

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016514.D
 Acq On : 28 Nov 2023 12:23
 Operator : SY/MD
 Sample : VY1128SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	148149	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	225574	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	191623	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	89800	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61787	45.632	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.260%
35) Dibromofluoromethane	7.746	113	72997	56.966	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.940%
50) Toluene-d8	10.203	98	266433	51.273	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.502	95	87959	52.118	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.918	85	34220	23.590	ug/l	100
3) Chloromethane	2.131	50	33819	19.906	ug/l	97
4) Vinyl Chloride	2.272	62	37684	20.628	ug/l	99
5) Bromomethane	2.674	94	24016	20.004	ug/l	92
6) Chloroethane	2.820	64	22803	19.562	ug/l	98
7) Trichlorofluoromethane	3.150	101	62286	23.435	ug/l	98
8) Diethyl Ether	3.558	74	16322	20.547	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.930	101	35711	22.308	ug/l	97
10) Methyl Iodide	4.125	142	38970	22.540	ug/l	98
11) Tert butyl alcohol	4.991	59	8941	84.325	ug/l #	92
12) 1,1-Dichloroethene	3.906	96	32590	21.769	ug/l #	80
13) Acrolein	3.753	56	7465	58.370	ug/l	99
14) Allyl chloride	4.509	41	37662	17.728	ug/l #	88
15) Acrylonitrile	5.198	53	28504	90.420	ug/l	97
16) Acetone	3.973	43	25246	112.719	ug/l #	85
17) Carbon Disulfide	4.229	76	91980	20.363	ug/l	99
18) Methyl Acetate	4.515	43	20202	16.975	ug/l #	83
19) Methyl tert-butyl Ether	5.259	73	68777	18.981	ug/l	97
20) Methylene Chloride	4.753	84	36794	21.253	ug/l #	78
21) trans-1,2-Dichloroethene	5.259	96	36646	21.260	ug/l	89
22) Diisopropyl ether	6.155	45	80398	17.560	ug/l #	84
23) Vinyl Acetate	6.094	43	185671	83.692	ug/l #	87
24) 1,1-Dichloroethane	6.052	63	55958	19.811	ug/l #	97
25) 2-Butanone	7.015	43	38025	96.929	ug/l #	85
26) 2,2-Dichloropropane	7.015	77	53921	20.975	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	39740	21.393	ug/l	85
28) Bromochloromethane	7.362	49	18261	17.468	ug/l #	70
29) Tetrahydrofuran	7.381	42	21779	83.993	ug/l #	81
30) Chloroform	7.533	83	63009	21.431	ug/l	98
31) Cyclohexane	7.819	56	50640	18.996	ug/l #	80
32) 1,1,1-Trichloroethane	7.734	97	59902	22.227	ug/l	95
36) 1,1-Dichloropropene	7.948	75	48909	21.981	ug/l	98
37) Ethyl Acetate	7.106	43	14962	16.643	ug/l #	90
38) Carbon Tetrachloride	7.929	117	56547	24.487	ug/l	97
39) Methylcyclohexane	9.209	83	61613	22.223	ug/l #	88
40) Benzene	8.185	78	138806	22.204	ug/l	99

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 ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	6521	14.386	ug/l #	72
42) 1,2-Dichloroethane	8.265	62	33511	20.689	ug/l	91
43) Isopropyl Acetate	8.301	43	30391	17.488	ug/l #	84
44) Trichloroethene	8.966	130	41585	23.146	ug/l	92
45) 1,2-Dichloropropane	9.240	63	30789	20.508	ug/l	94
46) Dibromomethane	9.331	93	17091	21.008	ug/l	98
47) Bromodichloromethane	9.520	83	45452	21.731	ug/l	97
48) Methyl methacrylate	9.313	41	16690	17.378	ug/l #	78
49) 1,4-Dioxane	9.319	88	3236	374.659	ug/l #	65
51) 4-Methyl-2-Pentanone	10.093	43	77291	87.954	ug/l #	86
52) Toluene	10.264	92	87768	22.211	ug/l	96
53) t-1,3-Dichloropropene	10.484	75	41631	20.532	ug/l	97
54) cis-1,3-Dichloropropene	9.953	75	50977	21.049	ug/l #	85
55) 1,1,2-Trichloroethane	10.667	97	24610	21.947	ug/l	96
56) Ethyl methacrylate	10.532	69	20887	19.732	ug/l #	75
57) 1,3-Dichloropropane	10.813	76	40996	21.448	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	63560	88.555	ug/l #	88
59) 2-Hexanone	10.849	43	62373	95.423	ug/l	81
60) Dibromochloromethane	11.008	129	32595	23.242	ug/l	100
61) 1,2-Dibromoethane	11.112	107	23311	21.820	ug/l	98
64) Tetrachloroethene	10.740	164	42214	24.535	ug/l	97
65) Chlorobenzene	11.538	112	94126	22.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	35982	23.829	ug/l	98
67) Ethyl Benzene	11.611	91	167388	22.750	ug/l	97
68) m/p-Xylenes	11.721	106	130347	46.707	ug/l	92
69) o-Xylene	12.050	106	60042	23.173	ug/l	93
70) Styrene	12.063	104	84643	22.814	ug/l	98
71) Bromoform	12.227	173	18929	24.158	ug/l #	98
73) Isopropylbenzene	12.349	105	165286	22.730	ug/l	98
74) N-amyl acetate	12.166	43	23945	16.393	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.599	83	24652	21.127	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	32230	37.414	ug/l #	100
77) Bromobenzene	12.630	156	38282	23.293	ug/l	87
78) n-propylbenzene	12.691	91	190946	22.219	ug/l	97
79) 2-Chlorotoluene	12.776	91	104222	22.006	ug/l	96
80) 1,3,5-Trimethylbenzene	12.831	105	133176	22.715	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	8412	21.196	ug/l #	85
82) 4-Chlorotoluene	12.873	91	106557	21.774	ug/l	97
83) tert-Butylbenzene	13.093	119	118312	22.910	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	130629	22.628	ug/l	97
85) sec-Butylbenzene	13.270	105	168527	22.843	ug/l	99
86) p-Isopropyltoluene	13.392	119	145258	22.866	ug/l	98
87) 1,3-Dichlorobenzene	13.386	146	71338	22.562	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	69882	22.614	ug/l	99
89) n-Butylbenzene	13.715	91	127690	21.765	ug/l	96
90) Hexachloroethane	13.983	117	27792	22.679	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	61069	22.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3529	19.009	ug/l	84
93) 1,2,4-Trichlorobenzene	15.026	180	31456	19.890	ug/l	98
94) Hexachlorobutadiene	15.129	225	21328	23.539	ug/l	97
95) Naphthalene	15.257	128	52262	18.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	25076	19.170	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

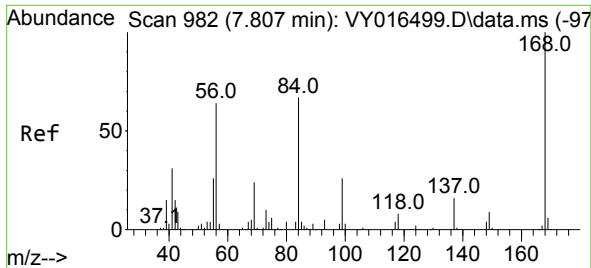
Quant Time: Nov 29 03:06:30 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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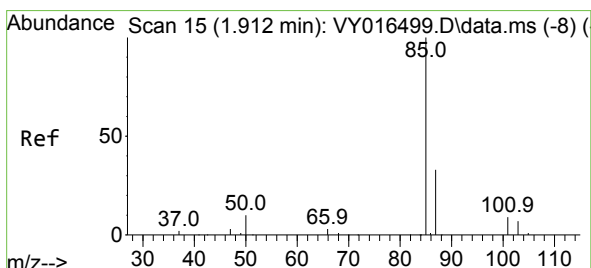
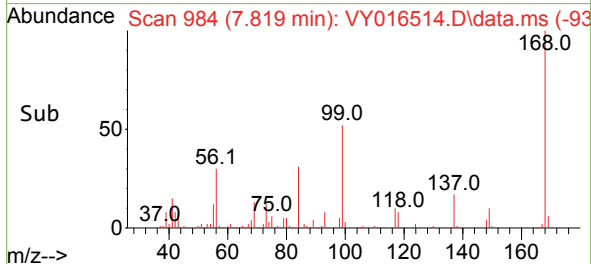
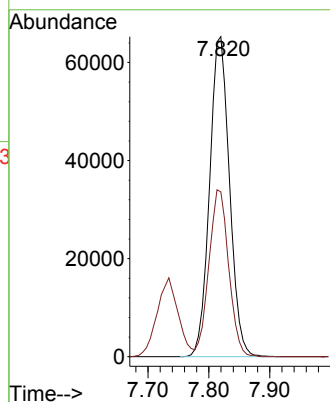
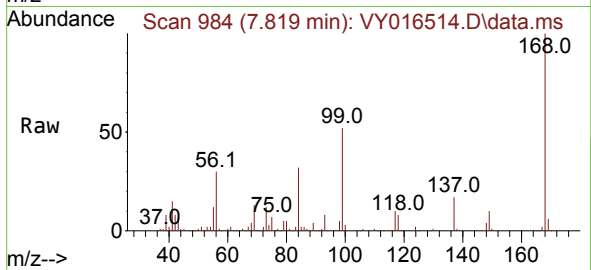




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 9
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

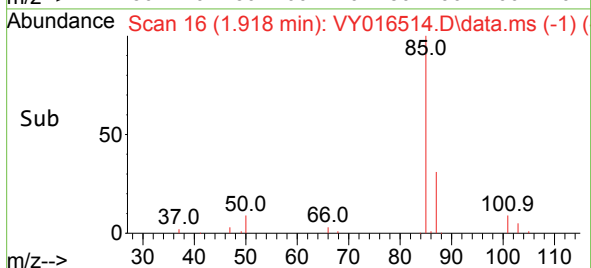
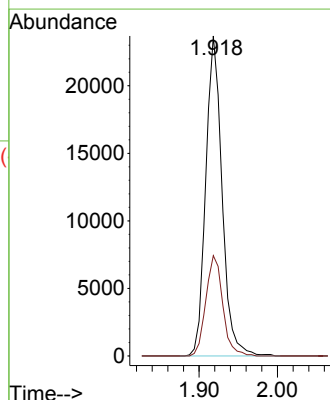
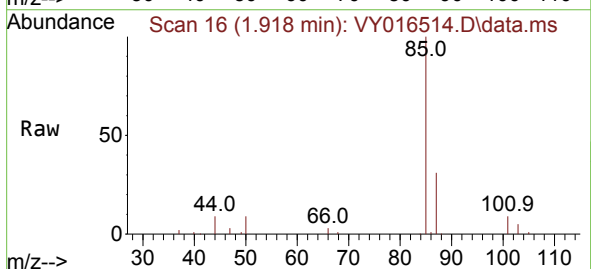
Instrument :
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ClientSampleId :

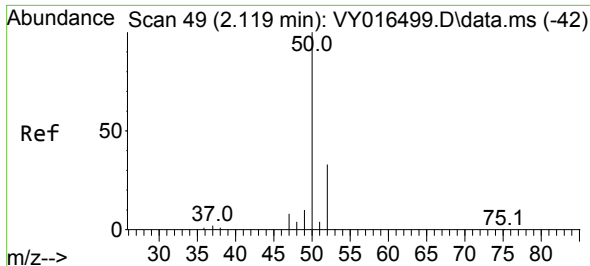
Tgt Ion:168 Resp: 148149
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.590 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 85 Resp: 34220
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8

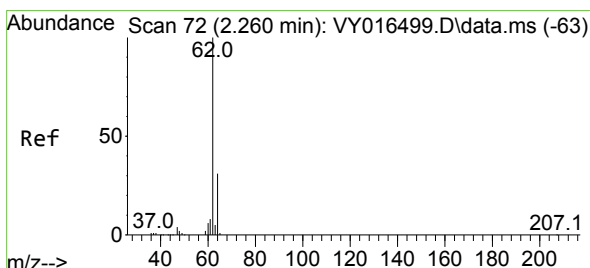
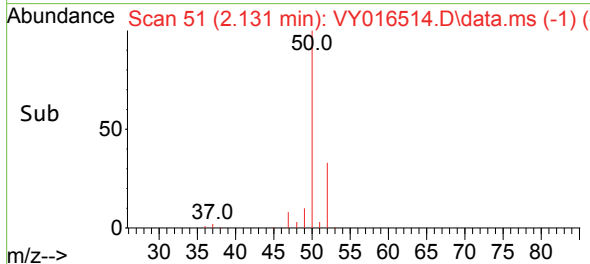
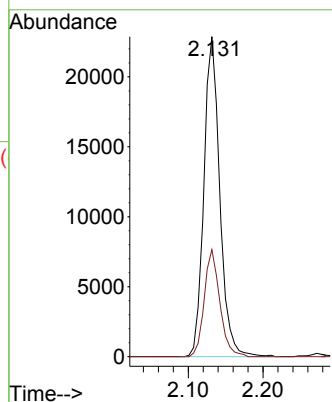
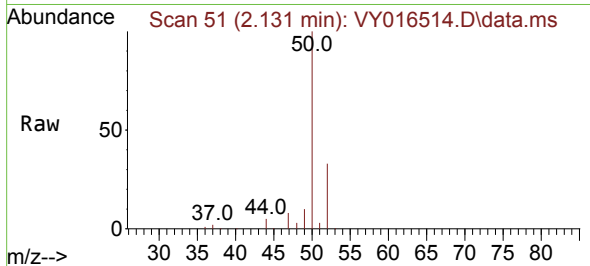




#3
Chloromethane
Concen: 19.906 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

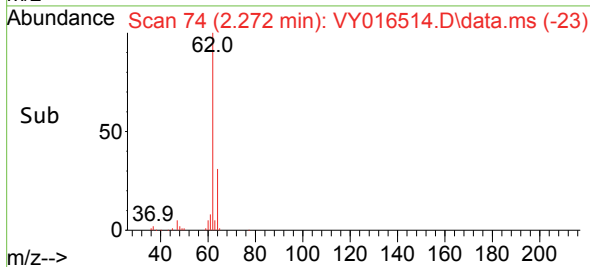
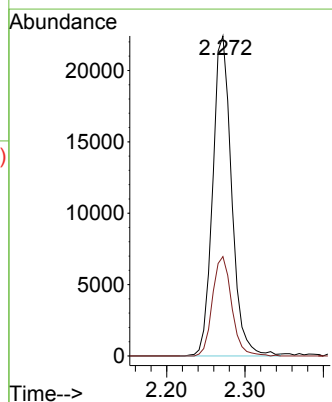
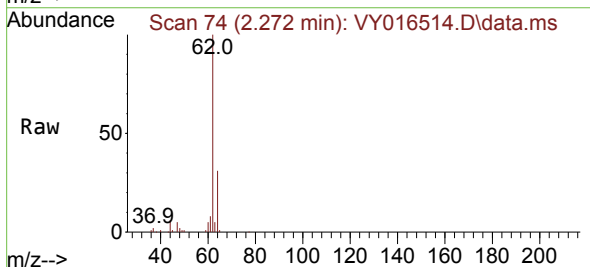
Instrument :
MSVOA_Y
ClientSampleId :

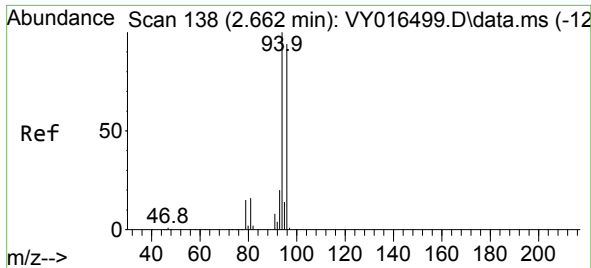
Tgt Ion: 50 Resp: 33819
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 20.628 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 62 Resp: 37684
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5





#5

Bromomethane

Concen: 20.004 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

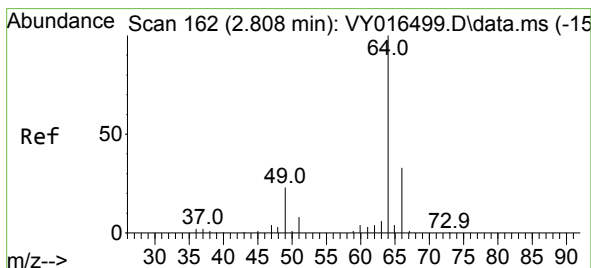
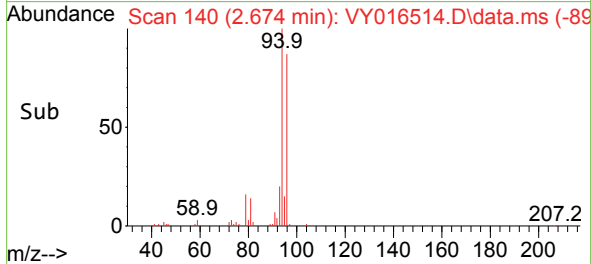
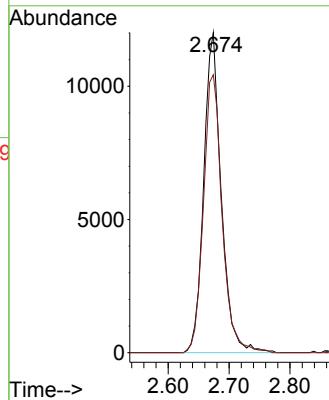
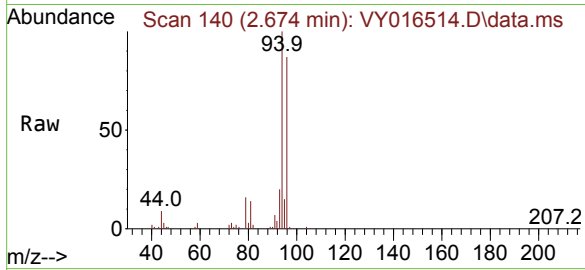
ClientSampleId :

Tgt Ion: 94 Resp: 24016

Ion Ratio Lower Upper

94 100

96 86.8 75.8 113.6



#6

Chloroethane

Concen: 19.562 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.018 min

Lab File: VY016514.D

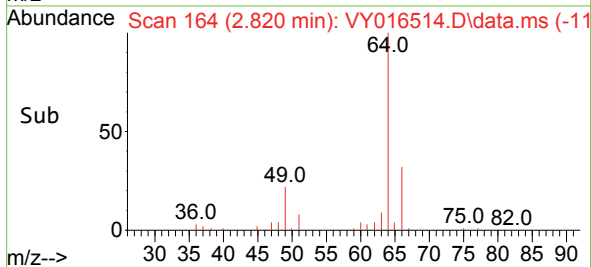
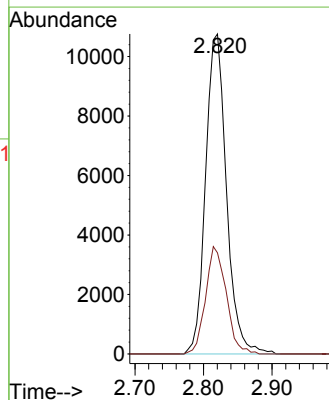
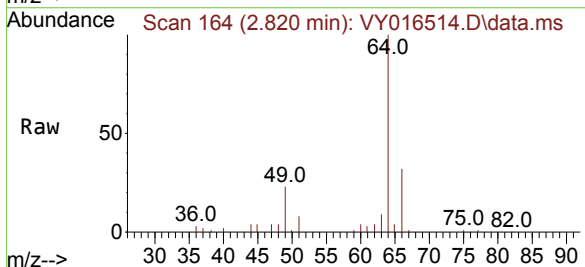
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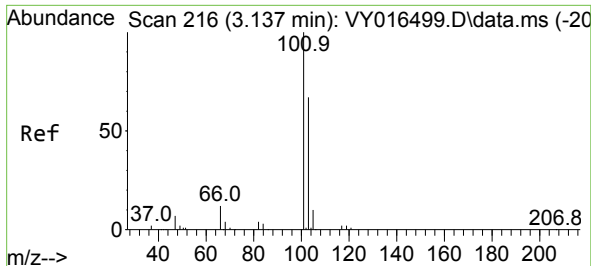
Tgt Ion: 64 Resp: 22803

Ion Ratio Lower Upper

64 100

66 31.6 24.4 36.6

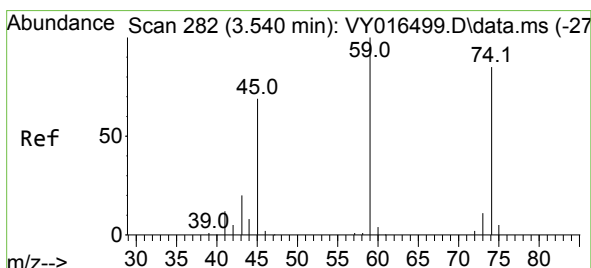
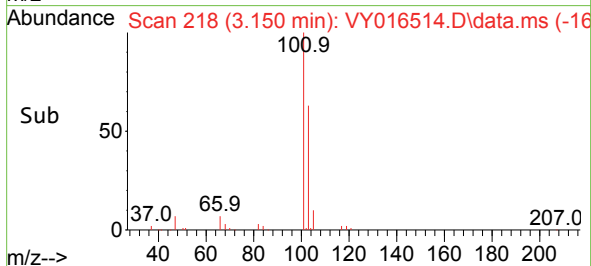
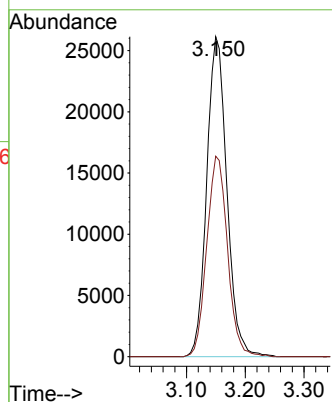
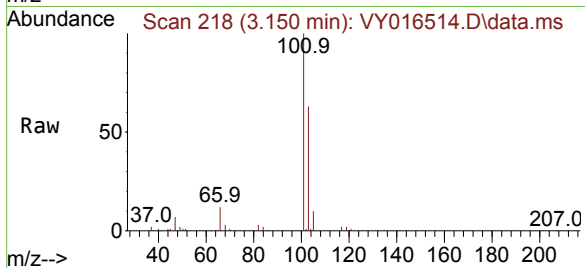




#7
Trichlorofluoromethane
Concen: 23.435 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

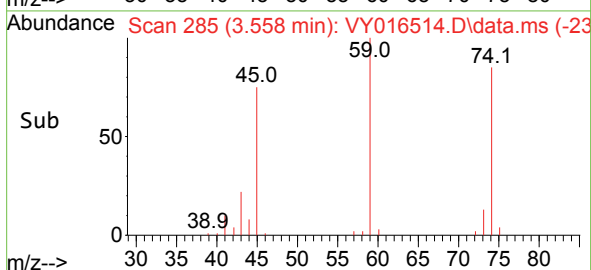
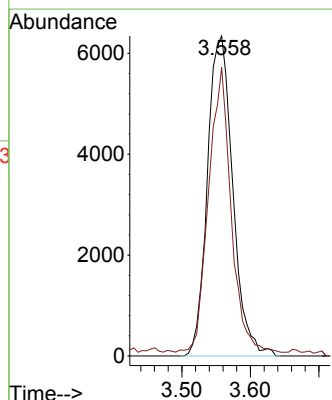
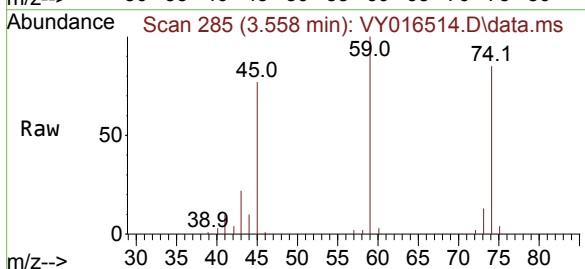
Instrument :
MSVOA_Y
ClientSampleId :

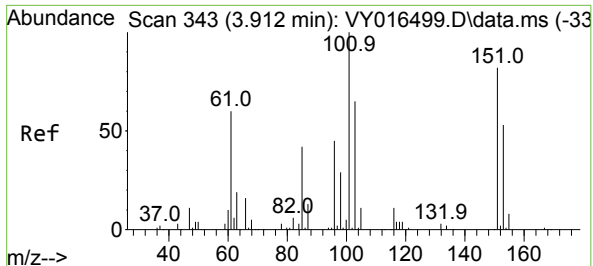
Tgt Ion:101 Resp: 62286
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.0



#8
Diethyl Ether
Concen: 20.547 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 74 Resp: 16322
Ion Ratio Lower Upper
74 100
45 78.6 51.5 154.5

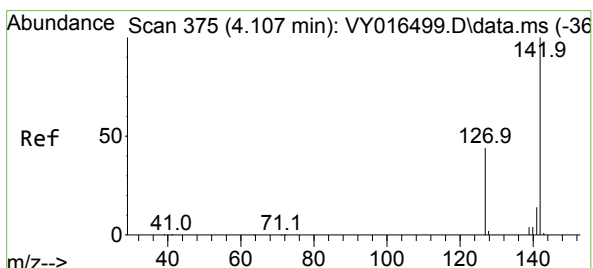
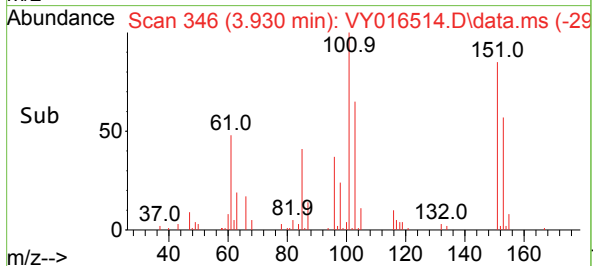
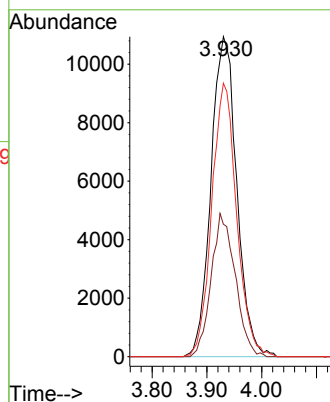
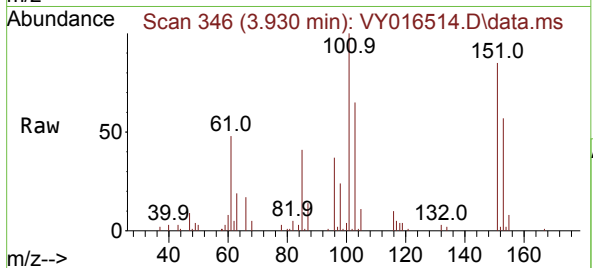




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.308 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

