

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016524.D
 Acq On : 28 Nov 2023 16:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:10:12 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	7.813	168	139074	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	218736	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	192324	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	89784	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59303	46.656	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.320%
35) Dibromofluoromethane	7.746	113	69711	56.103	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.200%
50) Toluene-d8	10.203	98	253249	50.259	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.502	95	85501	52.245	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	61170	44.919	ug/l	94
3) Chloromethane	2.125	50	69048	43.295	ug/l	98
4) Vinyl Chloride	2.266	62	79478	46.344	ug/l	95
5) Bromomethane	2.674	94	53018	47.042	ug/l	100
6) Chloroethane	2.814	64	51414	46.984	ug/l	94
7) Trichlorofluoromethane	3.150	101	127976	51.292	ug/l	99
8) Diethyl Ether	3.552	74	36851	49.418	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.930	101	72305	48.115	ug/l	98
10) Methyl Iodide	4.119	142	92515	57.002	ug/l	97
11) Tert butyl alcohol	4.979	59	18931	190.193	ug/l #	95
12) 1,1-Dichloroethene	3.899	96	70884	50.437	ug/l	82
13) Acrolein	3.753	56	24441	203.577	ug/l	97
14) Allyl chloride	4.509	41	86903	43.575	ug/l #	87
15) Acrylonitrile	5.198	53	69465	234.734	ug/l	96
16) Acetone	3.973	43	50865	241.923	ug/l #	81
17) Carbon Disulfide	4.229	76	206364	48.666	ug/l	97
18) Methyl Acetate	4.509	43	52191	46.715	ug/l #	81
19) Methyl tert-butyl Ether	5.259	73	167127	49.133	ug/l	95
20) Methylene Chloride	4.753	84	80660	54.628	ug/l #	78
21) trans-1,2-Dichloroethene	5.253	96	84375	52.143	ug/l	87
22) Diisopropyl ether	6.149	45	188525	43.863	ug/l #	87
23) Vinyl Acetate	6.094	43	432431	207.640	ug/l #	88
24) 1,1-Dichloroethane	6.051	63	130076	49.057	ug/l #	95
25) 2-Butanone	7.015	43	77466	210.352	ug/l #	80
26) 2,2-Dichloropropane	7.009	77	119219	49.401	ug/l	95
27) cis-1,2-Dichloroethene	7.015	96	92619	53.112	ug/l	86
28) Bromochloromethane	7.368	49	45252	46.112	ug/l #	69
29) Tetrahydrofuran	7.380	42	50486	207.408	ug/l #	78
30) Chloroform	7.533	83	145826	52.836	ug/l	97
31) Cyclohexane	7.813	56	105005	41.959	ug/l #	85
32) 1,1,1-Trichloroethane	7.734	97	136261	53.859	ug/l	95
36) 1,1-Dichloropropene	7.947	75	106611	49.412	ug/l	96
37) Ethyl Acetate	7.106	43	36072	41.378	ug/l #	90
38) Carbon Tetrachloride	7.929	117	123921	55.340	ug/l	99
39) Methylcyclohexane	9.209	83	130147	48.409	ug/l	88
40) Benzene	8.191	78	318750	52.583	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	19345	44.010	ug/l #	86
42) 1,2-Dichloroethane	8.264	62	80632	51.337	ug/l	92
43) Isopropyl Acetate	8.295	43	71205	42.255	ug/l #	83
44) Trichloroethene	8.966	130	96756	55.538	ug/l	92
45) 1,2-Dichloropropane	9.240	63	72038	49.483	ug/l	97
46) Dibromomethane	9.331	93	42120	53.391	ug/l	99
47) Bromodichloromethane	9.520	83	107907	53.204	ug/l	97
48) Methyl methacrylate	9.313	41	40335	43.310	ug/l #	76
49) 1,4-Dioxane	9.325	88	7869	939.542	ug/l #	72
51) 4-Methyl-2-Pentanone	10.093	43	181366	212.839	ug/l #	85
52) Toluene	10.270	92	205769	53.700	ug/l	93
53) t-1,3-Dichloropropene	10.484	75	99088	50.397	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	121012	51.530	ug/l #	83
55) 1,1,2-Trichloroethane	10.666	97	59682	54.888	ug/l	94
56) Ethyl methacrylate	10.532	69	51385	50.062	ug/l #	76
57) 1,3-Dichloropropane	10.813	76	96525	52.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	161629	232.230	ug/l #	87
59) 2-Hexanone	10.855	43	124383	196.240	ug/l	80
60) Dibromochloromethane	11.008	129	78527	57.745	ug/l	100
61) 1,2-Dibromoethane	11.112	107	55665	53.735	ug/l	99
64) Tetrachloroethene	10.746	164	97328	56.361	ug/l	97
65) Chlorobenzene	11.538	112	220488	53.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	85866	56.657	ug/l	100
67) Ethyl Benzene	11.611	91	391271	52.984	ug/l	99
68) m/p-Xylenes	11.721	106	300634	107.334	ug/l	93
69) o-Xylene	12.050	106	142254	54.702	ug/l	94
70) Styrene	12.063	104	203243	54.581	ug/l	98
71) Bromoform	12.227	173	45178	57.449	ug/l #	100
73) Isopropylbenzene	12.349	105	385604	53.037	ug/l	99
74) N-amyl acetate	12.160	43	55648	38.105	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.599	83	57784	49.530	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	76555	88.884	ug/l #	100
77) Bromobenzene	12.630	156	88952	54.132	ug/l	89
78) n-propylbenzene	12.691	91	429875	50.031	ug/l	97
79) 2-Chlorotoluene	12.776	91	244808	51.700	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	309162	52.741	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	19148	48.256	ug/l	88
82) 4-Chlorotoluene	12.873	91	247524	50.588	ug/l	96
83) tert-Butylbenzene	13.093	119	277416	53.730	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	302140	52.347	ug/l	96
85) sec-Butylbenzene	13.276	105	372503	50.500	ug/l	98
86) p-Isopropyltoluene	13.392	119	329799	51.924	ug/l	97
87) 1,3-Dichlorobenzene	13.386	146	168118	53.179	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	161906	52.404	ug/l	99
89) n-Butylbenzene	13.715	91	280727	47.859	ug/l	95
90) Hexachloroethane	13.983	117	63672	51.967	ug/l	96
91) 1,2-Dichlorobenzene	13.757	146	142697	52.676	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8193	44.140	ug/l	80
93) 1,2,4-Trichlorobenzene	15.025	180	77204	48.825	ug/l	99
94) Hexachlorobutadiene	15.129	225	47461	52.391	ug/l	96
95) Naphthalene	15.257	128	133289	47.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	62619	47.879	ug/l	98

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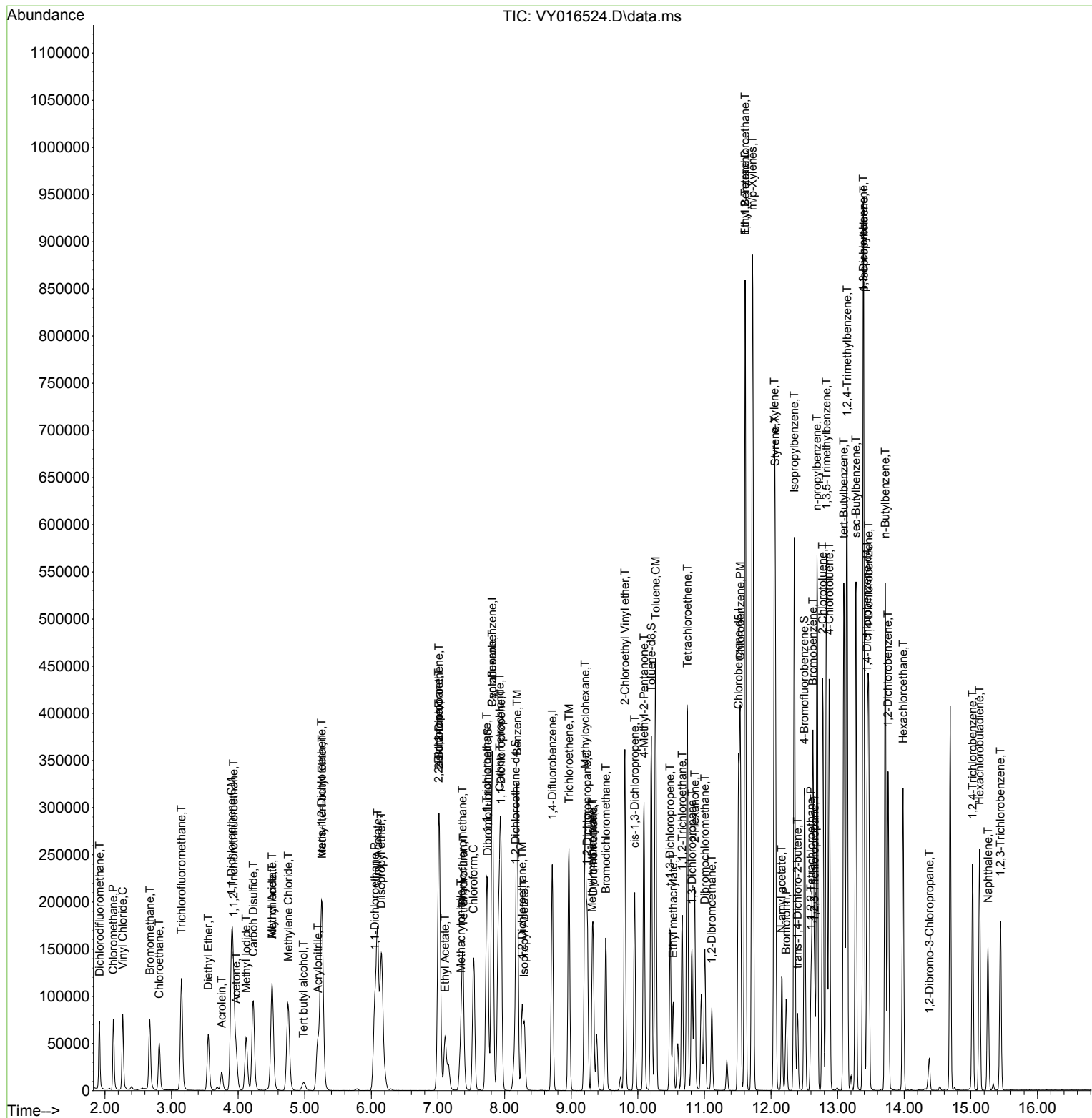
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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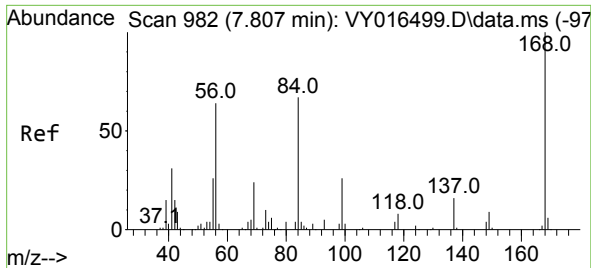
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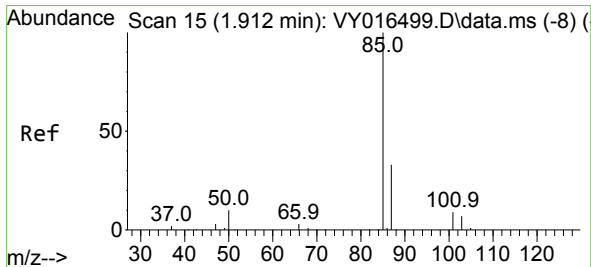
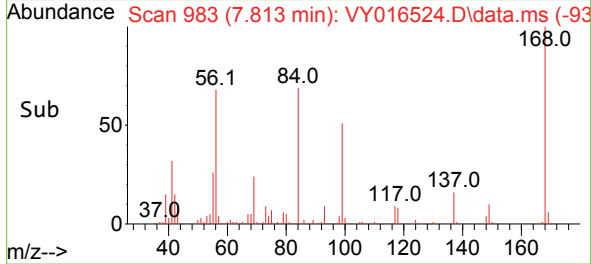
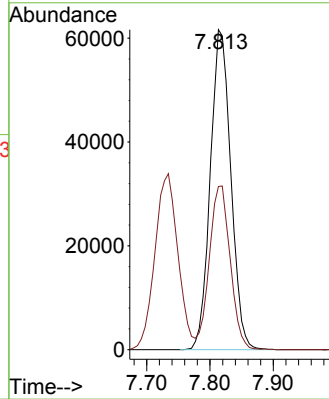
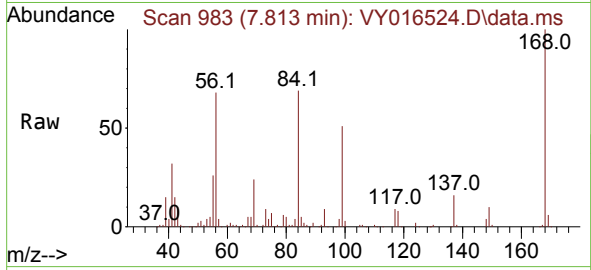




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016524.D
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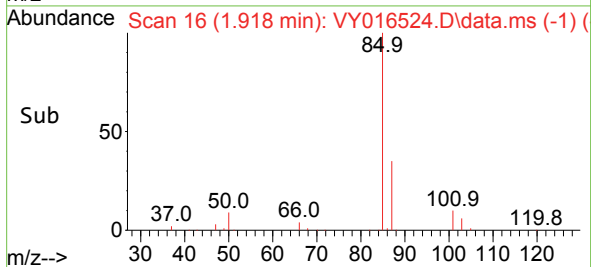
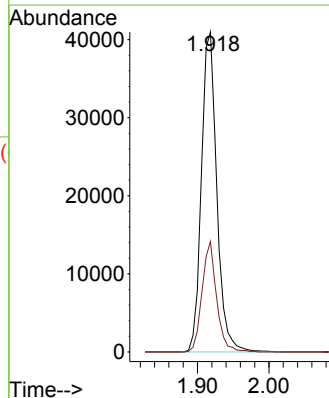
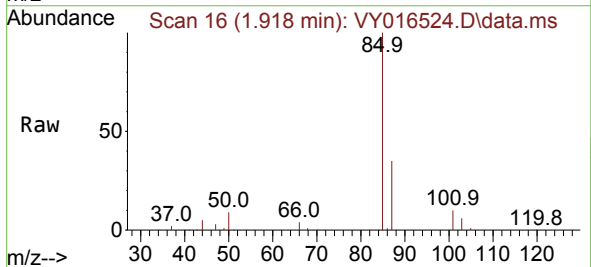
Instrument :
MSVOA_Y
ClientSampleId :

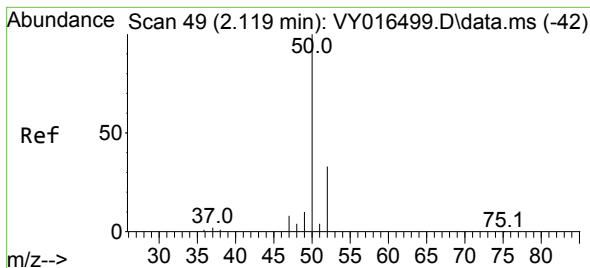
Tgt Ion:168 Resp: 139074
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.919 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 85 Resp: 61170
Ion Ratio Lower Upper
85 100
87 34.6 15.6 46.8





#3

Chloromethane

Concen: 43.295 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

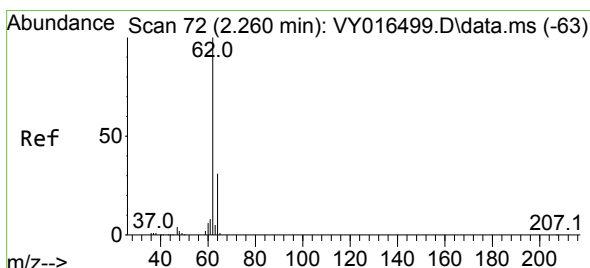
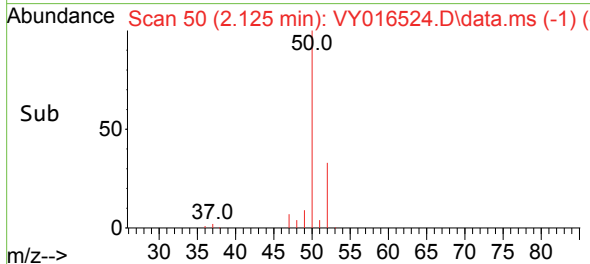
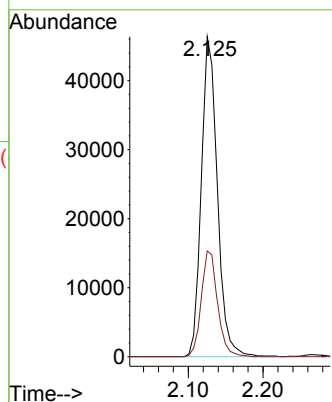
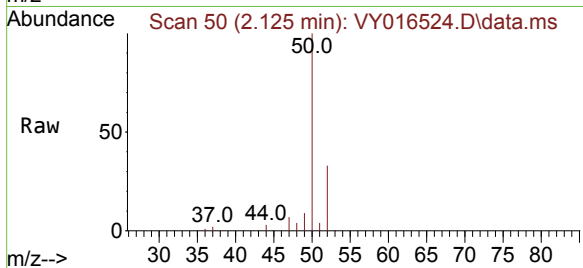
ClientSampleId :

Tgt Ion: 50 Resp: 69048

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 46.344 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016524.D

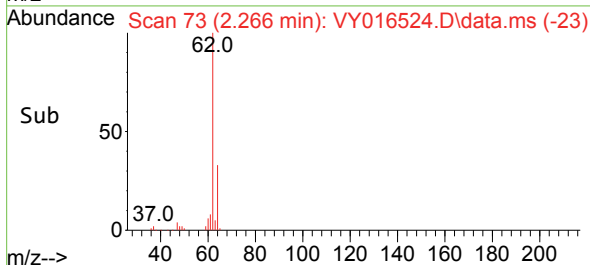
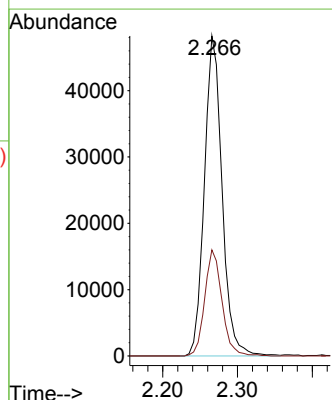
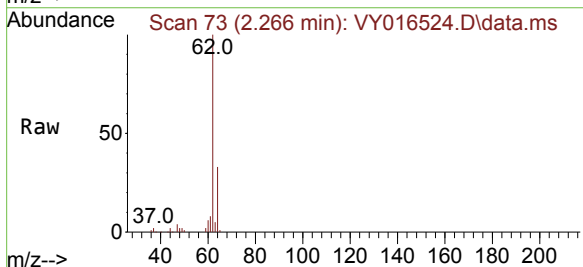
Acq: 28 Nov 2023 16:49

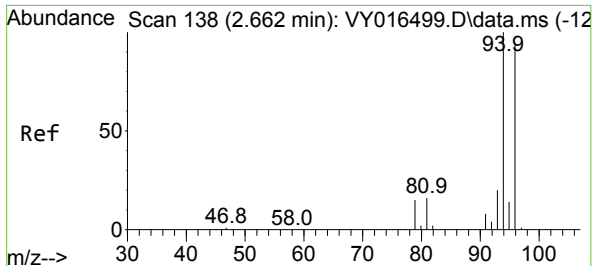
Tgt Ion: 62 Resp: 79478

Ion Ratio Lower Upper

62 100

64 33.1 24.3 36.5





#5

Bromomethane

Concen: 47.042 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

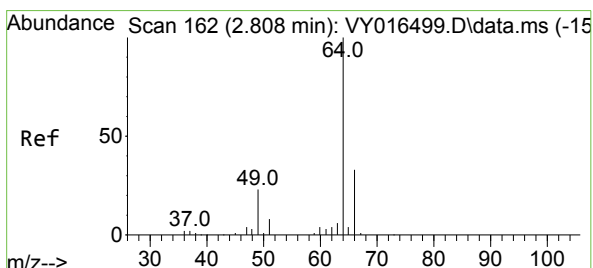
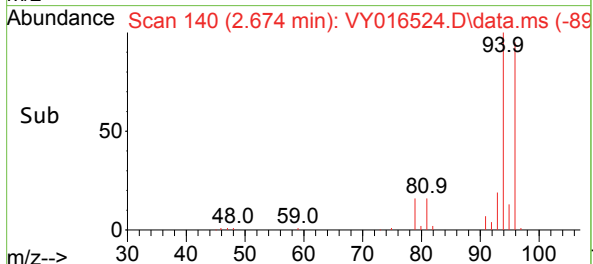
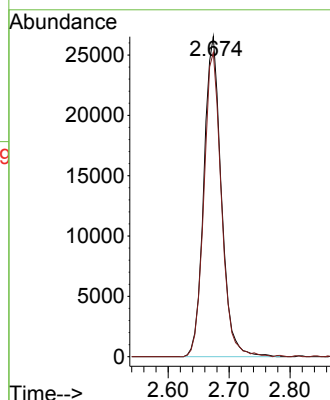
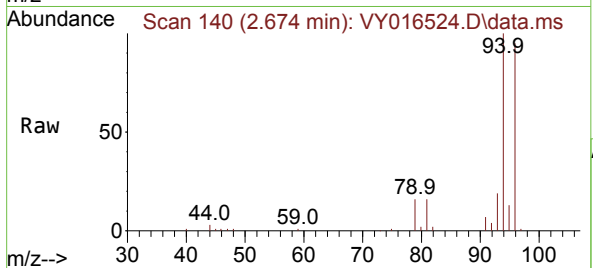
ClientSampleId :

Tgt Ion: 94 Resp: 53018

Ion Ratio Lower Upper

94 100

96 95.1 75.8 113.6



#6

Chloroethane

Concen: 46.984 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016524.D

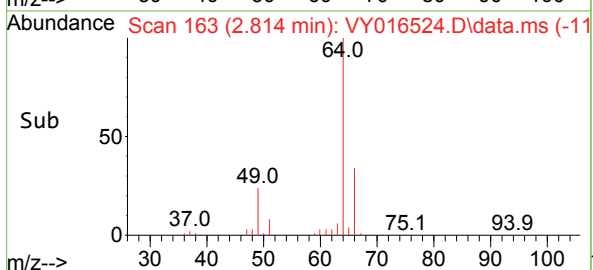
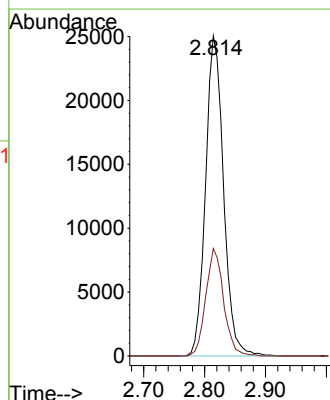
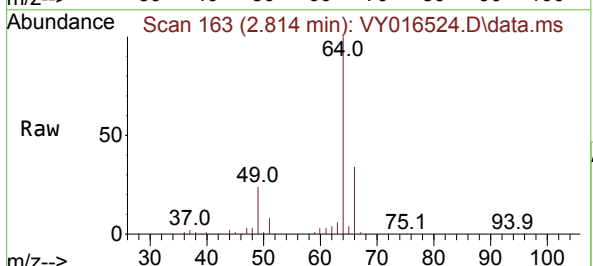
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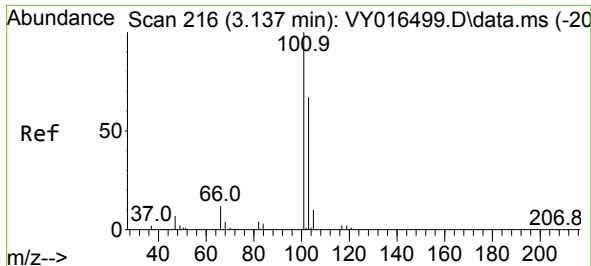
Tgt Ion: 64 Resp: 51414

Ion Ratio Lower Upper

64 100

66 33.6 24.4 36.6

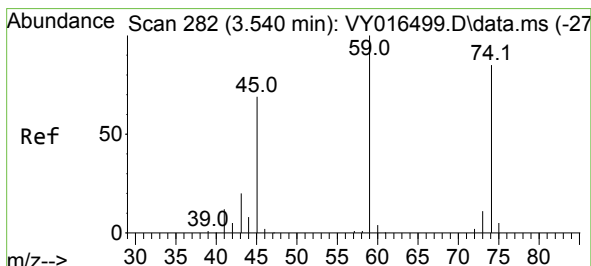
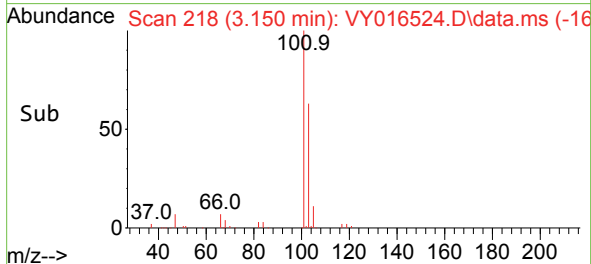
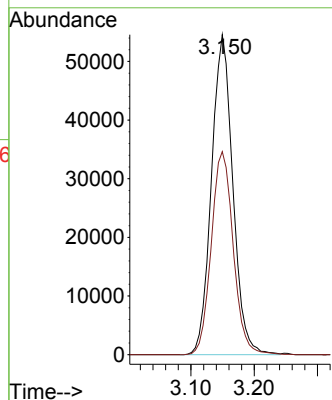
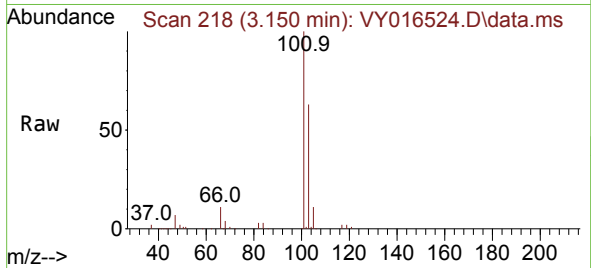




#7
Trichlorofluoromethane
Concen: 51.292 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

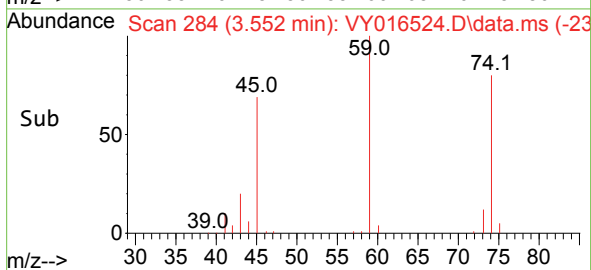
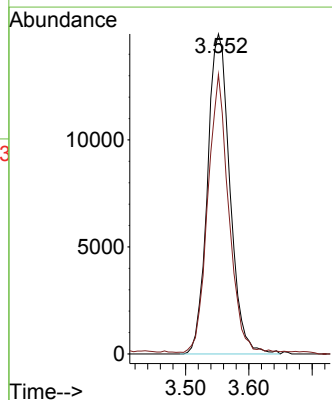
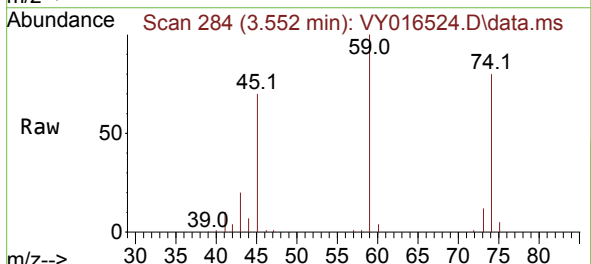
Instrument :
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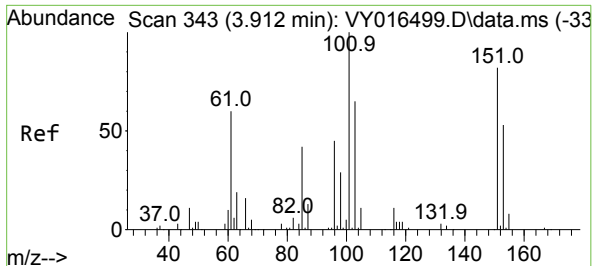
Tgt Ion:101 Resp: 127976
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0



