
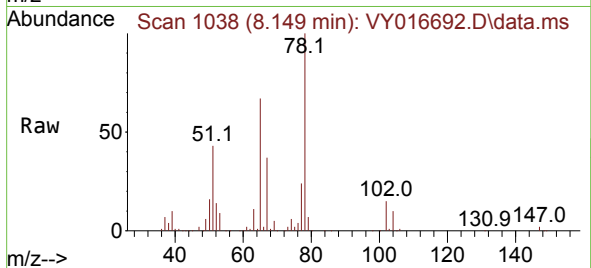
ClientSampleId :

Tgt Ion: 65 Resp: 80249

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

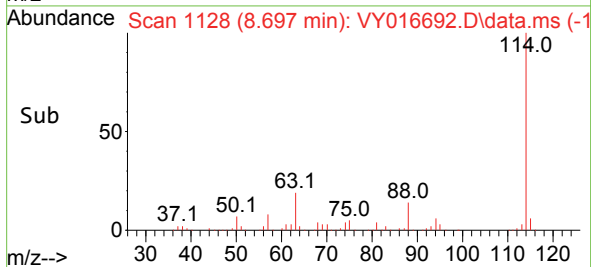
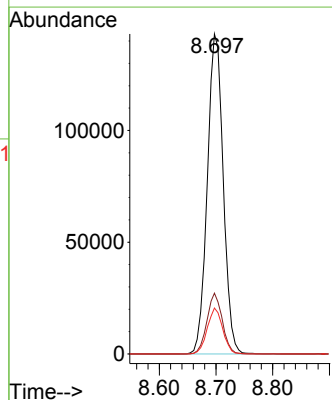
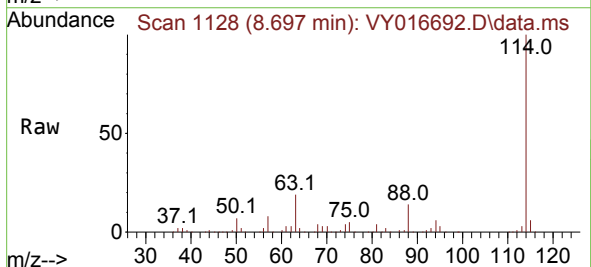
Tgt Ion: 114 Resp: 279053

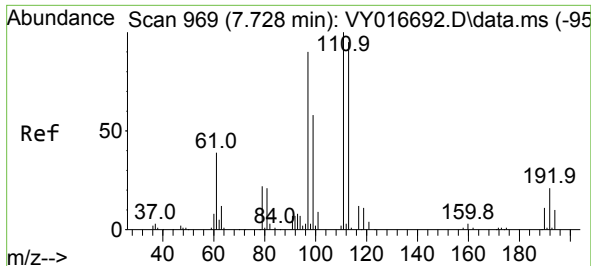
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 14.4 0.0 29.2

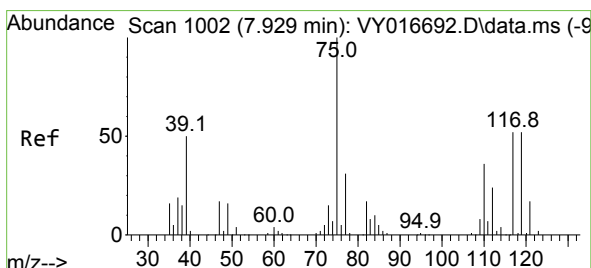
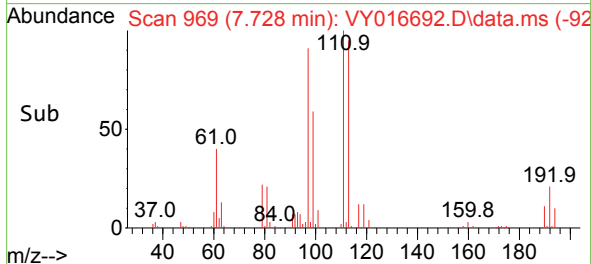
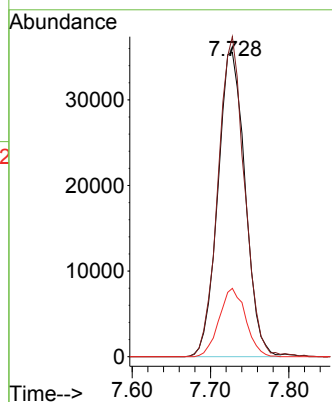
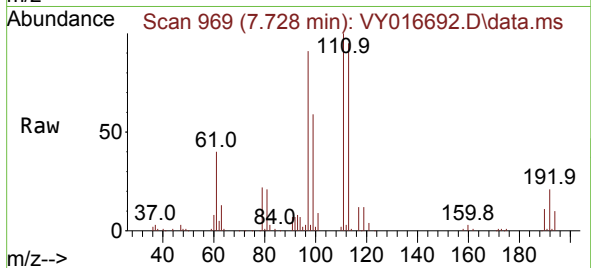




#35
Dibromofluoromethane
Concen: 52.537 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

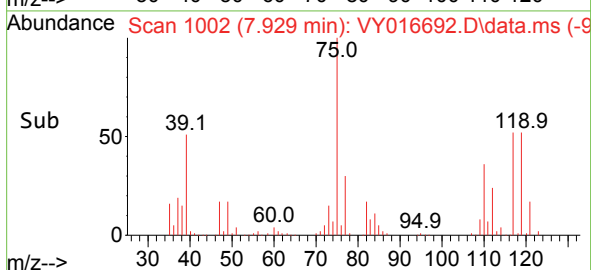
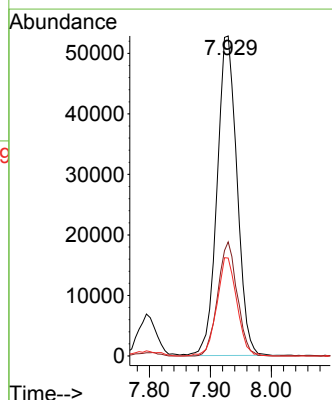
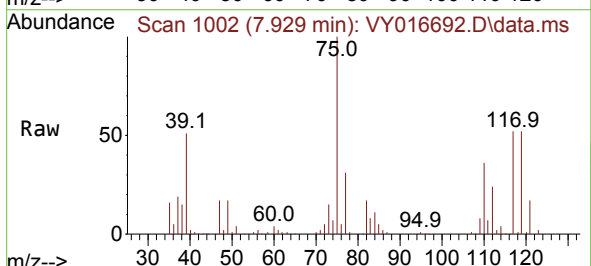
Instrument :
MSVOA_Y
ClientSampleId :

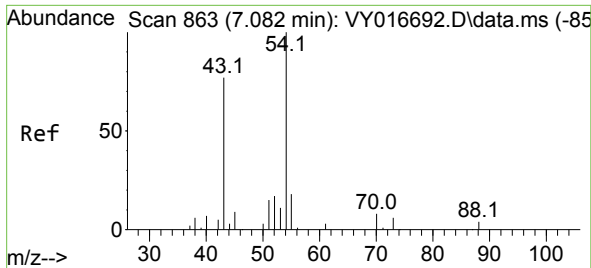
Tgt Ion:113 Resp: 86345
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 21.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.180 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 75 Resp: 119779
Ion Ratio Lower Upper
75 100
110 34.9 18.9 56.9
77 30.9 25.3 37.9

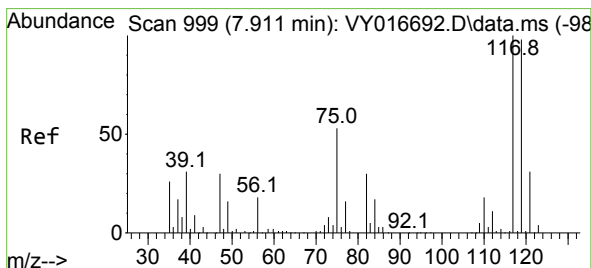
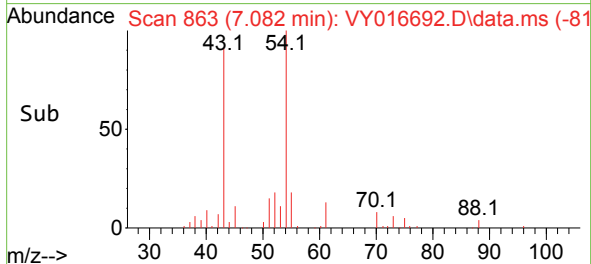
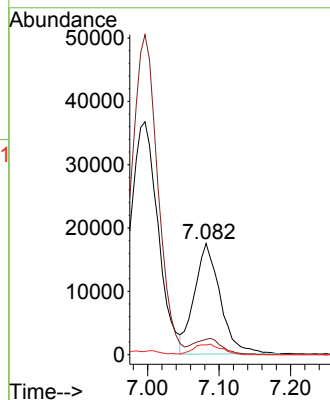
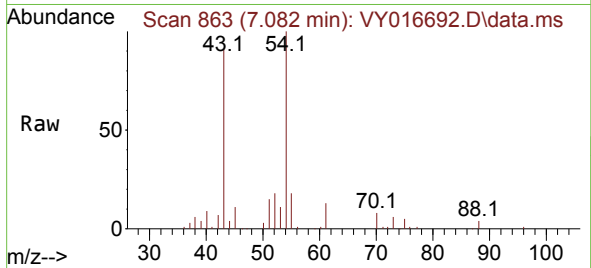




#37
Ethyl Acetate
Concen: 45.913 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

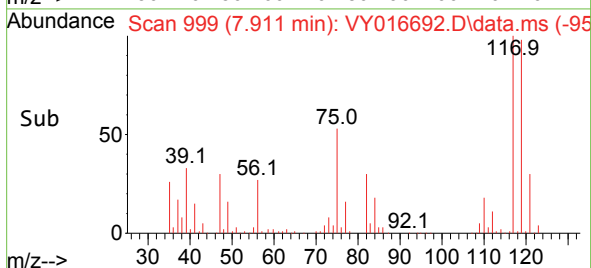
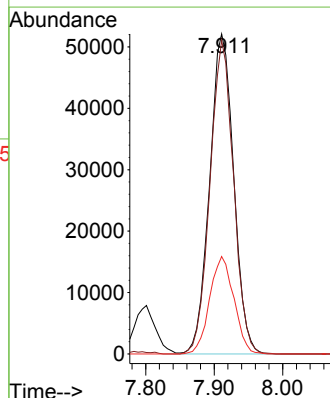
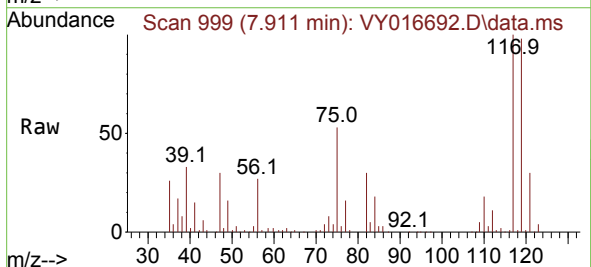
Instrument :
MSVOA_Y
ClientSampleId :

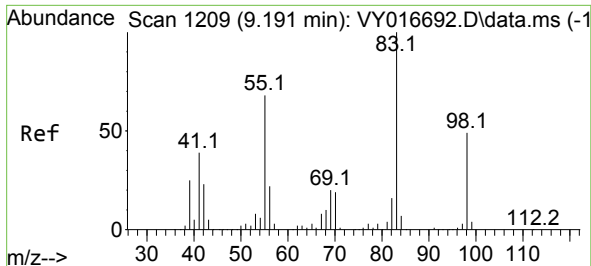
Tgt Ion: 43	Resp: 43717
Ion Ratio	Lower Upper
43	100
61	15.2 13.0 19.4
70	10.2 9.9 14.9



#38
Carbon Tetrachloride
Concen: 47.352 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 117	Resp: 127019
Ion Ratio	Lower Upper
117	100
119	98.0 75.0 112.4
121	30.4 24.2 36.4





#39

Methylcyclohexane

Concen: 49.860 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

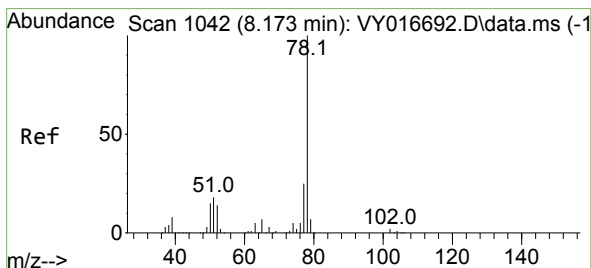
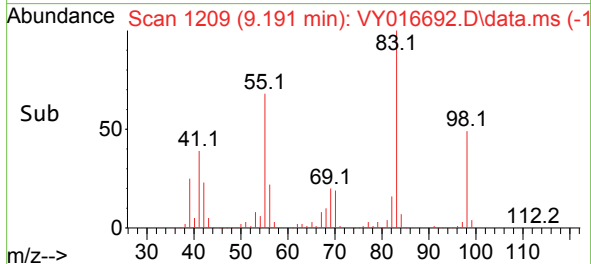
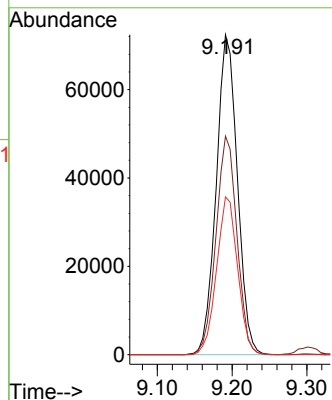
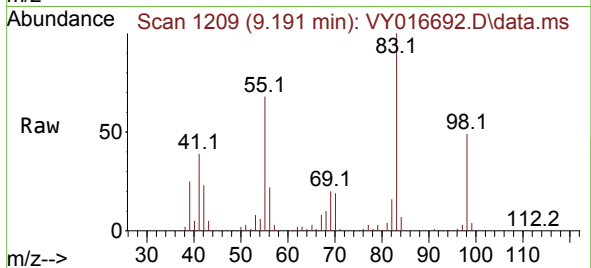
Tgt Ion: 83 Resp: 142716

Ion Ratio Lower Upper

83 100

55 68.3 54.6 81.8

98 49.3 40.1 60.1



#40

Benzene

Concen: 48.193 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016692.D

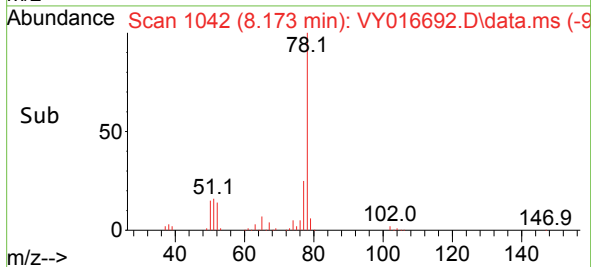
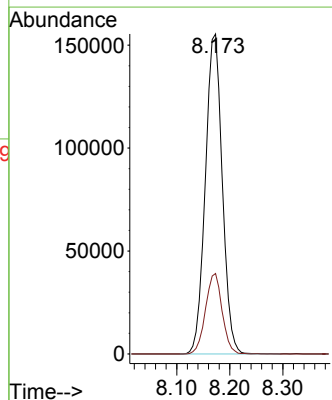
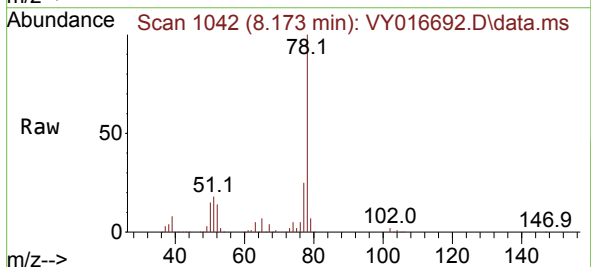
Acq: 19 Dec 2023 12:04

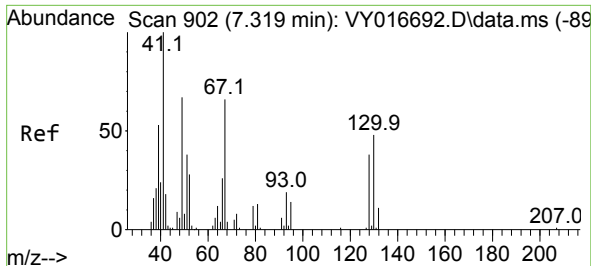
Tgt Ion: 78 Resp: 344233

Ion Ratio Lower Upper

78 100

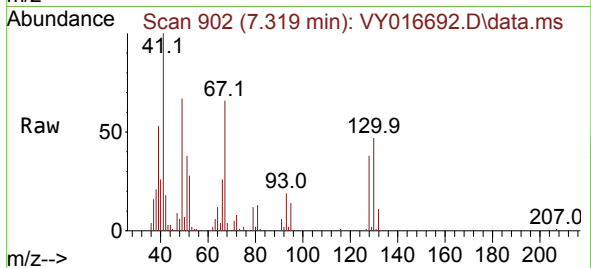
77 25.1 19.0 28.4



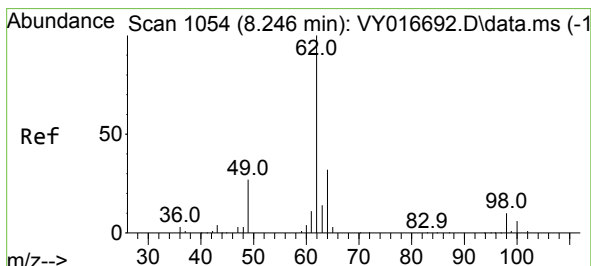
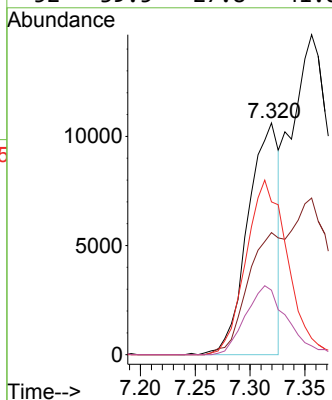
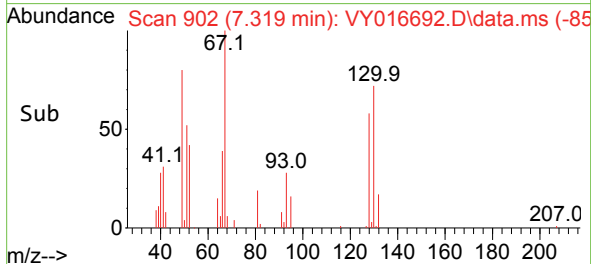