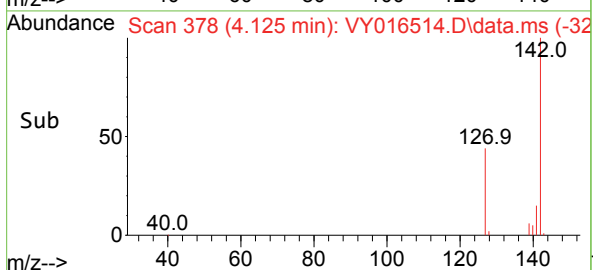
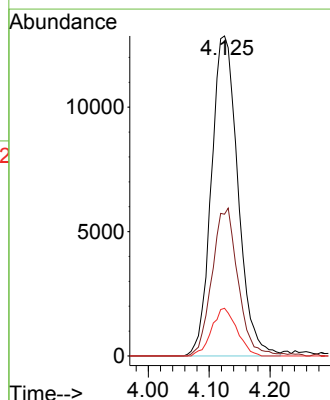
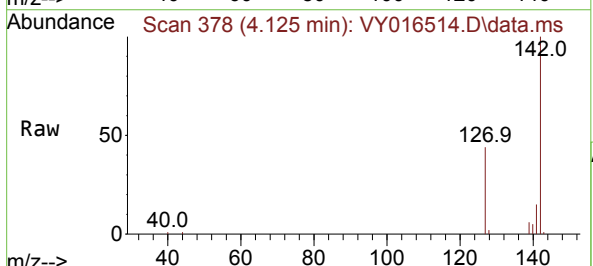
Instrument :
MSVOA_Y
ClientSampleId :

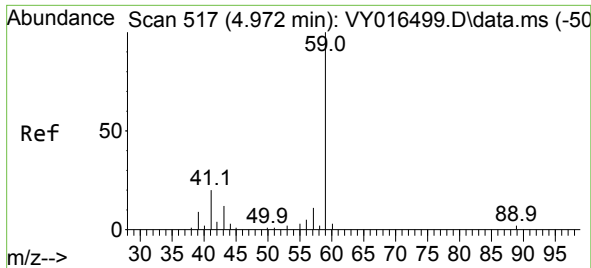
Tgt Ion:101 Resp: 35711
Ion Ratio Lower Upper
101 100
85 41.7 36.6 55.0
151 82.4 67.0 100.6



#10
Methyl Iodide
Concen: 22.540 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion:142 Resp: 38970
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.2 11.8 17.8

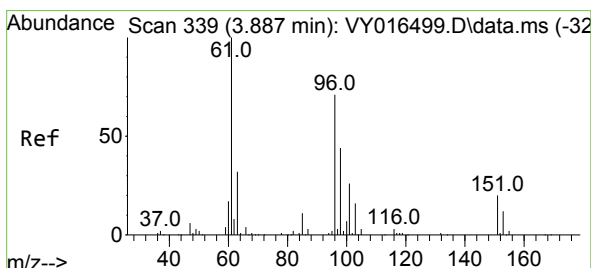
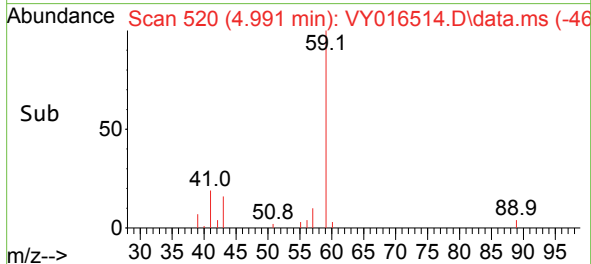
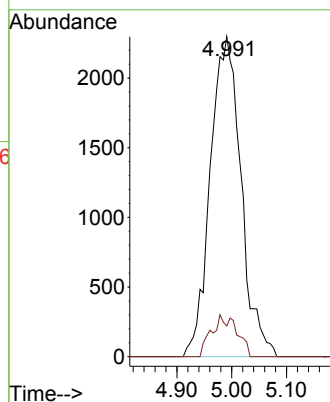
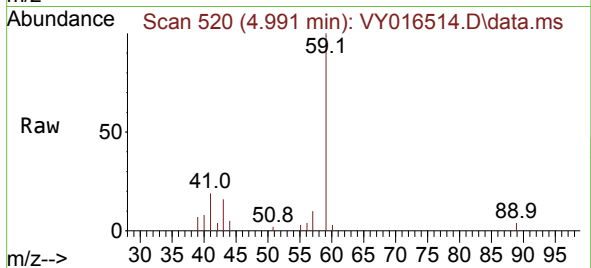




#11
Tert butyl alcohol
Concen: 84.325 ug/l
RT: 4.991 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

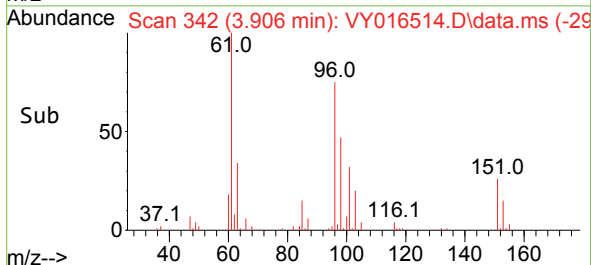
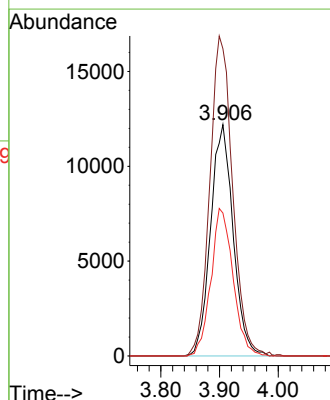
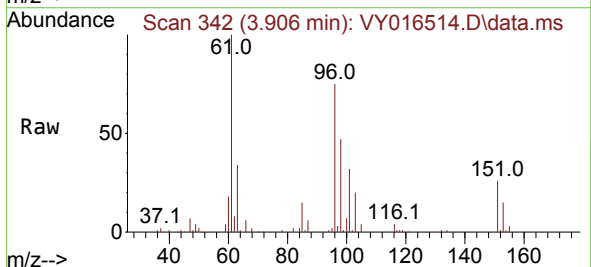
Instrument :
MSVOA_Y
ClientSampleId :

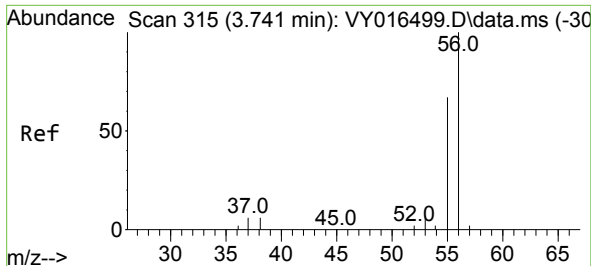
Tgt Ion: 59 Resp: 8941
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.769 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 96 Resp: 32590
Ion Ratio Lower Upper
96 100
61 132.8 136.4 204.6#
98 61.8 49.4 74.2





#13

Acrolein

Concen: 58.370 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

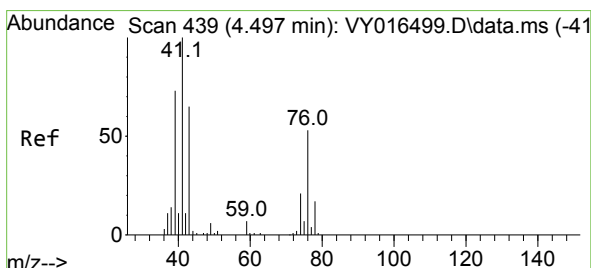
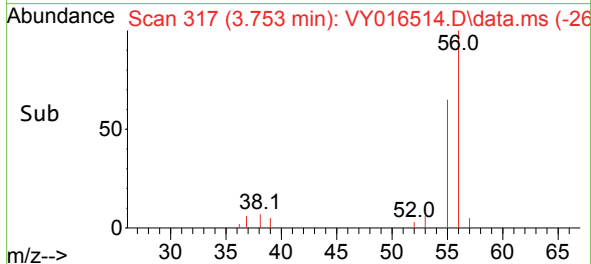
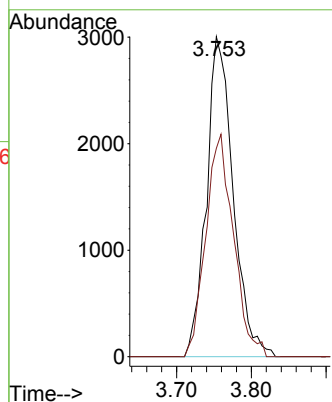
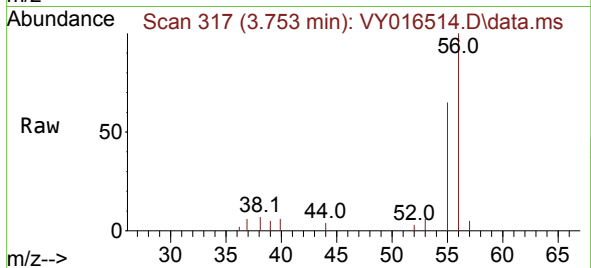
ClientSampleId :

Tgt Ion: 56 Resp: 7465

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 17.728 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

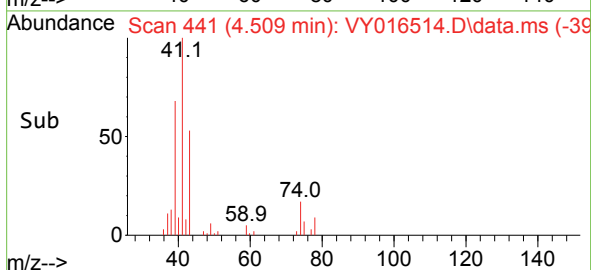
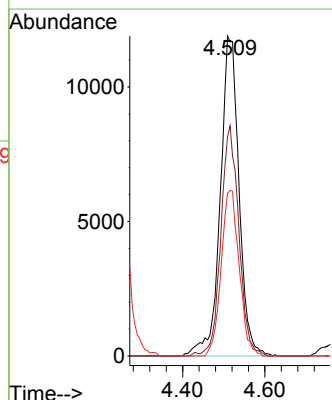
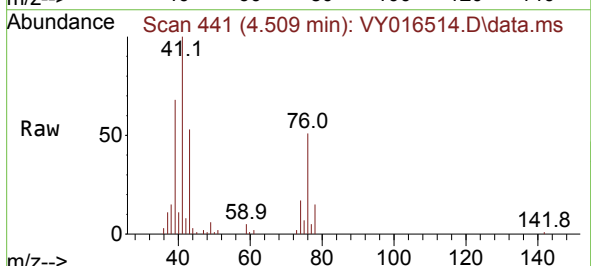
Tgt Ion: 41 Resp: 37662

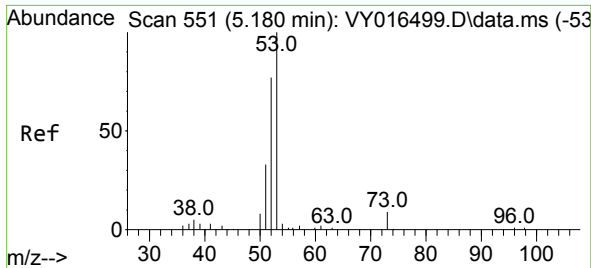
Ion Ratio Lower Upper

41 100

39 68.5 58.0 87.0

76 49.8 27.4 41.2#

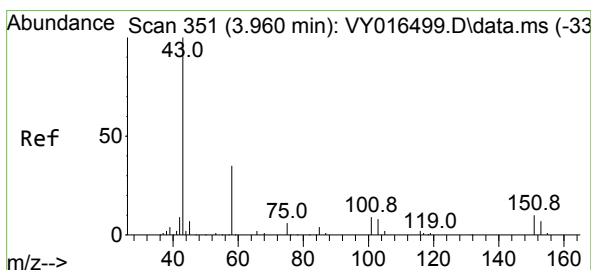
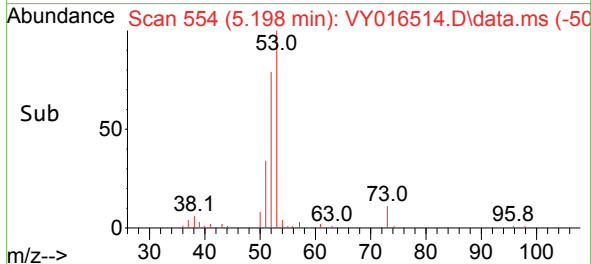
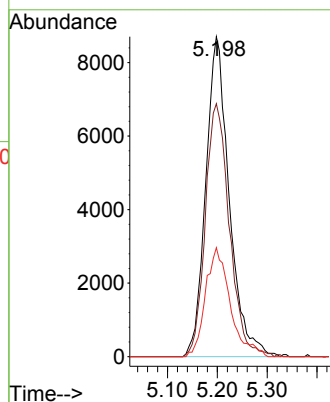
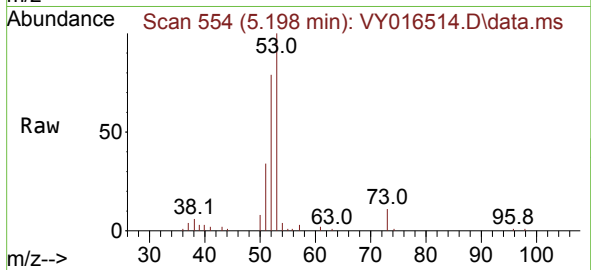




#15
Acrylonitrile
Concen: 90.420 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

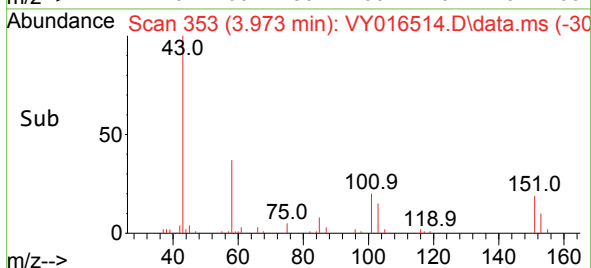
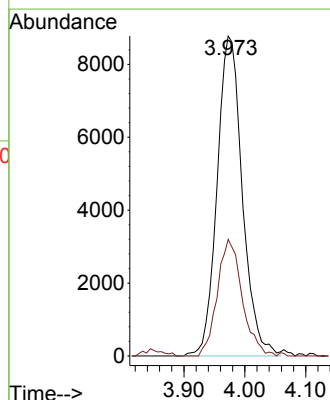
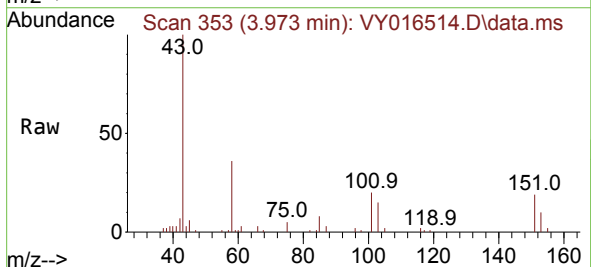
Instrument :
MSVOA_Y
ClientSampleId :

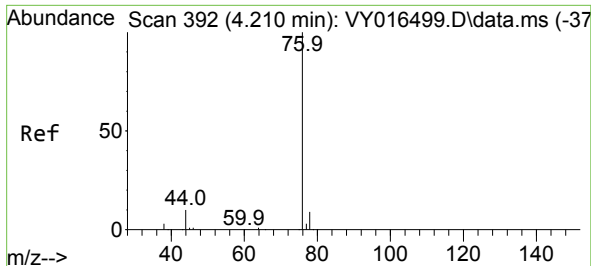
Tgt Ion: 53	Resp:	28504
Ion	Ratio	Lower Upper
53	100	
52	81.0	66.9 100.3
51	35.8	29.8 44.6



#16
Acetone
Concen: 112.719 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 43	Resp:	25246
Ion	Ratio	Lower Upper
43	100	
58	36.4	22.7 34.1#

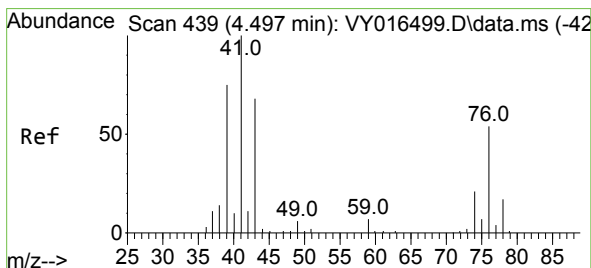
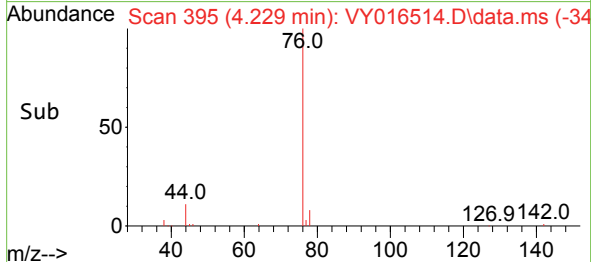
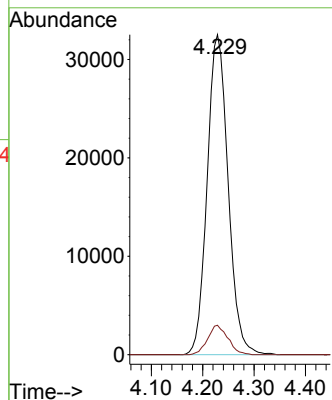
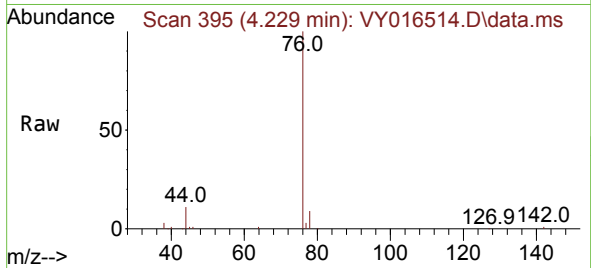




#17
Carbon Disulfide
Concen: 20.363 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

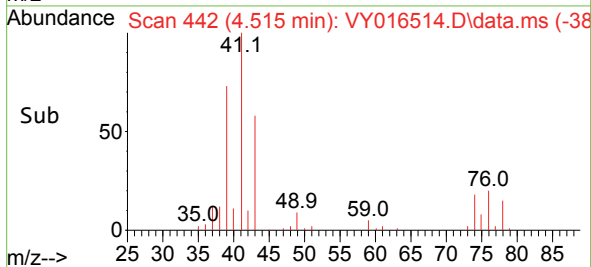
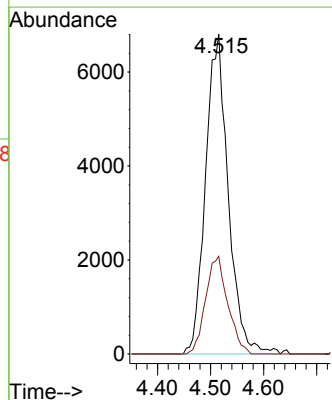
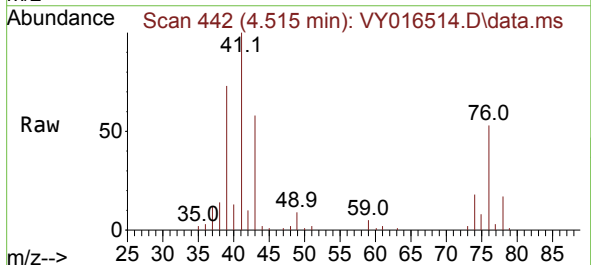
Instrument :
MSVOA_Y
ClientSampleId :

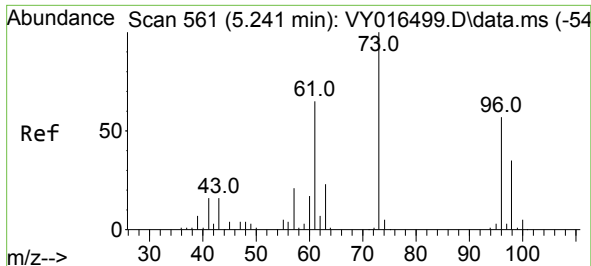
Tgt Ion: 76 Resp: 91980
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 16.975 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.024 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 43 Resp: 20202
Ion Ratio Lower Upper
43 100
74 29.8 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 18.981 ug/l

RT: 5.259 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

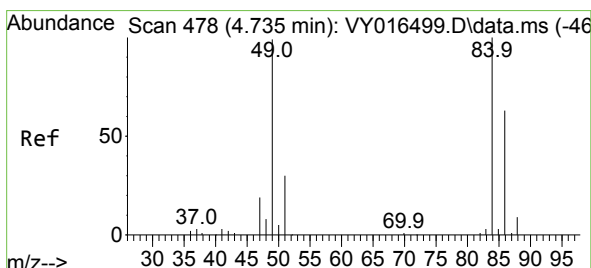
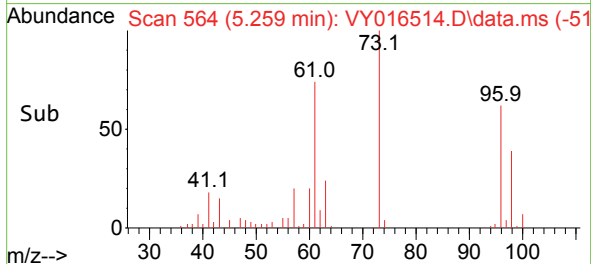
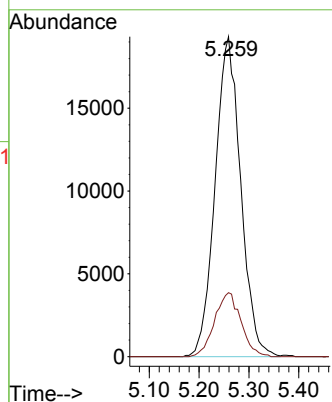
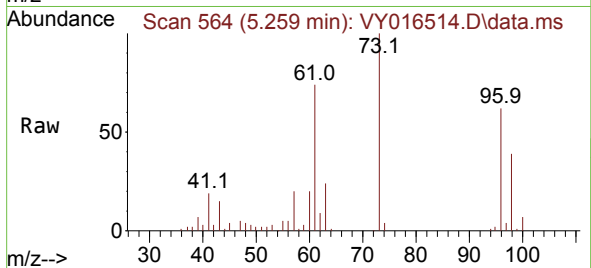
ClientSampleId :

Tgt Ion: 73 Resp: 68777

Ion Ratio Lower Upper

73 100

57 20.0 17.3 25.9



#20

Methylene Chloride

Concen: 21.253 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.024 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Tgt Ion: 84 Resp: 36794

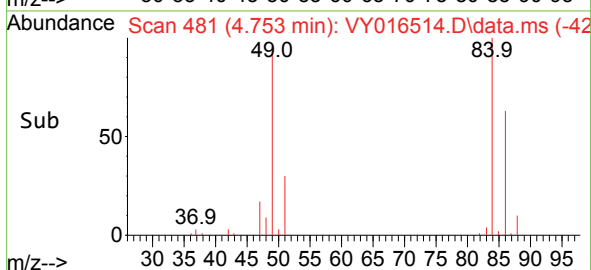
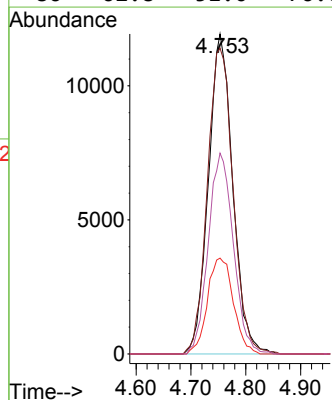
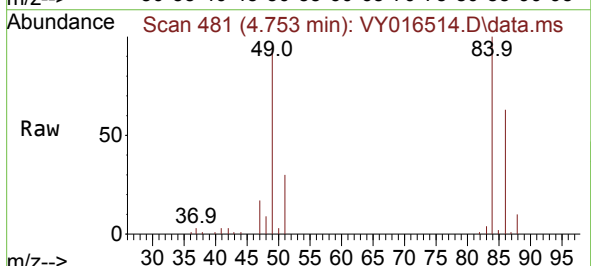
Ion Ratio Lower Upper

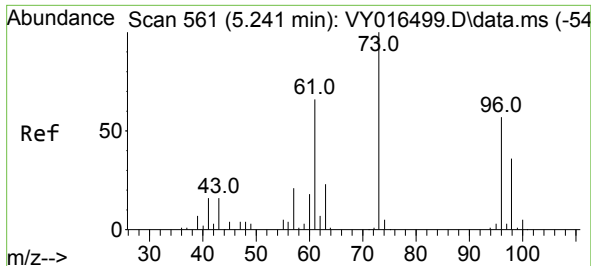
84 100

49 95.6 106.9 160.3#

51 29.9 33.2 49.8#

86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.260 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

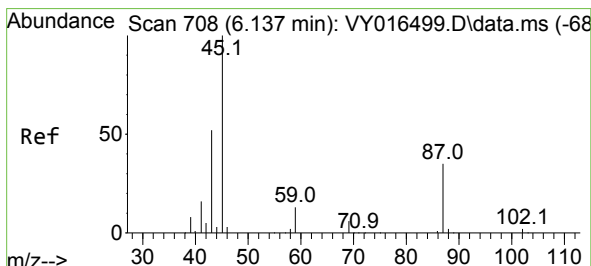
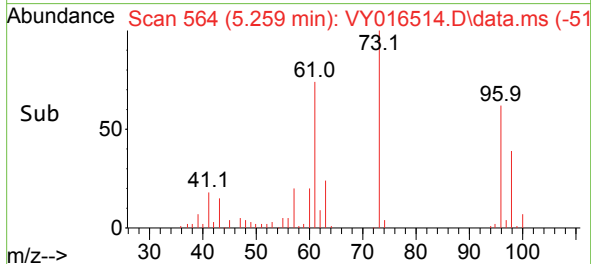
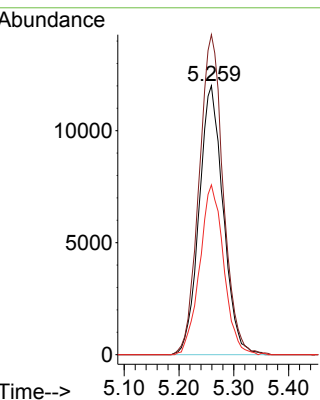
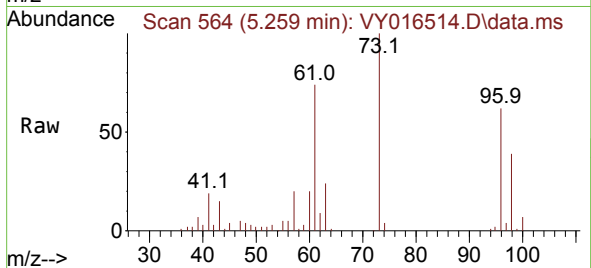
Tgt Ion: 96 Resp: 36646

Ion Ratio Lower Upper

96 100

61 119.0 110.2 165.4

98 63.1 51.8 77.6



#22

Diisopropyl ether

Concen: 17.560 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.018 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Tgt Ion: 45 Resp: 80398

