

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015997.D
 Acq On : 17 Oct 2023 11:43
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	312120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88080	39.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.600%
35) Dibromofluoromethane	7.716	113	78356	39.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.760%
50) Toluene-d8	10.179	98	332734	45.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.440%
62) 4-Bromofluorobenzene	12.483	95	113248	43.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30922	18.818	ug/l	96
3) Chloromethane	2.113	50	47453	15.467	ug/l	98
4) Vinyl Chloride	2.247	62	43205	20.554	ug/l	100
5) Bromomethane	2.656	94	26345	22.158	ug/l	94
6) Chloroethane	2.802	64	24077	17.724	ug/l	97
7) Trichlorofluoromethane	3.125	101	80098	22.466	ug/l	98
8) Diethyl Ether	3.534	74	24269	18.213	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	44272	21.838	ug/l	95
10) Methyl Iodide	4.082	142	45156	19.370	ug/l	98
11) Tert butyl alcohol	4.924	59	105869	81.417	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	40309	21.106	ug/l	97
13) Acrolein	3.747	56	32692	77.232	ug/l	90
14) Allyl chloride	4.473	41	62220	20.161	ug/l	92
15) Acrylonitrile	5.186	53	82569	70.339	ug/l	94
16) Acetone	3.991	43	48838	37.512	ug/l	96
17) Carbon Disulfide	4.186	76	120684	20.674	ug/l	100
18) Methyl Acetate	4.503	43	73850	16.353	ug/l	92
19) Methyl tert-butyl Ether	5.235	73	104889	16.383	ug/l	94
20) Methylene Chloride	4.710	84	48097	16.573	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	43255	19.377	ug/l	96
22) Diisopropyl ether	6.131	45	118956	18.562	ug/l	95
23) Vinyl Acetate	6.070	43	304821	72.301	ug/l	95
24) 1,1-Dichloroethane	6.015	63	73678	19.323	ug/l	98
25) 2-Butanone	7.021	43	85090	44.906	ug/l	95
26) 2,2-Dichloropropane	6.978	77	50958	16.094	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	46173	18.395	ug/l	91
28) Bromochloromethane	7.338	49	31217	18.346	ug/l	95
29) Tetrahydrofuran	7.374	42	114272	87.978	ug/l	98
30) Chloroform	7.509	83	75723	19.134	ug/l	95
31) Cyclohexane	7.783	56	69834	19.573	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	69510	19.748	ug/l	96
36) 1,1-Dichloropropene	7.917	75	61852	20.862	ug/l	99
37) Ethyl Acetate	7.088	43	77463	16.933	ug/l #	91
38) Carbon Tetrachloride	7.899	117	64304	20.594	ug/l	96
39) Methylcyclohexane	9.185	83	75202	19.770	ug/l	94
40) Benzene	8.161	78	170666	19.895	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21051	13.956	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	49771	18.082	ug/l	92
43) Isopropyl Acetate	8.283	43	80579	16.396	ug/l #	90
44) Trichloroethene	8.941	130	61705	23.341	ug/l	98
45) 1,2-Dichloropropane	9.222	63	42481	19.407	ug/l	99
46) Dibromomethane	9.307	93	27255	17.714	ug/l	97
47) Bromodichloromethane	9.496	83	59216	19.059	ug/l	100
48) Methyl methacrylate	9.301	41	33803	15.571	ug/l #	80
49) 1,4-Dioxane	9.386	88	6039	140.738	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	327021	90.290	ug/l	95
52) Toluene	10.246	92	111914	20.405	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	61141	17.550	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	66794	17.836	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	39378	17.976	ug/l	93
56) Ethyl methacrylate	10.514	69	58112	16.945	ug/l	87
57) 1,3-Dichloropropane	10.795	76	69142	18.605	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	163151	108.414	ug/l	98
59) 2-Hexanone	10.837	43	260761	84.342	ug/l	87
60) Dibromochloromethane	10.984	129	46922	18.835	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43401	18.310	ug/l	99
64) Tetrachloroethene	10.721	164	62981	25.707	ug/l	98
65) Chlorobenzene	11.520	112	119321	20.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	43752	20.071	ug/l	98
67) Ethyl Benzene	11.593	91	212770	20.664	ug/l	99
68) m/p-Xylenes	11.703	106	165001	41.523	ug/l	96
69) o-Xylene	12.032	106	77808	20.481	ug/l	95
70) Styrene	12.044	104	131682	20.367	ug/l	96
71) Bromoform	12.209	173	34190	18.418	ug/l #	100
73) Isopropylbenzene	12.331	105	209148	20.320	ug/l	99
74) N-amyl acetate	12.148	43	69707	16.764	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	41851	13.238	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	80288	28.217	ug/l #	100
77) Bromobenzene	12.611	156	51023	19.747	ug/l	94
78) n-propylbenzene	12.672	91	259631	20.744	ug/l	99
79) 2-Chlorotoluene	12.758	91	142436	20.120	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	175383	20.510	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19729	16.334	ug/l	92
82) 4-Chlorotoluene	12.855	91	148940	20.471	ug/l	99
83) tert-Butylbenzene	13.075	119	150613	20.045	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	174462	20.325	ug/l	98
85) sec-Butylbenzene	13.258	105	234520	21.031	ug/l	100
86) p-Isopropyltoluene	13.373	119	192672	20.676	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	100085	20.170	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	100621	20.081	ug/l	98
89) n-Butylbenzene	13.696	91	181049	20.661	ug/l	97
90) Hexachloroethane	13.965	117	35789	20.038	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	91746	19.707	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14322	15.837	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	53817	17.587	ug/l	99
94) Hexachlorobutadiene	15.117	225	29739	19.141	ug/l	98
95) Naphthalene	15.239	128	157623	15.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50212	17.116	ug/l	99

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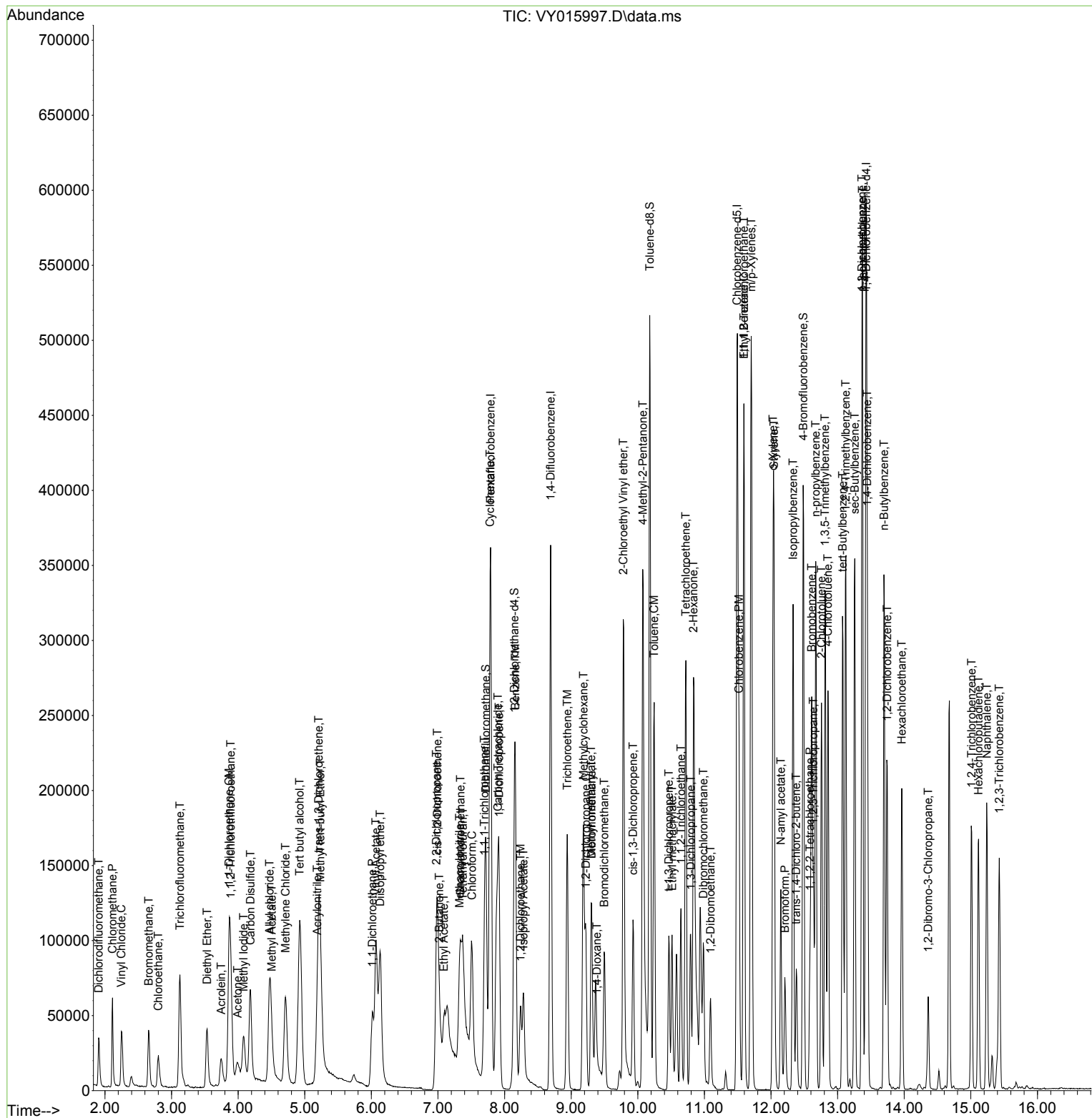
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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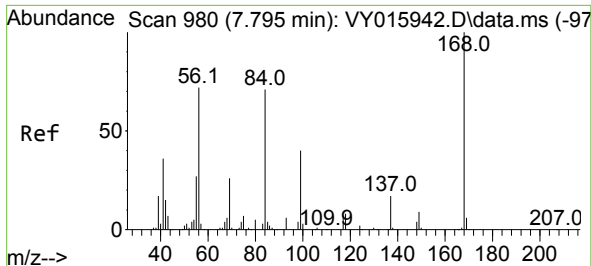
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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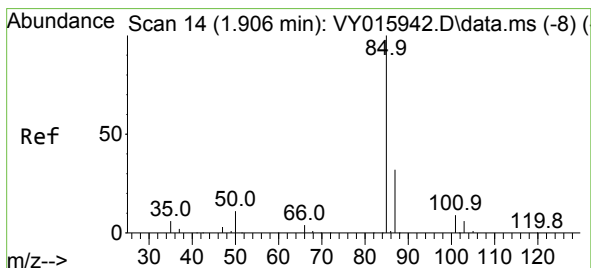
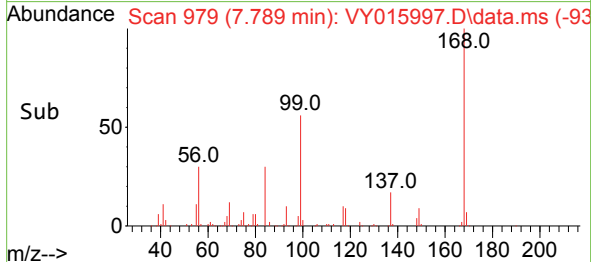
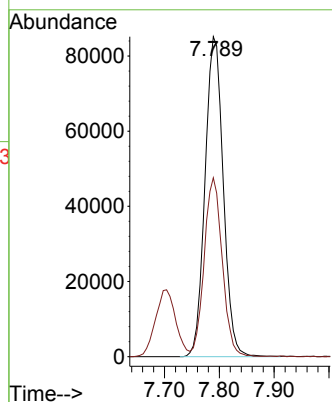
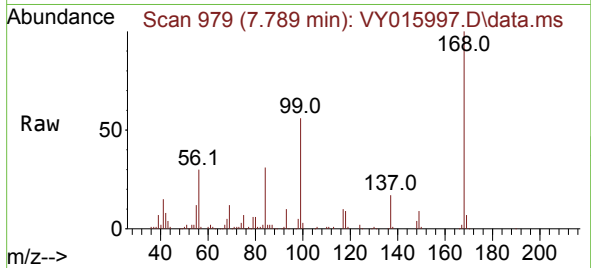




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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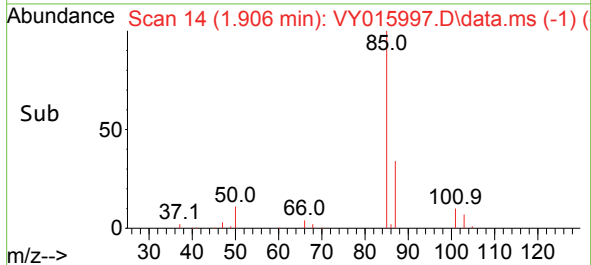
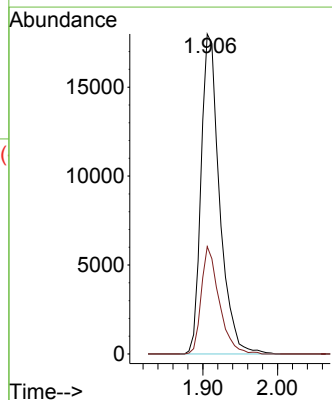
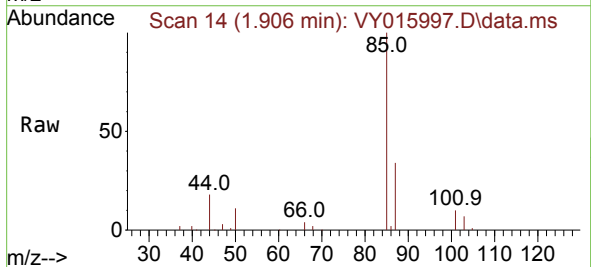
Instrument :
MSVOA_Y
ClientSampleId :

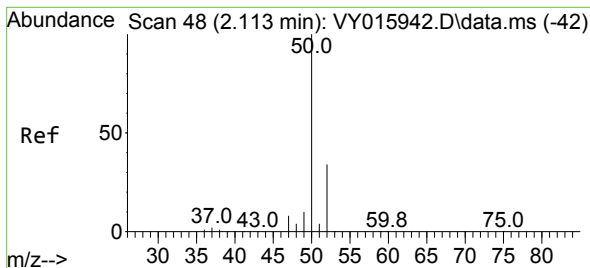
Tgt Ion:168 Resp: 196381
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.818 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 85 Resp: 30922
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3

Chloromethane

Concen: 15.467 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

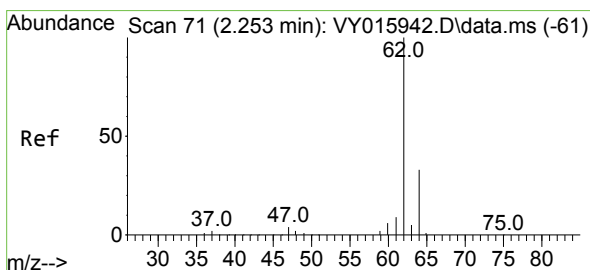
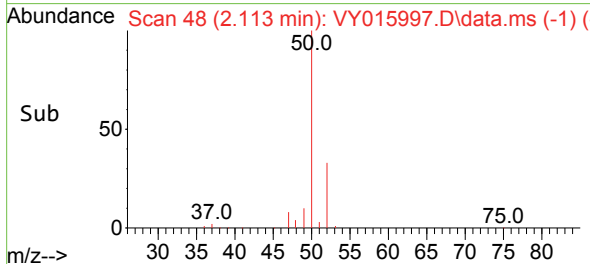
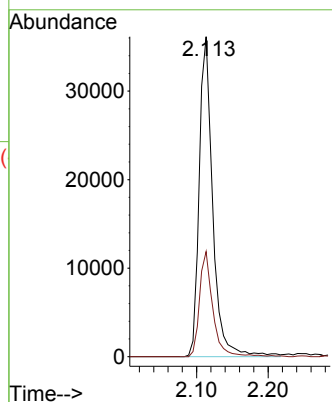
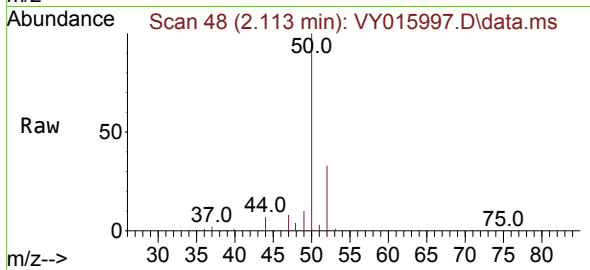
ClientSampleId :

Tgt Ion: 50 Resp: 47453

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 20.554 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY015997.D

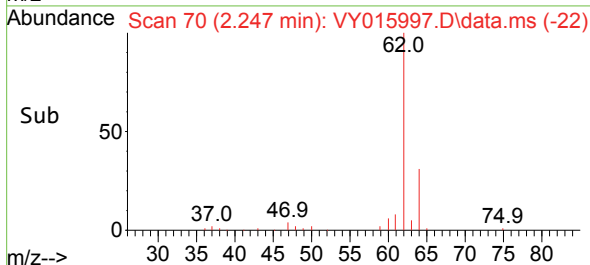
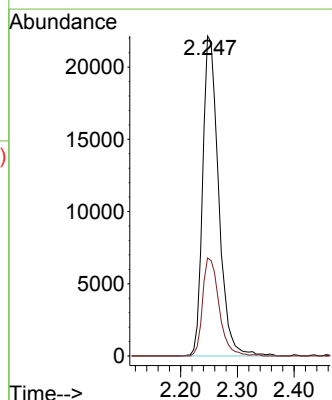
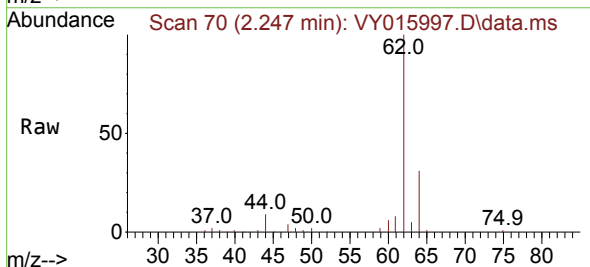
Acq: 17 Oct 2023 11:43

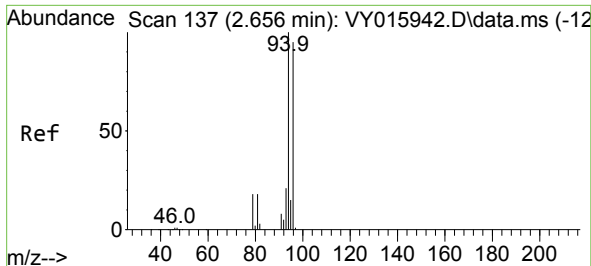
Tgt Ion: 62 Resp: 43205

Ion Ratio Lower Upper

62 100

64 30.7 24.3 36.5





#5

Bromomethane

Concen: 22.158 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

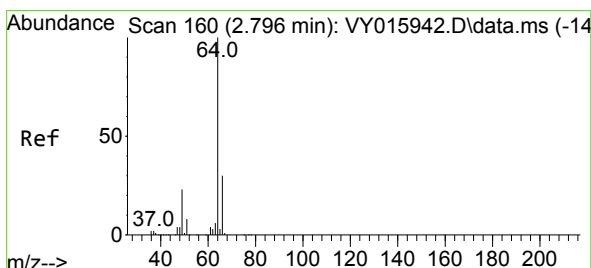
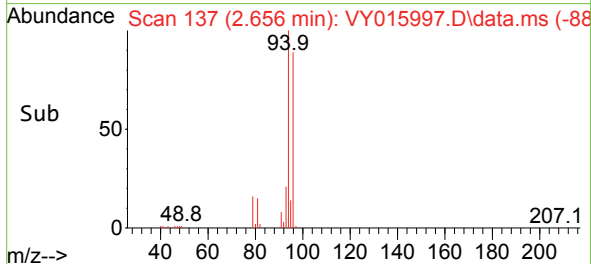
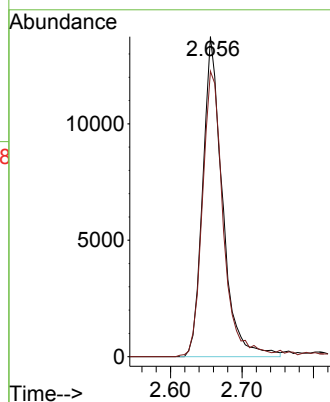
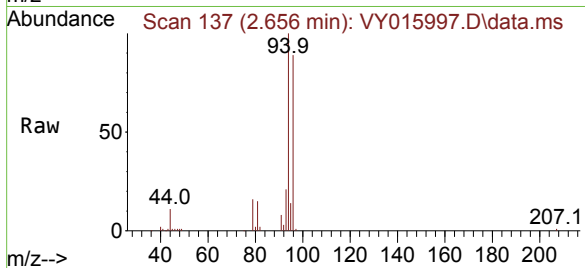
ClientSampleId :

Tgt Ion: 94 Resp: 26345

Ion Ratio Lower Upper

94 100

96 88.8 75.8 113.6



#6

Chloroethane

Concen: 17.724 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.006 min

Lab File: VY015997.D

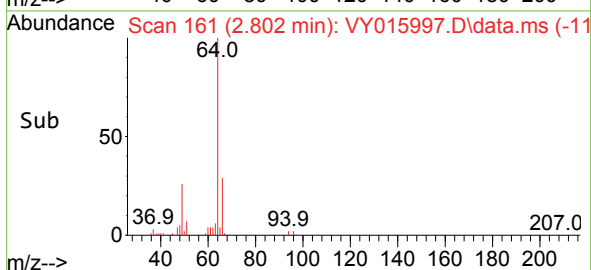
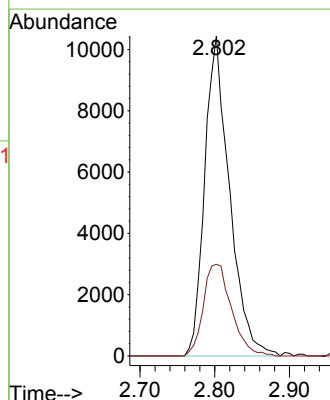
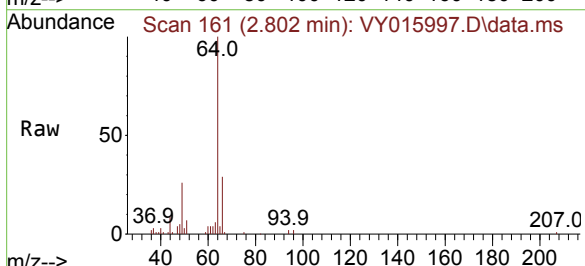
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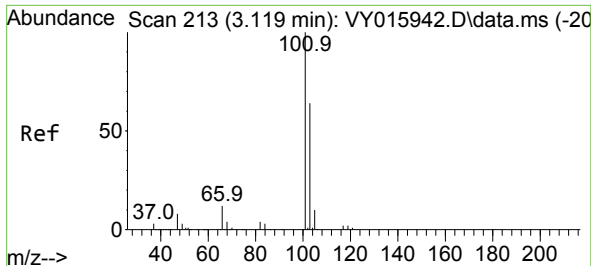
Tgt Ion: 64 Resp: 24077

Ion Ratio Lower Upper

64 100

66 28.6 24.4 36.6

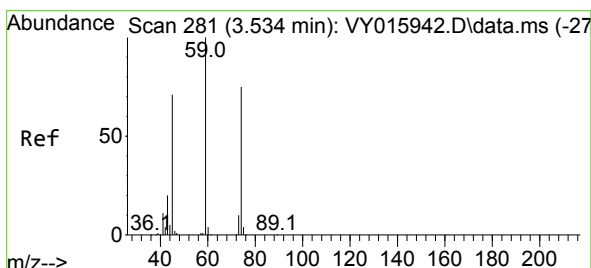
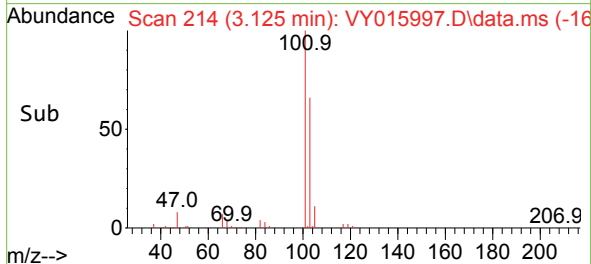
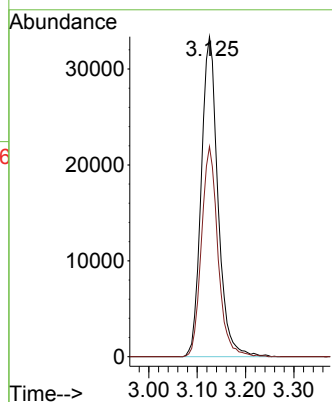
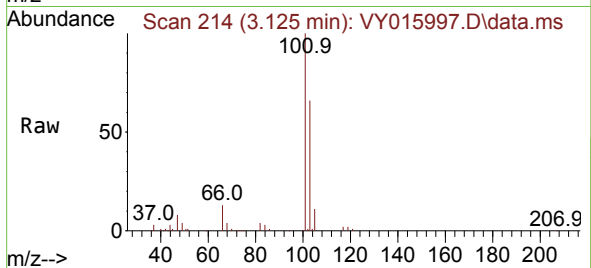




#7
Trichlorofluoromethane
Concen: 22.466 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

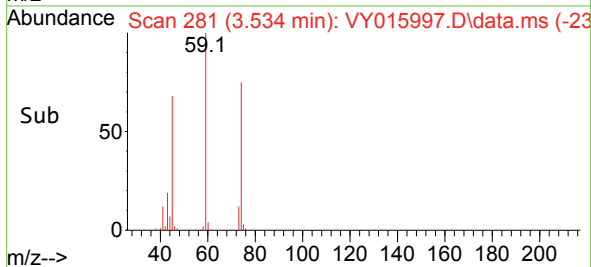
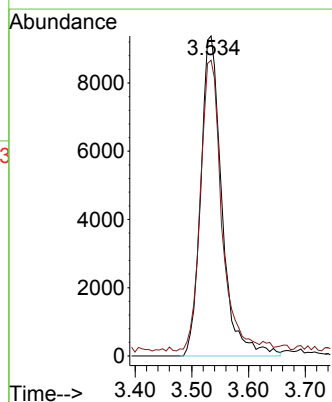
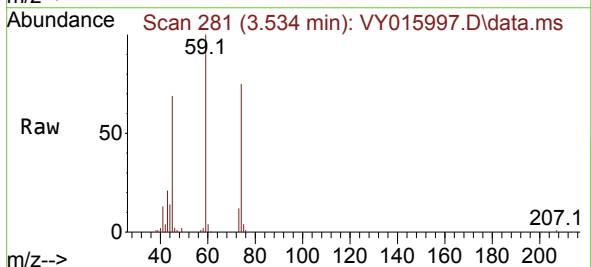
Instrument :
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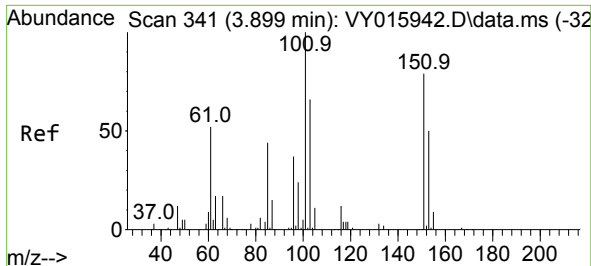
Tgt Ion:101 Resp: 80098
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 18.213 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY015997.D
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Tgt Ion: 74 Resp: 24269
Ion Ratio Lower Upper
74 100
45 91.1 51.5 154.5