#41
Methacrylonitrile
Concen: 41.189 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Instrument :
MSVOA_Y
ClientSampleId :

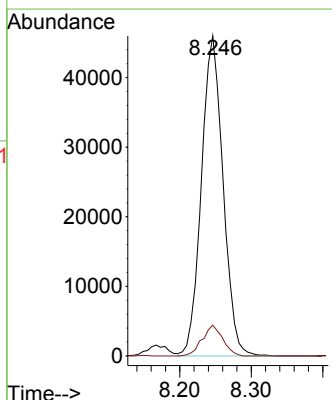
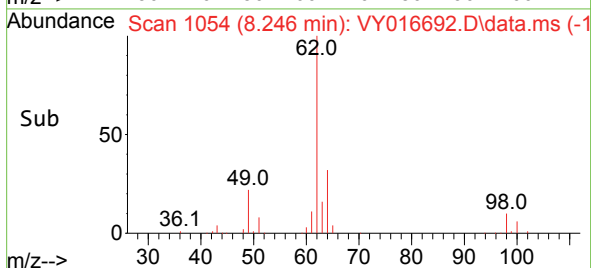
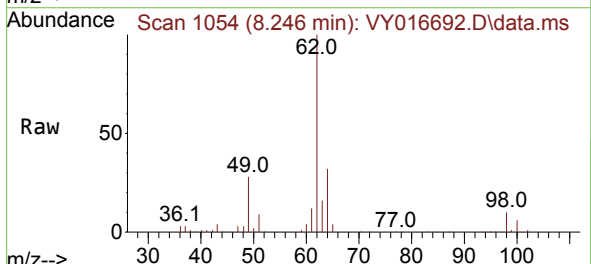


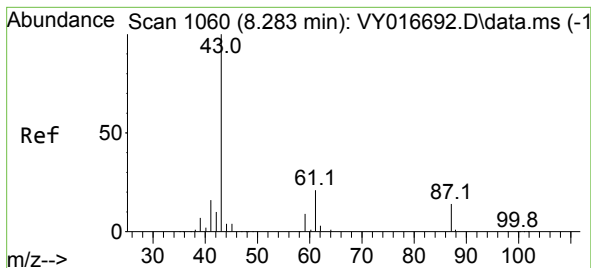
Tgt Ion: 41 Resp: 20829
Ion Ratio Lower Upper
41 100
39 63.5 47.8 71.6
67 101.1 74.9 112.3
52 39.5 27.8 41.8



#42
1,2-Dichloroethane
Concen: 47.843 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 62 Resp: 96700
Ion Ratio Lower Upper
62 100
98 9.1 0.0 22.4





#43

Isopropyl Acetate

Concen: 47.182 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

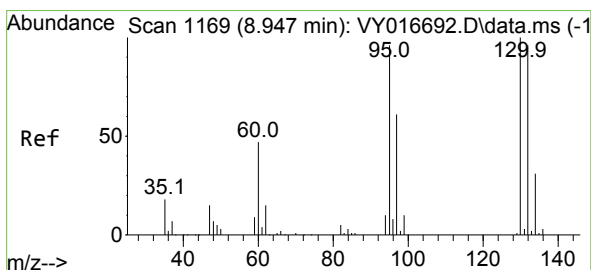
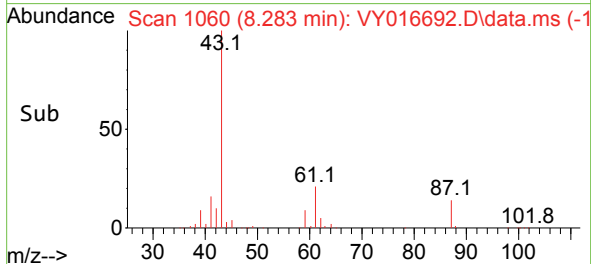
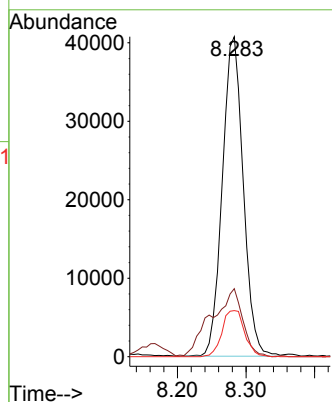
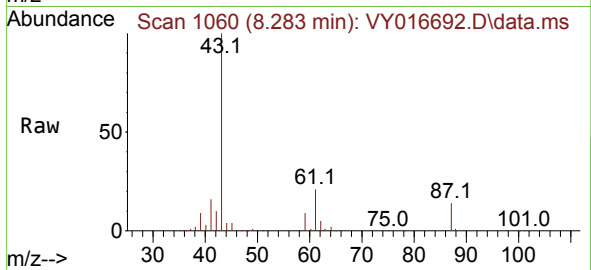
Tgt Ion: 43 Resp: 86287

Ion Ratio Lower Upper

43 100

61 32.0 27.4 41.0

87 15.5 13.2 19.8



#44

Trichloroethene

Concen: 47.594 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY016692.D

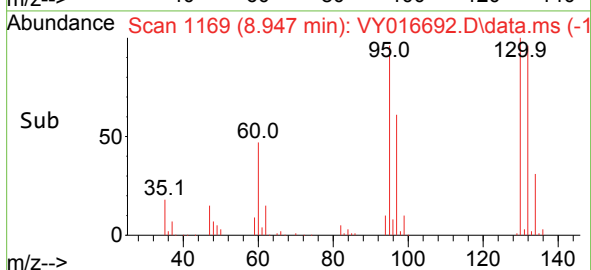
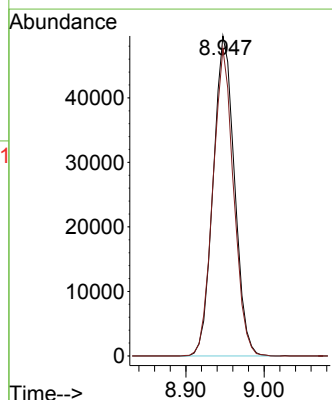
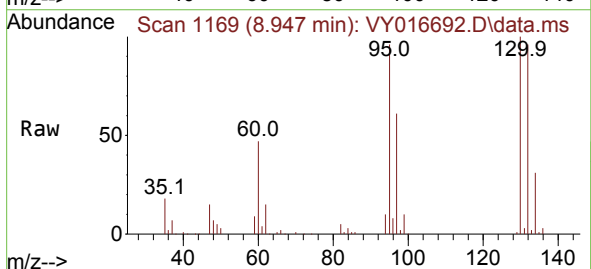
Acq: 19 Dec 2023 12:04

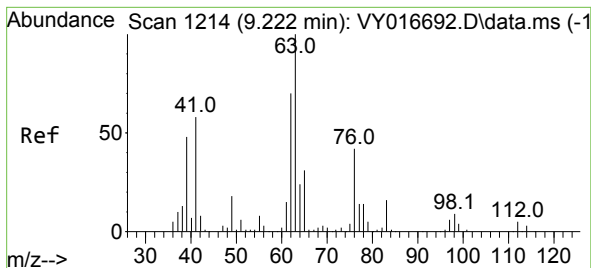
Tgt Ion:130 Resp: 93554

Ion Ratio Lower Upper

130 100

95 96.0 0.0 189.2





#45

1,2-Dichloropropane

Concen: 47.940 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

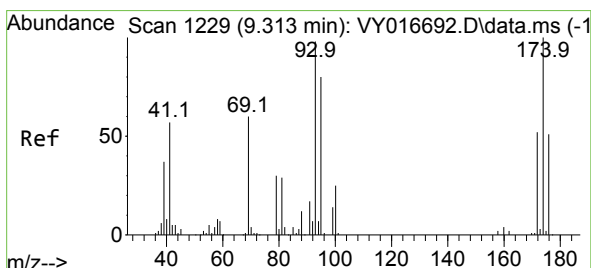
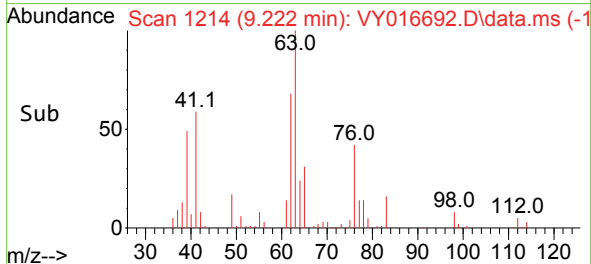
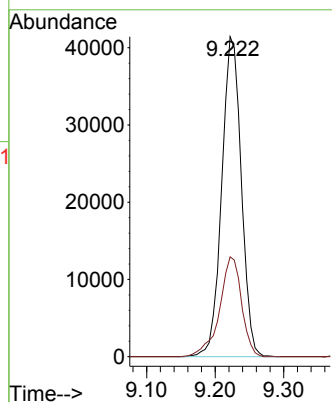
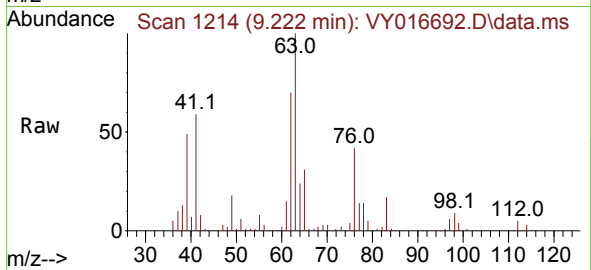
ClientSampleId :

Tgt Ion: 63 Resp: 81845

Ion Ratio Lower Upper

63 100

65 31.2 24.0 36.0



#46

Dibromomethane

Concen: 47.795 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

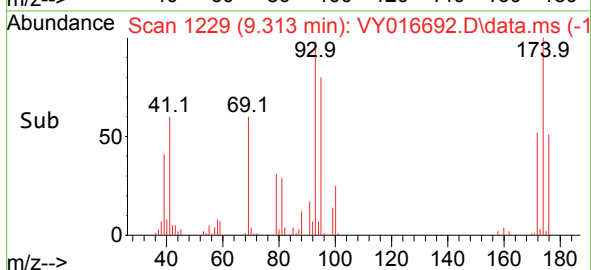
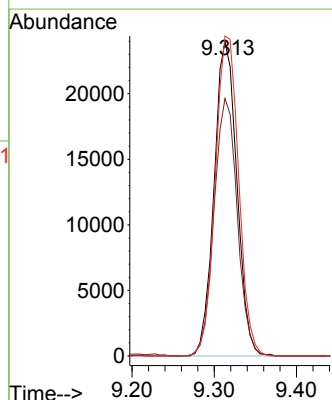
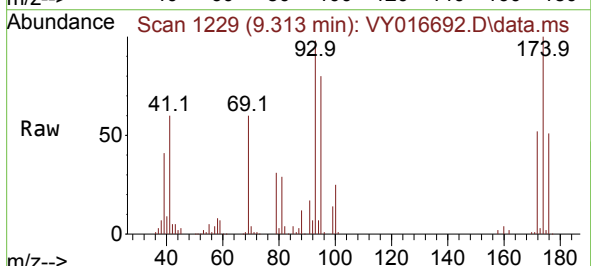
Tgt Ion: 93 Resp: 46079

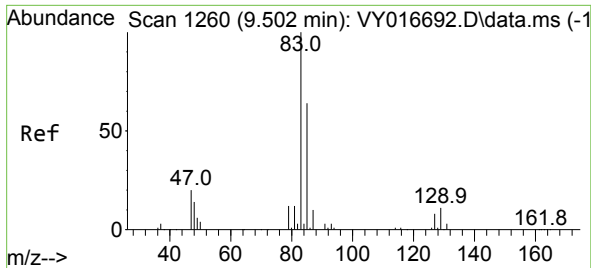
Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

174 104.3 85.2 127.8

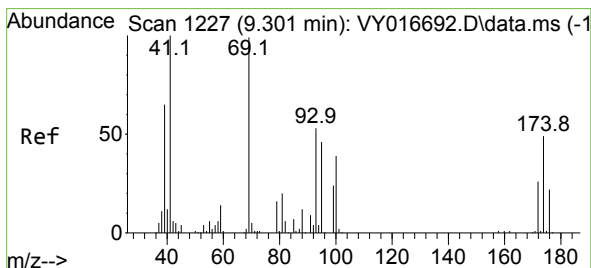
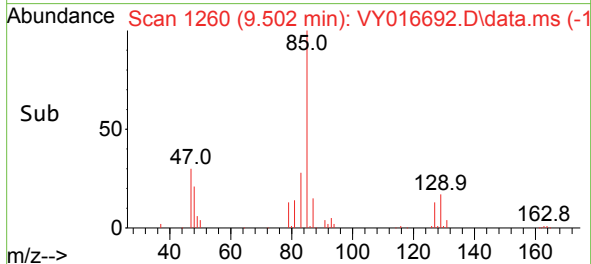
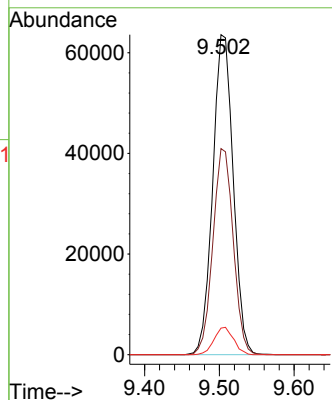
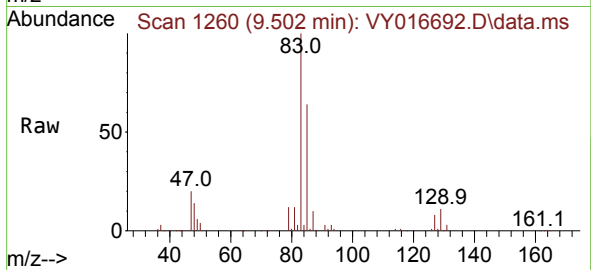




#47
Bromodichloromethane
Concen: 48.063 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

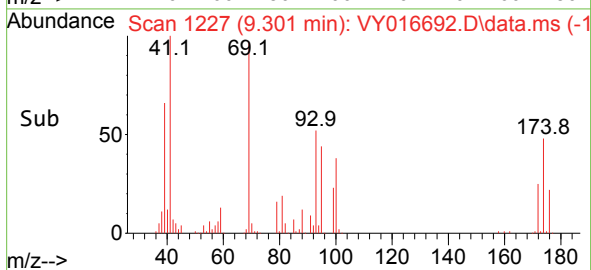
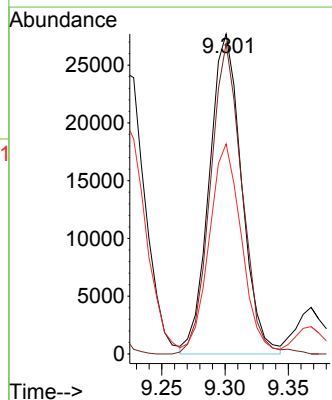
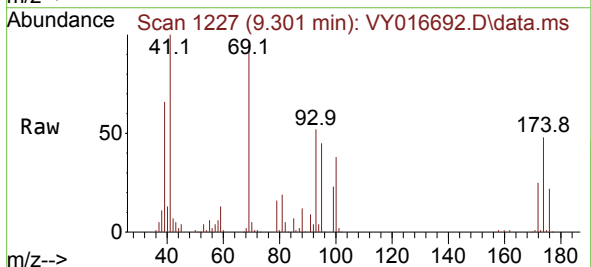
Instrument :
MSVOA_Y
ClientSampleId :

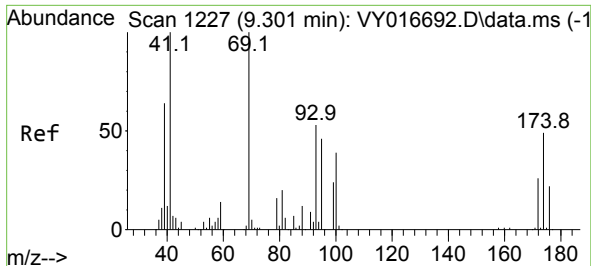
Tgt Ion: 83 Resp: 120987
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 8.3 7.3 10.9



#48
Methyl methacrylate
Concen: 49.824 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 41 Resp: 49438
Ion Ratio Lower Upper
41 100
69 94.2 85.5 128.3
39 62.3 40.9 61.3#