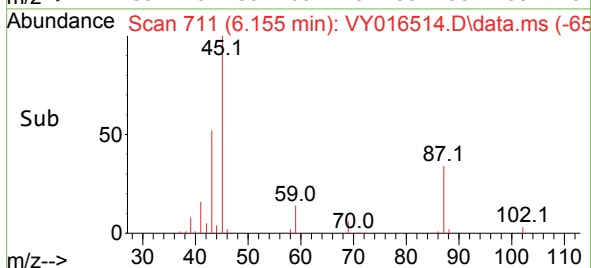
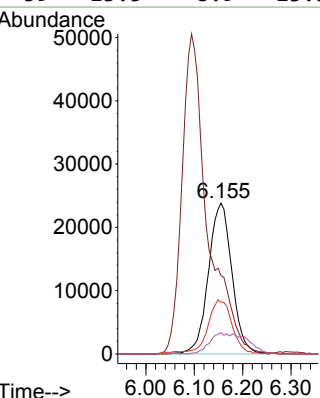
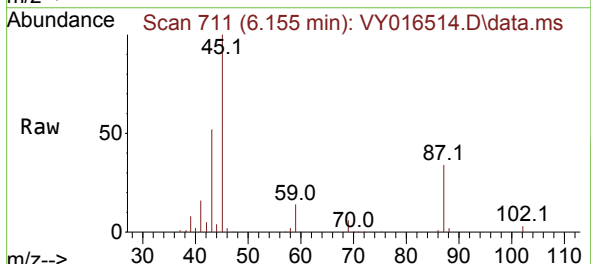
Ion Ratio Lower Upper

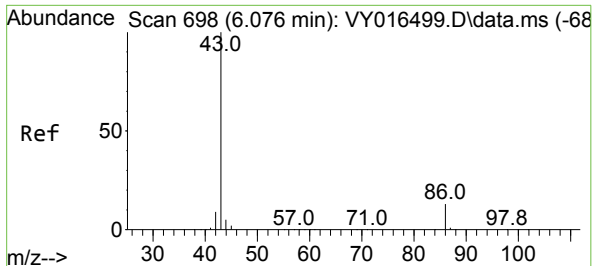
45 100

43 51.1 52.2 78.4#

87 34.4 21.0 31.6#

59 13.5 8.9 13.3#

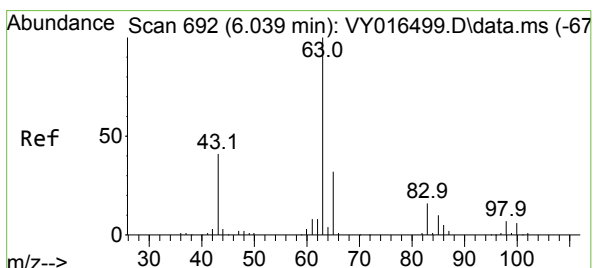
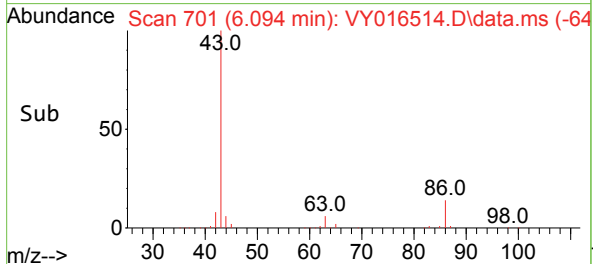
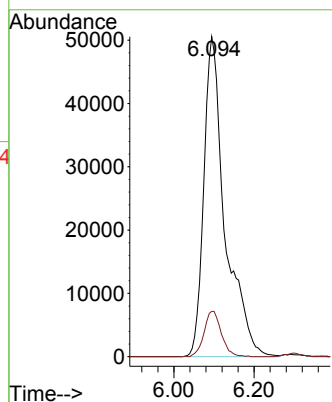
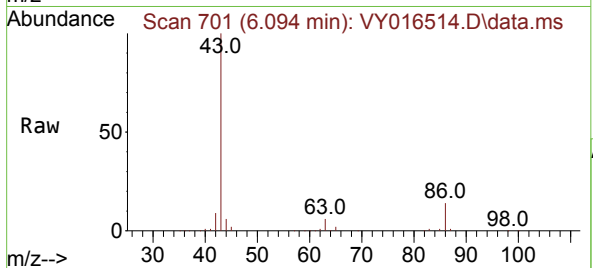




#23
 Vinyl Acetate
 Concen: 83.692 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016514.D
 Acq: 28 Nov 2023 12:23

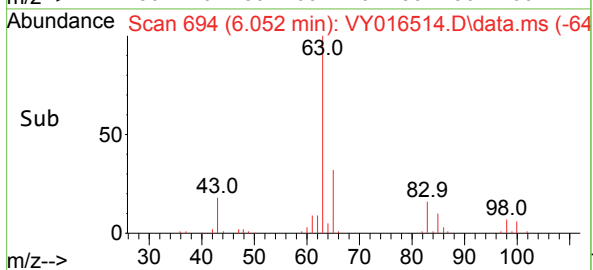
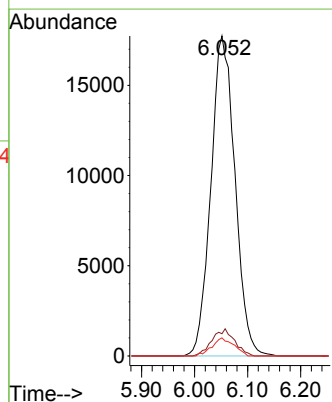
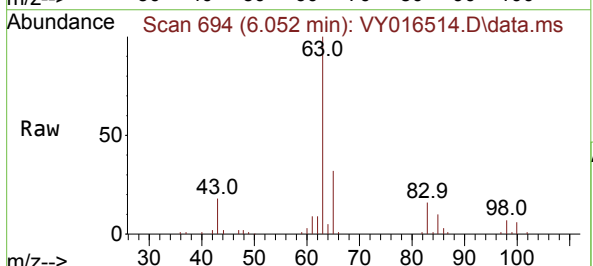
Instrument :
 MSVOA_Y
 ClientSampleId :

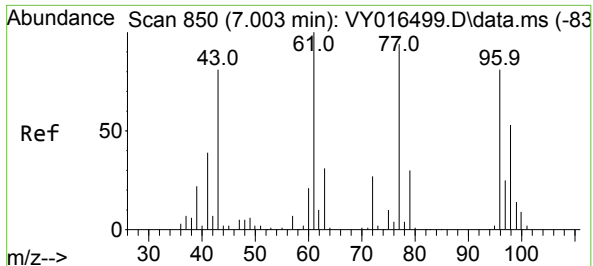
Tgt Ion: 43 Resp: 185671
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.811 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY016514.D
 Acq: 28 Nov 2023 12:23

Tgt Ion: 63 Resp: 55958
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 5.6 1.8 5.5#





#25

2-Butanone

Concen: 96.929 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

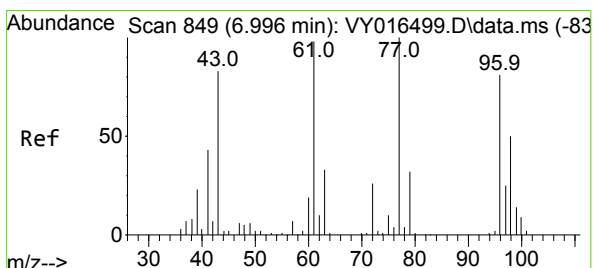
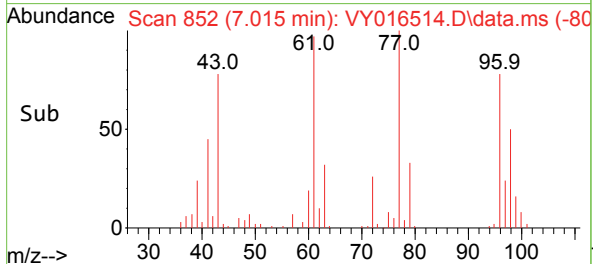
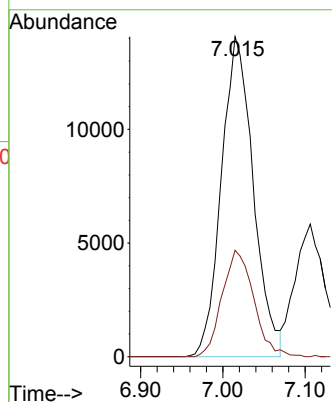
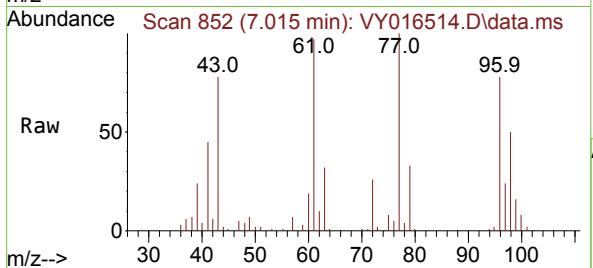
ClientSampleId :

Tgt Ion: 43 Resp: 38025

Ion Ratio Lower Upper

43 100

72 33.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.975 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016514.D

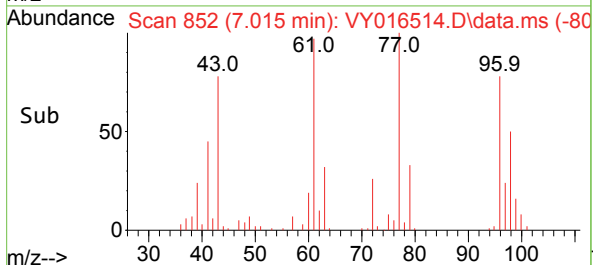
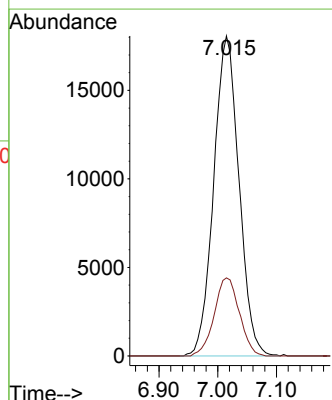
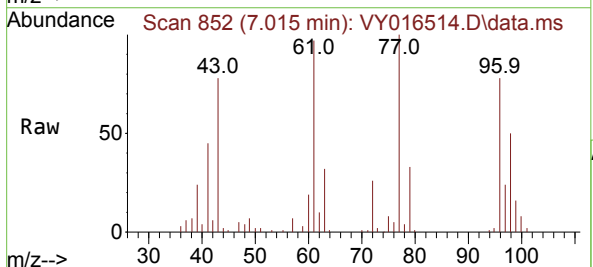
Acq: 28 Nov 2023 12:23

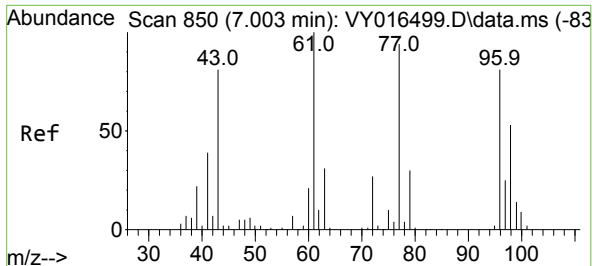
Tgt Ion: 77 Resp: 53921

Ion Ratio Lower Upper

77 100

97 24.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.393 ug/l

RT: 7.021 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

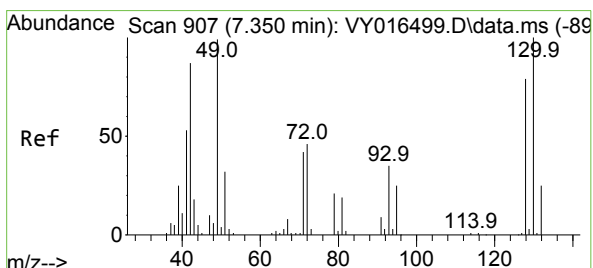
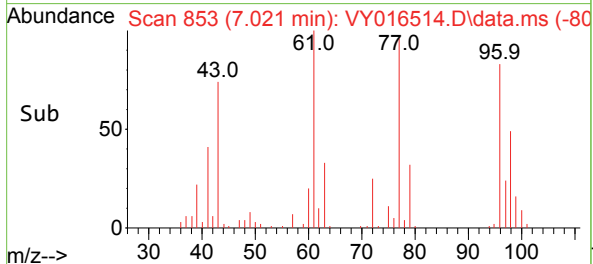
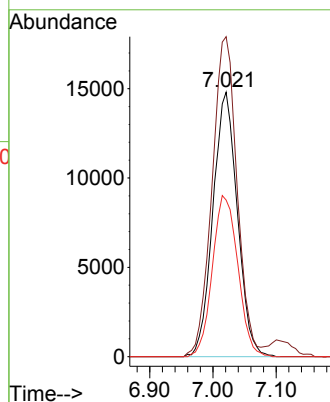
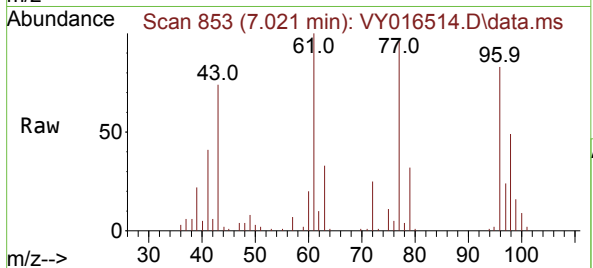
Tgt Ion: 96 Resp: 39740

Ion Ratio Lower Upper

96 100

61 123.8 0.0 301.4

98 63.3 0.0 130.4



#28

Bromochloromethane

Concen: 17.468 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

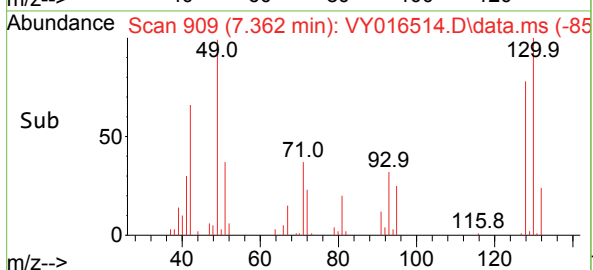
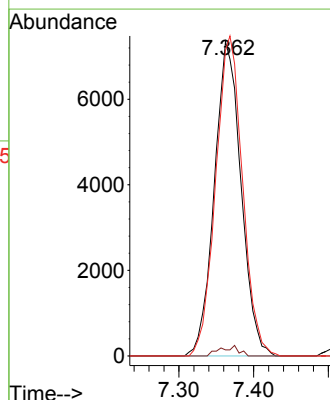
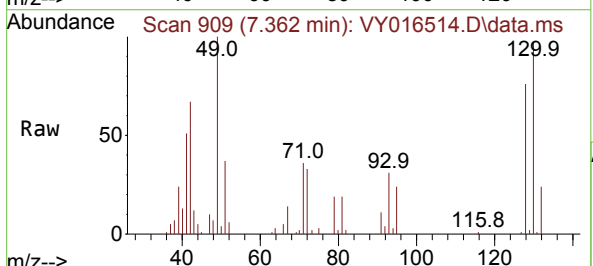
Tgt Ion: 49 Resp: 18261

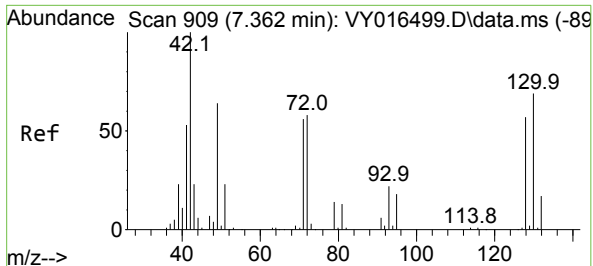
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 102.3 60.7 91.1#





#29

Tetrahydrofuran

Concen: 83.993 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

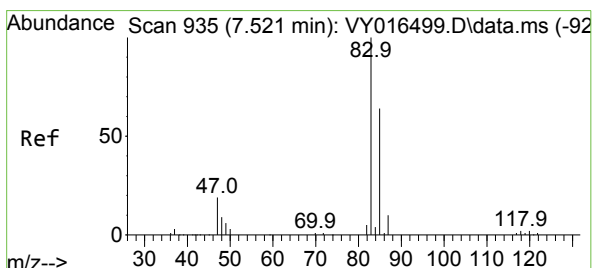
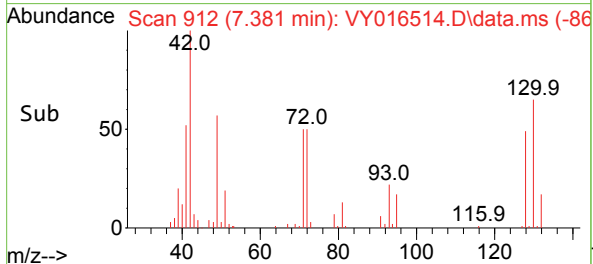
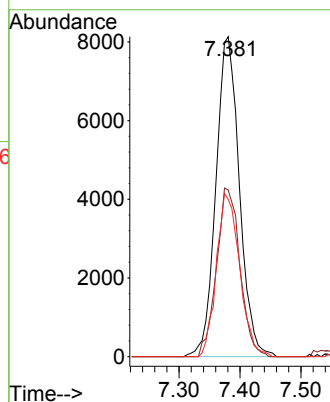
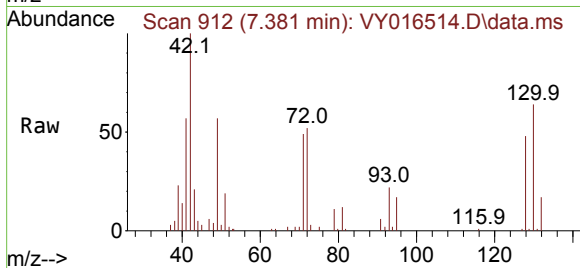
Tgt Ion: 42 Resp: 21779

Ion Ratio Lower Upper

42 100

72 52.3 32.8 49.2#

71 50.4 31.0 46.4#



#30

Chloroform

Concen: 21.431 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016514.D

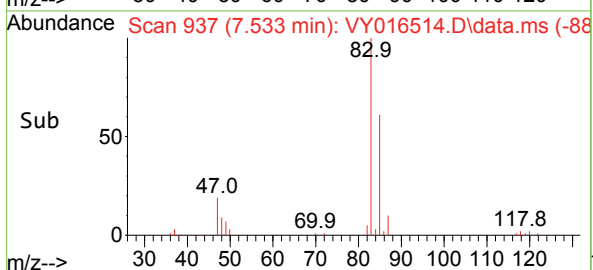
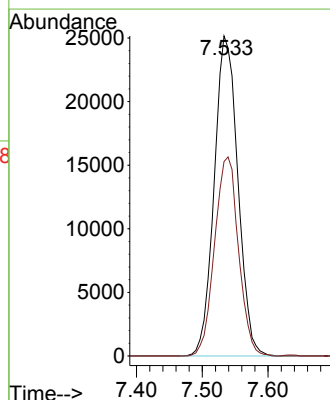
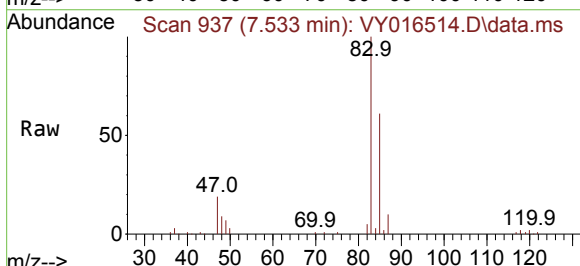
Acq: 28 Nov 2023 12:23

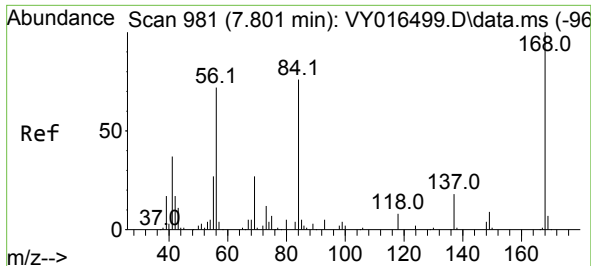
Tgt Ion: 83 Resp: 63009

Ion Ratio Lower Upper

83 100

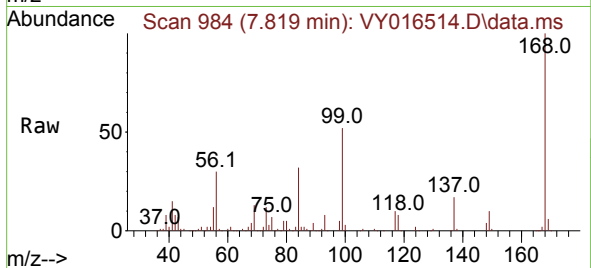
85 60.7 49.7 74.5



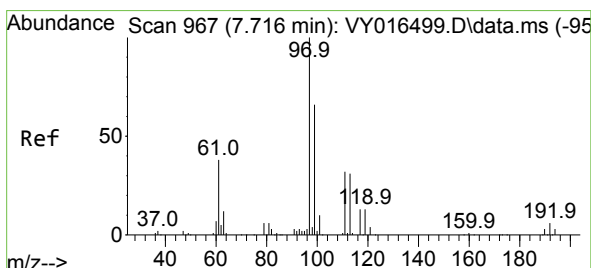
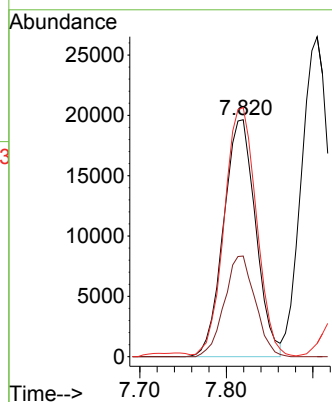
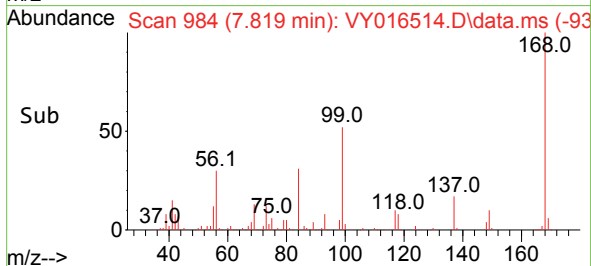


#31
Cyclohexane
Concen: 18.996 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :

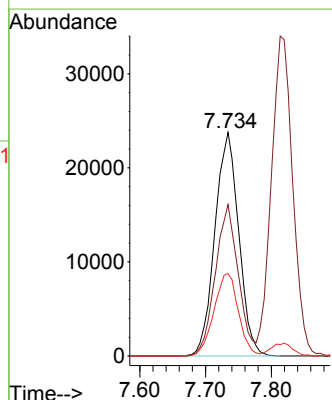
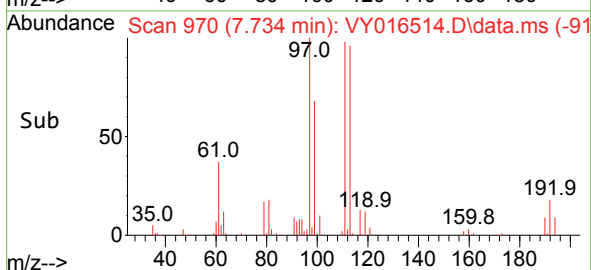
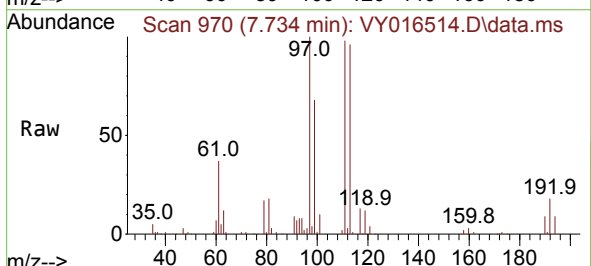


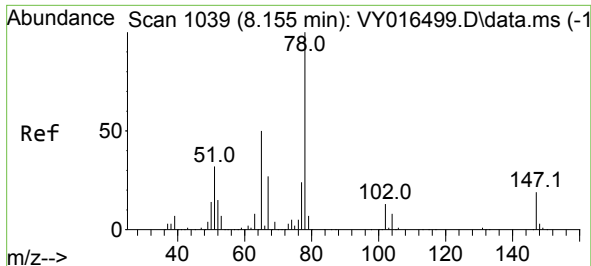
Tgt Ion: 56 Resp: 50640
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.6#
84 103.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 22.227 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 97 Resp: 59902
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 37.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.632 ug/l

RT: 8.167 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

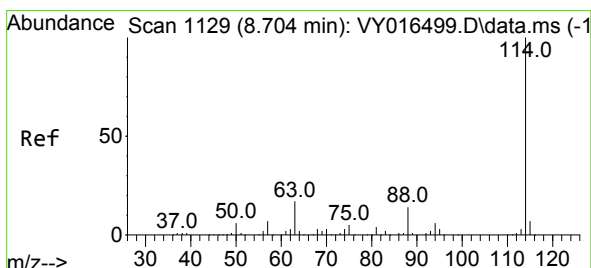
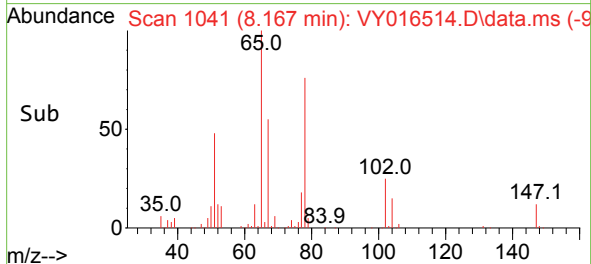
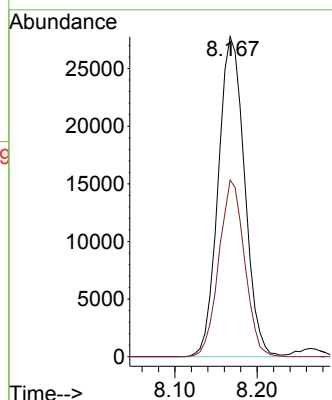
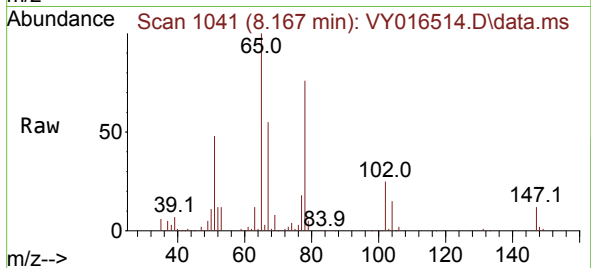
ClientSampleId :

Tgt Ion: 65 Resp: 61787

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

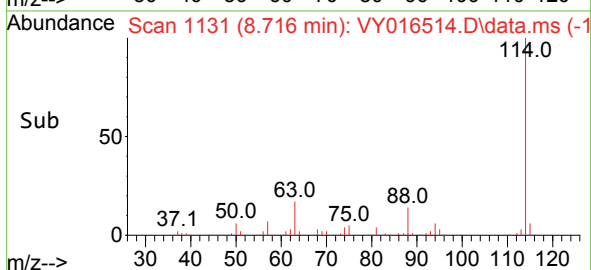
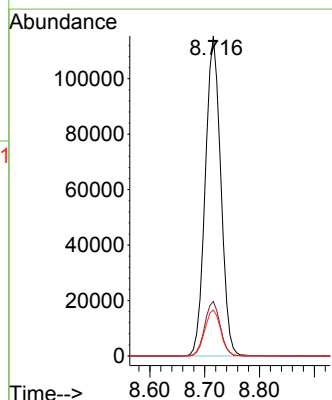
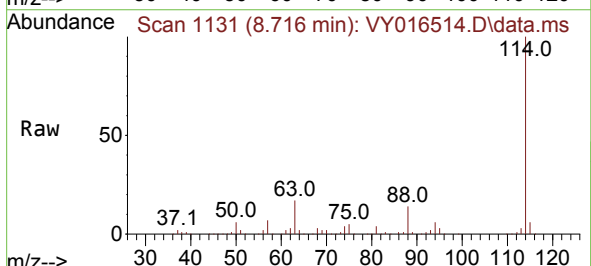
Tgt Ion:114 Resp: 225574