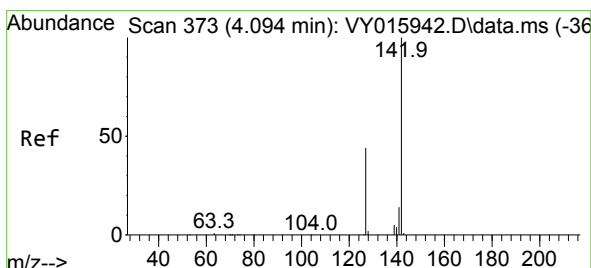
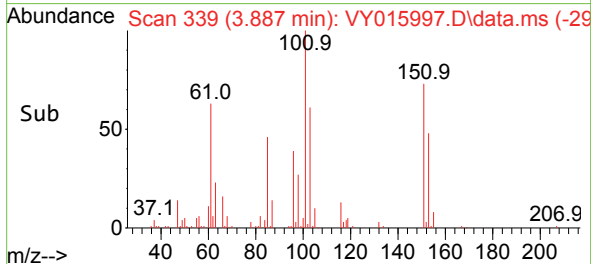
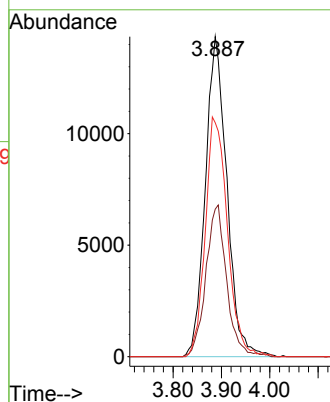
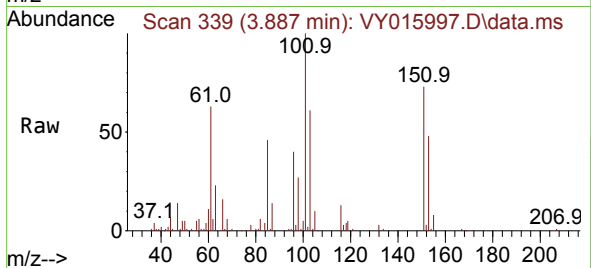




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.838 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

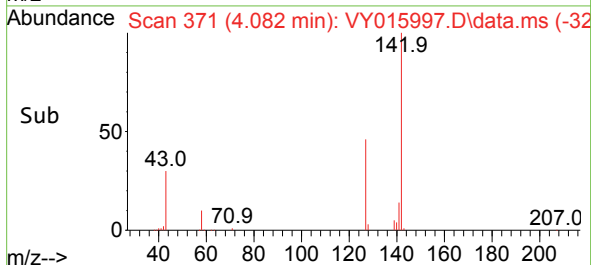
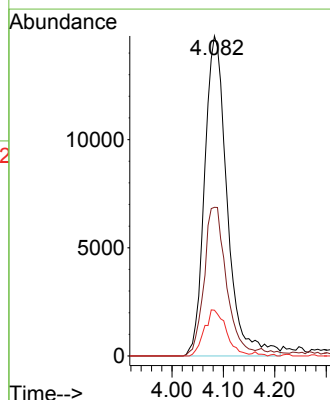
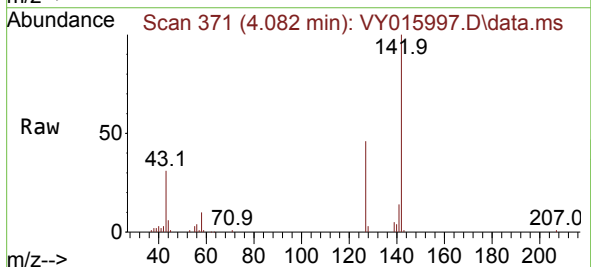
Instrument :
MSVOA_Y
ClientSampleId :

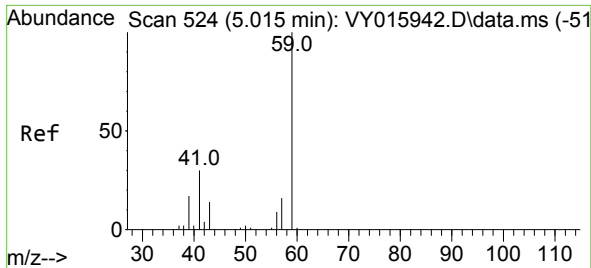
Tgt Ion:101 Resp: 44272
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.2 67.0 100.6



#10
Methyl Iodide
Concen: 19.370 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion:142 Resp: 45156
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.0 11.8 17.8

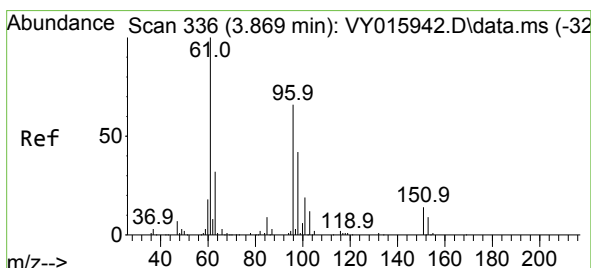
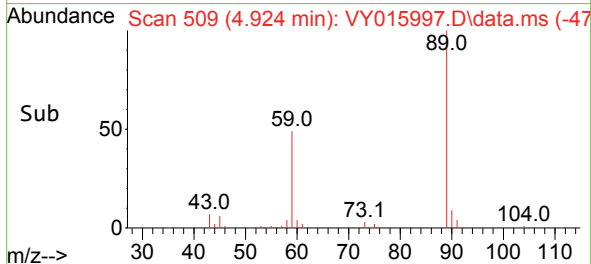
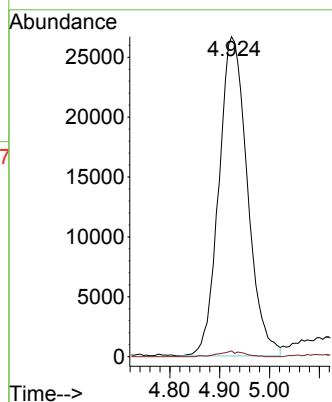
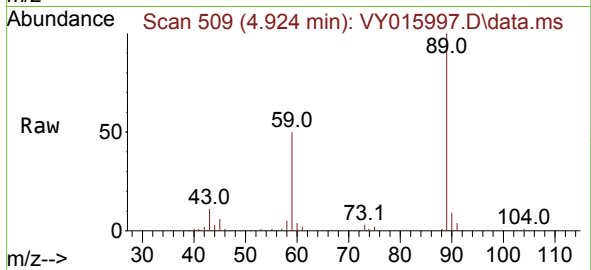




#11
Tert butyl alcohol
Concen: 81.417 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.091 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

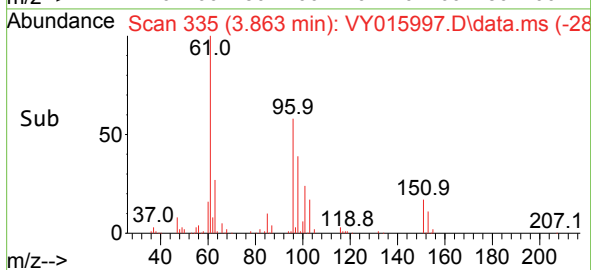
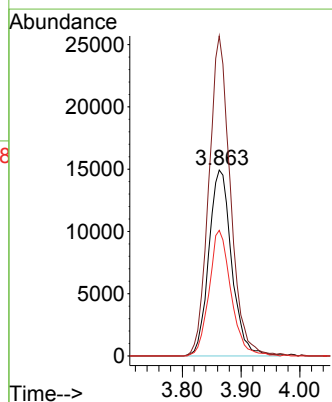
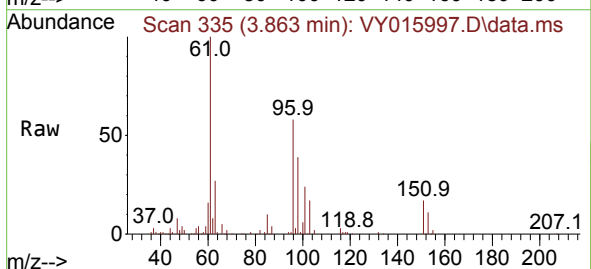
Instrument :
MSVOA_Y
ClientSampleId :

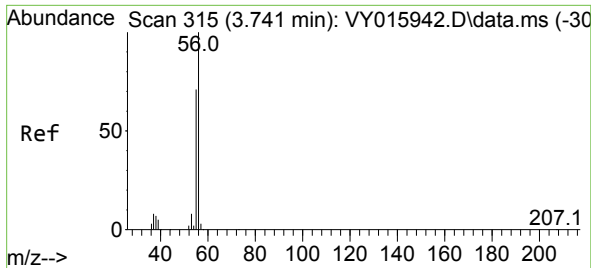
Tgt Ion: 59 Resp: 105869
Ion Ratio Lower Upper
59 100
57 1.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.106 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 96 Resp: 40309
Ion Ratio Lower Upper
96 100
61 172.2 136.4 204.6
98 67.5 49.4 74.2

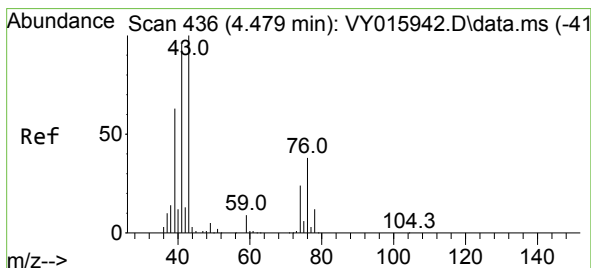
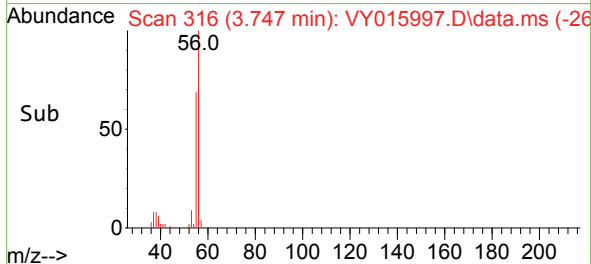
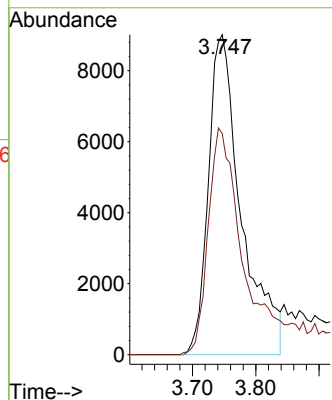
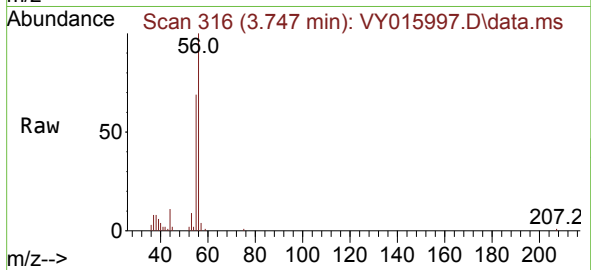




#13
Acrolein
Concen: 77.232 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

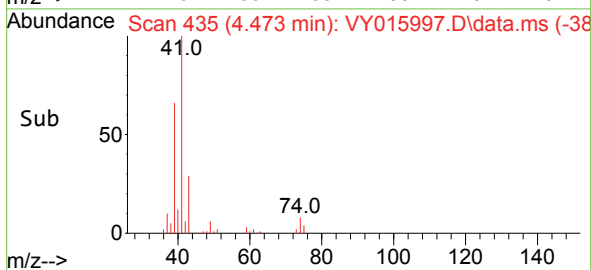
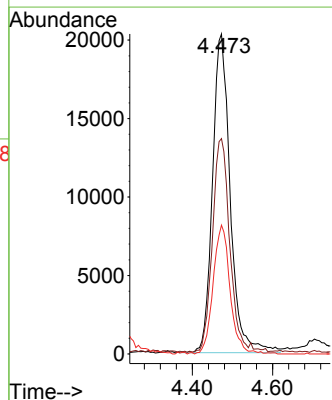
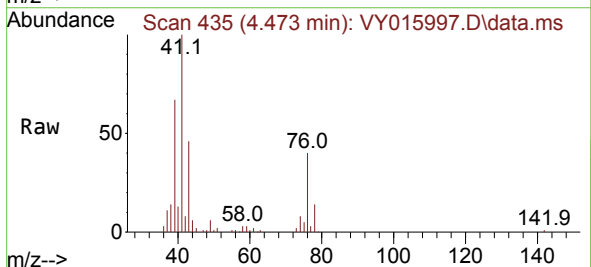
Instrument :
MSVOA_Y
ClientSampleId :

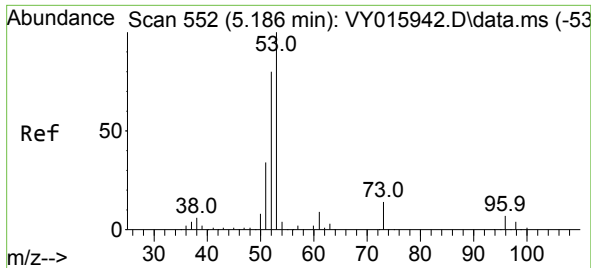
Tgt Ion: 56 Resp: 32692
Ion Ratio Lower Upper
56 100
55 79.7 57.0 85.4



#14
Allyl chloride
Concen: 20.161 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

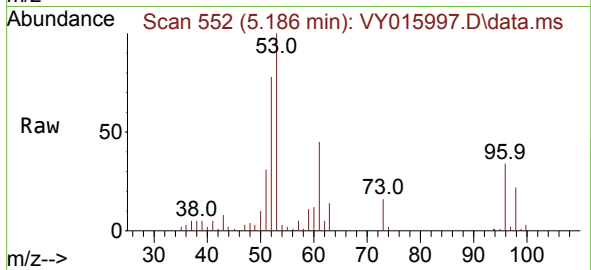
Tgt Ion: 41 Resp: 62220
Ion Ratio Lower Upper
41 100
39 66.2 58.0 87.0
76 38.7 27.4 41.2



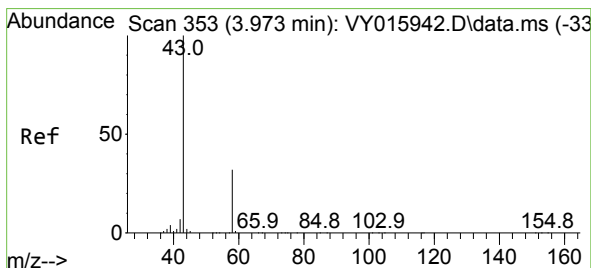
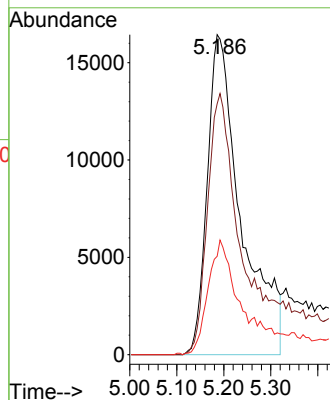
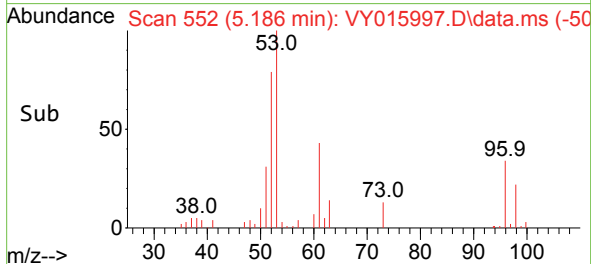


#15
Acrylonitrile
Concen: 70.339 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

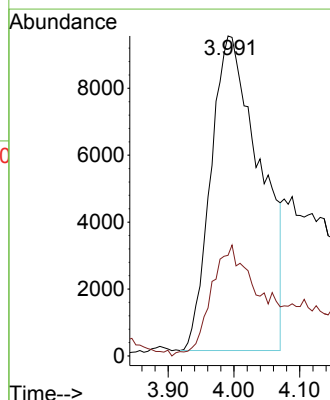
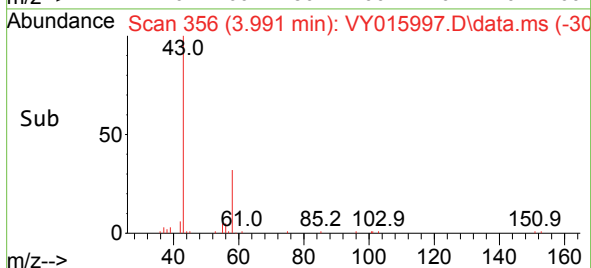
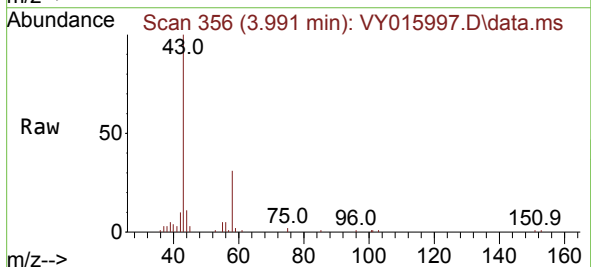


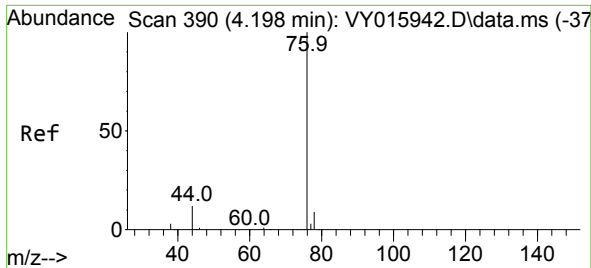
Tgt Ion: 53 Resp: 82569
Ion Ratio Lower Upper
53 100
52 91.3 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 37.512 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 43 Resp: 48838
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1

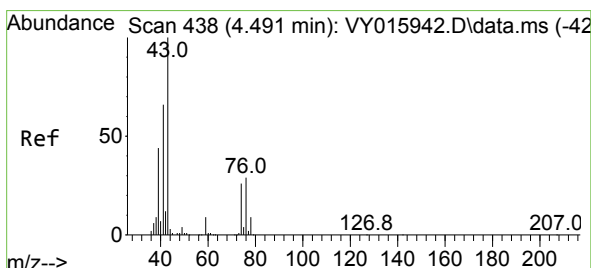
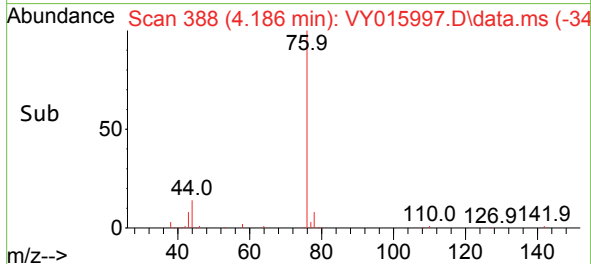
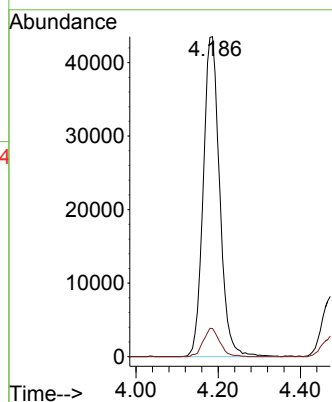
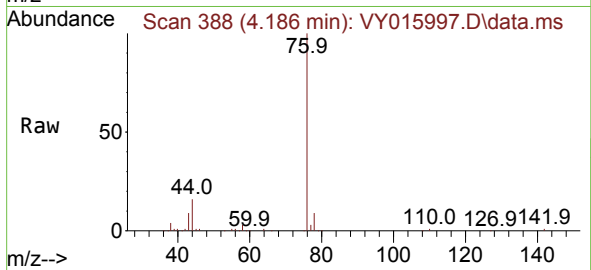




#17
Carbon Disulfide
Concen: 20.674 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

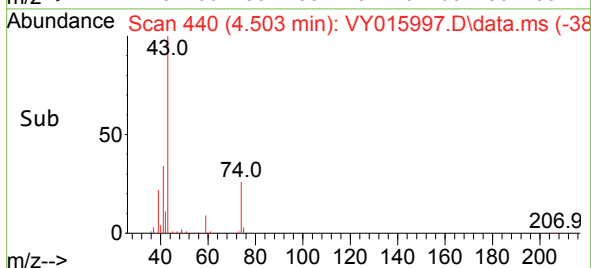
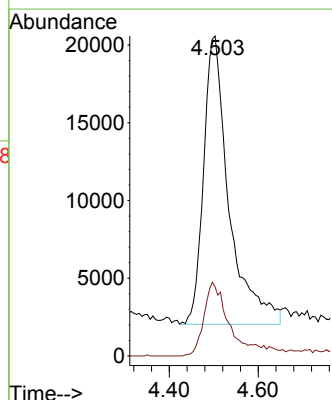
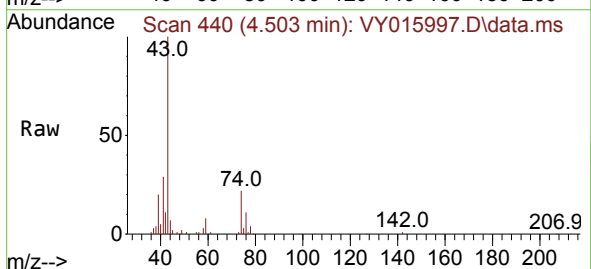
Instrument :
MSVOA_Y
ClientSampleId :

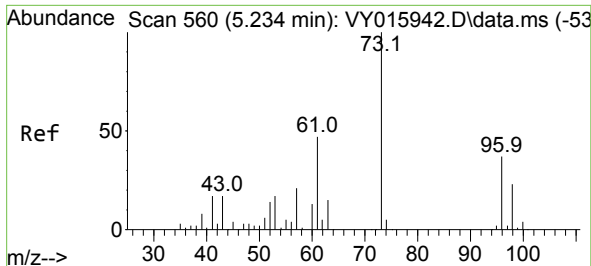
Tgt Ion: 76 Resp: 120684
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 16.353 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 43 Resp: 73850
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 16.383 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

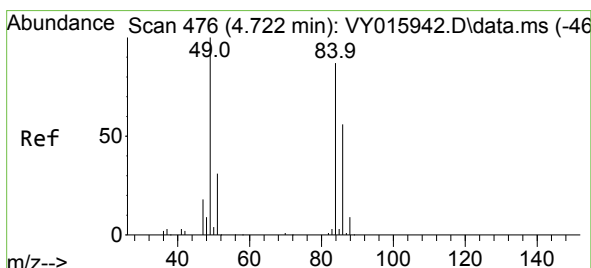
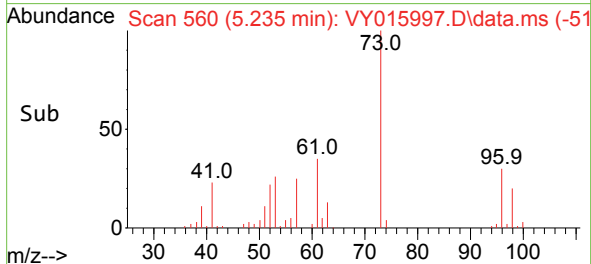
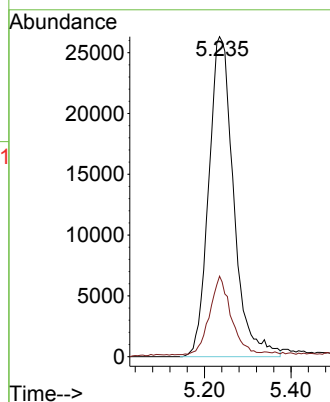
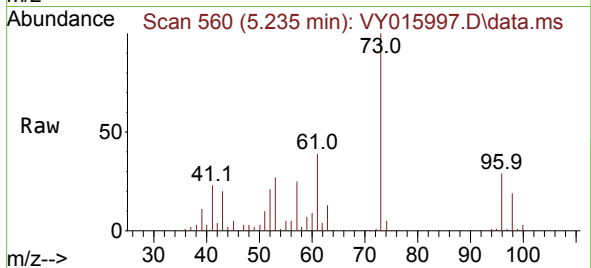
ClientSampleId :

Tgt Ion: 73 Resp: 104889

Ion Ratio Lower Upper

73 100

57 24.5 17.3 25.9



#20

Methylene Chloride

Concen: 16.573 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Tgt Ion: 84 Resp: 48097

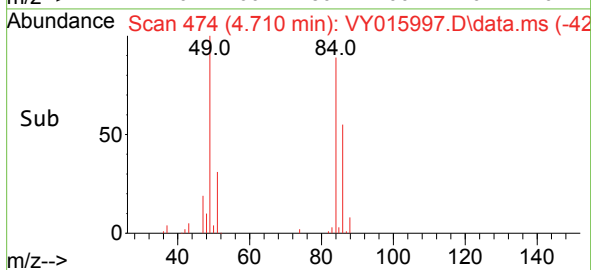
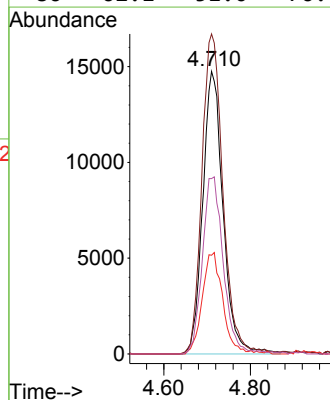
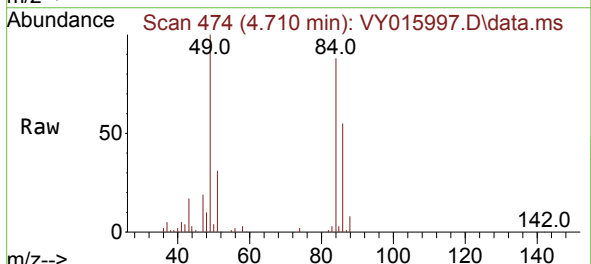
Ion Ratio Lower Upper