#8
Diethyl Ether
Concen: 49.418 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 74 Resp: 36851
Ion Ratio Lower Upper
74 100
45 80.7 51.5 154.5

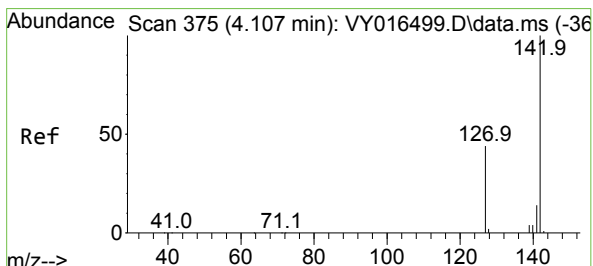
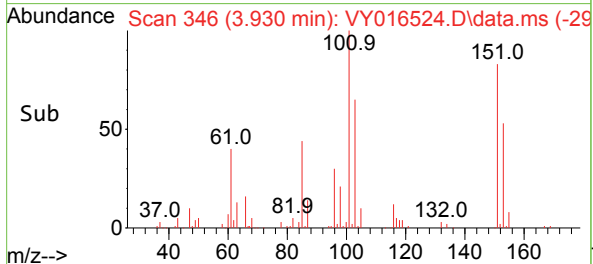
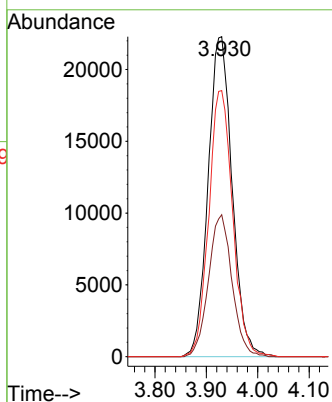
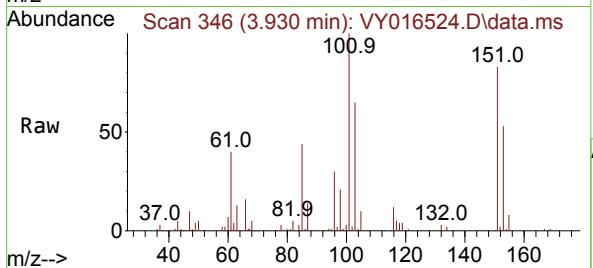




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.115 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

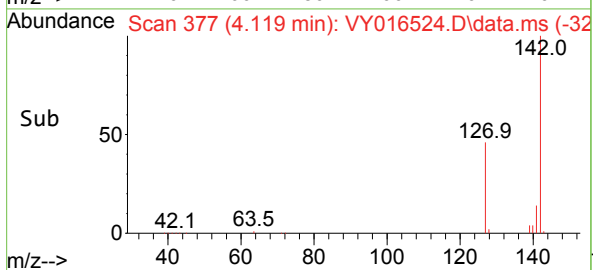
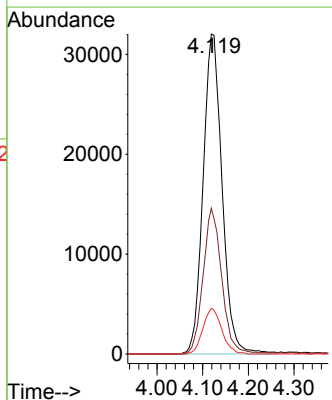
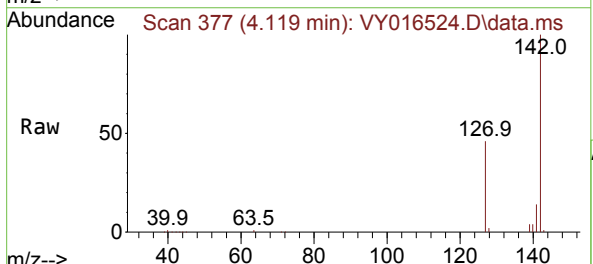
Instrument :
MSVOA_Y
ClientSampleId :

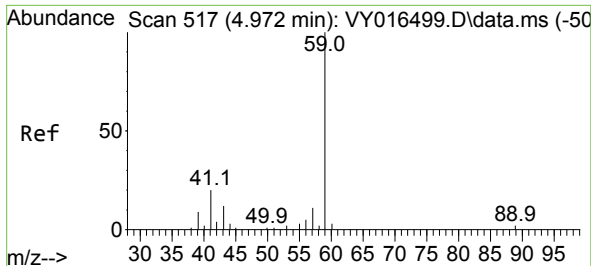
Tgt Ion:101 Resp: 72305
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 82.7 67.0 100.6



#10
Methyl Iodide
Concen: 57.002 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion:142 Resp: 92515
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.1 11.8 17.8

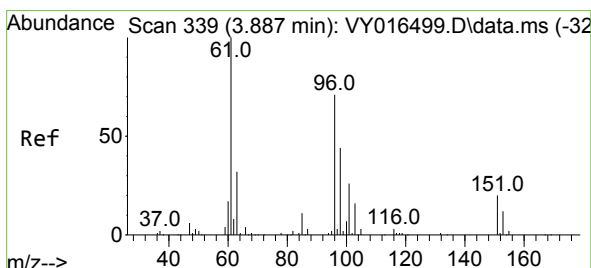
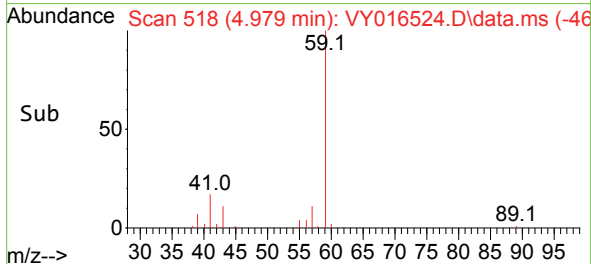
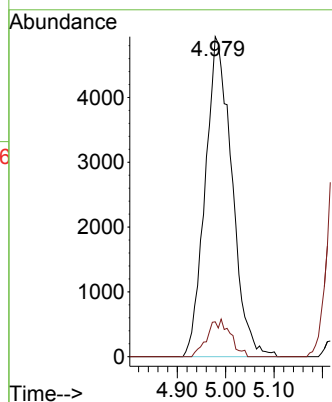
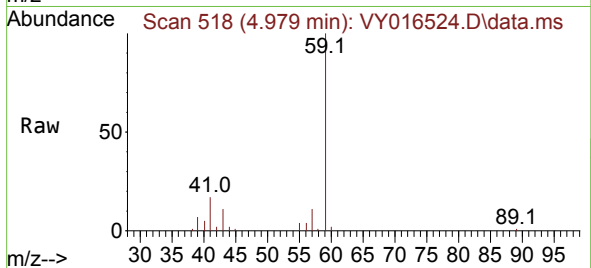




#11
Tert butyl alcohol
Concen: 190.193 ug/l
RT: 4.979 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

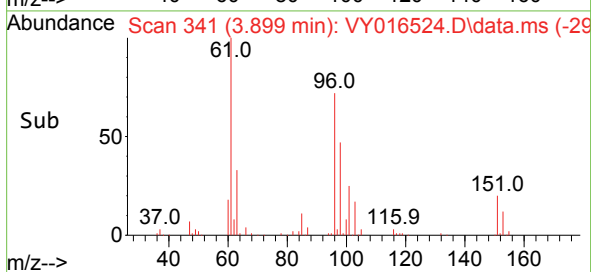
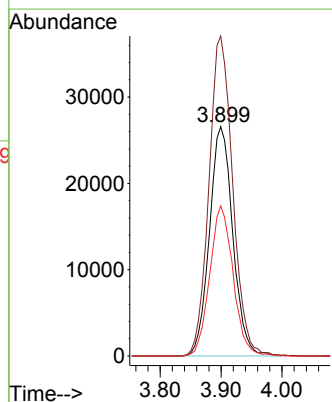
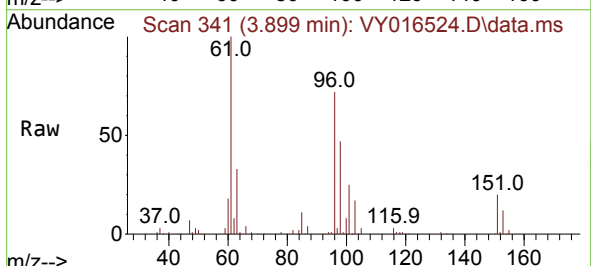
Instrument :
MSVOA_Y
ClientSampleId :

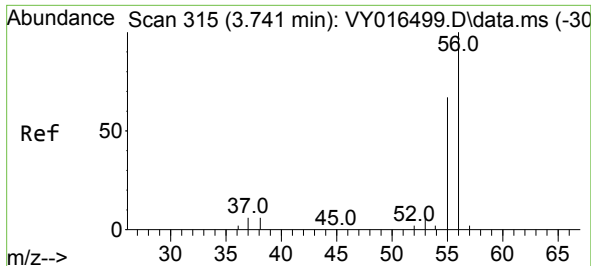
Tgt Ion: 59 Resp: 18931
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.437 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 96 Resp: 70884
Ion Ratio Lower Upper
96 100
61 139.5 136.4 204.6
98 65.4 49.4 74.2





#13

Acrolein

Concen: 203.577 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

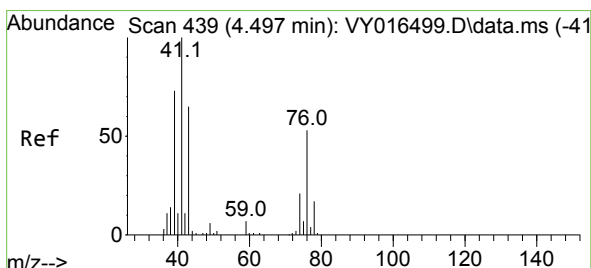
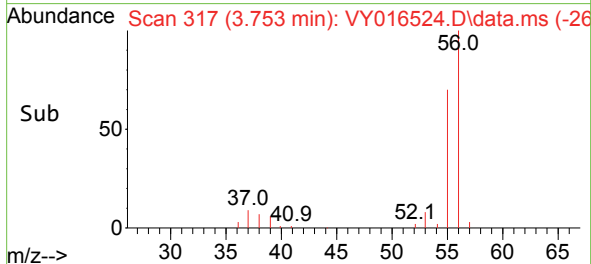
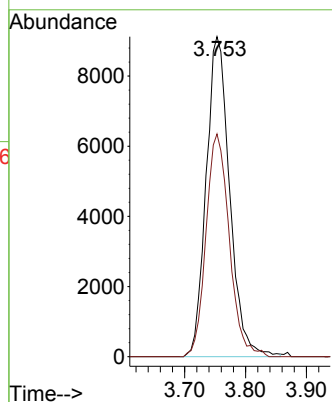
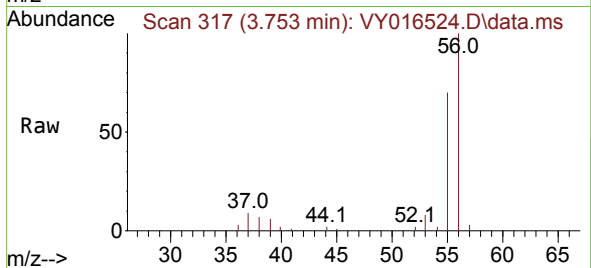
ClientSampleId :

Tgt Ion: 56 Resp: 24441

Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.4



#14

Allyl chloride

Concen: 43.575 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

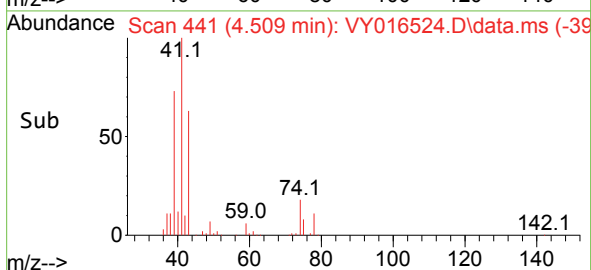
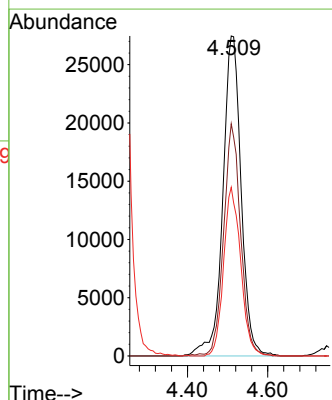
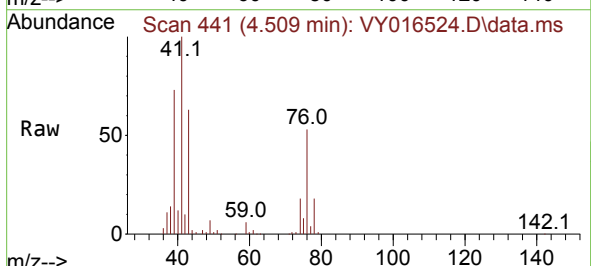
Tgt Ion: 41 Resp: 86903

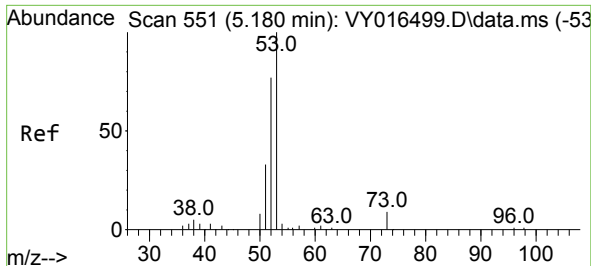
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

76 49.4 27.4 41.2#

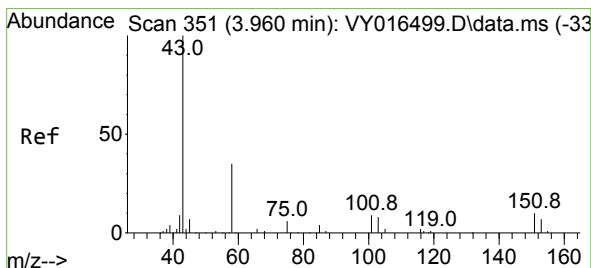
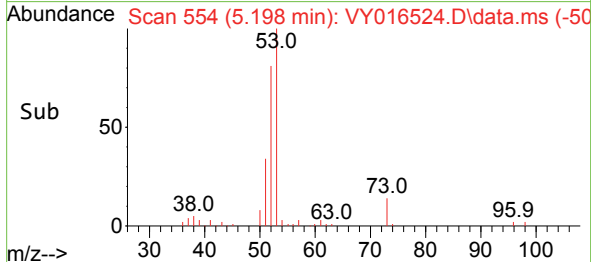
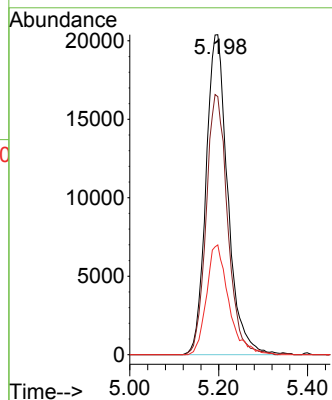
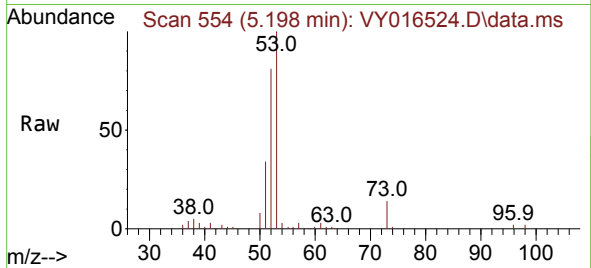




#15
Acrylonitrile
Concen: 234.734 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

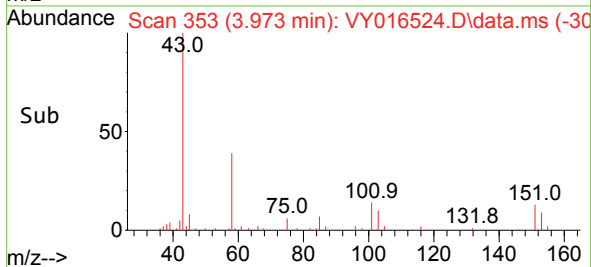
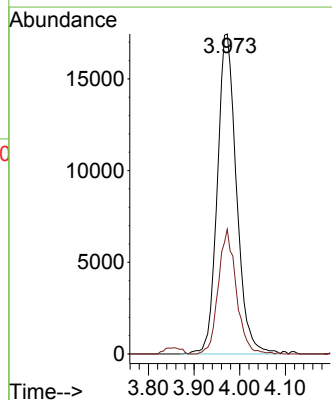
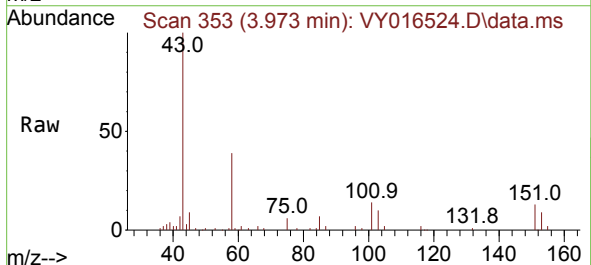
Instrument :
MSVOA_Y
ClientSampleId :

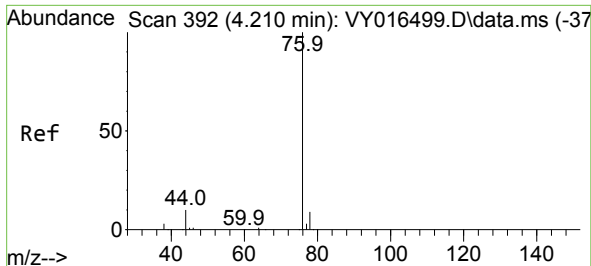
Tgt Ion: 53 Resp: 69465
Ion Ratio Lower Upper
53 100
52 80.0 66.9 100.3
51 35.1 29.8 44.6



#16
Acetone
Concen: 241.923 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 43 Resp: 50865
Ion Ratio Lower Upper
43 100
58 38.6 22.7 34.1#

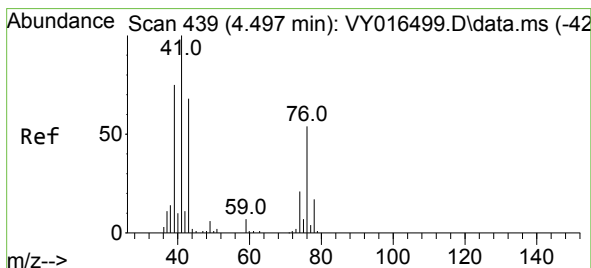
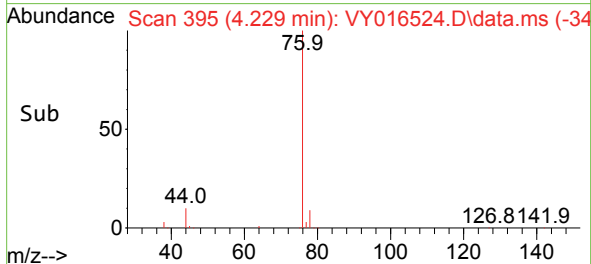
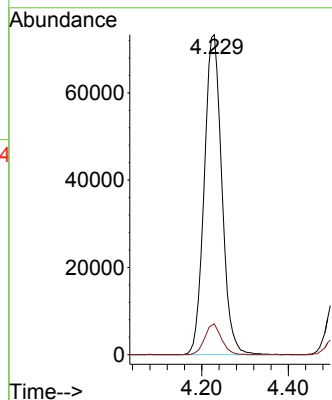
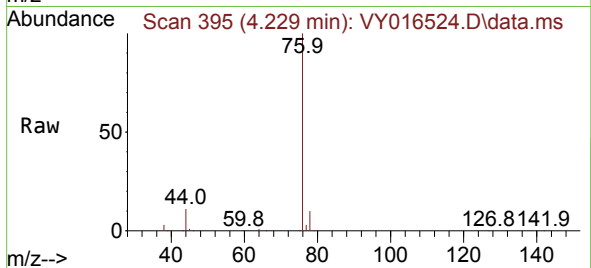




#17
Carbon Disulfide
Concen: 48.666 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

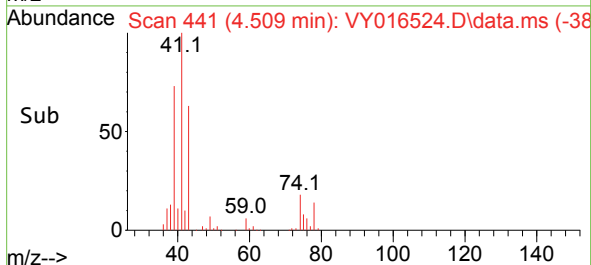
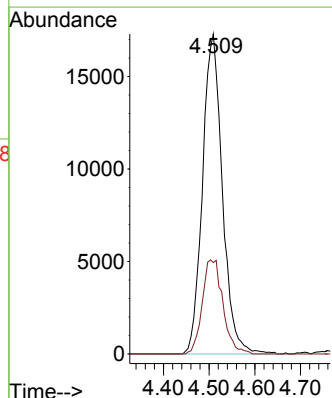
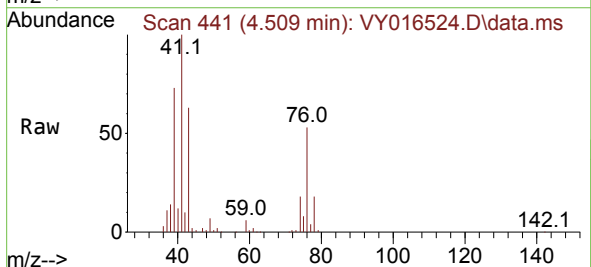
Instrument :
MSVOA_Y
ClientSampleId :

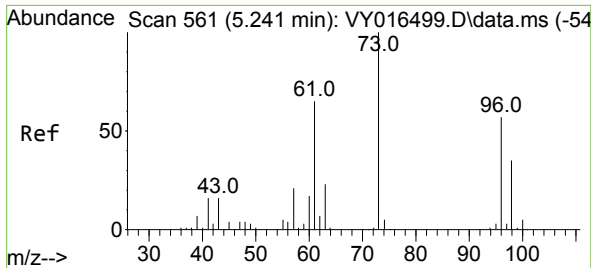
Tgt Ion: 76 Resp: 206364
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 46.715 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 43 Resp: 52191
Ion Ratio Lower Upper
43 100
74 30.5 17.4 26.0#

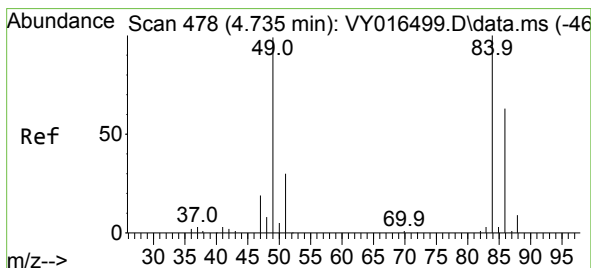
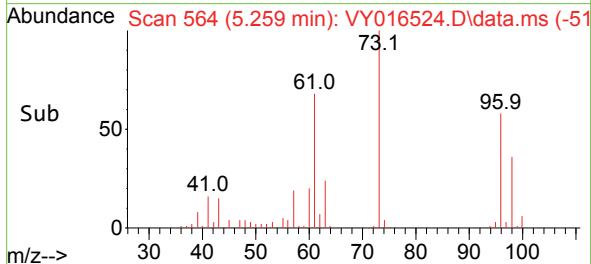
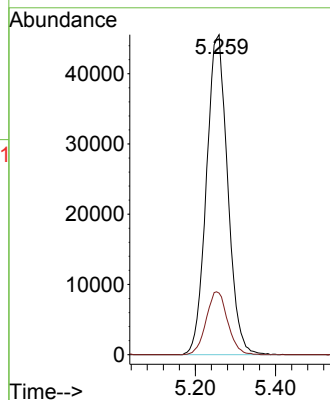
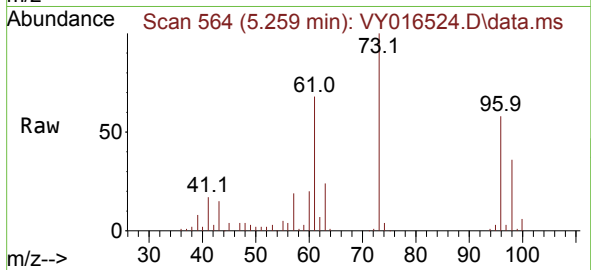




#19
Methyl tert-butyl Ether
Concen: 49.133 ug/l
RT: 5.259 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

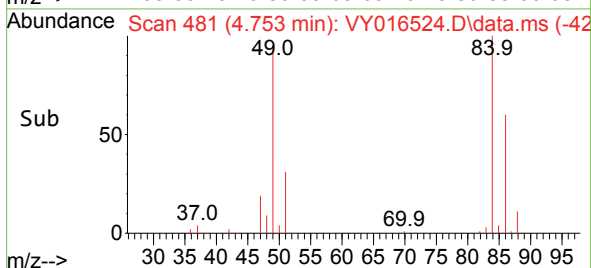
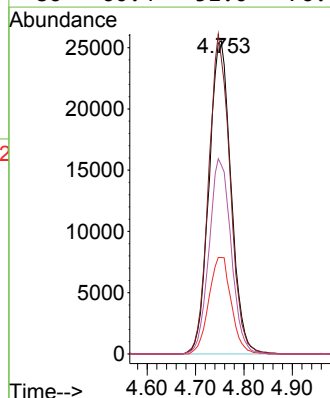
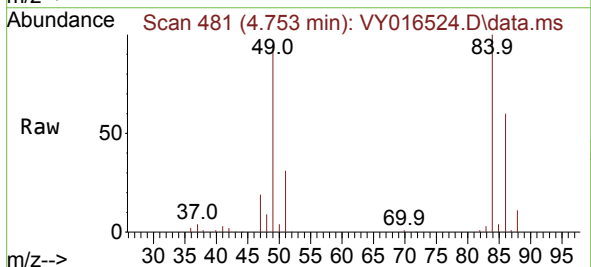
Instrument :
MSVOA_Y
ClientSampleId :

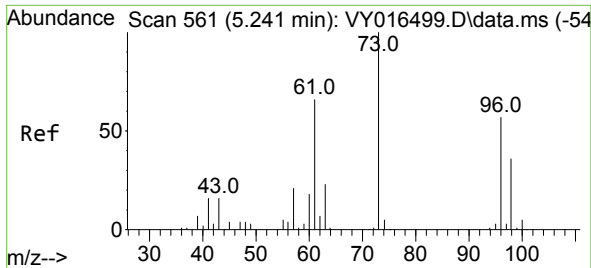
Tgt Ion: 73 Resp: 167127
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9



#20
Methylene Chloride
Concen: 54.628 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.024 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