#49

1,4-Dioxane

Concen: 981.698 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

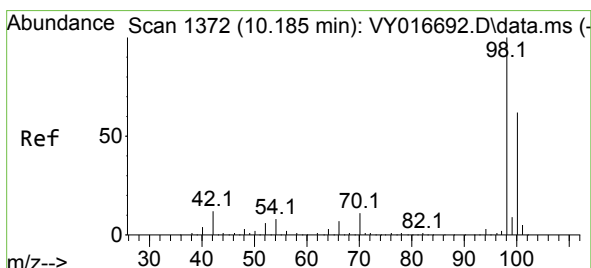
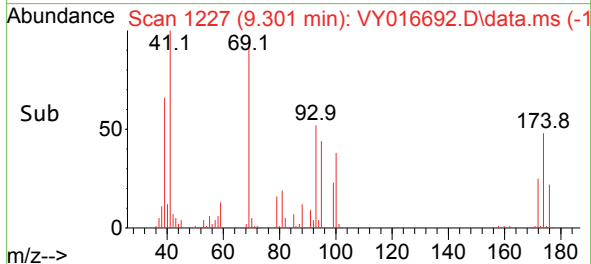
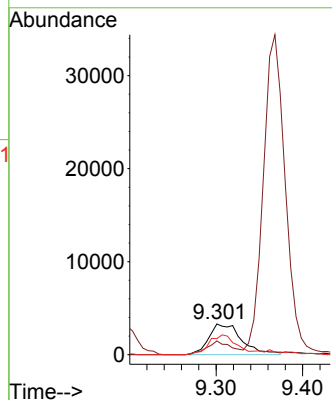
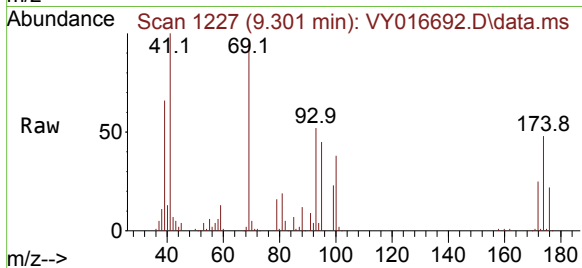
Tgt Ion: 88 Resp: 8714

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0#

58 53.7 54.0 81.0#



#50

Toluene-d8

Concen: 53.675 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY016692.D

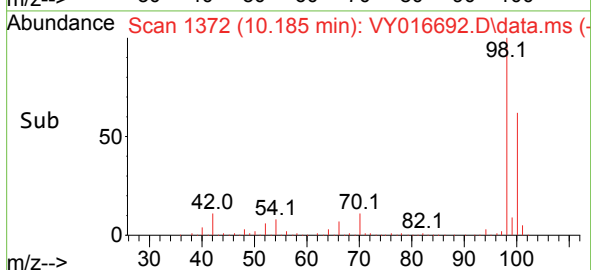
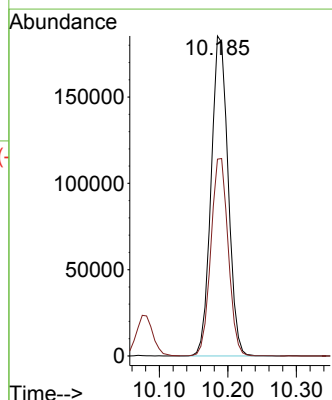
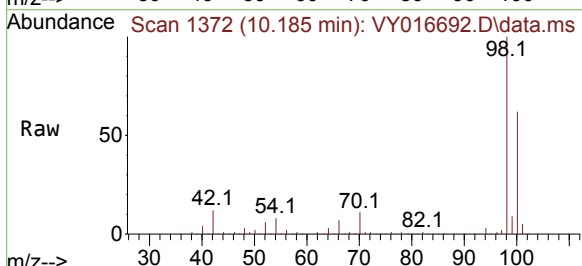
Acq: 19 Dec 2023 12:04

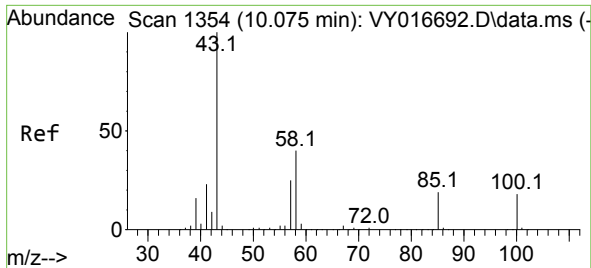
Tgt Ion: 98 Resp: 319482

Ion Ratio Lower Upper

98 100

100 62.8 52.5 78.7

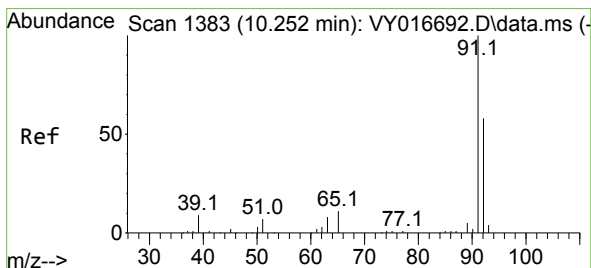
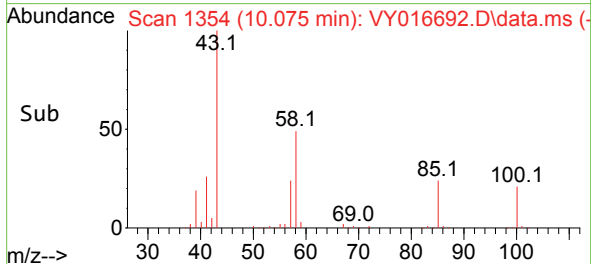
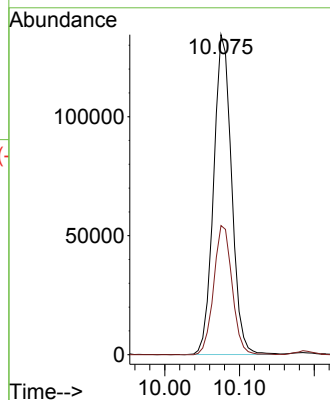
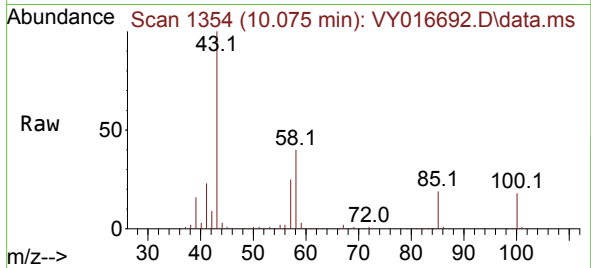




#51
4-Methyl-2-Pentanone
Concen: 239.792 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

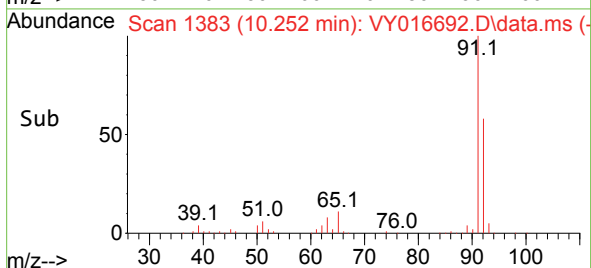
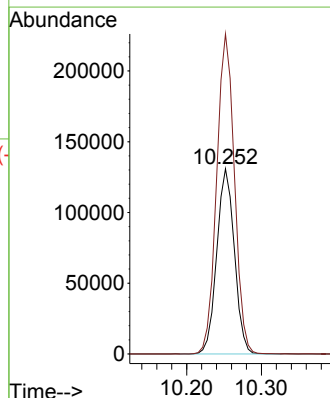
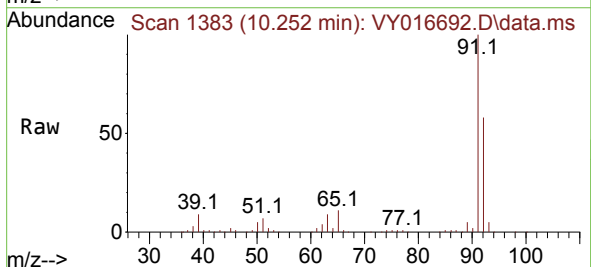
Instrument :
MSVOA_Y
ClientSampleId :

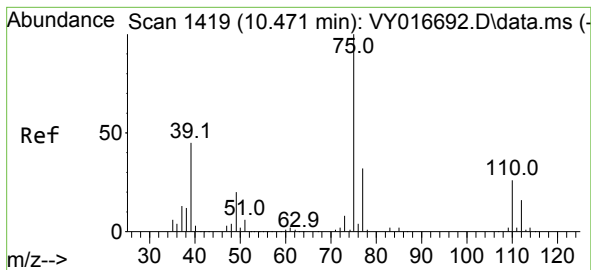
Tgt Ion: 43 Resp: 225082
Ion Ratio Lower Upper
43 100
58 41.3 35.8 53.8



#52
Toluene
Concen: 48.998 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 92 Resp: 214138
Ion Ratio Lower Upper
92 100
91 174.9 136.3 204.5

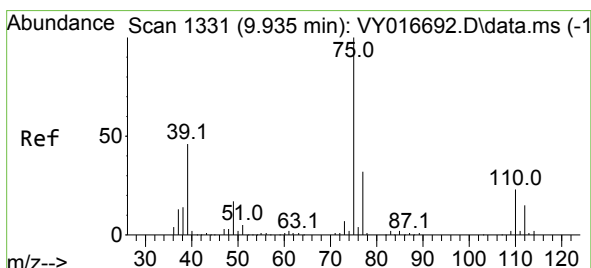
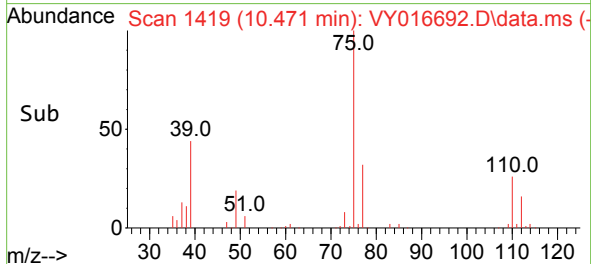
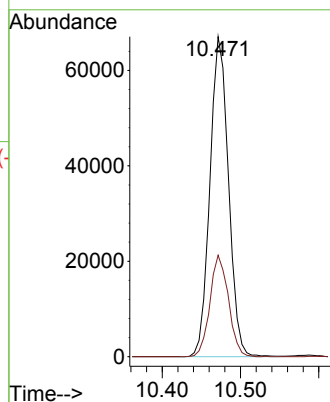
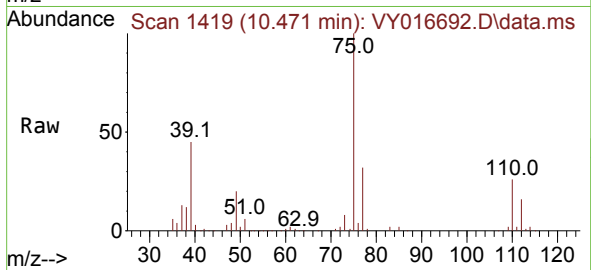




#53
 t-1,3-Dichloropropene
 Concen: 48.925 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

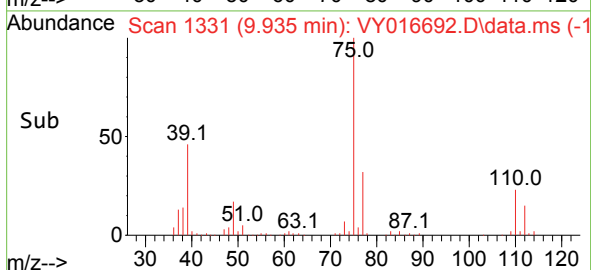
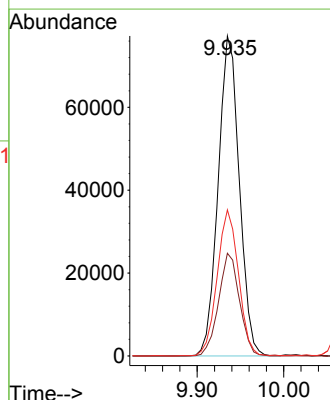
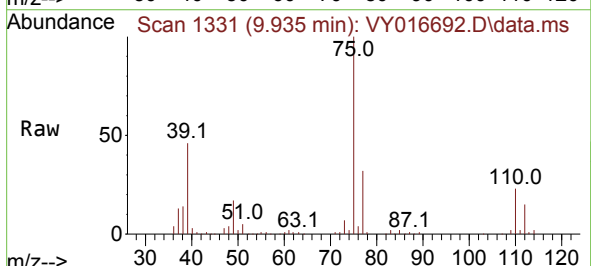
Instrument :
 MSVOA_Y
 ClientSampleId :

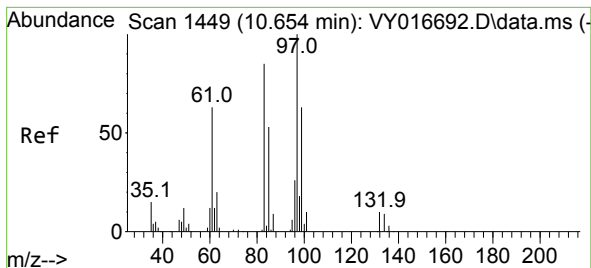
Tgt Ion: 75 Resp: 110272
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.029 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Tgt Ion: 75 Resp: 130939
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 45.6 29.7 44.5#

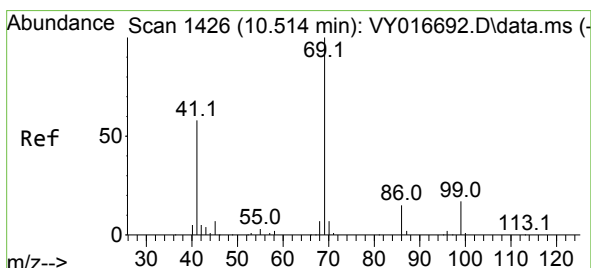
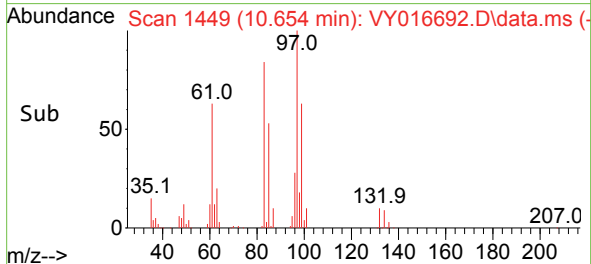
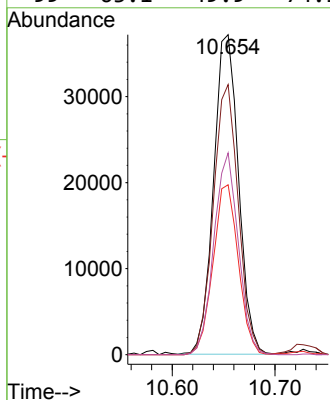
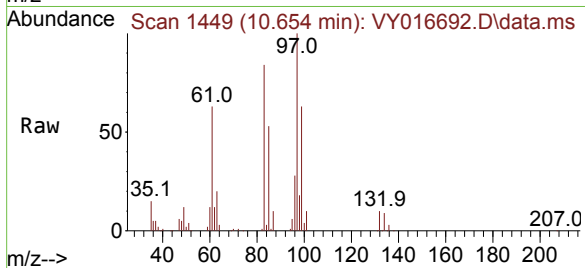




#55
1,1,2-Trichloroethane
Concen: 46.994 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

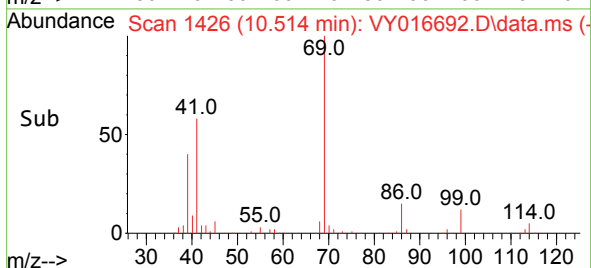
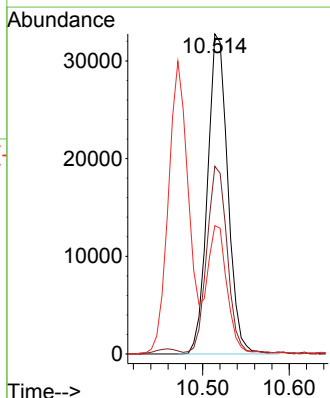
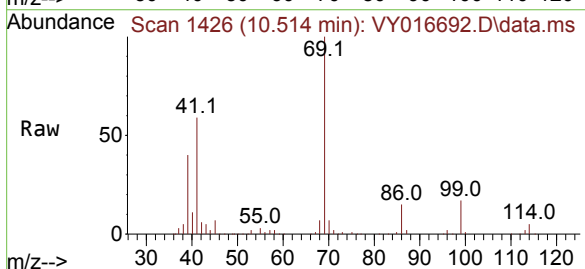
Instrument :
MSVOA_Y
ClientSampleId :

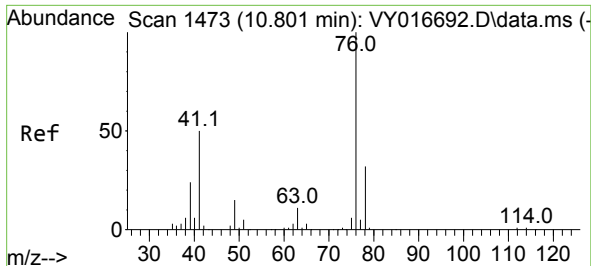
Tgt Ion:	97	Resp:	62585
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.6
85	53.2	43.4	65.2
99	63.1	49.9	74.9