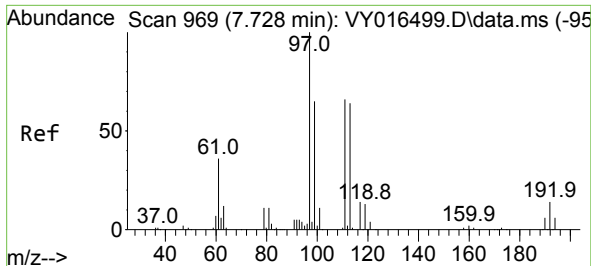
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

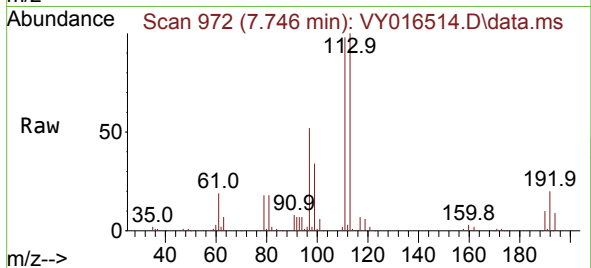
88 14.4 0.0 30.6



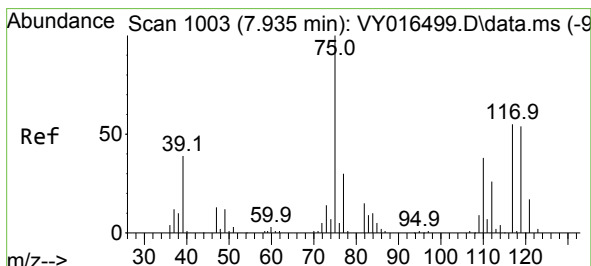
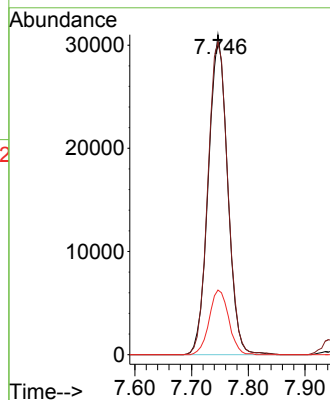
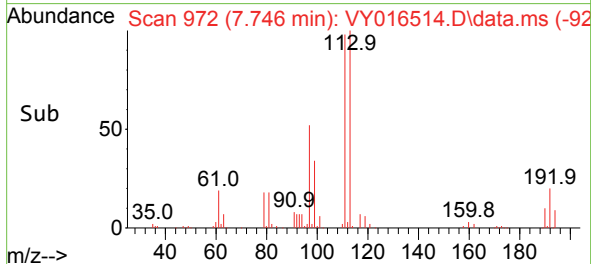


#35
Dibromofluoromethane
Concen: 56.966 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

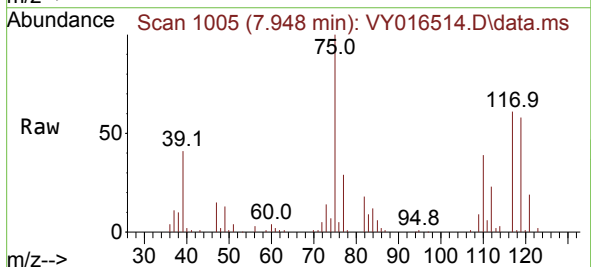
Instrument :
MSVOA_Y
ClientSampleId :



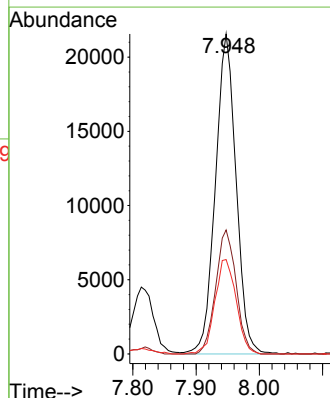
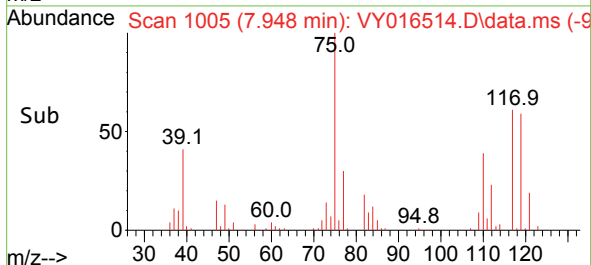
Tgt Ion:113 Resp: 72997
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 20.5 16.9 25.3

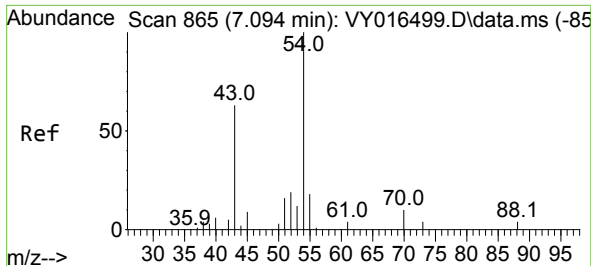


#36
1,1-Dichloropropene
Concen: 21.981 ug/l
RT: 7.948 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23



Tgt Ion: 75 Resp: 48909
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 16.643 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

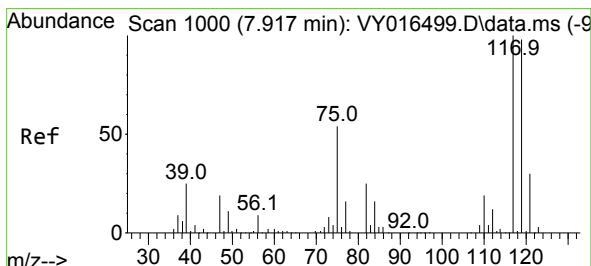
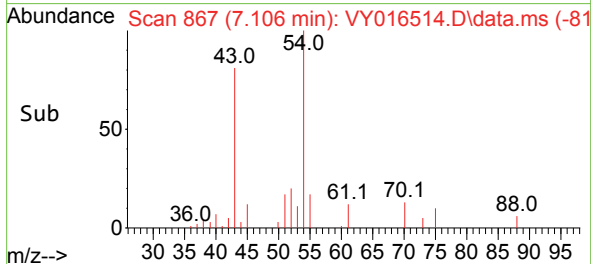
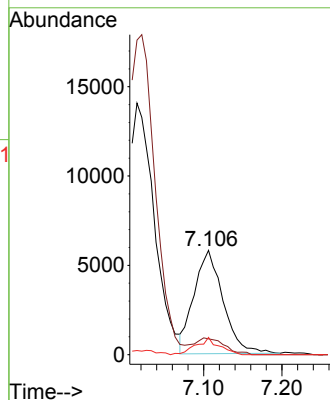
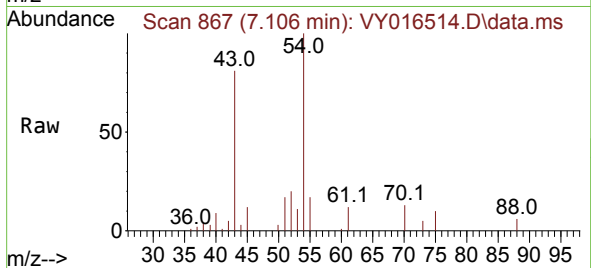
Tgt Ion: 43 Resp: 14962

Ion Ratio Lower Upper

43 100

61 15.8 10.1 15.1#

70 13.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 24.487 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

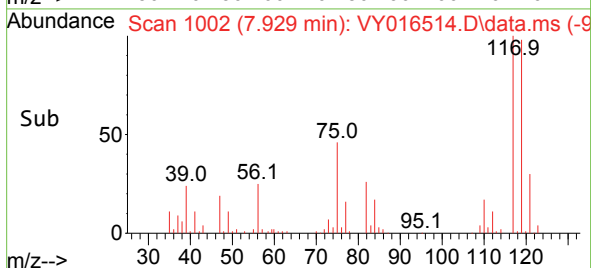
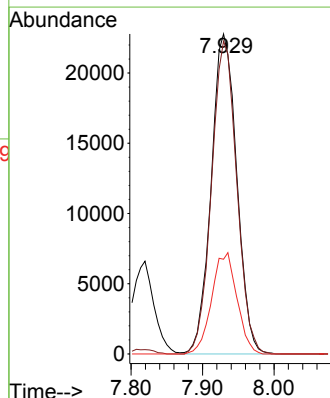
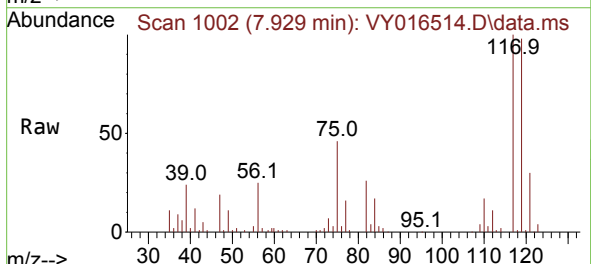
Tgt Ion: 117 Resp: 56547

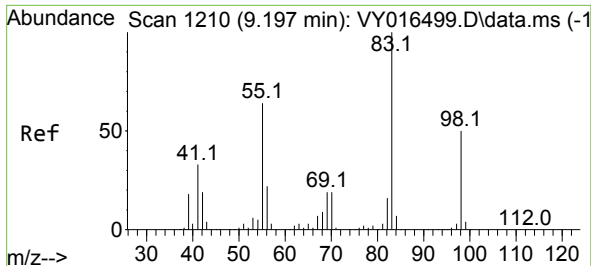
Ion Ratio Lower Upper

117 100

119 97.8 76.4 114.6

121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 22.223 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

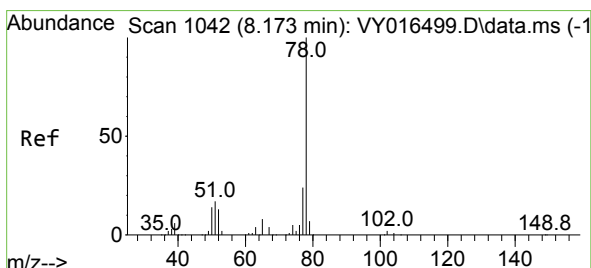
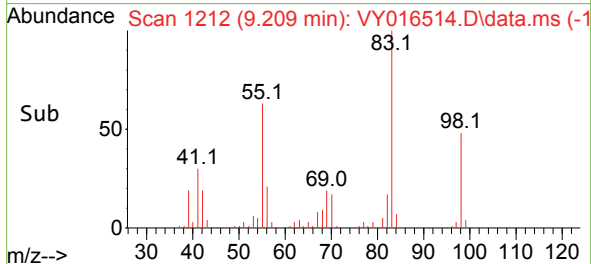
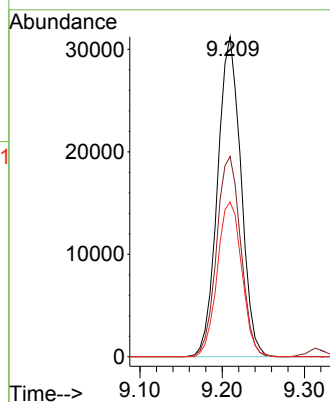
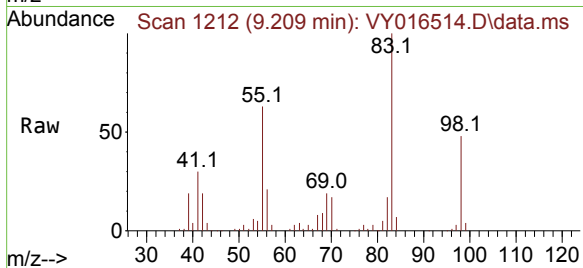
Tgt Ion: 83 Resp: 61613

Ion Ratio Lower Upper

83 100

55 62.5 63.0 94.4#

98 48.3 37.4 56.2



#40

Benzene

Concen: 22.204 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016514.D

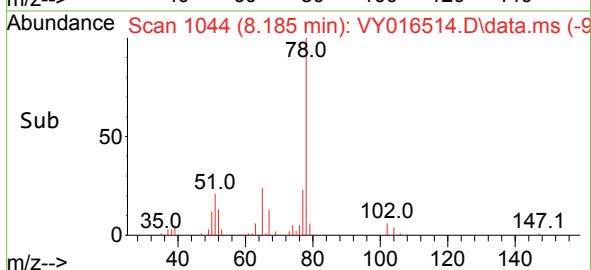
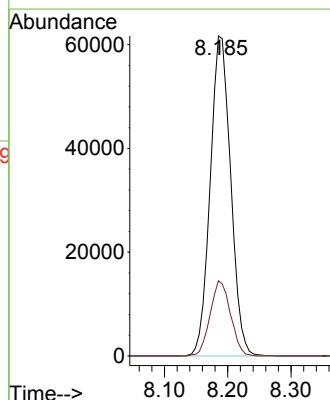
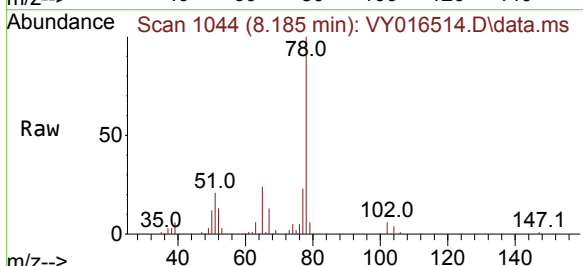
Acq: 28 Nov 2023 12:23

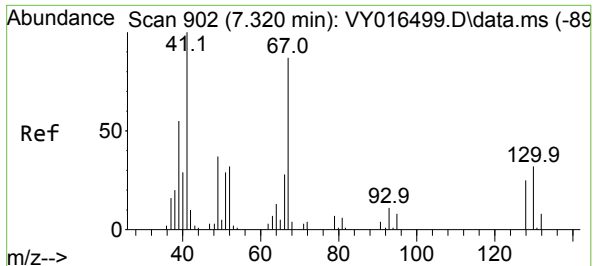
Tgt Ion: 78 Resp: 138806

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

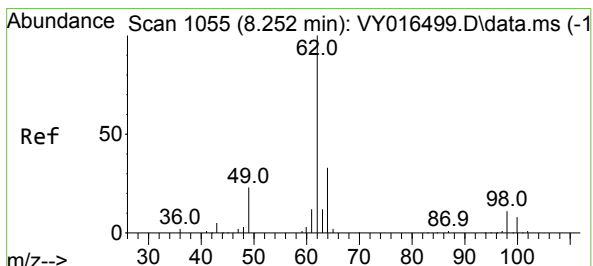
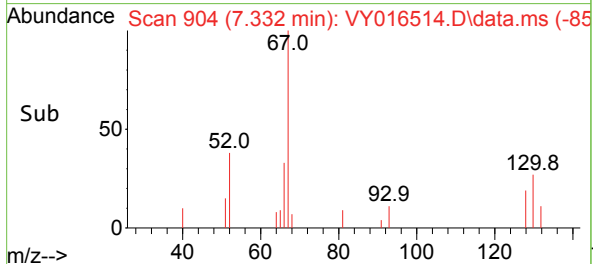
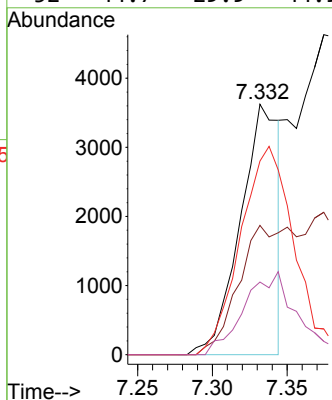
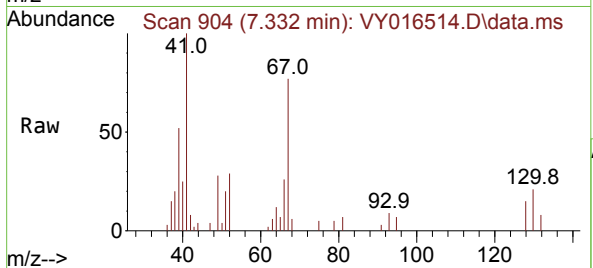




#41
Methacrylonitrile
Concen: 14.386 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

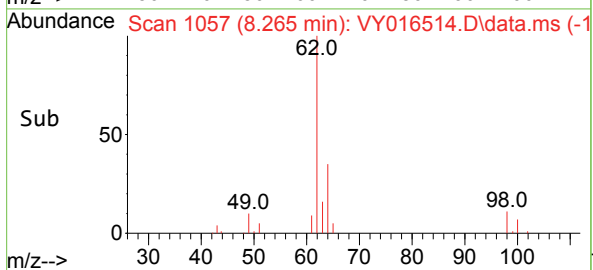
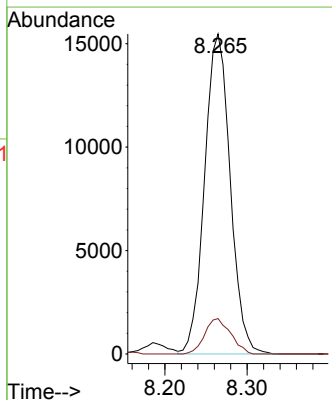
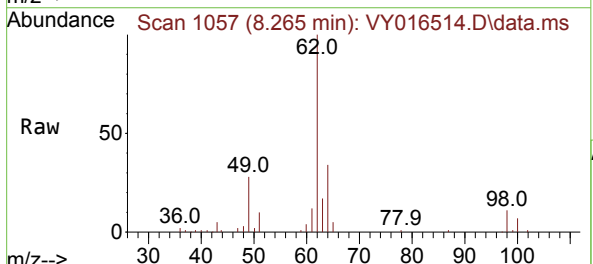
Instrument :
MSVOA_Y
ClientSampleId :

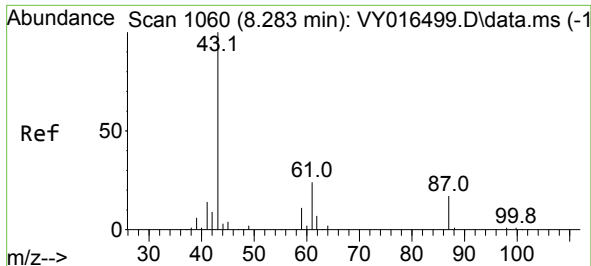
Tgt Ion: 41 Resp: 6521
Ion Ratio Lower Upper
41 100
39 44.2 52.1 78.1#
67 116.4 66.2 99.2#
52 44.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.689 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 62 Resp: 33511
Ion Ratio Lower Upper
62 100
98 11.2 0.0 15.8

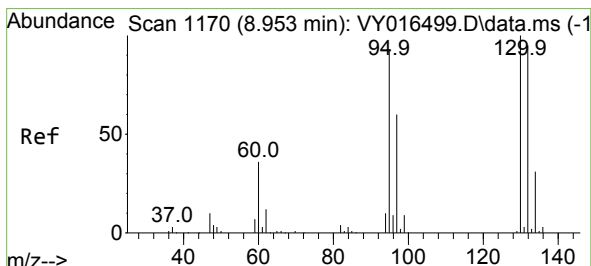
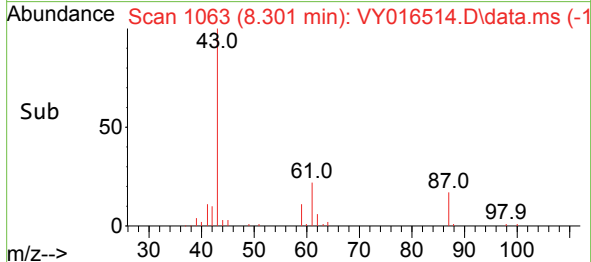
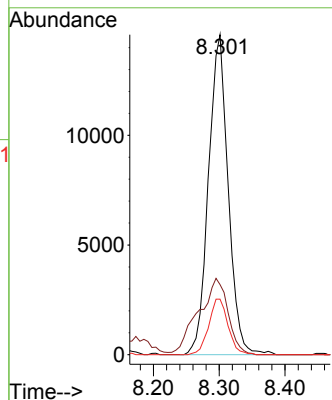
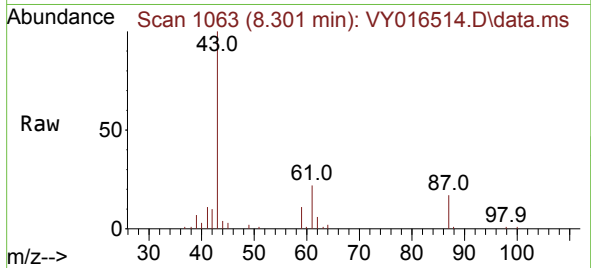




#43
Isopropyl Acetate
Concen: 17.488 ug/l
RT: 8.301 min Scan# 1063
Delta R.T. 0.018 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

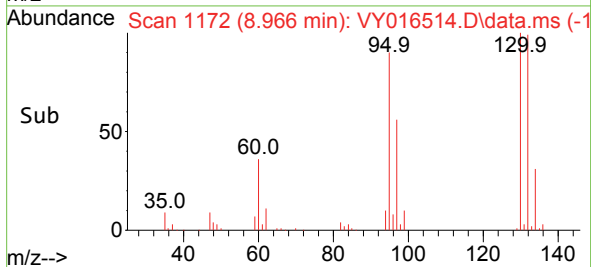
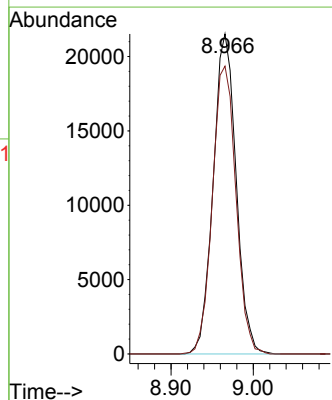
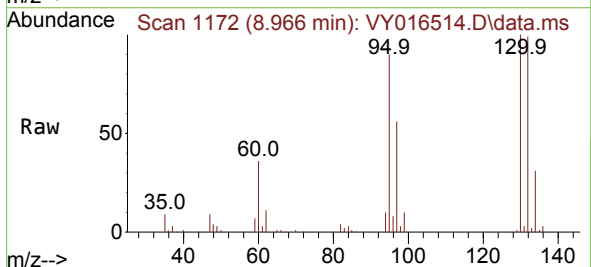
Instrument :
MSVOA_Y
ClientSampleId :

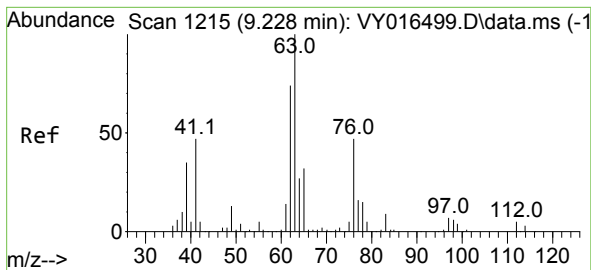
Tgt Ion: 43 Resp: 30391
Ion Ratio Lower Upper
43 100
61 35.8 21.1 31.7#
87 17.1 9.8 14.8#



#44
Trichloroethene
Concen: 23.146 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion:130 Resp: 41585
Ion Ratio Lower Upper
130 100
95 90.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.508 ug/l

RT: 9.240 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

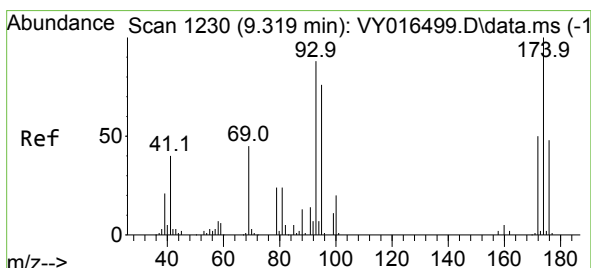
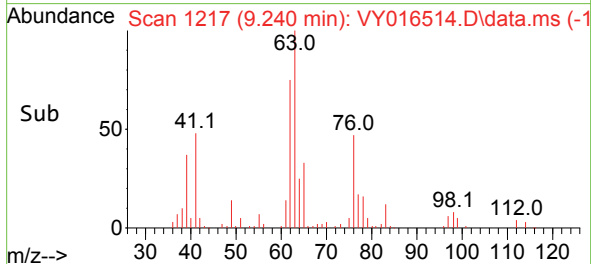
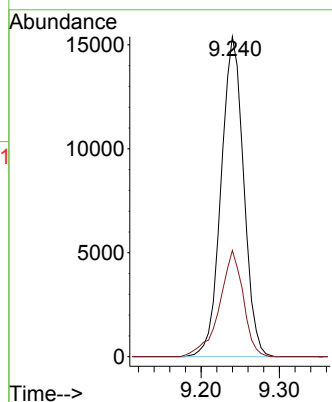
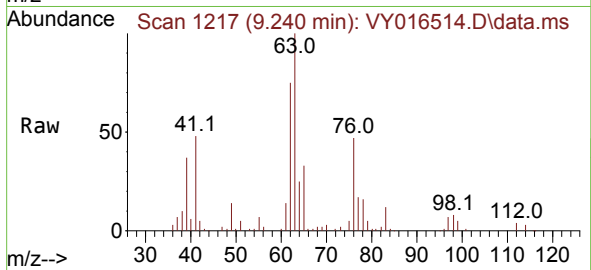
ClientSampleId :

Tgt Ion: 63 Resp: 30789

Ion Ratio Lower Upper

63 100

65 33.2 23.8 35.6



#46

Dibromomethane

Concen: 21.008 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

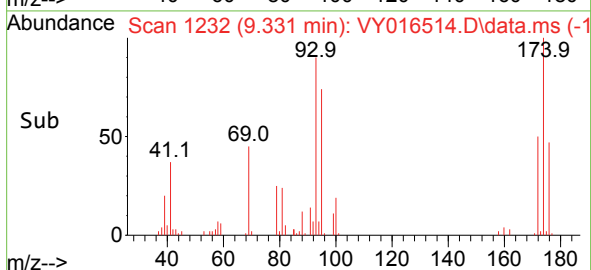
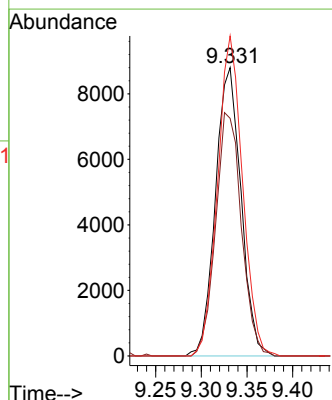
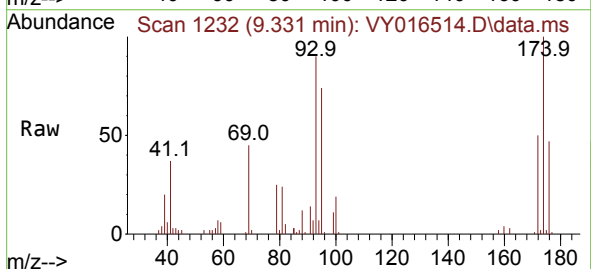
Tgt Ion: 93 Resp: 17091