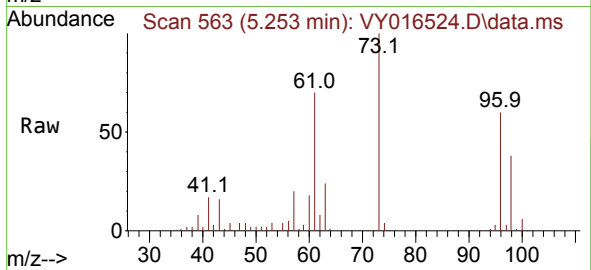
Tgt Ion: 84 Resp: 80660
Ion Ratio Lower Upper
84 100
49 94.7 106.9 160.3#
51 30.8 33.2 49.8#
86 60.4 51.0 76.6



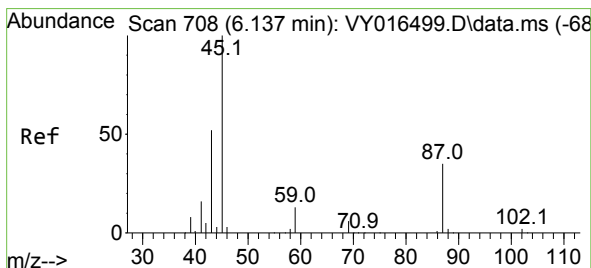
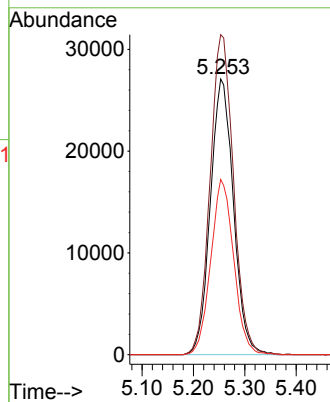
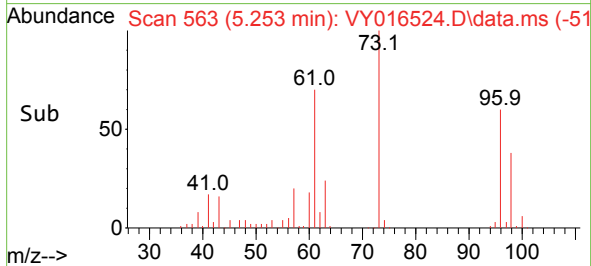


#21
trans-1,2-Dichloroethene
Concen: 52.143 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

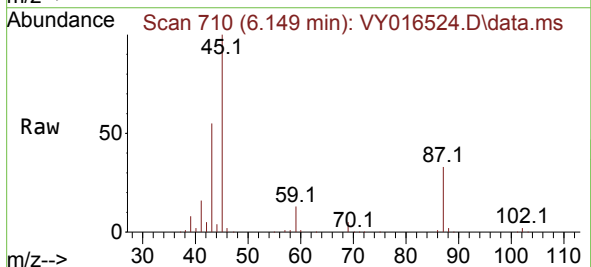
Instrument :
MSVOA_Y
ClientSampleId :



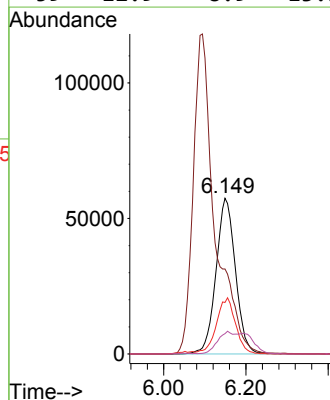
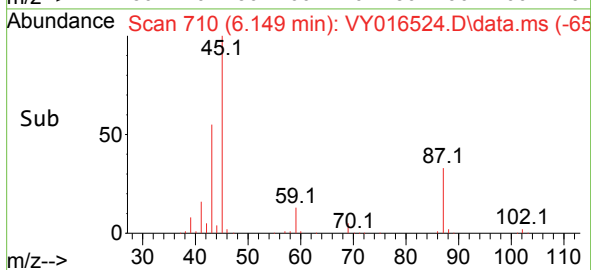
Tgt Ion: 96 Resp: 84375
Ion Ratio Lower Upper
96 100
61 116.1 110.2 165.4
98 63.5 51.8 77.6

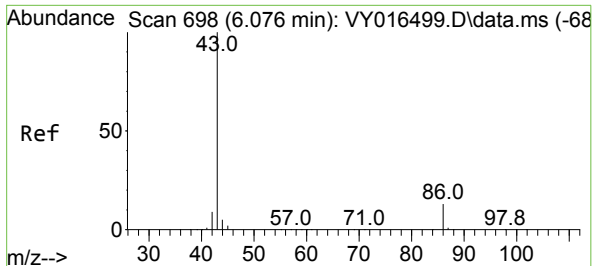


#22
Diisopropyl ether
Concen: 43.863 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49



Tgt Ion: 45 Resp: 188525
Ion Ratio Lower Upper
45 100
43 54.2 52.2 78.4
87 33.1 21.0 31.6#
59 12.9 8.9 13.3





#23

Vinyl Acetate

Concen: 207.640 ug/l

RT: 6.094 min Scan# 701

Delta R.T. 0.018 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

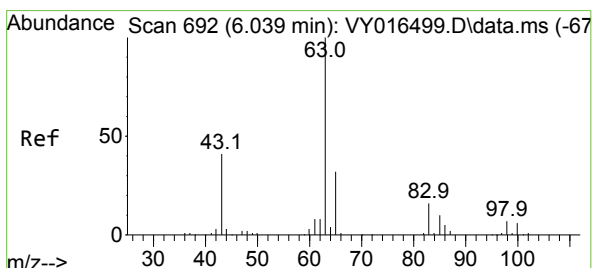
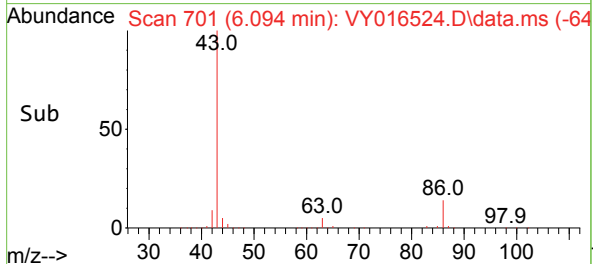
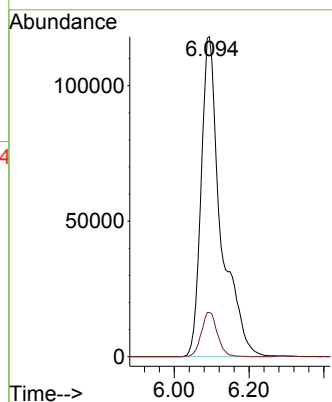
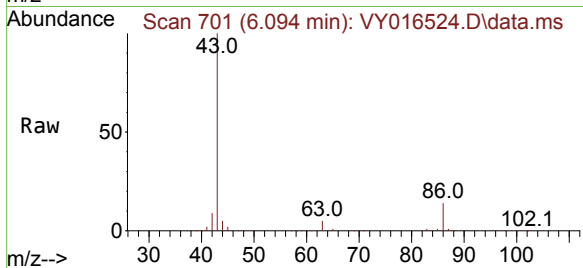
ClientSampleId :

Tgt Ion: 43 Resp: 432431

Ion Ratio Lower Upper

43 100

86 13.8 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 49.057 ug/l

RT: 6.051 min Scan# 694

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

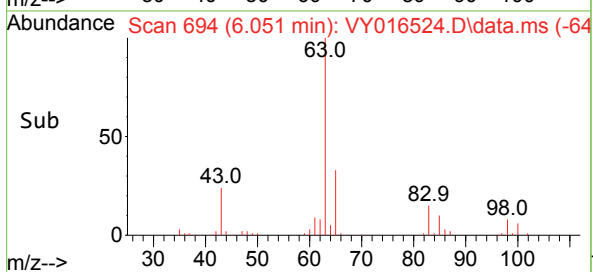
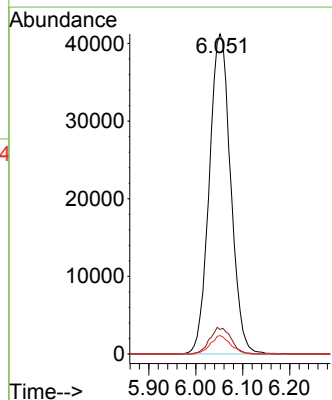
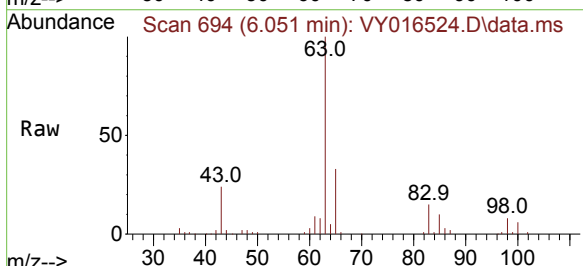
Tgt Ion: 63 Resp: 130076

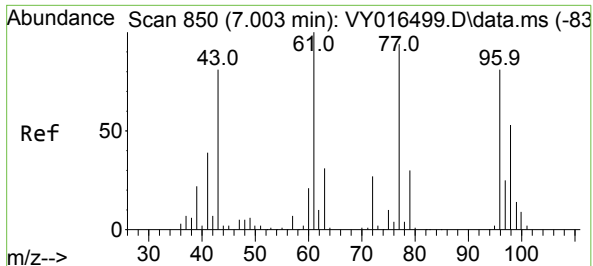
Ion Ratio Lower Upper

63 100

98 7.6 3.1 9.4

100 5.8 1.8 5.5#





#25

2-Butanone

Concen: 210.352 ug/l

RT: 7.015 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

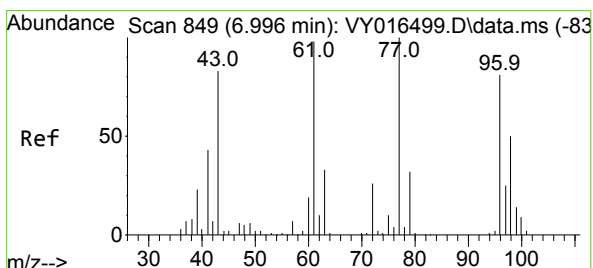
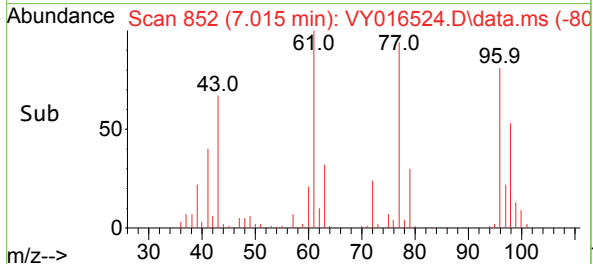
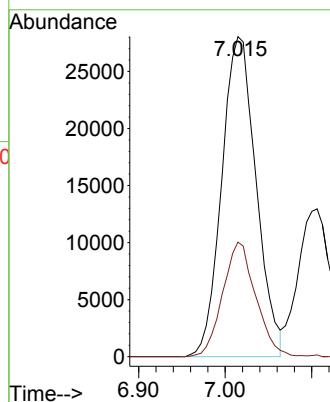
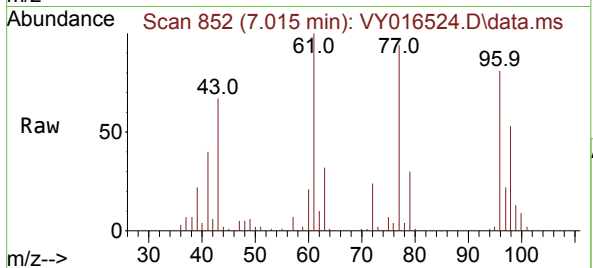
ClientSampleId :

Tgt Ion: 43 Resp: 77466

Ion Ratio Lower Upper

43 100

72 35.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 49.401 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016524.D

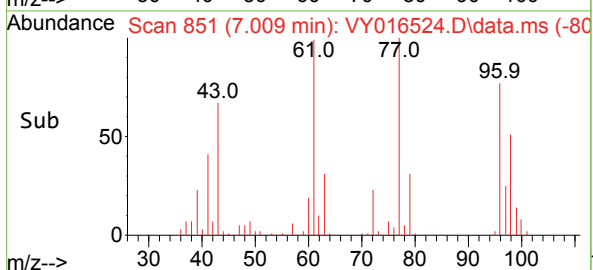
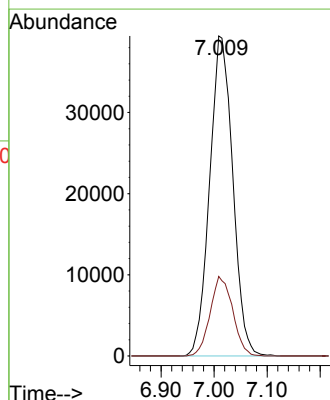
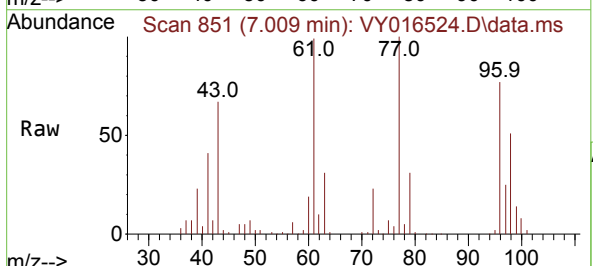
Acq: 28 Nov 2023 16:49

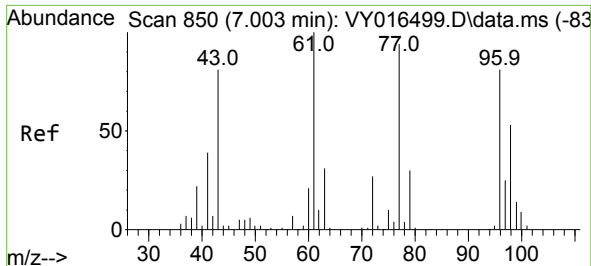
Tgt Ion: 77 Resp: 119219

Ion Ratio Lower Upper

77 100

97 24.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.112 ug/l

RT: 7.015 min Scan# 8

Delta R.T. 0.012 min

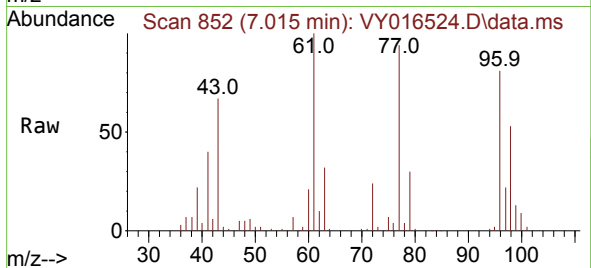
Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :



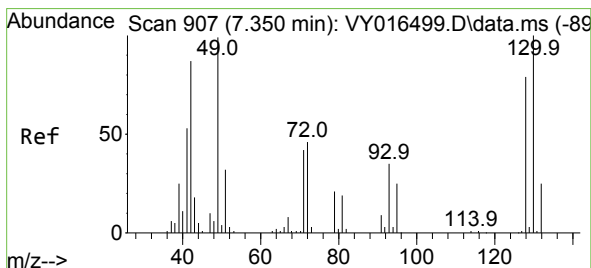
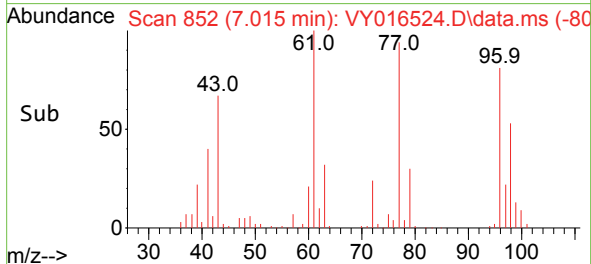
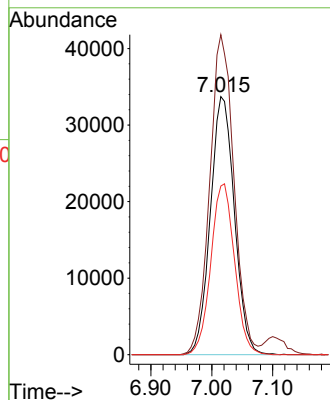
Tgt Ion: 96 Resp: 92619

Ion Ratio Lower Upper

96 100

61 124.9 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 46.112 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

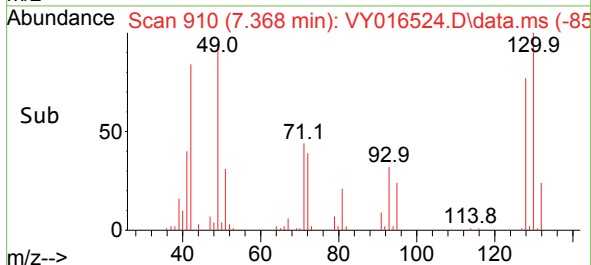
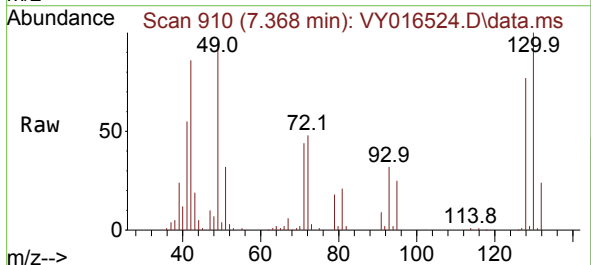
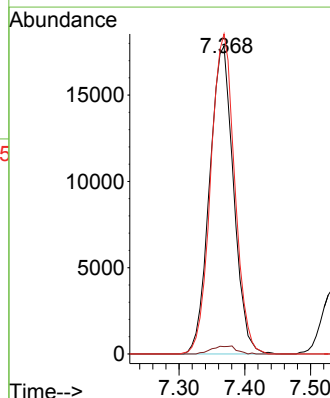
Tgt Ion: 49 Resp: 45252

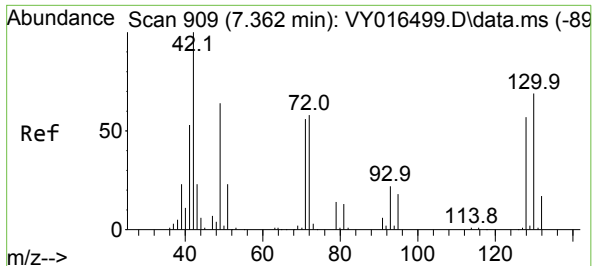
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 103.7 60.7 91.1#





#29

Tetrahydrofuran

Concen: 207.408 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

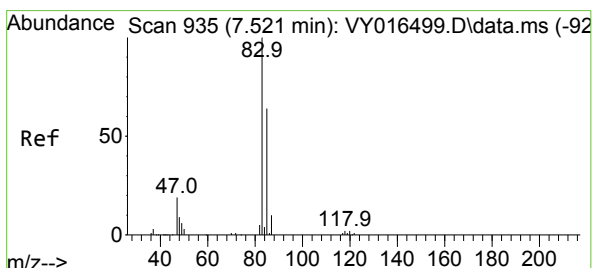
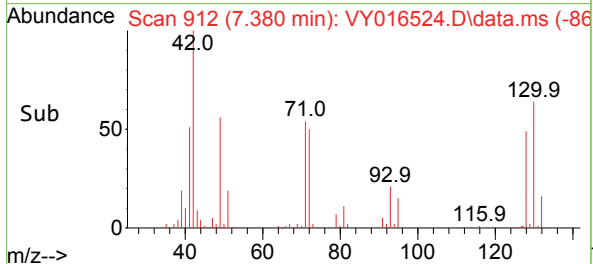
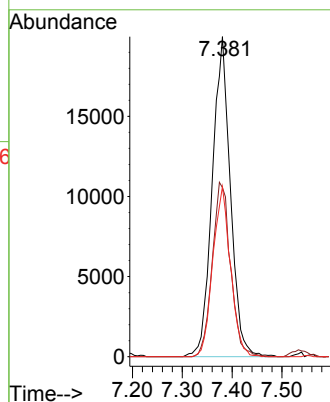
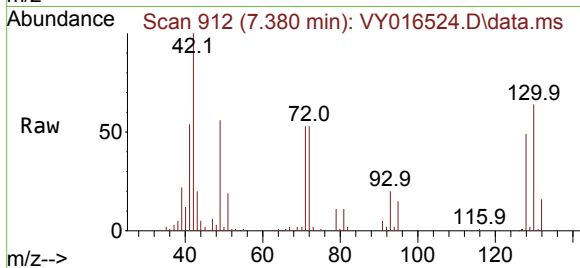
Tgt Ion: 42 Resp: 50486

Ion Ratio Lower Upper

42 100

72 55.0 32.8 49.2#

71 51.7 31.0 46.4#



#30

Chloroform

Concen: 52.836 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016524.D

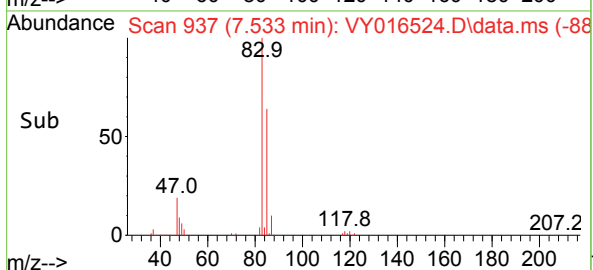
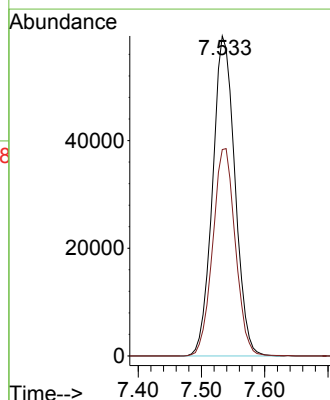
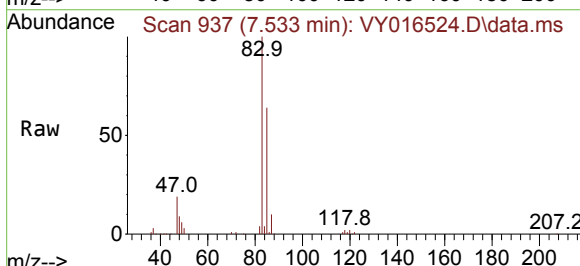
Acq: 28 Nov 2023 16:49

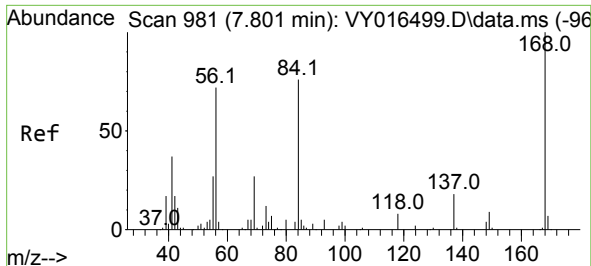
Tgt Ion: 83 Resp: 145826

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

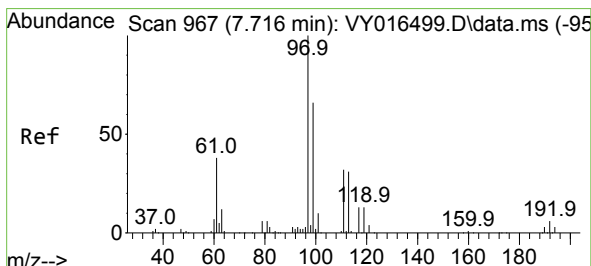
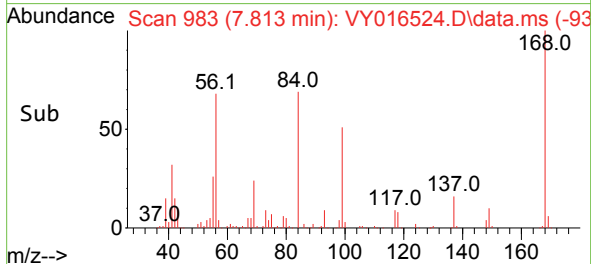
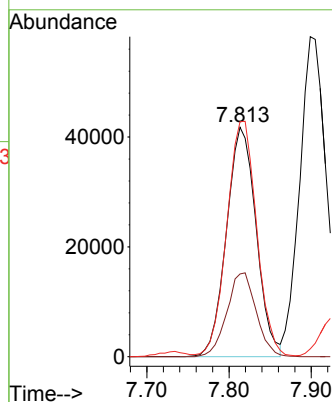
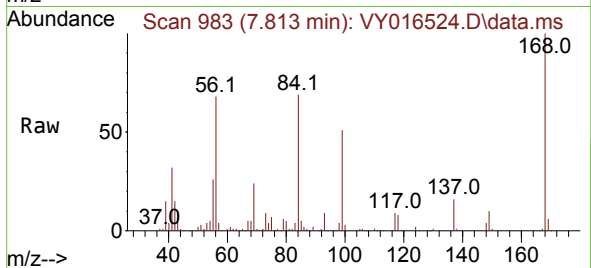




#31
Cyclohexane
Concen: 41.959 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

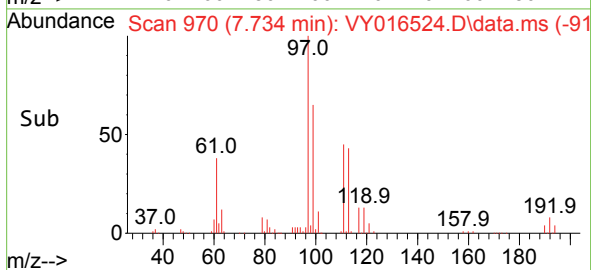
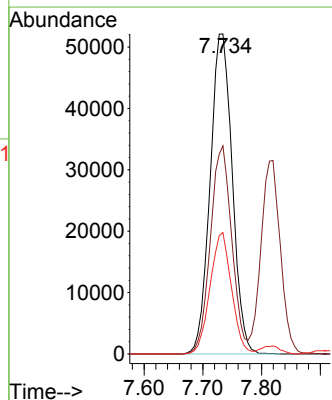
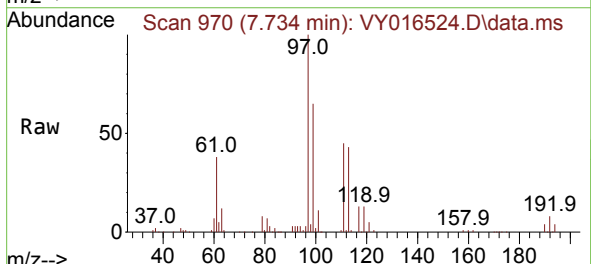
Instrument :
MSVOA_Y
ClientSampleId :

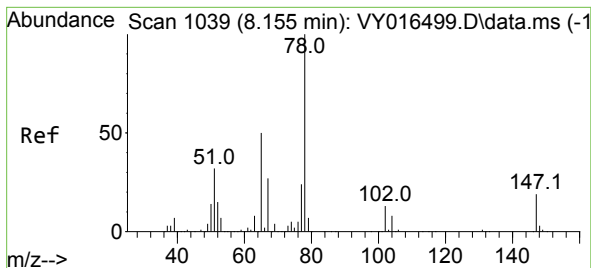
Tgt Ion: 56 Resp: 105005
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 100.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 53.859 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 97 Resp: 136261
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 36.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.656 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