#56
Ethyl methacrylate
Concen: 49.182 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:	69	Resp:	53300
Ion	Ratio	Lower	Upper
69	100		
41	58.7	44.6	67.0
39	39.9	21.5	32.3





#57

1,3-Dichloropropane

Concen: 48.540 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

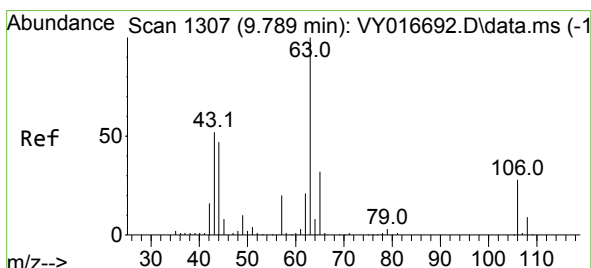
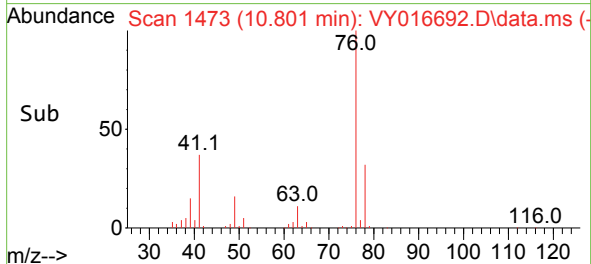
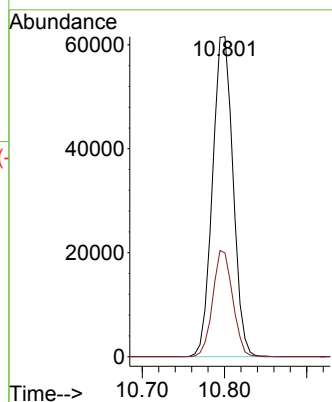
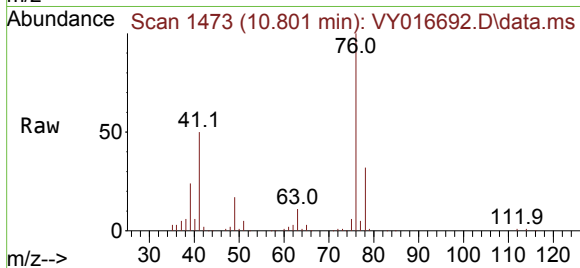
ClientSampleId :

Tgt Ion: 76 Resp: 106666

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 221.500 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016692.D

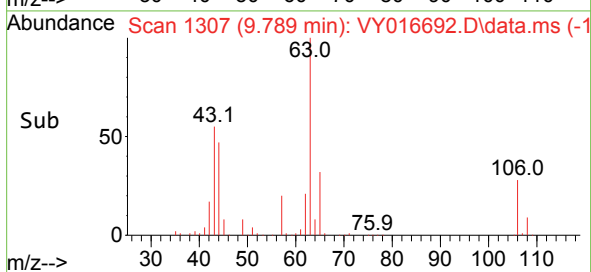
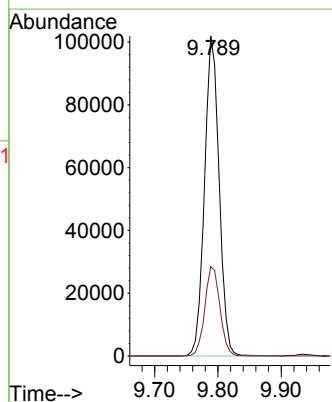
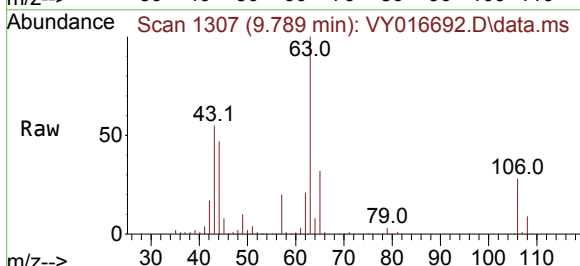
Acq: 19 Dec 2023 12:04

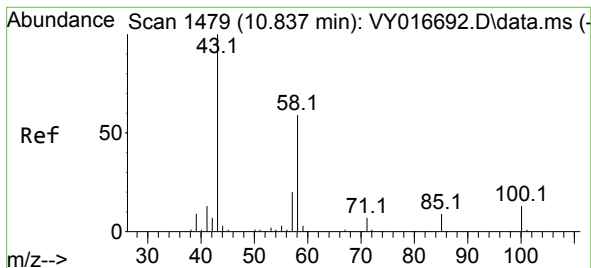
Tgt Ion: 63 Resp: 163797

Ion Ratio Lower Upper

63 100

106 28.9 25.4 38.2

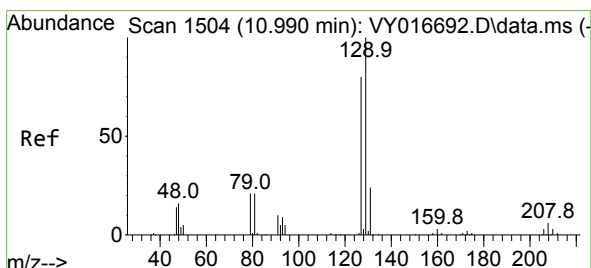
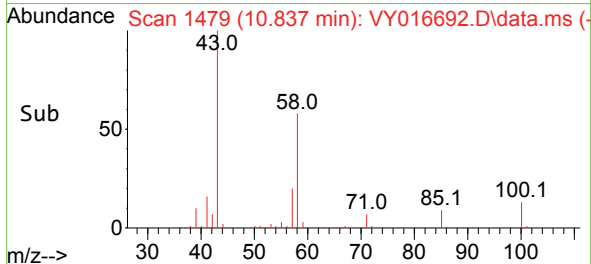
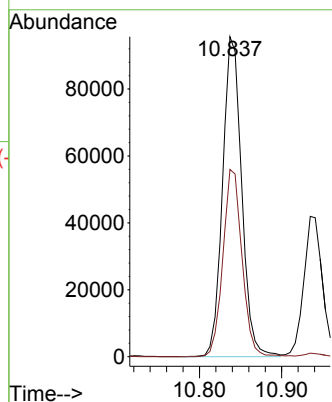
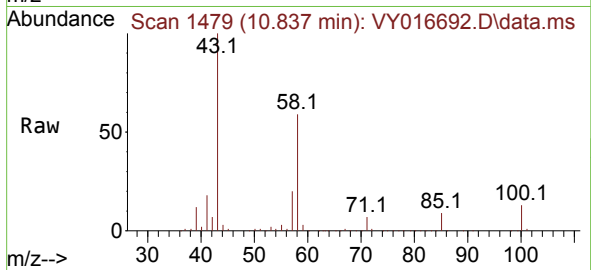




#59
2-Hexanone
Concen: 225.076 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

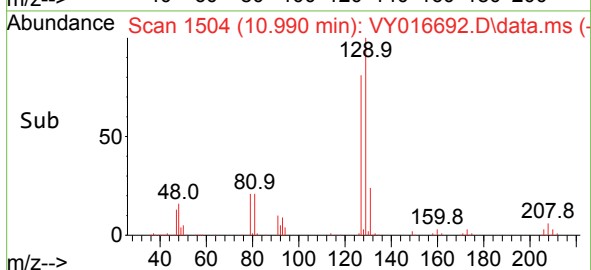
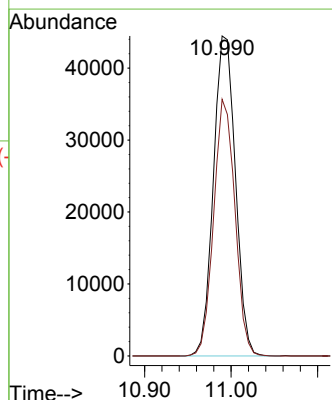
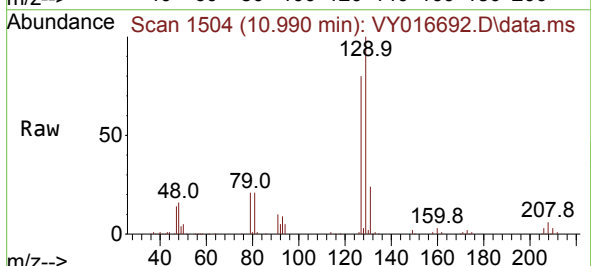
Instrument :
MSVOA_Y
ClientSampleId :

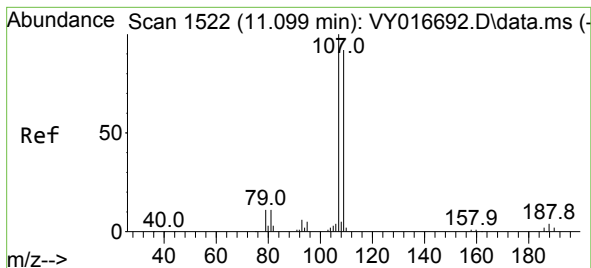
Tgt Ion: 43 Resp: 153924
Ion Ratio Lower Upper
43 100
58 58.6 30.8 92.4



#60
Dibromochloromethane
Concen: 48.521 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:129 Resp: 78457
Ion Ratio Lower Upper
129 100
127 77.6 38.0 113.9

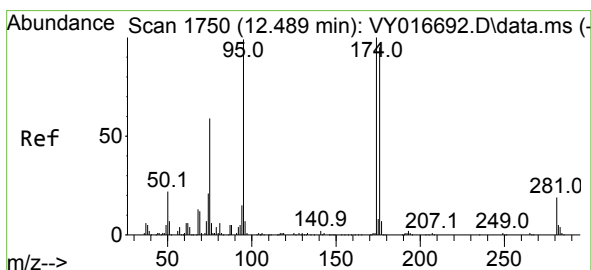
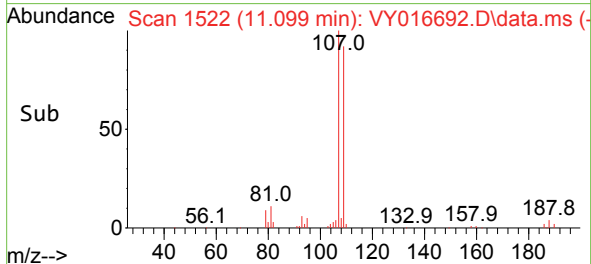
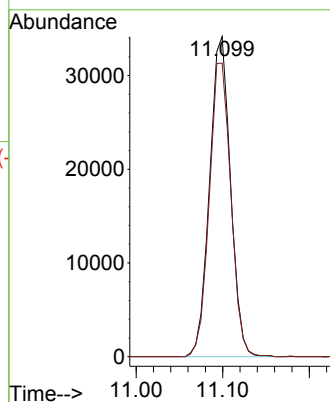
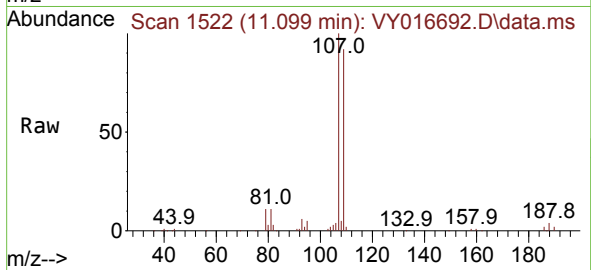




#61
1,2-Dibromoethane
Concen: 47.712 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

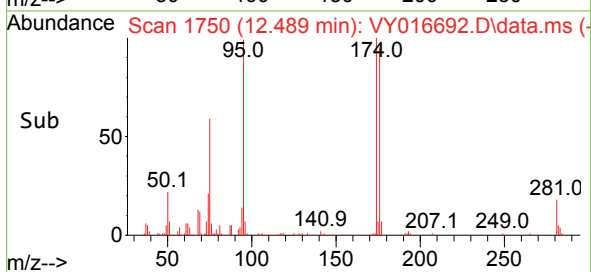
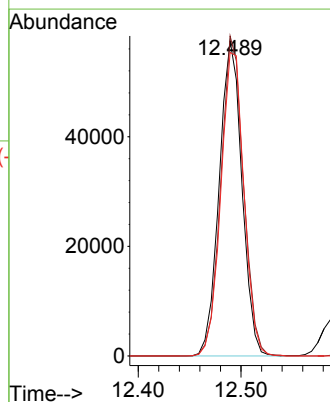
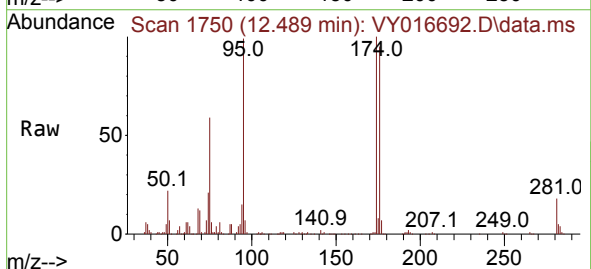
Instrument :
MSVOA_Y
ClientSampleId :

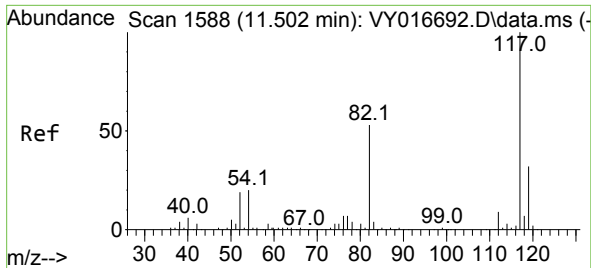
Tgt Ion:107 Resp: 57227
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 52.019 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 95 Resp: 88037
Ion Ratio Lower Upper
95 100
174 101.0 0.0 181.0
176 98.0 0.0 176.6

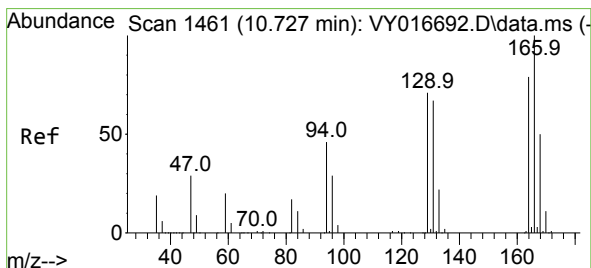
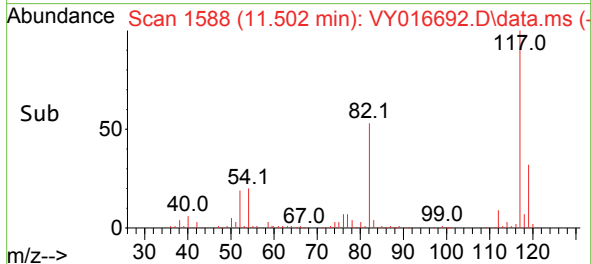
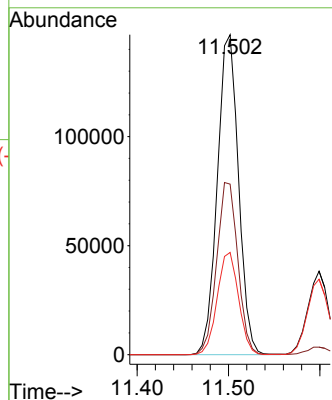
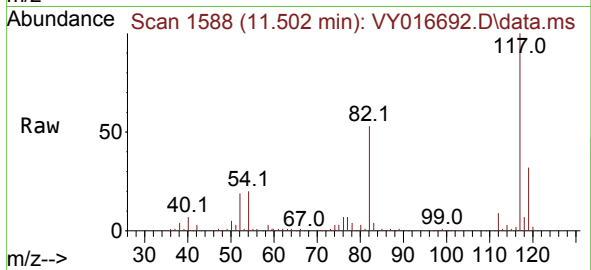




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

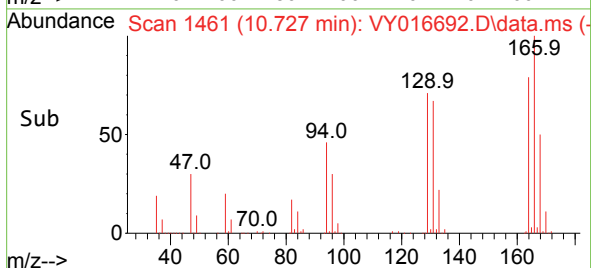
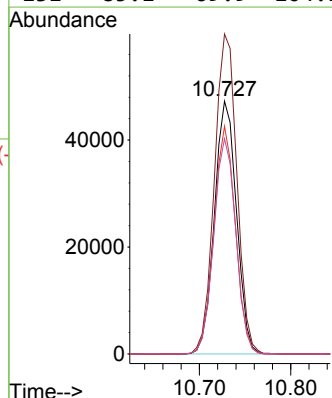
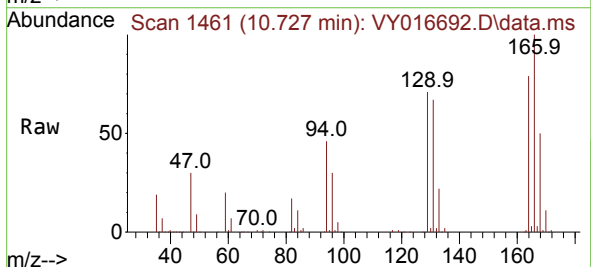
Instrument :
MSVOA_Y
ClientSampleId :

