

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016912.D
 Acq On : 03 Jan 2024 16:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 04 00:33:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	125123	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	216803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	189465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	82697	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56582	45.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.740	113	60870	44.059	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.120%
50) Toluene-d8	10.197	98	211552	44.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.502	95	70677	44.033	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	41737	43.832	ug/l	96
3) Chloromethane	2.125	50	74292	50.544	ug/l	95
4) Vinyl Chloride	2.266	62	84272	48.607	ug/l	97
5) Bromomethane	2.668	94	62900	50.642	ug/l	96
6) Chloroethane	2.814	64	59067	50.364	ug/l	99
7) Trichlorofluoromethane	3.144	101	100335	46.969	ug/l	100
8) Diethyl Ether	3.552	74	35019	51.295	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.924	101	65088	46.860	ug/l	98
10) Methyl Iodide	4.113	142	61279	51.858	ug/l	98
11) Tert butyl alcohol	4.979	59	22135	245.436	ug/l	99
12) 1,1-Dichloroethene	3.899	96	57331	48.107	ug/l	98
13) Acrolein	3.747	56	32660	241.924	ug/l	99
14) Allyl chloride	4.503	41	98219	52.133	ug/l	99
15) Acrylonitrile	5.192	53	83351	261.020	ug/l	100
16) Acetone	3.967	43	71878	234.312	ug/l	100
17) Carbon Disulfide	4.223	76	144455	50.729	ug/l	100
18) Methyl Acetate	4.503	43	78121	58.963	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	163569	52.756	ug/l	100
20) Methylene Chloride	4.741	84	78032	48.640	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	68968	50.529	ug/l	99
22) Diisopropyl ether	6.143	45	236766	54.358	ug/l	98
23) Vinyl Acetate	6.088	43	515924	258.327	ug/l	100
24) 1,1-Dichloroethane	6.045	63	135977	51.950	ug/l	99
25) 2-Butanone	7.009	43	106070	251.393	ug/l	100
26) 2,2-Dichloropropane	7.009	77	107168	47.222	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	83618	52.261	ug/l	98
28) Bromochloromethane	7.356	49	53942	54.895	ug/l	96
29) Tetrahydrofuran	7.368	42	66311	264.929	ug/l	97
30) Chloroform	7.527	83	140339	52.029	ug/l	99
31) Cyclohexane	7.807	56	101922	48.019	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	113188	49.490	ug/l	99
36) 1,1-Dichloropropene	7.941	75	98009	48.678	ug/l	99
37) Ethyl Acetate	7.094	43	43910	47.990	ug/l	98
38) Carbon Tetrachloride	7.923	117	96730	47.287	ug/l	99
39) Methylcyclohexane	9.203	83	110663	48.891	ug/l	99
40) Benzene	8.185	78	303876	50.312	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24842	51.552	ug/l	92
42) 1,2-Dichloroethane	8.258	62	81055	50.551	ug/l	99
43) Isopropyl Acetate	8.295	43	87621	50.007	ug/l	99
44) Trichloroethene	8.960	130	74996	48.798	ug/l	97
45) 1,2-Dichloropropane	9.240	63	78230	50.276	ug/l	96
46) Dibromomethane	9.325	93	39735	50.072	ug/l	98
47) Bromodichloromethane	9.514	83	107461	50.428	ug/l	96
48) Methyl methacrylate	9.313	41	48907	51.721	ug/l	97
49) 1,4-Dioxane	9.319	88	7745	942.587	ug/l	93
51) 4-Methyl-2-Pentanone	10.087	43	238997	256.481	ug/l	100
52) Toluene	10.264	92	185367	50.854	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	95579	50.074	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	117916	51.440	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	58125	50.136	ug/l	97
56) Ethyl methacrylate	10.526	69	51413	52.357	ug/l	98
57) 1,3-Dichloropropane	10.807	76	98154	50.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	158155	255.536	ug/l	99
59) 2-Hexanone	10.849	43	158944	231.651	ug/l	99
60) Dibromochloromethane	11.002	129	67143	50.221	ug/l	99
61) 1,2-Dibromoethane	11.105	107	50612	50.247	ug/l	100
64) Tetrachloroethene	10.740	164	58491	47.618	ug/l	98
65) Chlorobenzene	11.532	112	194030	49.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	72796	48.519	ug/l	99
67) Ethyl Benzene	11.612	91	355341	50.007	ug/l	100
68) m/p-Xylenes	11.721	106	262440	100.619	ug/l	99
69) o-Xylene	12.050	106	123919	50.679	ug/l	100
70) Styrene	12.063	104	184498	51.844	ug/l	99
71) Bromoform	12.227	173	36283	49.123	ug/l #	99
73) Isopropylbenzene	12.349	105	333954	49.452	ug/l	100
74) N-amyl acetate	12.160	43	66335	48.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	64866	47.142	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	78453	87.421	ug/l #	100
77) Bromobenzene	12.624	156	71494	48.085	ug/l	98
78) n-propylbenzene	12.691	91	404876	49.316	ug/l	99
79) 2-Chlorotoluene	12.776	91	224272	49.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	270064	50.565	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	18224	46.113	ug/l	99
82) 4-Chlorotoluene	12.873	91	231129	49.694	ug/l	99
83) tert-Butylbenzene	13.093	119	234328	49.813	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	266622	50.691	ug/l	99
85) sec-Butylbenzene	13.270	105	343313	49.254	ug/l	99
86) p-Isopropyltoluene	13.386	119	282770	49.155	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	138916	47.639	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	135288	47.435	ug/l	99
89) n-Butylbenzene	13.715	91	271715	49.126	ug/l	99
90) Hexachloroethane	13.983	117	58219	47.098	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	121812	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7989	46.301	ug/l	96
93) 1,2,4-Trichlorobenzene	15.026	180	58826	47.010	ug/l	99
94) Hexachlorobutadiene	15.129	225	34954	44.589	ug/l	98
95) Naphthalene	15.257	128	106971	47.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	49415	46.507	ug/l	99

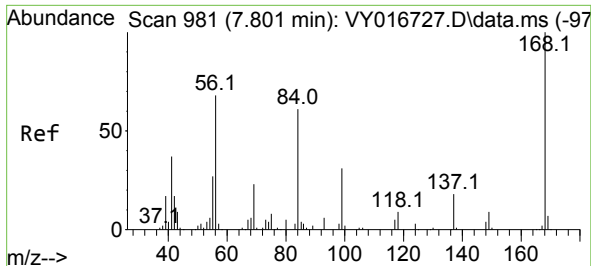
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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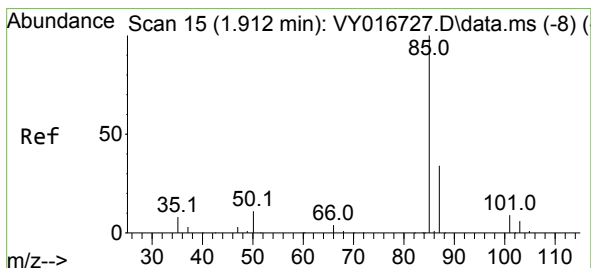
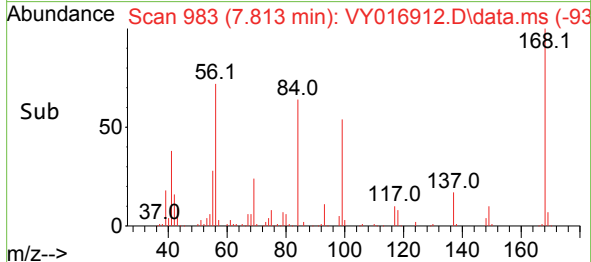
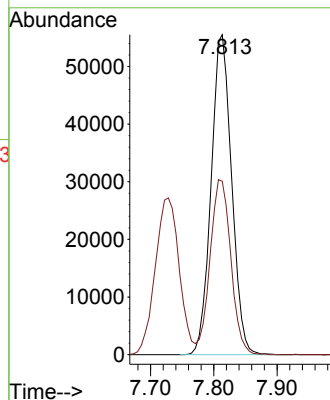
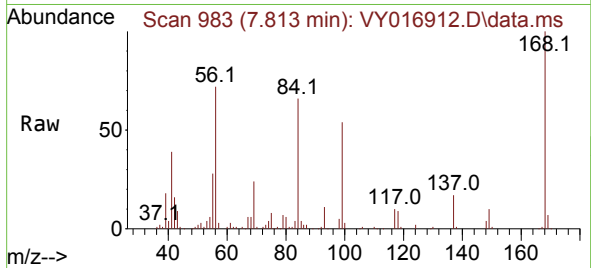
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

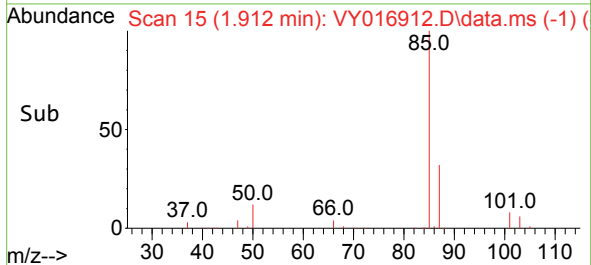
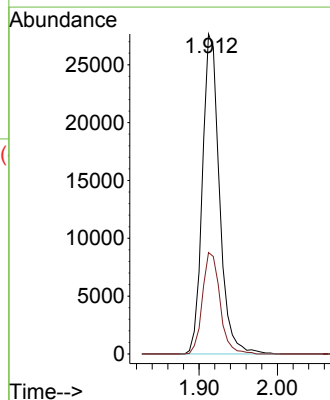
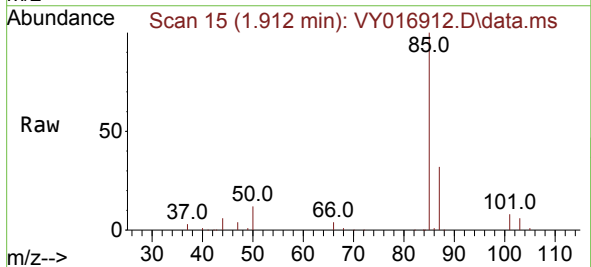
Instrument :
MSVOA_Y
ClientSampleId :

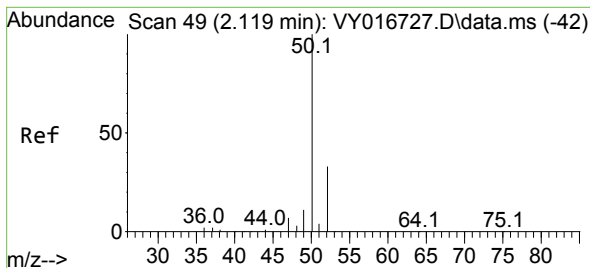
Tgt Ion:168 Resp: 125123
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 43.832 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 85 Resp: 41737
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3