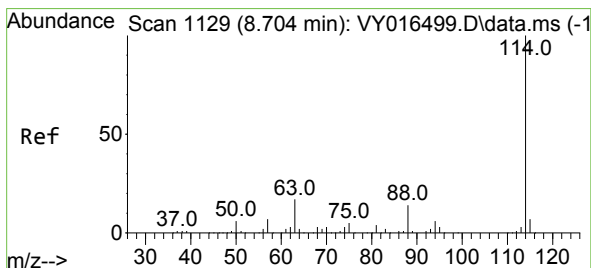
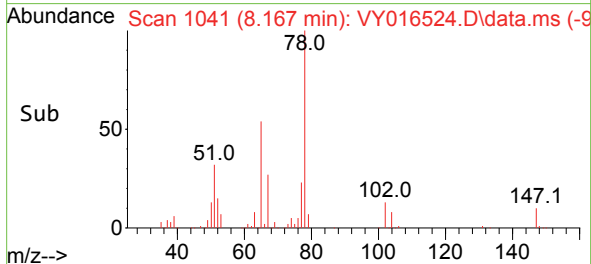
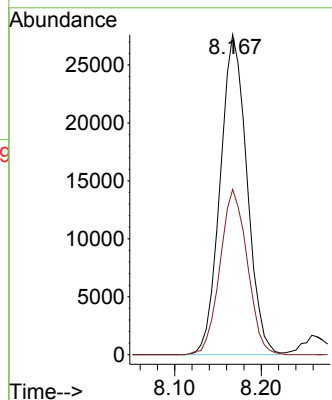
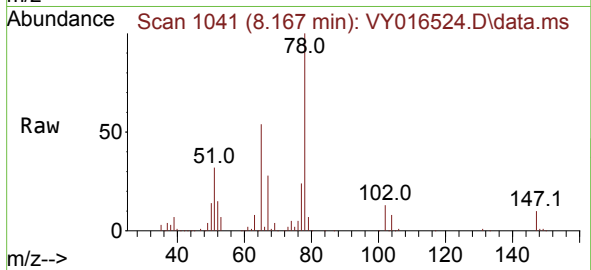
ClientSampleId :

Tgt Ion: 65 Resp: 59303

Ion Ratio Lower Upper

65 100

67 52.6 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: VY016524.D

Acq: 28 Nov 2023 16:49

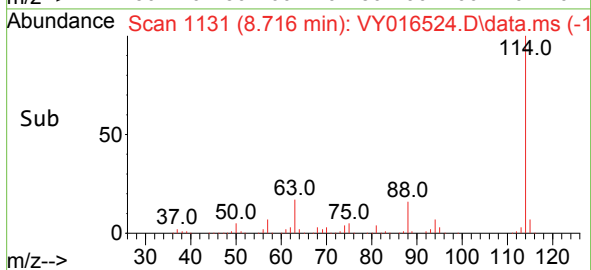
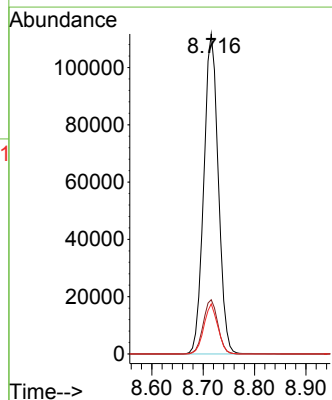
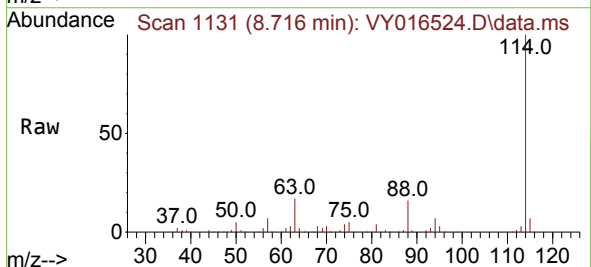
Tgt Ion: 114 Resp: 218736

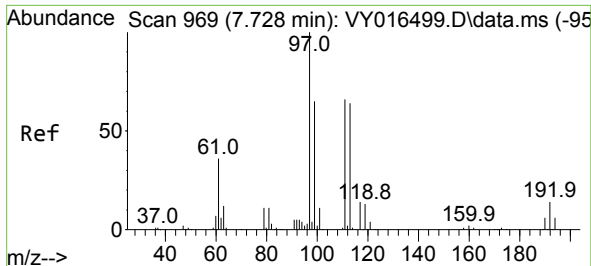
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

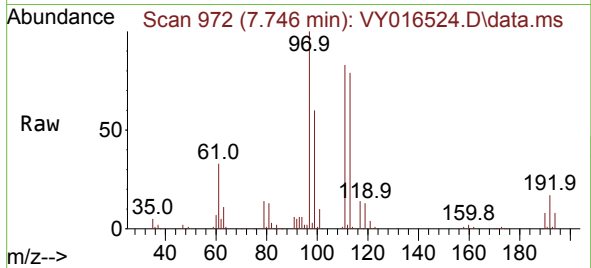
88 15.6 0.0 30.6



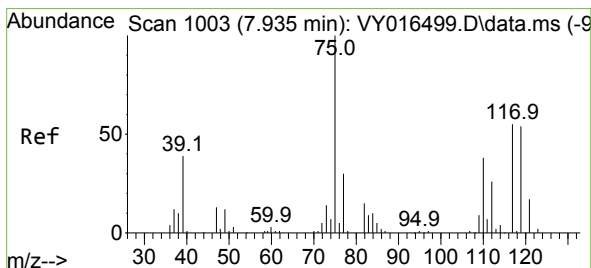
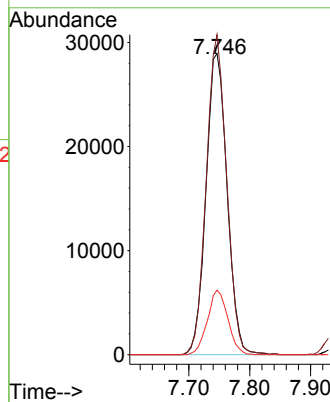
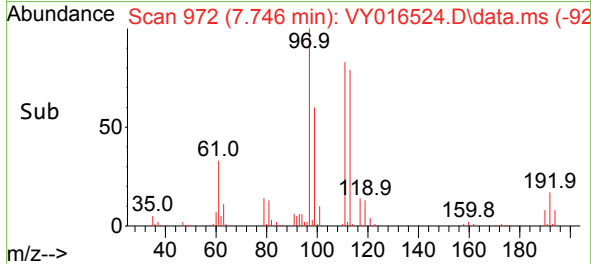


#35
Dibromofluoromethane
Concen: 56.103 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

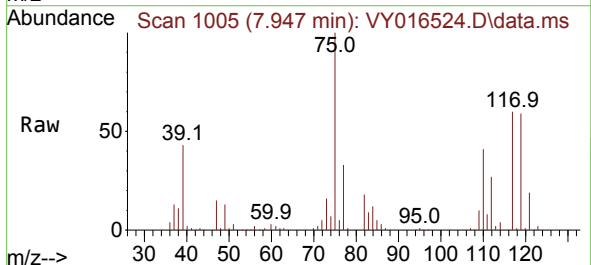
Instrument :
MSVOA_Y
ClientSampleId :



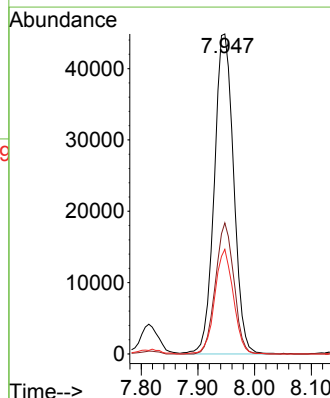
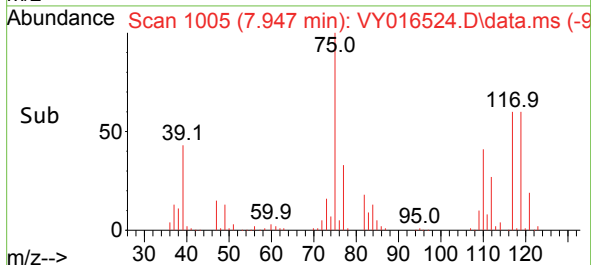
Tgt Ion:113 Resp: 69711
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.8 16.9 25.3

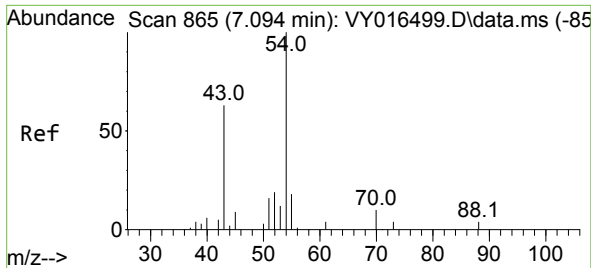


#36
1,1-Dichloropropene
Concen: 49.412 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49



Tgt Ion: 75 Resp: 106611
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 41.378 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

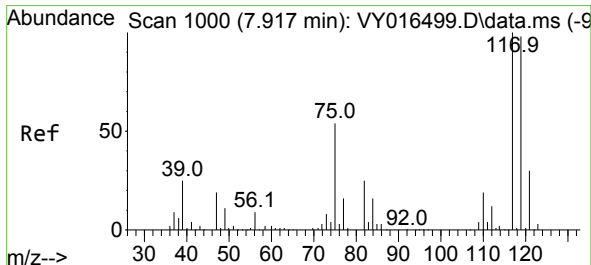
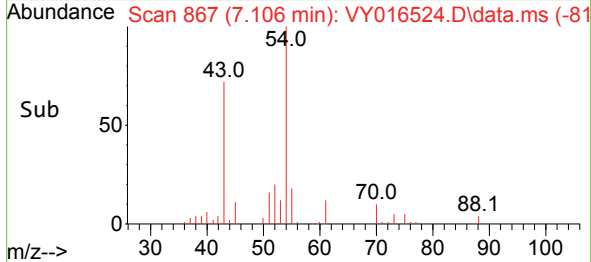
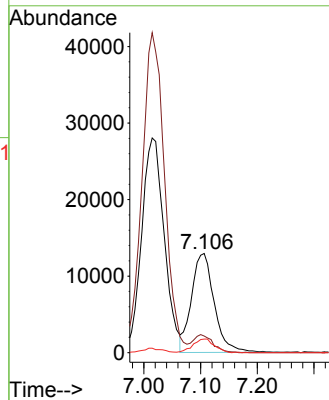
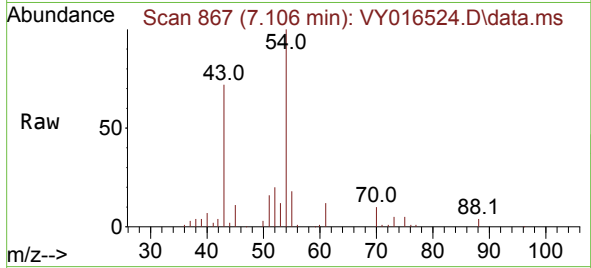
Tgt Ion: 43 Resp: 36072

Ion Ratio Lower Upper

43 100

61 16.0 10.1 15.1#

70 13.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 55.340 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

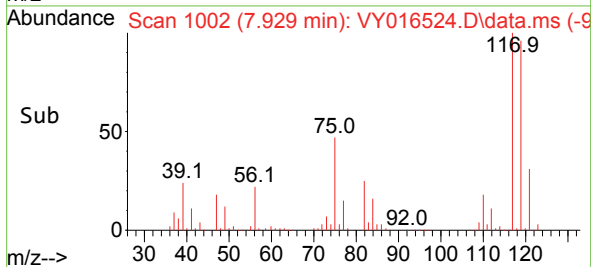
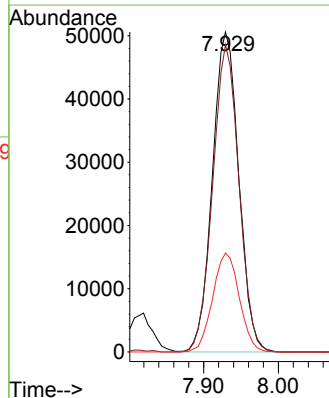
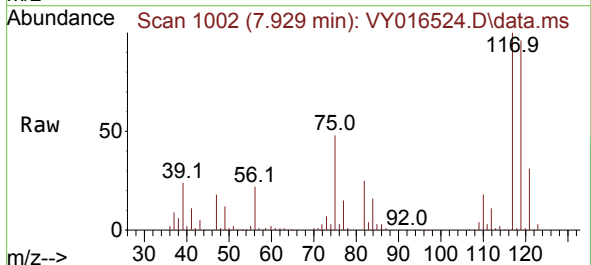
Tgt Ion: 117 Resp: 123921

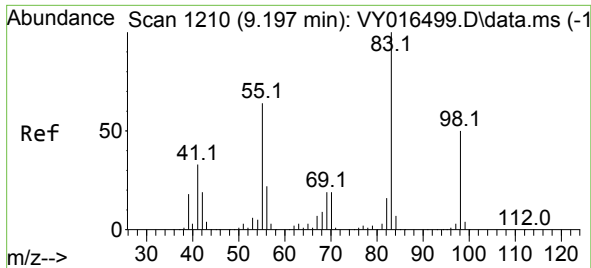
Ion Ratio Lower Upper

117 100

119 96.0 76.4 114.6

121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 48.409 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

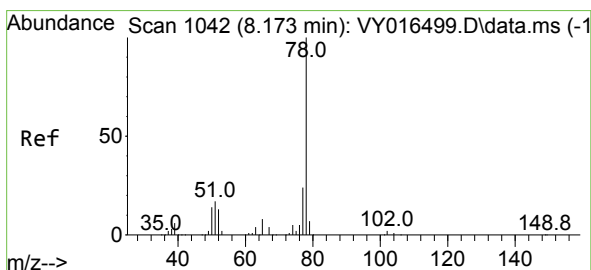
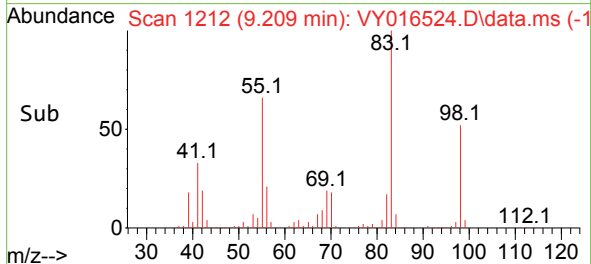
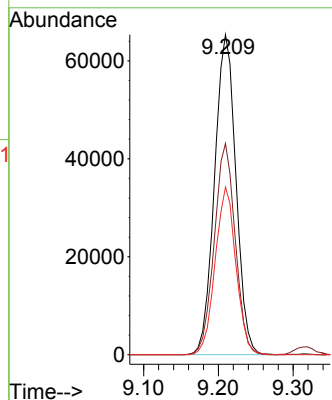
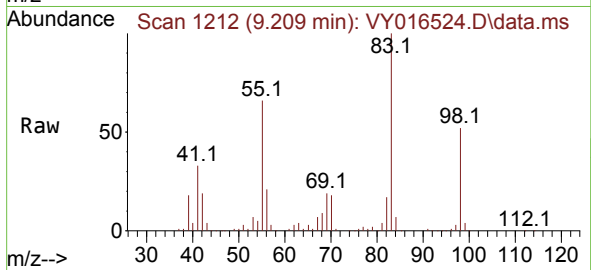
Tgt Ion: 83 Resp: 130147

Ion Ratio Lower Upper

83 100

55 66.0 63.0 94.4

98 52.4 37.4 56.2



#40

Benzene

Concen: 52.583 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY016524.D

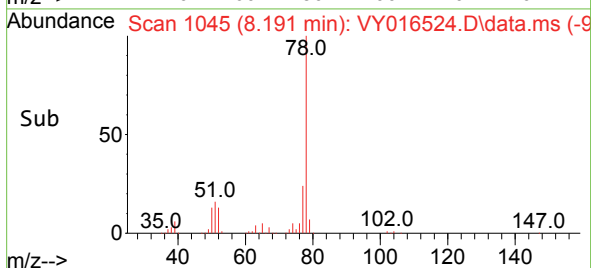
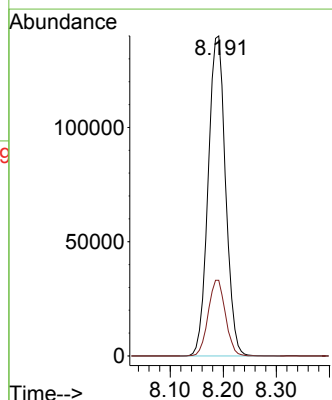
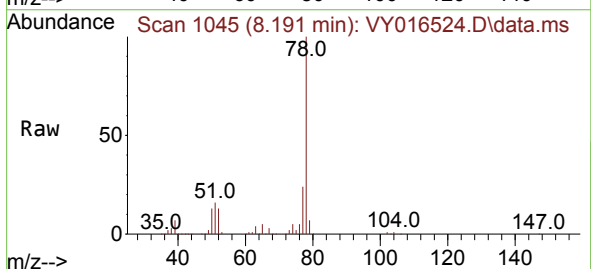
Acq: 28 Nov 2023 16:49

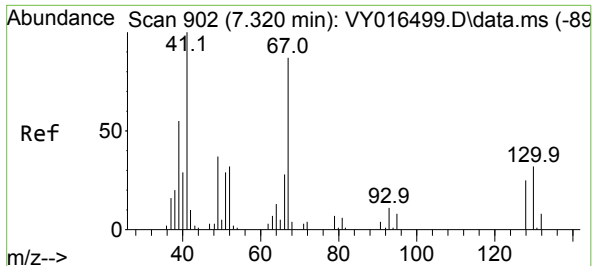
Tgt Ion: 78 Resp: 318750

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

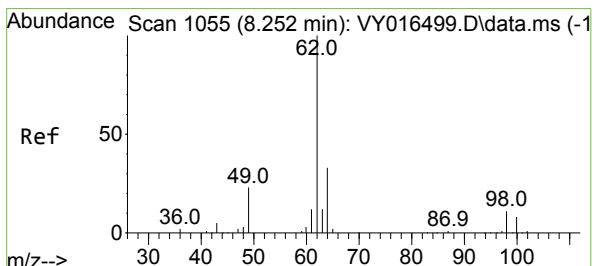
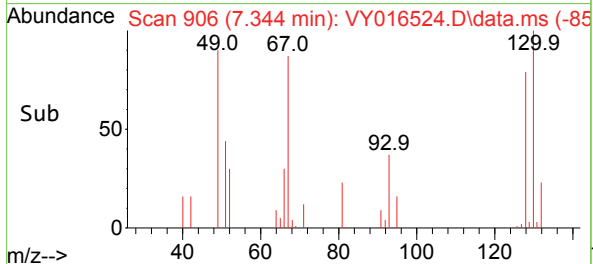
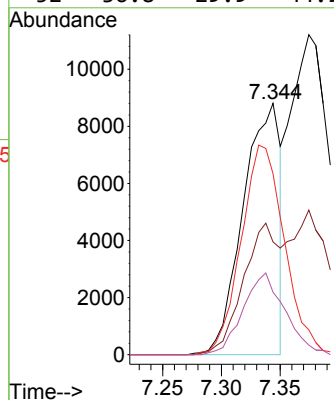
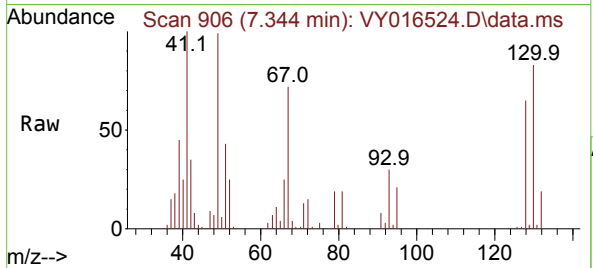




#41
Methacrylonitrile
Concen: 44.010 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

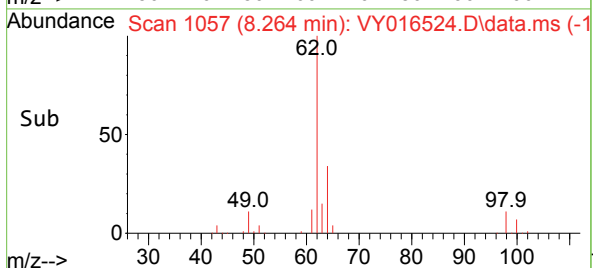
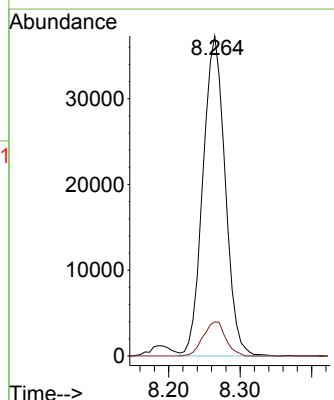
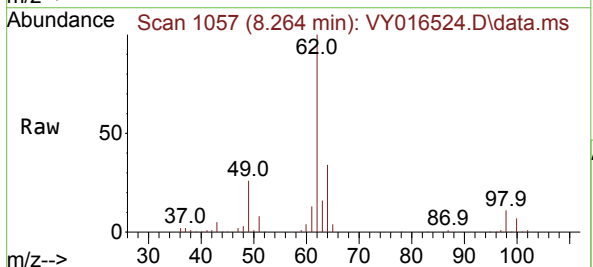
Instrument :
MSVOA_Y
ClientSampleId :

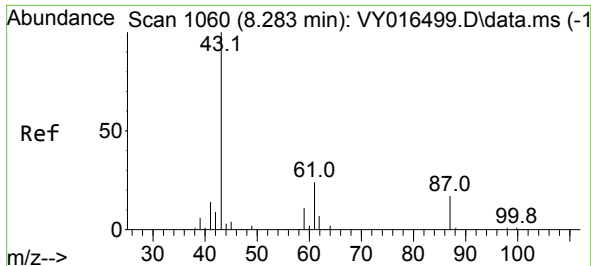
Tgt Ion: 41 Resp: 19345
Ion Ratio Lower Upper
41 100
39 50.4 52.1 78.1#
67 97.8 66.2 99.2
52 36.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 51.337 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 62 Resp: 80632
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8

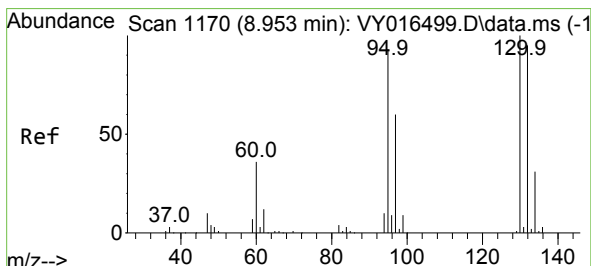
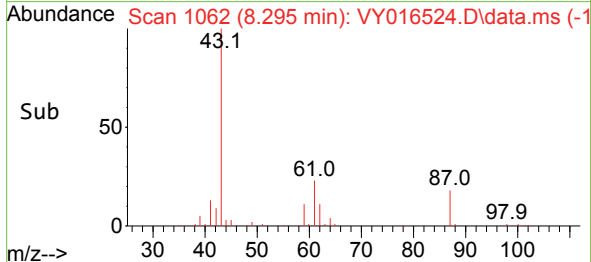
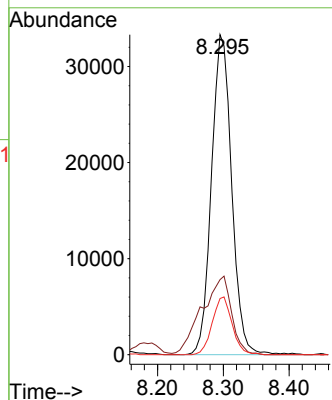
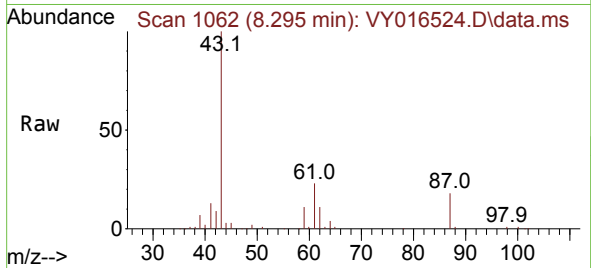




#43
Isopropyl Acetate
Concen: 42.255 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

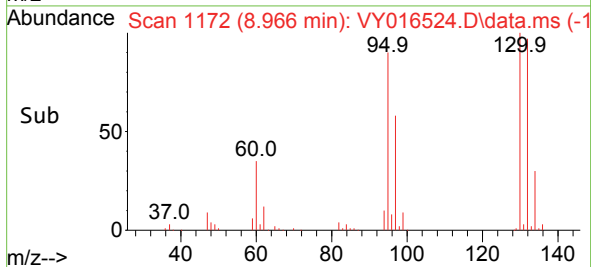
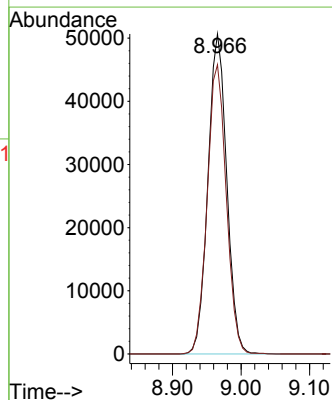
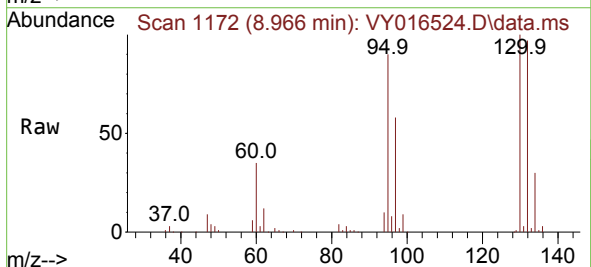
Instrument :
MSVOA_Y
ClientSampleId :

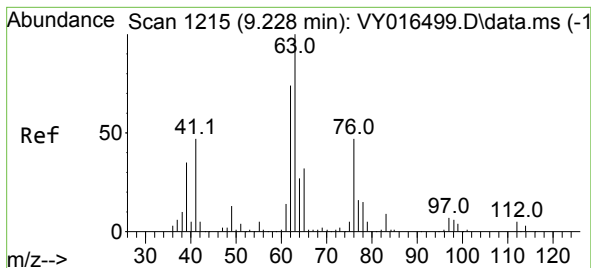
Tgt Ion: 43 Resp: 71205
Ion Ratio Lower Upper
43 100
61 36.0 21.1 31.7#
87 17.7 9.8 14.8#



#44
Trichloroethene
Concen: 55.538 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion:130 Resp: 96756
Ion Ratio Lower Upper
130 100
95 90.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.483 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

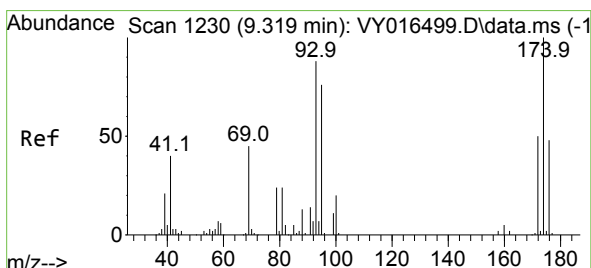
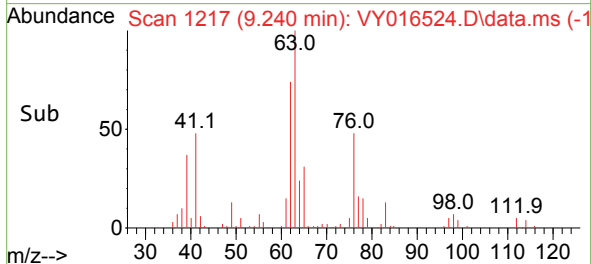
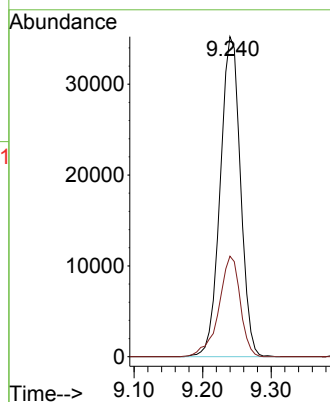
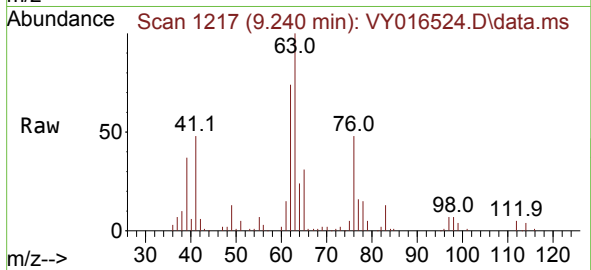
ClientSampleId :