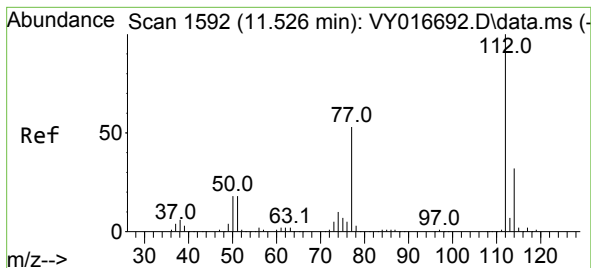
Tgt Ion:117 Resp: 236684
Ion Ratio Lower Upper
117 100
82 53.3 41.0 61.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 48.661 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:164 Resp: 79444
Ion Ratio Lower Upper
164 100
166 126.6 103.9 155.9
129 90.1 71.4 107.2
131 85.1 69.9 104.9

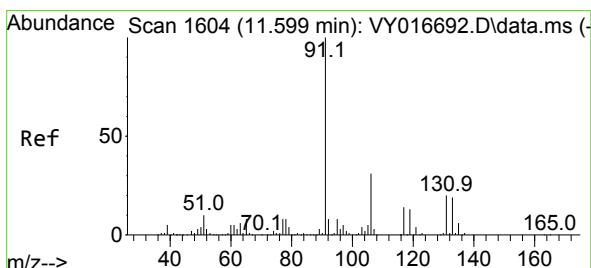
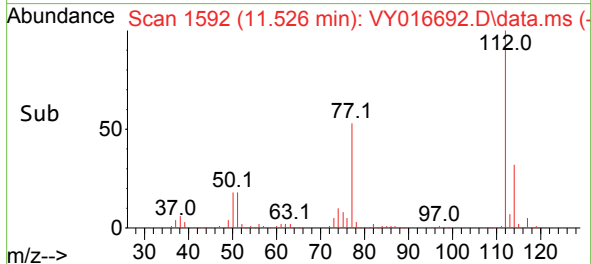
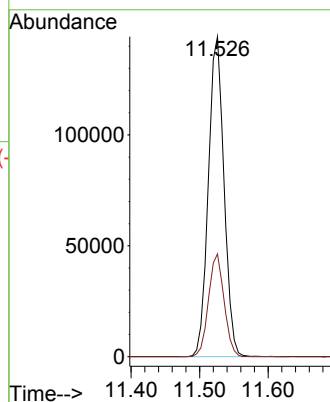
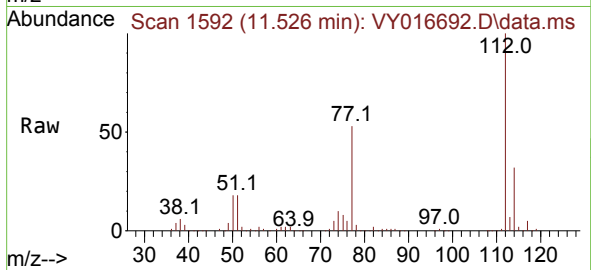




#65
Chlorobenzene
Concen: 48.844 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

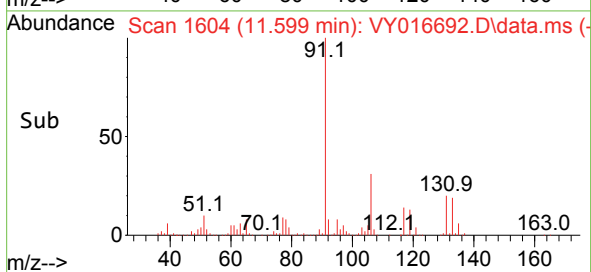
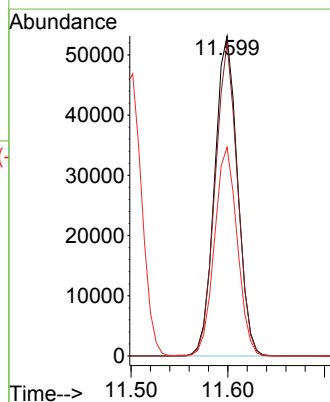
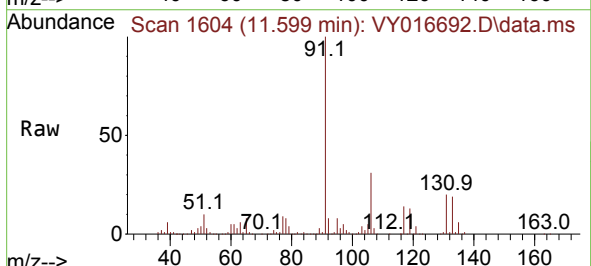
Instrument :
MSVOA_Y
ClientSampleId :

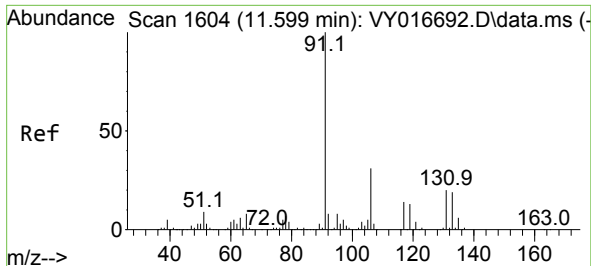
Tgt Ion:112 Resp: 228942
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.111 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:131 Resp: 87363
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.6
119 65.0 32.9 98.7

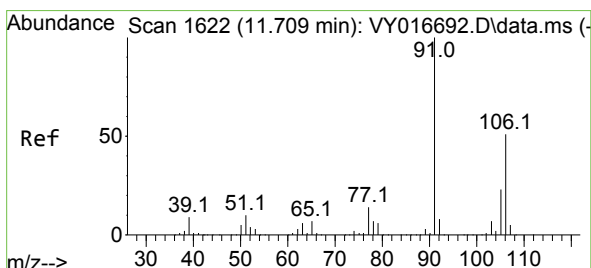
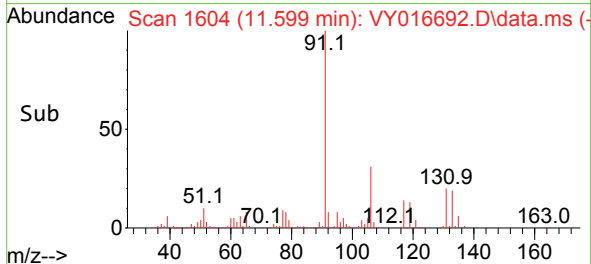
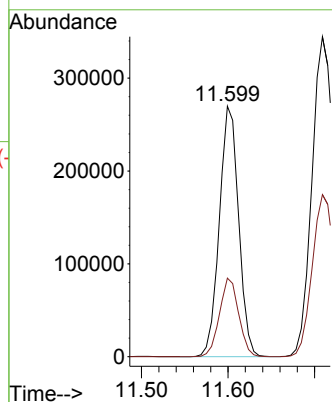
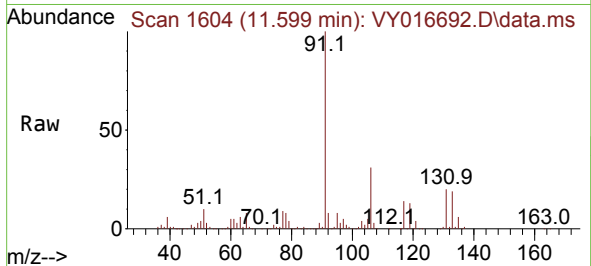




#67
Ethyl Benzene
Concen: 49.776 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

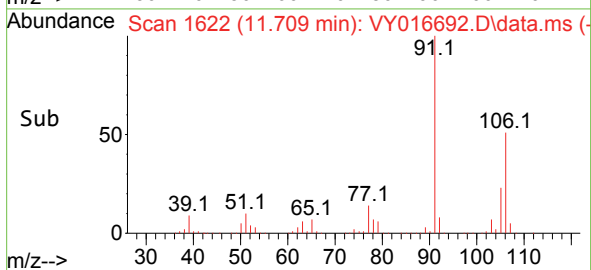
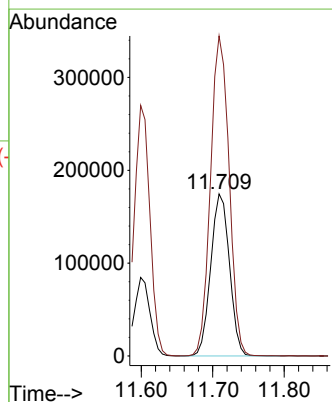
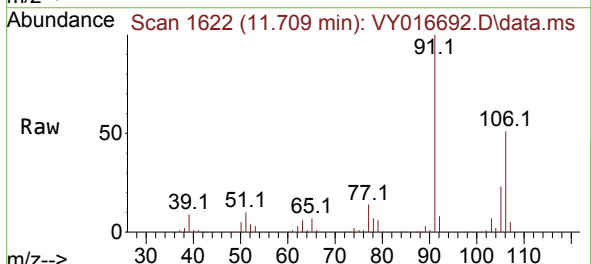
Instrument :
MSVOA_Y
ClientSampleId :

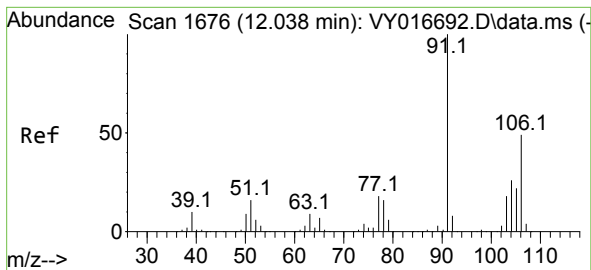
Tgt Ion: 91 Resp: 416807
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1



#68
m/p-Xylenes
Concen: 100.030 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:106 Resp: 317505
Ion Ratio Lower Upper
106 100
91 196.1 156.2 234.2





#69

o-Xylene

Concen: 50.451 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

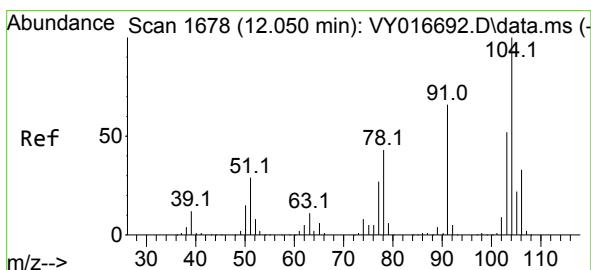
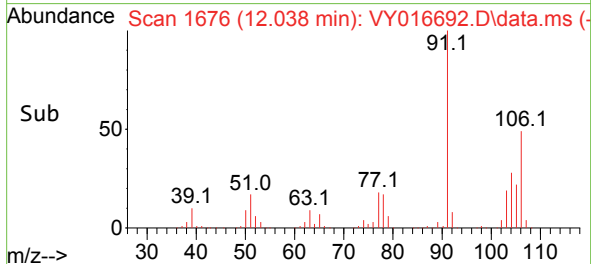
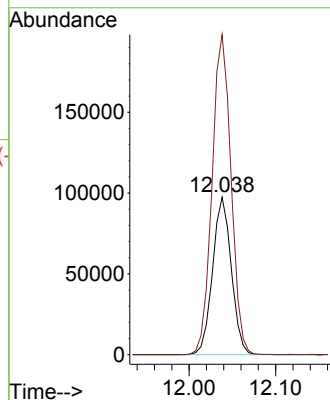
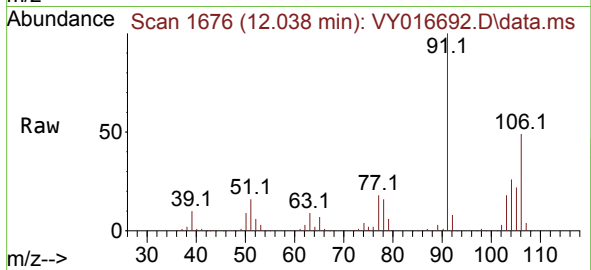
ClientSampleId :

Tgt Ion:106 Resp: 146289

Ion Ratio Lower Upper

106 100

91 206.1 102.8 308.4



#70

Styrene

Concen: 50.807 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

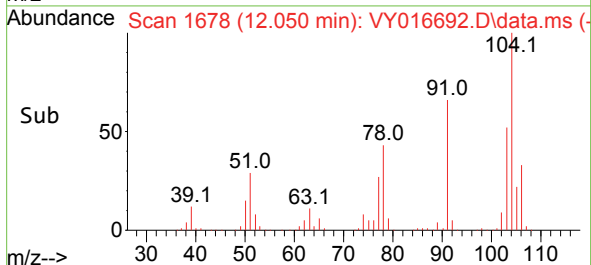
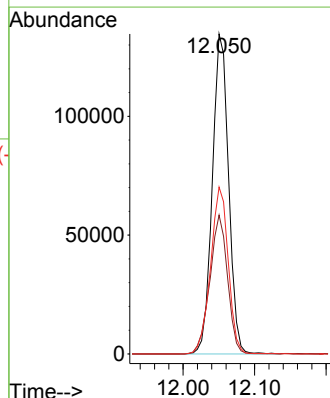
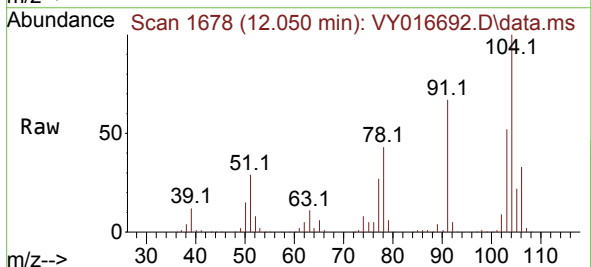
Tgt Ion:104 Resp: 212721

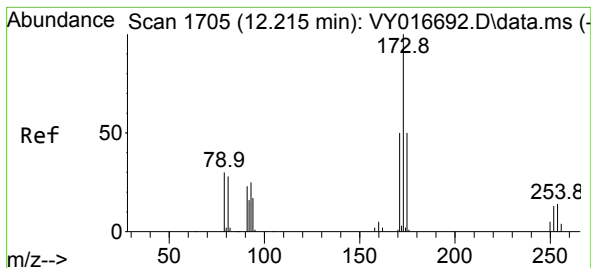
Ion Ratio Lower Upper

104 100

78 47.3 38.2 57.2

103 56.6 44.3 66.5





#71

Bromoform

Concen: 48.052 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016692.D

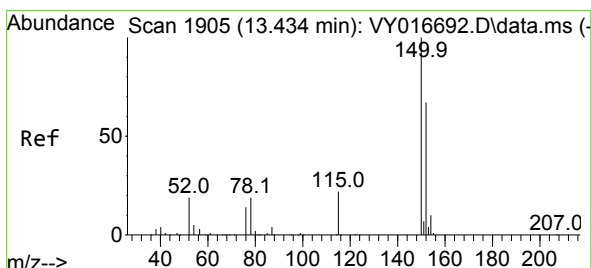
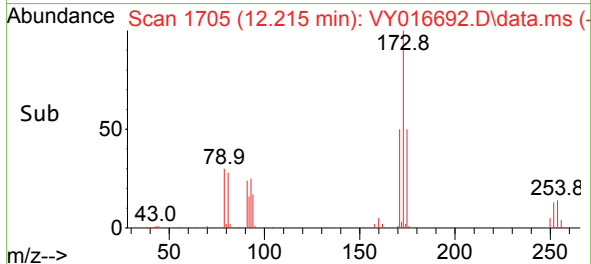
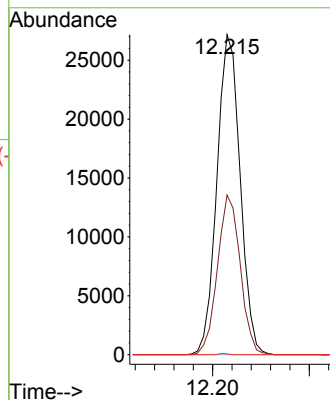
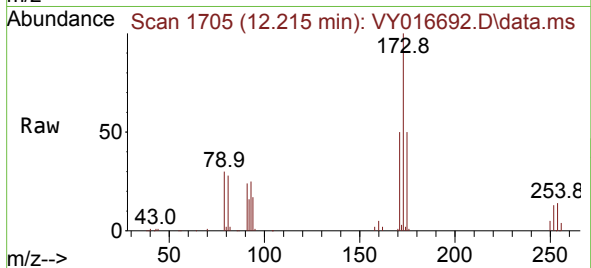
Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	45193
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.2	72.6
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

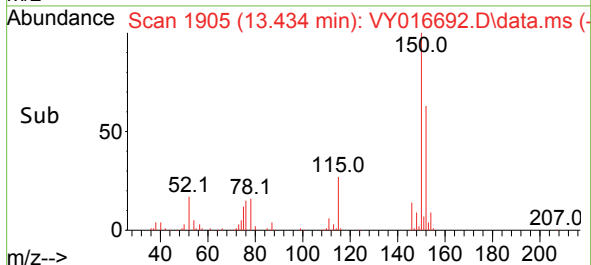
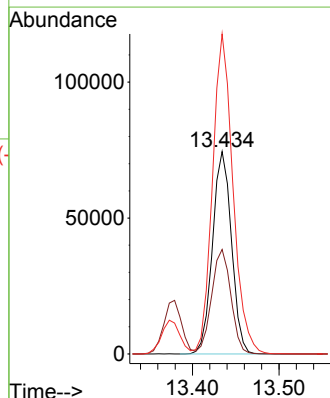
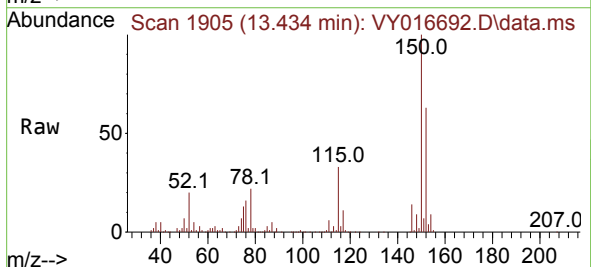
RT: 13.434 min Scan# 1905