#3

Chloromethane

Concen: 50.544 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

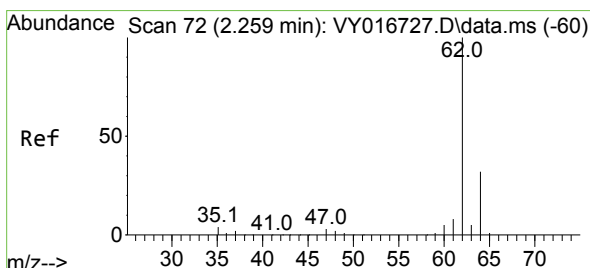
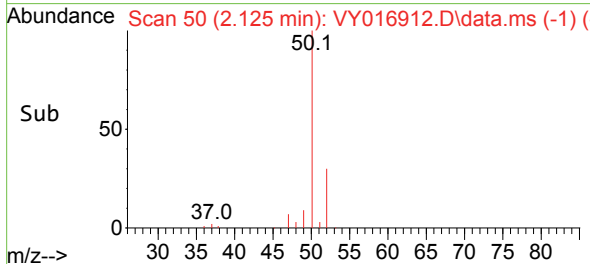
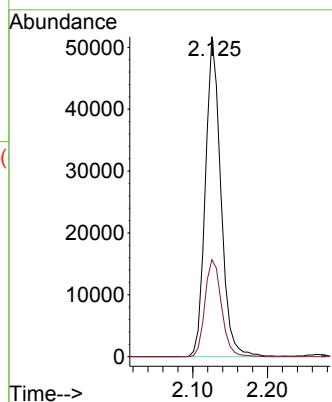
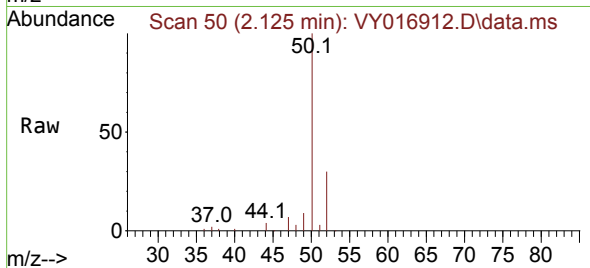
ClientSampleId :

Tgt Ion: 50 Resp: 74292

Ion Ratio Lower Upper

50 100

52 30.3 26.7 40.1



#4

Vinyl Chloride

Concen: 48.607 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.007 min

Lab File: VY016912.D

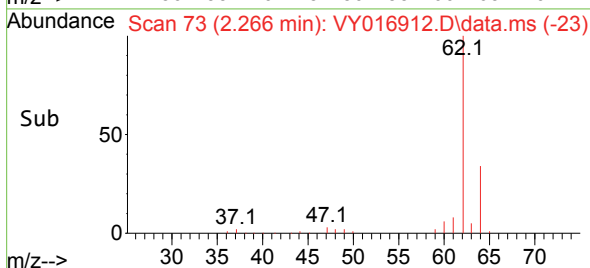
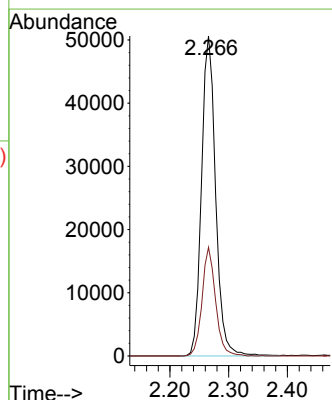
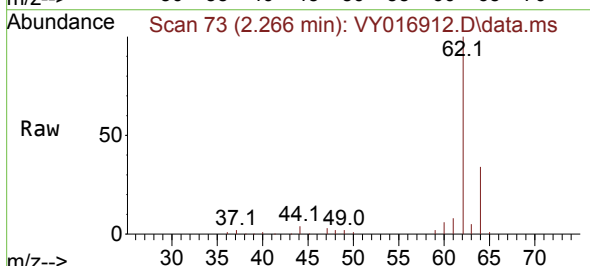
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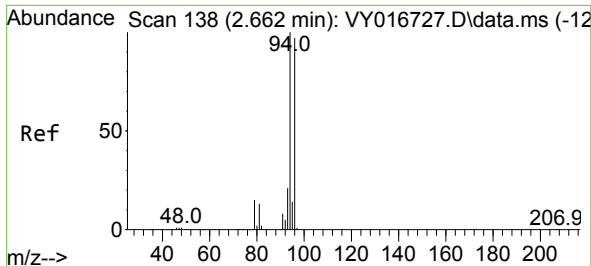
Tgt Ion: 62 Resp: 84272

Ion Ratio Lower Upper

62 100

64 34.0 25.7 38.5





#5

Bromomethane

Concen: 50.642 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

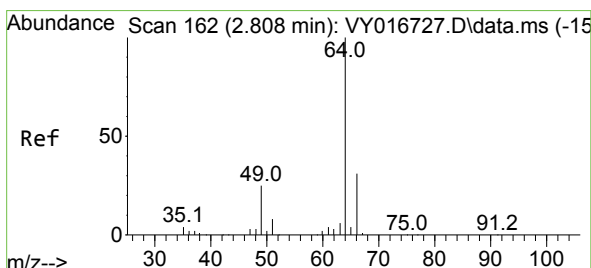
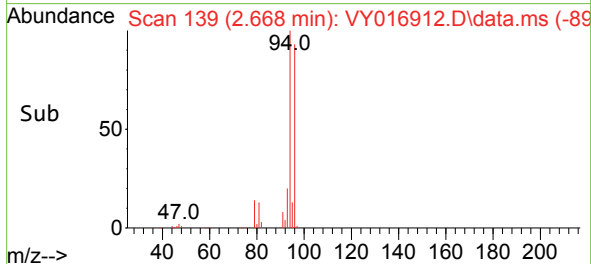
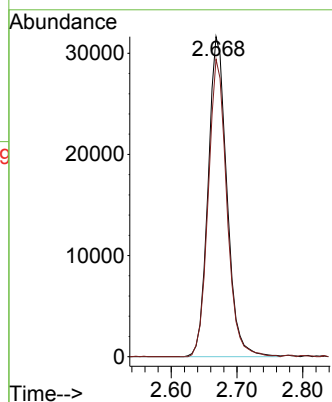
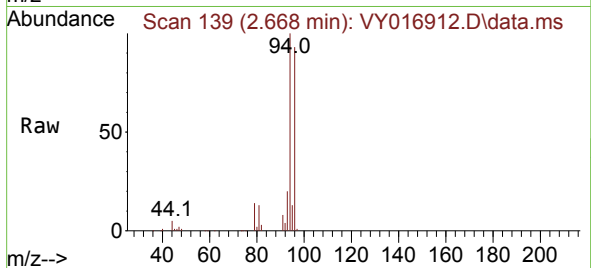
ClientSampleId :

Tgt Ion: 94 Resp: 62900

Ion Ratio Lower Upper

94 100

96 93.0 77.3 115.9



#6

Chloroethane

Concen: 50.364 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.006 min

Lab File: VY016912.D

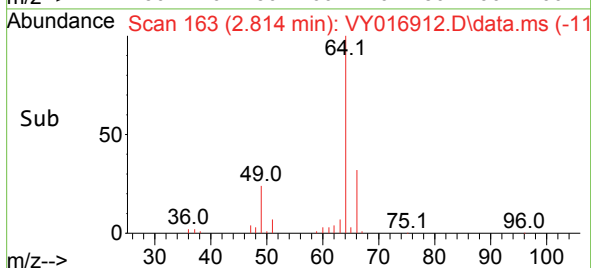
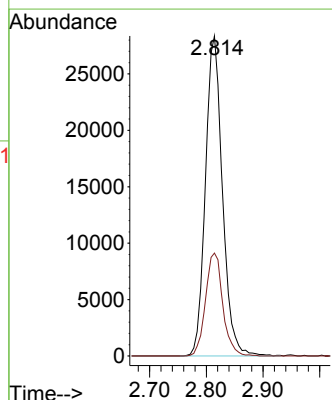
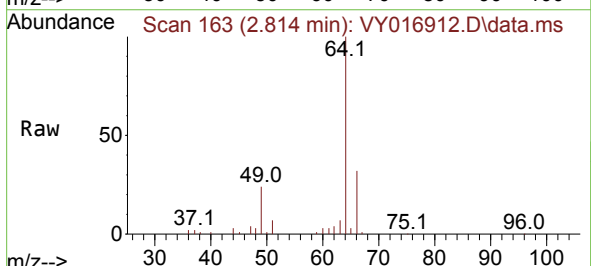
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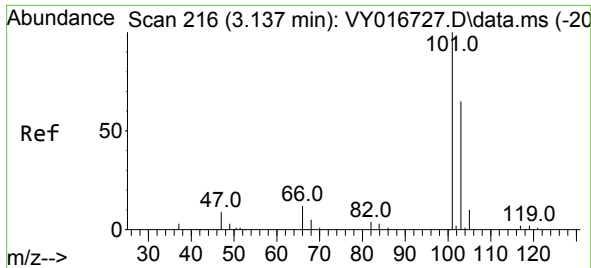
Tgt Ion: 64 Resp: 59067

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7

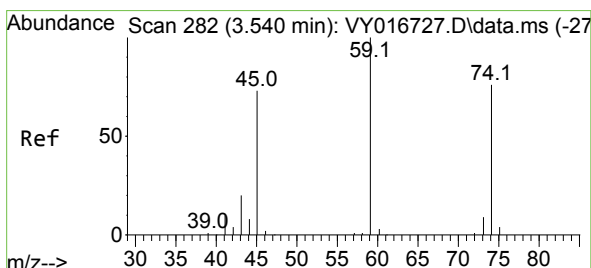
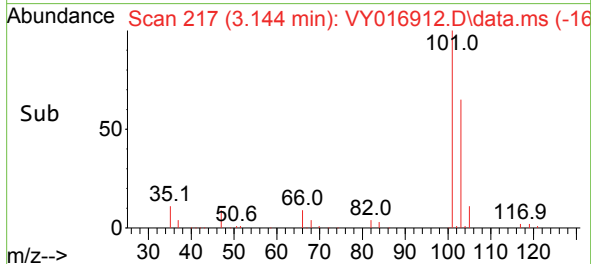
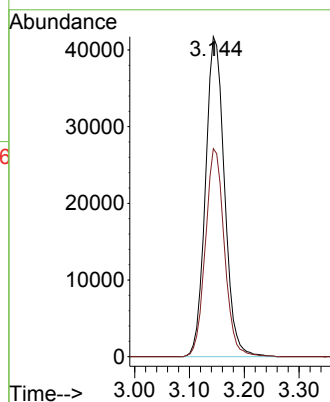
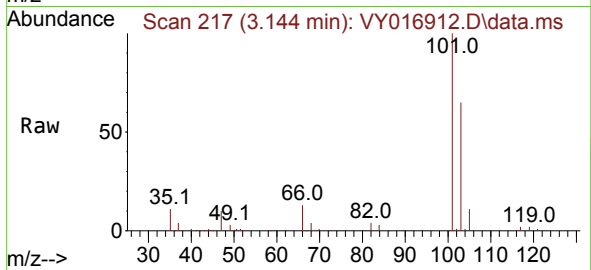




#7
 Trichlorofluoromethane
 Concen: 46.969 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.007 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