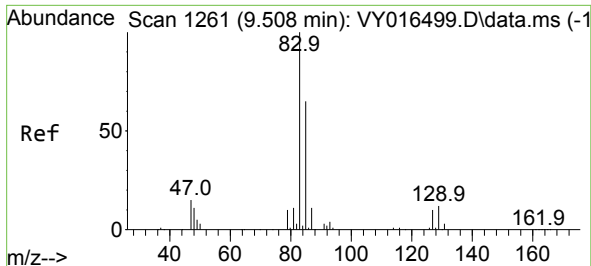
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

174 108.8 84.8 127.2

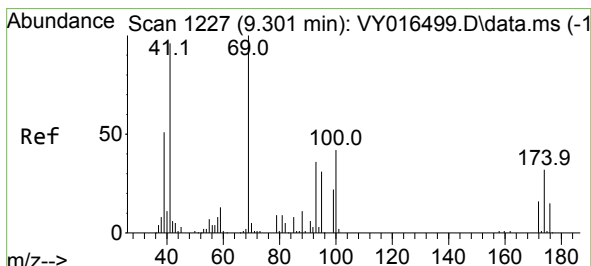
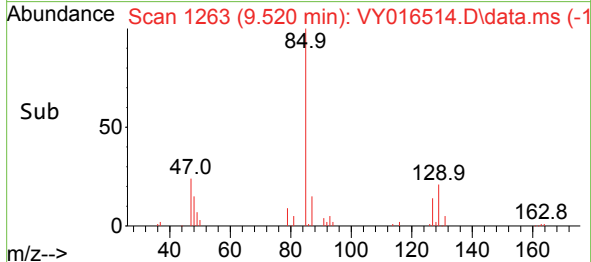
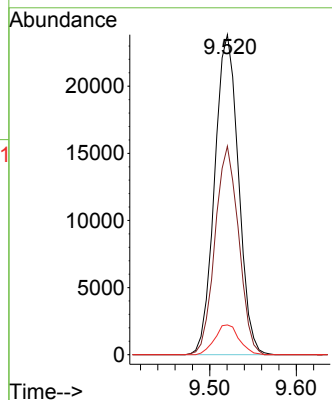
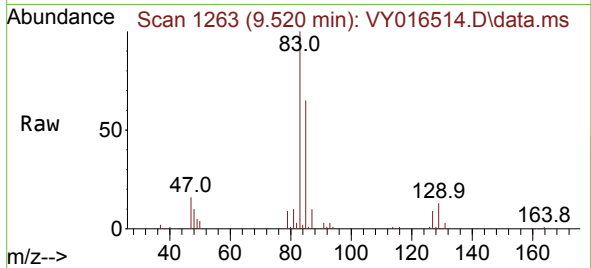




#47
Bromodichloromethane
Concen: 21.731 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

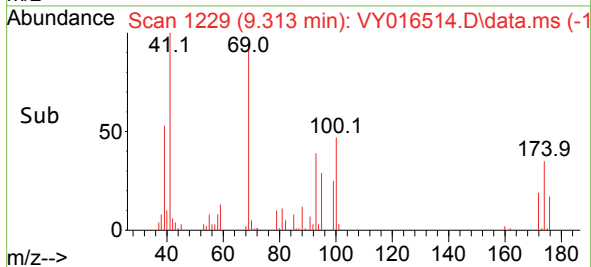
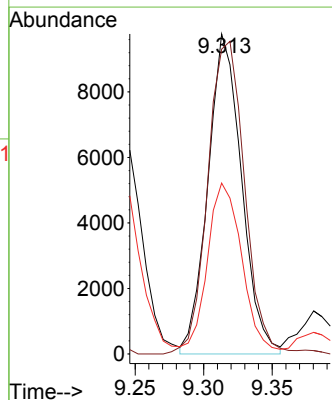
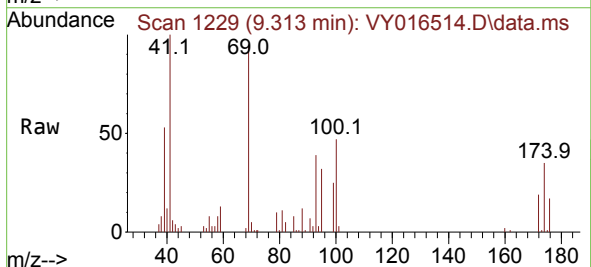
Instrument :
MSVOA_Y
ClientSampleId :

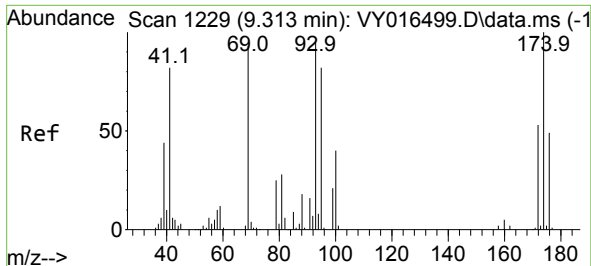
Tgt Ion: 83 Resp: 45452
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 17.378 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 41 Resp: 16690
Ion Ratio Lower Upper
41 100
69 107.1 64.5 96.7#
39 55.0 50.8 76.2





#49

1,4-Dioxane

Concen: 374.659 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

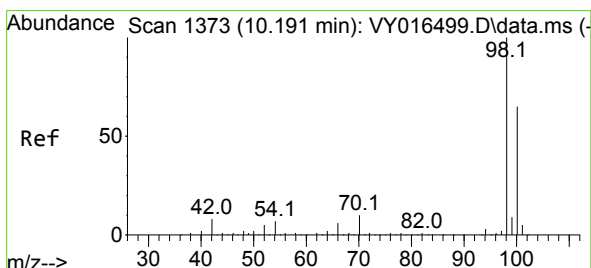
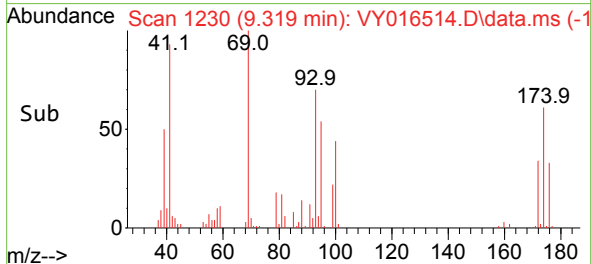
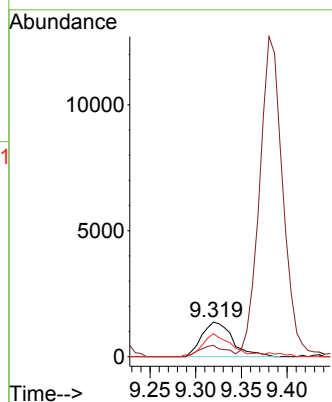
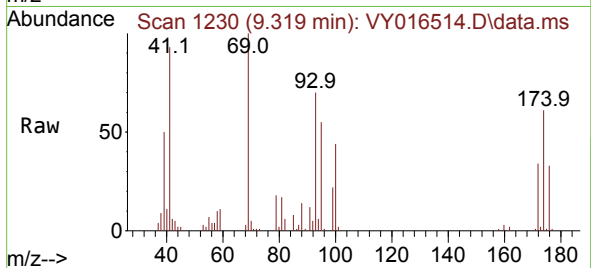
Tgt Ion: 88 Resp: 3236

Ion Ratio Lower Upper

88 100

43 27.4 0.0 0.0#

58 59.6 30.9 46.3#



#50

Toluene-d8

Concen: 51.273 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016514.D

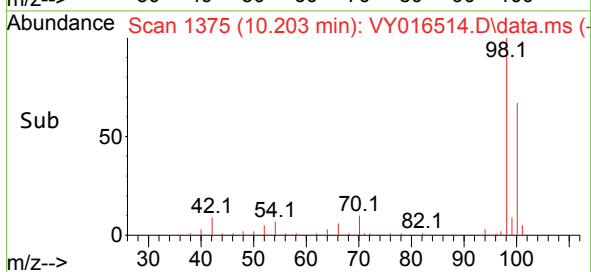
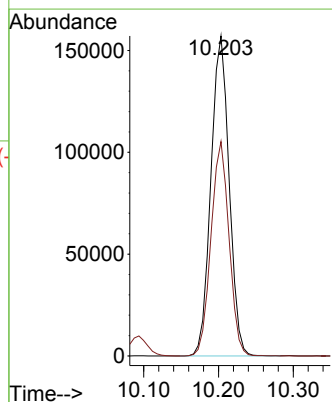
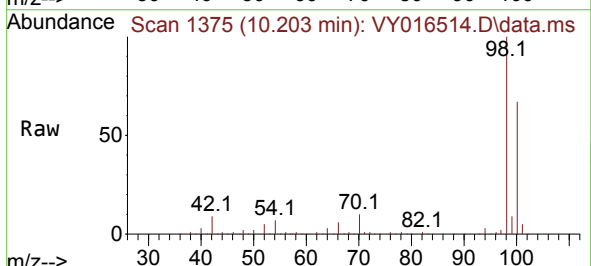
Acq: 28 Nov 2023 12:23

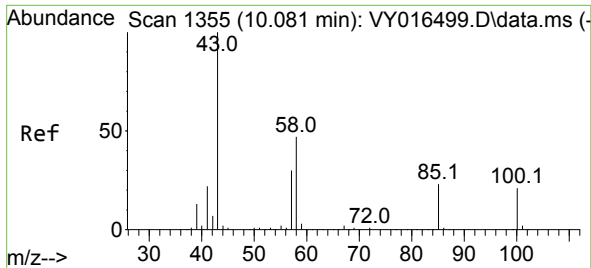
Tgt Ion: 98 Resp: 266433

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1

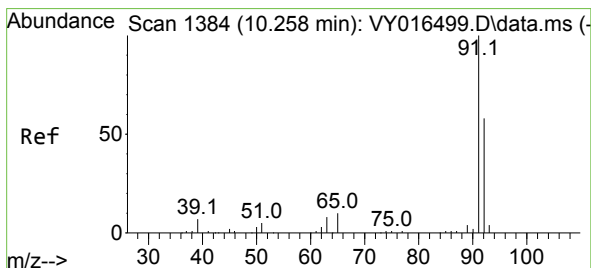
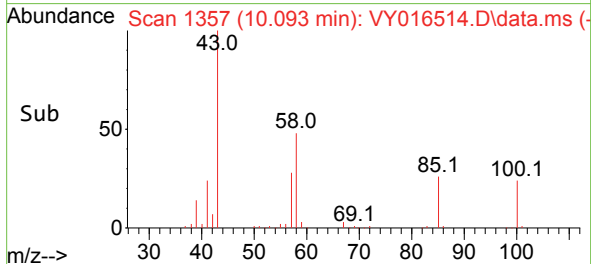
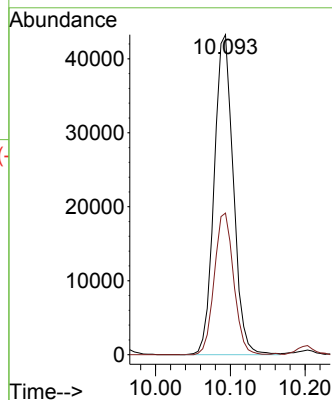
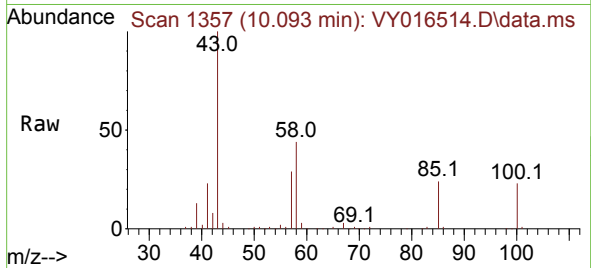




#51
4-Methyl-2-Pentanone
Concen: 87.954 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

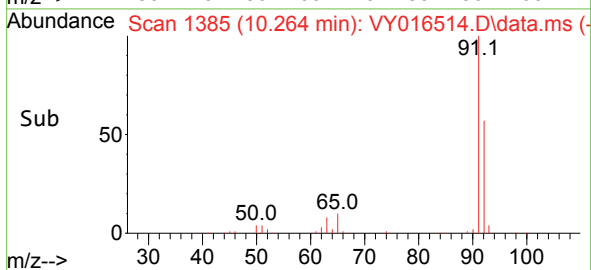
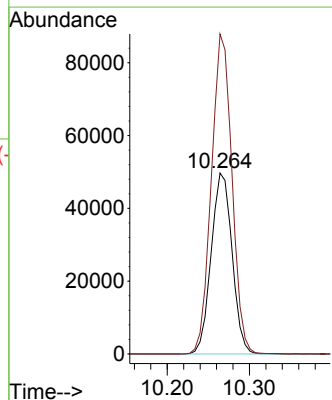
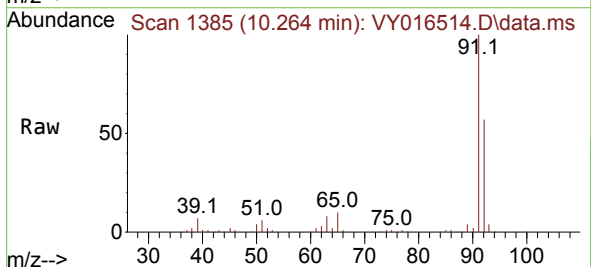
Instrument :
MSVOA_Y
ClientSampleId :

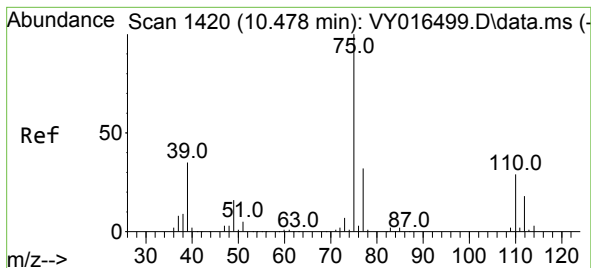
Tgt Ion: 43 Resp: 77291
Ion Ratio Lower Upper
43 100
58 44.7 29.0 43.6#



#52
Toluene
Concen: 22.211 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 92 Resp: 87768
Ion Ratio Lower Upper
92 100
91 174.3 143.8 215.6

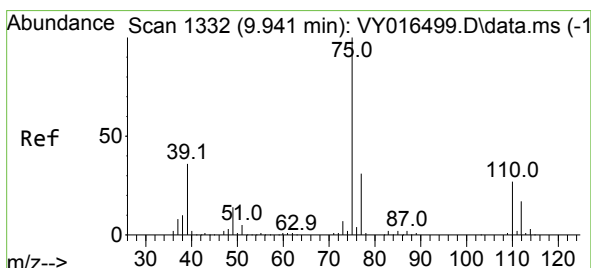
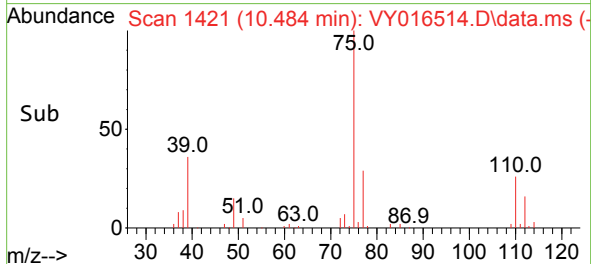
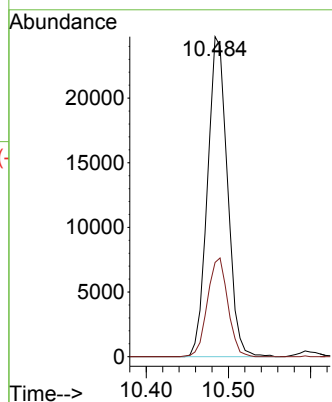
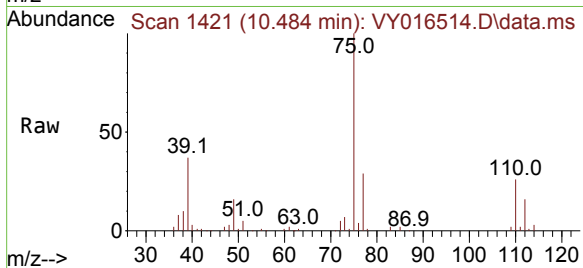




#53
t-1,3-Dichloropropene
Concen: 20.532 ug/l
RT: 10.484 min Scan# 1420
Delta R.T. 0.006 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

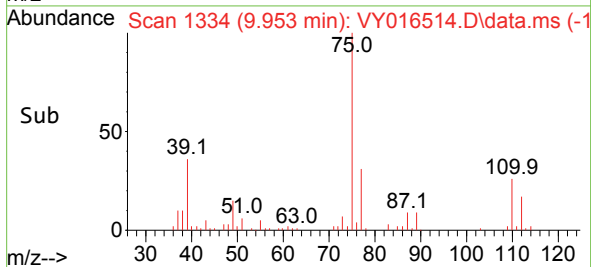
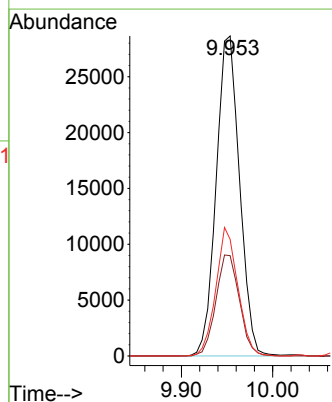
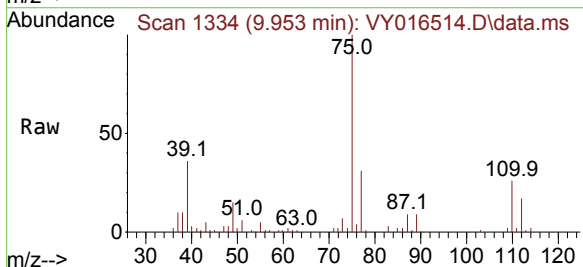
Instrument :
MSVOA_Y
ClientSampleId :

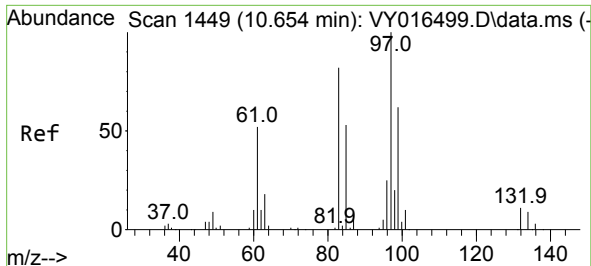
Tgt Ion: 75 Resp: 41631
Ion Ratio Lower Upper
75 100
77 29.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.049 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 75 Resp: 50977
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 36.4 42.2 63.4#

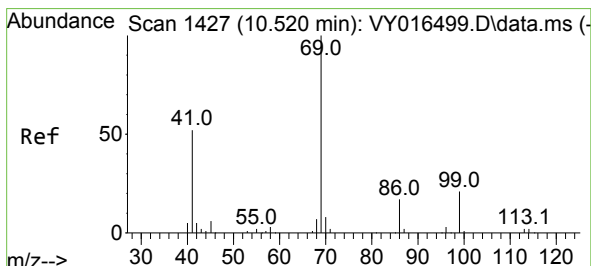
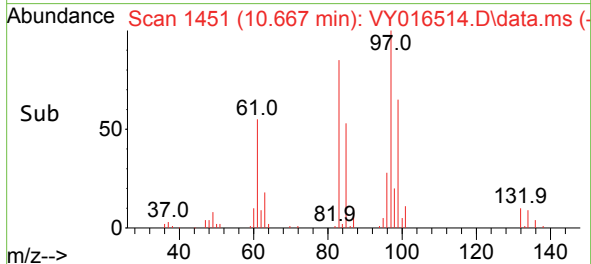
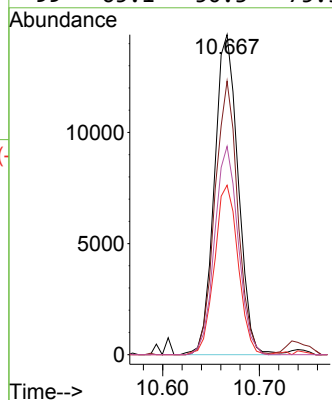
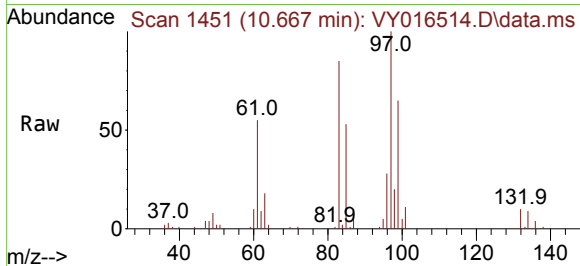




#55
1,1,2-Trichloroethane
Concen: 21.947 ug/l
RT: 10.667 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

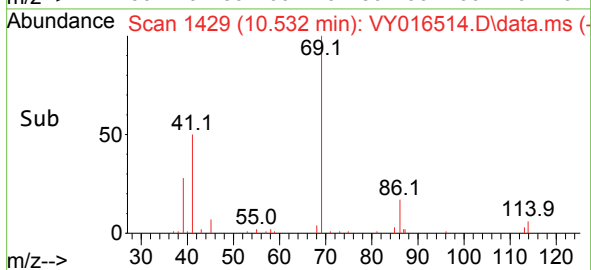
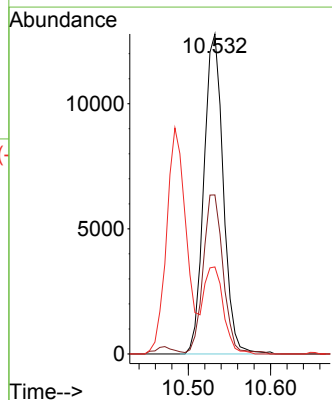
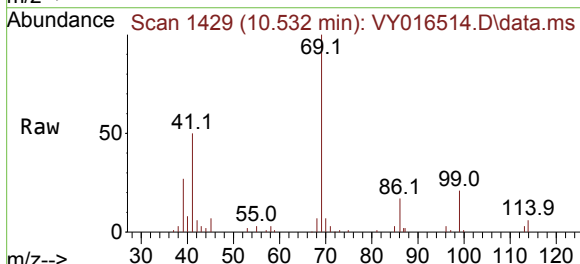
Instrument :
MSVOA_Y
ClientSampleId :

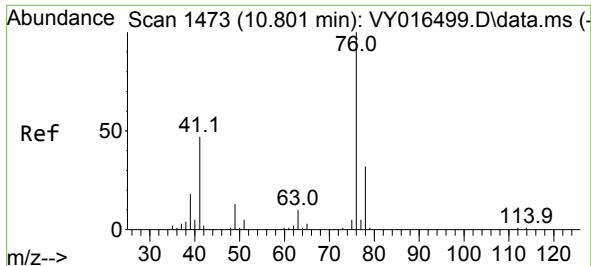
Tgt Ion:	97	Resp:	24610
Ion	Ratio	Lower	Upper
97	100		
83	85.5	72.0	108.0
85	53.0	45.4	68.0
99	65.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.732 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion:	69	Resp:	20887
Ion	Ratio	Lower	Upper
69	100		
41	51.6	57.6	86.4#
39	26.5	34.1	51.1#

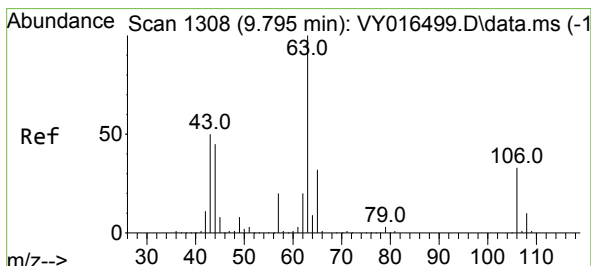
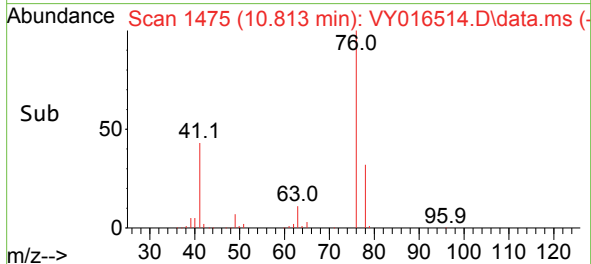
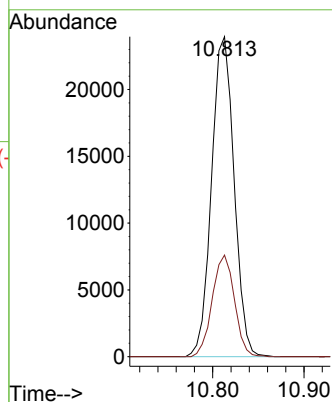
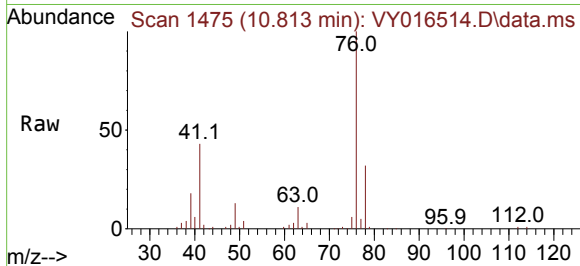




#57
1,3-Dichloropropane
Concen: 21.448 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

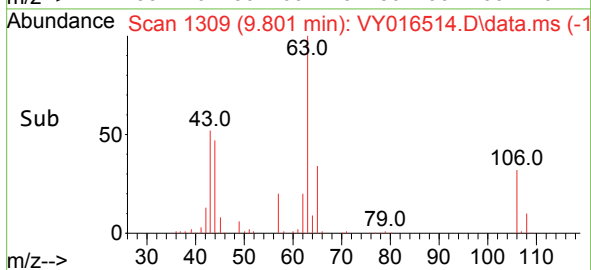
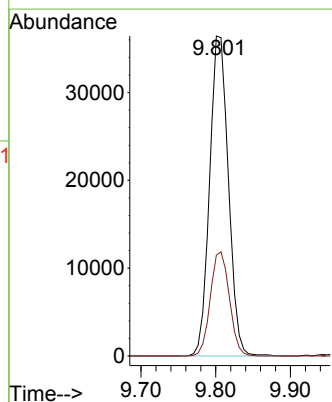
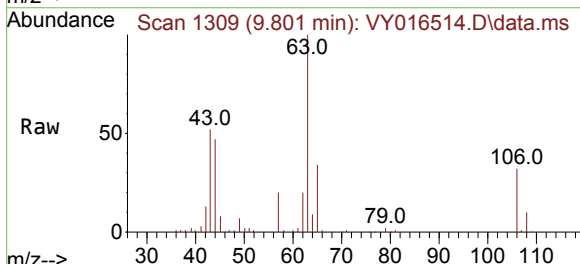
Instrument :
MSVOA_Y
ClientSampleId :

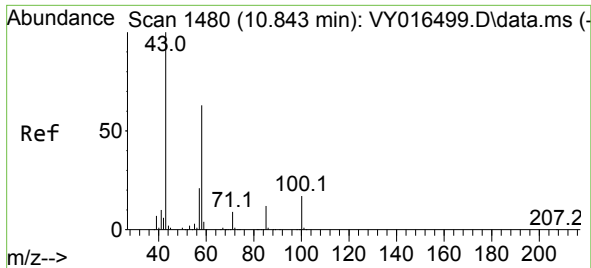
Tgt Ion: 76 Resp: 40996
Ion Ratio Lower Upper
76 100
78 31.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 88.555 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 63 Resp: 63560
Ion Ratio Lower Upper
63 100
106 32.9 21.2 31.8#