Tgt Ion: 63 Resp: 72038

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 53.391 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

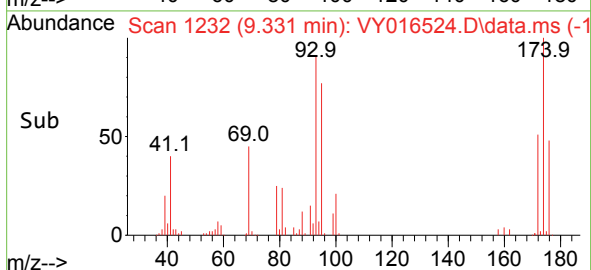
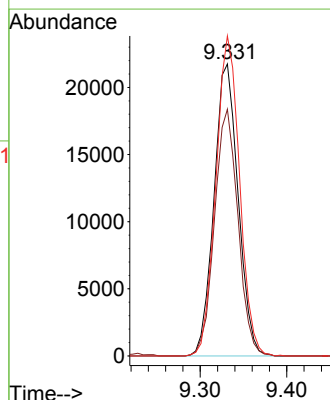
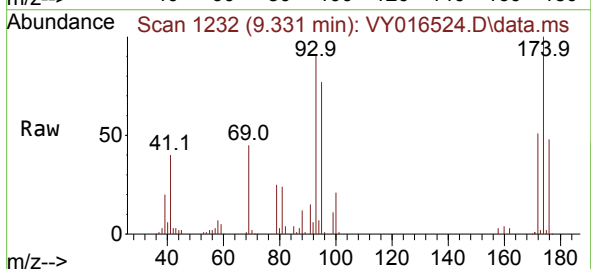
Tgt Ion: 93 Resp: 42120

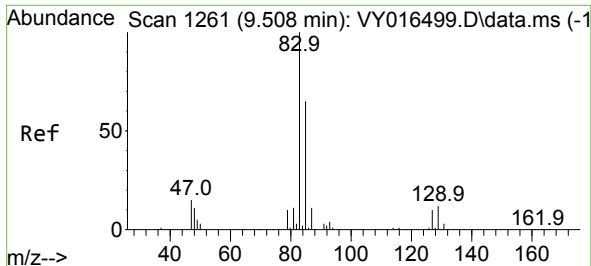
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 107.5 84.8 127.2

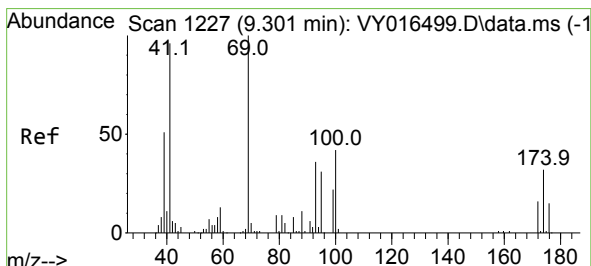
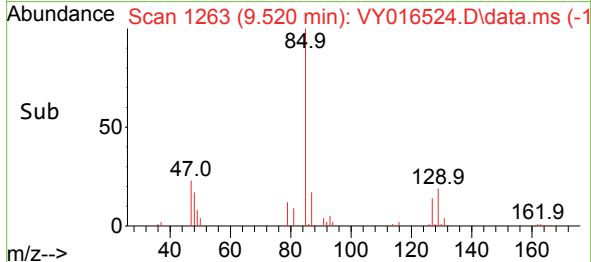
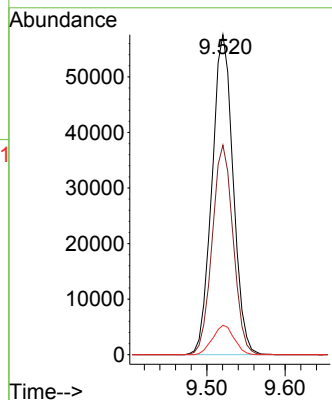
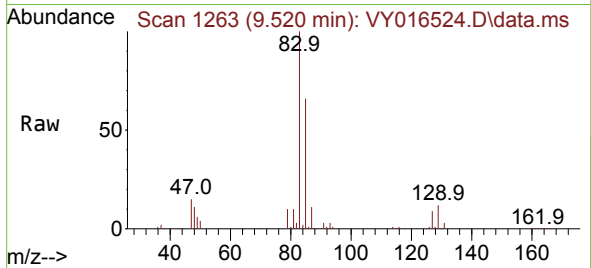




#47
Bromodichloromethane
Concen: 53.204 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

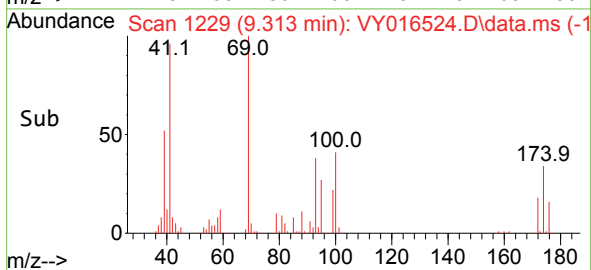
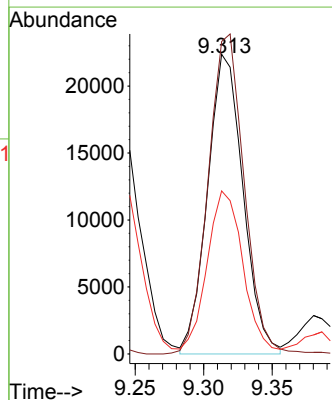
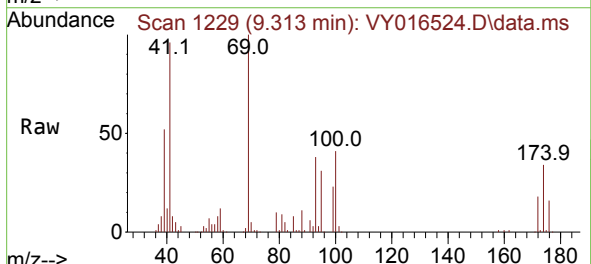
Instrument :
MSVOA_Y
ClientSampleId :

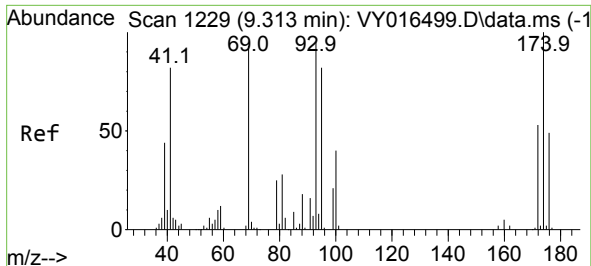
Tgt Ion: 83 Resp: 107907
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 43.310 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 41 Resp: 40335
Ion Ratio Lower Upper
41 100
69 108.1 64.5 96.7#
39 52.3 50.8 76.2





#49

1,4-Dioxane

Concen: 939.542 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

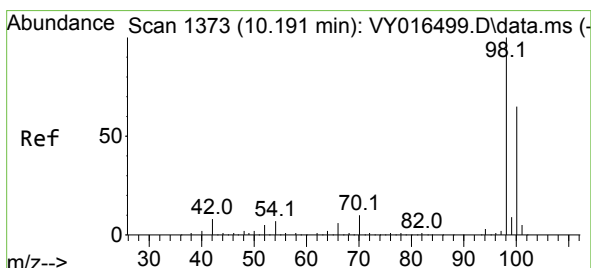
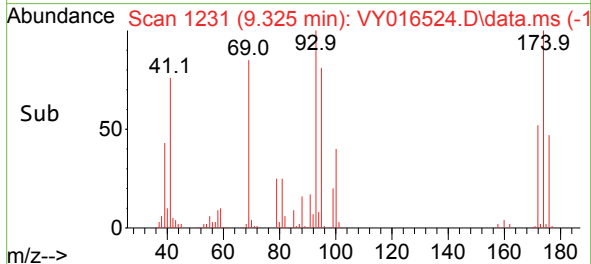
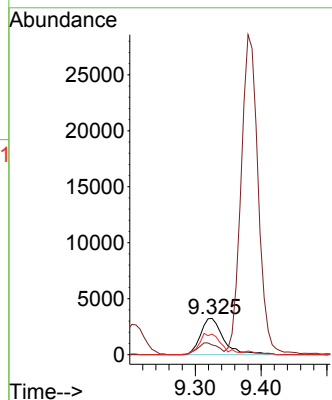
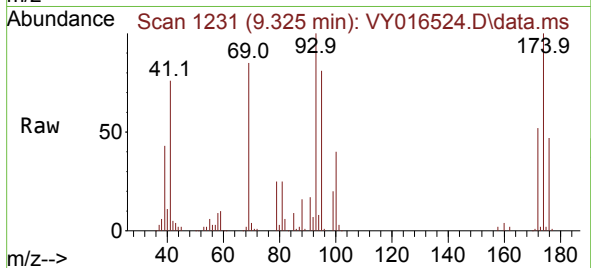
Tgt Ion: 88 Resp: 7869

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 55.9 30.9 46.3#



#50

Toluene-d8

Concen: 50.259 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016524.D

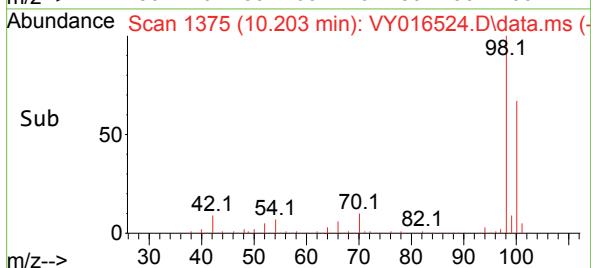
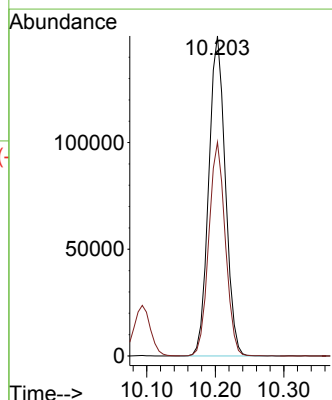
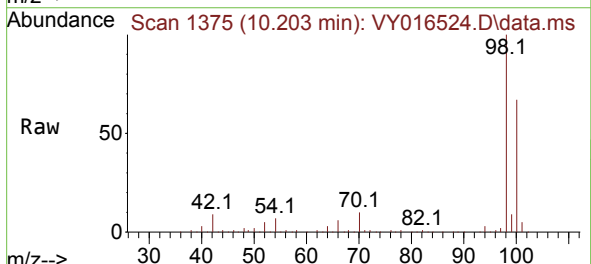
Acq: 28 Nov 2023 16:49

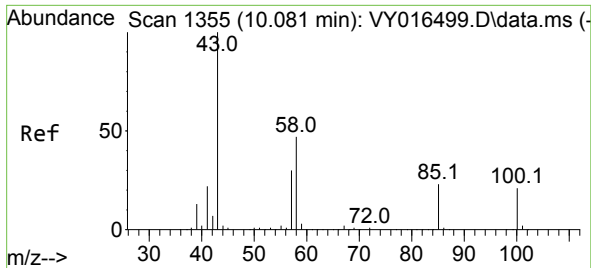
Tgt Ion: 98 Resp: 253249

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1

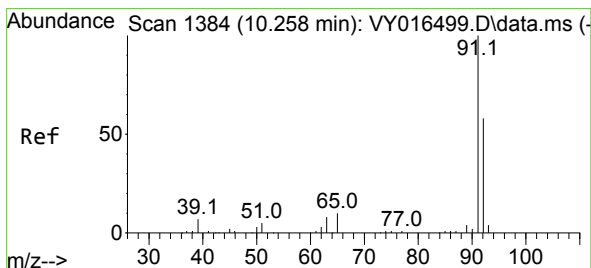
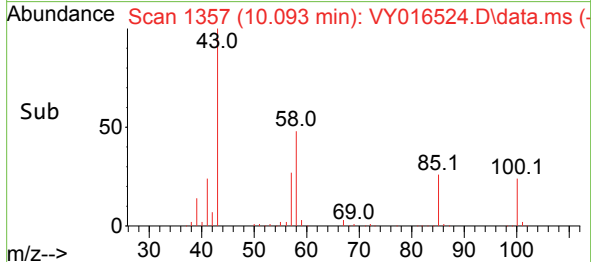
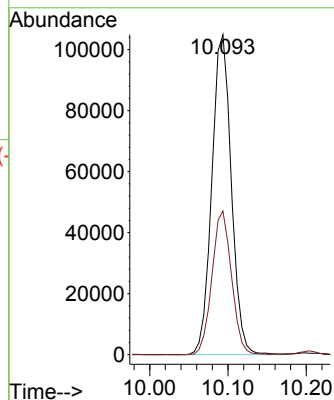
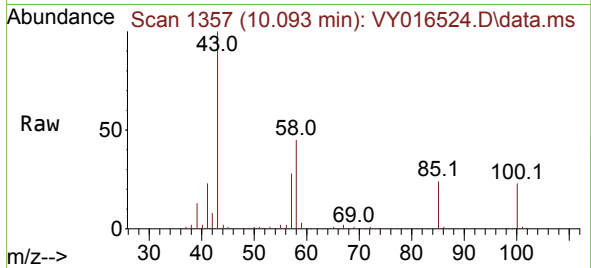




#51
4-Methyl-2-Pentanone
Concen: 212.839 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

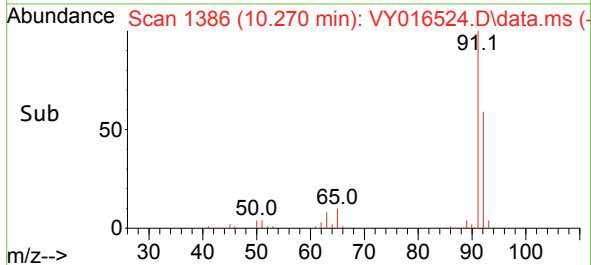
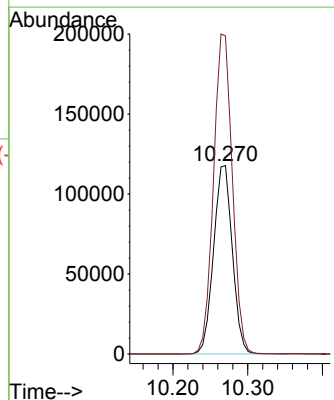
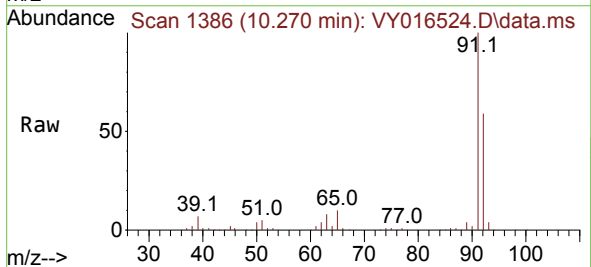
Instrument :
MSVOA_Y
ClientSampleId :

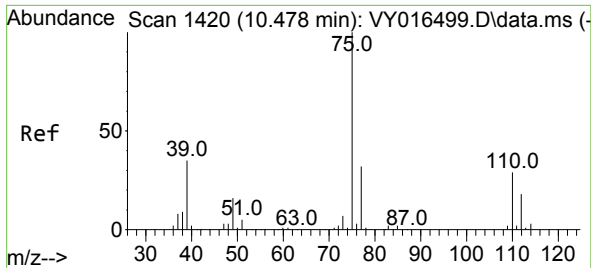
Tgt Ion: 43 Resp: 181366
Ion Ratio Lower Upper
43 100
58 45.1 29.0 43.6#



#52
Toluene
Concen: 53.700 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 92 Resp: 205769
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6

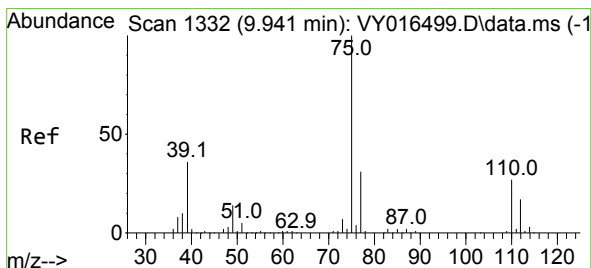
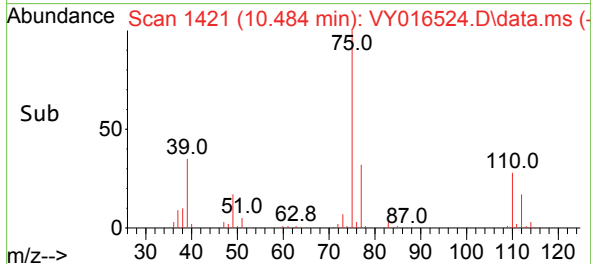
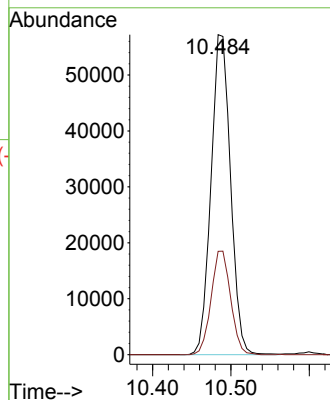
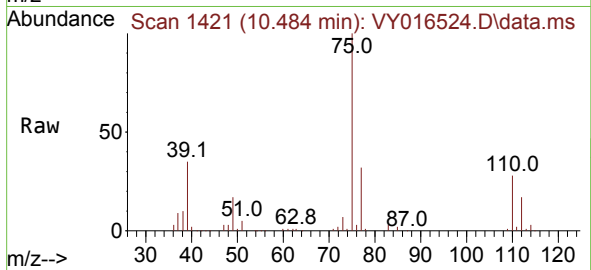




#53
 t-1,3-Dichloropropene
 Concen: 50.397 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016524.D
 Acq: 28 Nov 2023 16:49

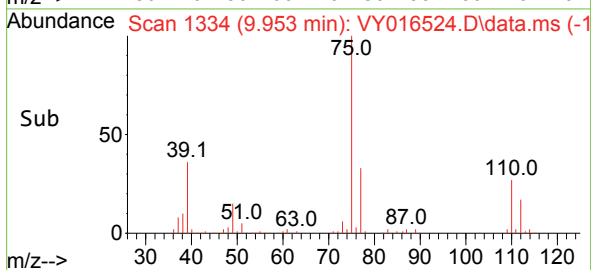
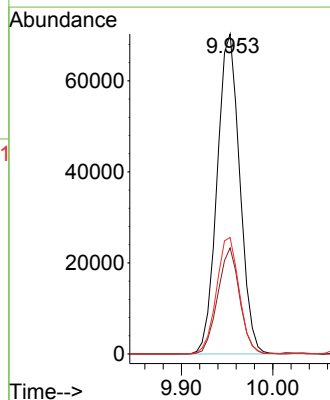
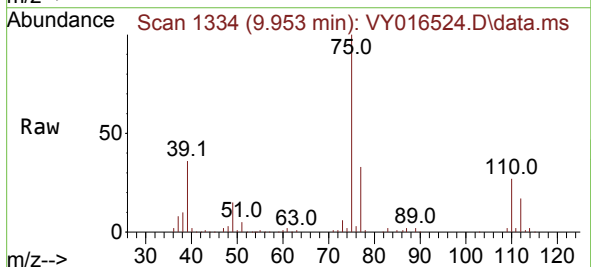
Instrument :
 MSVOA_Y
 ClientSampleId :

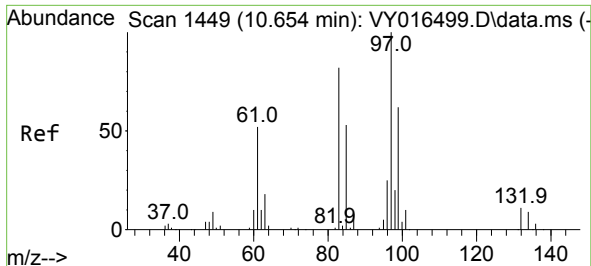
Tgt Ion: 75 Resp: 99088
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.530 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016524.D
 Acq: 28 Nov 2023 16:49

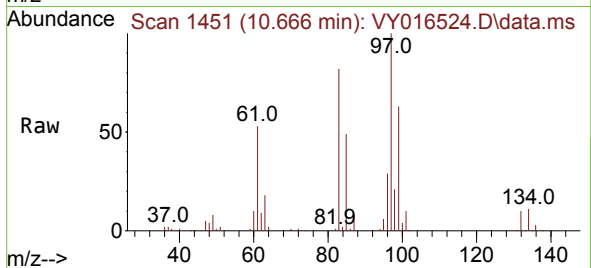
Tgt Ion: 75 Resp: 121012
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.2 36.4
 39 36.4 42.2 63.4#





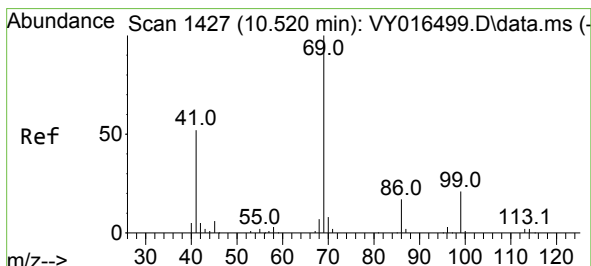
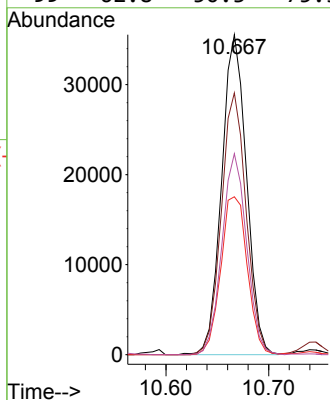
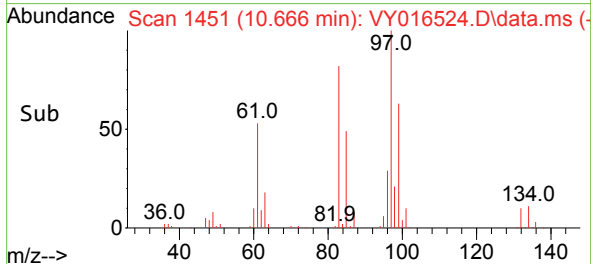
#55
 1,1,2-Trichloroethane
 Concen: 54.888 ug/l
 RT: 10.666 min Scan# 1449
 Delta R.T. 0.012 min
 Lab File: VY016524.D
 Acq: 28 Nov 2023 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :

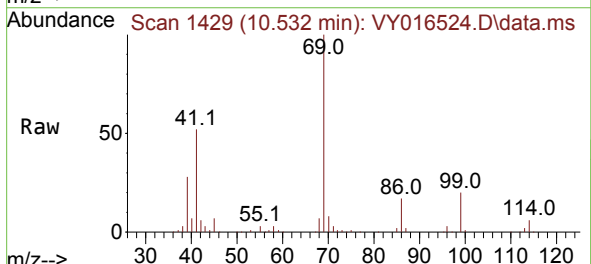


Tgt Ion: 97 Resp: 59682

Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.0	108.0
85	49.4	45.4	68.0
99	62.8	50.3	75.5

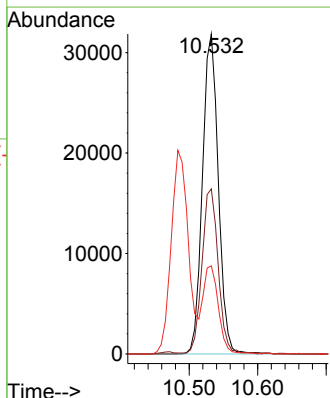
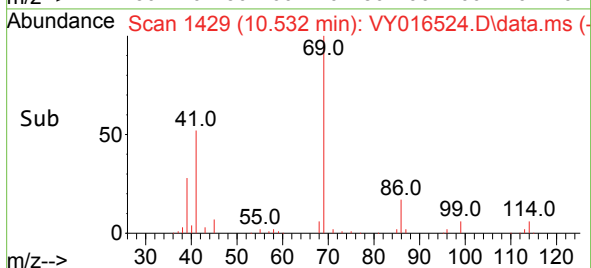


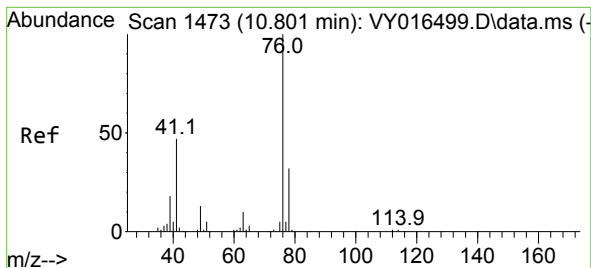
#56
 Ethyl methacrylate
 Concen: 50.062 ug/l
 RT: 10.532 min Scan# 1429
 Delta R.T. 0.012 min
 Lab File: VY016524.D
 Acq: 28 Nov 2023 16:49



Tgt Ion: 69 Resp: 51385

Ion	Ratio	Lower	Upper
69	100		
41	52.9	57.6	86.4#
39	26.2	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 52.078 ug/l

RT: 10.813 min Scan# 1473

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

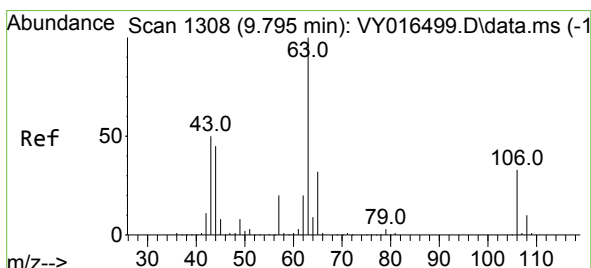
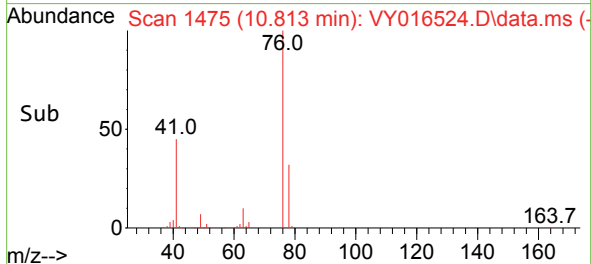
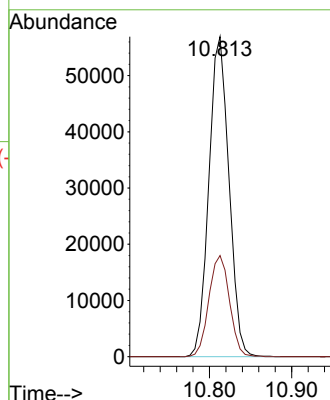
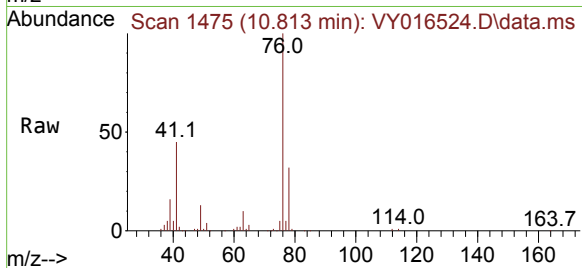
ClientSampleId :

Tgt Ion: 76 Resp: 96525

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 232.230 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.012 min