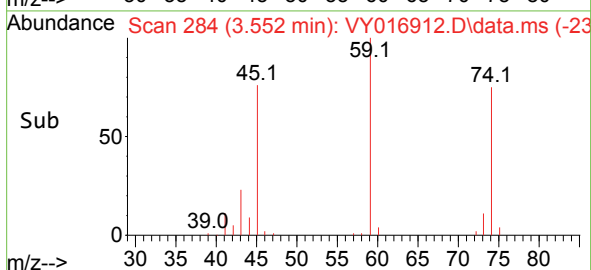
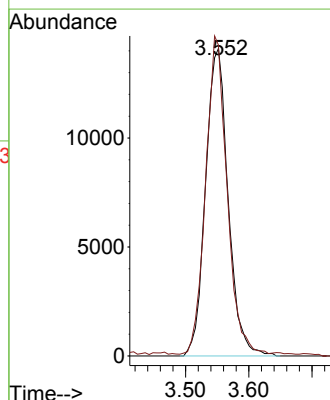
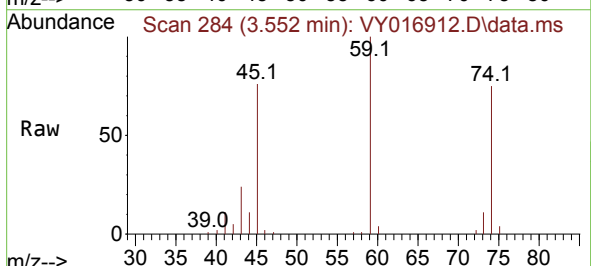
Instrument :
 MSVOA_Y
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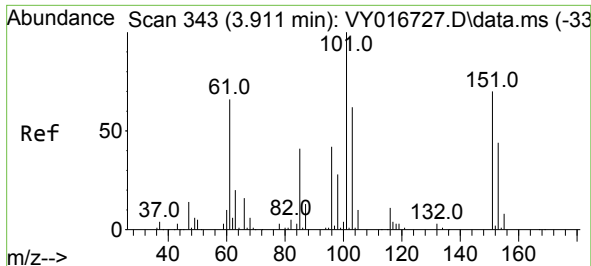
Tgt Ion:101 Resp: 100335
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.295 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

Tgt Ion: 74 Resp: 35019
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.9 143.7

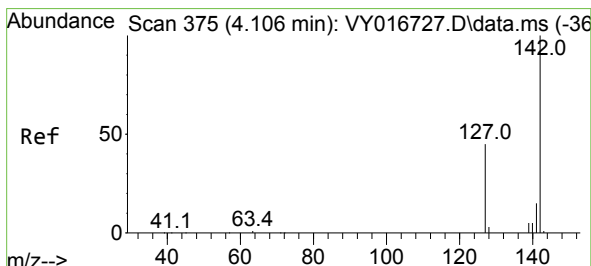
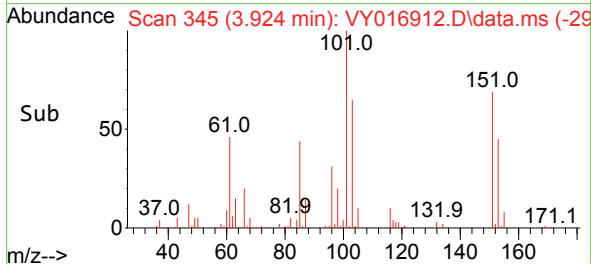
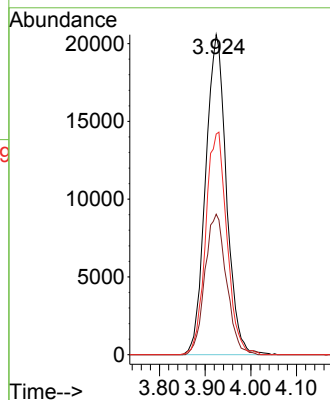
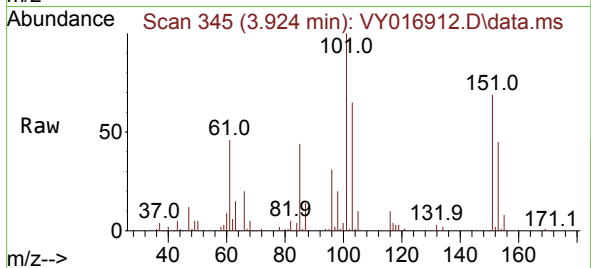




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.860 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

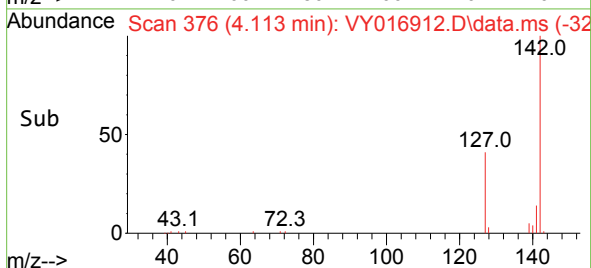
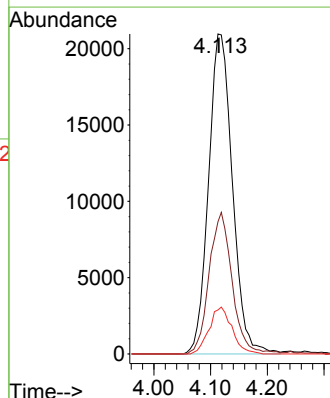
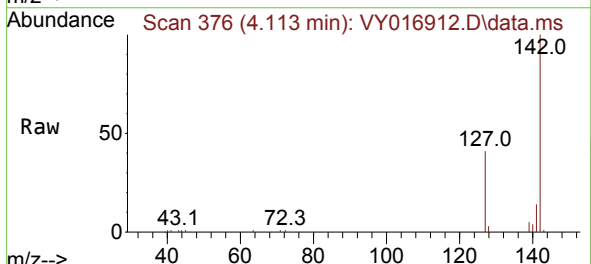
Instrument :
MSVOA_Y
ClientSampleId :

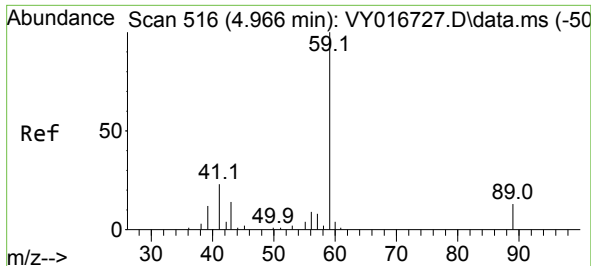
Tgt Ion:101 Resp: 65088
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 70.9 58.6 88.0



#10
Methyl Iodide
Concen: 51.858 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion:142 Resp: 61279
Ion Ratio Lower Upper
142 100
127 42.7 35.1 52.7
141 14.1 11.8 17.6

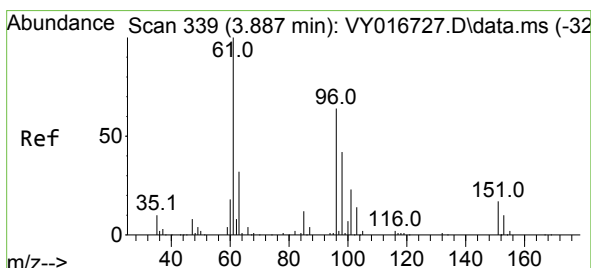
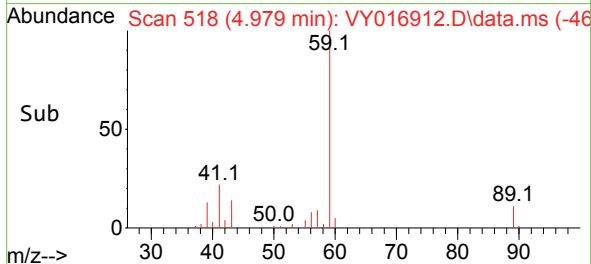
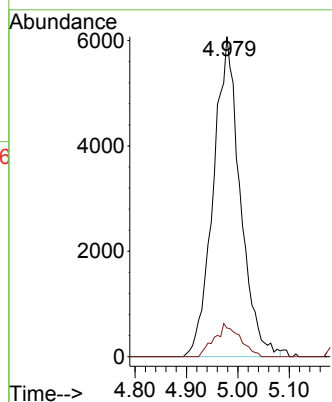
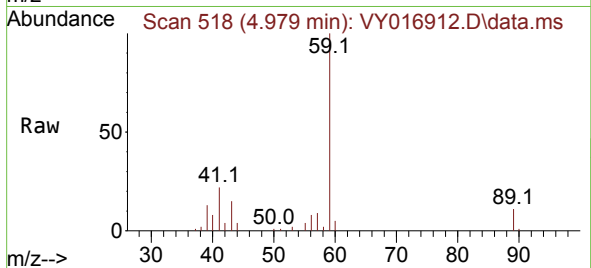




#11
Tert butyl alcohol
Concen: 245.436 ug/l
RT: 4.979 min Scan# 516
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

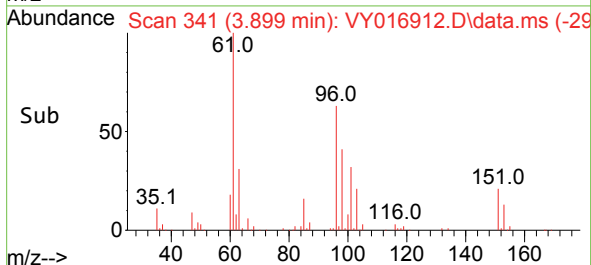
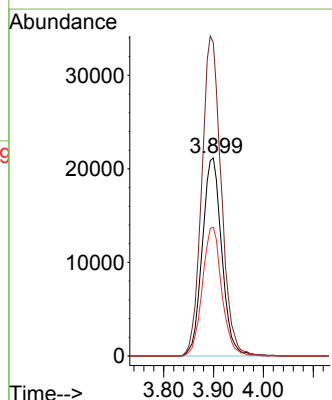
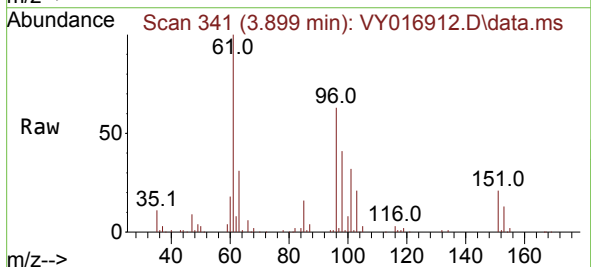
Instrument :
MSVOA_Y
ClientSampleId :

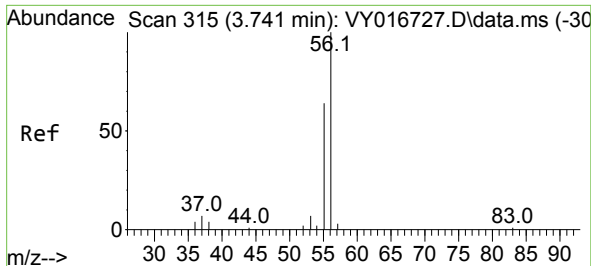
Tgt Ion: 59 Resp: 22135
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 48.107 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 96 Resp: 57331
Ion Ratio Lower Upper
96 100
61 158.2 124.2 186.2
98 65.0 52.6 79.0