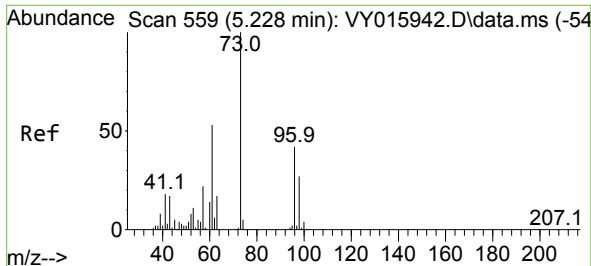
84 100

49 113.2 106.9 160.3

51 35.0 33.2 49.8

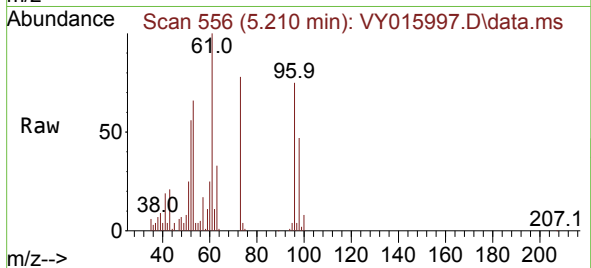
86 62.1 51.0 76.6



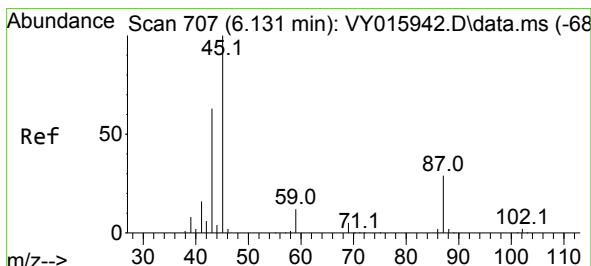
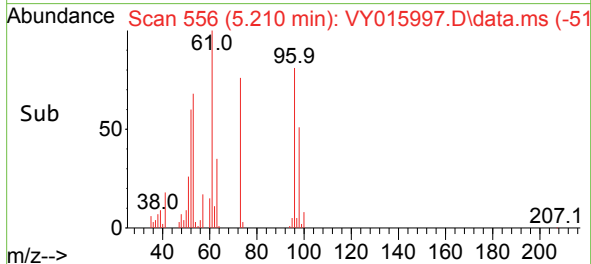
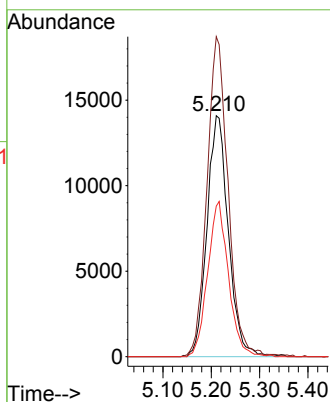


#21
trans-1,2-Dichloroethene
Concen: 19.377 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

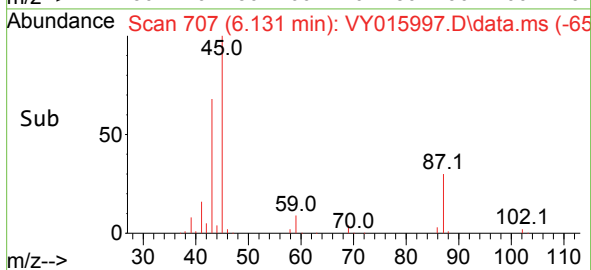
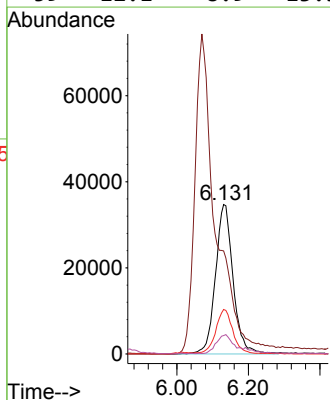
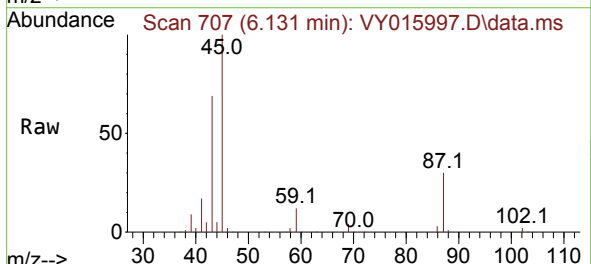


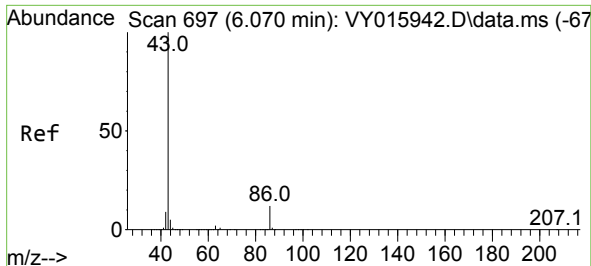
Tgt Ion: 96 Resp: 43255
Ion Ratio Lower Upper
96 100
61 132.8 110.2 165.4
98 62.5 51.8 77.6



#22
Diisopropyl ether
Concen: 18.562 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 45 Resp: 118956
Ion Ratio Lower Upper
45 100
43 68.7 52.2 78.4
87 29.6 21.0 31.6
59 12.1 8.9 13.3

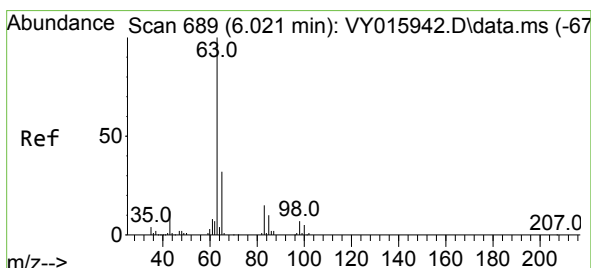
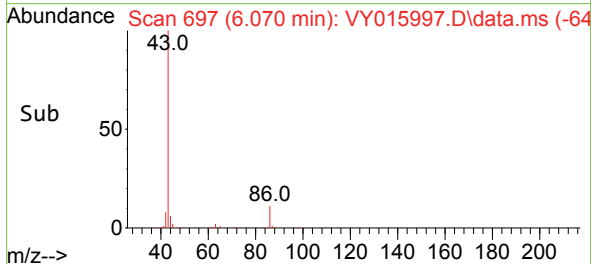
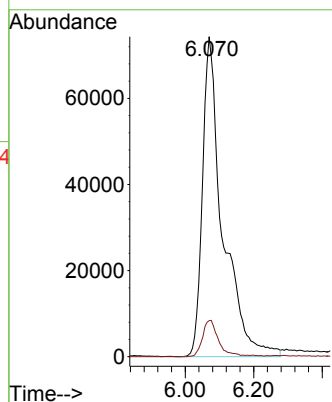
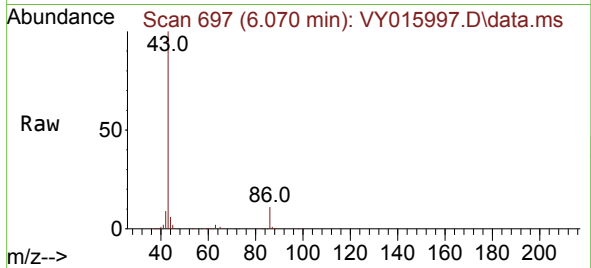




#23
 Vinyl Acetate
 Concen: 72.301 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

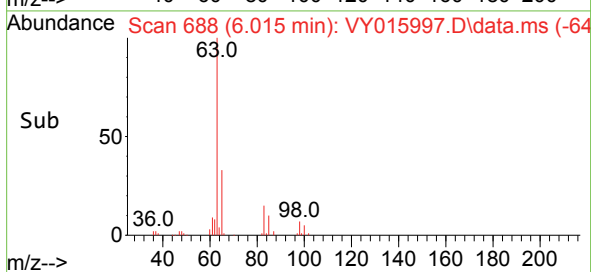
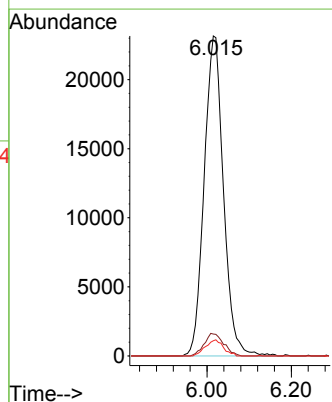
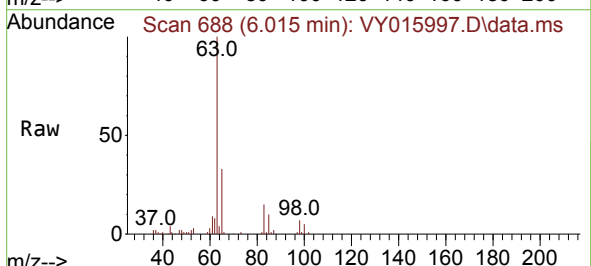
Instrument :
 MSVOA_Y
 ClientSampleId :

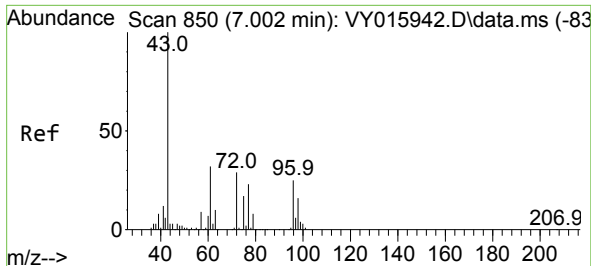
Tgt Ion: 43 Resp: 304821
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.323 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

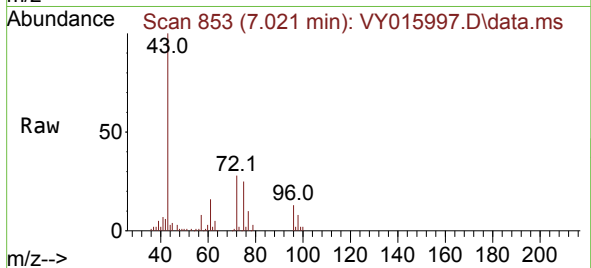
Tgt Ion: 63 Resp: 73678
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5



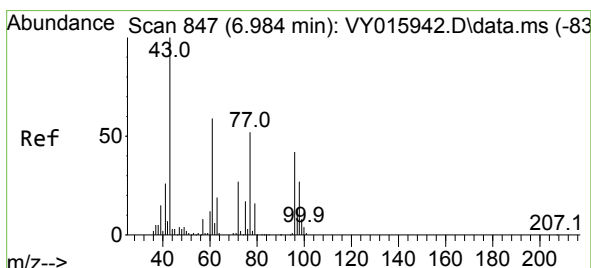
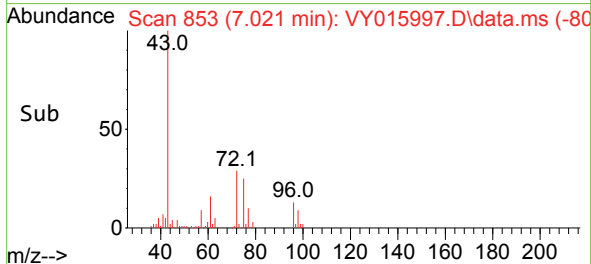
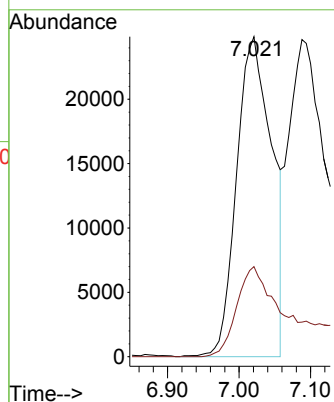


#25
2-Butanone
Concen: 44.906 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

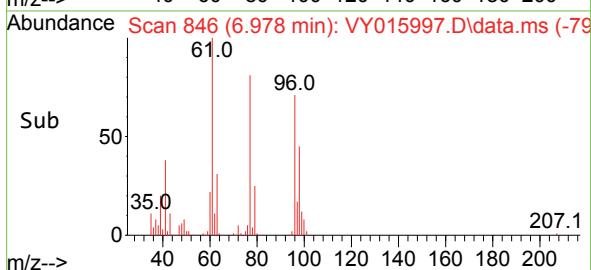
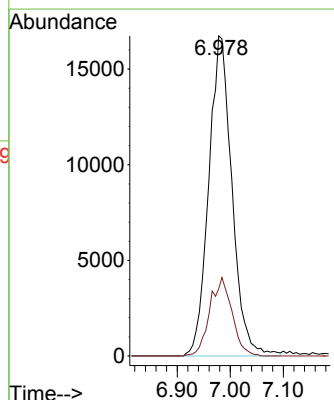
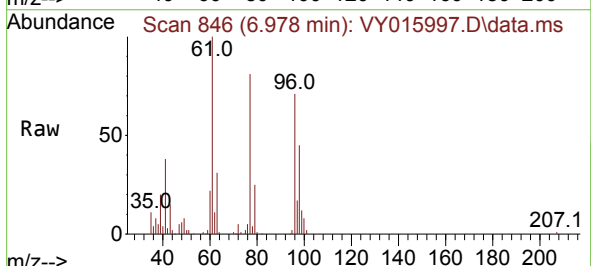


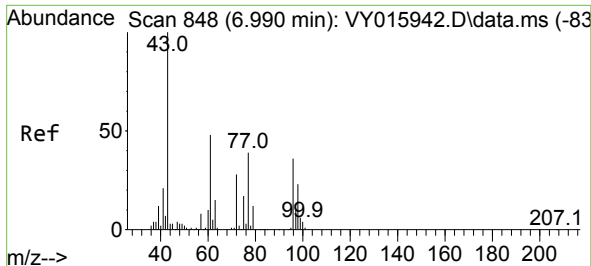
Tgt Ion: 43 Resp: 85090
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 16.094 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 77 Resp: 50958
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.395 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

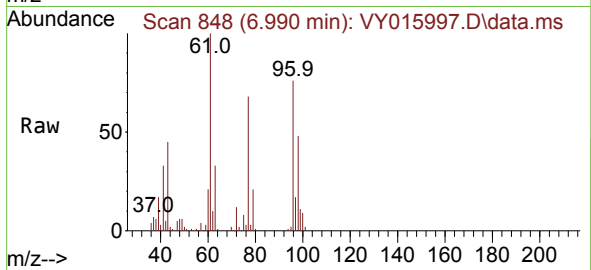
Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



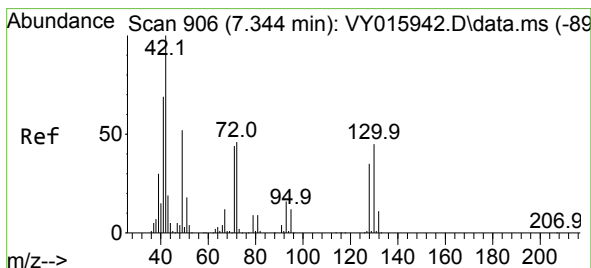
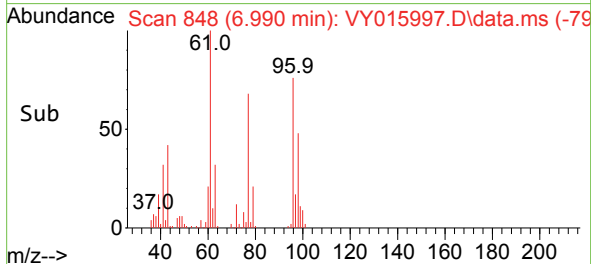
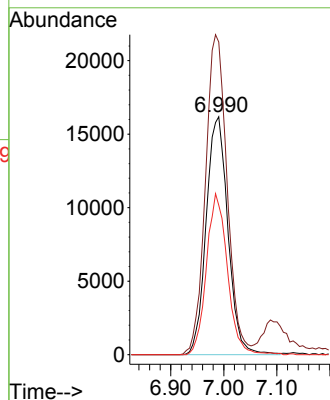
Tgt Ion: 96 Resp: 46173

Ion Ratio Lower Upper

96 100

61 133.4 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 18.346 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

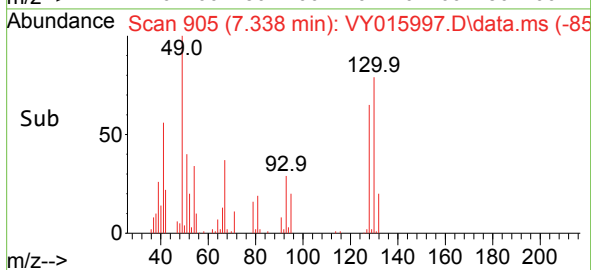
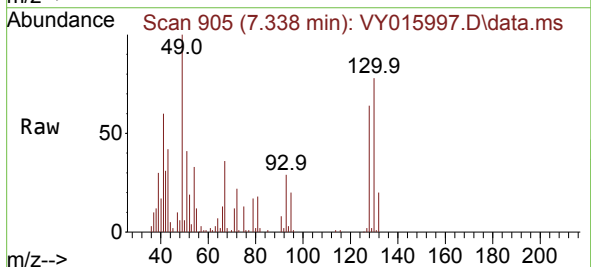
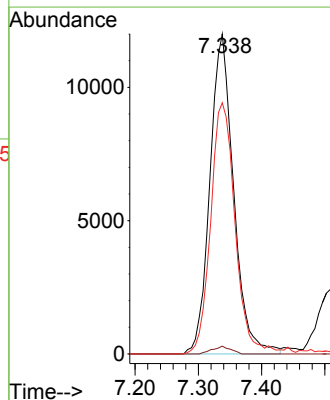
Tgt Ion: 49 Resp: 31217

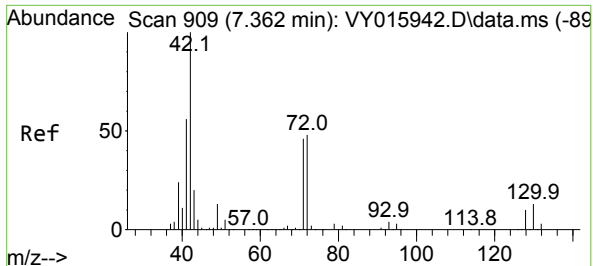
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 80.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 87.978 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

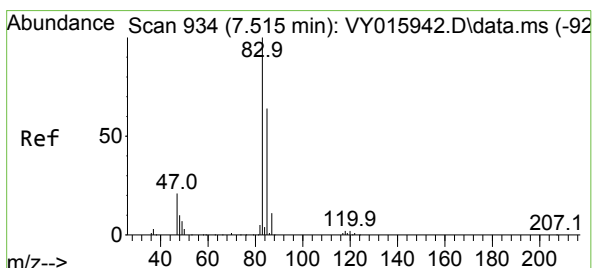
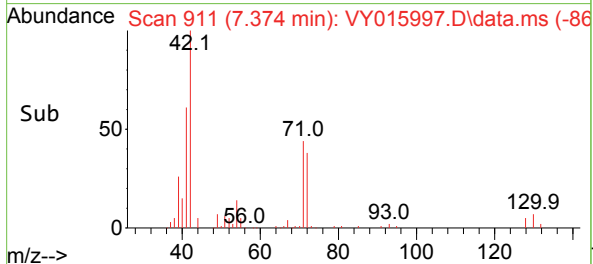
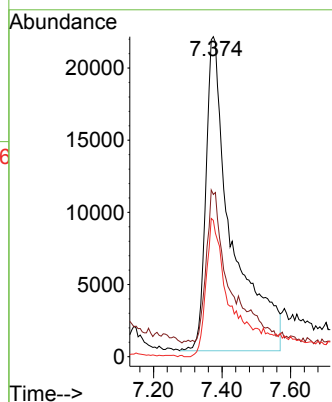
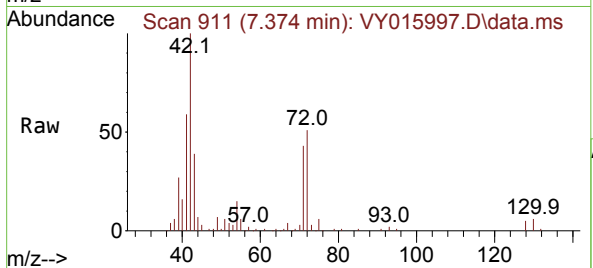
Tgt Ion: 42 Resp: 114272

Ion Ratio Lower Upper

42 100

72 43.0 32.8 49.2

71 37.8 31.0 46.4



#30

Chloroform

Concen: 19.134 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015997.D

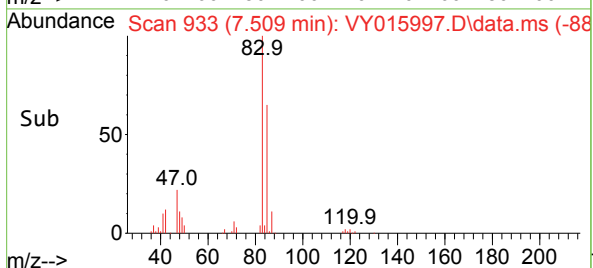
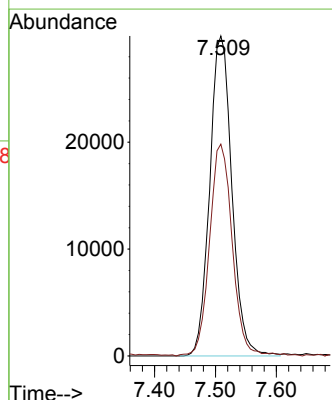
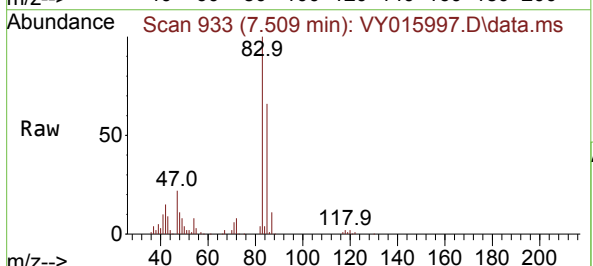
Acq: 17 Oct 2023 11:43

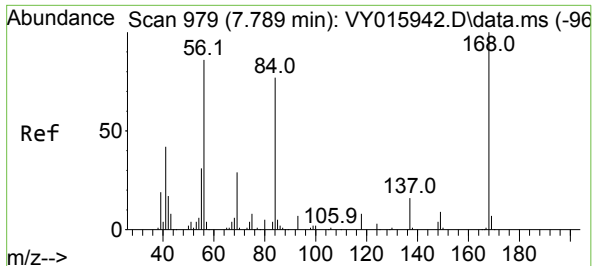
Tgt Ion: 83 Resp: 75723

Ion Ratio Lower Upper

83 100

85 65.8 49.7 74.5

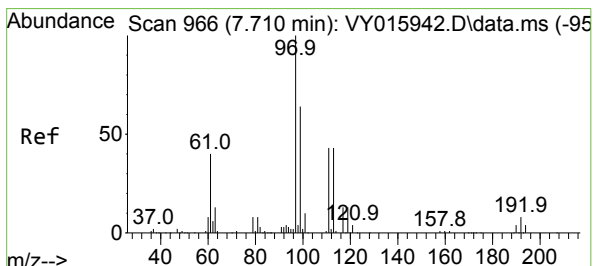
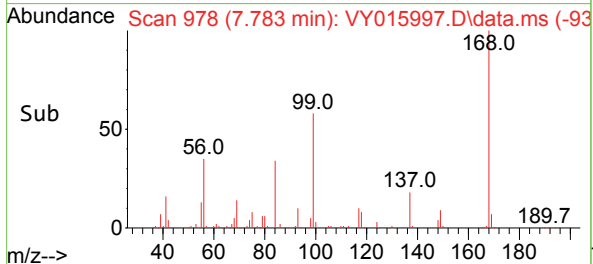
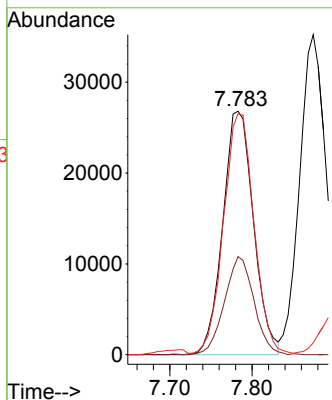
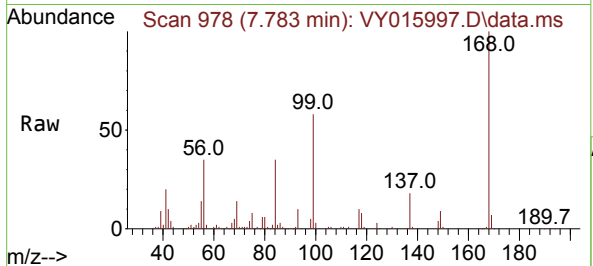




#31
Cyclohexane
Concen: 19.573 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

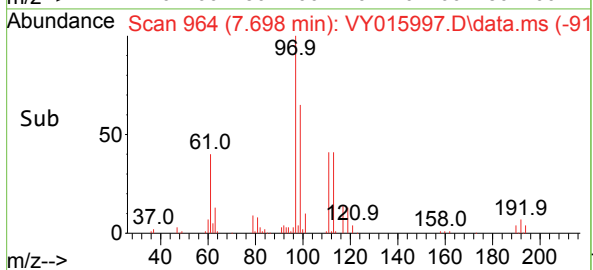
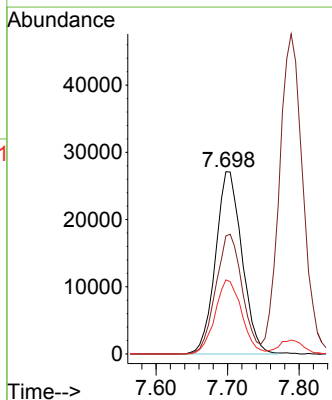
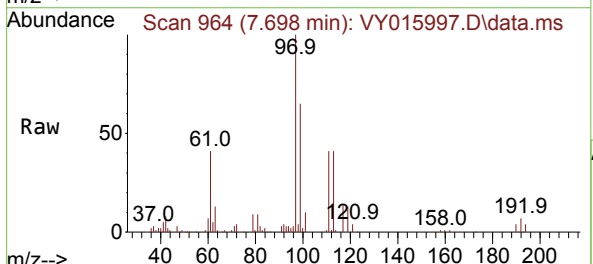
Instrument :
MSVOA_Y
ClientSampleId :

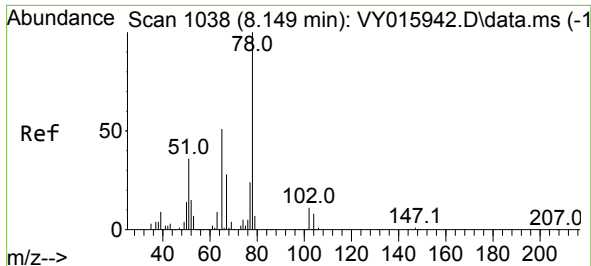
Tgt Ion: 56 Resp: 69834
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 96.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.748 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

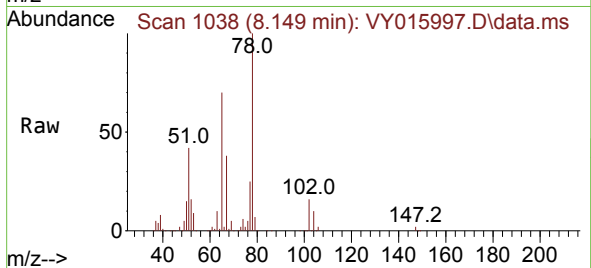
Tgt Ion: 97 Resp: 69510
Ion Ratio Lower Upper
97 100
99 66.2 50.8 76.2
61 40.9 35.1 52.7



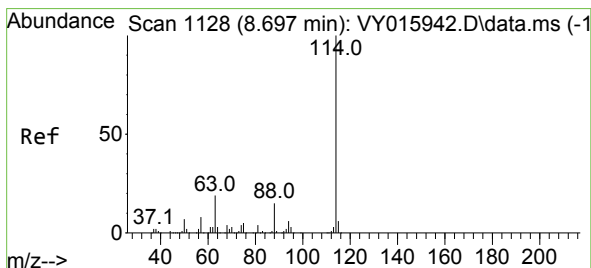
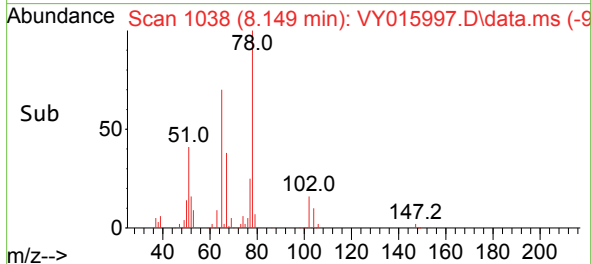
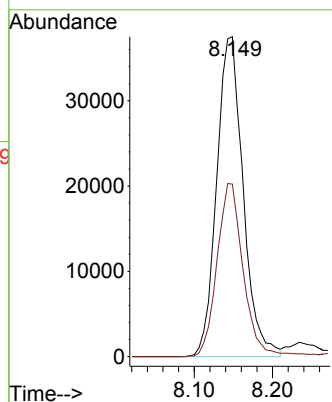