Lab File: VY016524.D

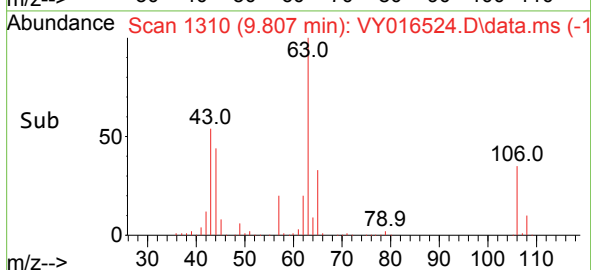
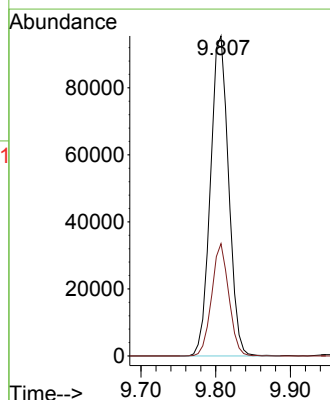
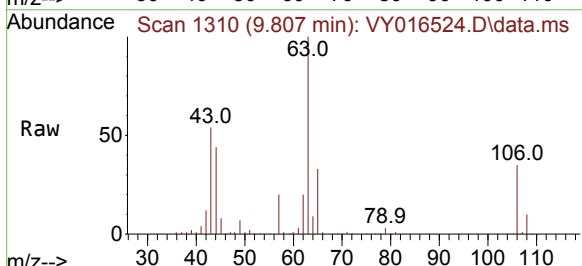
Acq: 28 Nov 2023 16:49

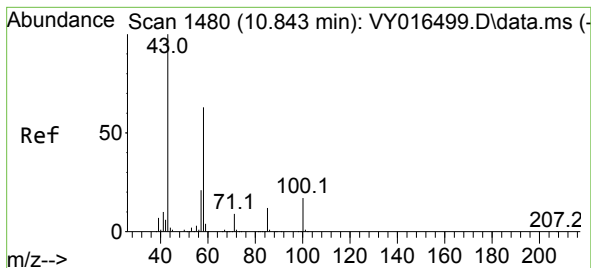
Tgt Ion: 63 Resp: 161629

Ion Ratio Lower Upper

63 100

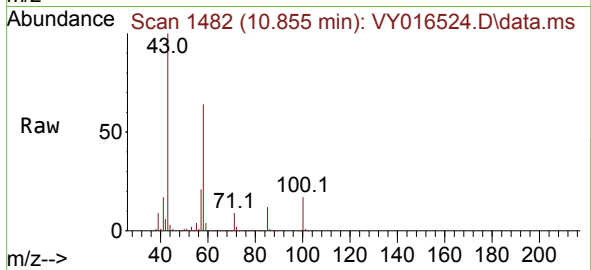
106 33.1 21.2 31.8#



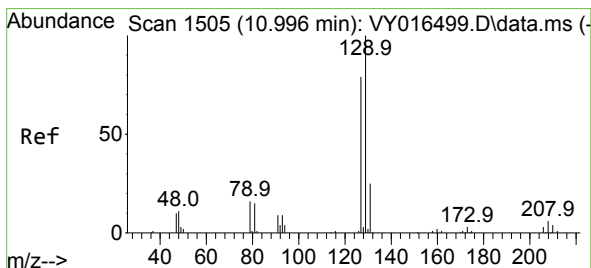
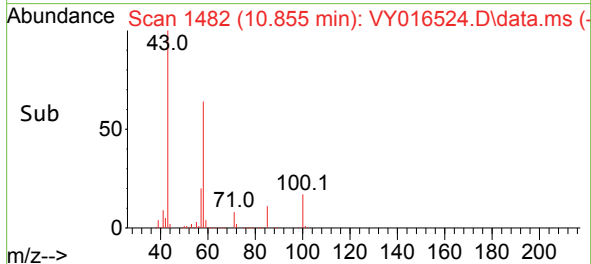
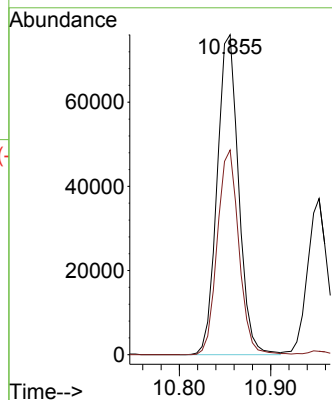


#59
2-Hexanone
Concen: 196.240 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :

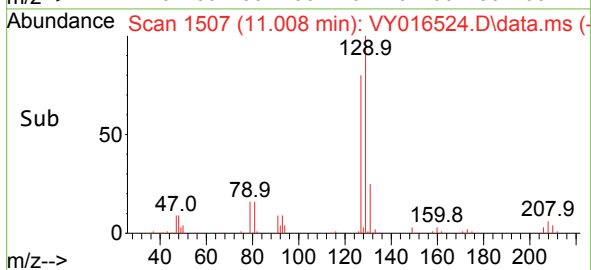
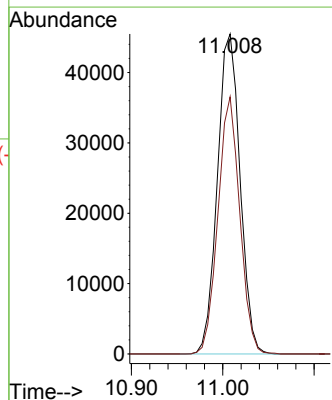
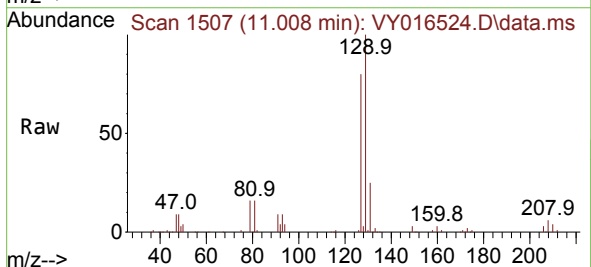


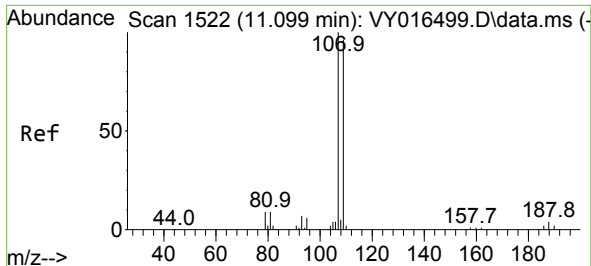
Tgt Ion: 43 Resp: 124383
Ion Ratio Lower Upper
43 100
58 64.1 25.1 75.3



#60
Dibromochloromethane
Concen: 57.745 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 129 Resp: 78527
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

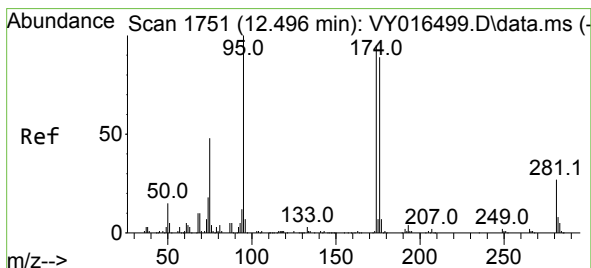
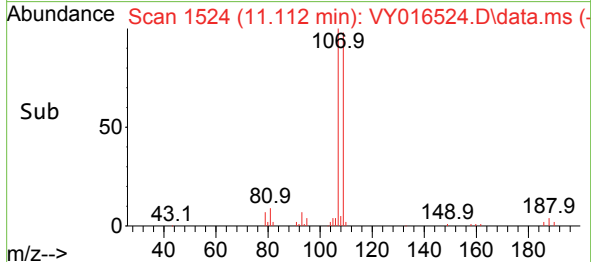
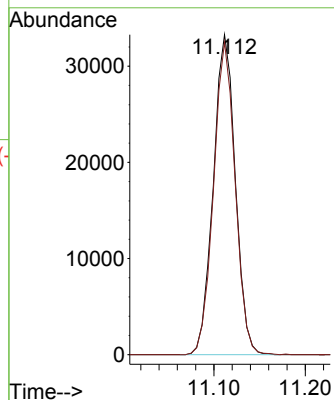
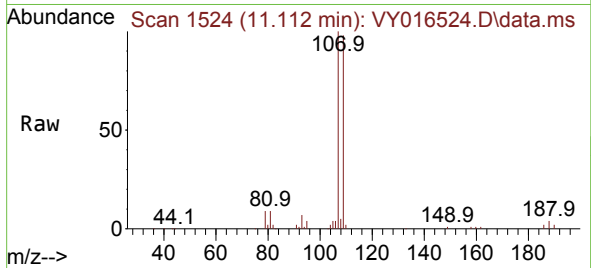




#61
1,2-Dibromoethane
Concen: 53.735 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

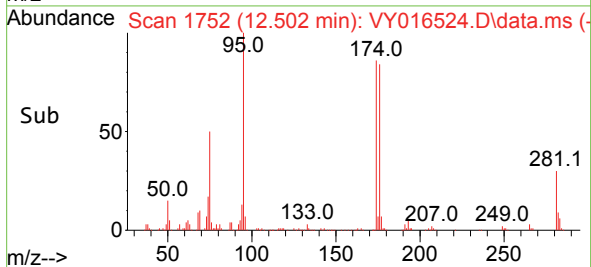
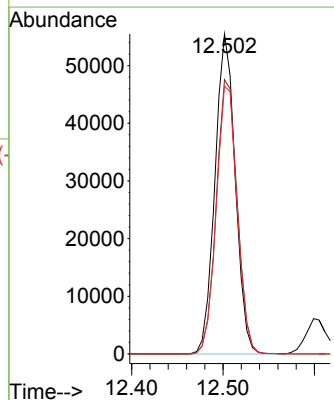
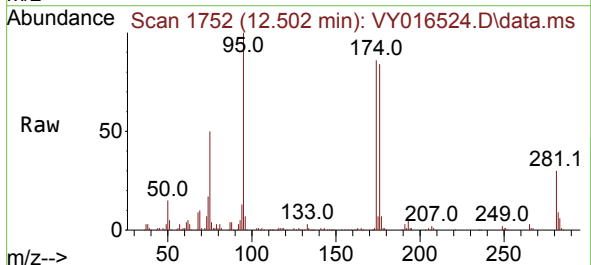
Instrument :
MSVOA_Y
ClientSampleId :

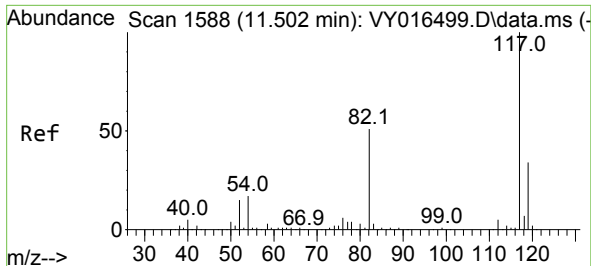
Tgt Ion:107 Resp: 55665
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.245 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 95 Resp: 85501
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 86.6 0.0 173.8

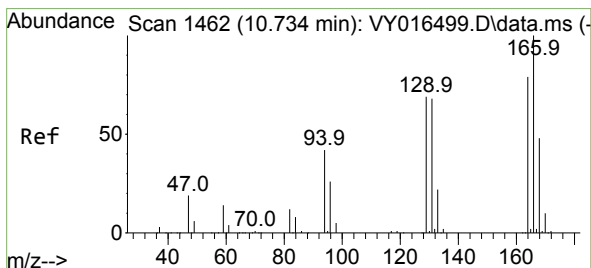
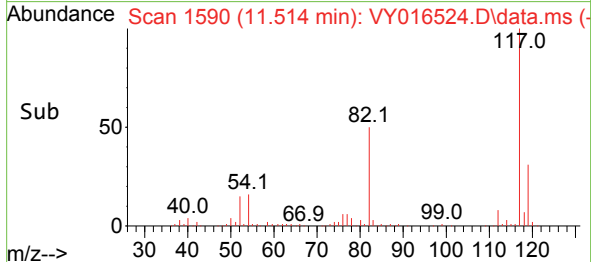
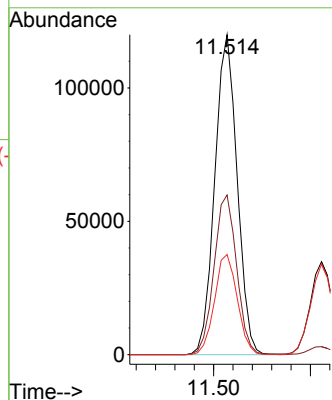
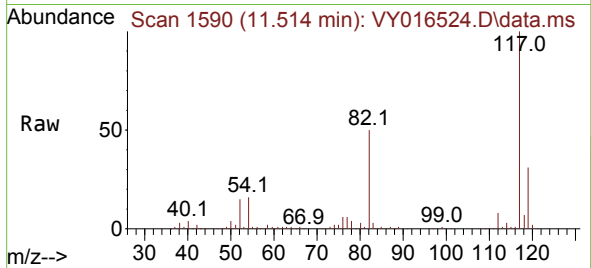




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

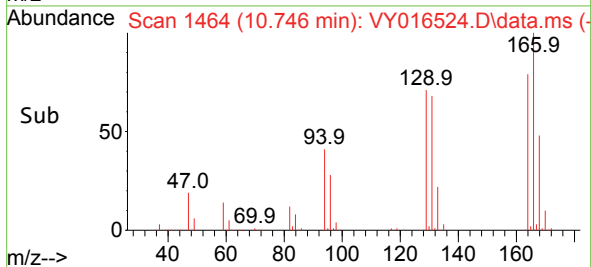
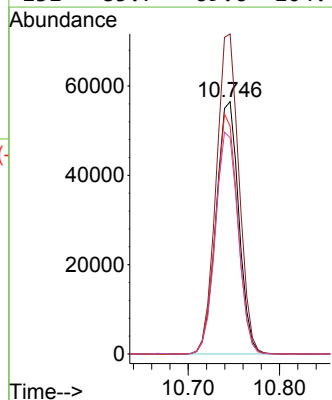
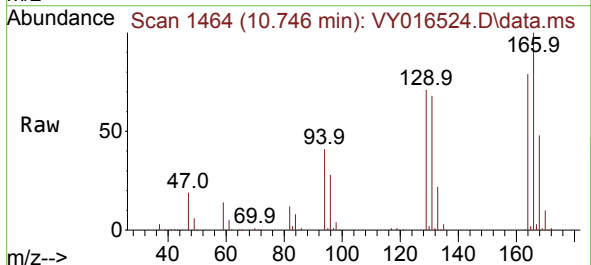
Instrument :
MSVOA_Y
ClientSampleId :

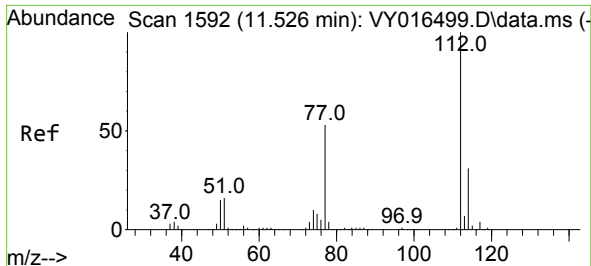
Tgt Ion:117 Resp: 192324
Ion Ratio Lower Upper
117 100
82 49.9 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 56.361 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.018 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion:164 Resp: 97328
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 90.2 77.2 115.8
131 85.7 69.6 104.4

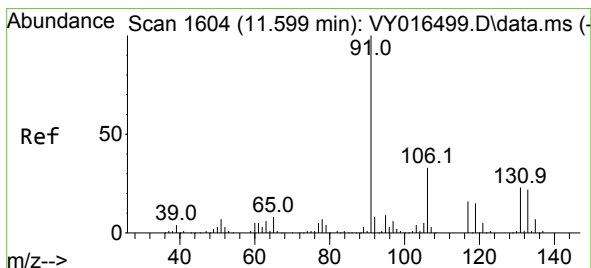
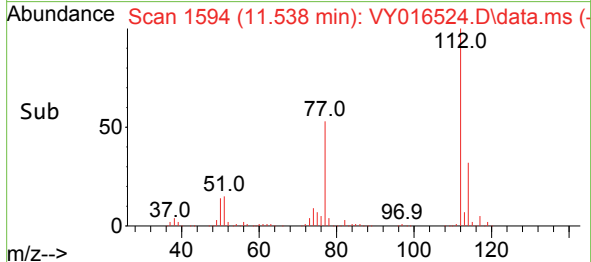
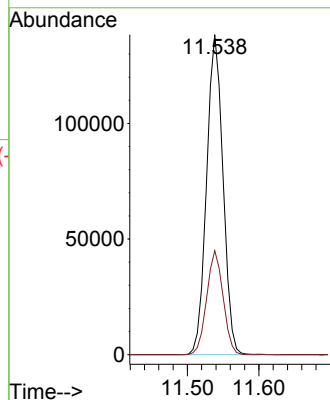
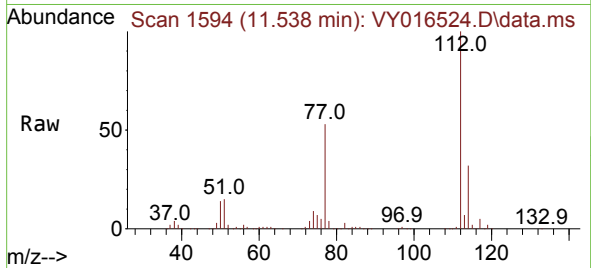




#65
Chlorobenzene
Concen: 53.659 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

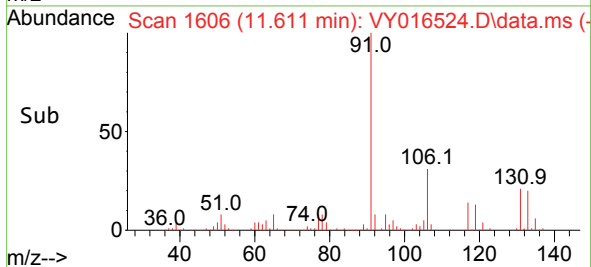
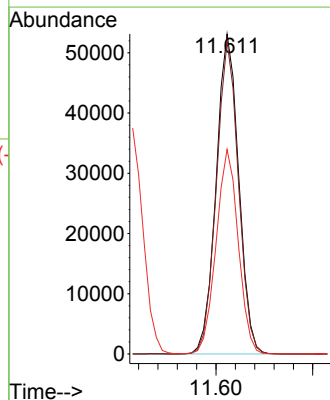
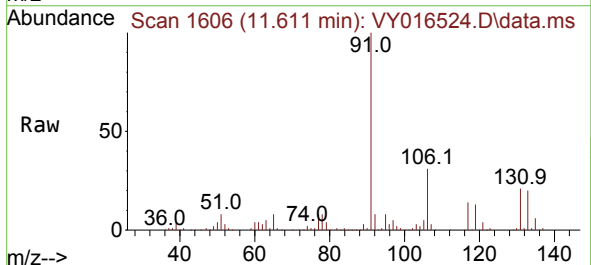
Instrument :
MSVOA_Y
ClientSampleId :

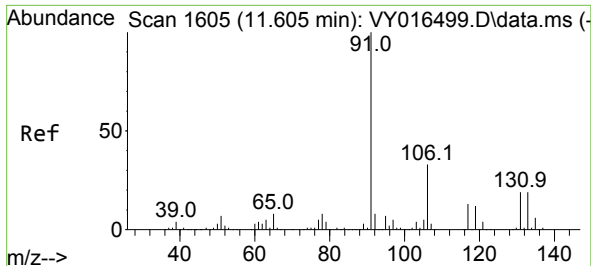
Tgt Ion:112 Resp: 220488
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.657 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

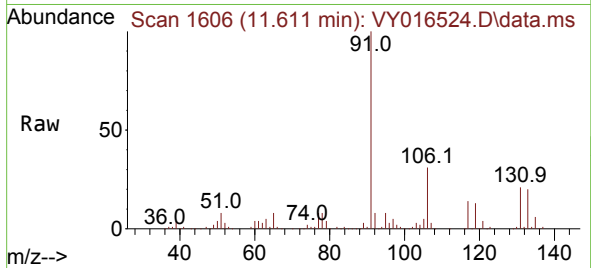
Tgt Ion:131 Resp: 85866
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 62.8 31.6 94.7



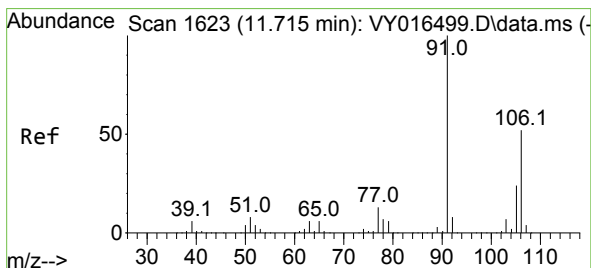
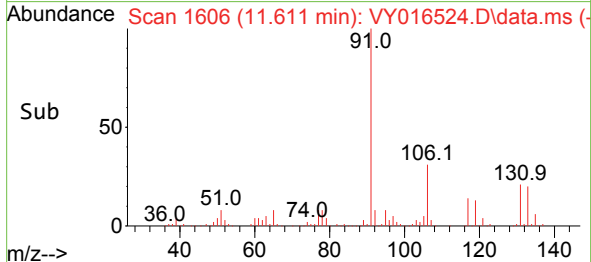
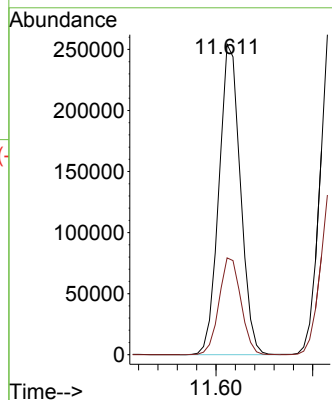


#67
Ethyl Benzene
Concen: 52.984 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :

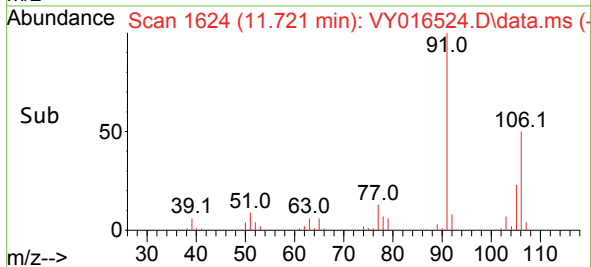
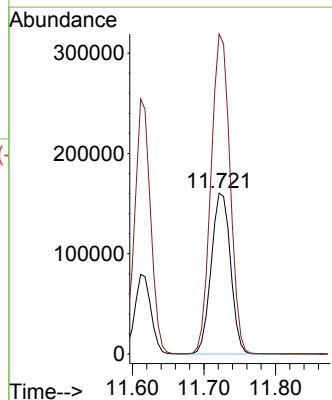
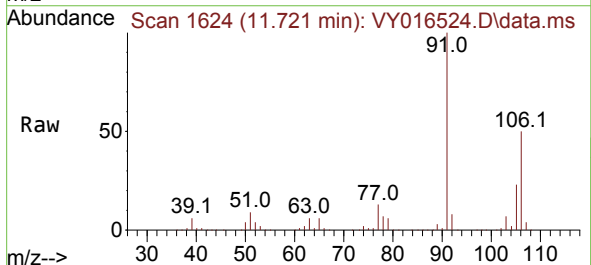


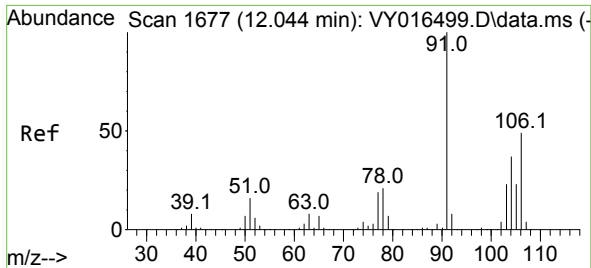
Tgt Ion: 91 Resp: 391271
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 107.334 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.006 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion:106 Resp: 300634
Ion Ratio Lower Upper
106 100
91 196.2 166.1 249.1

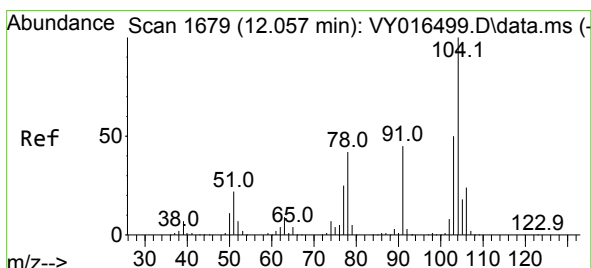
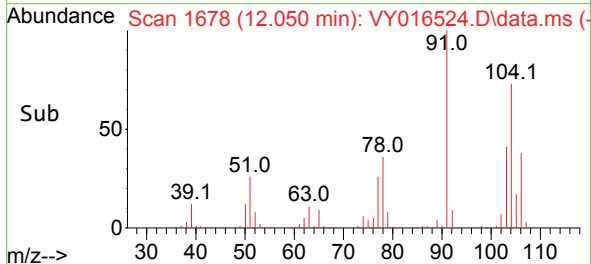
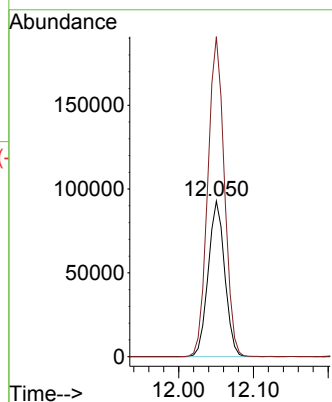
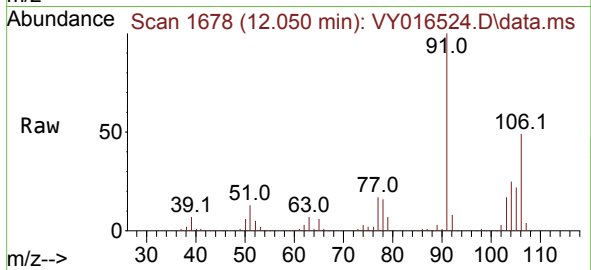




#69
o-Xylene
Concen: 54.702 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

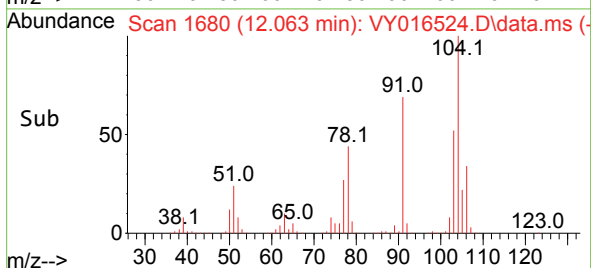
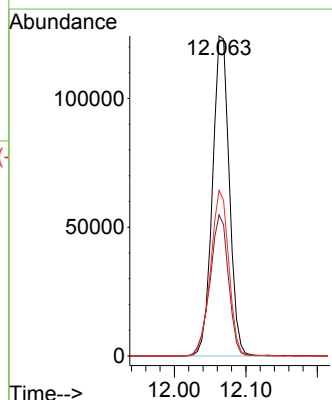
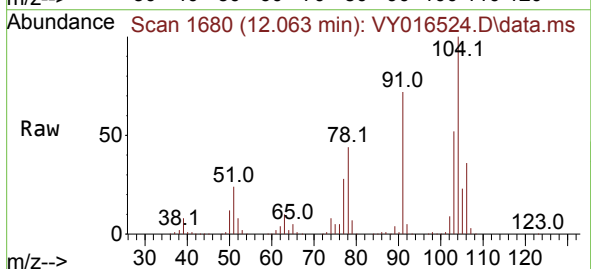
Instrument :
MSVOA_Y
ClientSampleId :