#13

Acrolein

Concen: 241.924 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

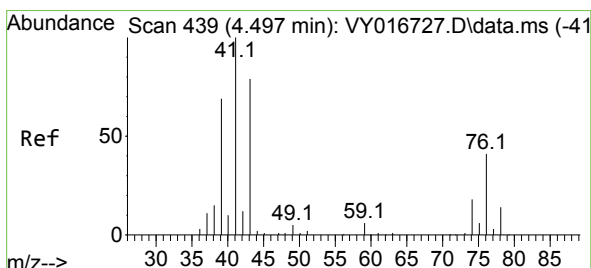
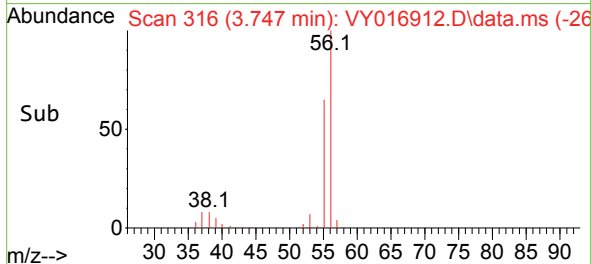
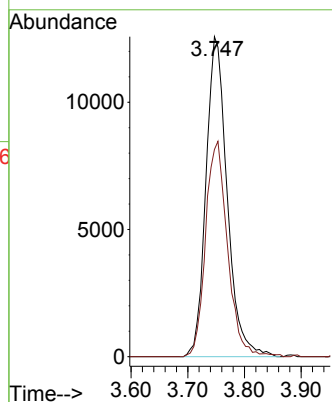
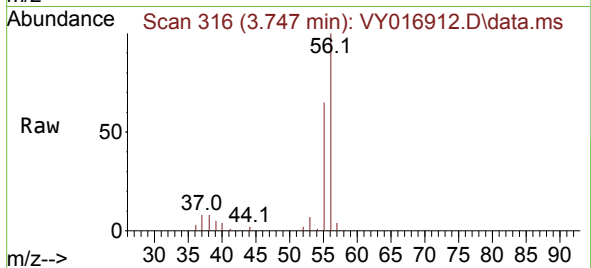
ClientSampleId :

Tgt Ion: 56 Resp: 32660

Ion Ratio Lower Upper

56 100

55 69.7 55.4 83.0



#14

Allyl chloride

Concen: 52.133 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

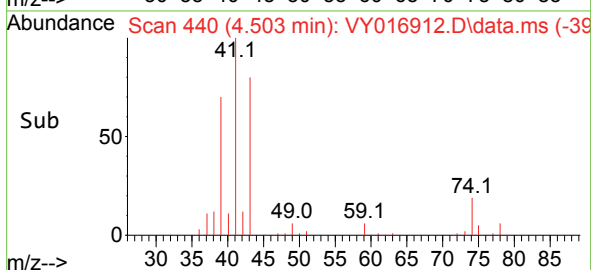
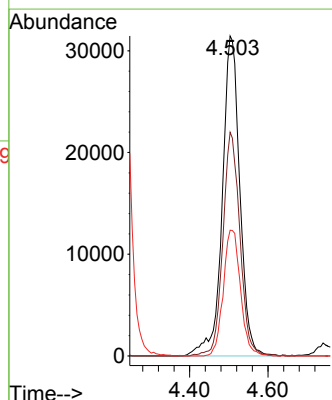
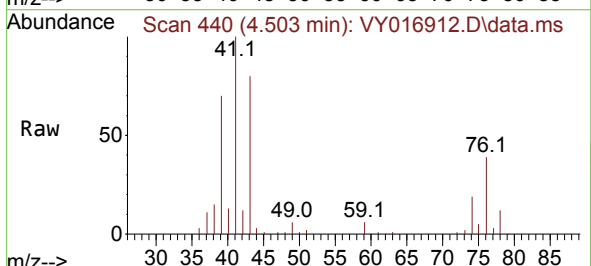
Tgt Ion: 41 Resp: 98219

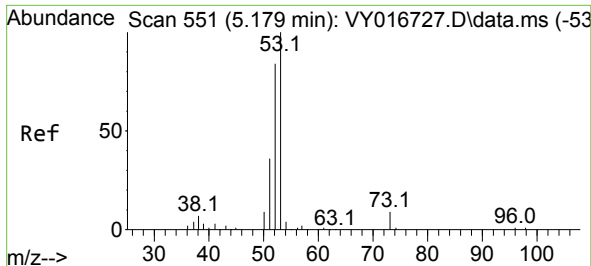
Ion Ratio Lower Upper

41 100

39 67.6 54.7 82.1

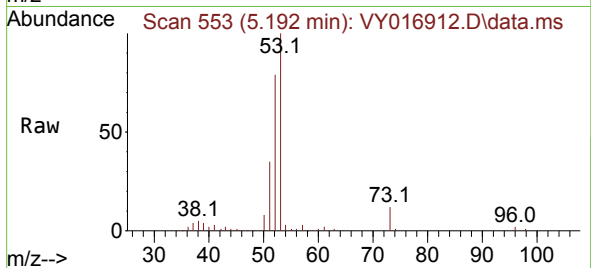
76 38.5 31.8 47.6



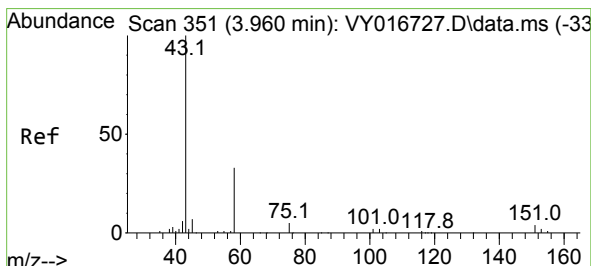
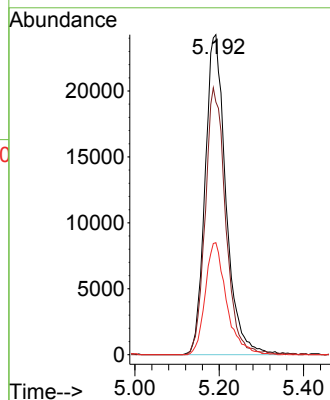
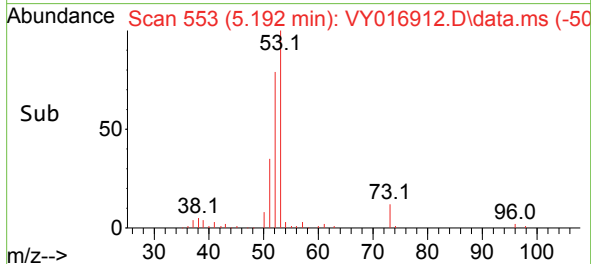


#15
Acrylonitrile
Concen: 261.020 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

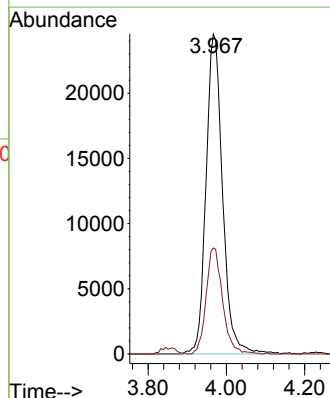
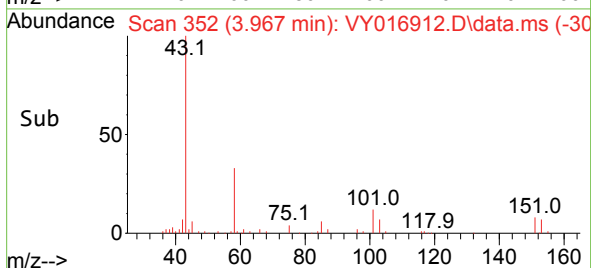
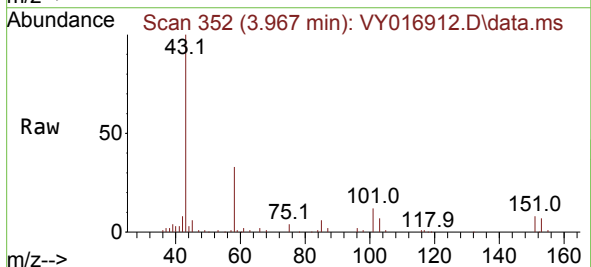


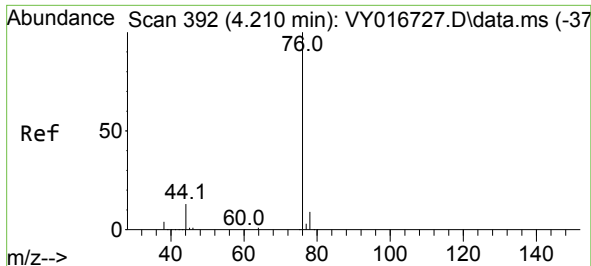
Tgt Ion: 53 Resp: 83351
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 35.9 29.0 43.4



#16
Acetone
Concen: 234.312 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 43 Resp: 71878
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8

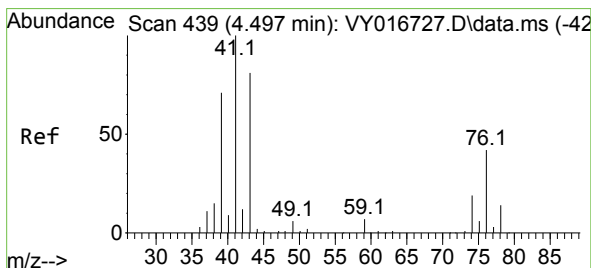
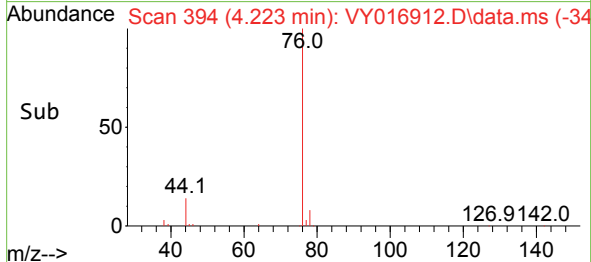
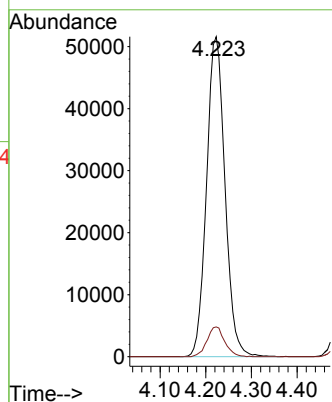
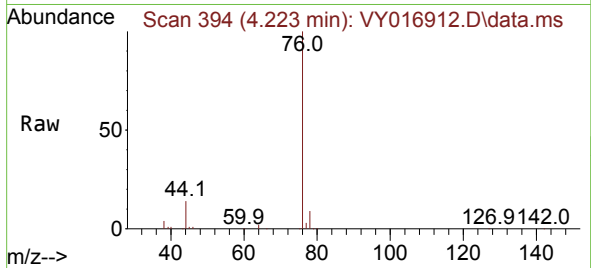