#33
 1,2-Dichloroethane-d4
 Concen: 39.299 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :

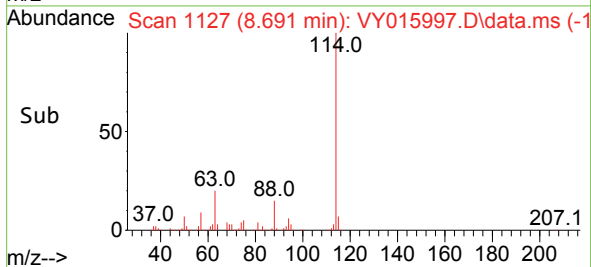
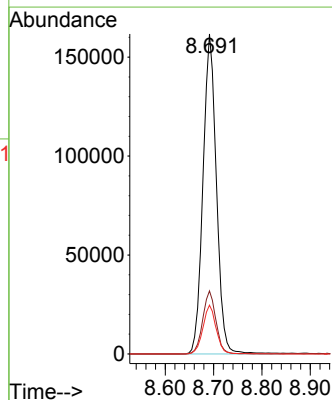
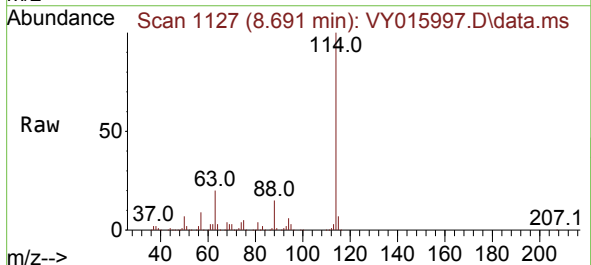


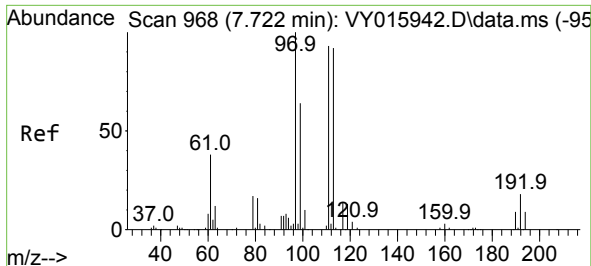
Tgt Ion: 65 Resp: 88080
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

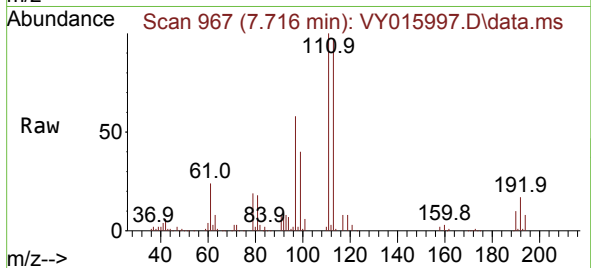
Tgt Ion: 114 Resp: 312120
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.3 0.0 30.6



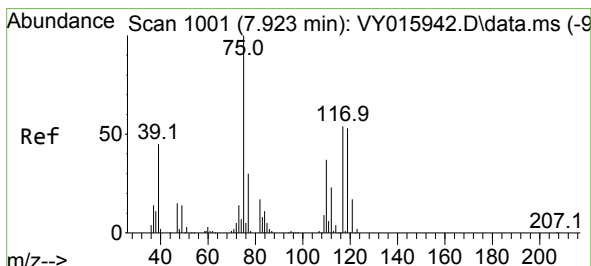
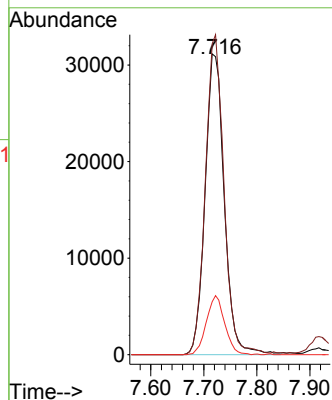
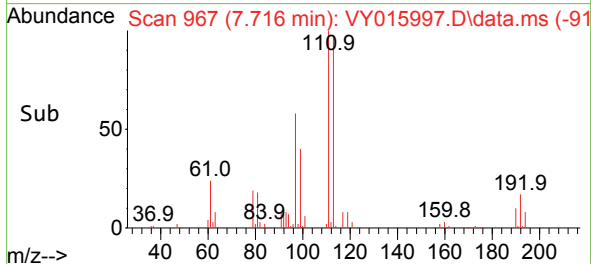


#35
Dibromofluoromethane
Concen: 39.877 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

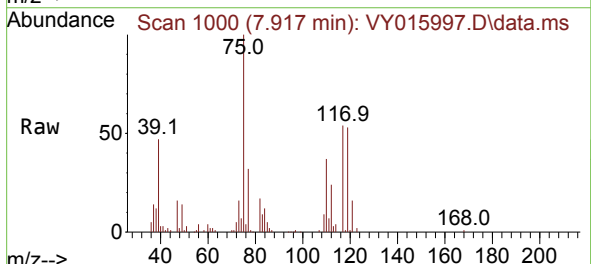
Instrument :
MSVOA_Y
ClientSampleId :



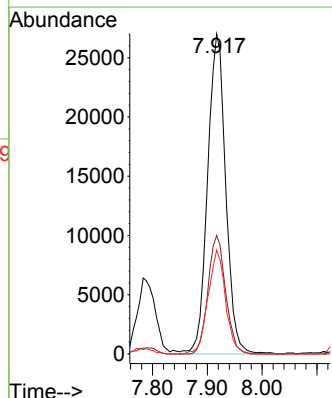
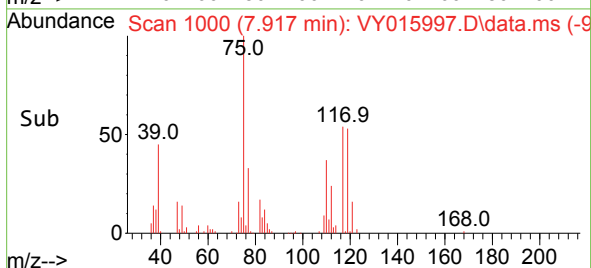
Tgt Ion:113 Resp: 78356
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.7 16.9 25.3

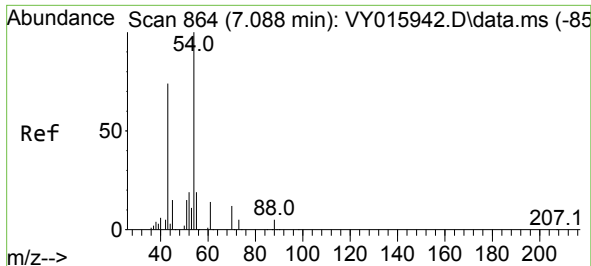


#36
1,1-Dichloropropene
Concen: 20.862 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43



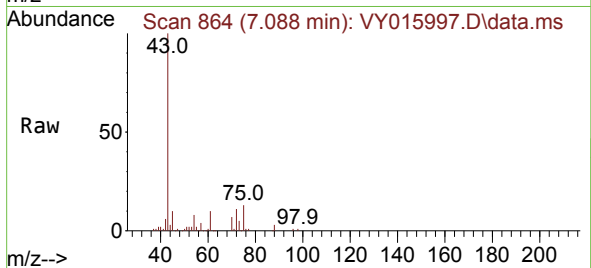
Tgt Ion: 75 Resp: 61852
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.4 24.4 36.6



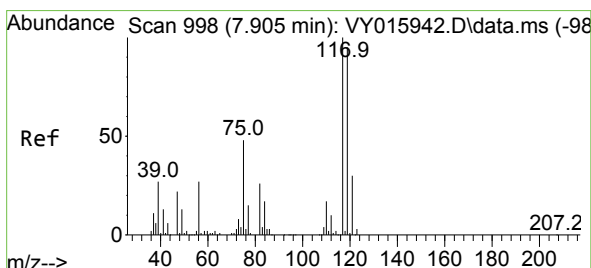
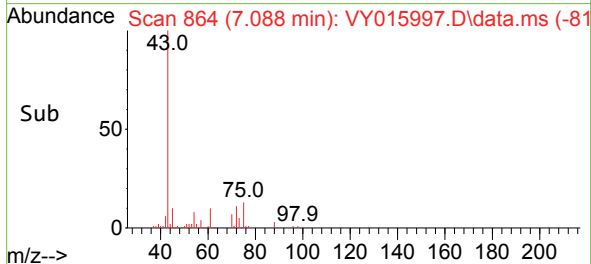
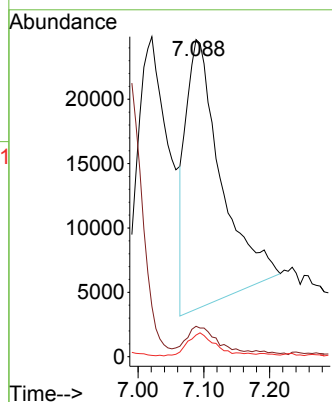


#37
Ethyl Acetate
Concen: 16.933 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

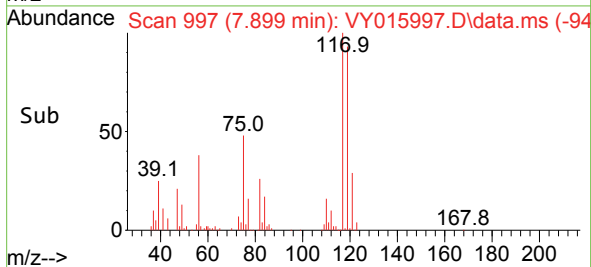
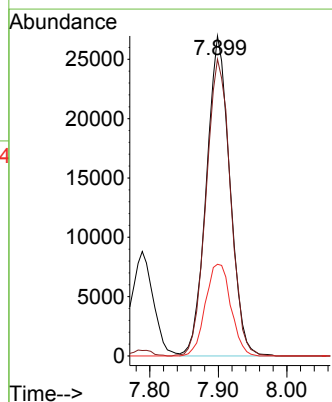
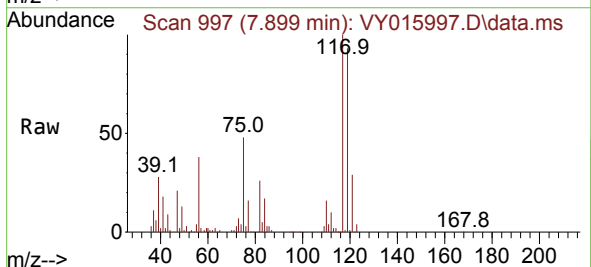


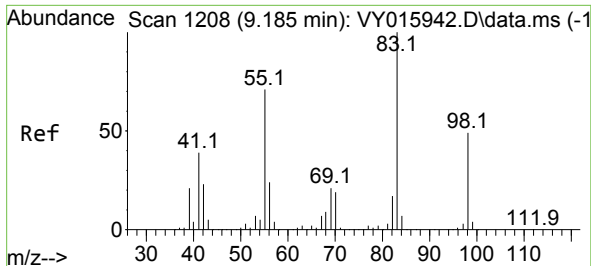
Tgt Ion: 43 Resp: 77463
Ion Ratio Lower Upper
43 100
61 8.3 10.1 15.1#
70 6.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.594 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 117 Resp: 64304
Ion Ratio Lower Upper
117 100
119 92.8 76.4 114.6
121 28.7 25.8 38.6

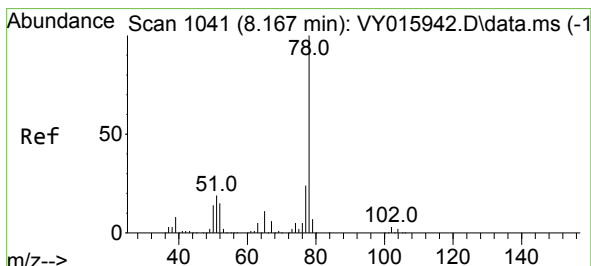
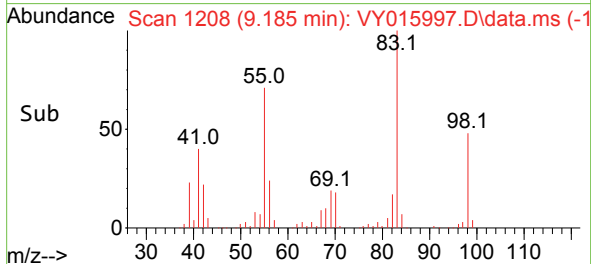
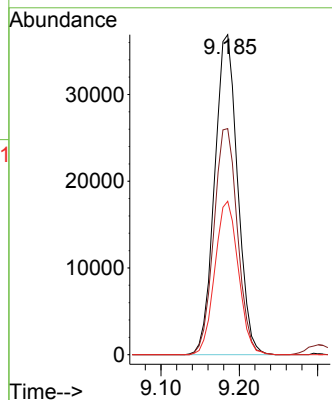
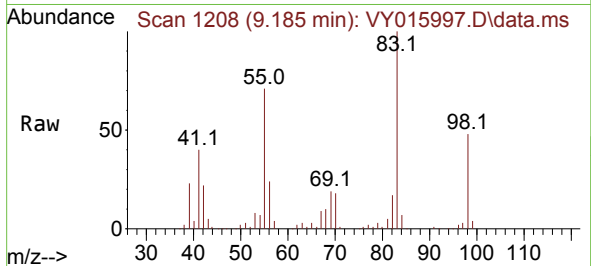




#39
Methylcyclohexane
Concen: 19.770 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

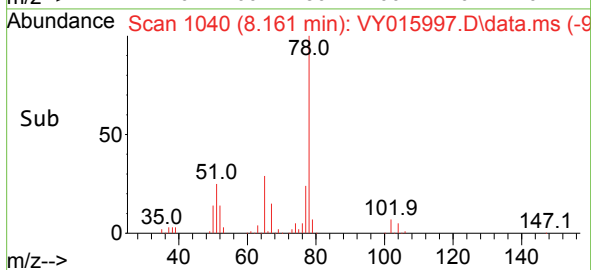
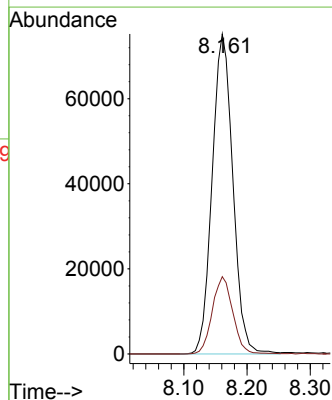
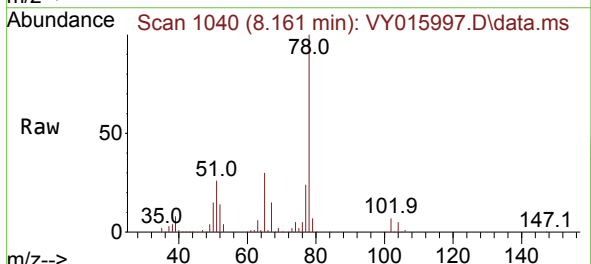
Instrument :
MSVOA_Y
ClientSampleId :

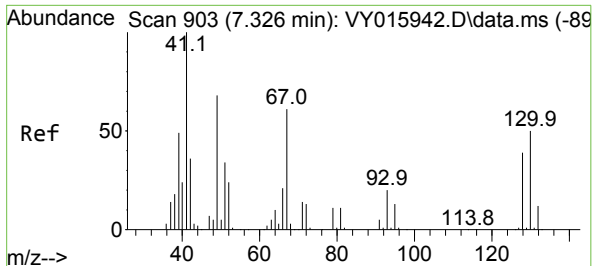
Tgt Ion: 83 Resp: 75202
Ion Ratio Lower Upper
83 100
55 70.7 63.0 94.4
98 47.9 37.4 56.2



#40
Benzene
Concen: 19.895 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 78 Resp: 170666
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

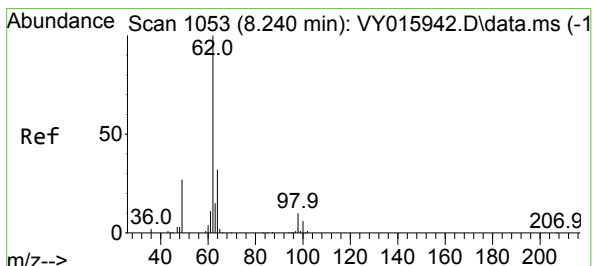
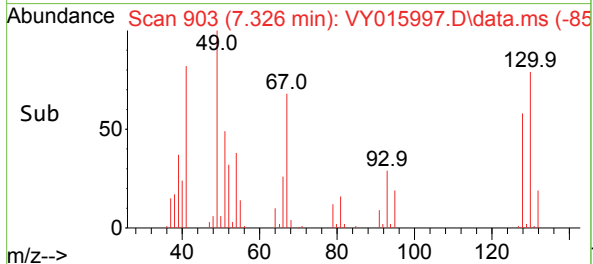
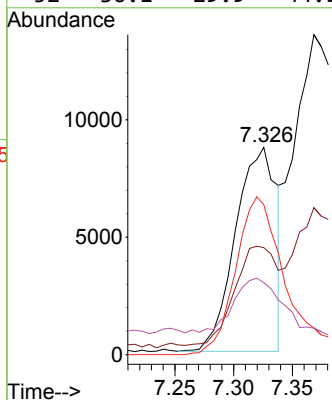
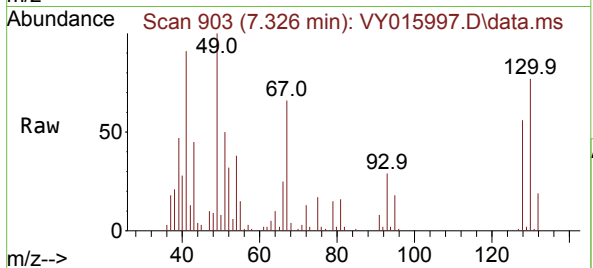




#41
Methacrylonitrile
Concen: 13.956 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

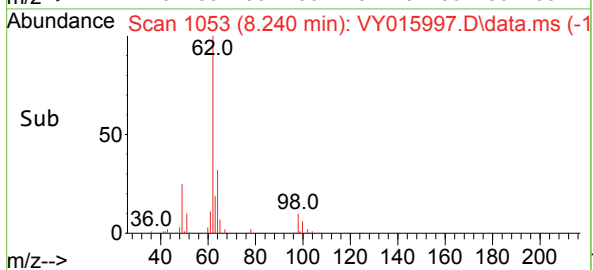
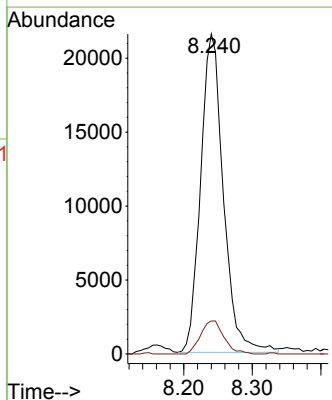
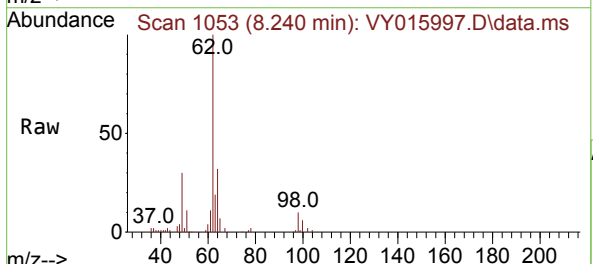
Instrument :
MSVOA_Y
ClientSampleId :

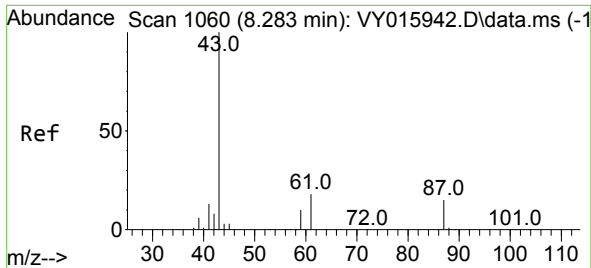
Tgt Ion:	41	Resp:	21051
Ion	Ratio	Lower	Upper
41	100		
39	49.1	52.1	78.1#
67	91.9	66.2	99.2
52	36.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 18.082 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion:	62	Resp:	49771
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	15.8

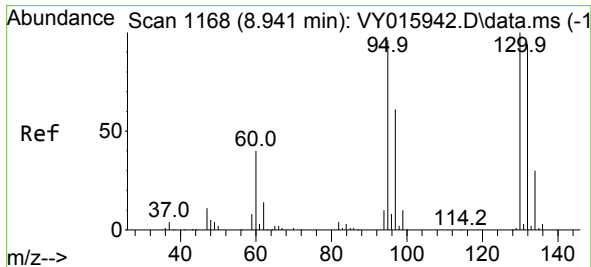
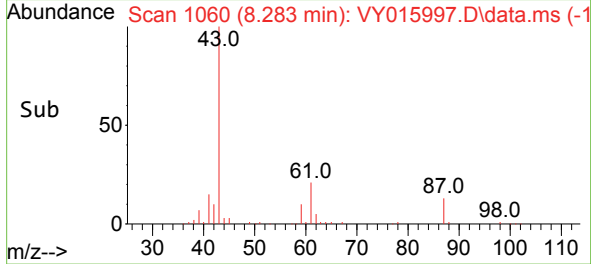
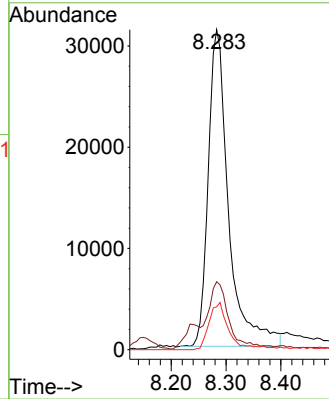
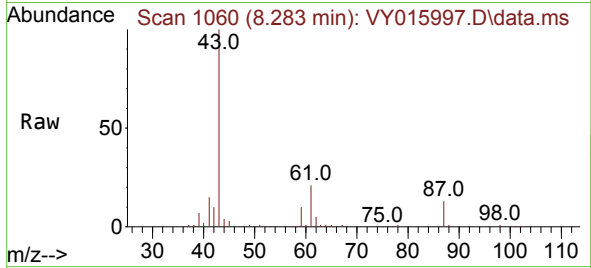




#43
Isopropyl Acetate
Concen: 16.396 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

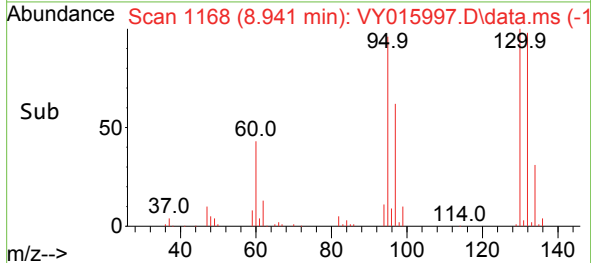
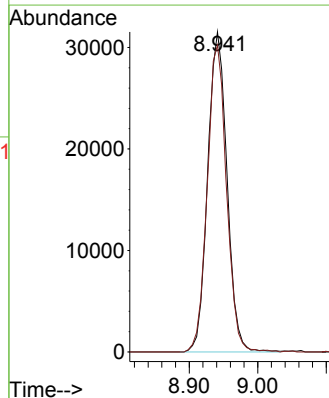
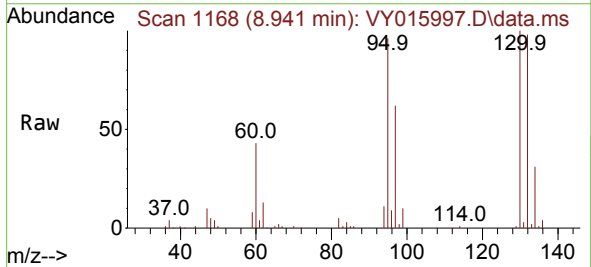
Instrument :
MSVOA_Y
ClientSampleId :

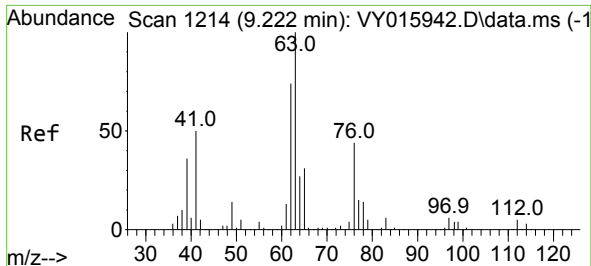
Tgt Ion: 43 Resp: 80579
Ion Ratio Lower Upper
43 100
61 20.1 21.1 31.7#
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 23.341 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion:130 Resp: 61705
Ion Ratio Lower Upper
130 100
95 95.9 0.0 196.0

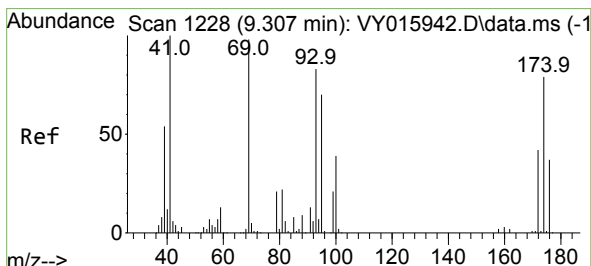
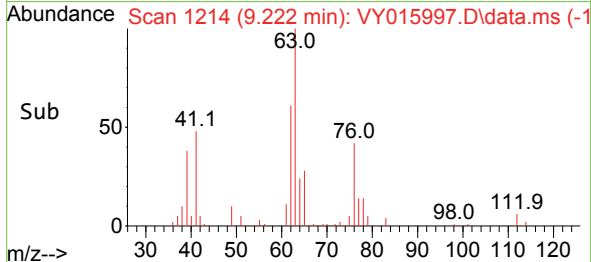
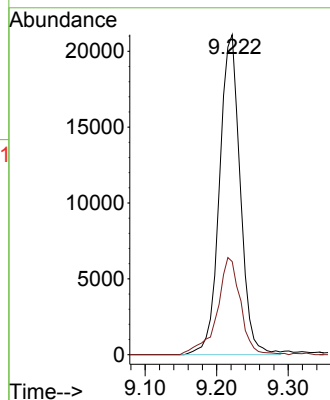
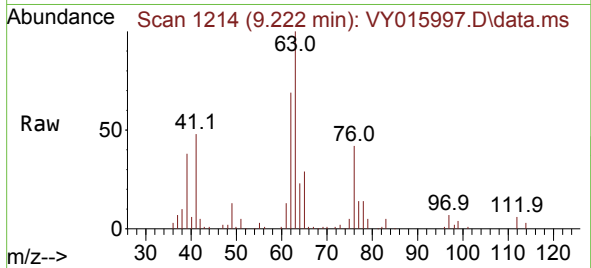




#45
1,2-Dichloropropane
Concen: 19.407 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