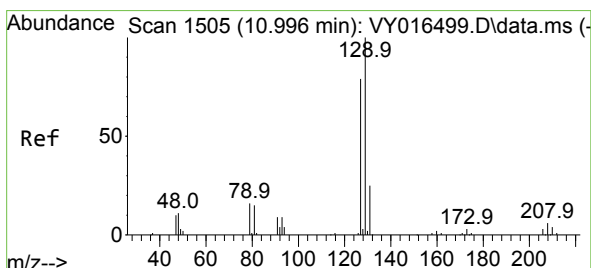
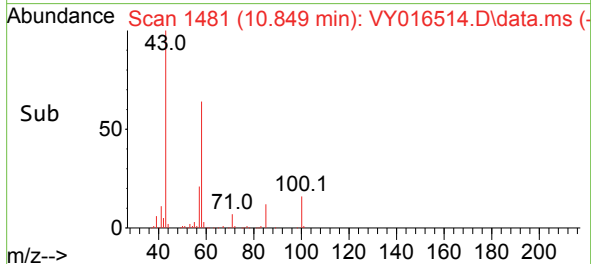
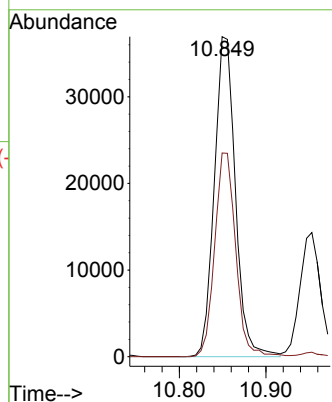
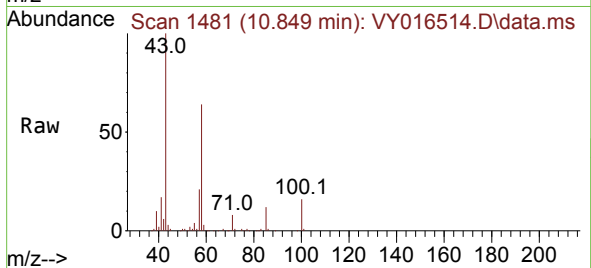




#59
2-Hexanone
Concen: 95.423 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

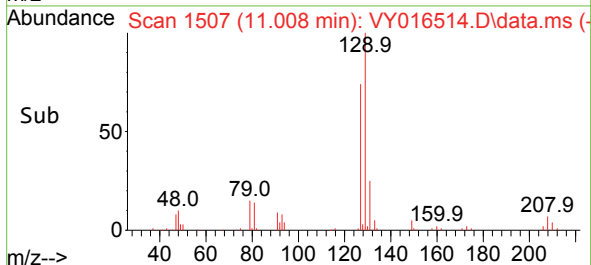
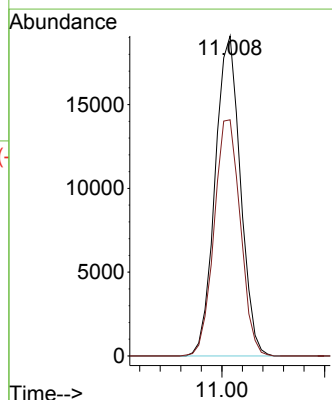
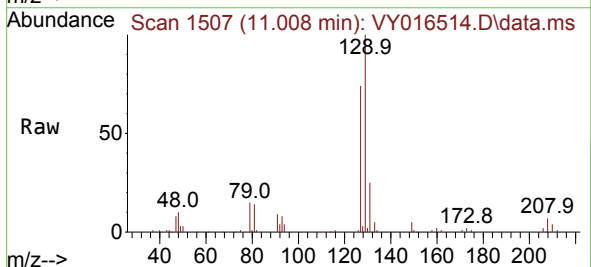
Instrument :
MSVOA_Y
ClientSampleId :

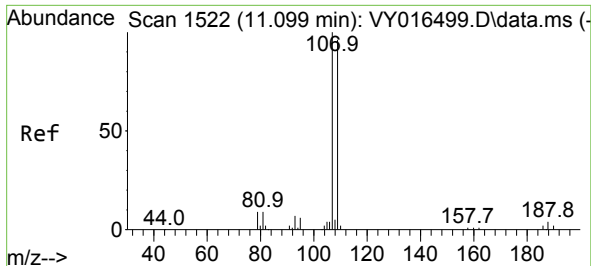
Tgt Ion: 43 Resp: 62373
Ion Ratio Lower Upper
43 100
58 63.5 25.1 75.3



#60
Dibromochloromethane
Concen: 23.242 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 129 Resp: 32595
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

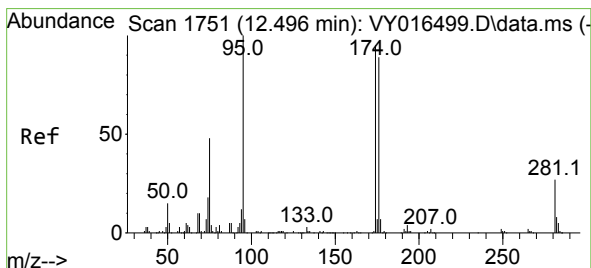
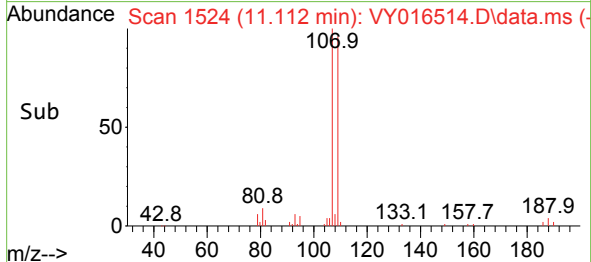
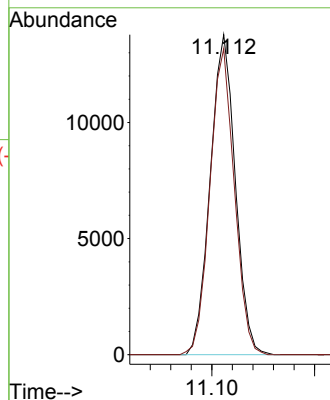
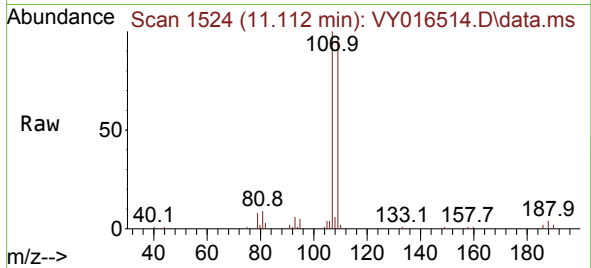




#61
1,2-Dibromoethane
Concen: 21.820 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

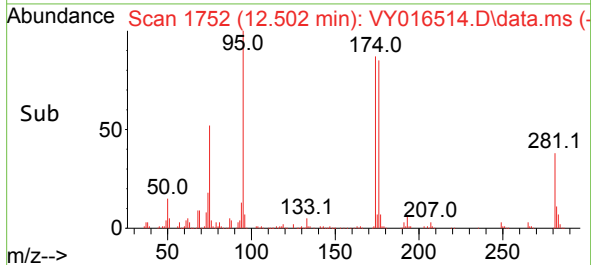
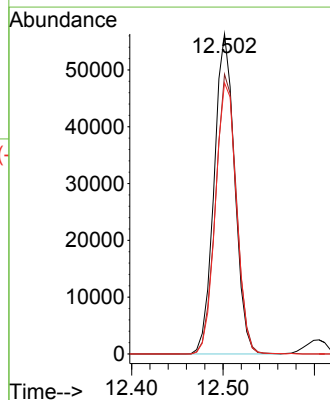
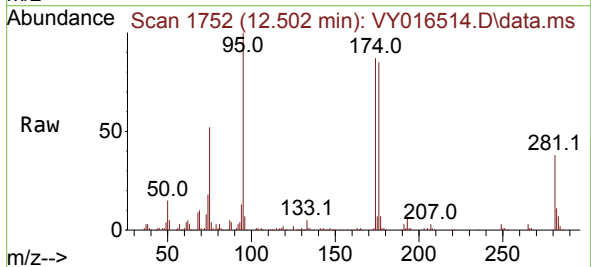
Instrument :
MSVOA_Y
ClientSampleId :

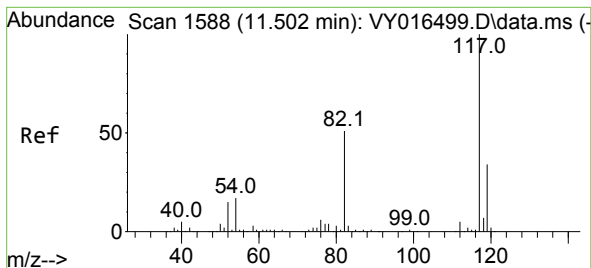
Tgt Ion:107 Resp: 23311
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.118 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 95 Resp: 87959
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.2
176 87.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

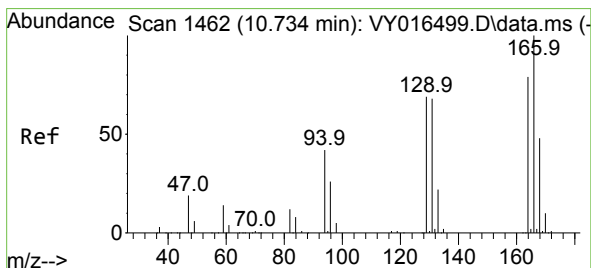
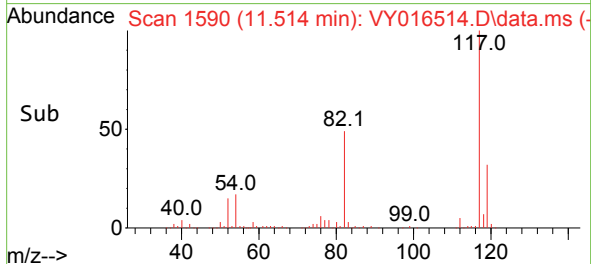
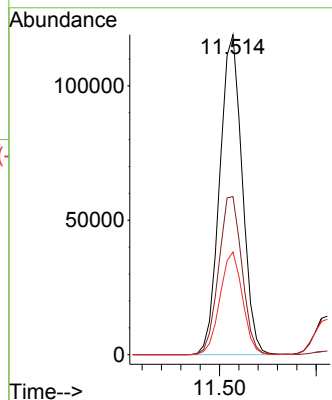
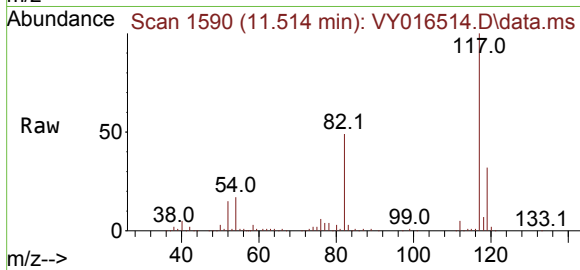
Tgt Ion:117 Resp: 191623

Ion Ratio Lower Upper

117 100

82 49.4 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 24.535 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Tgt Ion:164 Resp: 42214

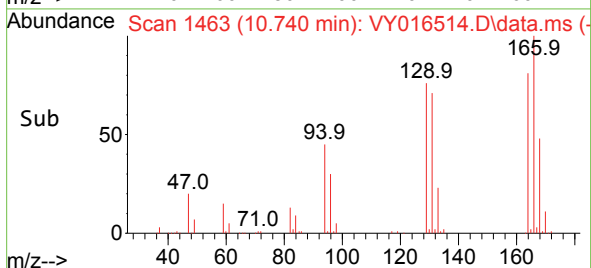
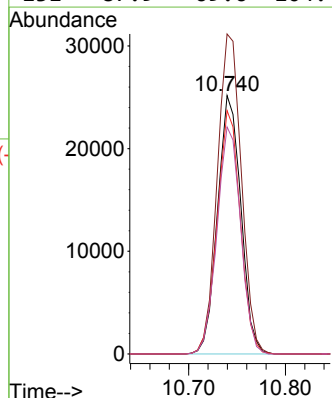
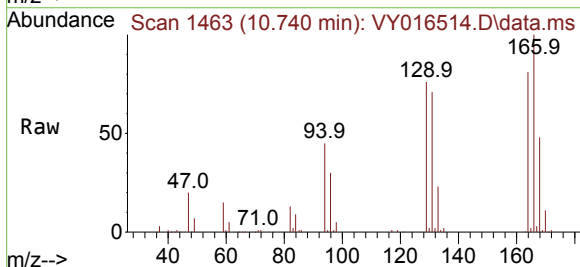
Ion Ratio Lower Upper

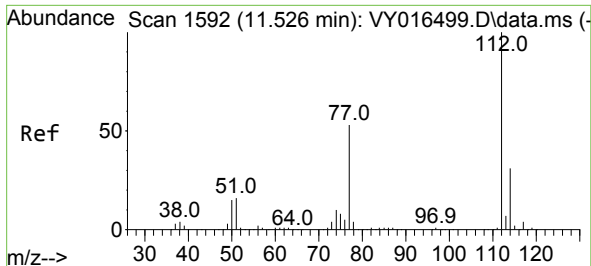
164 100

166 123.8 103.0 154.6

129 94.2 77.2 115.8

131 87.9 69.6 104.4

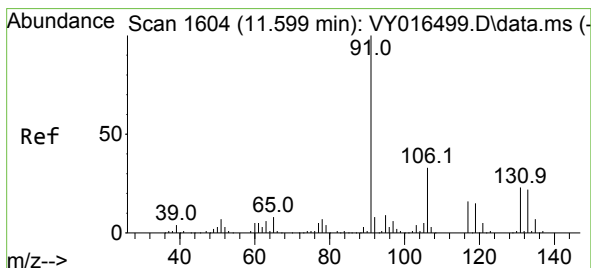
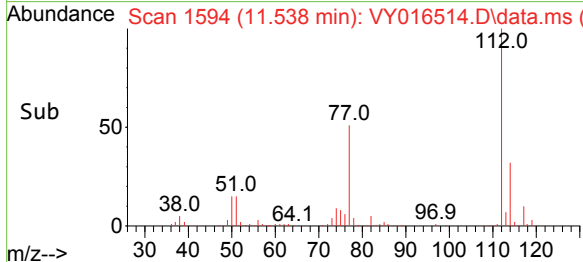
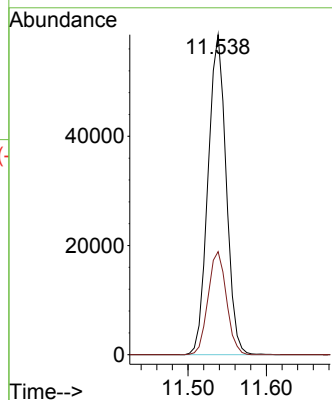
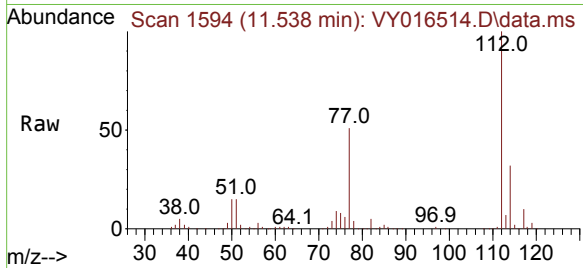




#65
Chlorobenzene
Concen: 22.991 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

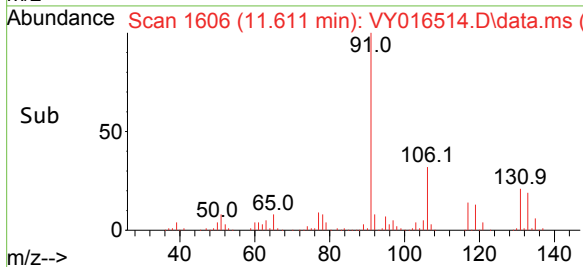
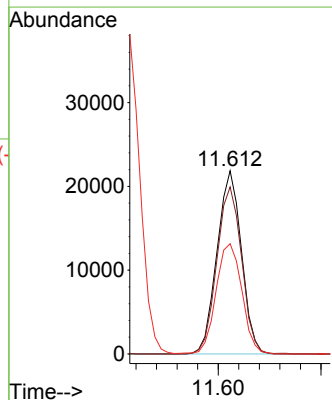
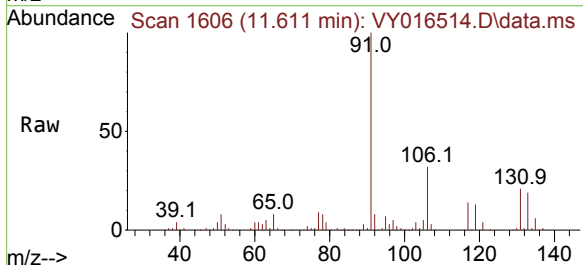
Instrument :
MSVOA_Y
ClientSampleId :

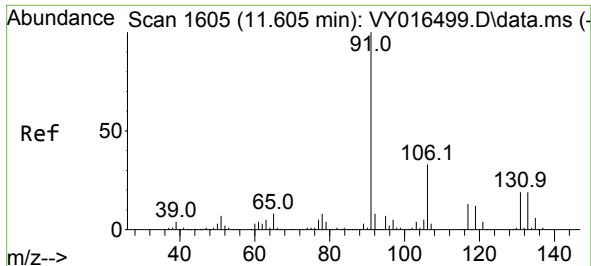
Tgt Ion:112 Resp: 94126
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.829 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion:131 Resp: 35982
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.6
119 63.7 31.6 94.7





#67

Ethyl Benzene

Concen: 22.750 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

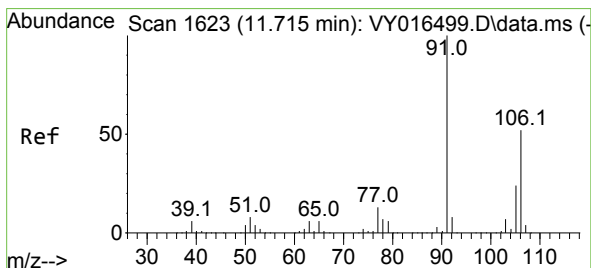
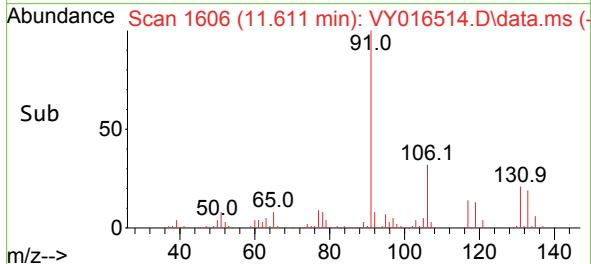
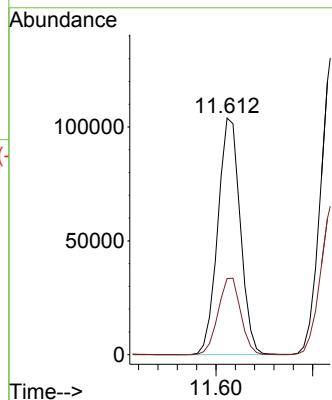
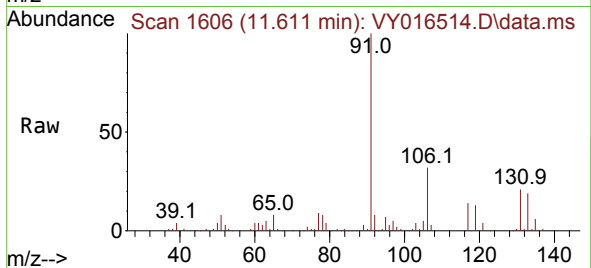
ClientSampleId :

Tgt Ion: 91 Resp: 167388

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 46.707 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016514.D

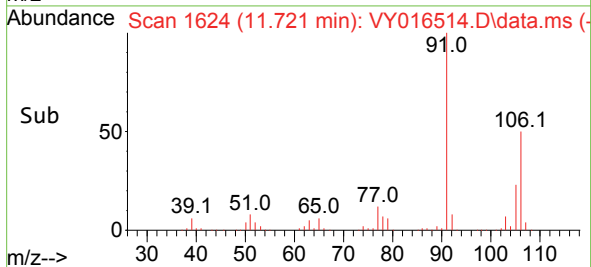
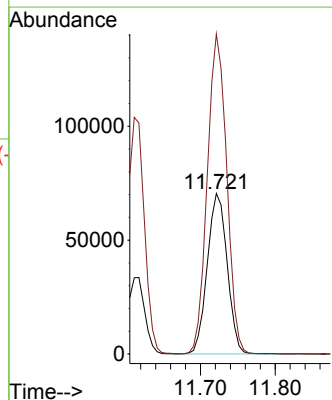
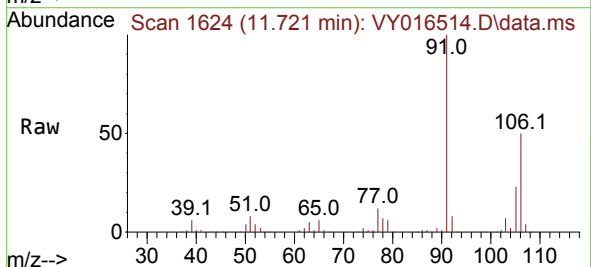
Acq: 28 Nov 2023 12:23

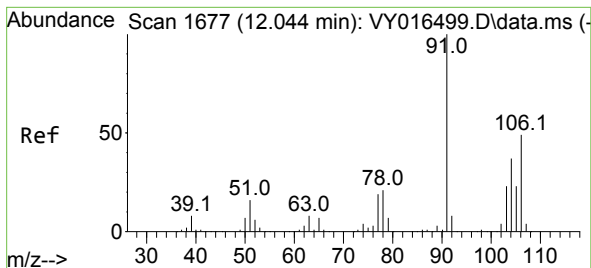
Tgt Ion:106 Resp: 130347

Ion Ratio Lower Upper

106 100

91 194.9 166.1 249.1





#69

o-Xylene

Concen: 23.173 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

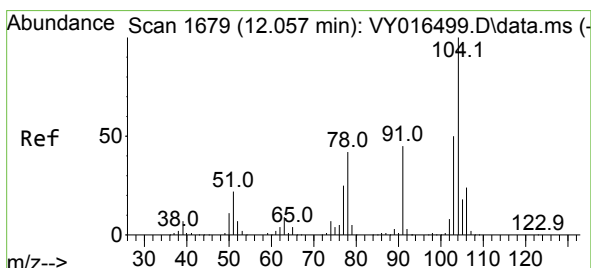
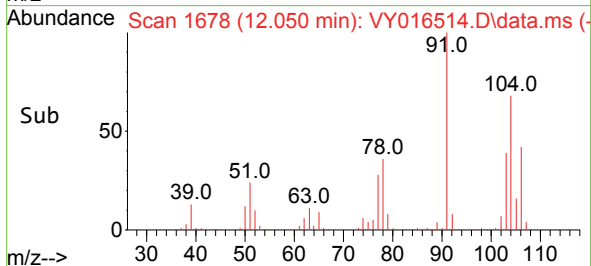
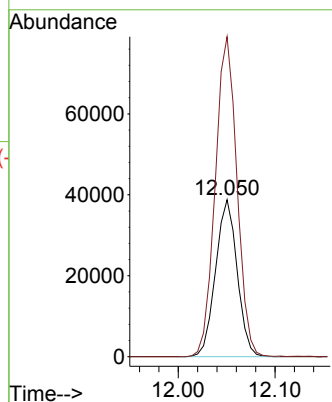
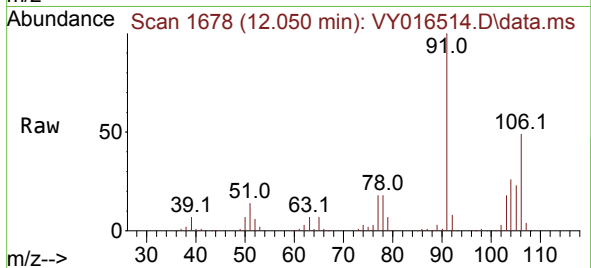
ClientSampleId :

Tgt Ion:106 Resp: 60042

Ion Ratio Lower Upper

106 100

91 205.1 108.1 324.3



#70

Styrene

Concen: 22.814 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

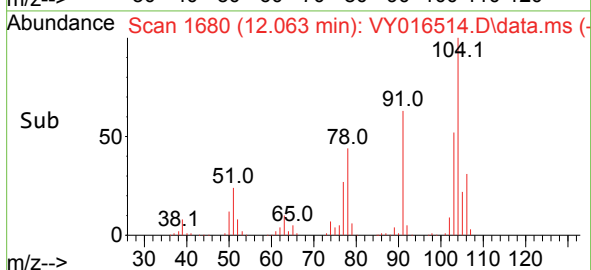
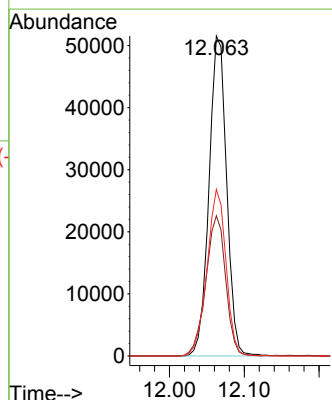
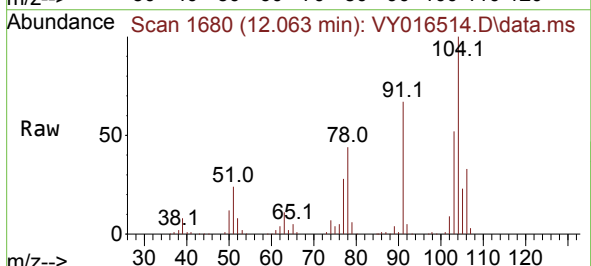
Tgt Ion:104 Resp: 84643

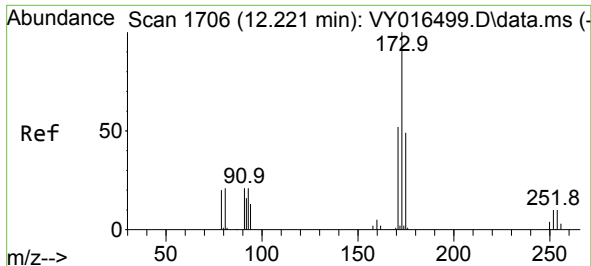
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 56.0 44.6 67.0