#17
Carbon Disulfide
Concen: 50.729 ug/l
RT: 4.223 min Scan# 394
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

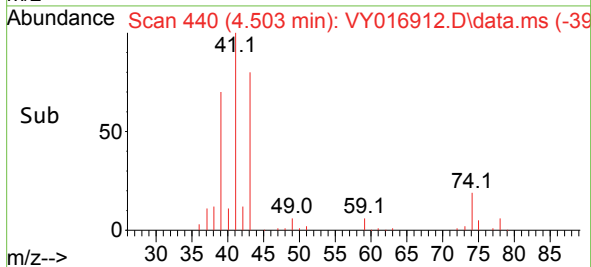
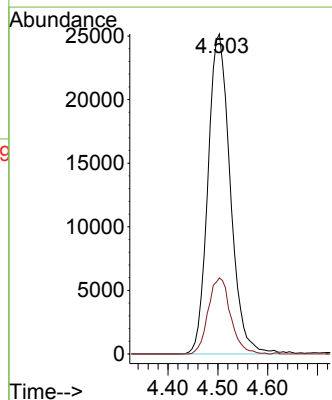
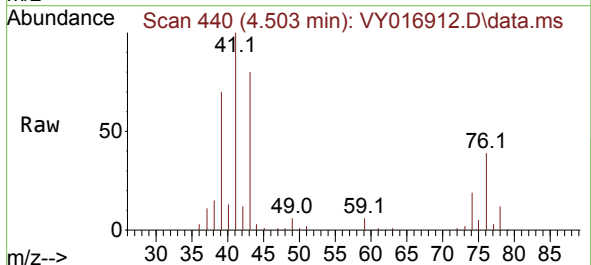
Instrument :
MSVOA_Y
ClientSampleId :

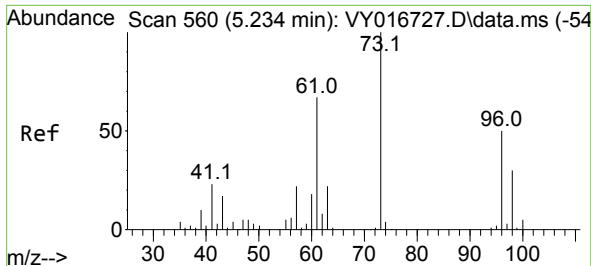
Tgt Ion: 76 Resp: 144455
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 58.963 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 43 Resp: 78121
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 52.756 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

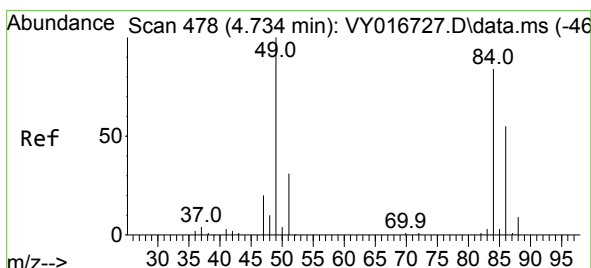
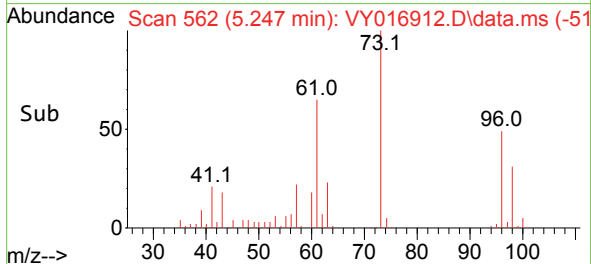
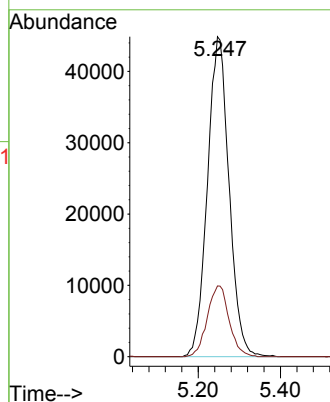
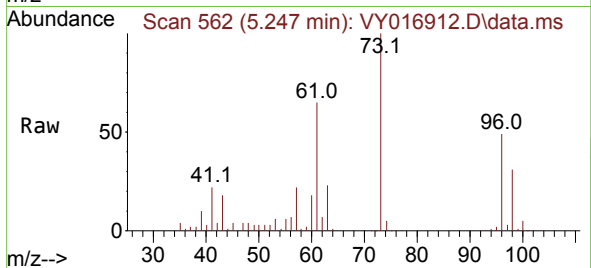
ClientSampleId :

Tgt Ion: 73 Resp: 163569

Ion Ratio Lower Upper

73 100

57 22.1 17.7 26.5



#20

Methylene Chloride

Concen: 48.640 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.007 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Tgt Ion: 84 Resp: 78032

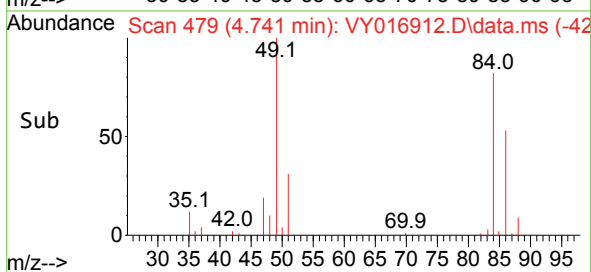
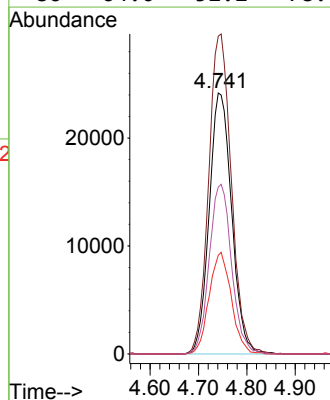
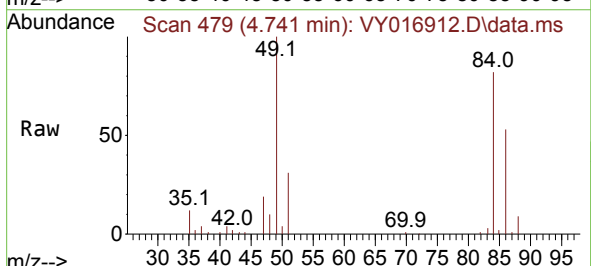
Ion Ratio Lower Upper

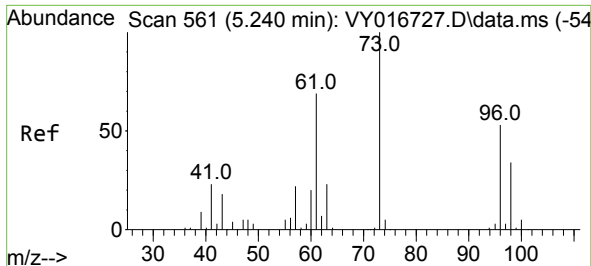
84 100

49 121.8 95.2 142.8

51 37.9 29.9 44.9

86 64.0 52.2 78.4

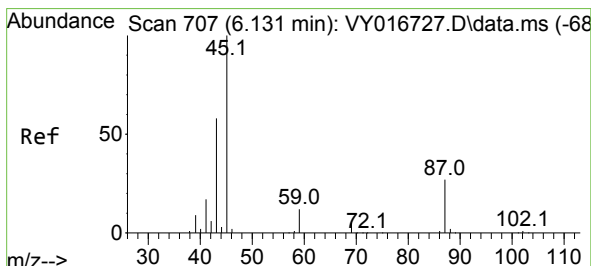
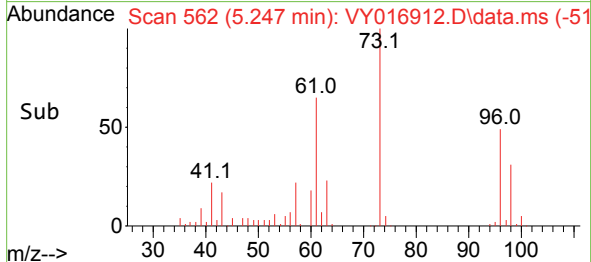
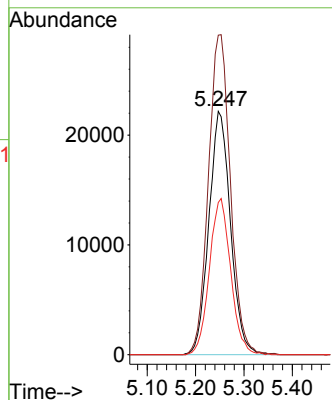
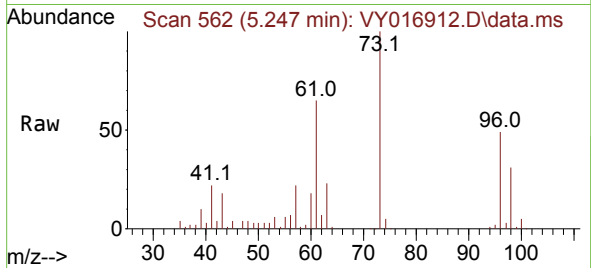




#21
trans-1,2-Dichloroethene
Concen: 50.529 ug/l
RT: 5.247 min Scan# 509
Delta R.T. 0.007 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

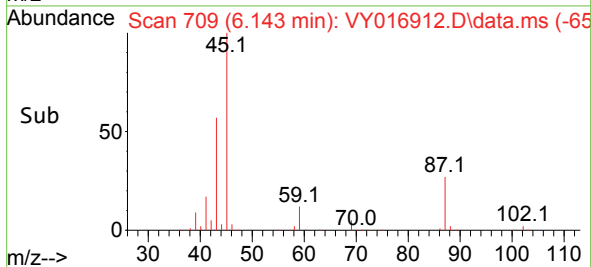
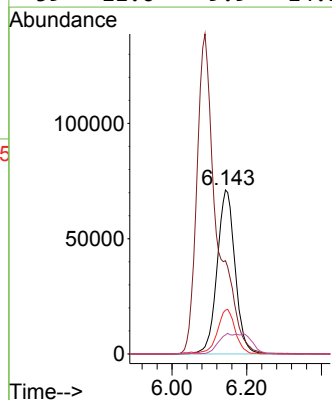
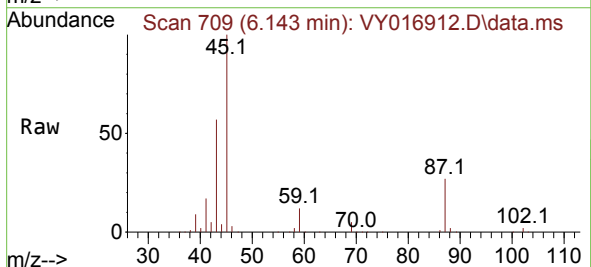
Instrument :
MSVOA_Y
ClientSampleId :