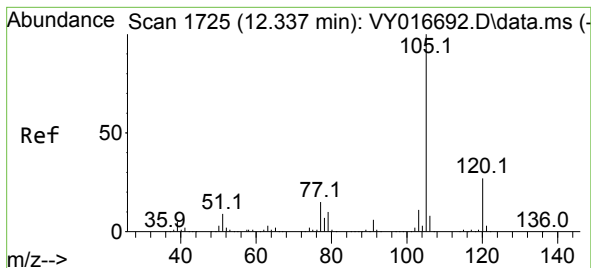
Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Tgt Ion:	152	Resp:	113525
Ion Ratio	Lower	Upper	
152	100		
115	52.3	28.2	84.7
150	170.2	0.0	350.6





#73

Isopropylbenzene

Concen: 49.934 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

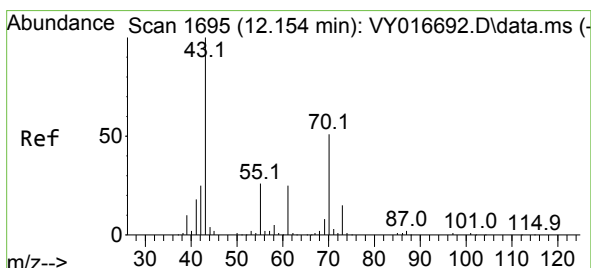
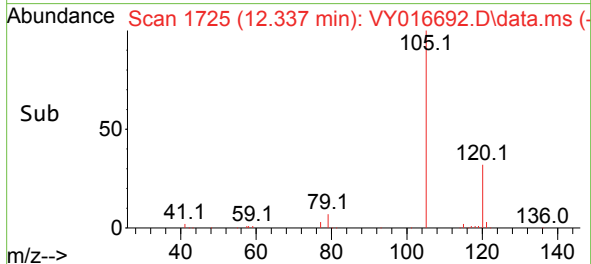
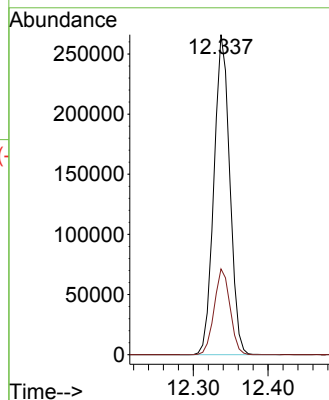
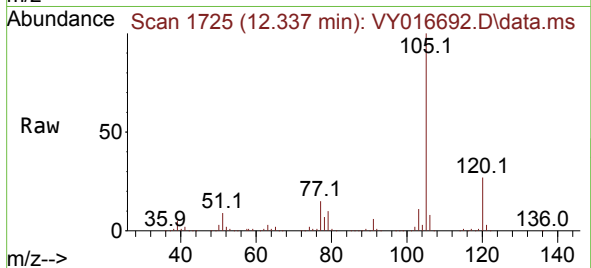
ClientSampleId :

Tgt Ion:105 Resp: 391956

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#74

N-ethyl acetate

Concen: 47.801 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Tgt Ion: 43 Resp: 67893

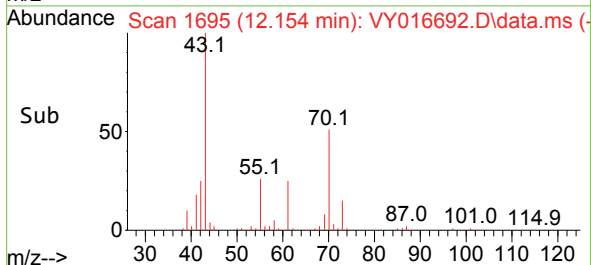
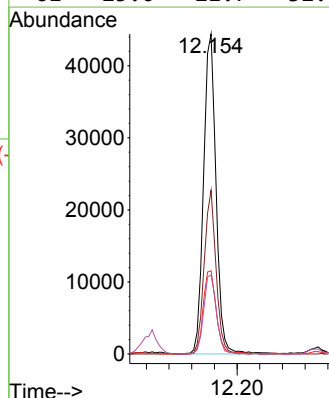
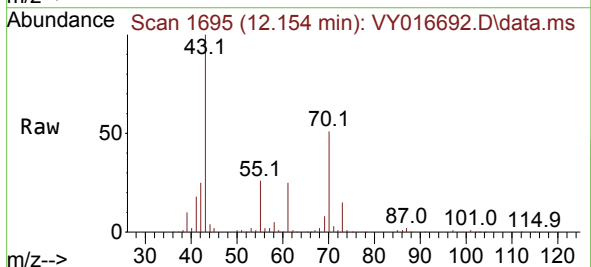
Ion Ratio Lower Upper

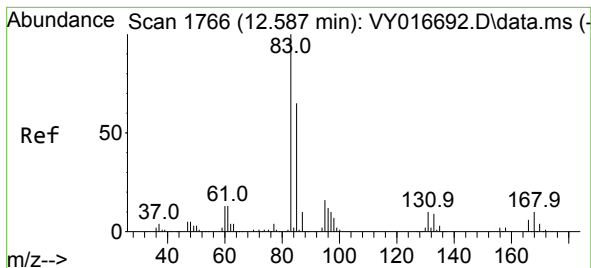
43 100

70 48.5 41.2 61.8

55 27.1 22.2 33.2

61 25.0 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.239 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016692.D

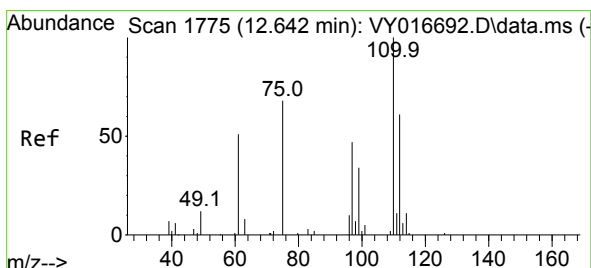
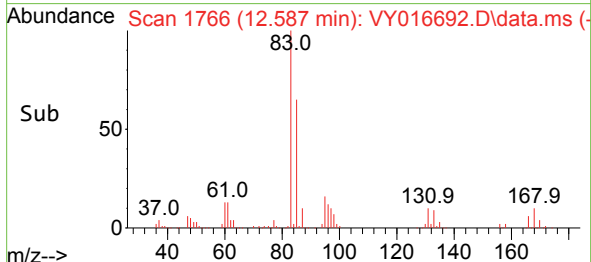
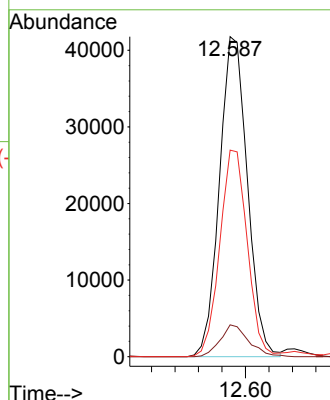
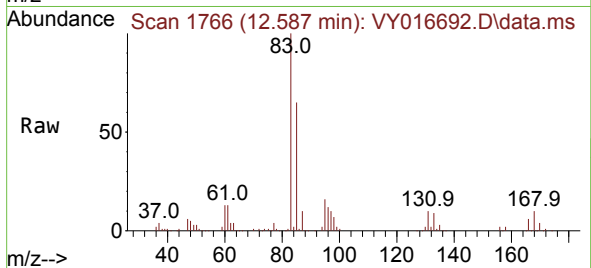
Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	68995
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.5	16.4
85	63.5	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 84.078 ug/l

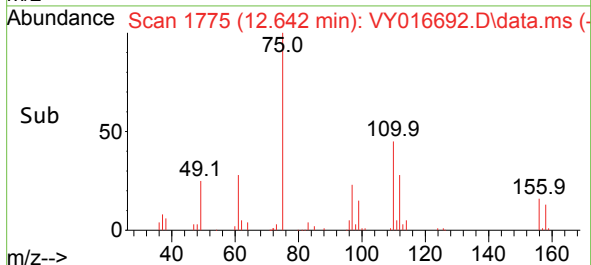
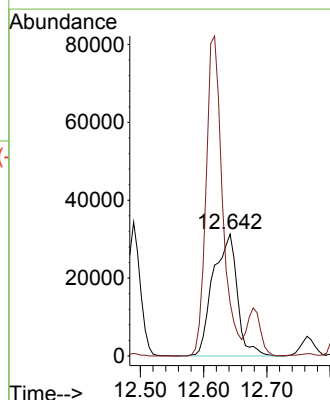
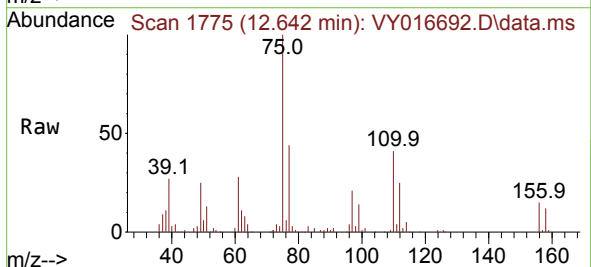
RT: 12.642 min Scan# 1775

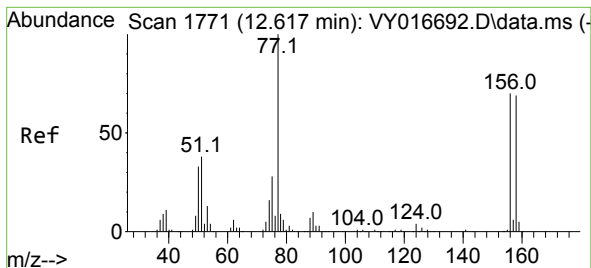
Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Tgt Ion:	75	Resp:	82970
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.974 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

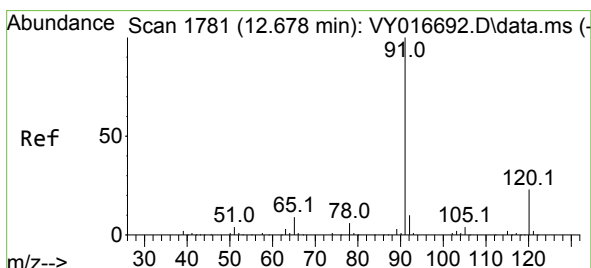
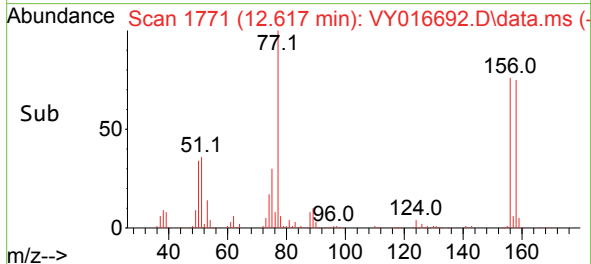
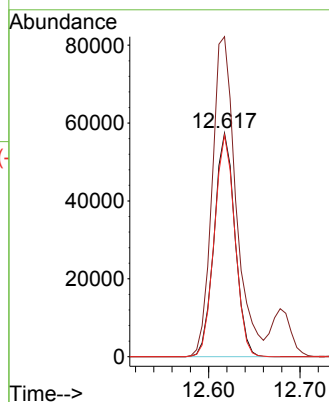
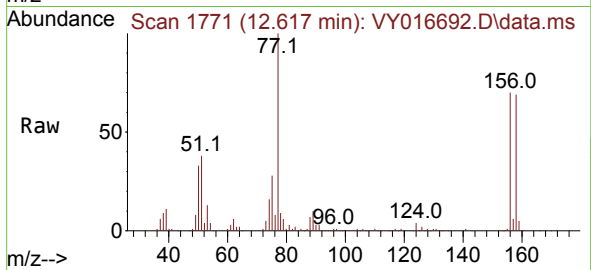
Tgt Ion:156 Resp: 90797

Ion Ratio Lower Upper

156 100

77 163.8 83.5 250.7

158 98.0 49.0 147.0



#78

n-propylbenzene

Concen: 50.127 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016692.D

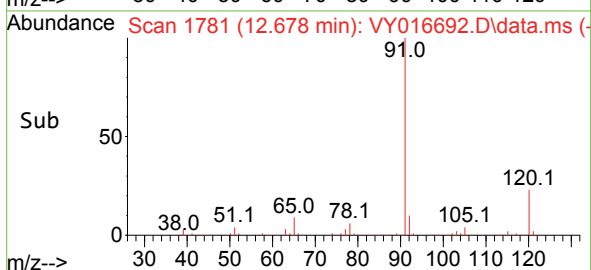
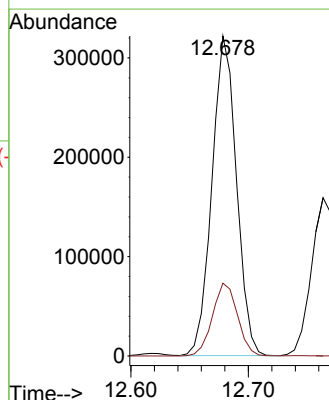
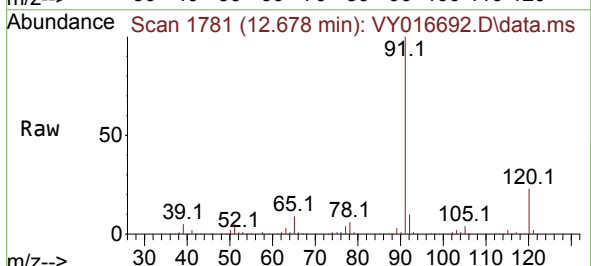
Acq: 19 Dec 2023 12:04

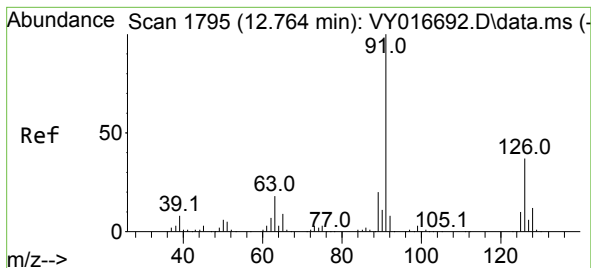
Tgt Ion: 91 Resp: 466469

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 49.197 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

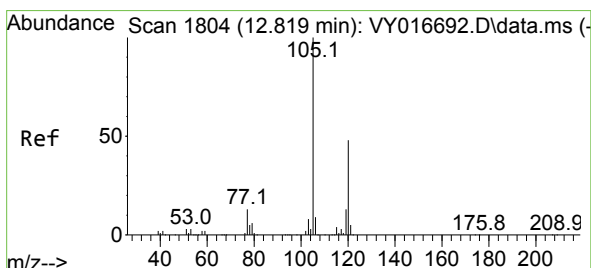
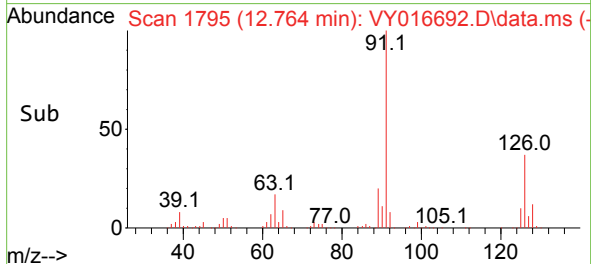
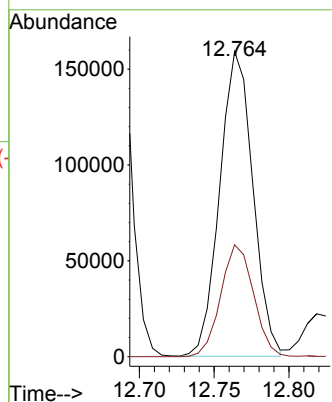
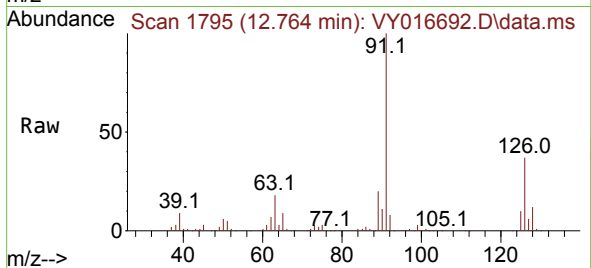
ClientSampleId :

Tgt Ion: 91 Resp: 245231

Ion Ratio Lower Upper

91 100

126 36.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 50.592 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016692.D

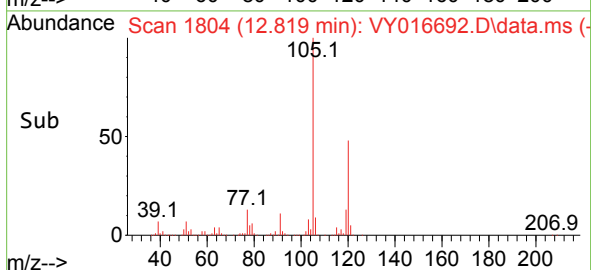
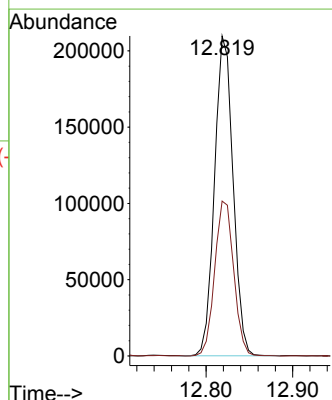
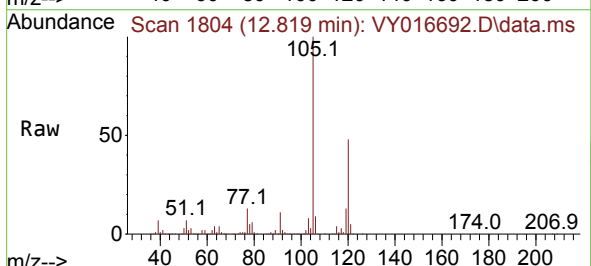
Acq: 19 Dec 2023 12:04