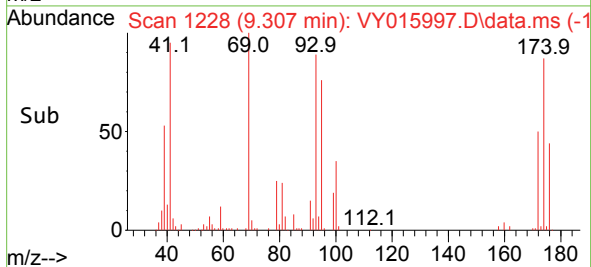
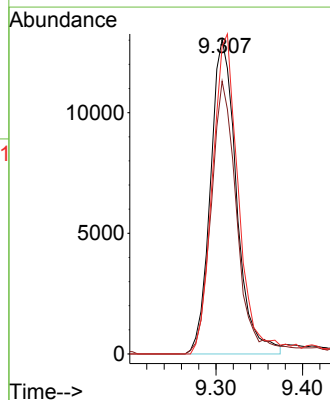
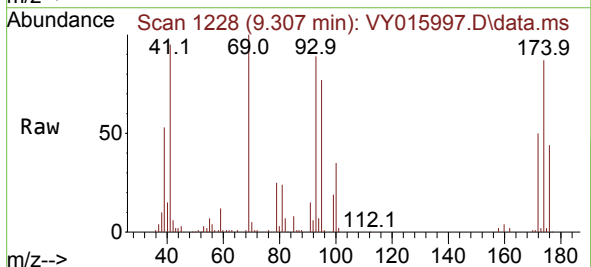
Instrument :
MSVOA_Y
ClientSampleId :

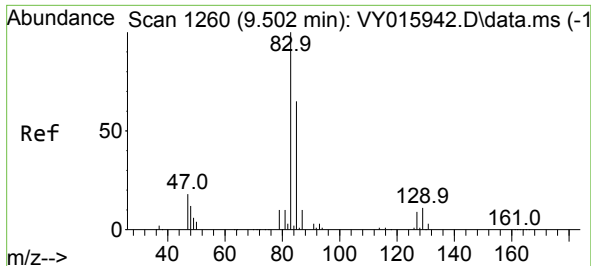
Tgt Ion: 63 Resp: 42481
Ion Ratio Lower Upper
63 100
65 29.1 23.8 35.6



#46
Dibromomethane
Concen: 17.714 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 93 Resp: 27255
Ion Ratio Lower Upper
93 100
95 86.1 66.6 100.0
174 102.6 84.8 127.2

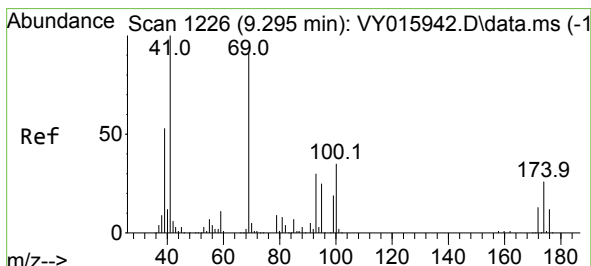
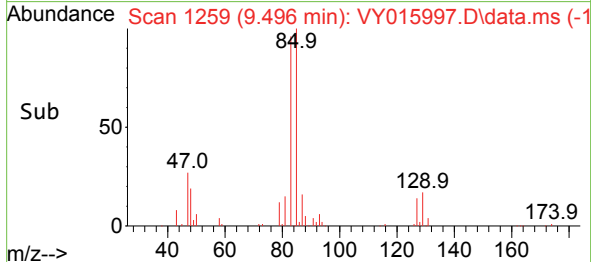
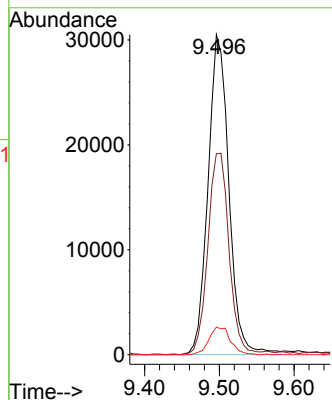
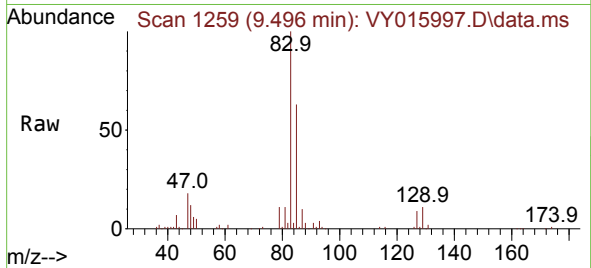




#47
 Bromodichloromethane
 Concen: 19.059 ug/l
 RT: 9.496 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

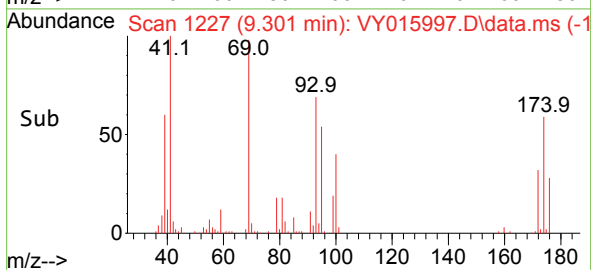
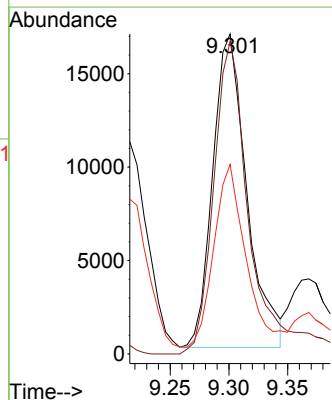
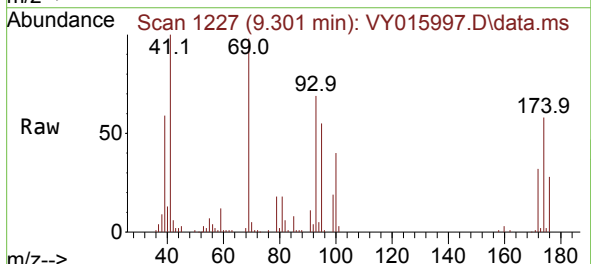
Instrument :
 MSVOA_Y
 ClientSampleId :

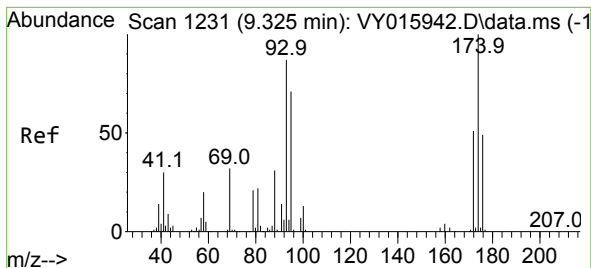
Tgt Ion: 83 Resp: 59216
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.1 75.1
 127 8.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 15.571 ug/l
 RT: 9.301 min Scan# 1227
 Delta R.T. 0.006 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

Tgt Ion: 41 Resp: 33803
 Ion Ratio Lower Upper
 41 100
 69 106.6 64.5 96.7#
 39 56.6 50.8 76.2





#49

1,4-Dioxane

Concen: 140.738 ug/l

RT: 9.386 min Scan# 1

Delta R.T. 0.061 min

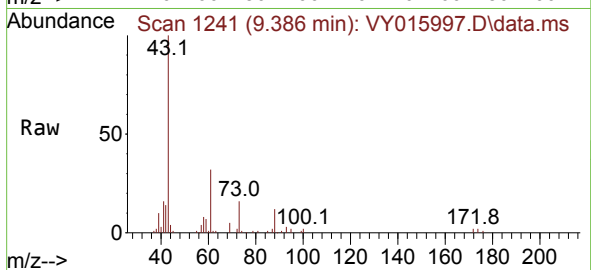
Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



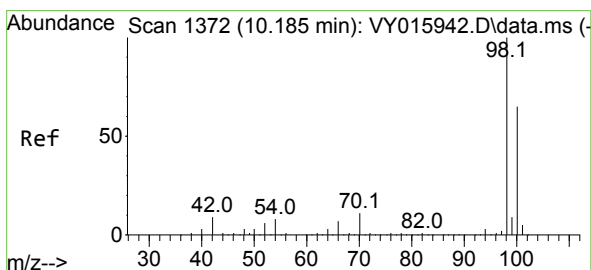
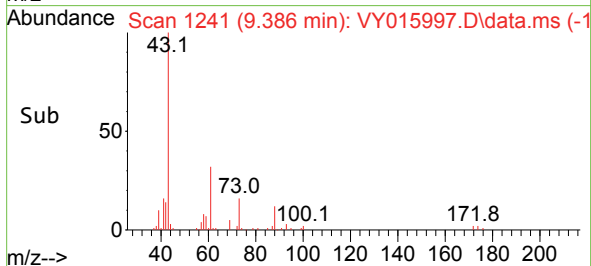
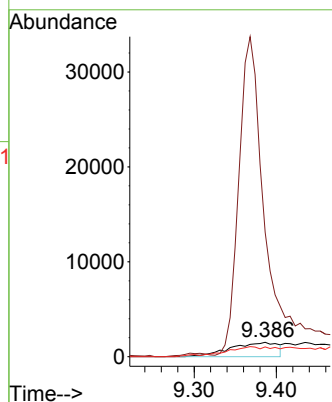
Tgt Ion: 88 Resp: 6039

Ion Ratio Lower Upper

88 100

43 1423.3 0.0 0.0#

58 39.0 30.9 46.3



#50

Toluene-d8

Concen: 45.217 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015997.D

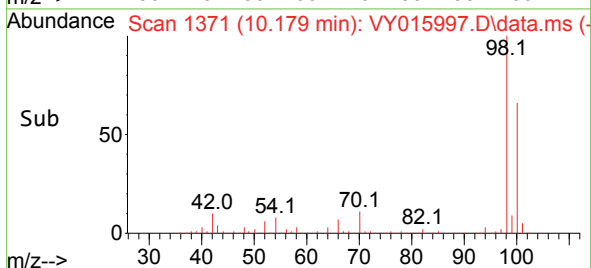
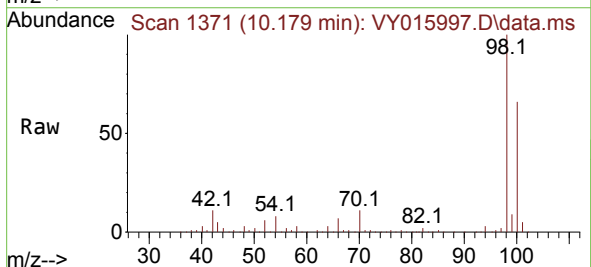
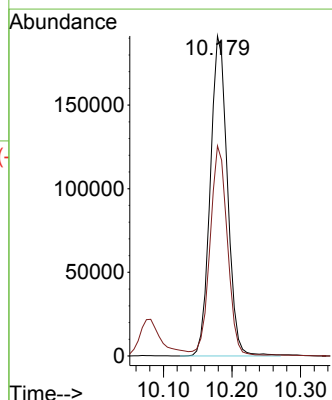
Acq: 17 Oct 2023 11:43

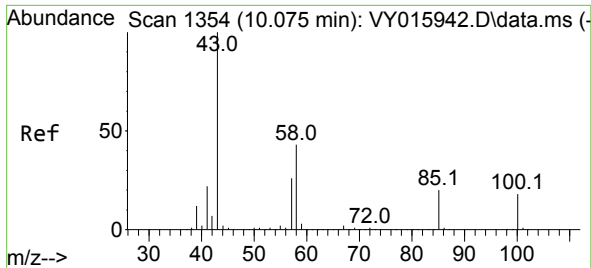
Tgt Ion: 98 Resp: 332734

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

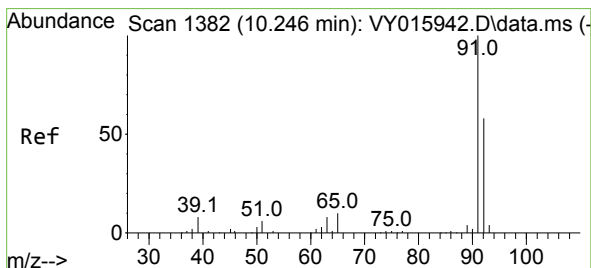
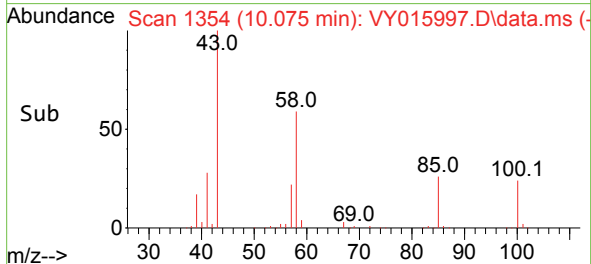
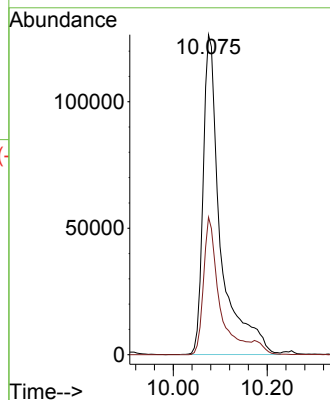
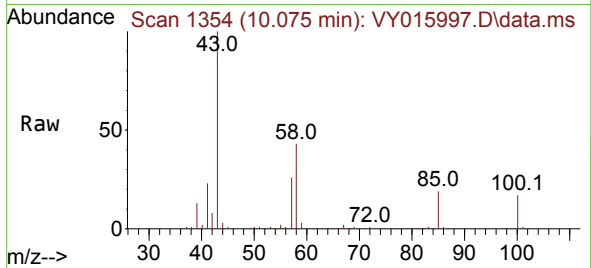




#51
4-Methyl-2-Pentanone
Concen: 90.290 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

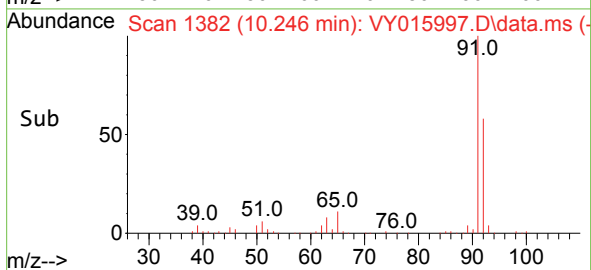
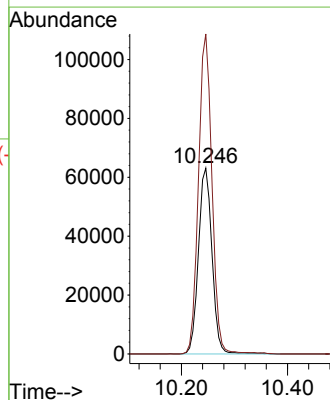
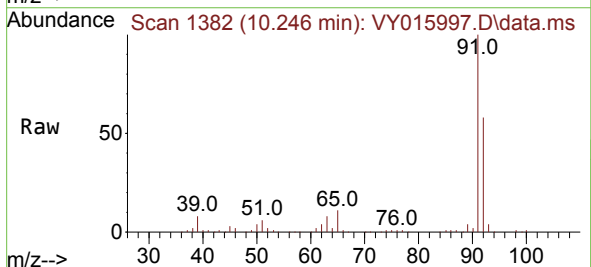
Instrument :
MSVOA_Y
ClientSampleId :

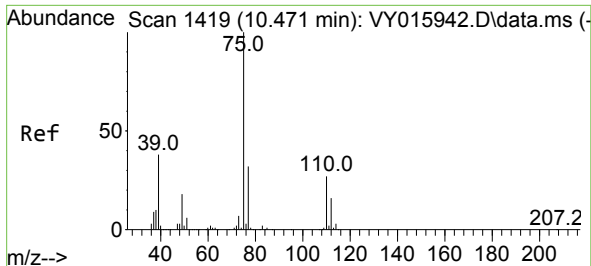
Tgt Ion: 43 Resp: 327021
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 20.405 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 92 Resp: 111914
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6

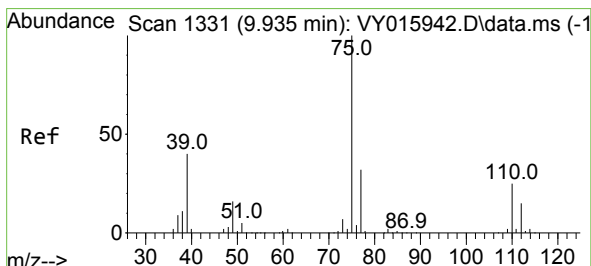
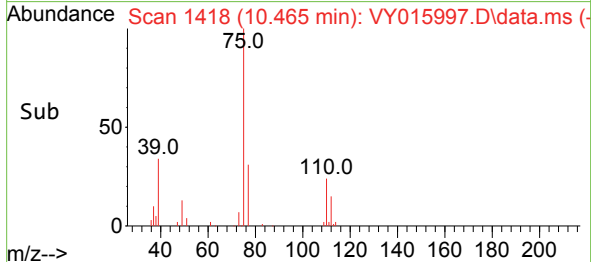
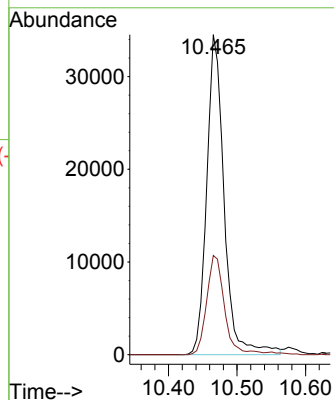
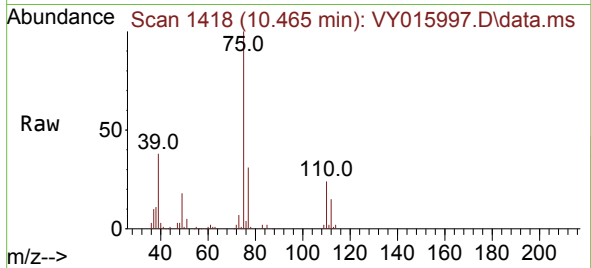




#53
 t-1,3-Dichloropropene
 Concen: 17.550 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

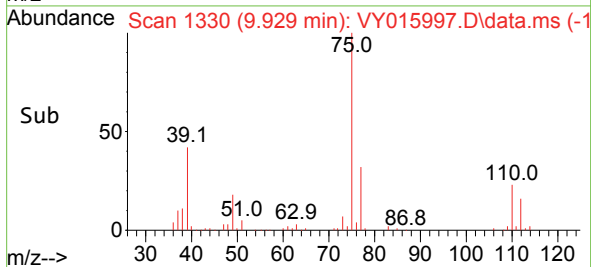
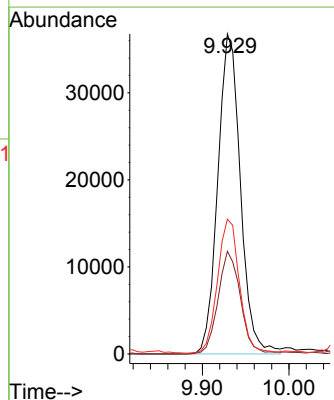
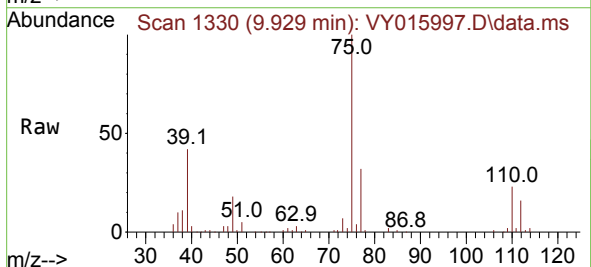
Instrument :
 MSVOA_Y
 ClientSampleId :

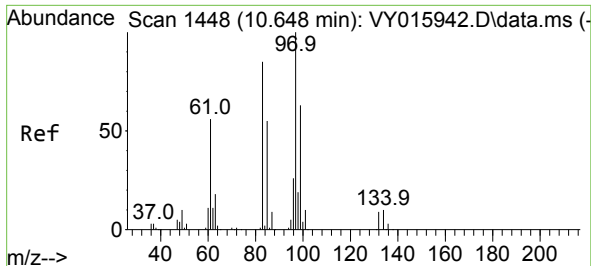
Tgt Ion: 75 Resp: 61141
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 17.836 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

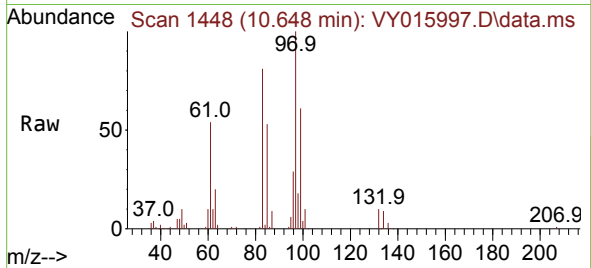
Tgt Ion: 75 Resp: 66794
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 41.8 42.2 63.4#



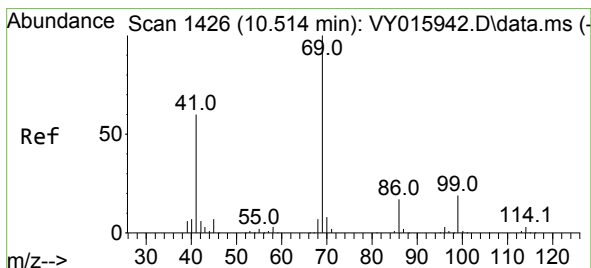
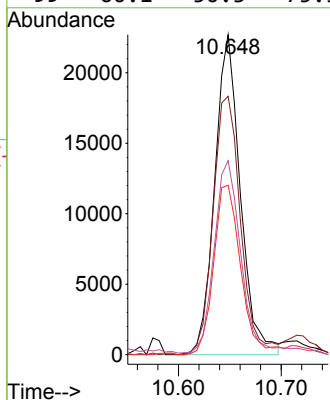
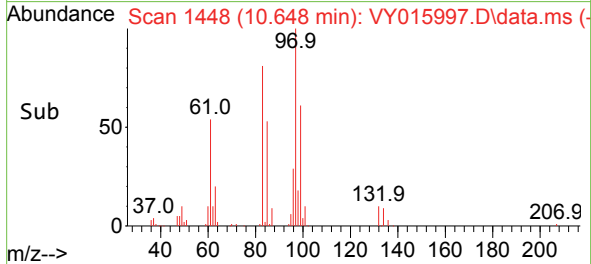


#55
1,1,2-Trichloroethane
Concen: 17.976 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

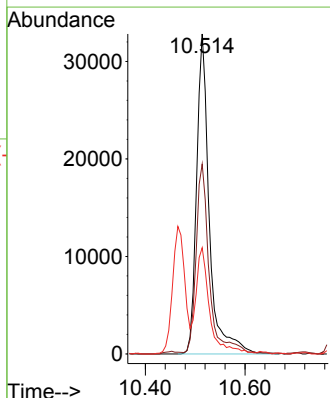
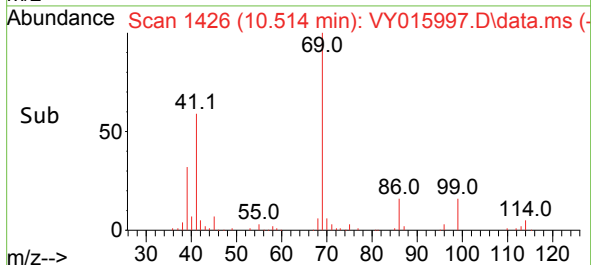
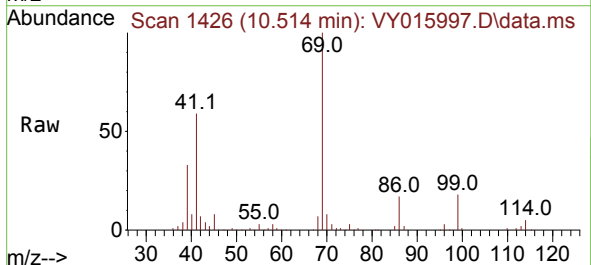


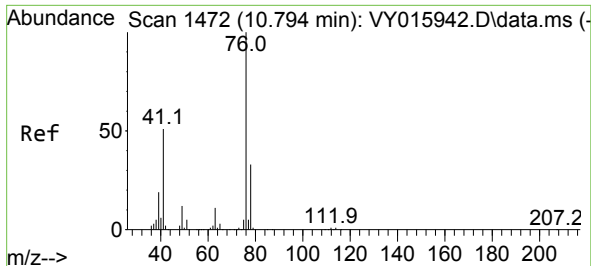
Tgt Ion:	97	Resp:	39378
Ion	Ratio	Lower	Upper
97	100		
83	80.8	72.0	108.0
85	53.0	45.4	68.0
99	60.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 16.945 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion:	69	Resp:	58112
Ion	Ratio	Lower	Upper
69	100		
41	60.7	57.6	86.4
39	34.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 18.605 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

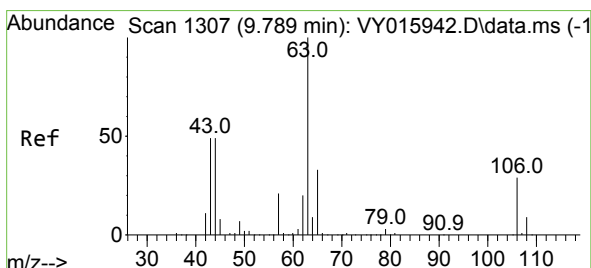
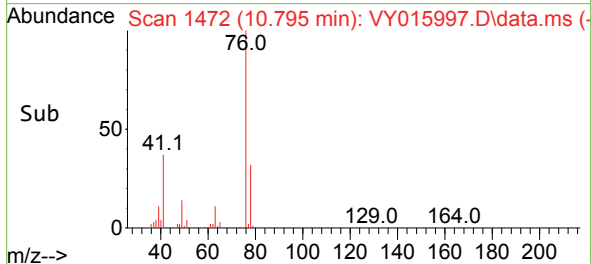
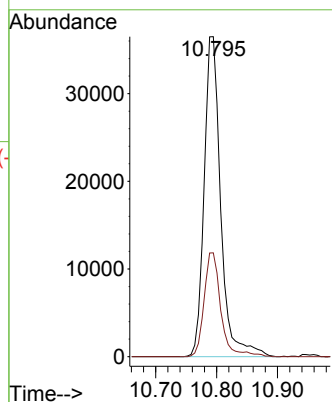
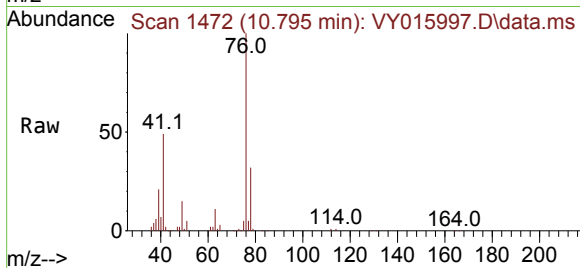
ClientSampleId :

Tgt Ion: 76 Resp: 69142

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 108.414 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015997.D