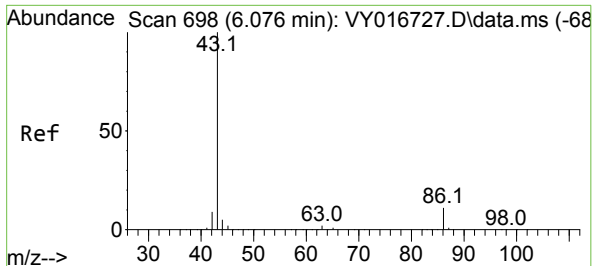
Tgt Ion: 96 Resp: 68968
Ion Ratio Lower Upper
96 100
61 131.2 104.6 156.8
98 62.5 50.9 76.3



#22
Diisopropyl ether
Concen: 54.358 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 45 Resp: 236766
Ion Ratio Lower Upper
45 100
43 56.6 46.8 70.2
87 26.7 22.2 33.2
59 11.6 9.9 14.9

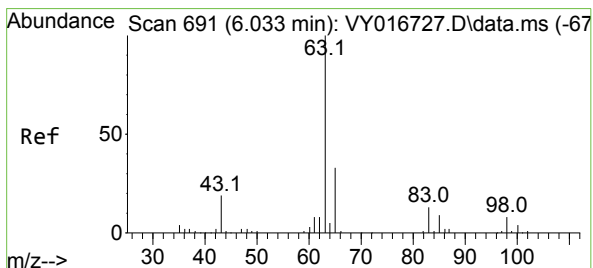
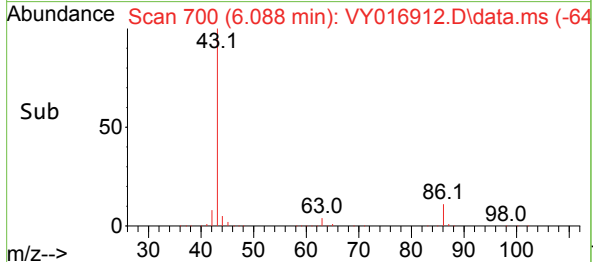
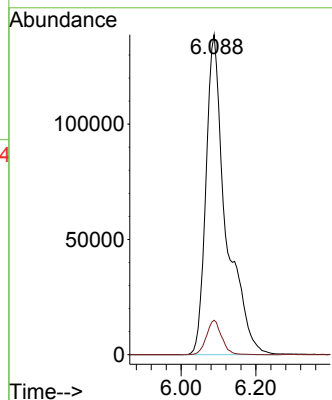
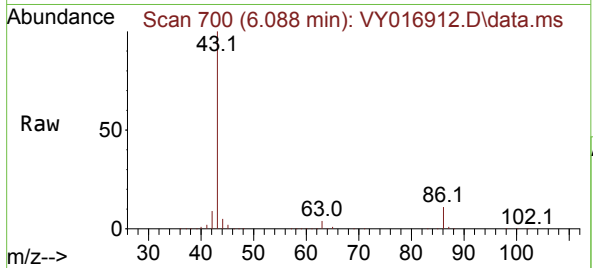




#23
 Vinyl Acetate
 Concen: 258.327 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

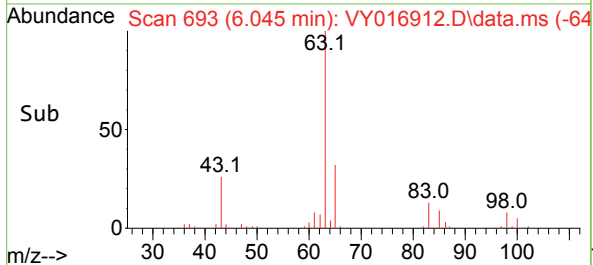
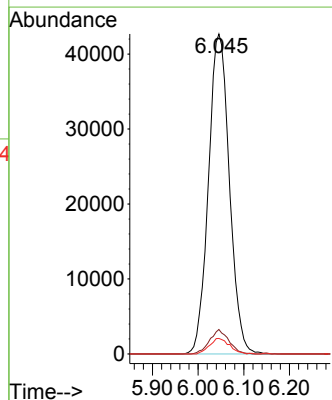
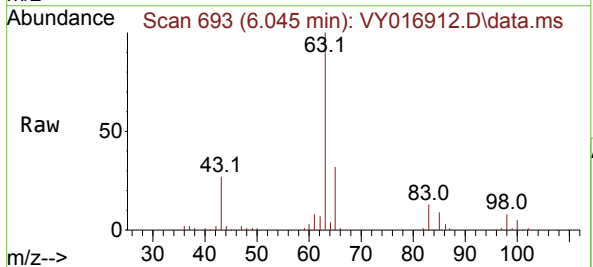
Instrument :
 MSVOA_Y
 ClientSampleId :

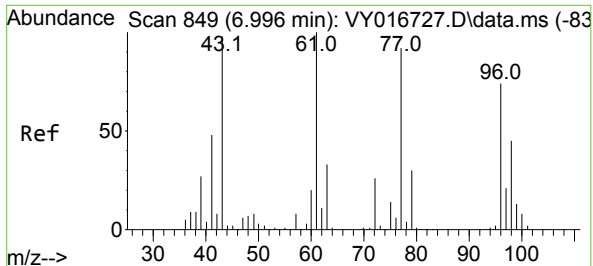
Tgt Ion: 43 Resp: 515924
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.950 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

Tgt Ion: 63 Resp: 135977
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 251.393 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

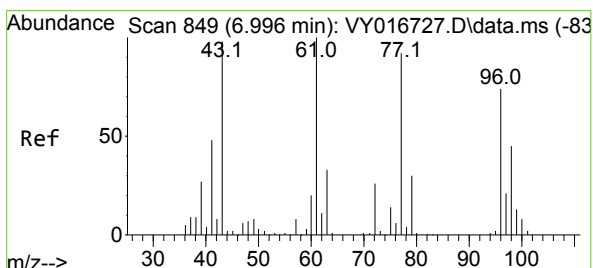
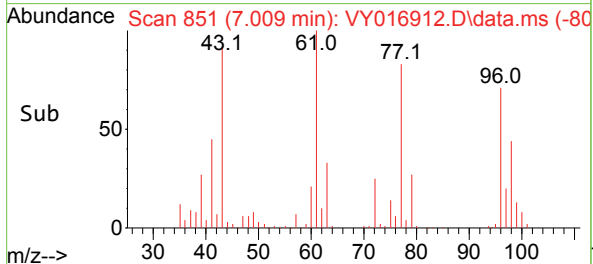
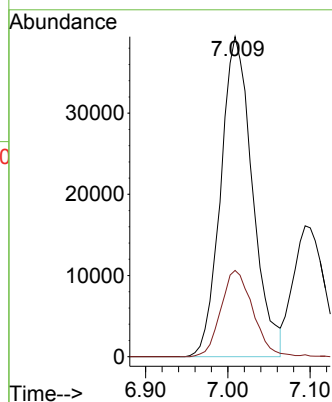
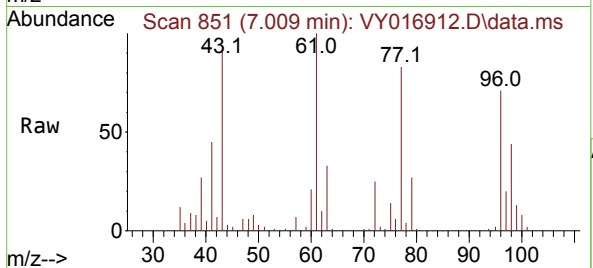
ClientSampleId :

Tgt Ion: 43 Resp: 106070

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 47.222 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016912.D

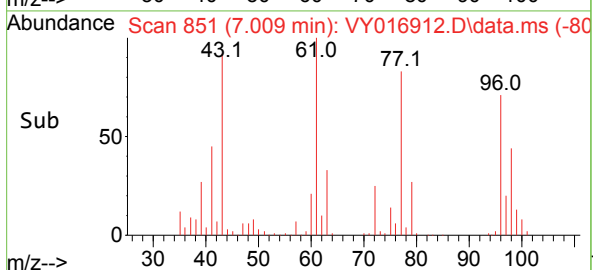
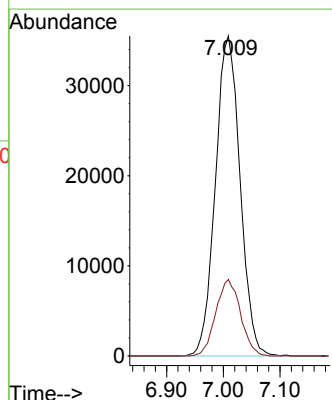
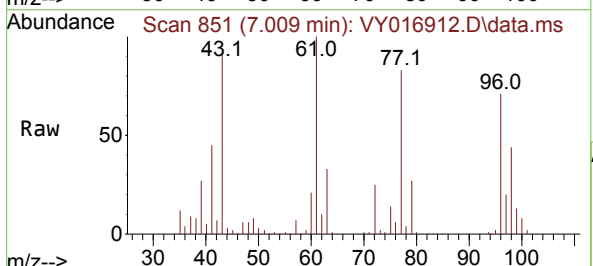
Acq: 03 Jan 2024 16:20

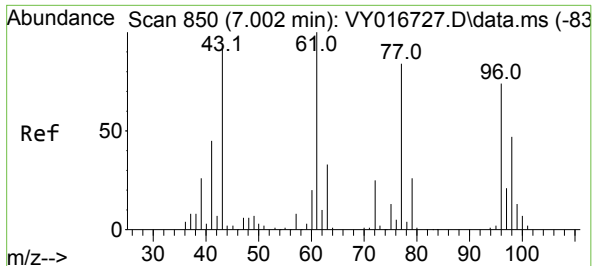
Tgt Ion: 77 Resp: 107168

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.261 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

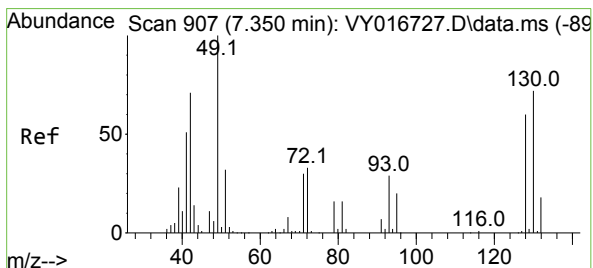
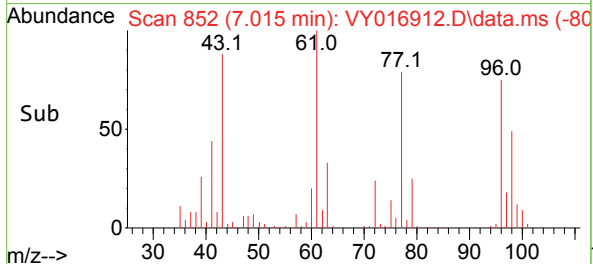
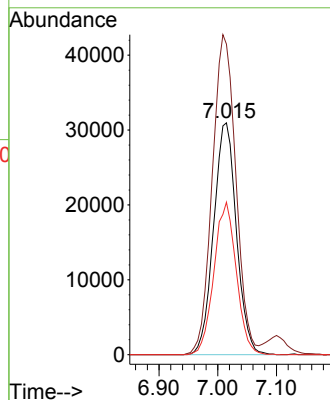
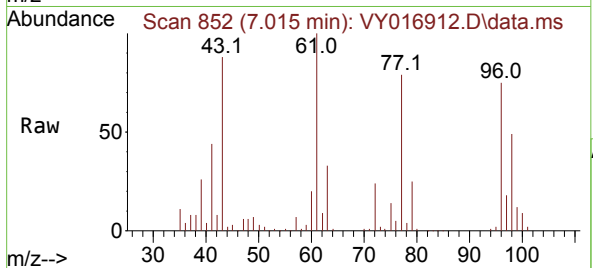
Tgt Ion: 96 Resp: 83618