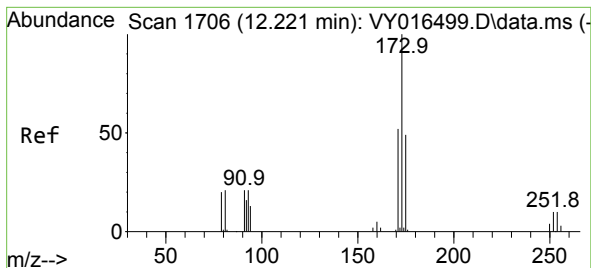
Tgt Ion:106 Resp: 142254
Ion Ratio Lower Upper
106 100
91 206.5 108.1 324.3



#70
Styrene
Concen: 54.581 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion:104 Resp: 203243
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 55.9 44.6 67.0





#71

Bromoform

Concen: 57.449 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

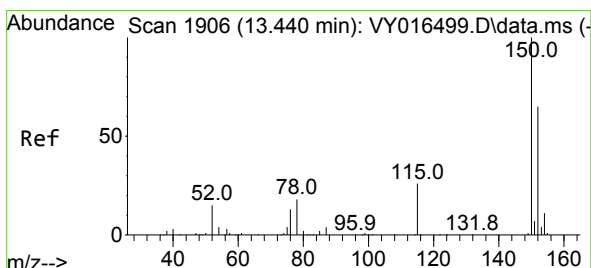
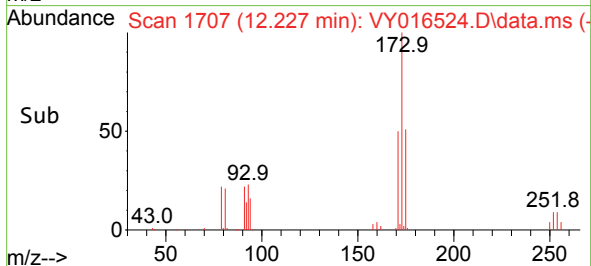
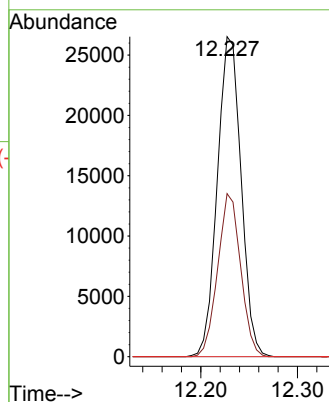
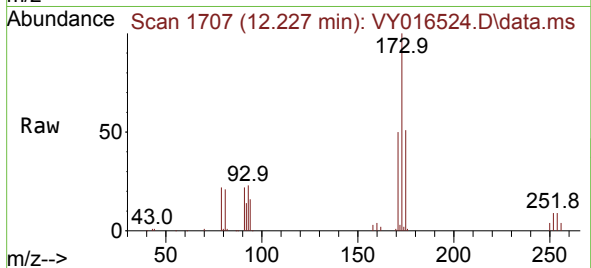
Tgt Ion:173 Resp: 45178

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

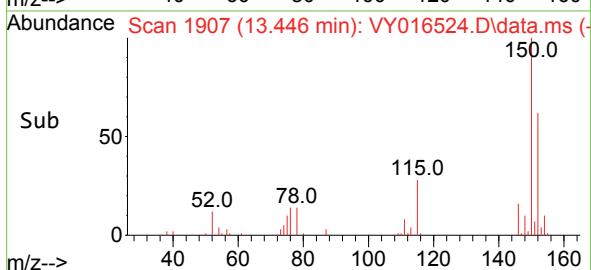
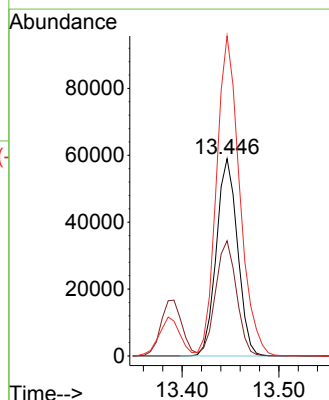
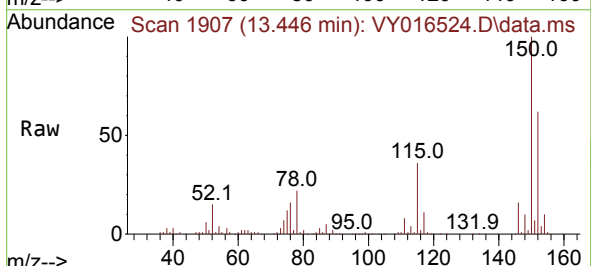
Tgt Ion:152 Resp: 89784

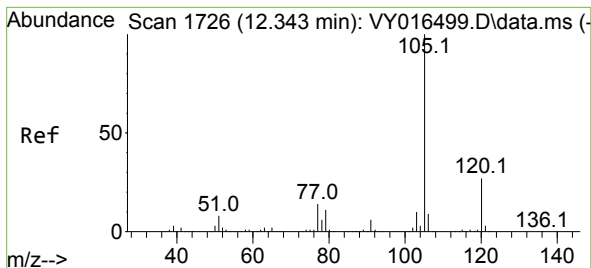
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 177.2 0.0 348.8





#73

Isopropylbenzene

Concen: 53.037 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

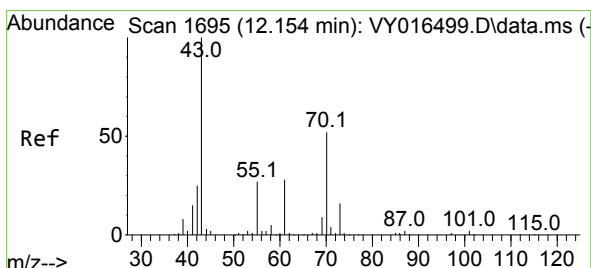
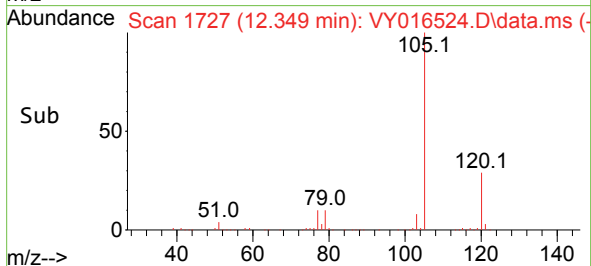
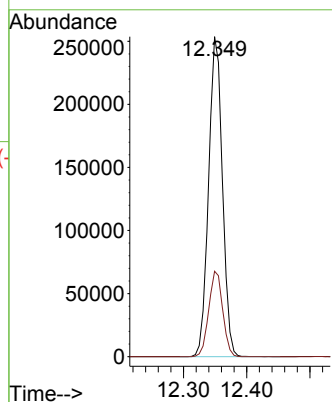
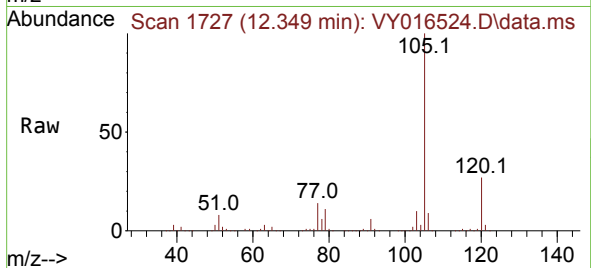
ClientSampleId :

Tgt Ion:105 Resp: 385604

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 38.105 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Tgt Ion: 43 Resp: 55648

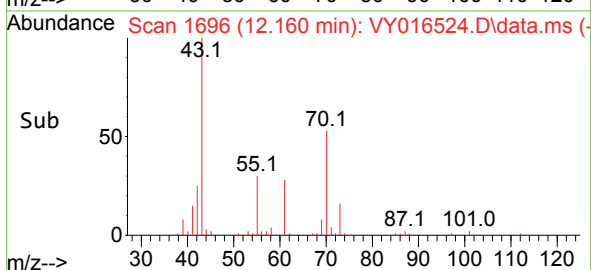
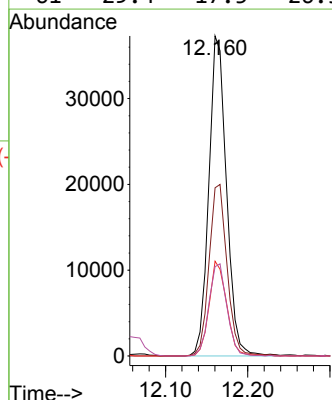
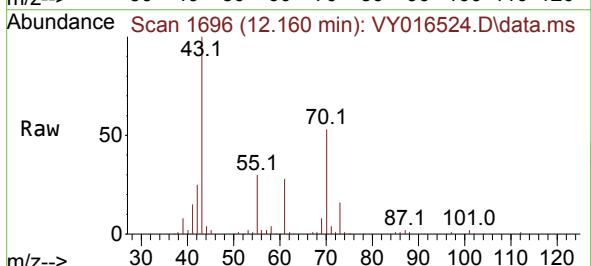
Ion Ratio Lower Upper

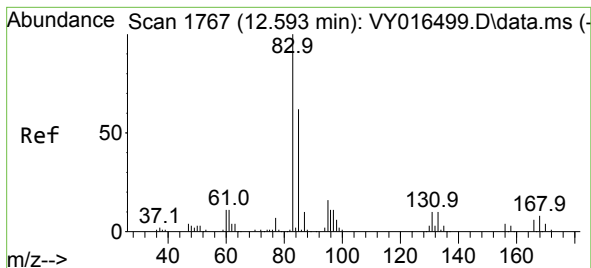
43 100

70 54.7 29.7 44.5#

55 29.5 18.3 27.5#

61 29.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.530 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

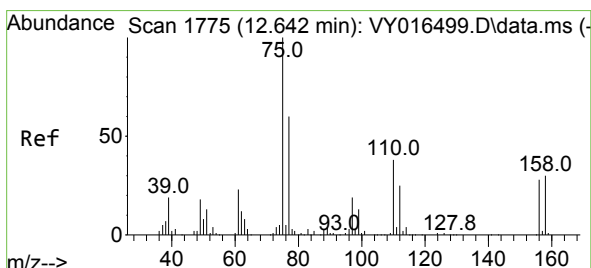
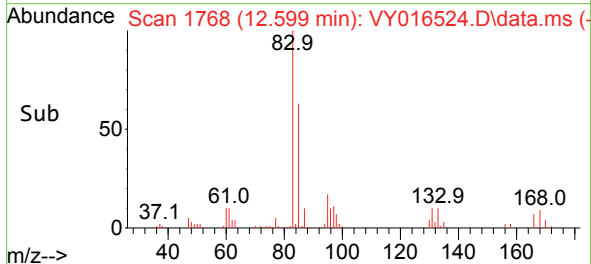
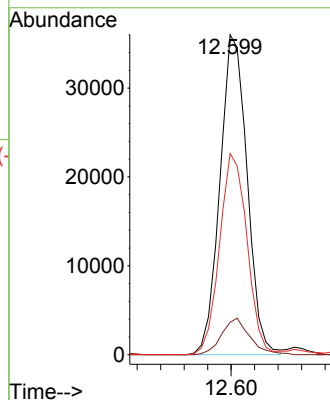
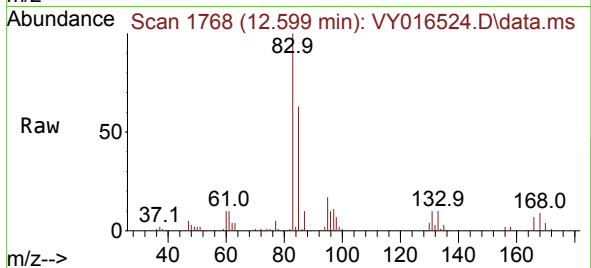
Tgt Ion: 83 Resp: 57784

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.884 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016524.D

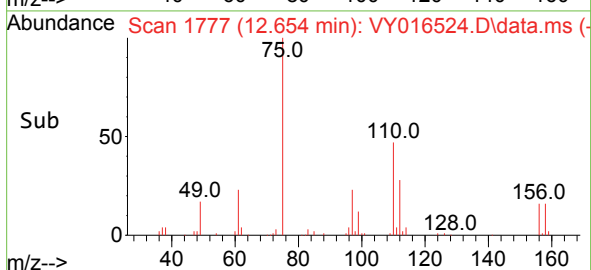
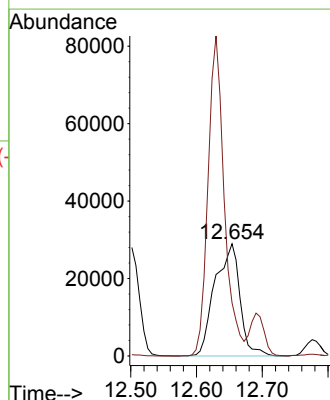
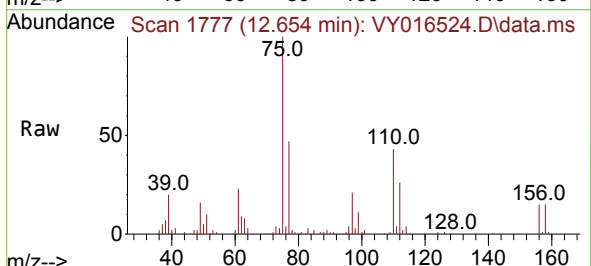
Acq: 28 Nov 2023 16:49

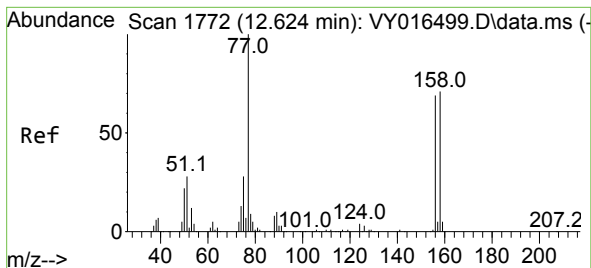
Tgt Ion: 75 Resp: 76555

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.132 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016524.D

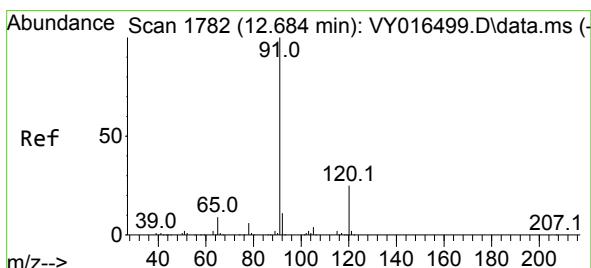
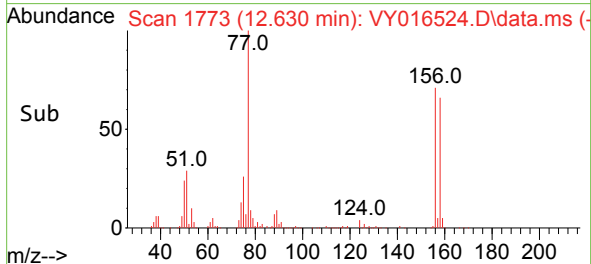
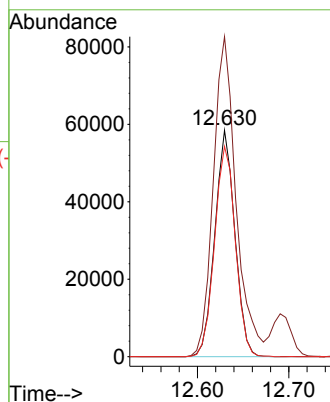
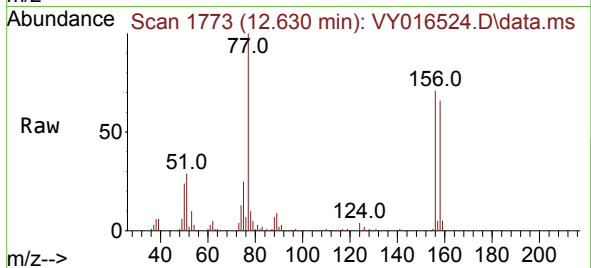
Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	88952
Ion Ratio	Lower	Upper	
156	100		
77	160.8	92.8	278.6
158	96.6	48.4	145.3



#78

n-propylbenzene

Concen: 50.031 ug/l

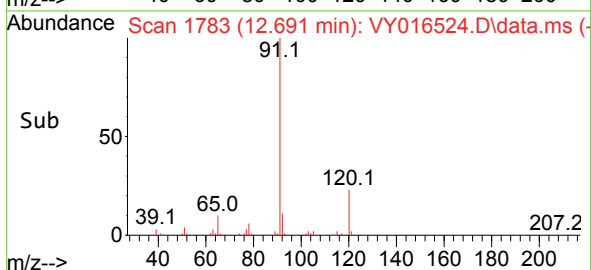
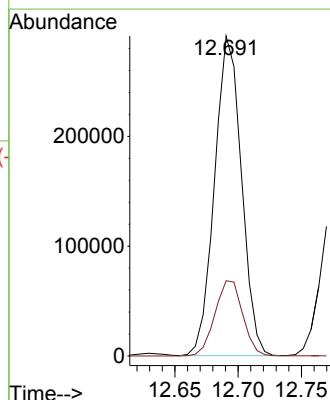
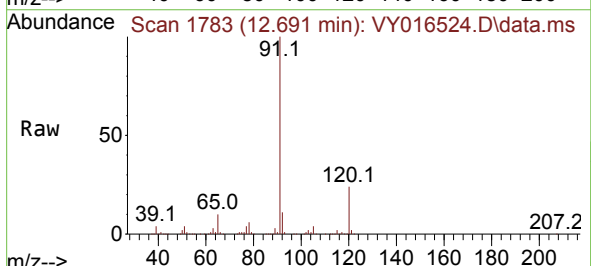
RT: 12.691 min Scan# 1783

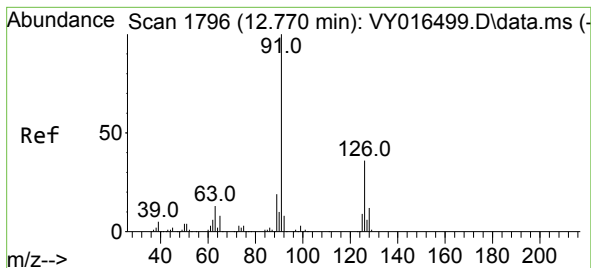
Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Tgt Ion:	91	Resp:	429875
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.5	34.4

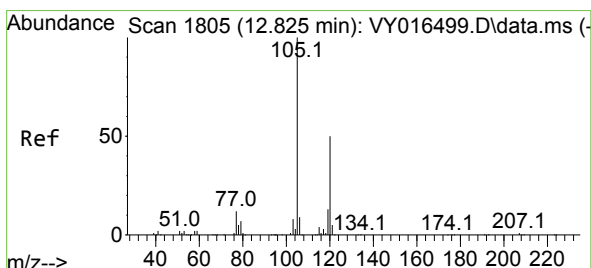
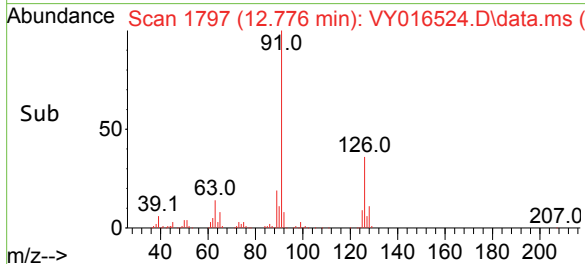
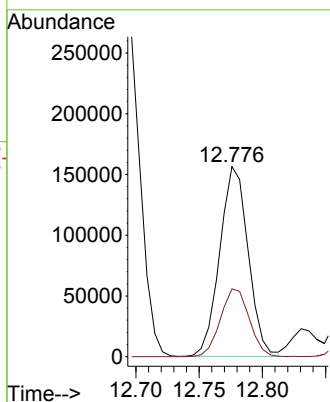
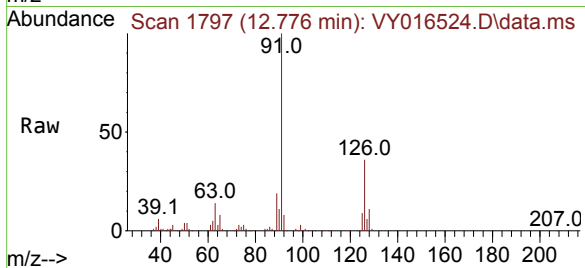




#79
2-Chlorotoluene
Concen: 51.700 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

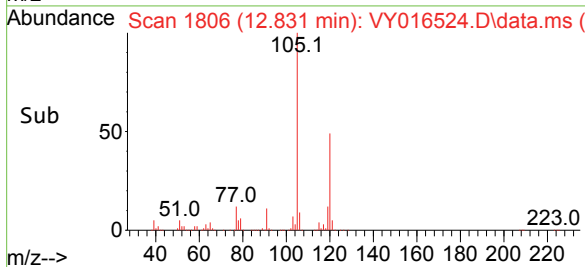
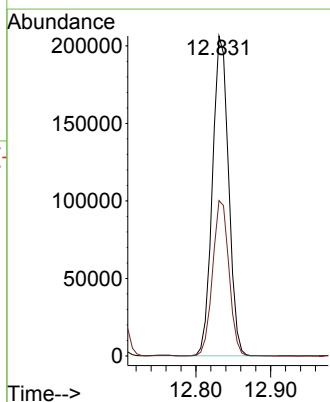
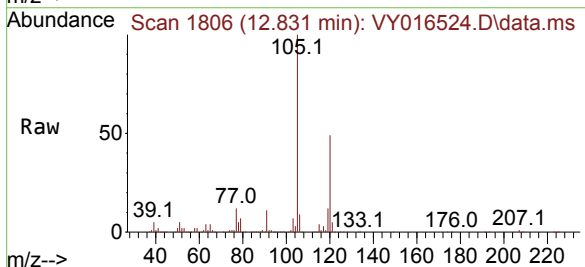
Instrument :
MSVOA_Y
ClientSampleId :

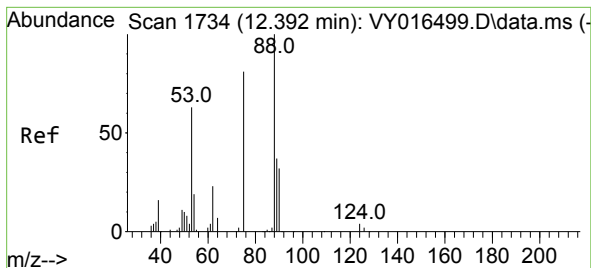
Tgt Ion: 91 Resp: 244808
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.741 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 105 Resp: 309162
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

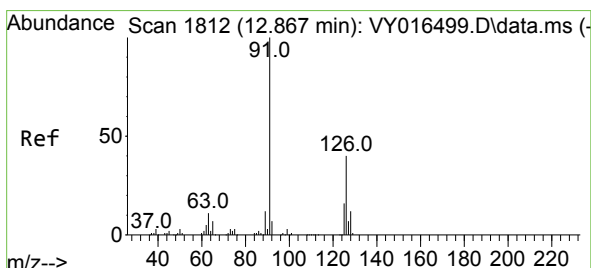
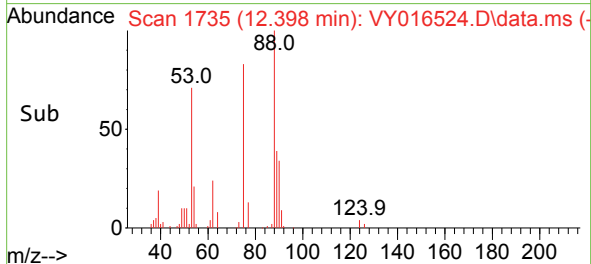
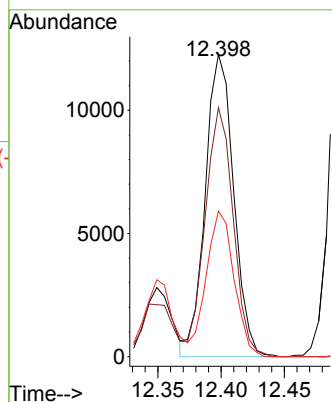
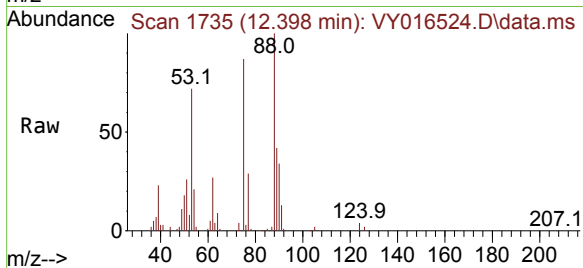




#81
trans-1,4-Dichloro-2-butene
Concen: 48.256 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

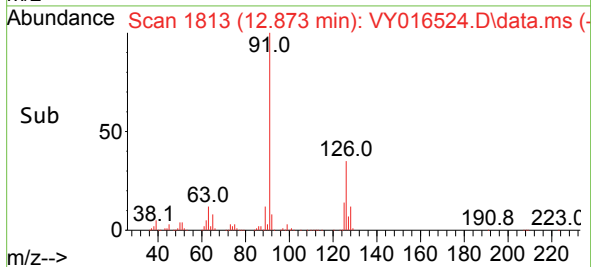
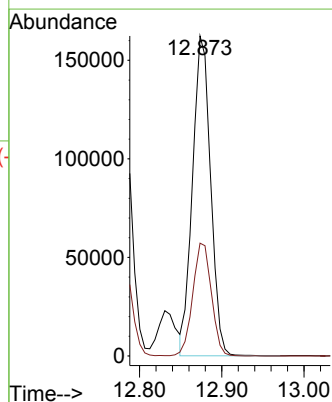
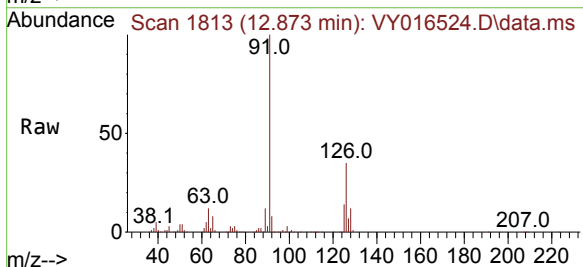
Instrument :
MSVOA_Y
ClientSampleId :

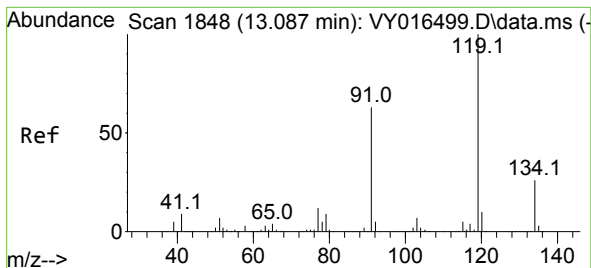
Tgt Ion: 75 Resp: 19148
Ion Ratio Lower Upper
75 100
53 80.7 77.8 116.8
89 47.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.588 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion: 91 Resp: 247524
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.730 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

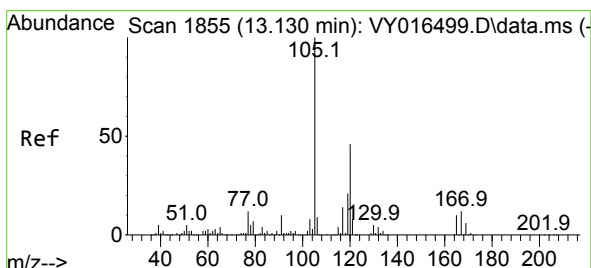
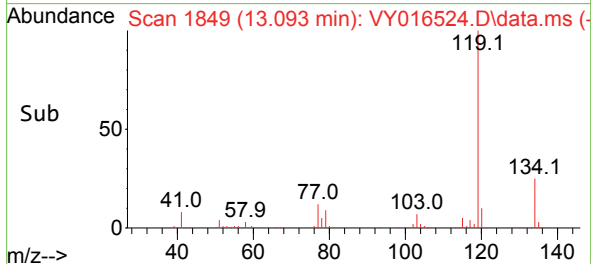
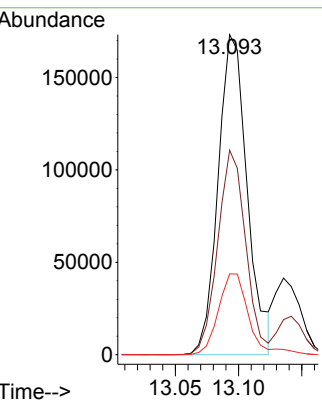
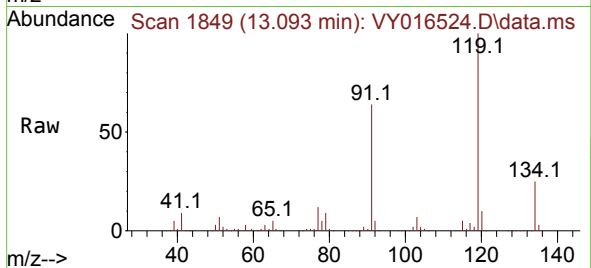
Tgt Ion:119 Resp: 277416