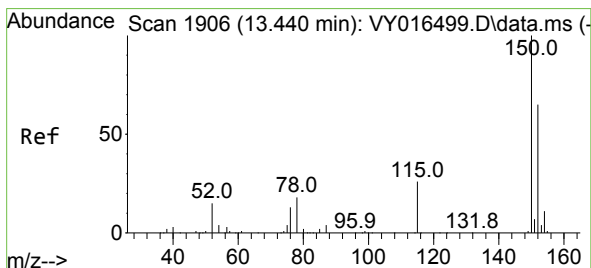
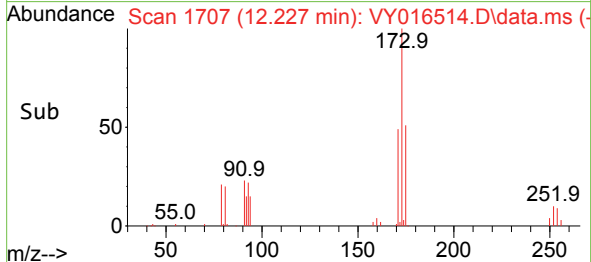
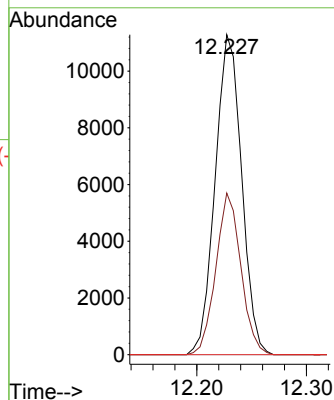
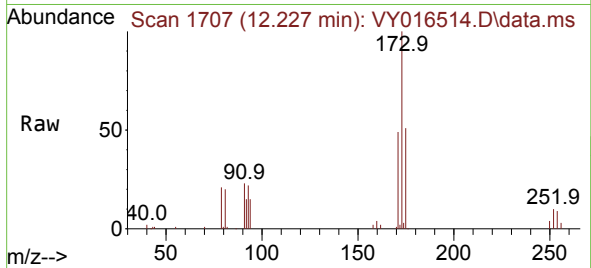




#71
Bromoform
Concen: 24.158 ug/l
RT: 12.227 min Scan# 1707
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

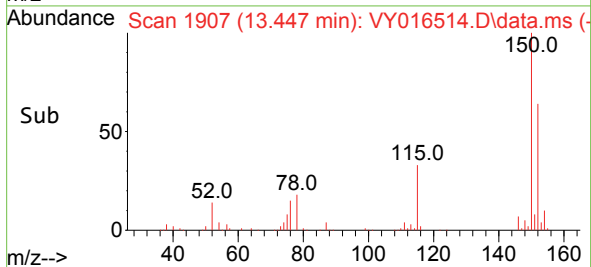
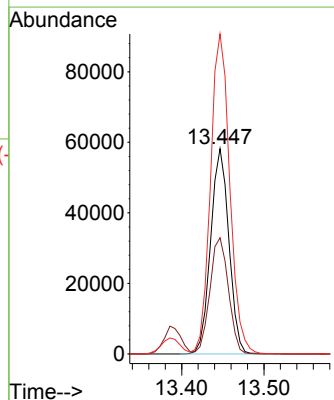
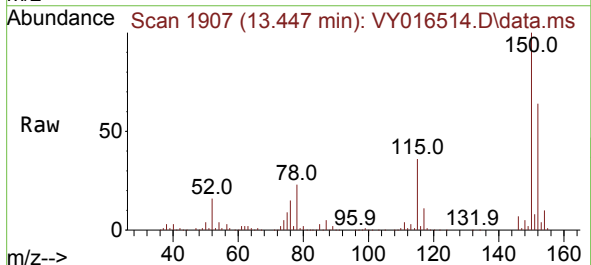
Instrument :
MSVOA_Y
ClientSampleId :

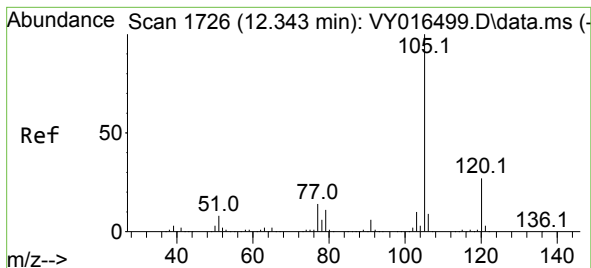
Tgt Ion:173 Resp: 18929
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion:152 Resp: 89800
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 164.4 0.0 348.8





#73

Isopropylbenzene

Concen: 22.730 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

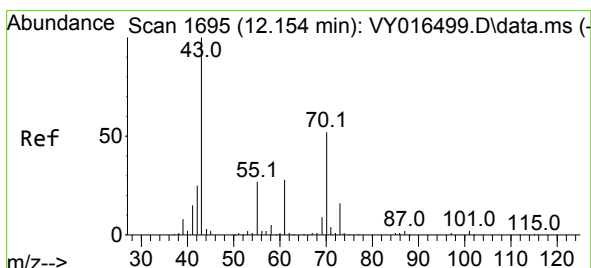
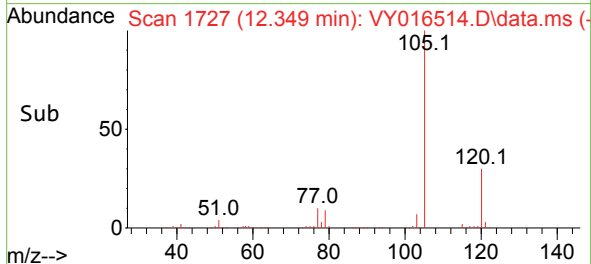
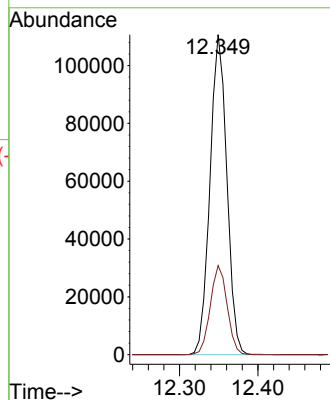
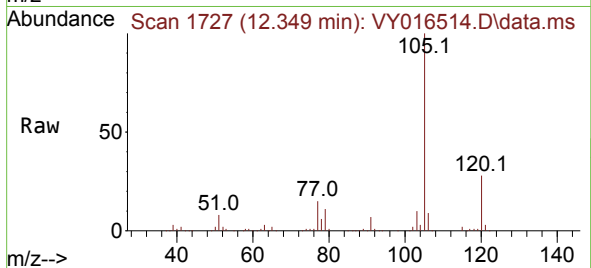
ClientSampleId :

Tgt Ion:105 Resp: 165286

Ion Ratio Lower Upper

105 100

120 27.8 13.3 39.9



#74

N-ethyl acetate

Concen: 16.393 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Tgt Ion: 43 Resp: 23945

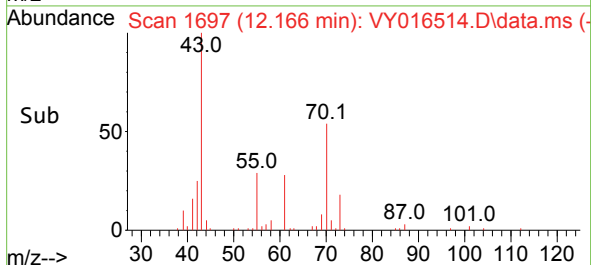
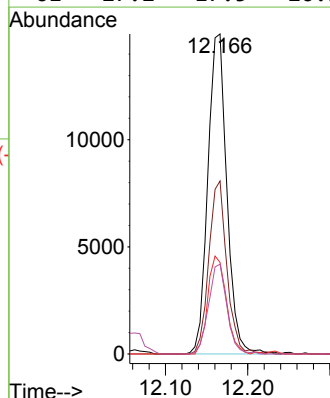
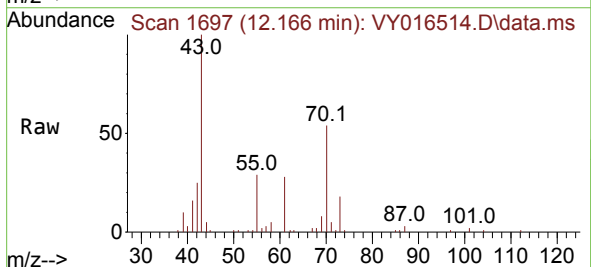
Ion Ratio Lower Upper

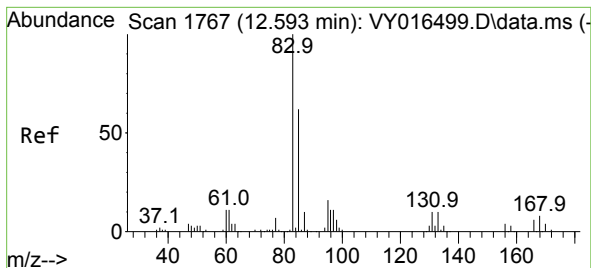
43 100

70 51.7 29.7 44.5#

55 29.8 18.3 27.5#

61 27.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.127 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

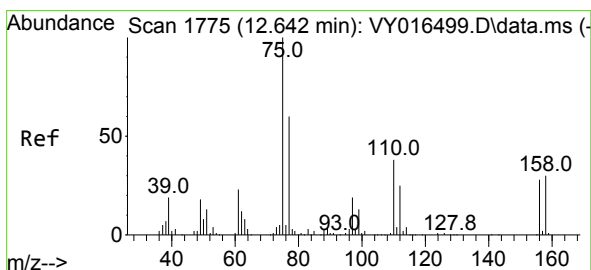
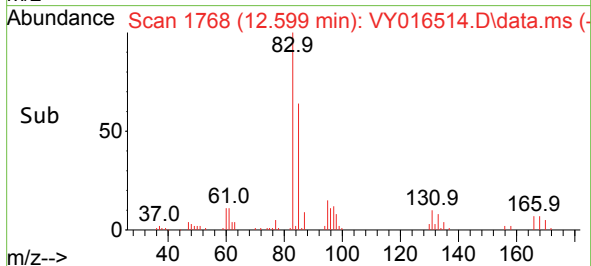
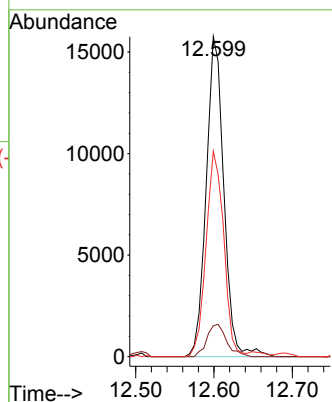
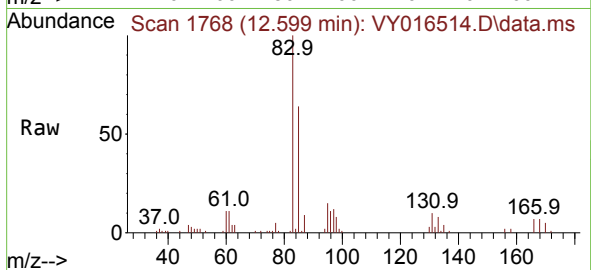
Tgt Ion: 83 Resp: 24652

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.414 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016514.D

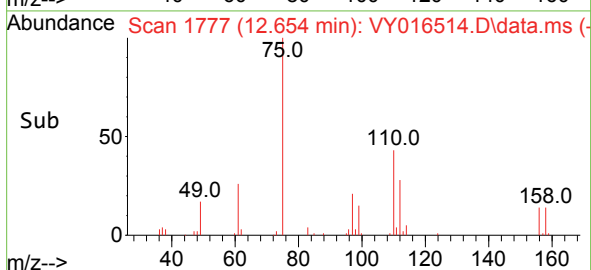
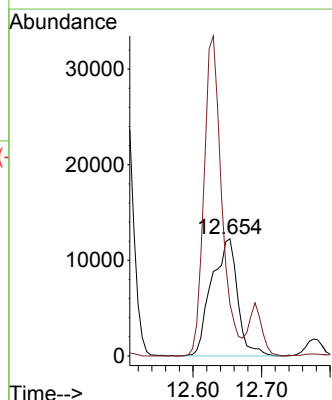
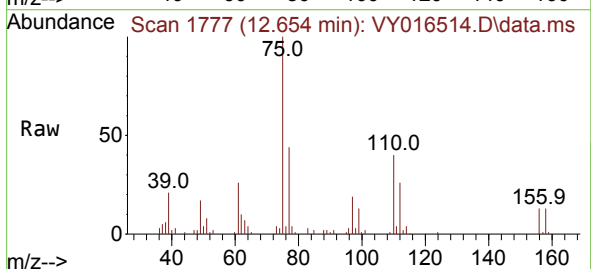
Acq: 28 Nov 2023 12:23

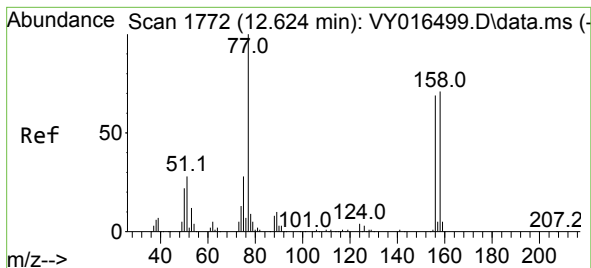
Tgt Ion: 75 Resp: 32230

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.293 ug/l

RT: 12.630 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

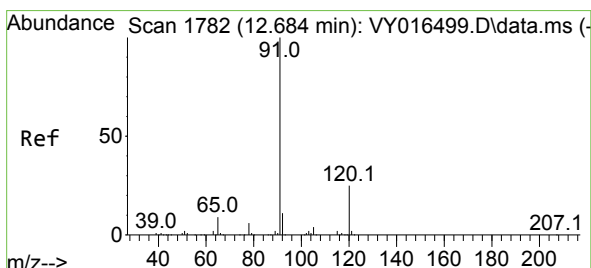
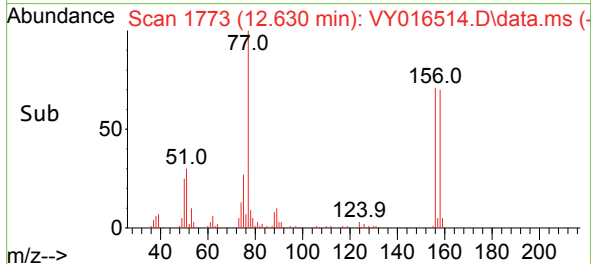
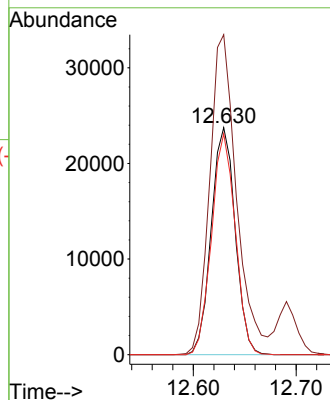
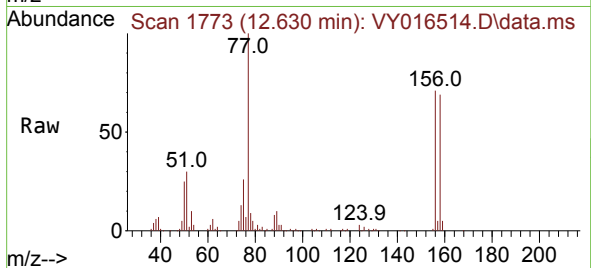
Tgt Ion:156 Resp: 38282

Ion Ratio Lower Upper

156 100

77 158.5 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 22.219 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016514.D

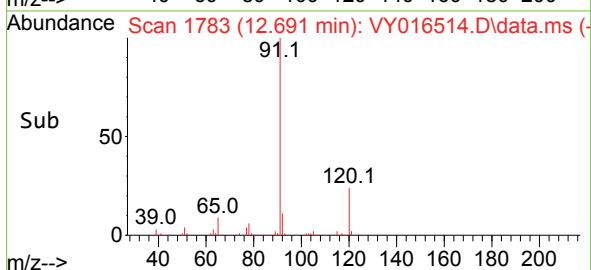
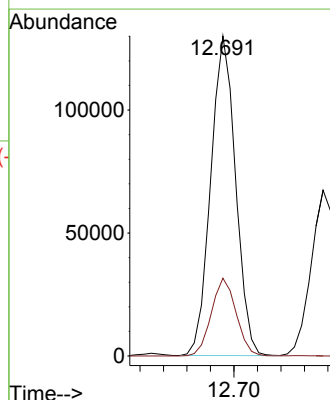
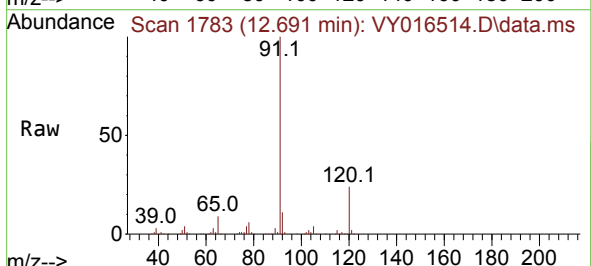
Acq: 28 Nov 2023 12:23

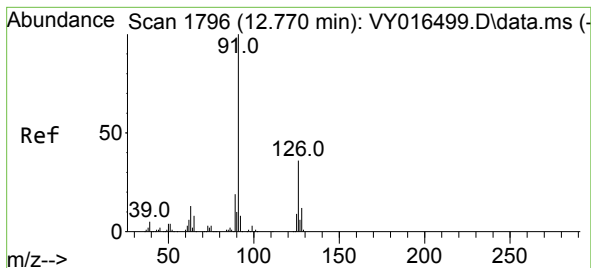
Tgt Ion: 91 Resp: 190946

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

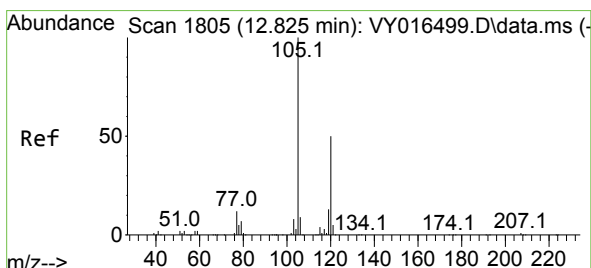
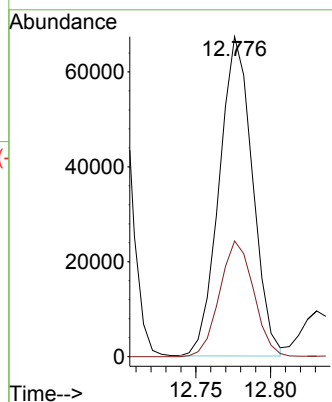
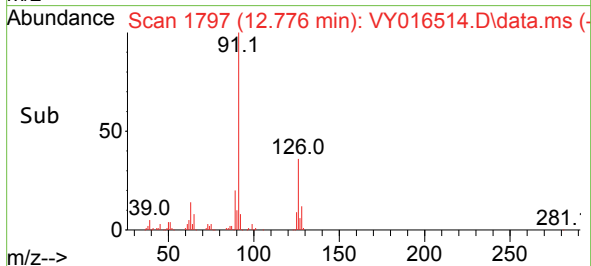
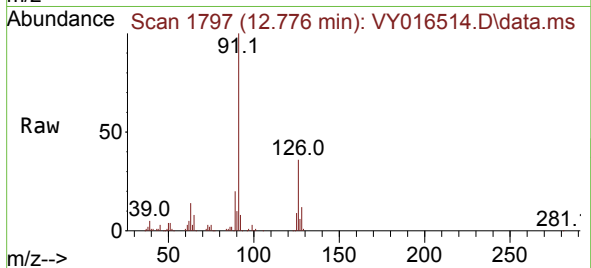




#79
2-Chlorotoluene
Concen: 22.006 ug/l
RT: 12.776 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

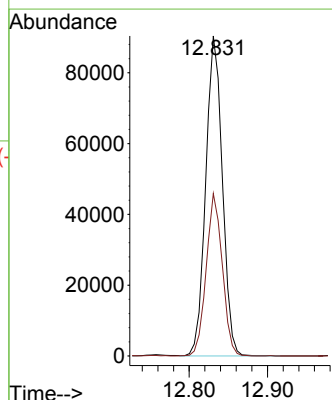
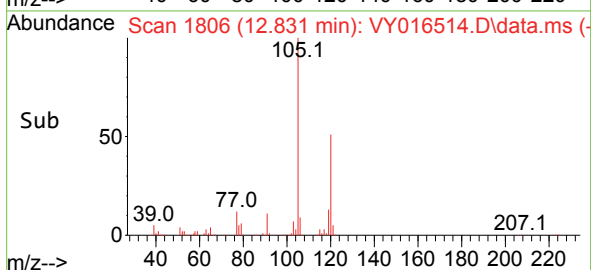
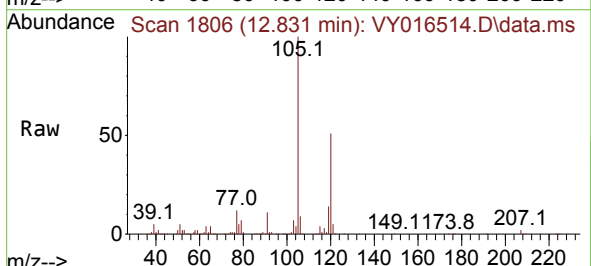
Instrument :
MSVOA_Y
ClientSampleId :

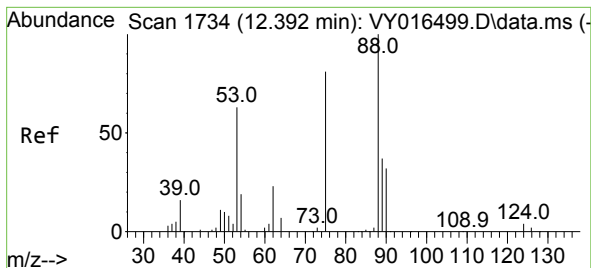
Tgt Ion: 91 Resp: 104222
Ion Ratio Lower Upper
91 100
126 37.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.715 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion:105 Resp: 133176
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

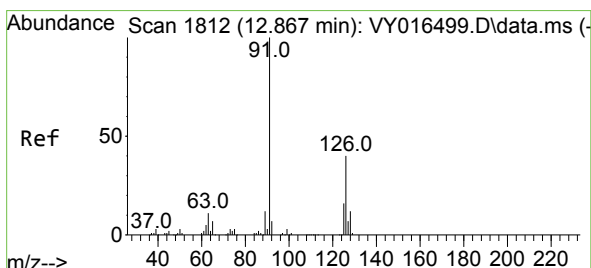
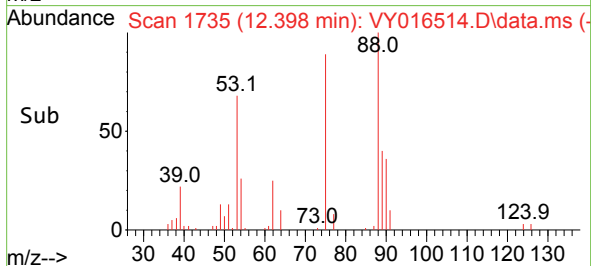
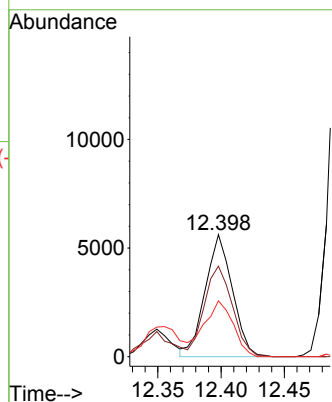
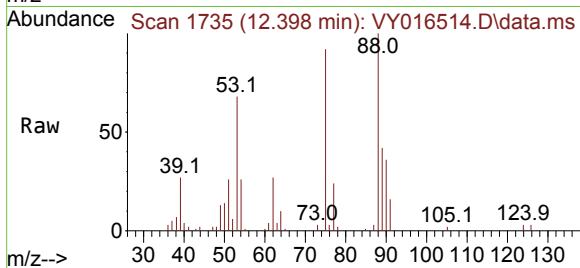




#81
trans-1,4-Dichloro-2-butene
Concen: 21.196 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

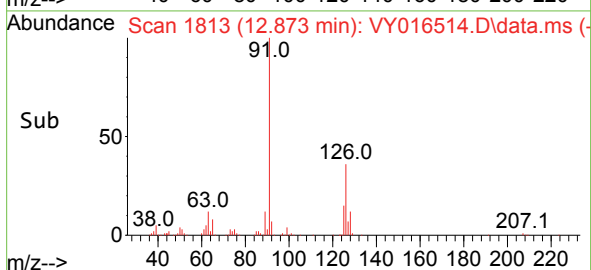
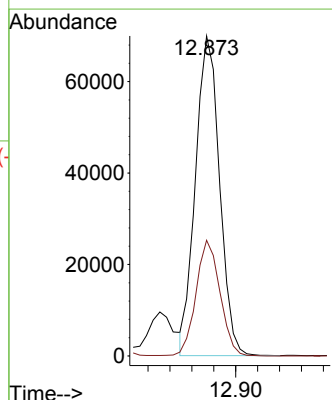
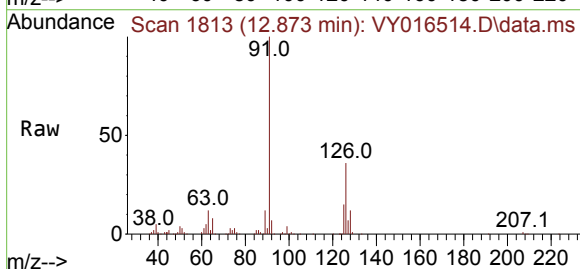
Instrument :
MSVOA_Y
ClientSampleId :

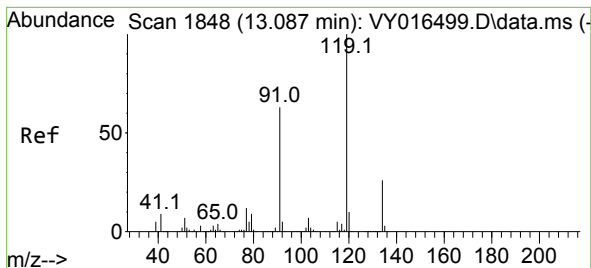
Tgt Ion: 75 Resp: 8412
Ion Ratio Lower Upper
75 100
53 76.6 77.8 116.8#
89 48.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.774 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016514.D
Acq: 28 Nov 2023 12:23

Tgt Ion: 91 Resp: 106557
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.910 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

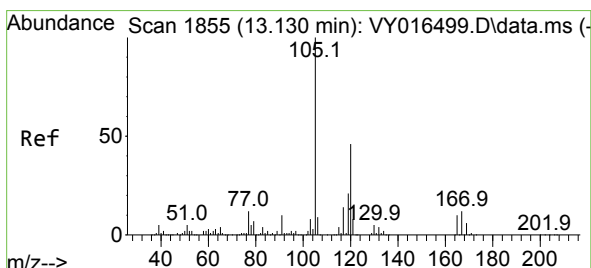
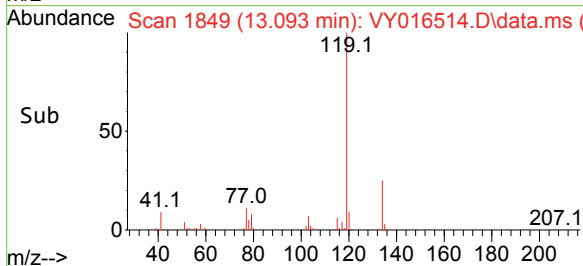
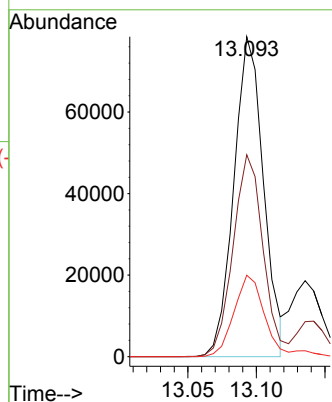
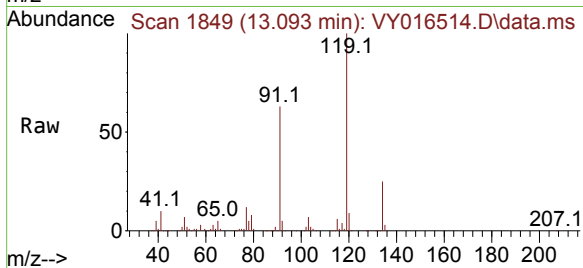
Tgt Ion:119 Resp: 118312