Ion Ratio Lower Upper

96 100

61 142.6 0.0 278.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 54.895 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

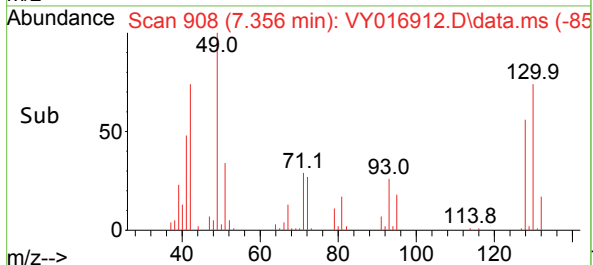
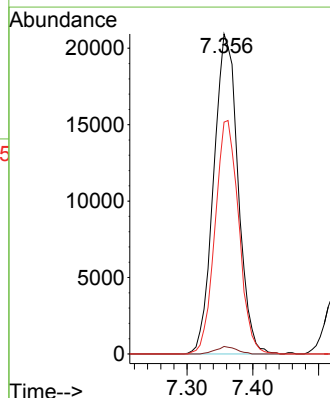
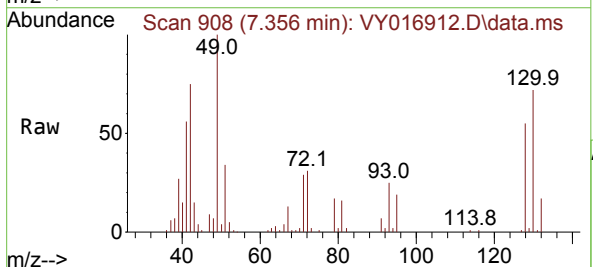
Tgt Ion: 49 Resp: 53942

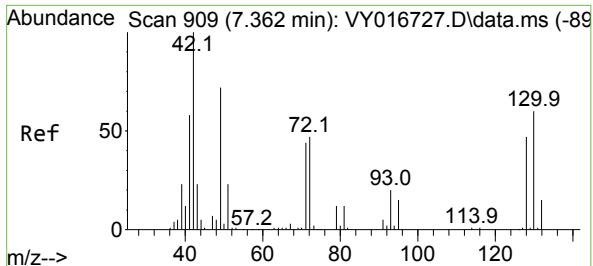
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 71.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 264.929 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

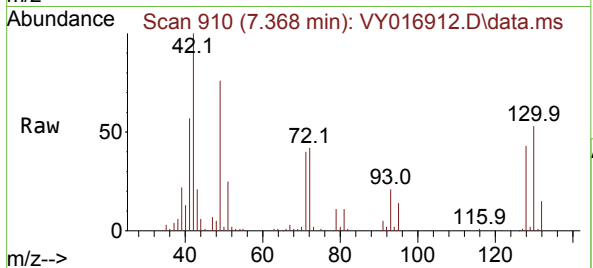
Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :



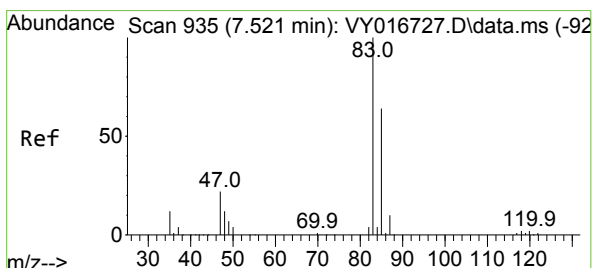
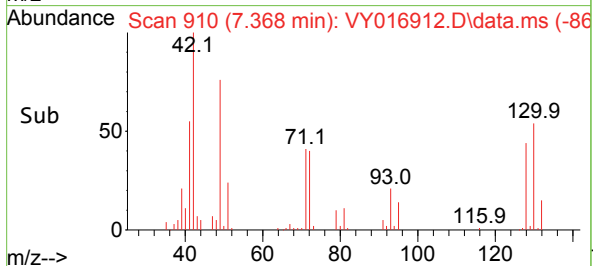
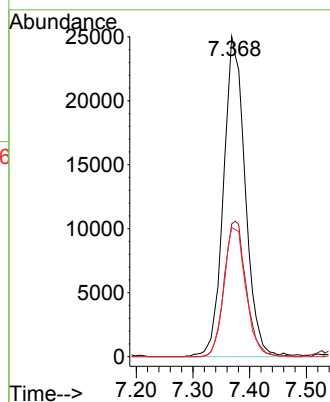
Tgt Ion: 42 Resp: 66311

Ion Ratio Lower Upper

42 100

72 43.0 36.6 54.8

71 40.9 33.8 50.6



#30

Chloroform

Concen: 52.029 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016912.D

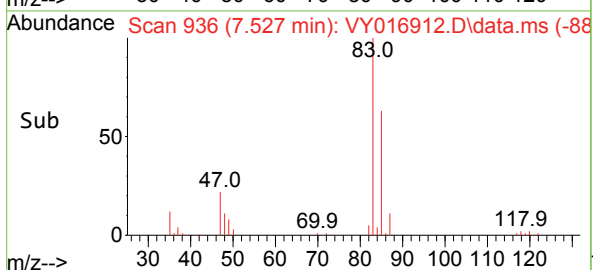
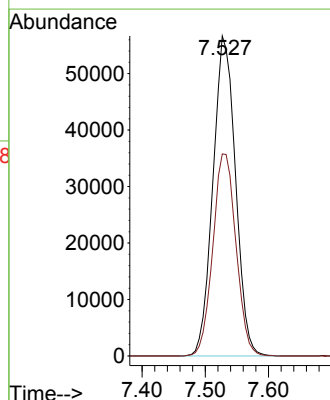
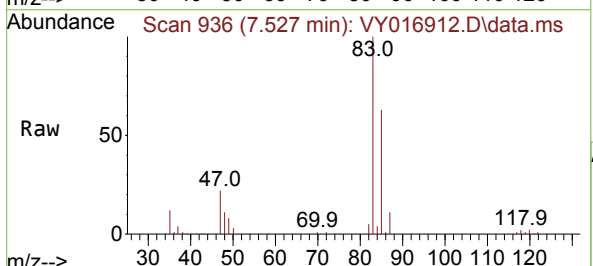
Acq: 03 Jan 2024 16:20

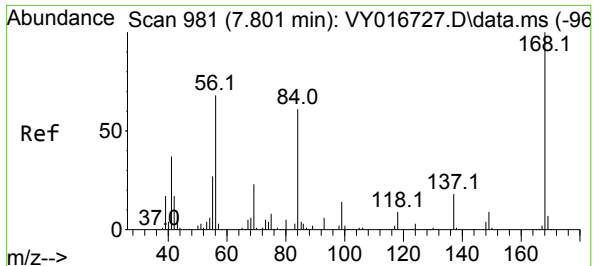
Tgt Ion: 83 Resp: 140339

Ion Ratio Lower Upper

83 100

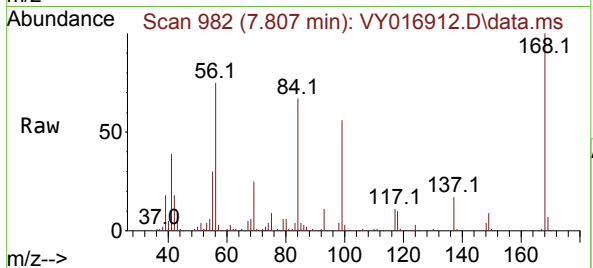
85 63.1 51.2 76.8



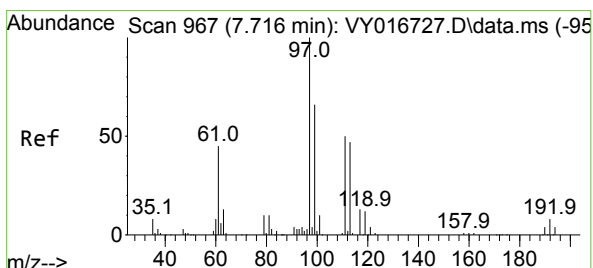
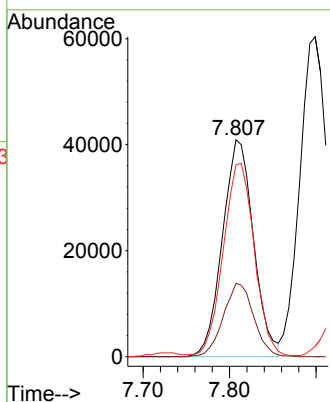
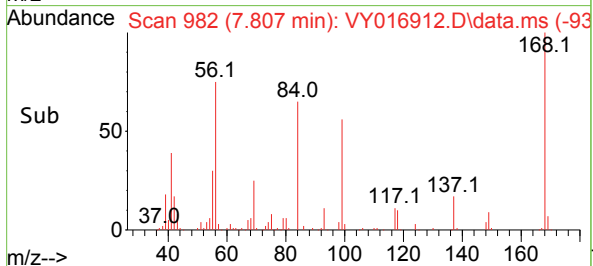


#31
Cyclohexane
Concen: 48.019 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

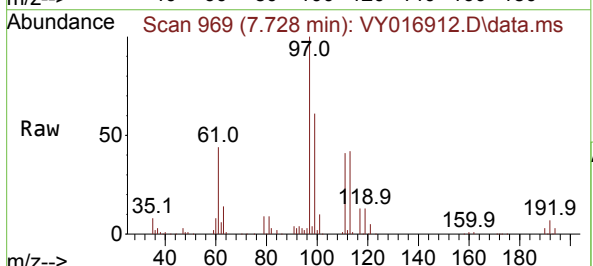
Instrument :
MSVOA_Y
ClientSampleId :



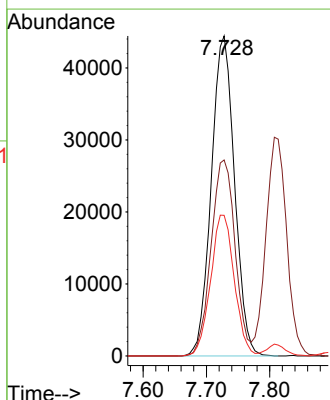
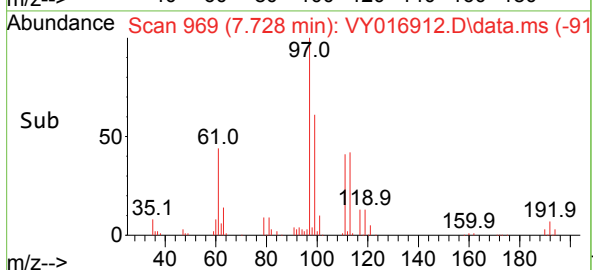
Tgt Ion: 56 Resp: 101922
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.6
84 87.1 71.8 107.6