Ion Ratio Lower Upper

119 100

91 61.4 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.347 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016524.D

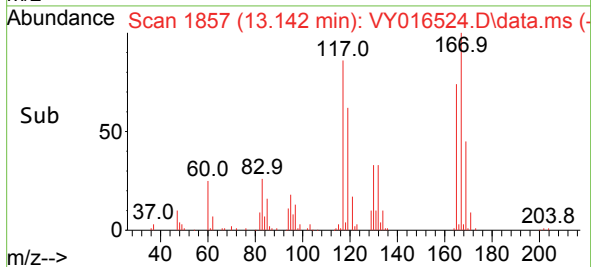
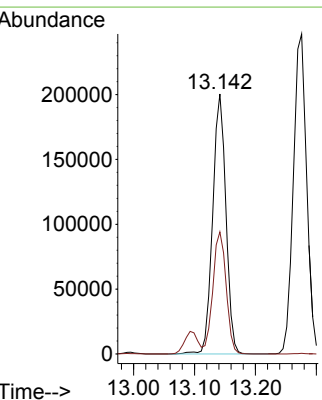
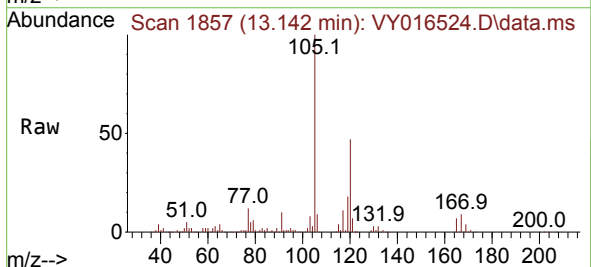
Acq: 28 Nov 2023 16:49

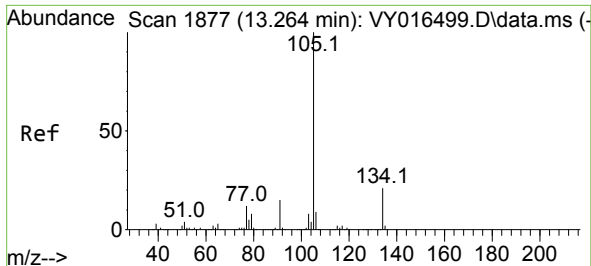
Tgt Ion:105 Resp: 302140

Ion Ratio Lower Upper

105 100

120 47.2 22.2 66.6

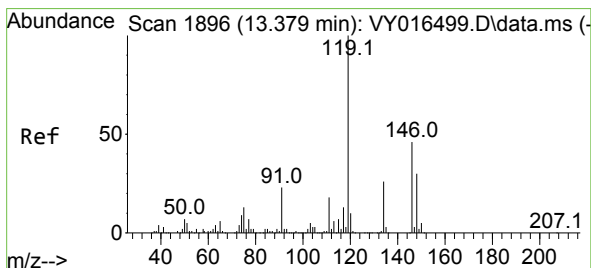
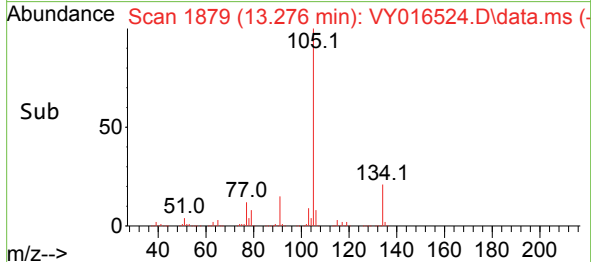
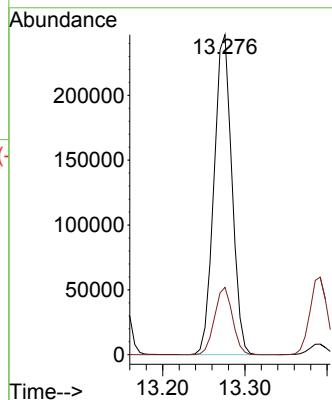
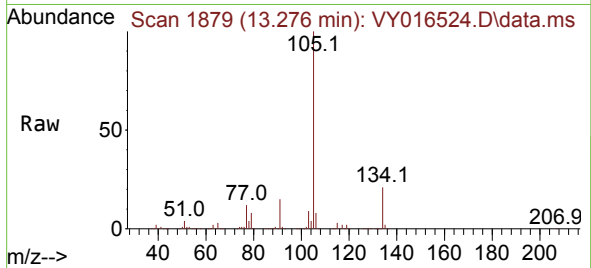




#85
 sec-Butylbenzene
 Concen: 50.500 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016524.D
 Acq: 28 Nov 2023 16:49

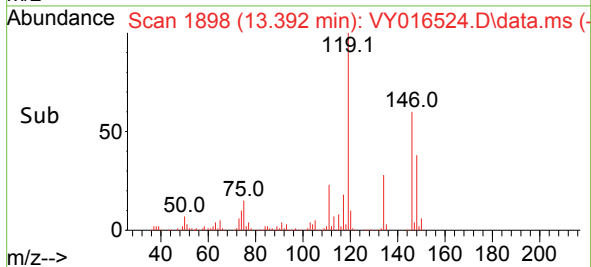
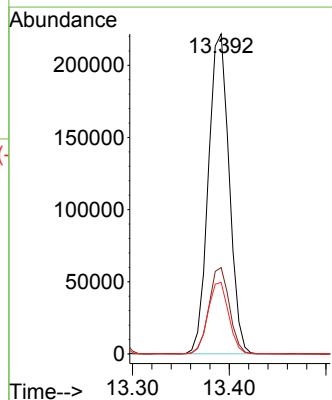
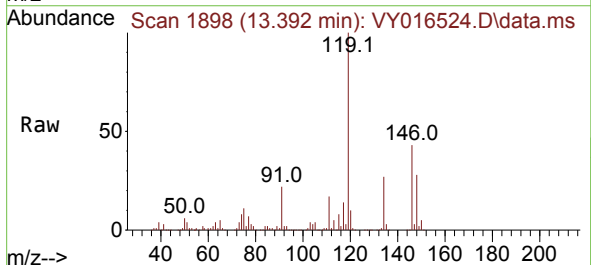
Instrument :
 MSVOA_Y
 ClientSampleId :

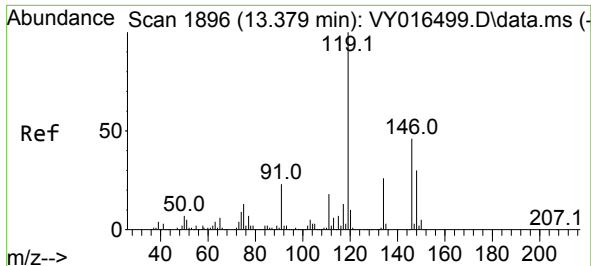
Tgt Ion:105 Resp: 372503
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.924 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.012 min
 Lab File: VY016524.D
 Acq: 28 Nov 2023 16:49

Tgt Ion:119 Resp: 329799
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.5 12.4 37.4

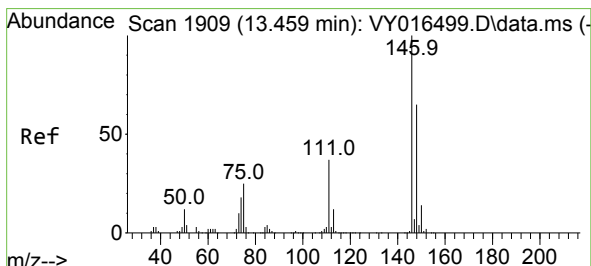
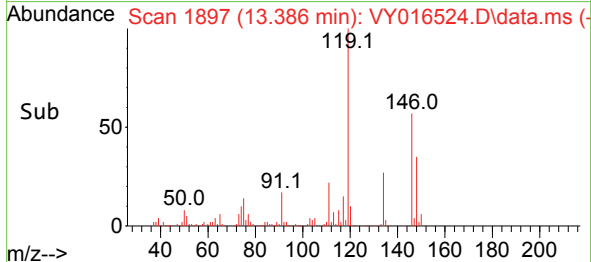
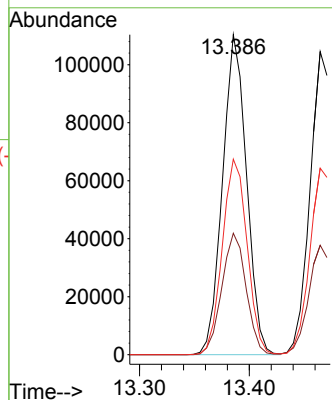
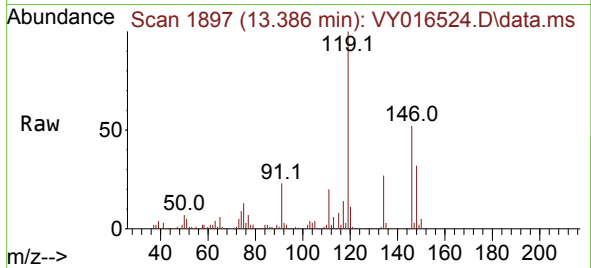




#87
1,3-Dichlorobenzene
Concen: 53.179 ug/l
RT: 13.386 min Scan# 1896
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

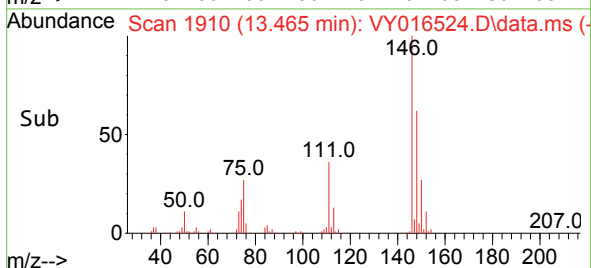
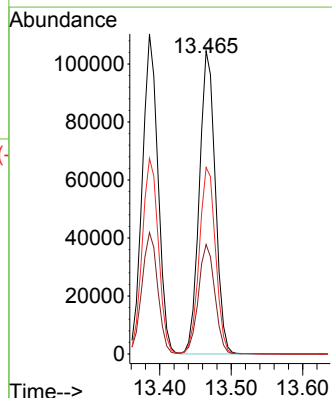
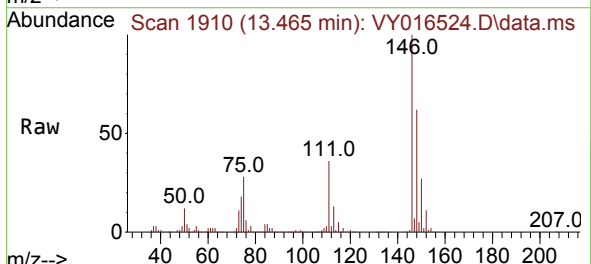
Instrument :
MSVOA_Y
ClientSampleId :

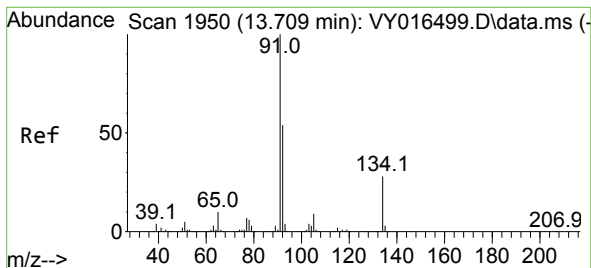
Tgt Ion:146 Resp: 168118
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 63.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 52.404 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY016524.D
Acq: 28 Nov 2023 16:49

Tgt Ion:146 Resp: 161906
Ion Ratio Lower Upper
146 100
111 37.2 18.9 56.7
148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 47.859 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

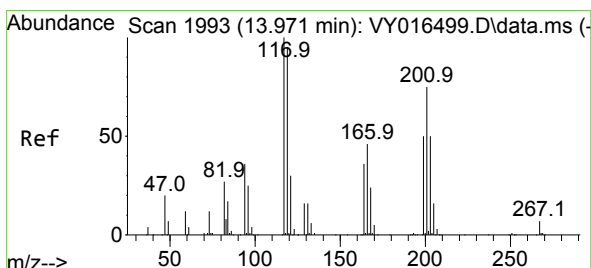
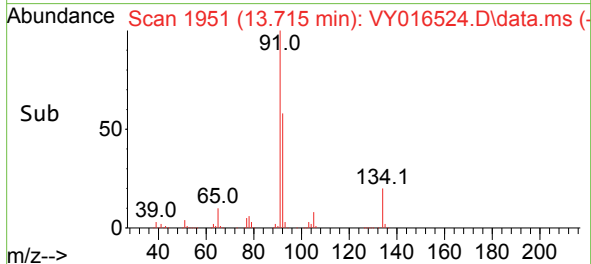
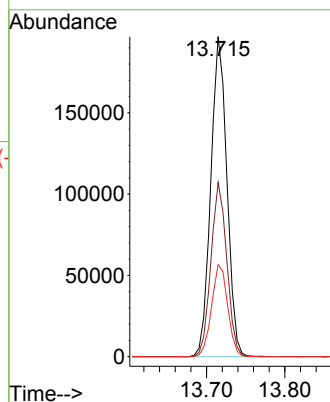
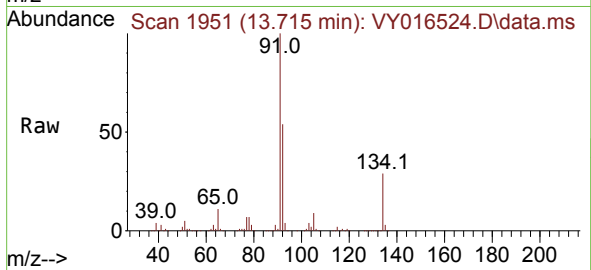
Tgt Ion: 91 Resp: 280727

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 28.8 12.6 37.6



#90

Hexachloroethane

Concen: 51.967 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016524.D

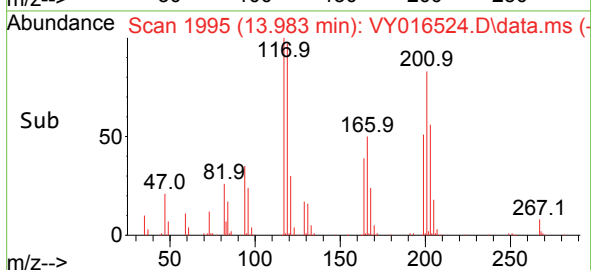
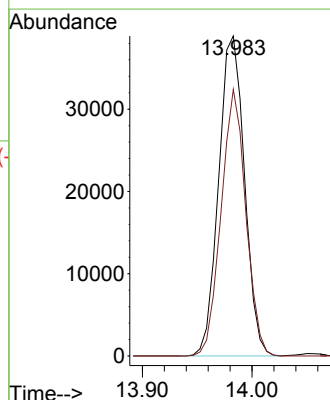
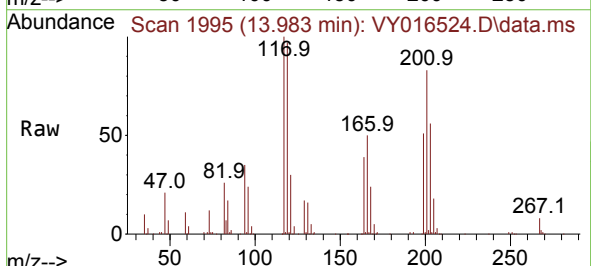
Acq: 28 Nov 2023 16:49

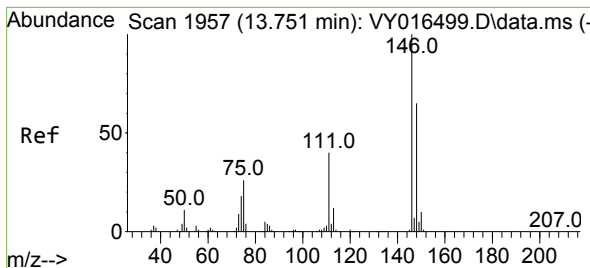
Tgt Ion: 117 Resp: 63672

Ion Ratio Lower Upper

117 100

201 79.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.676 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

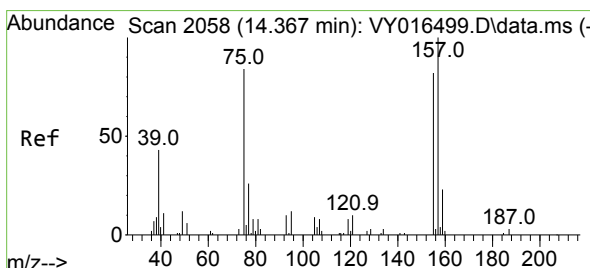
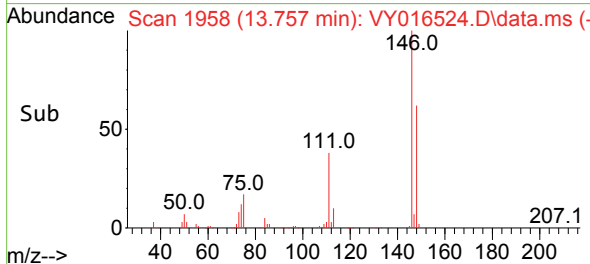
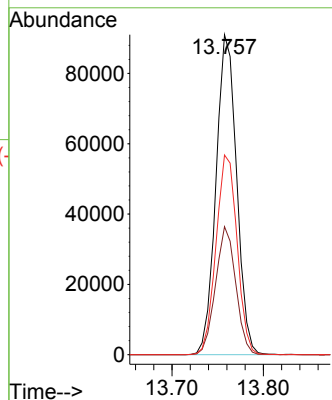
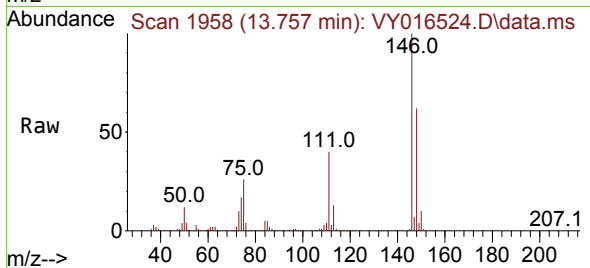
Tgt Ion:146 Resp: 142697

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.140 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

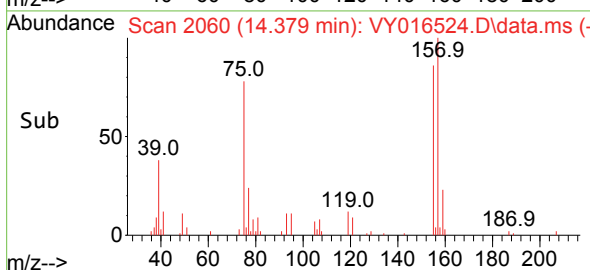
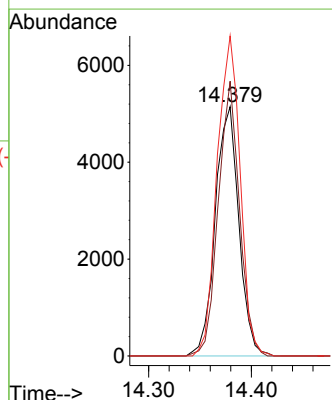
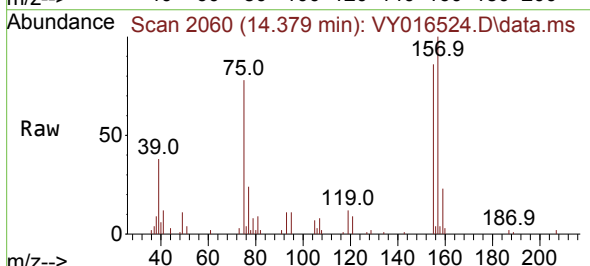
Tgt Ion: 75 Resp: 8193

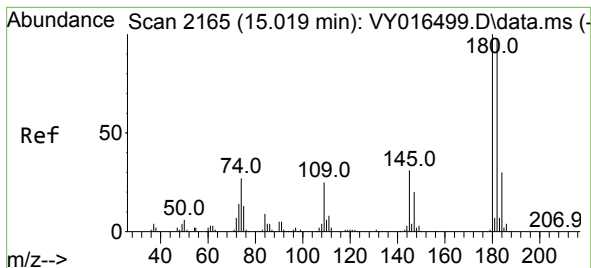
Ion Ratio Lower Upper

75 100

155 99.3 41.5 124.6

157 125.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.825 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

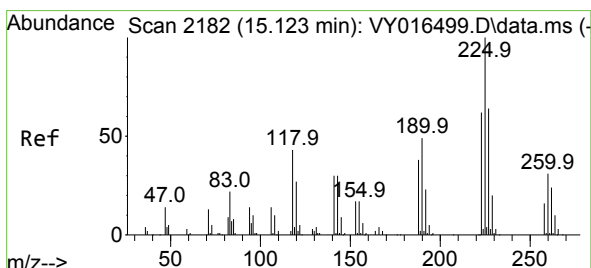
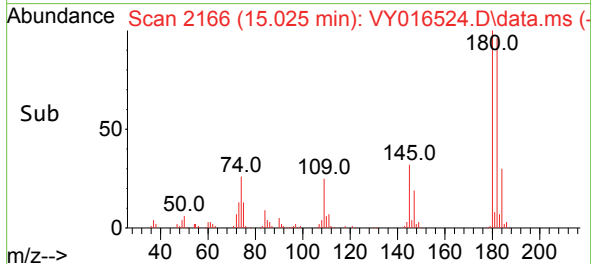
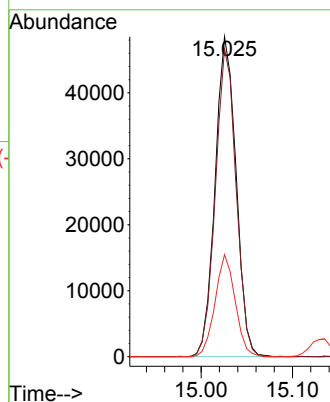
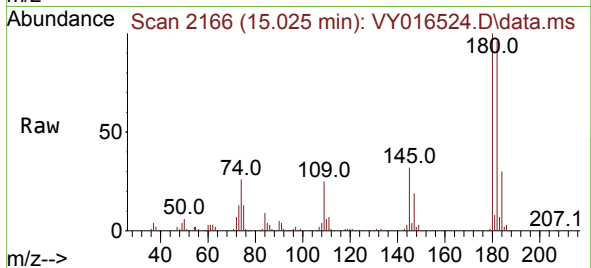
Tgt Ion:180 Resp: 77204

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.391 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

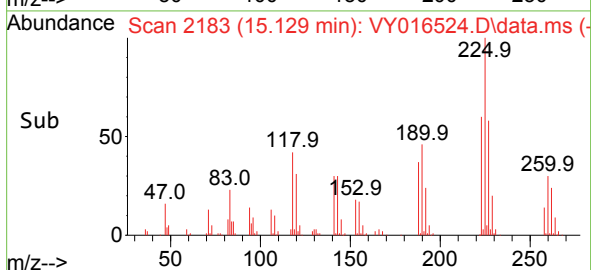
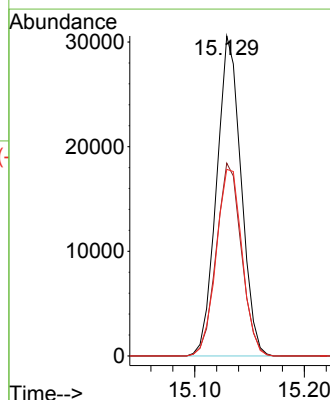
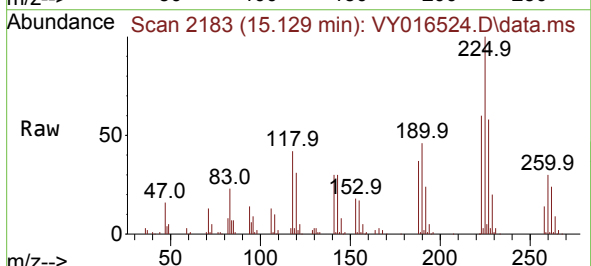
Tgt Ion:225 Resp: 47461

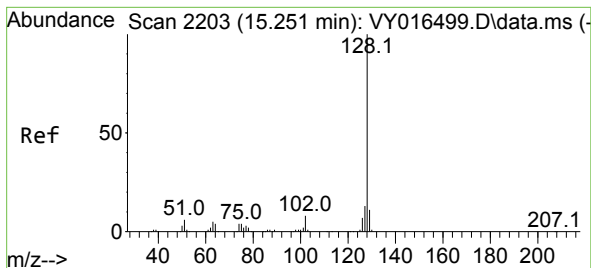
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.9

227 61.8 33.0 98.9





#95

Naphthalene

Concen: 47.131 ug/l

RT: 15.257 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

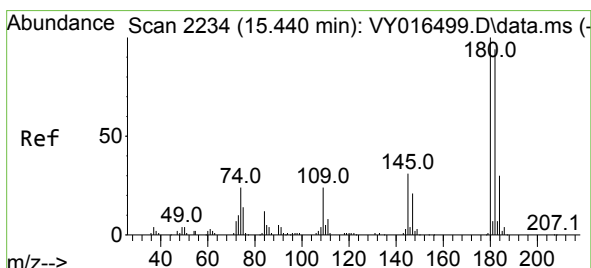
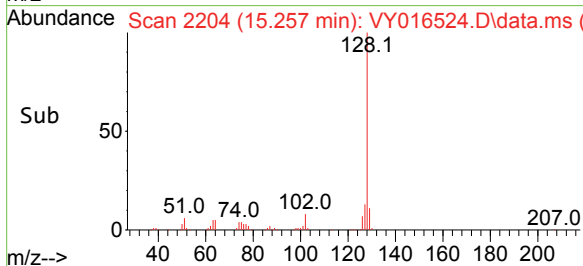
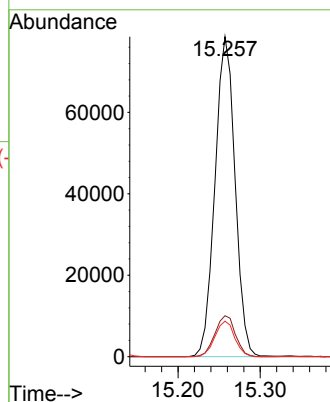
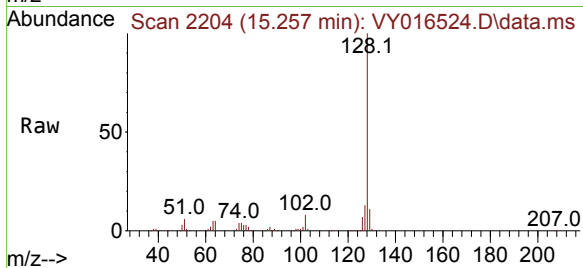
Tgt Ion:128 Resp: 133289

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.879 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016524.D

Acq: 28 Nov 2023 16:49

Tgt Ion:180 Resp: 62619

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.8

145 32.6 15.4 46.2