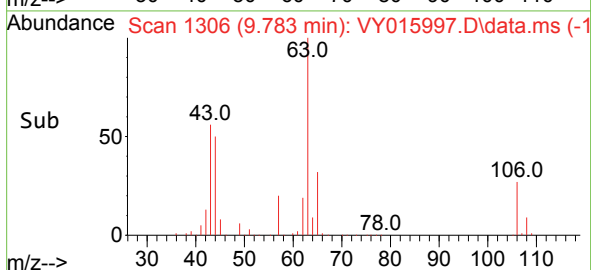
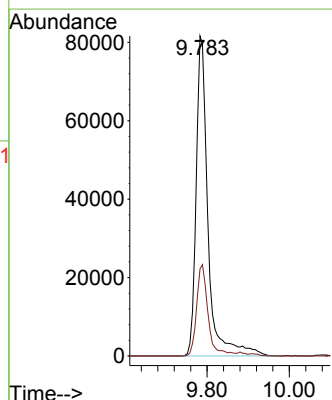
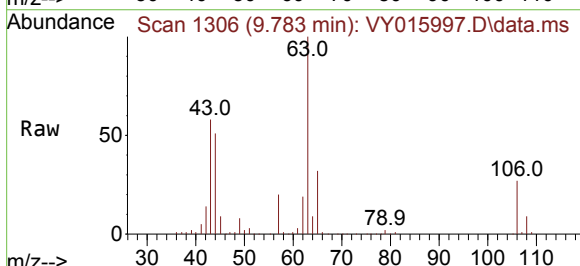
Acq: 17 Oct 2023 11:43

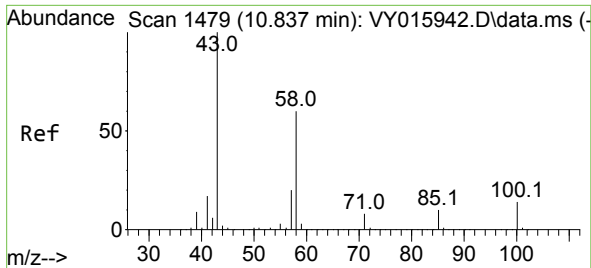
Tgt Ion: 63 Resp: 163151

Ion Ratio Lower Upper

63 100

106 27.6 21.2 31.8

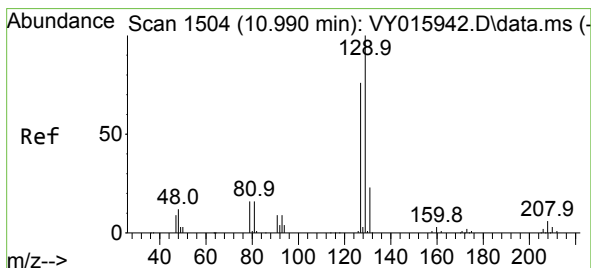
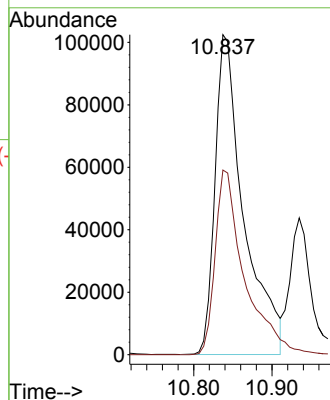
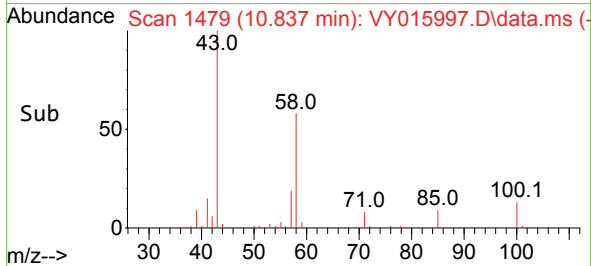
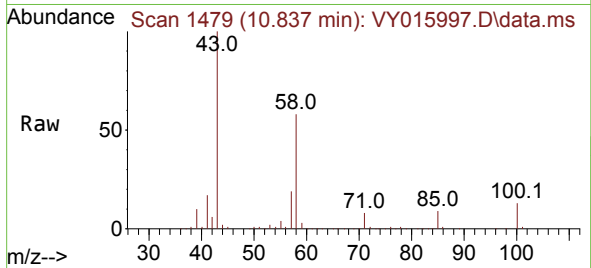




#59
2-Hexanone
Concen: 84.342 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

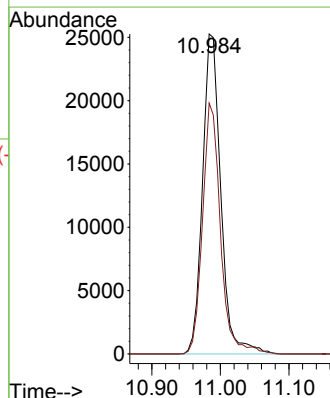
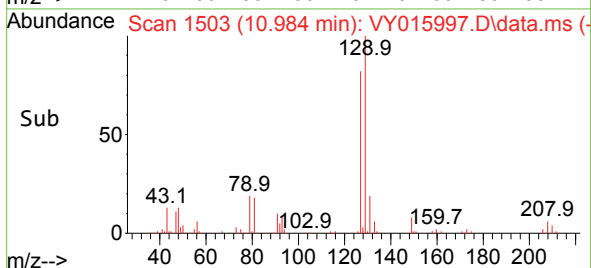
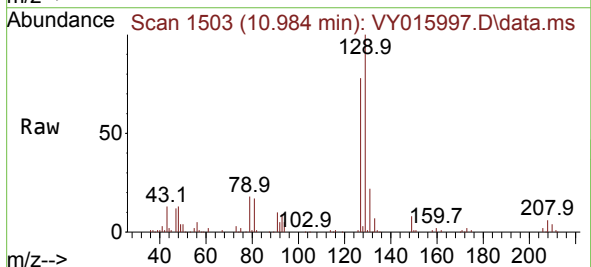
Instrument :
MSVOA_Y
ClientSampleId :

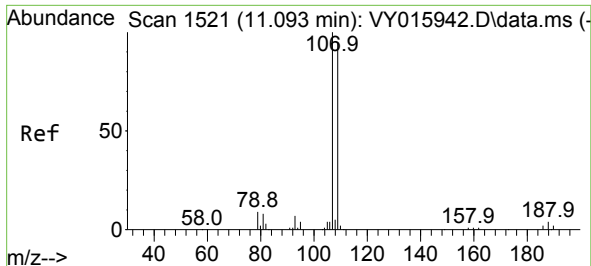
Tgt Ion: 43 Resp: 260761
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3



#60
Dibromochloromethane
Concen: 18.835 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

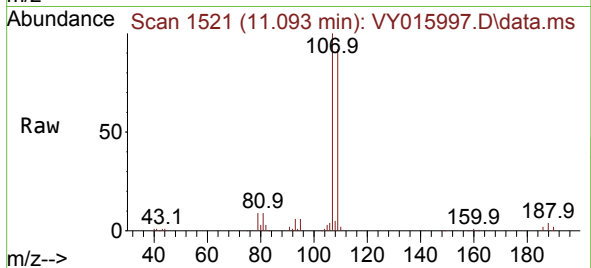
Tgt Ion: 129 Resp: 46922
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5



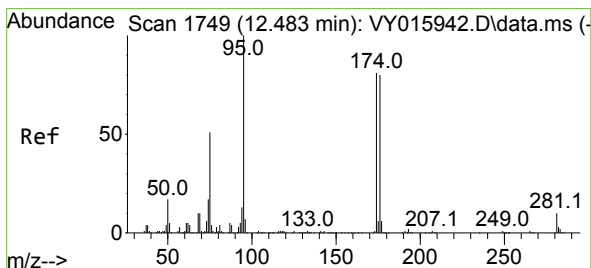
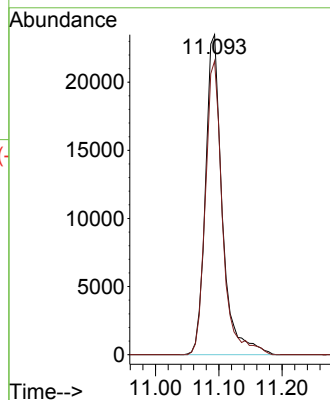
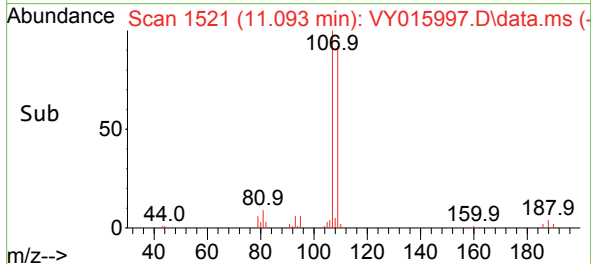


#61
1,2-Dibromoethane
Concen: 18.310 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

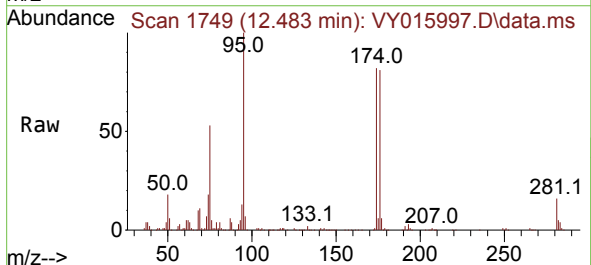
Instrument :
MSVOA_Y
ClientSampleId :



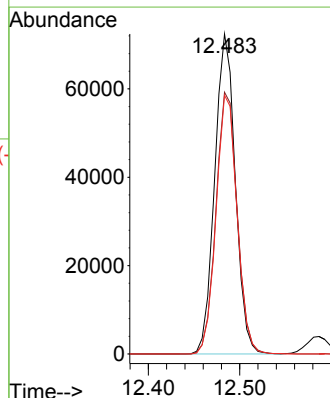
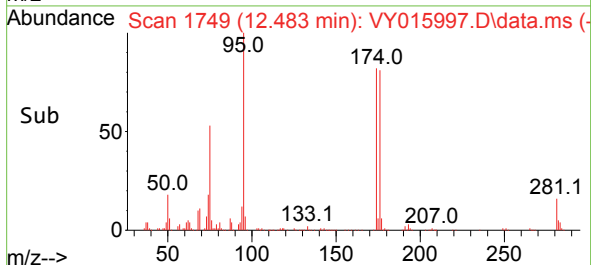
Tgt Ion:107 Resp: 43401
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

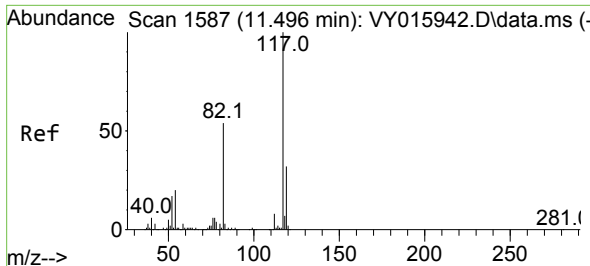


#62
4-Bromofluorobenzene
Concen: 43.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43



Tgt Ion: 95 Resp: 113248
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.5 0.0 173.8

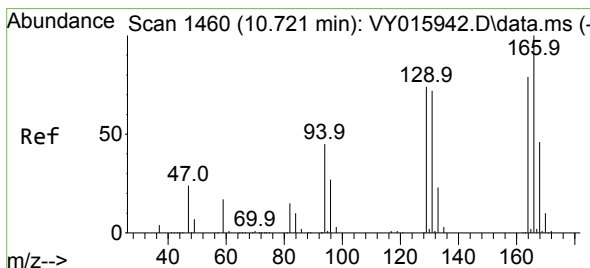
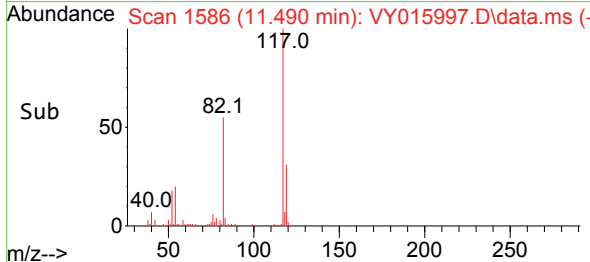
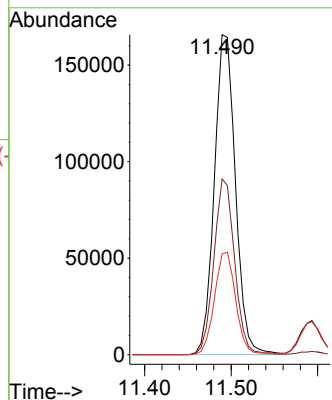
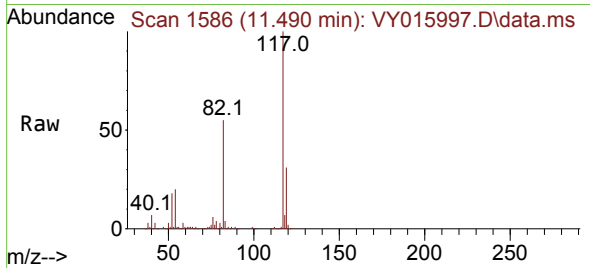




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

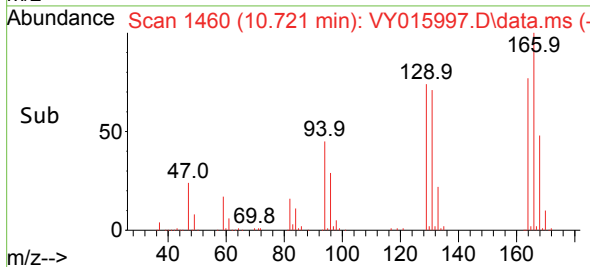
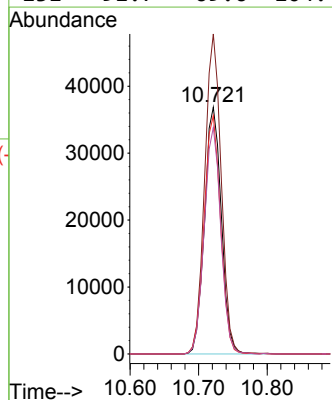
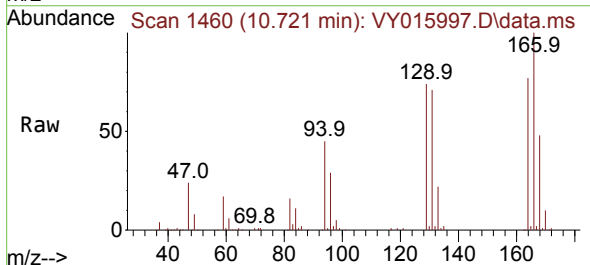
Instrument :
MSVOA_Y
ClientSampleId :

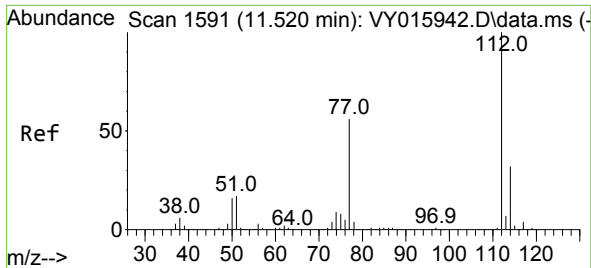
Tgt Ion:117 Resp: 281049
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 25.707 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion:164 Resp: 62981
Ion Ratio Lower Upper
164 100
166 129.7 103.0 154.6
129 96.5 77.2 115.8
131 91.7 69.6 104.4

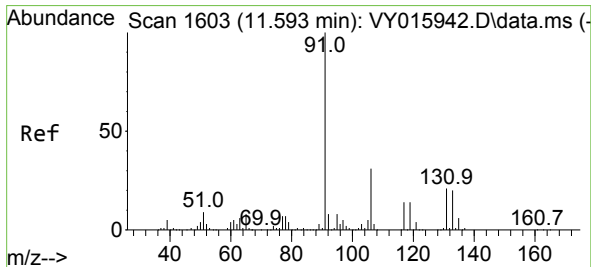
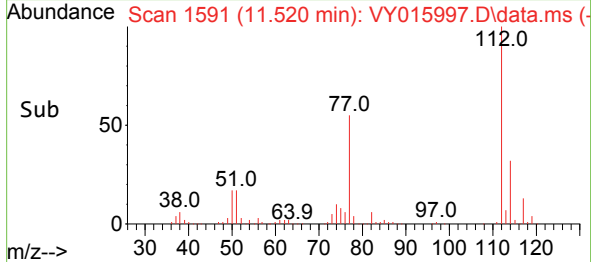
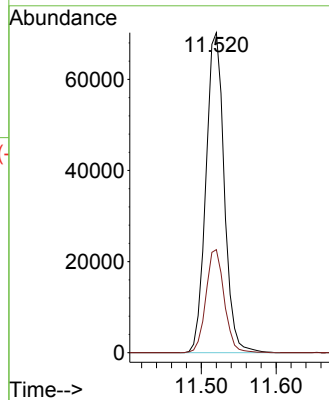
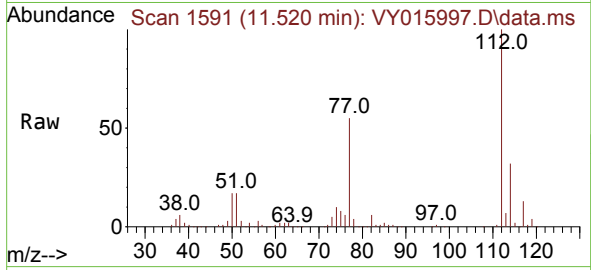




#65
Chlorobenzene
Concen: 20.263 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

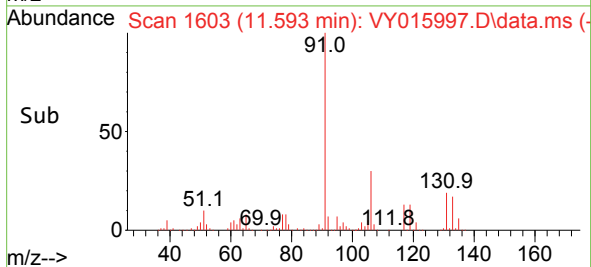
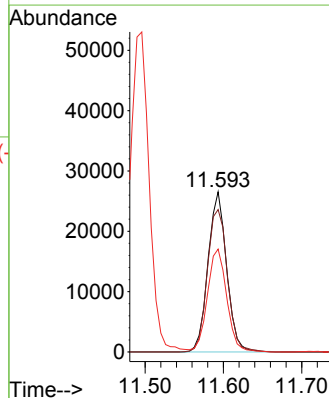
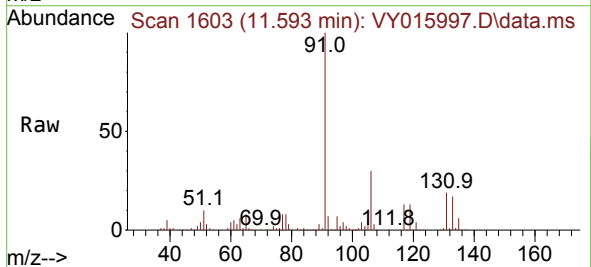
Instrument :
MSVOA_Y
ClientSampleId :

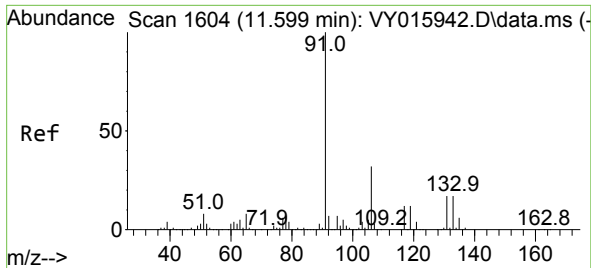
Tgt Ion:112 Resp: 119321
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.071 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion:131 Resp: 43752
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.664 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

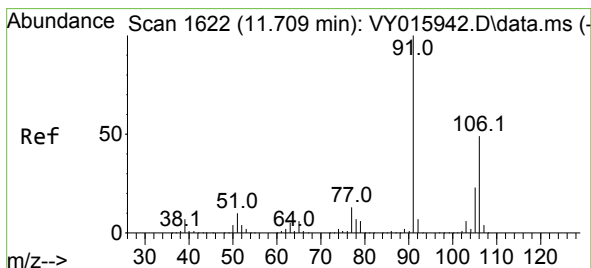
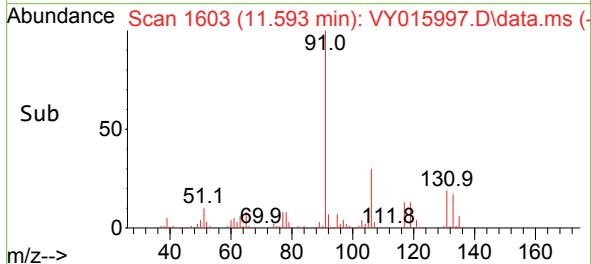
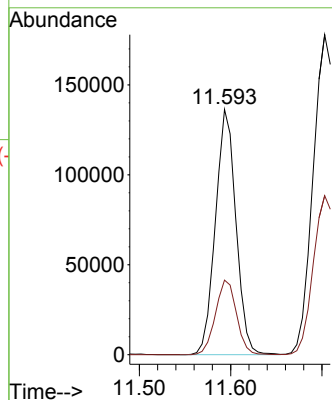
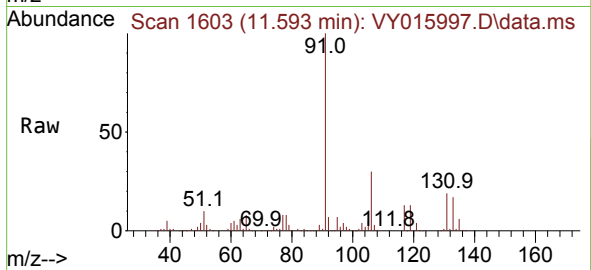
ClientSampleId :

Tgt Ion: 91 Resp: 212770

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 41.523 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY015997.D

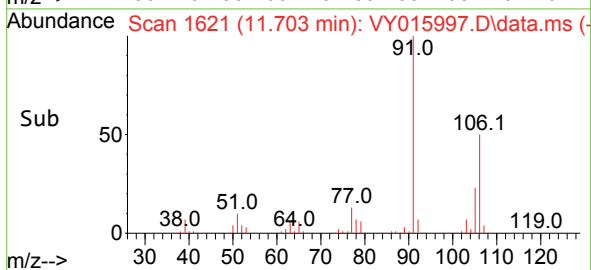
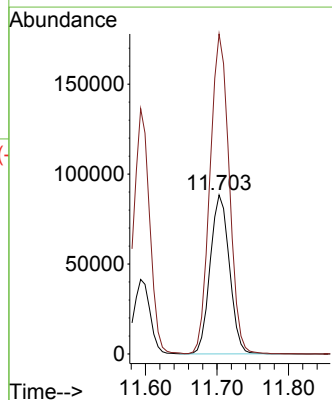
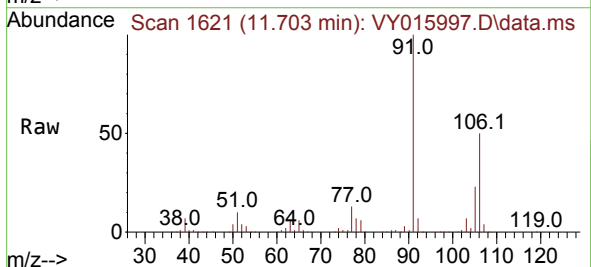
Acq: 17 Oct 2023 11:43

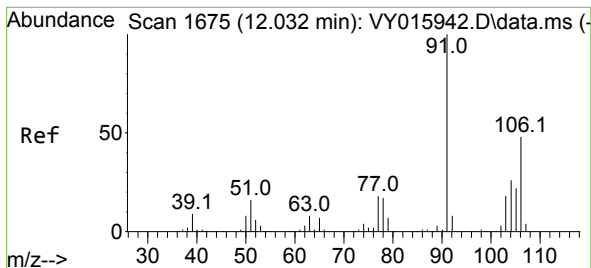
Tgt Ion:106 Resp: 165001

Ion Ratio Lower Upper

106 100

91 201.0 166.1 249.1





#69

o-Xylene

Concen: 20.481 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

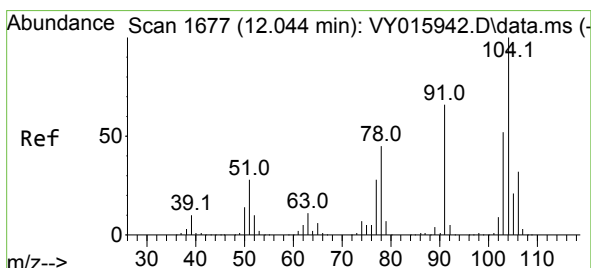
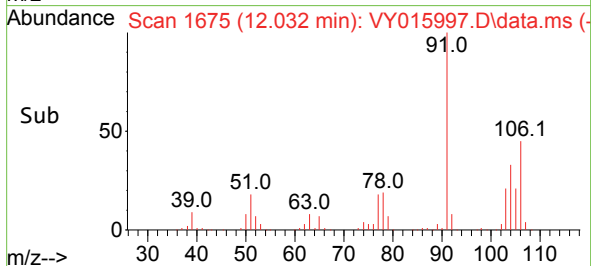
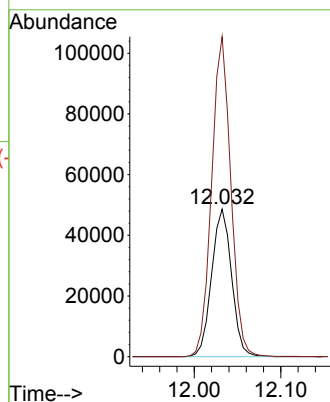
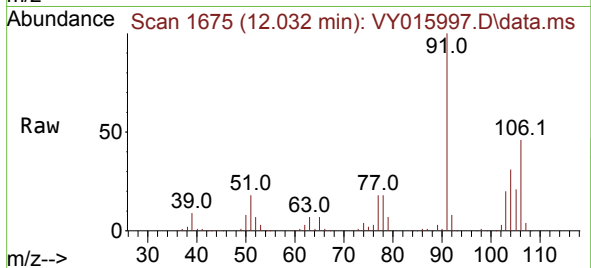
ClientSampleId :

Tgt Ion:106 Resp: 77808

Ion Ratio Lower Upper

106 100

91 208.7 108.1 324.3



#70

Styrene

Concen: 20.367 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

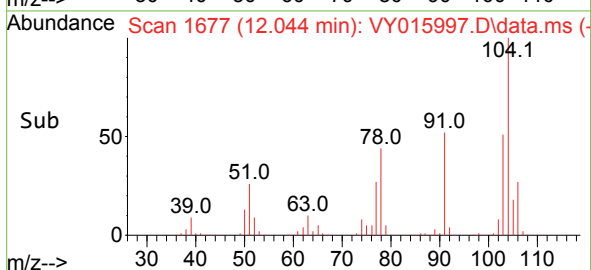
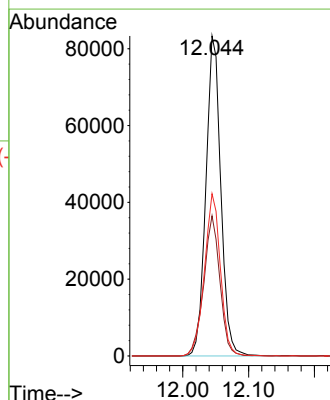
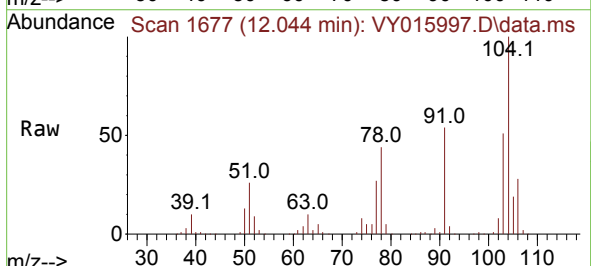
Tgt Ion:104 Resp: 131682