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.628 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016514.D

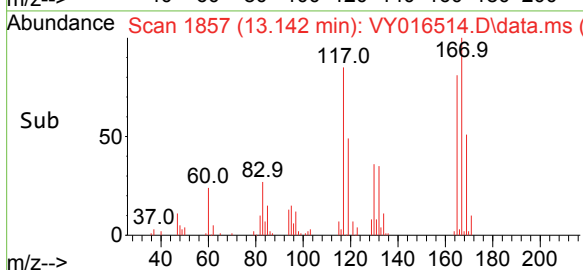
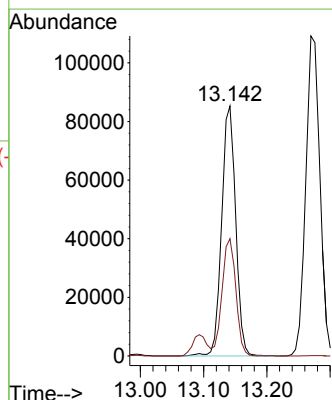
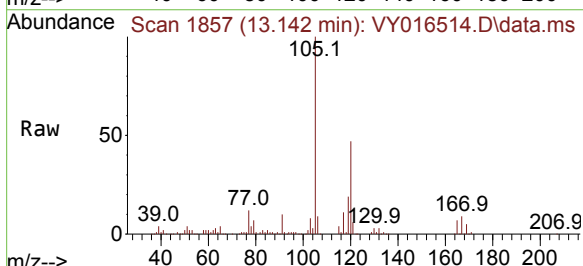
Acq: 28 Nov 2023 12:23

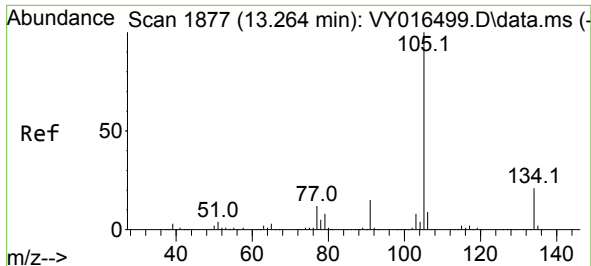
Tgt Ion:105 Resp: 130629

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6

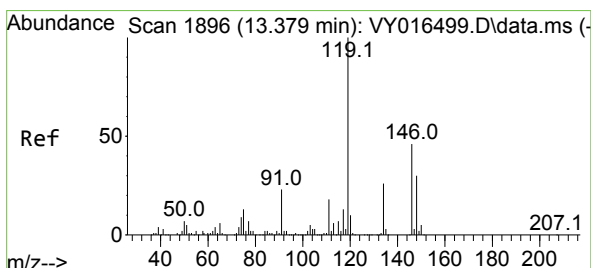
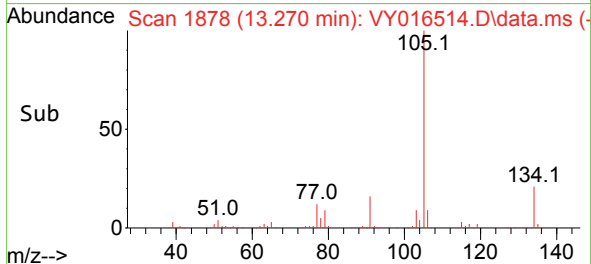
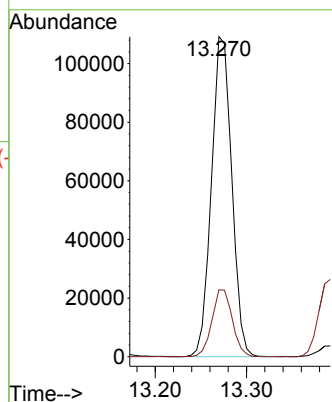
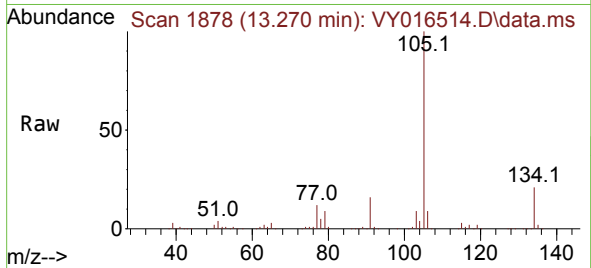




#85
 sec-Butylbenzene
 Concen: 22.843 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016514.D
 Acq: 28 Nov 2023 12:23

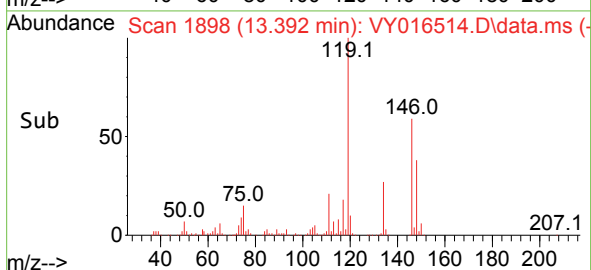
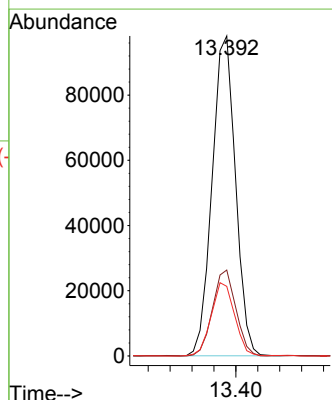
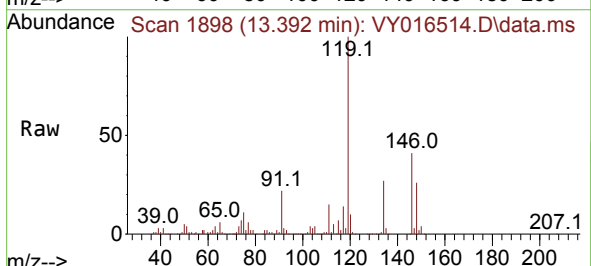
Instrument :
 MSVOA_Y
 ClientSampleId :

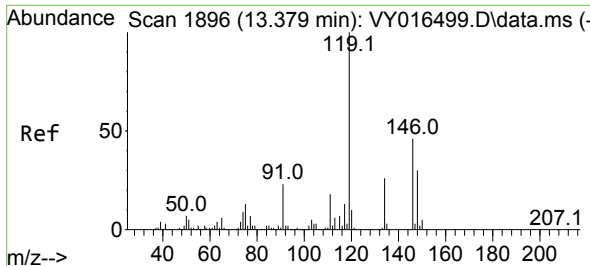
Tgt Ion:105 Resp: 168527
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.866 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.012 min
 Lab File: VY016514.D
 Acq: 28 Nov 2023 12:23

Tgt Ion:119 Resp: 145258
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.0 12.4 37.4

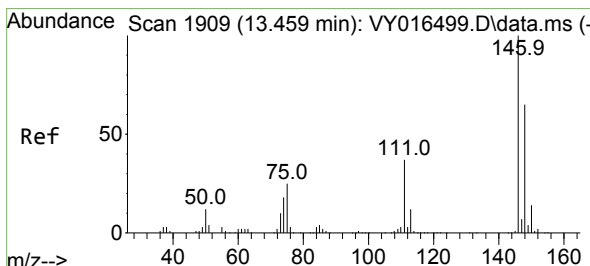
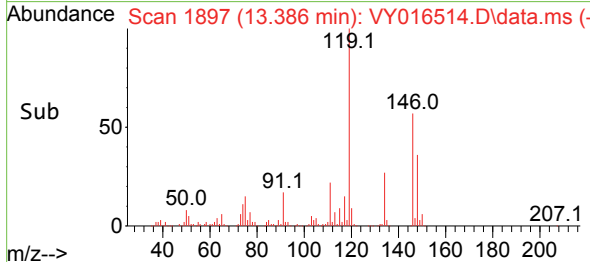
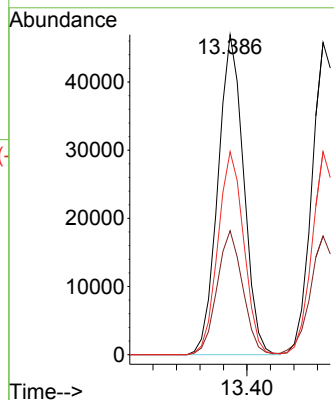
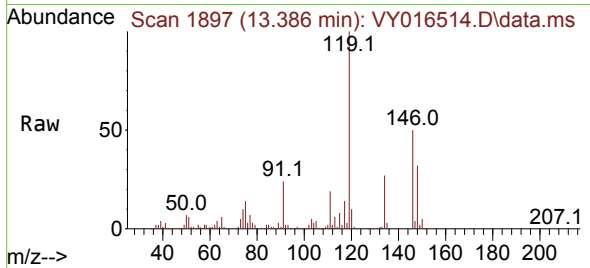




#87
 1,3-Dichlorobenzene
 Concen: 22.562 ug/l
 RT: 13.386 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY016514.D
 Acq: 28 Nov 2023 12:23

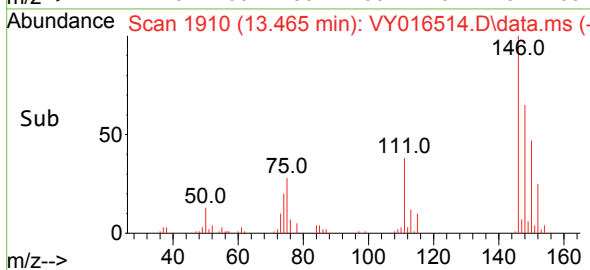
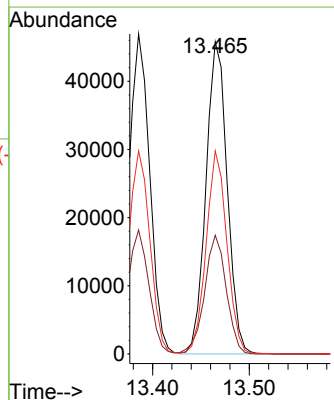
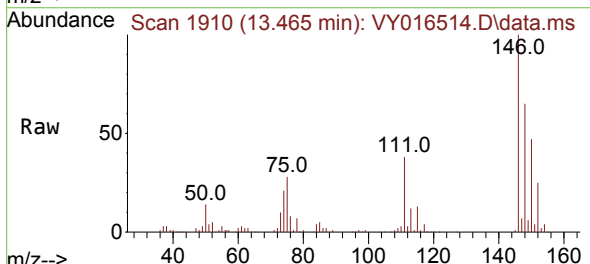
Instrument :
 MSVOA_Y
 ClientSampleId :

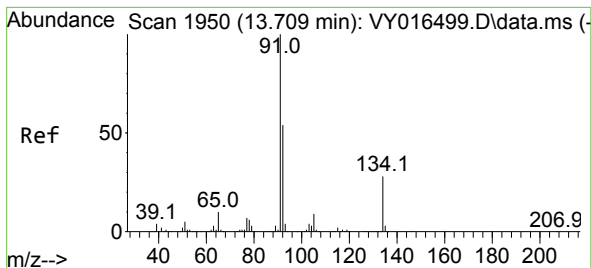
Tgt Ion:146 Resp: 71338
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.614 ug/l
 RT: 13.465 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY016514.D
 Acq: 28 Nov 2023 12:23

Tgt Ion:146 Resp: 69882
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.7
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 21.765 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

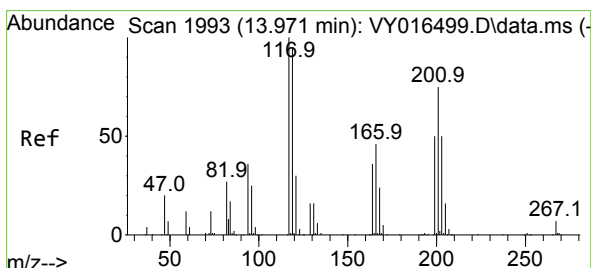
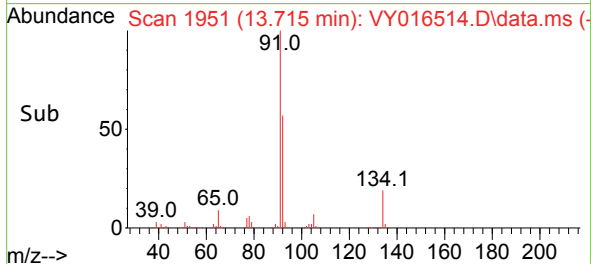
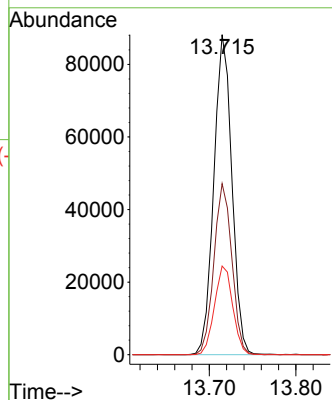
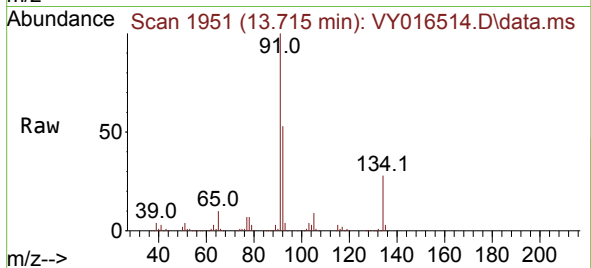
Tgt Ion: 91 Resp: 127690

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 22.679 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016514.D

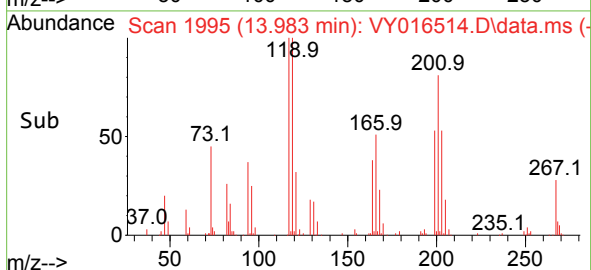
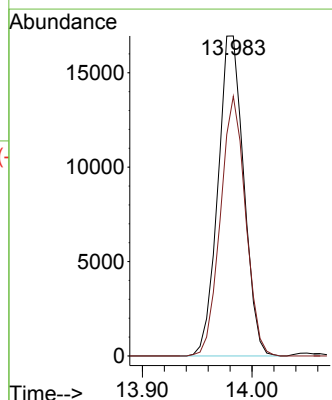
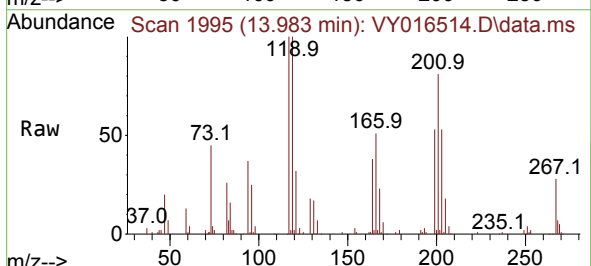
Acq: 28 Nov 2023 12:23

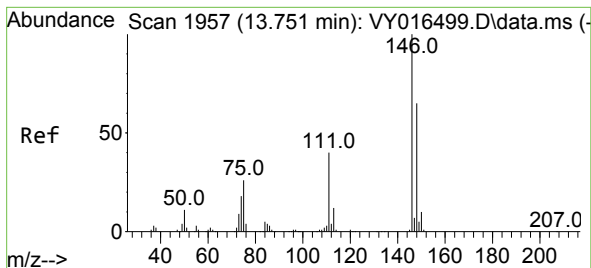
Tgt Ion: 117 Resp: 27792

Ion Ratio Lower Upper

117 100

201 78.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.539 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

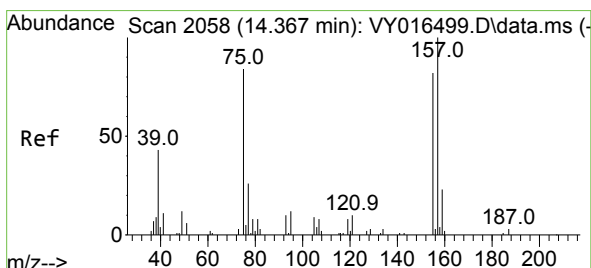
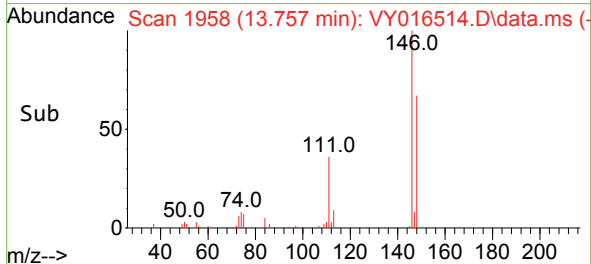
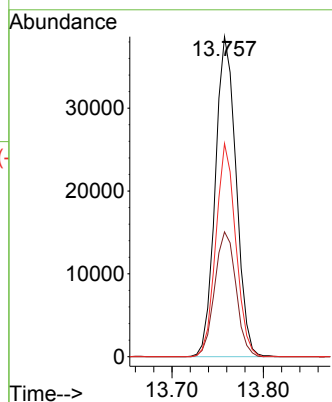
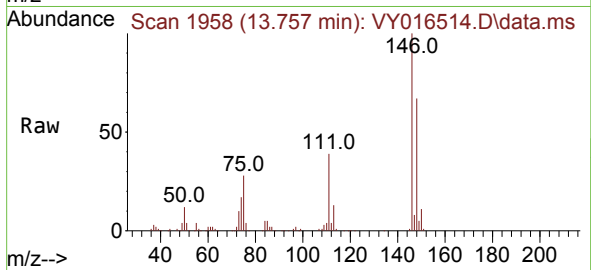
Tgt Ion:146 Resp: 61069

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.009 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

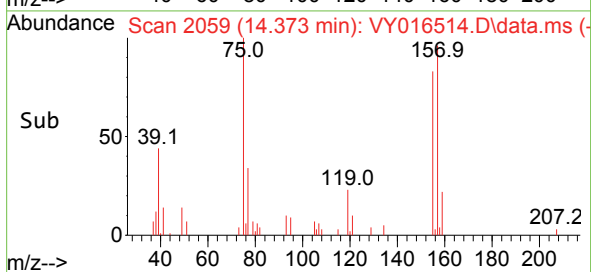
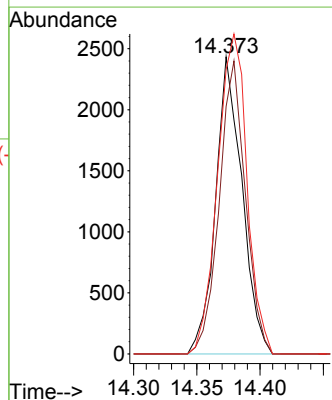
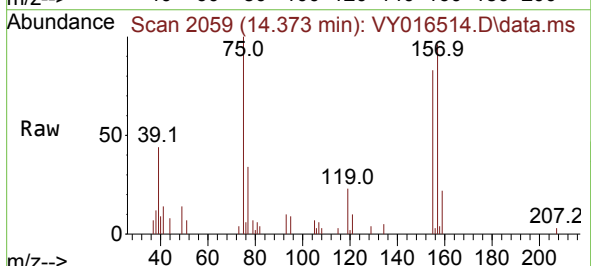
Tgt Ion: 75 Resp: 3529

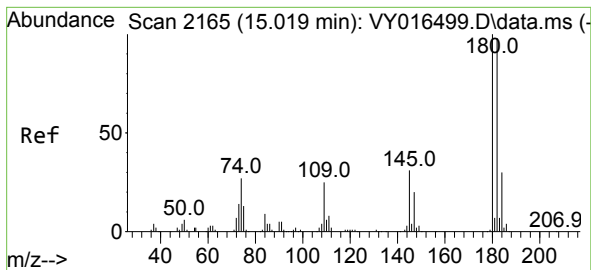
Ion Ratio Lower Upper

75 100

155 98.0 41.5 124.6

157 120.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.890 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

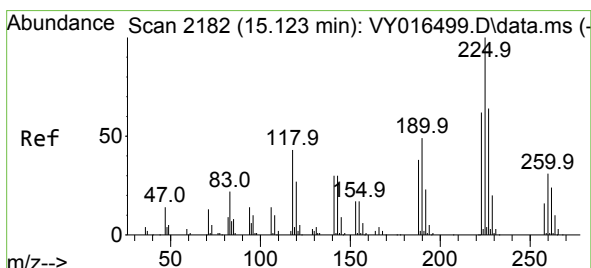
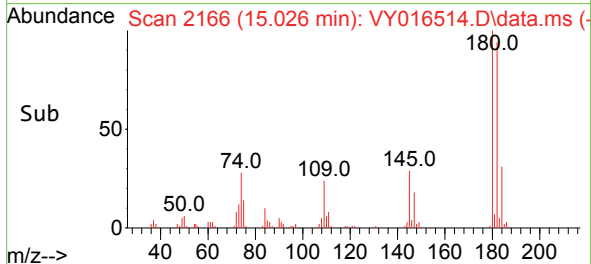
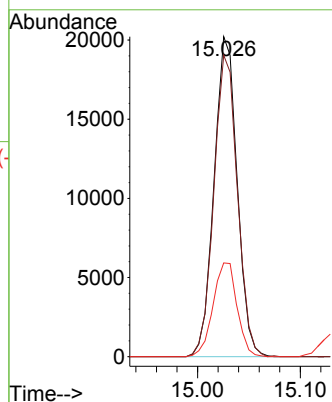
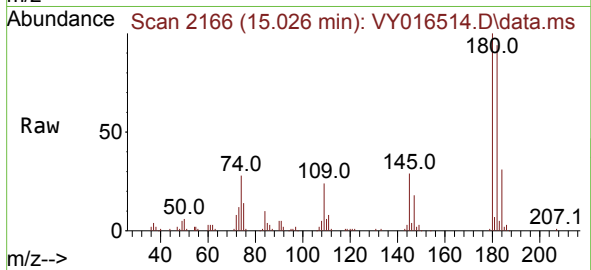
Tgt Ion:180 Resp: 31456

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 23.539 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

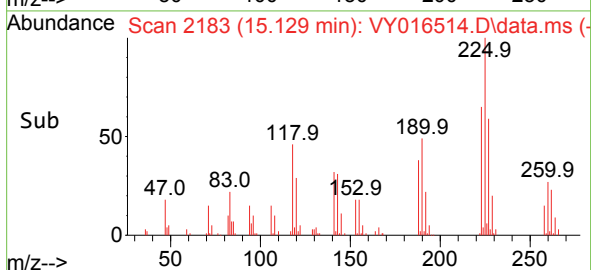
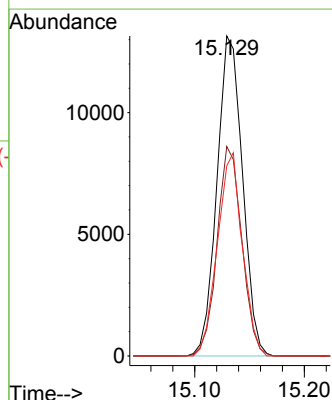
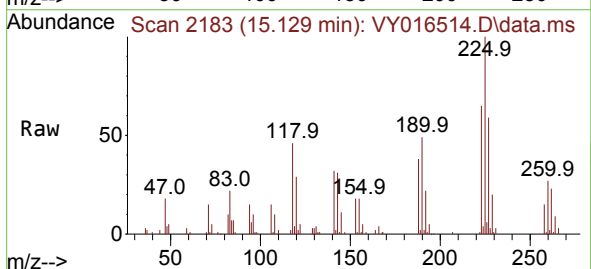
Tgt Ion:225 Resp: 21328

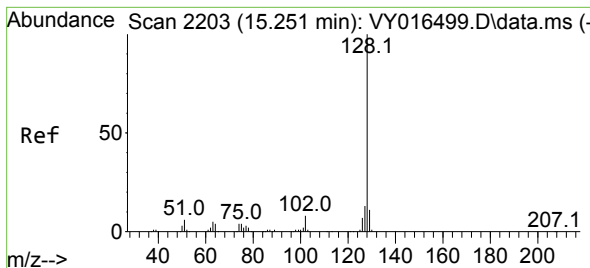
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 62.0 33.0 98.9





#95

Naphthalene

Concen: 18.476 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016514.D

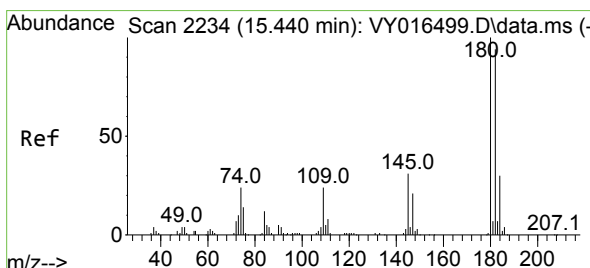
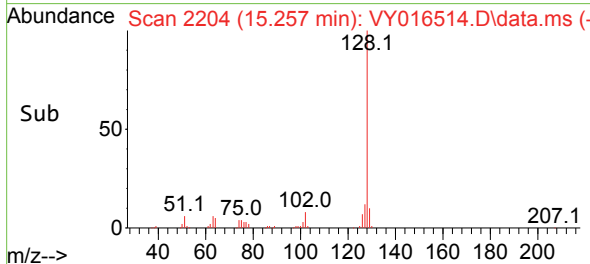
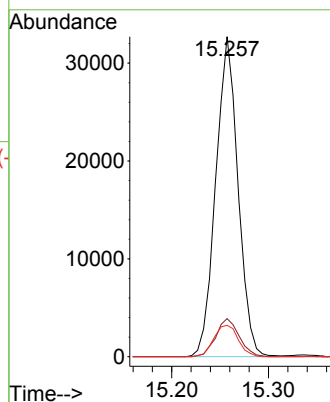
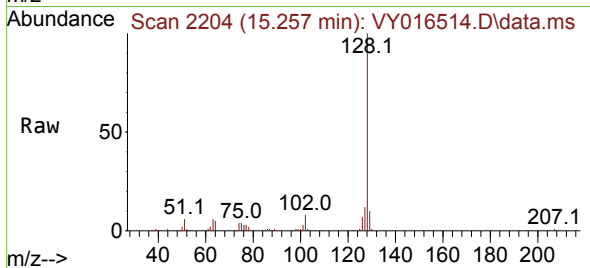
Acq: 28 Nov 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	52262
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.8 16.2
129	10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.170 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016514.D

Acq: 28 Nov 2023 12:23

Tgt Ion:180	Resp:	25076
Ion Ratio	Lower	Upper
180	100	
182	97.1	47.3 141.8
145	32.6	15.4 46.2