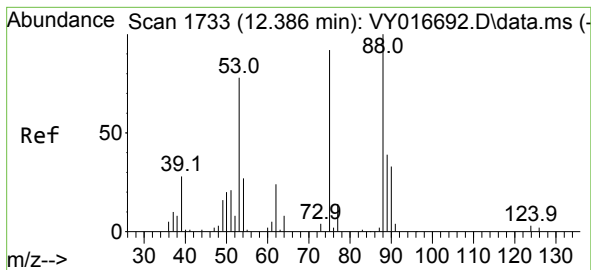
Tgt Ion: 105 Resp: 311187

Ion Ratio Lower Upper

105 100

120 49.8 25.2 75.6

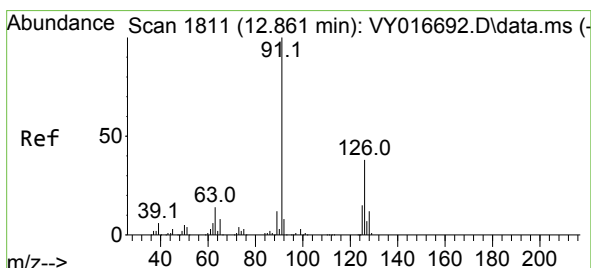
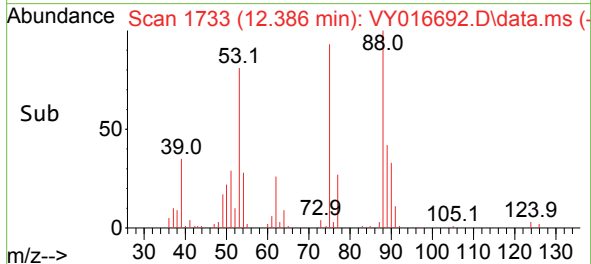
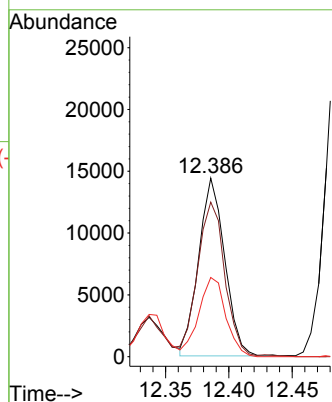
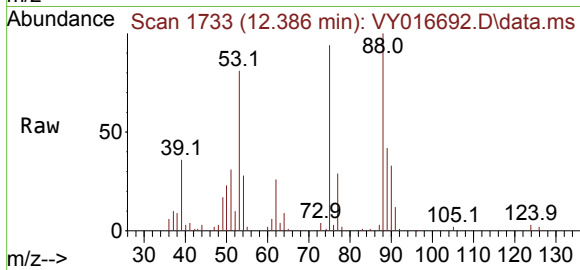




#81
trans-1,4-Dichloro-2-butene
Concen: 48.149 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

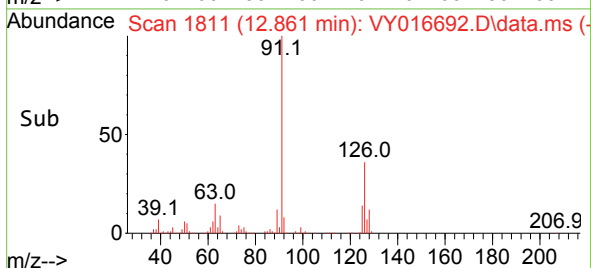
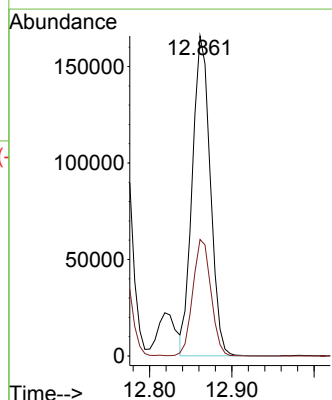
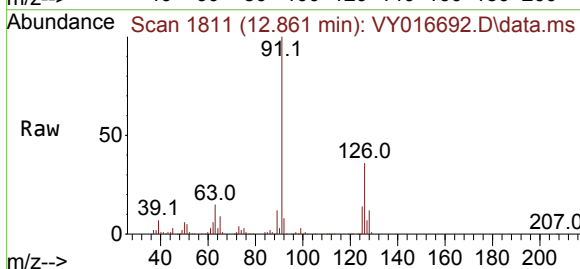
Instrument :
MSVOA_Y
ClientSampleId :

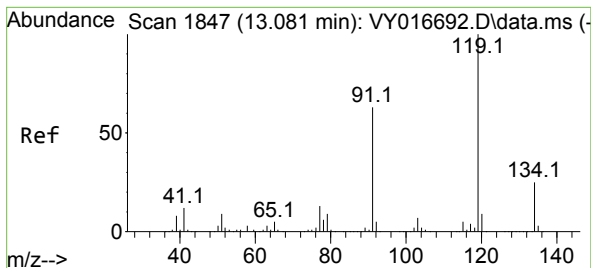
Tgt Ion: 75 Resp: 20709
Ion Ratio Lower Upper
75 100
53 92.7 62.9 94.3
89 46.1 35.8 53.8



#82
4-Chlorotoluene
Concen: 48.766 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion: 91 Resp: 251359
Ion Ratio Lower Upper
91 100
126 37.0 18.0 54.0

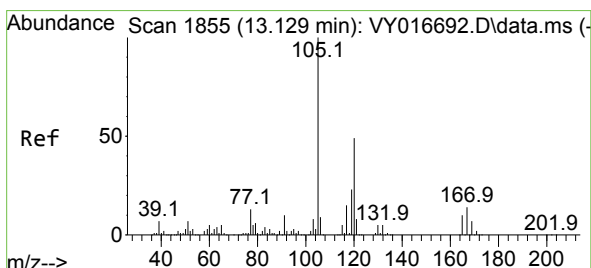
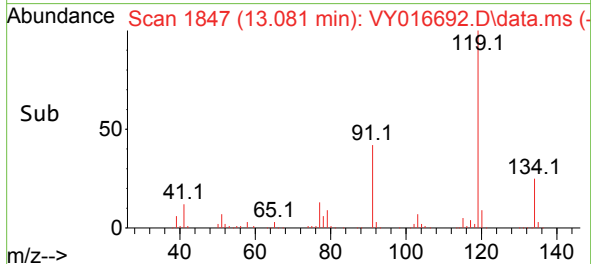
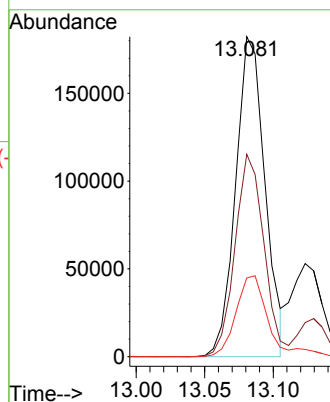
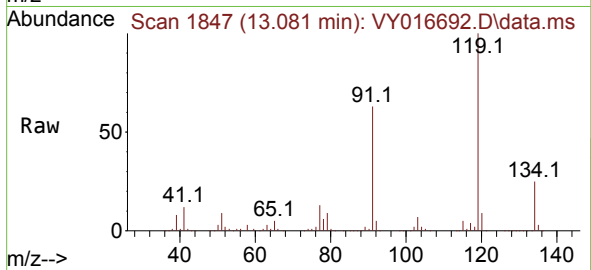




#83
 tert-Butylbenzene
 Concen: 49.070 ug/l
 RT: 13.081 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

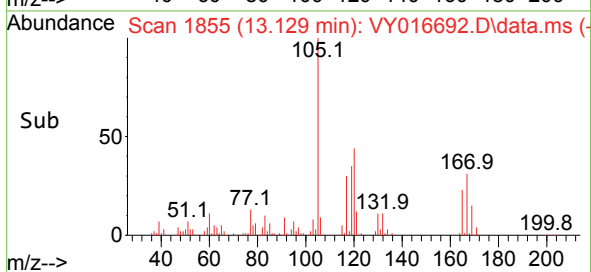
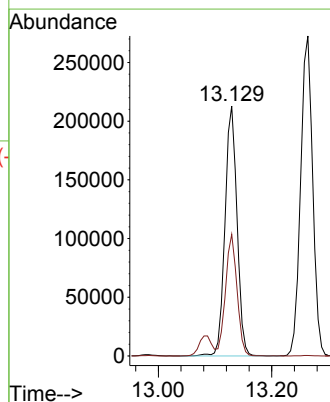
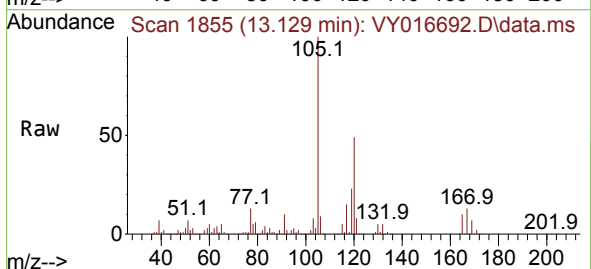
Instrument :
 MSVOA_Y
 ClientSampleId :

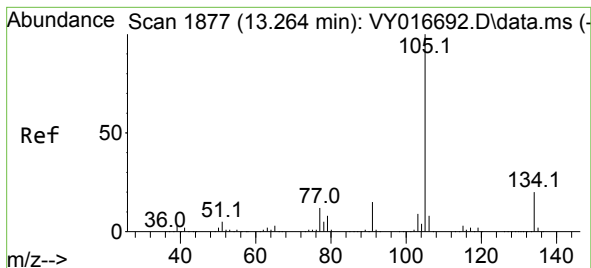
Tgt Ion:119 Resp: 271591
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.8 92.3
 134 28.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.723 ug/l
 RT: 13.129 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Tgt Ion:105 Resp: 312734
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.231 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

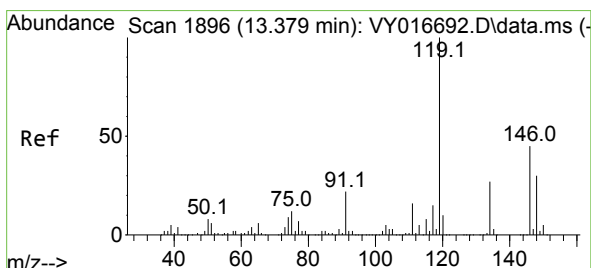
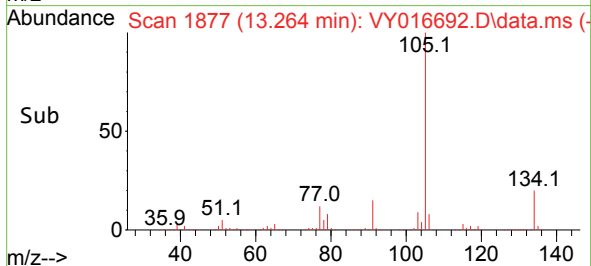
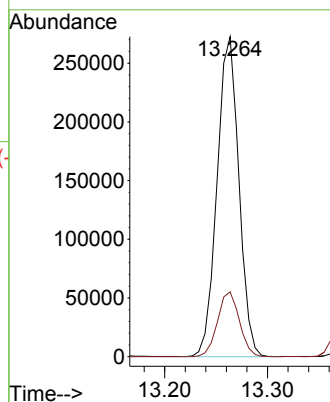
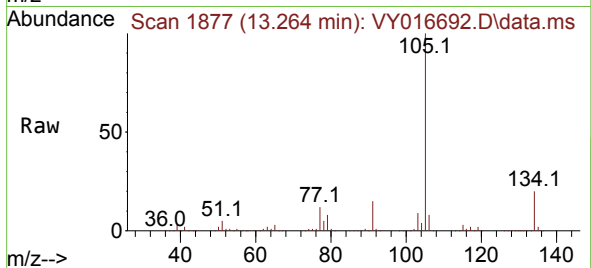
ClientSampleId :

Tgt Ion:105 Resp: 400939

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.203 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

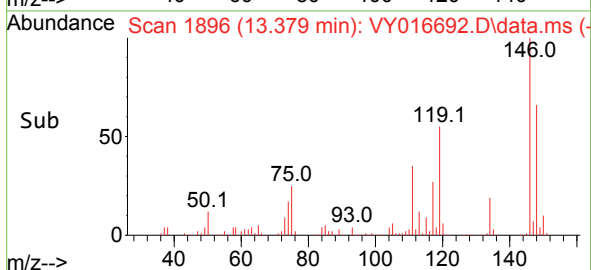
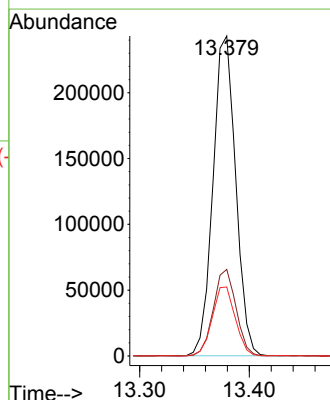
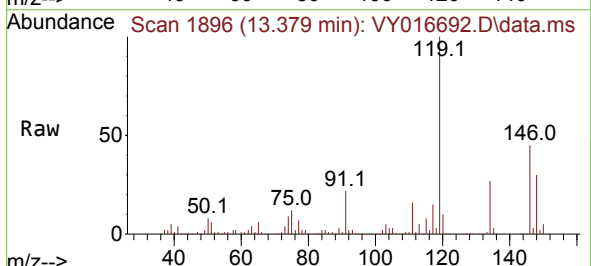
Tgt Ion:119 Resp: 350334

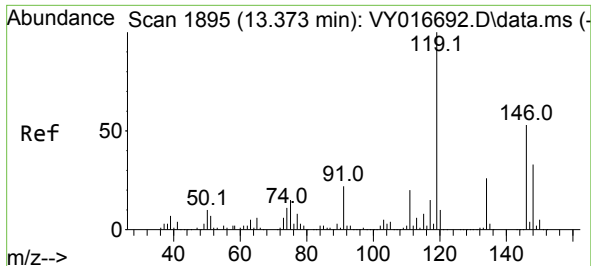
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.0 11.2 33.5

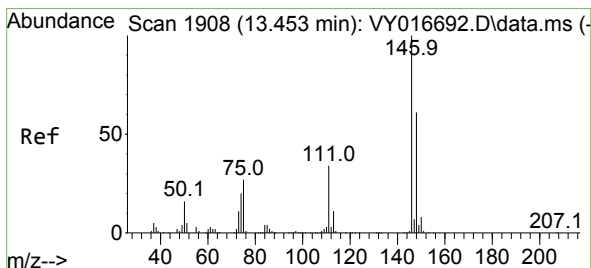
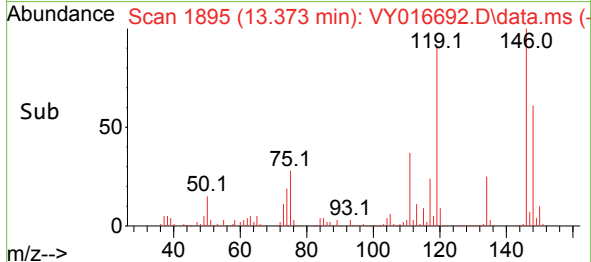
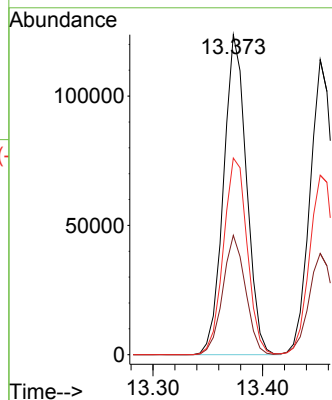
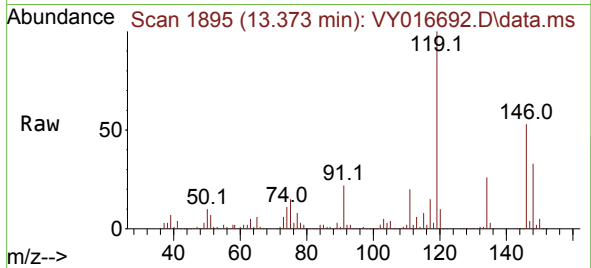




#87
 1,3-Dichlorobenzene
 Concen: 48.113 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

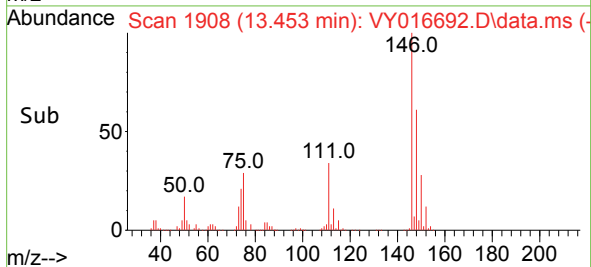
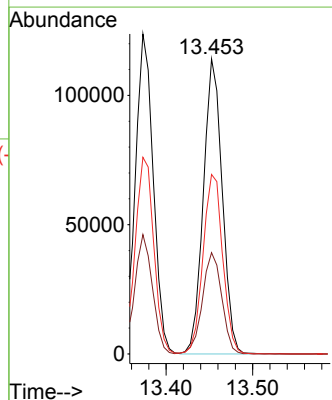
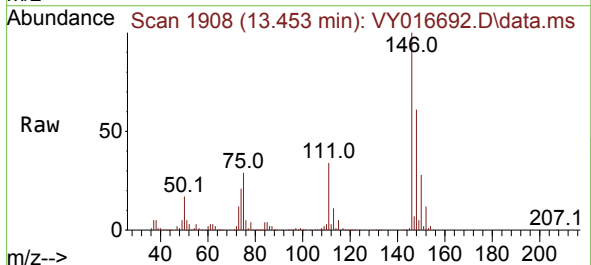
Instrument :
 MSVOA_Y
 ClientSampleId :