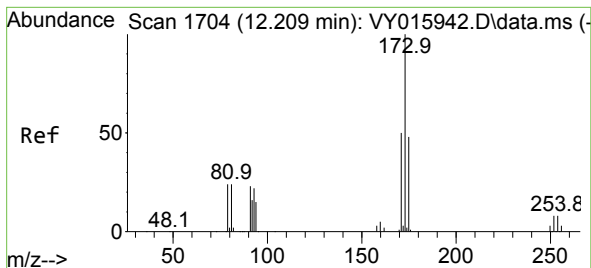
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 18.418 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015997.D

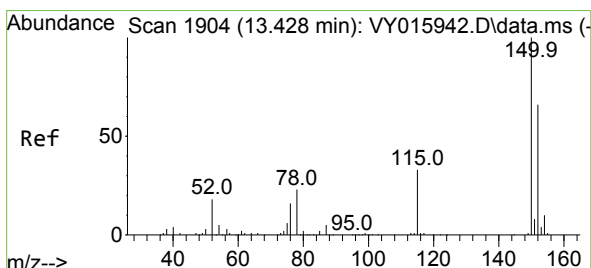
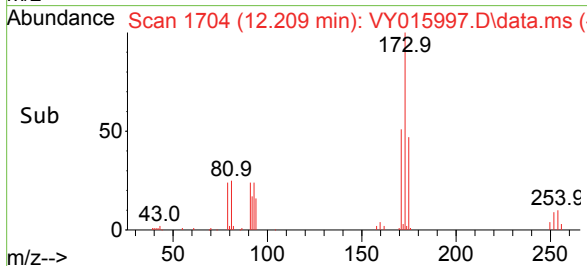
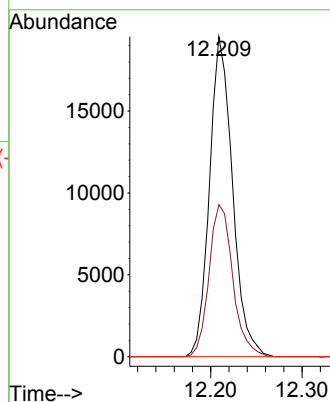
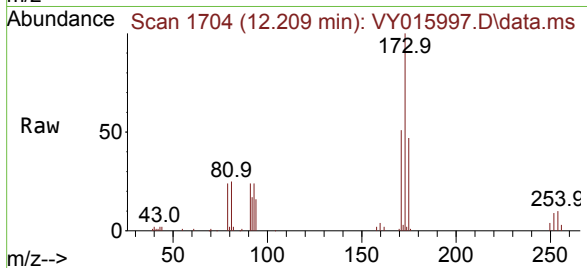
Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	34190
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

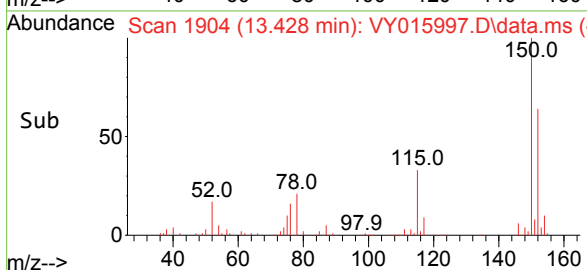
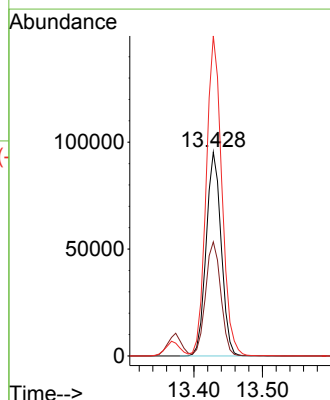
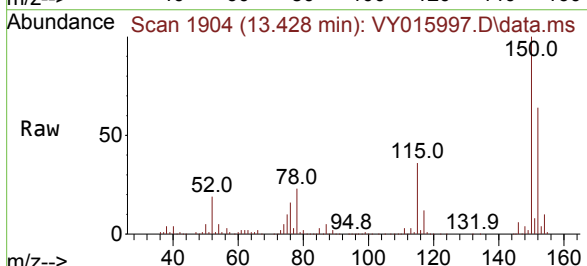
RT: 13.428 min Scan# 1904

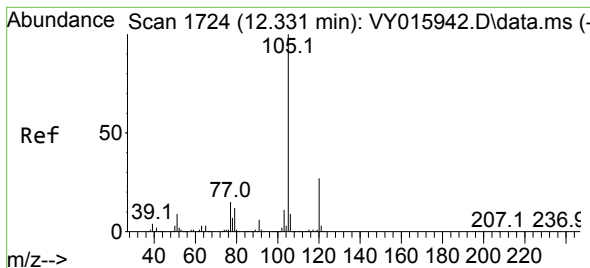
Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Tgt Ion:152	Resp:	145392
Ion Ratio	Lower	Upper
152	100	
115	56.9	28.8 86.5
150	163.4	0.0 348.8





#73

Isopropylbenzene

Concen: 20.320 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

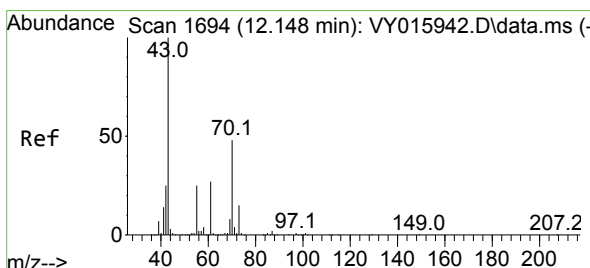
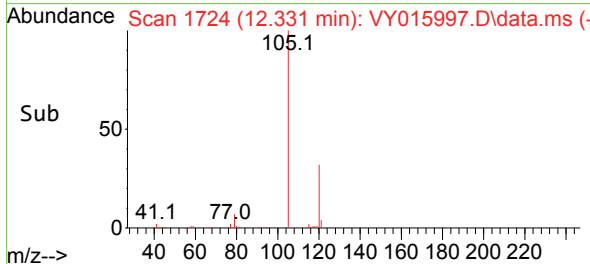
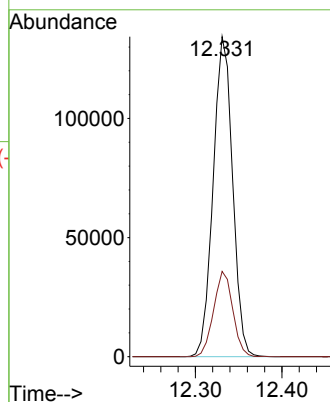
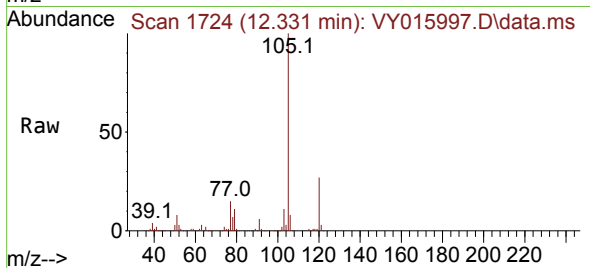
ClientSampleId :

Tgt Ion:105 Resp: 209148

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 16.764 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Tgt Ion: 43 Resp: 69707

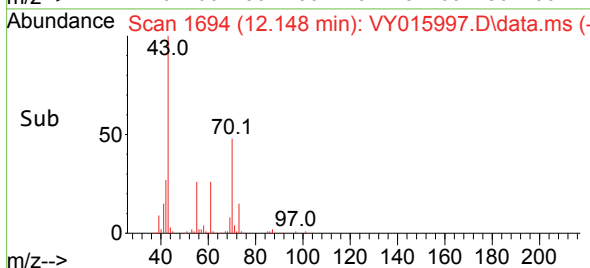
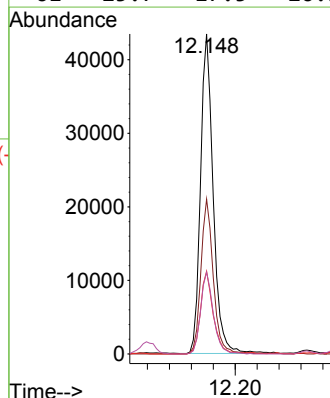
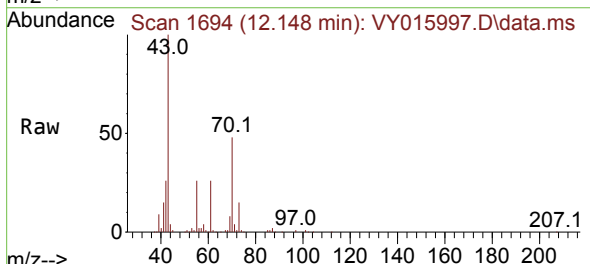
Ion Ratio Lower Upper

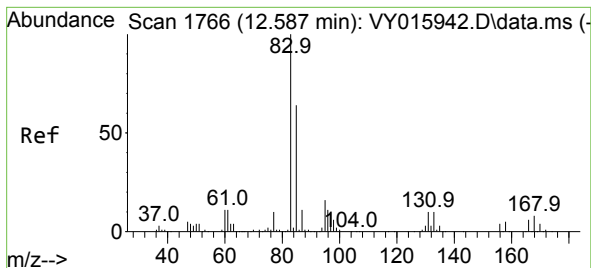
43 100

70 47.6 29.7 44.5#

55 26.1 18.3 27.5

61 25.7 17.5 26.3

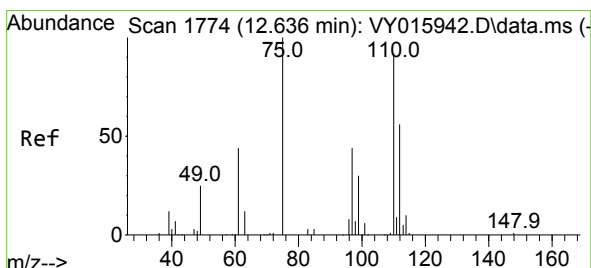
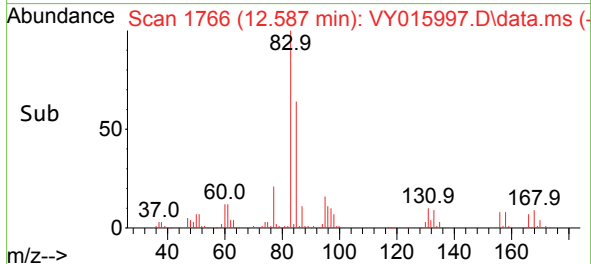
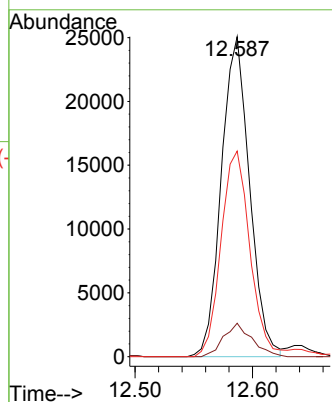
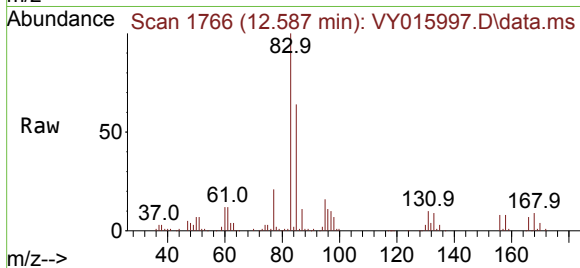




#75
1,1,2,2-Tetrachloroethane
Concen: 13.238 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

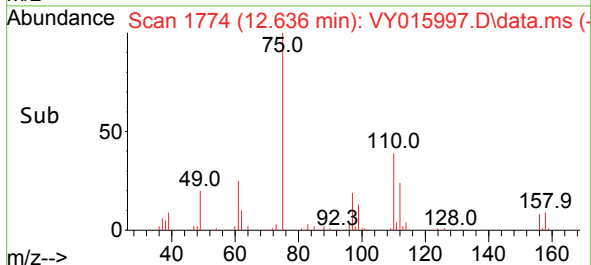
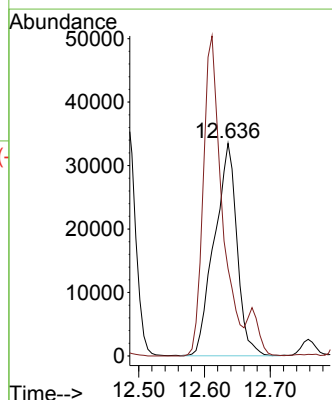
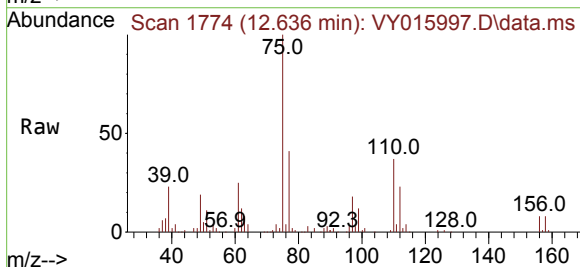
Instrument :
MSVOA_Y
ClientSampleId :

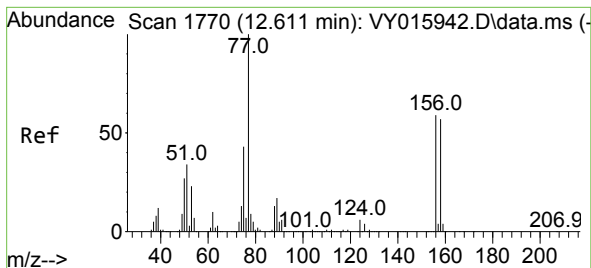
Tgt Ion: 83 Resp: 41851
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 66.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 28.217 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 75 Resp: 80288
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.747 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015997.D

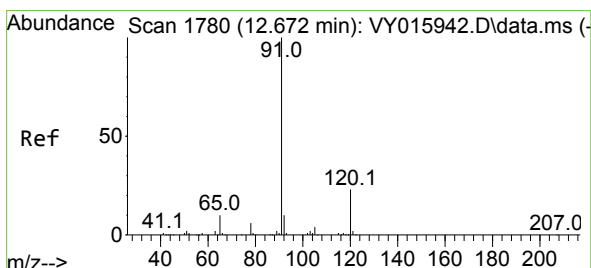
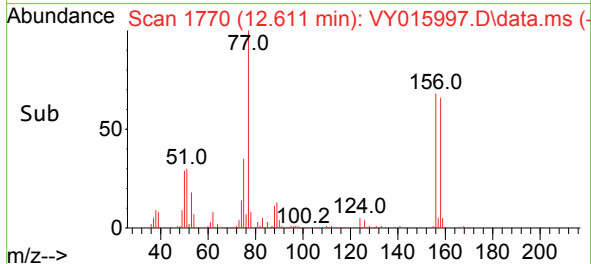
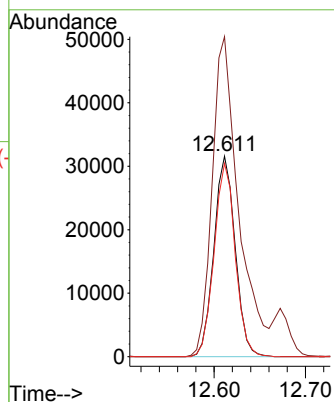
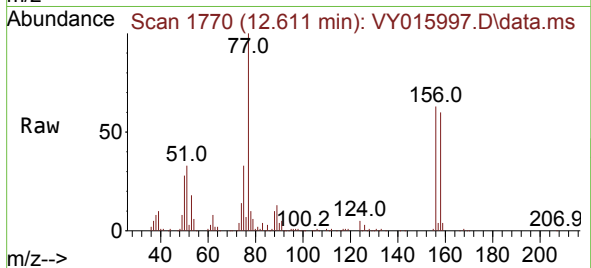
Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	51023
Ion	Ratio	Lower	Upper
156	100		
77	198.0	92.8	278.6
158	95.9	48.4	145.3



#78

n-propylbenzene

Concen: 20.744 ug/l

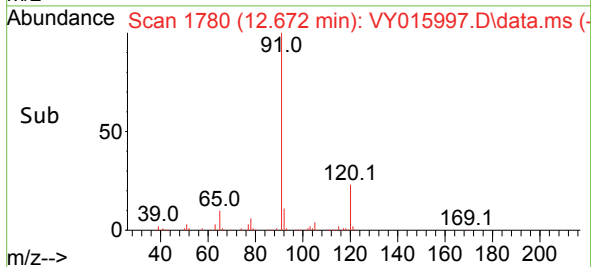
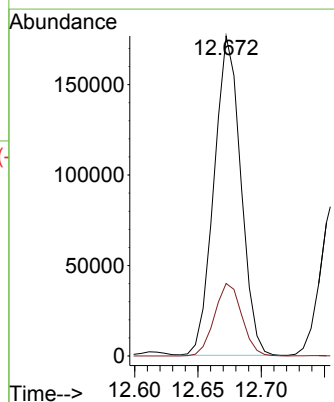
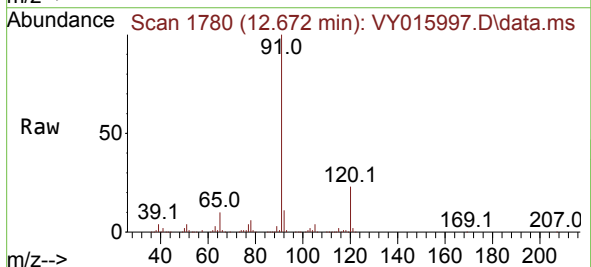
RT: 12.672 min Scan# 1780

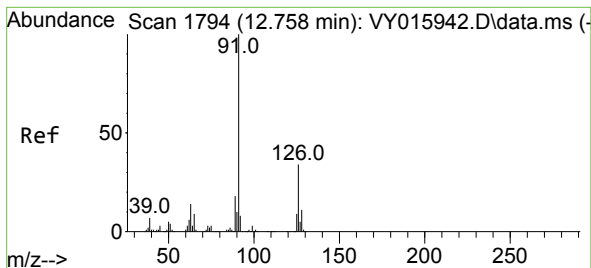
Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Tgt Ion:	91	Resp:	259631
Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.120 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

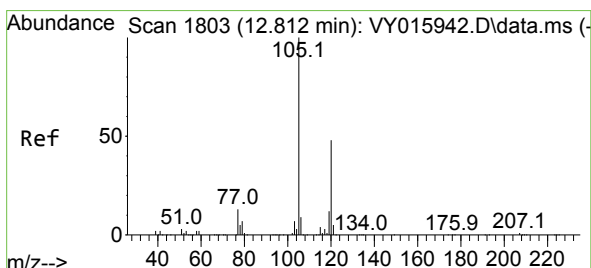
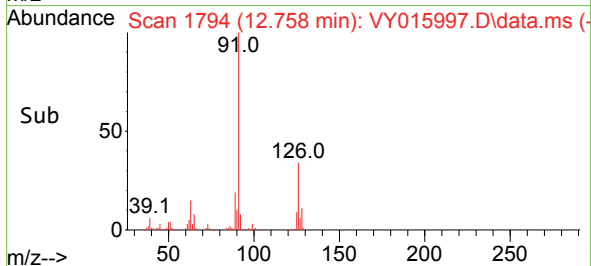
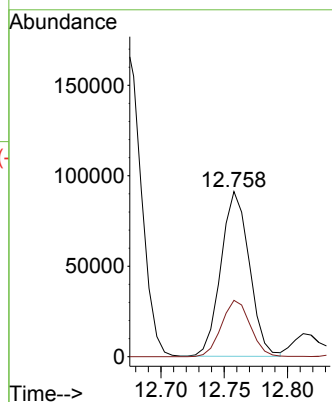
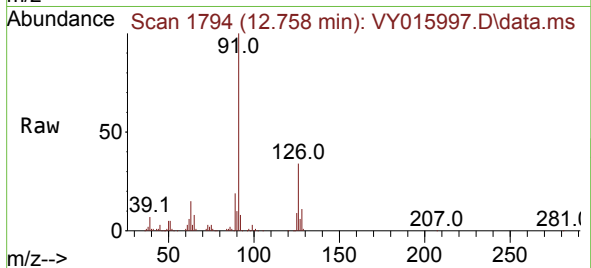
ClientSampleId :

Tgt Ion: 91 Resp: 142436

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.510 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015997.D

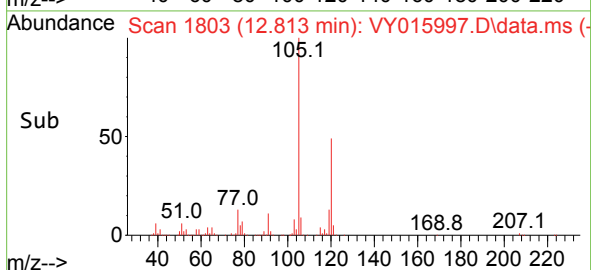
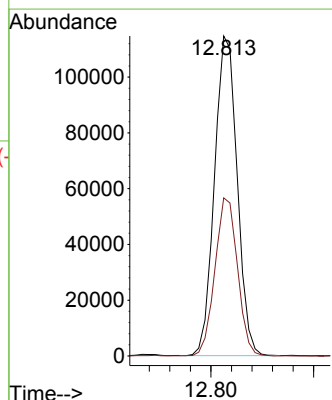
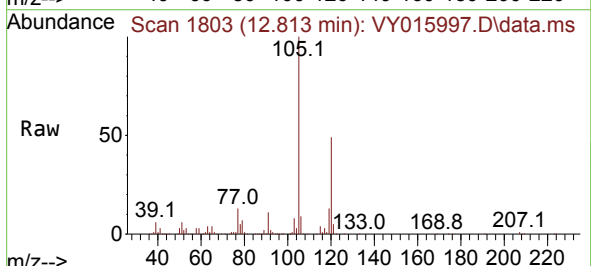
Acq: 17 Oct 2023 11:43

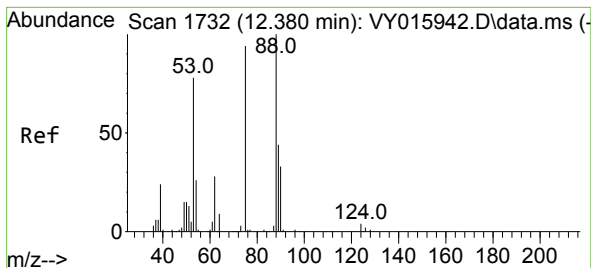
Tgt Ion:105 Resp: 175383

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

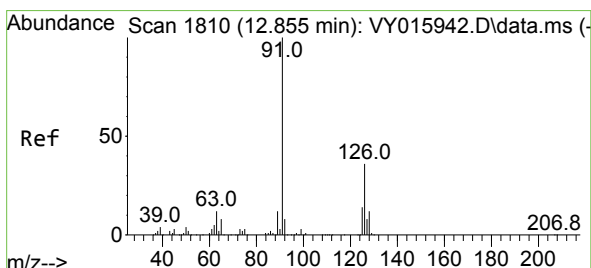
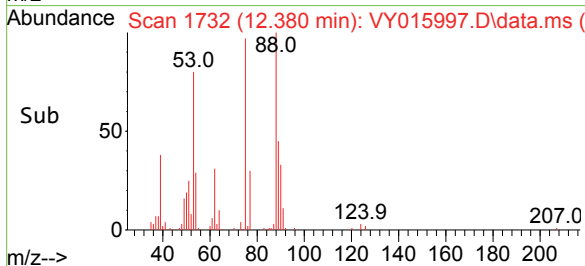
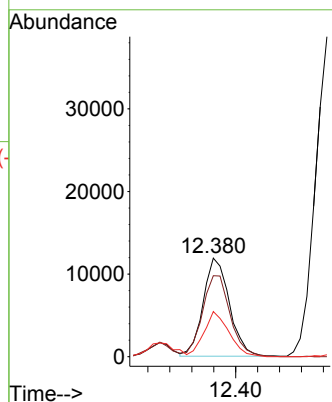
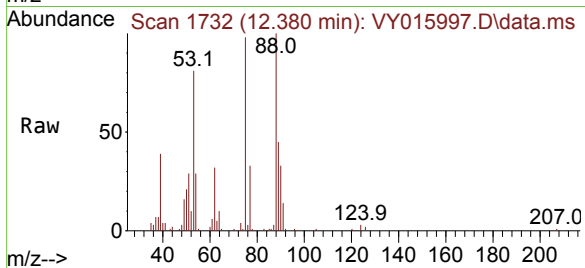




#81
trans-1,4-Dichloro-2-butene
Concen: 16.334 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

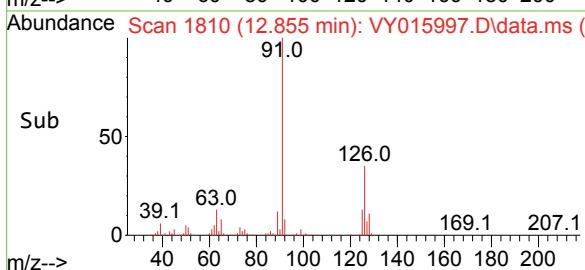
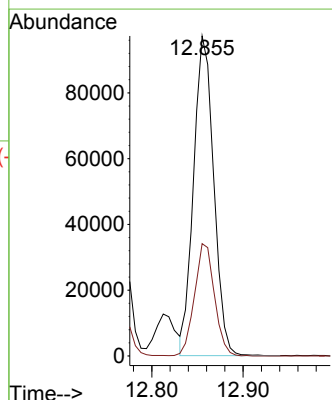
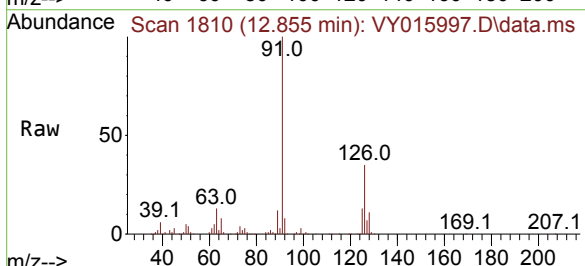
Instrument :
MSVOA_Y
ClientSampleId :

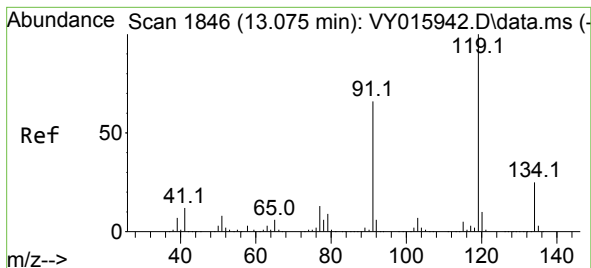
Tgt Ion: 75 Resp: 19729
Ion Ratio Lower Upper
75 100
53 87.7 77.8 116.8
89 43.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.471 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 91 Resp: 148940
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.045 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