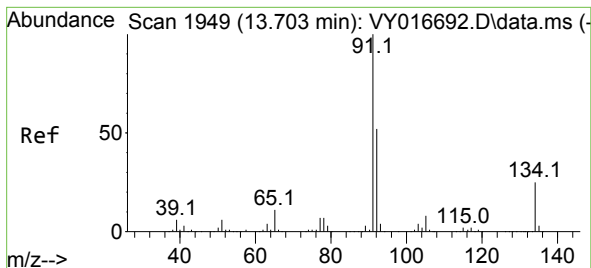
Tgt Ion:146 Resp: 180196
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.1
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.175 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY016692.D
 Acq: 19 Dec 2023 12:04

Tgt Ion:146 Resp: 172853
 Ion Ratio Lower Upper
 146 100
 111 35.1 18.4 55.4
 148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 50.465 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

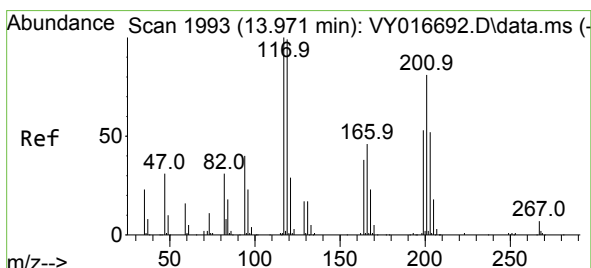
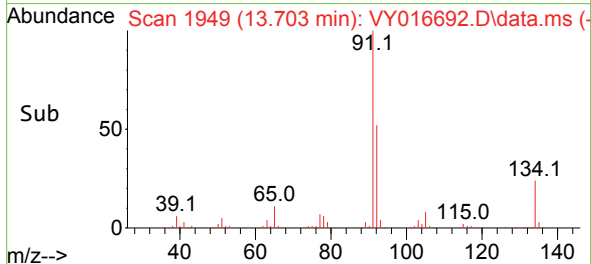
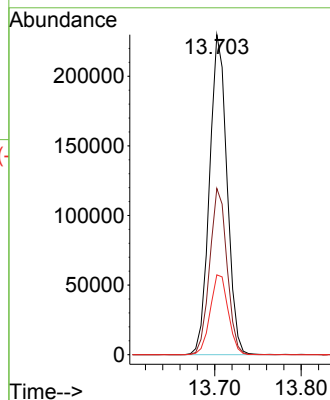
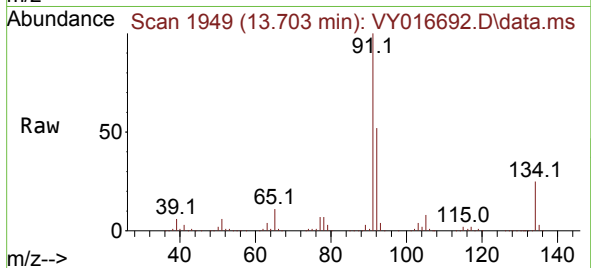
Tgt Ion: 91 Resp: 321920

Ion Ratio Lower Upper

91 100

92 51.4 26.5 79.5

134 25.7 13.7 41.1



#90

Hexachloroethane

Concen: 48.936 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016692.D

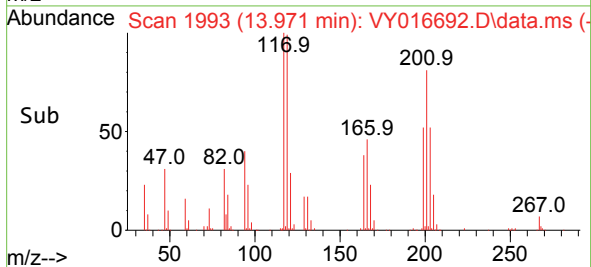
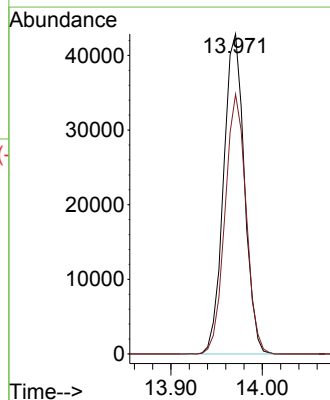
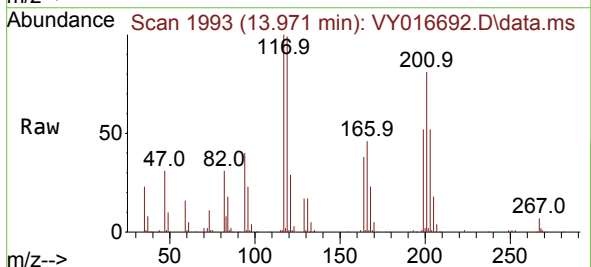
Acq: 19 Dec 2023 12:04

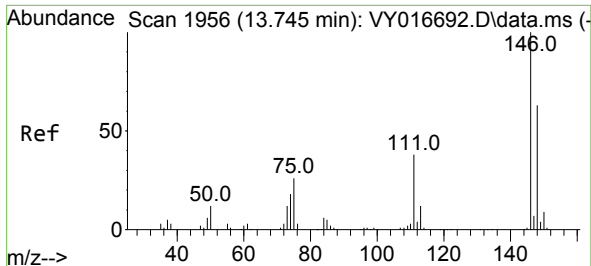
Tgt Ion: 117 Resp: 68057

Ion Ratio Lower Upper

117 100

201 81.8 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 48.503 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

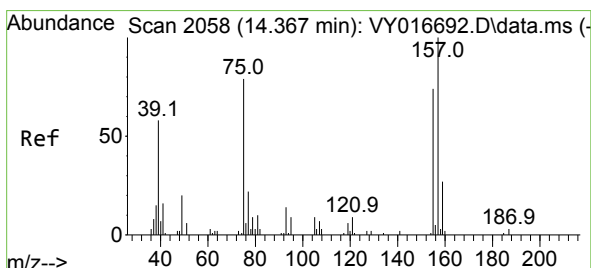
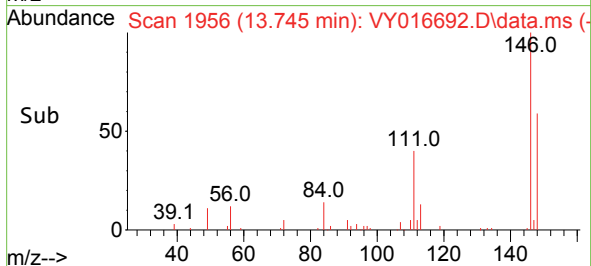
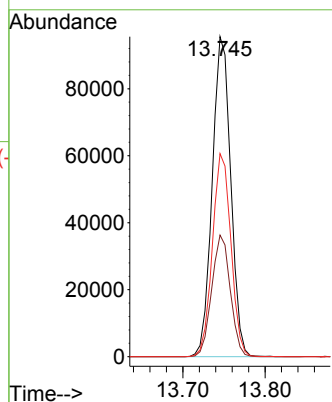
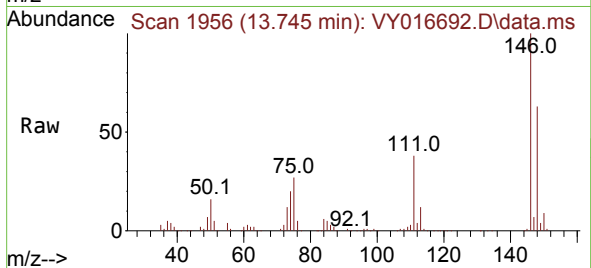
Tgt Ion:146 Resp: 149240

Ion Ratio Lower Upper

146 100

111 38.1 19.5 58.5

148 63.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.853 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

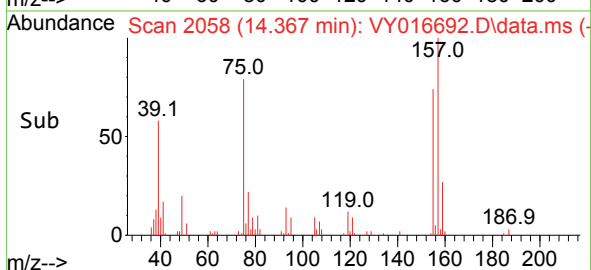
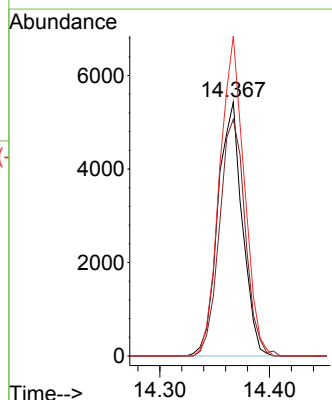
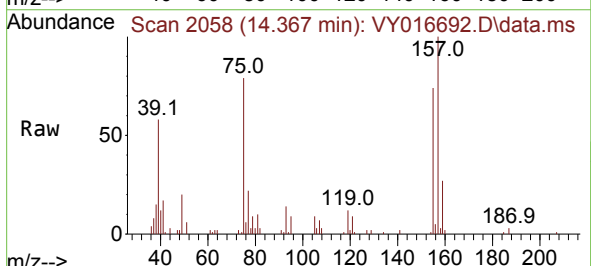
Tgt Ion: 75 Resp: 8398

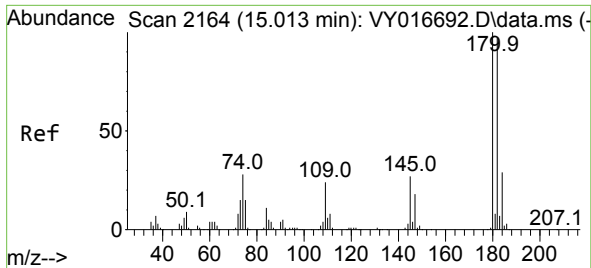
Ion Ratio Lower Upper

75 100

155 97.8 49.4 148.2

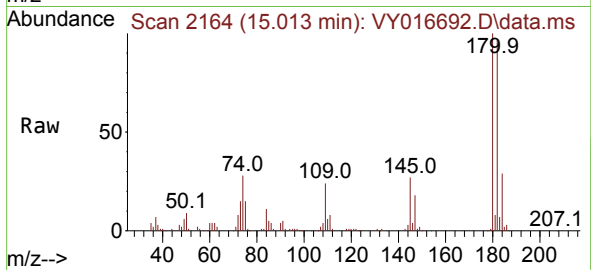
157 126.6 64.4 193.2



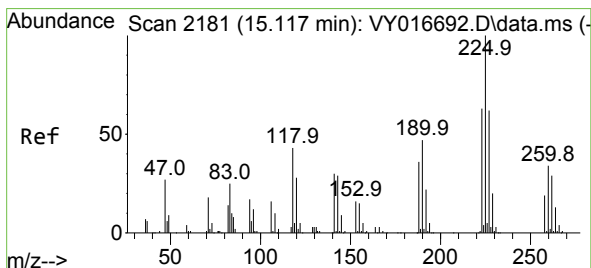
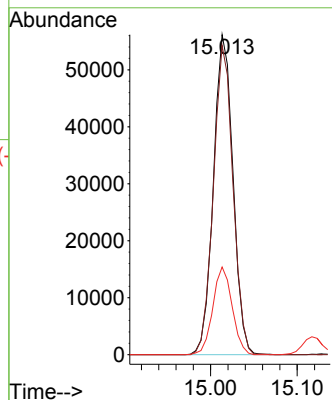
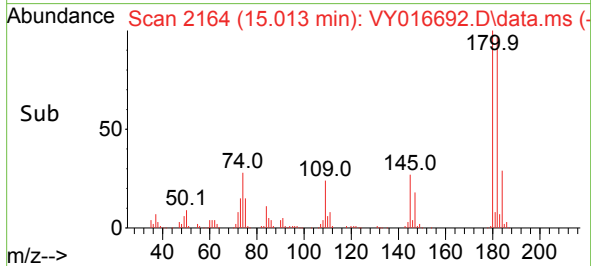


#93
1,2,4-Trichlorobenzene
Concen: 47.893 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Instrument :
MSVOA_Y
ClientSampleId :

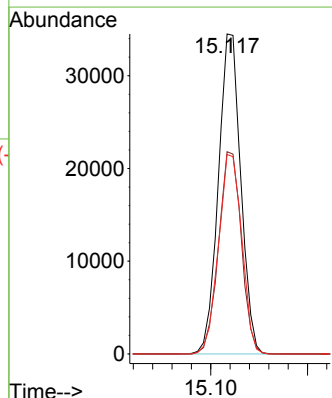
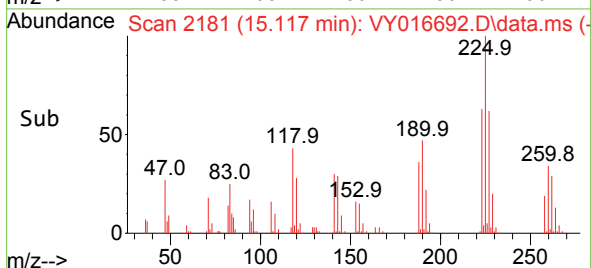
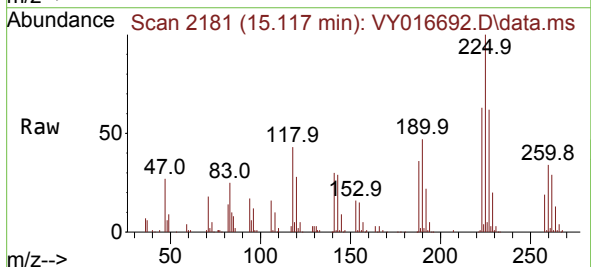


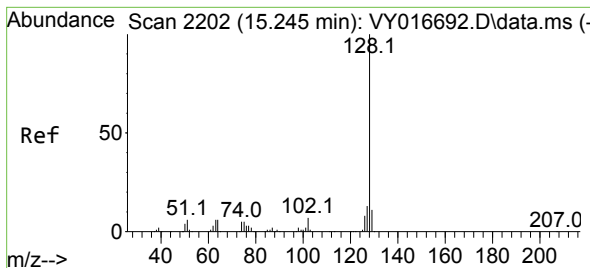
Tgt Ion:180 Resp: 88086
Ion Ratio Lower Upper
180 100
182 96.8 47.6 142.9
145 27.0 14.8 44.4



#94
Hexachlorobutadiene
Concen: 47.698 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY016692.D
Acq: 19 Dec 2023 12:04

Tgt Ion:225 Resp: 55447
Ion Ratio Lower Upper
225 100
223 64.1 31.4 94.2
227 64.7 31.9 95.9





#95

Naphthalene

Concen: 48.410 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

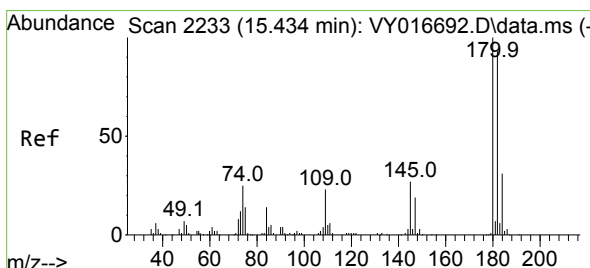
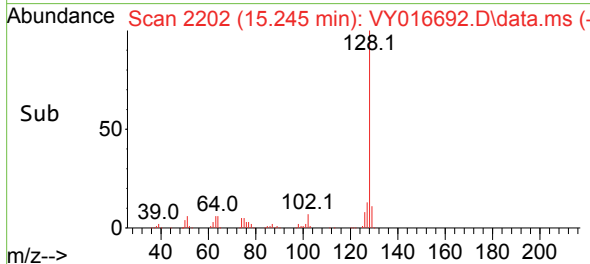
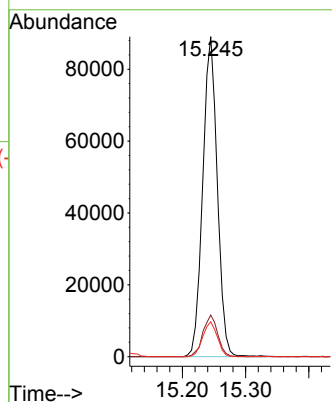
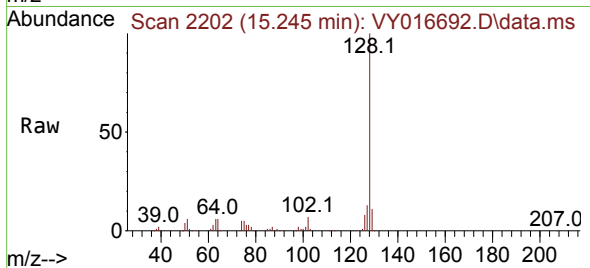
Tgt Ion:128 Resp: 142526

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.327 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016692.D

Acq: 19 Dec 2023 12:04

Tgt Ion:180 Resp: 73623

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 28.5 15.5 46.5