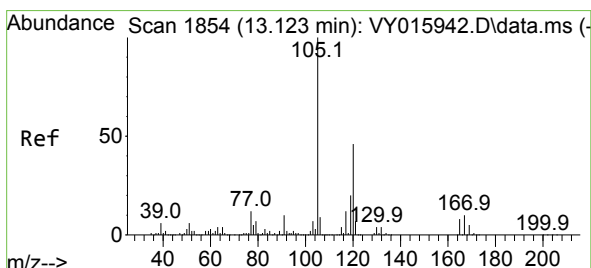
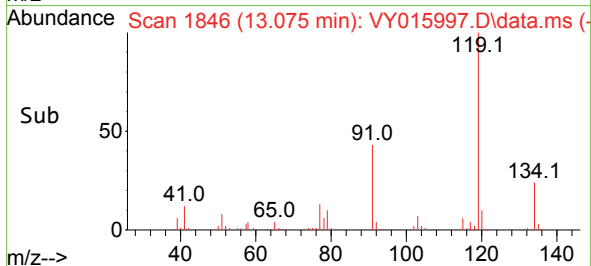
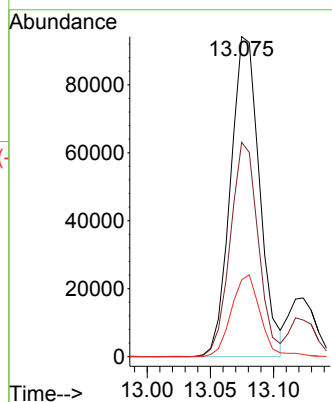
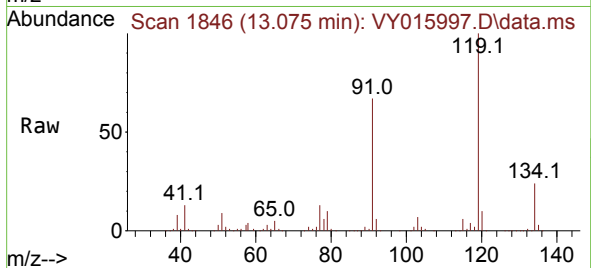
Tgt Ion:119 Resp: 150613

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.325 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015997.D

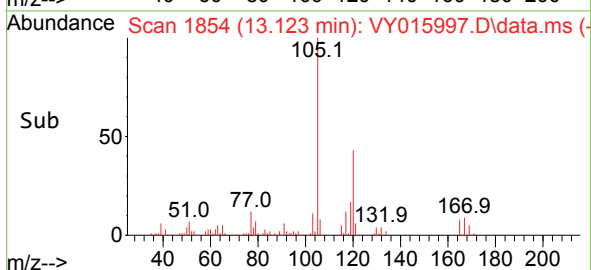
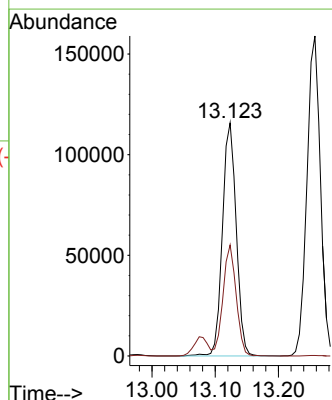
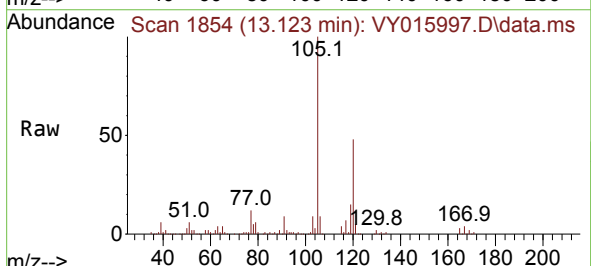
Acq: 17 Oct 2023 11:43

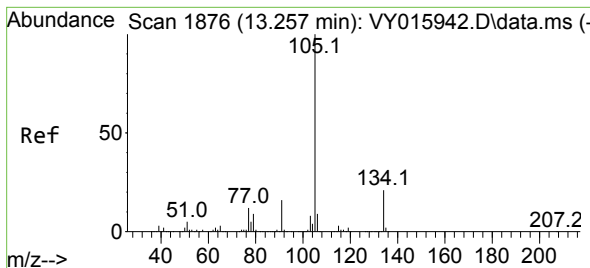
Tgt Ion:105 Resp: 174462

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.031 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

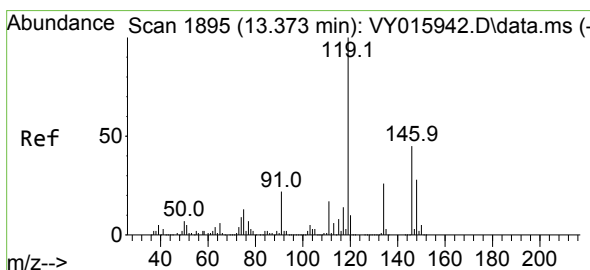
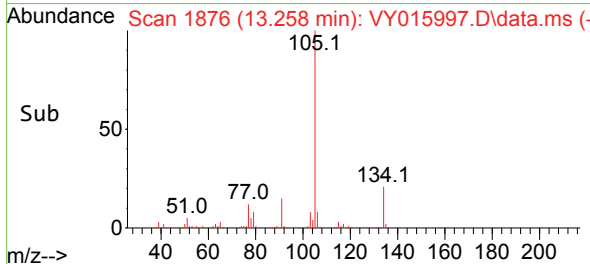
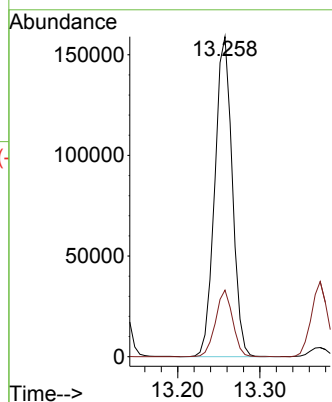
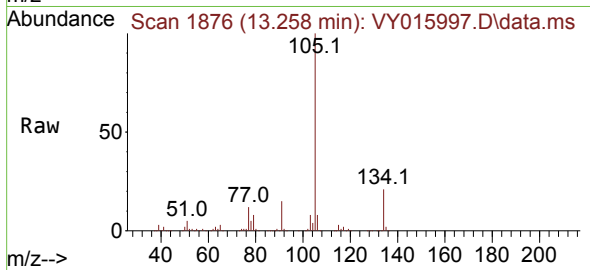
ClientSampleId :

Tgt Ion:105 Resp: 234520

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.676 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

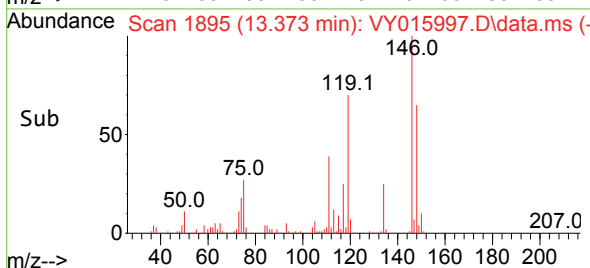
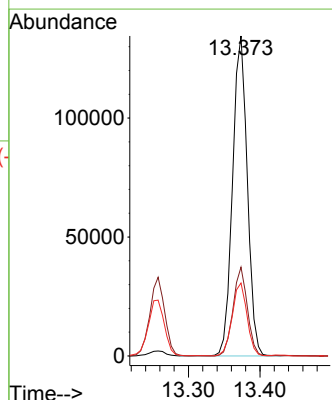
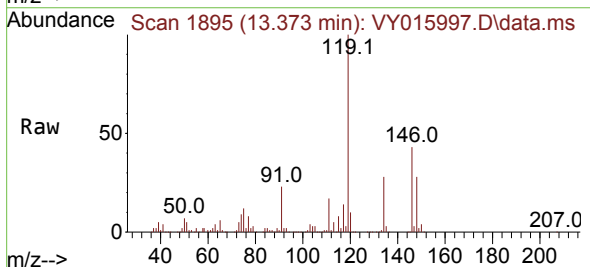
Tgt Ion:119 Resp: 192672

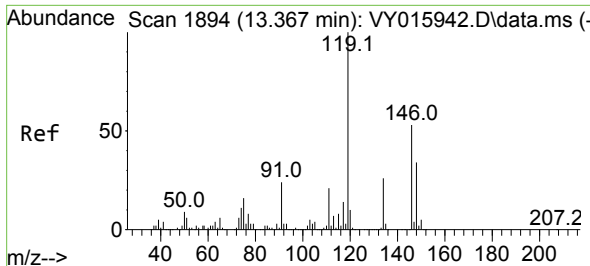
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

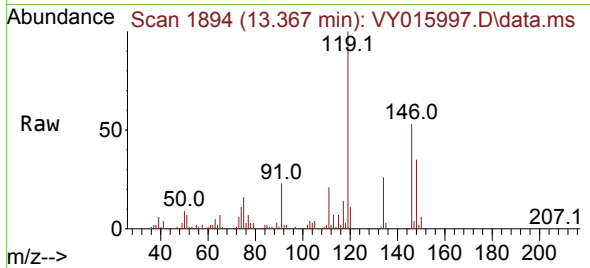
91 22.8 12.4 37.4



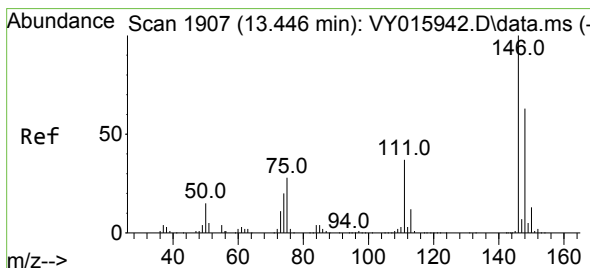
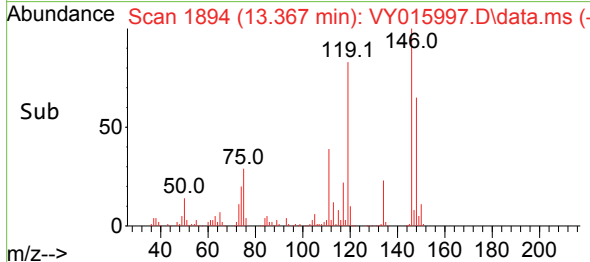
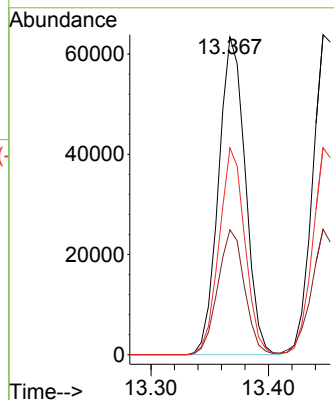


#87
 1,3-Dichlorobenzene
 Concen: 20.170 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :

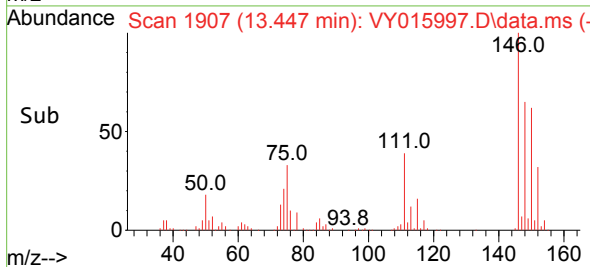
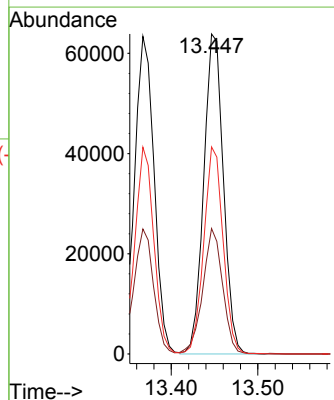
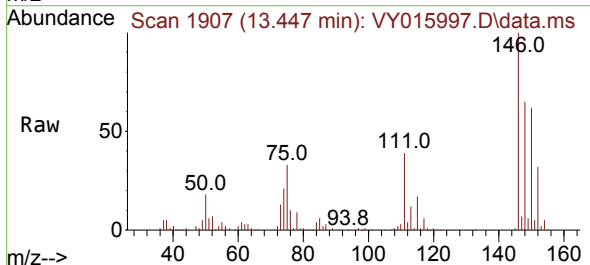


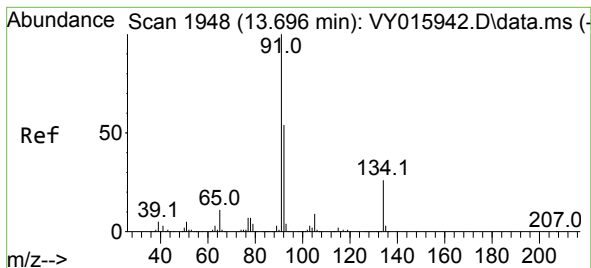
Tgt Ion:146 Resp: 100085
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 63.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.081 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015997.D
 Acq: 17 Oct 2023 11:43

Tgt Ion:146 Resp: 100621
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.7
 148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.661 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

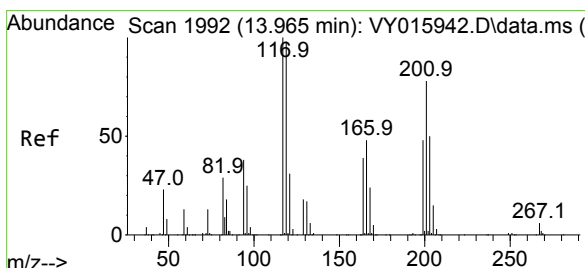
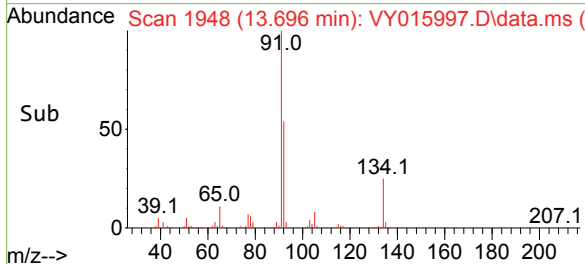
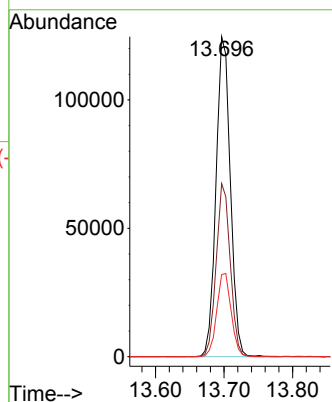
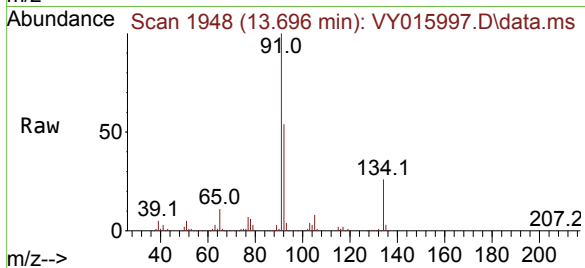
Tgt Ion: 91 Resp: 181049

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 20.038 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015997.D

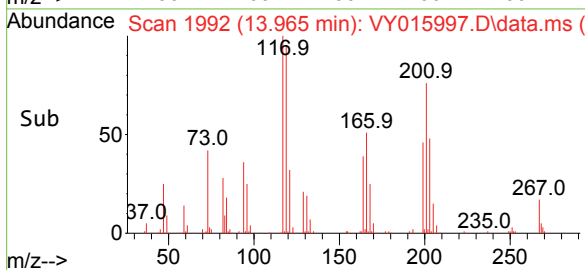
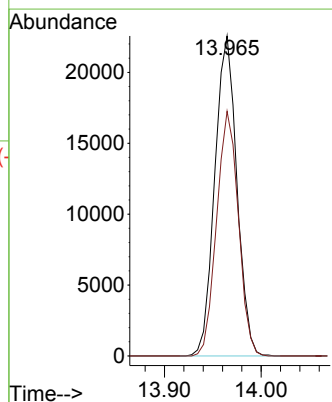
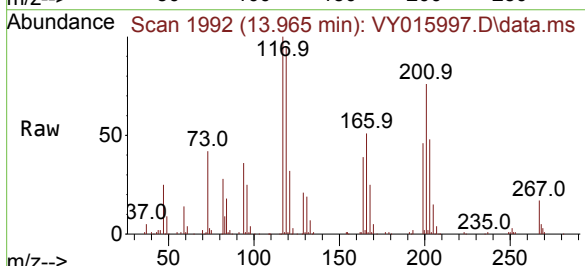
Acq: 17 Oct 2023 11:43

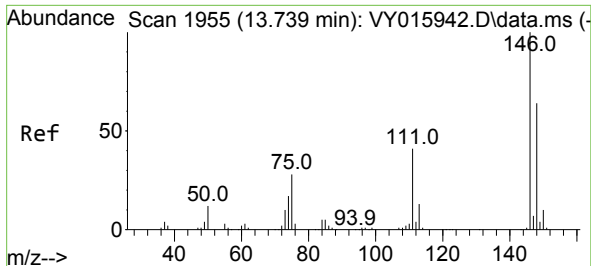
Tgt Ion: 117 Resp: 35789

Ion Ratio Lower Upper

117 100

201 75.2 41.6 124.8

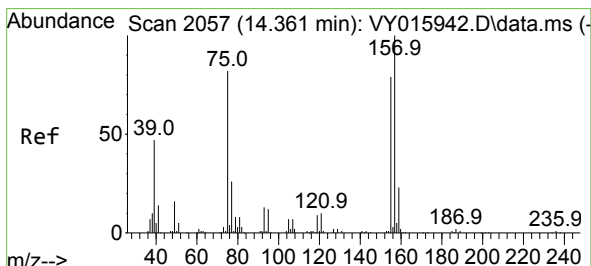
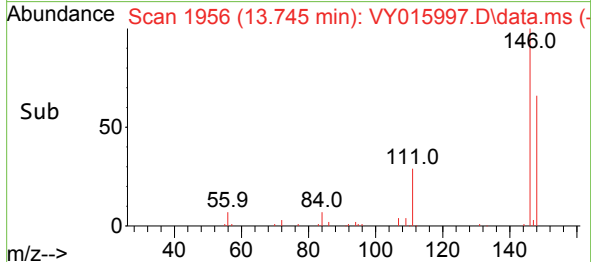
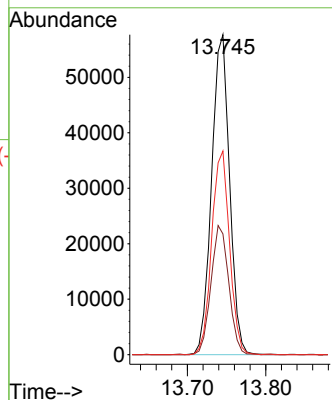
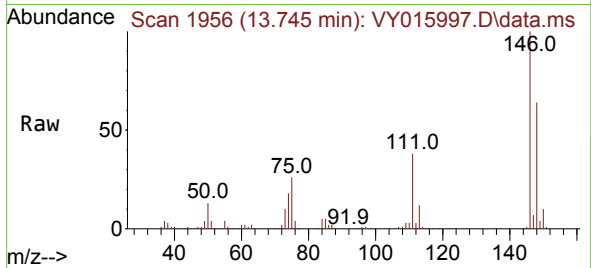




#91
1,2-Dichlorobenzene
Concen: 19.707 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

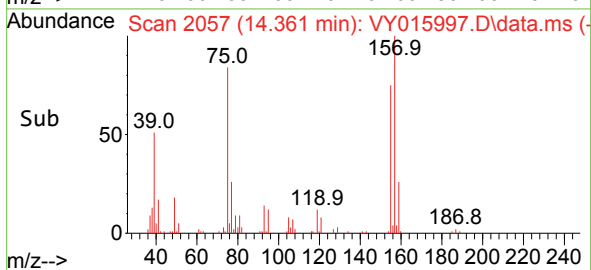
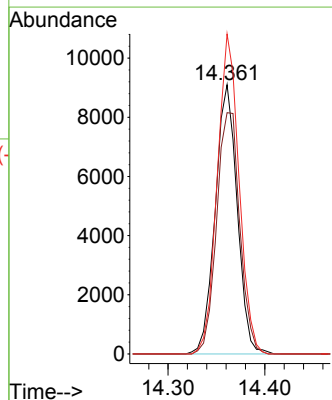
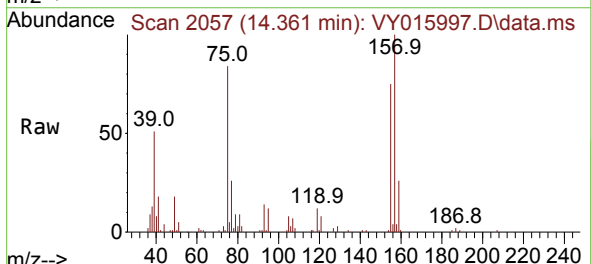
Instrument :
MSVOA_Y
ClientSampleId :

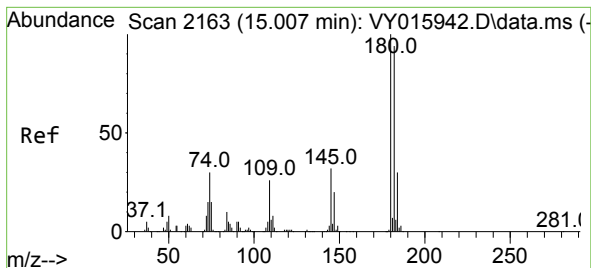
Tgt Ion:146 Resp: 91746
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.837 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015997.D
Acq: 17 Oct 2023 11:43

Tgt Ion: 75 Resp: 14322
Ion Ratio Lower Upper
75 100
155 94.6 41.5 124.6
157 117.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 17.587 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

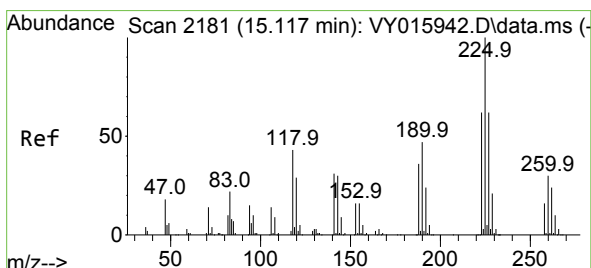
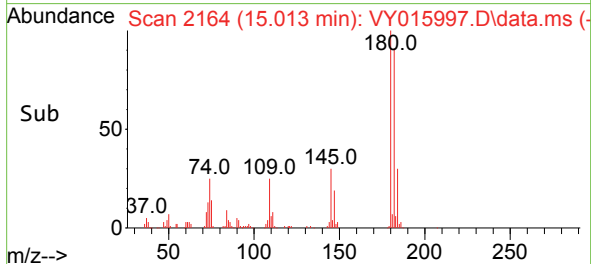
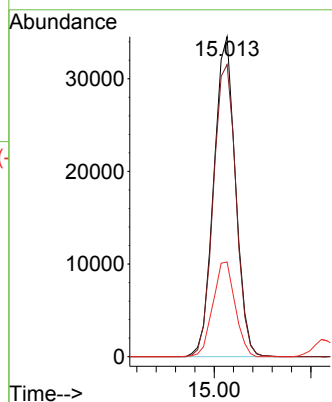
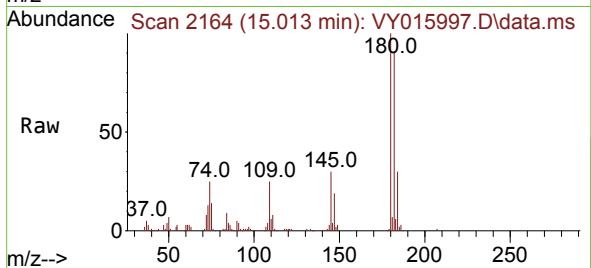
Tgt Ion:180 Resp: 53817

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.141 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

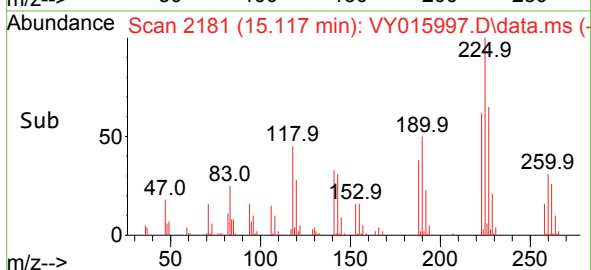
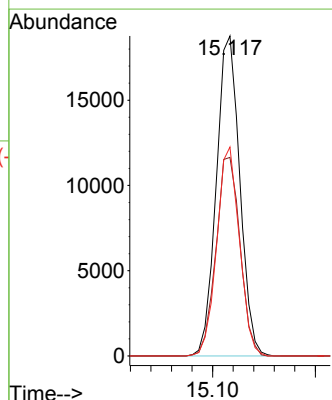
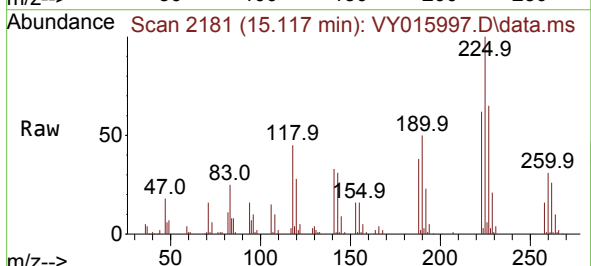
Tgt Ion:225 Resp: 29739

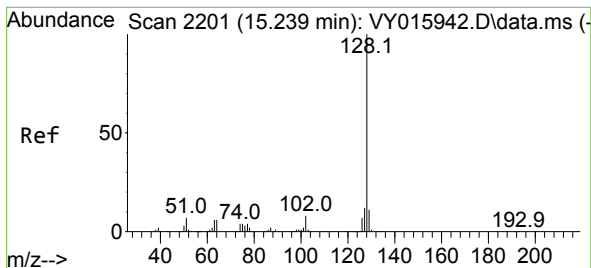
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 15.878 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

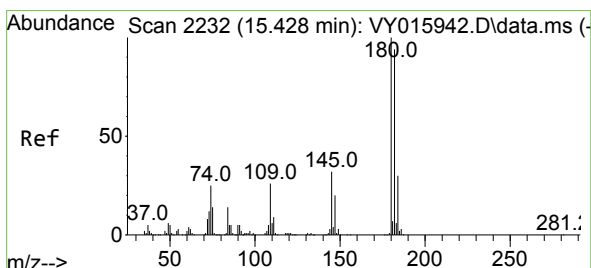
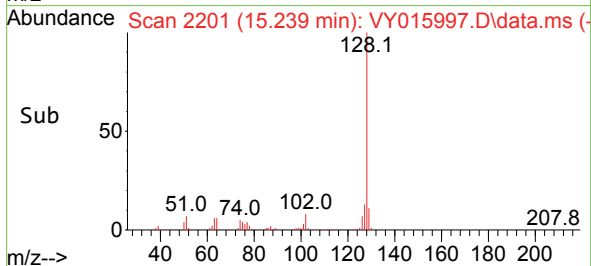
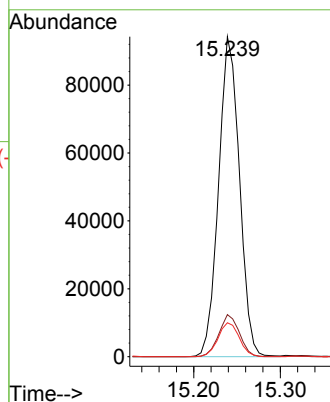
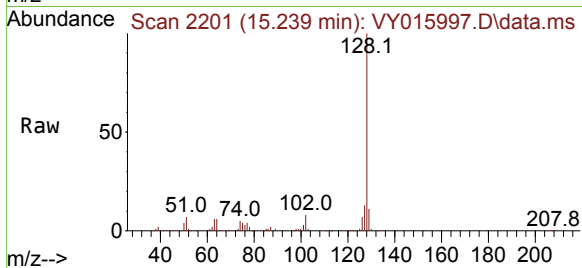
Tgt Ion:128 Resp: 157623

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.116 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015997.D

Acq: 17 Oct 2023 11:43

Tgt Ion:180 Resp: 50212

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 32.6 15.4 46.2