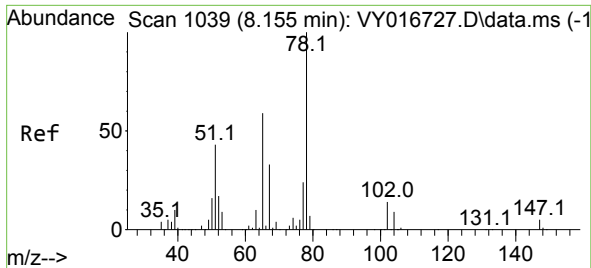


#32
1,1,1-Trichloroethane
Concen: 49.490 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20



Tgt Ion: 97 Resp: 113188
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.8 35.0 52.6

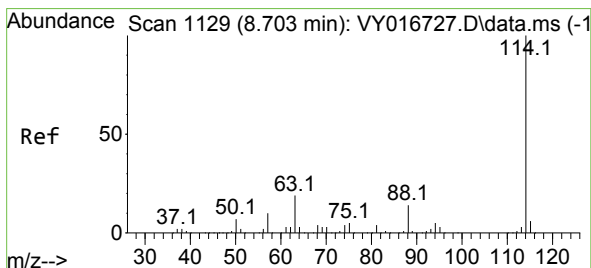
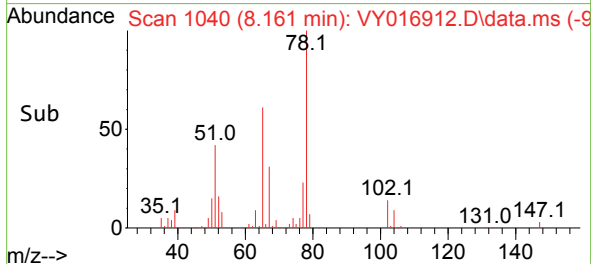
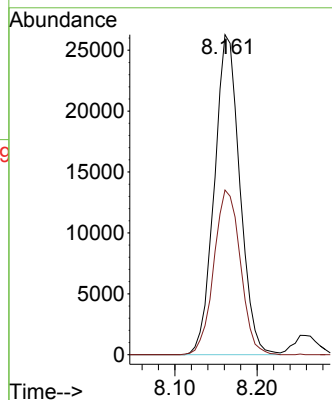
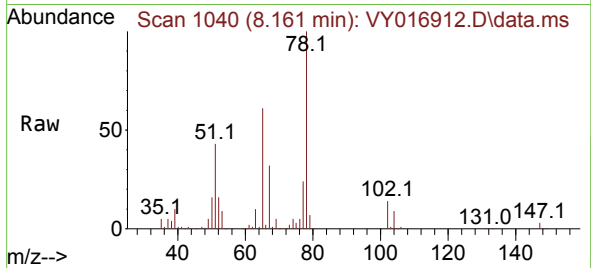




#33
1,2-Dichloroethane-d4
Concen: 45.754 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

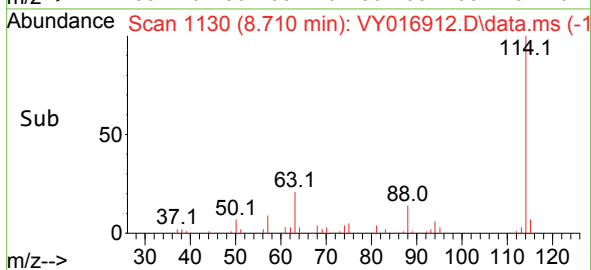
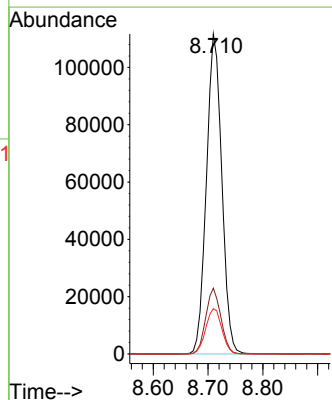
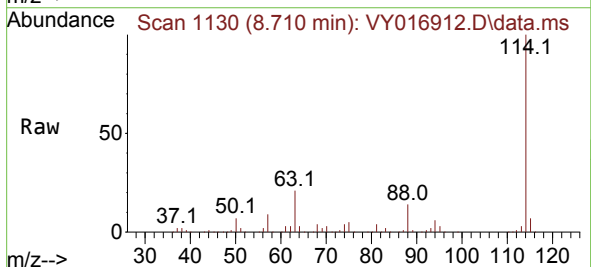
Instrument :
MSVOA_Y
ClientSampleId :

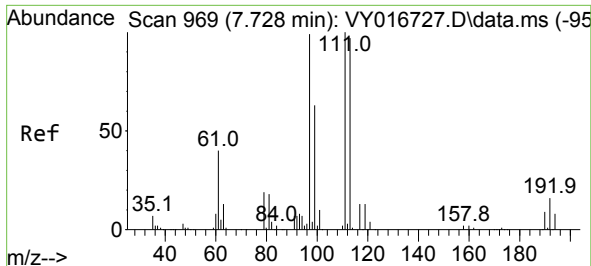
Tgt Ion: 65 Resp: 56582
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion:114 Resp: 216803
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 14.1 0.0 29.0

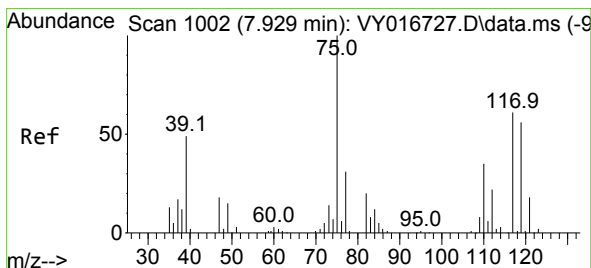
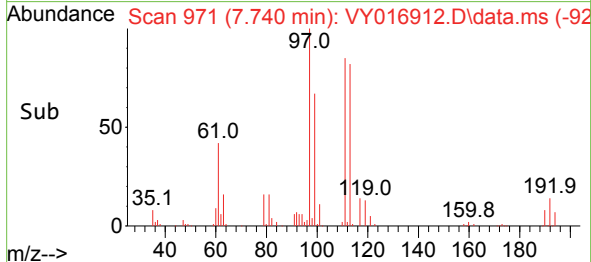
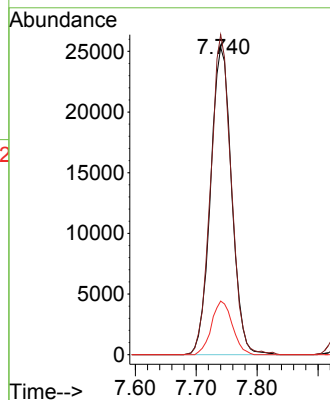
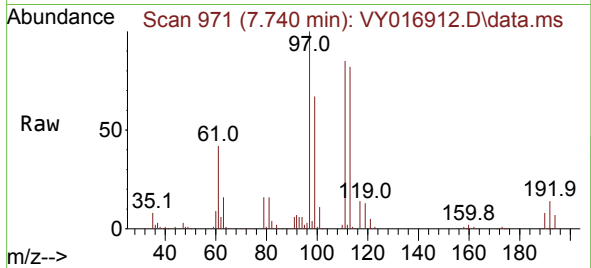




#35
Dibromofluoromethane
Concen: 44.059 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

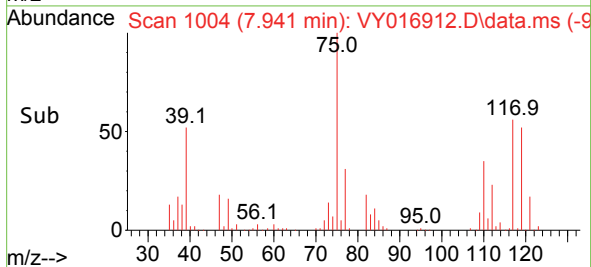
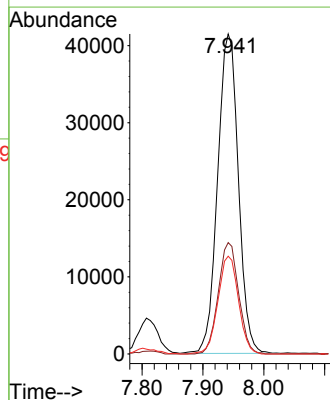
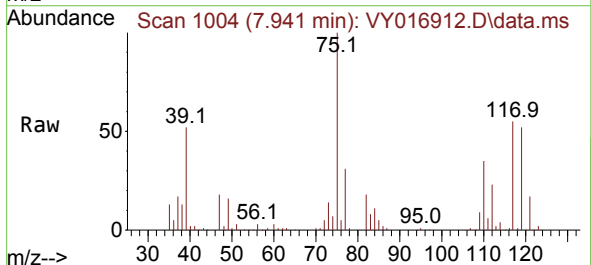
Instrument :
MSVOA_Y
ClientSampleId :

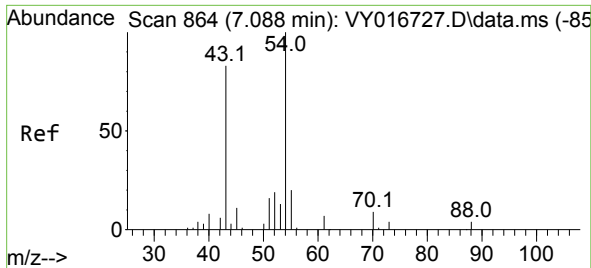
Tgt Ion:113 Resp: 60870
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 48.678 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 75 Resp: 98009
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 30.3 24.7 37.1

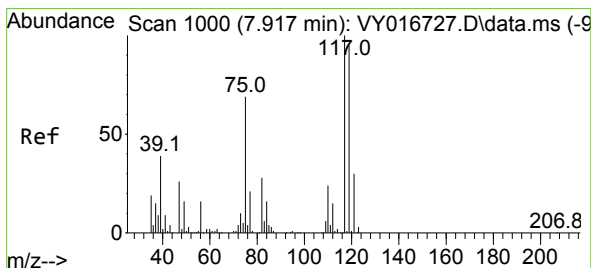
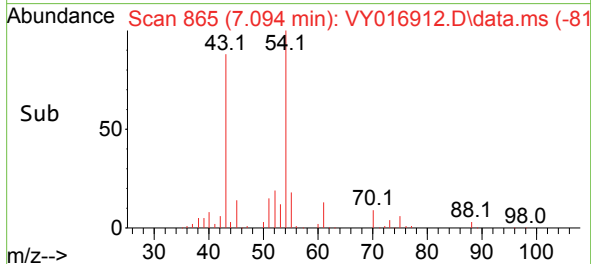
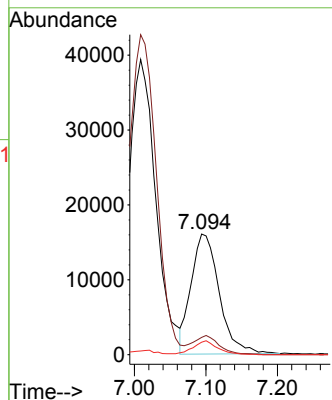
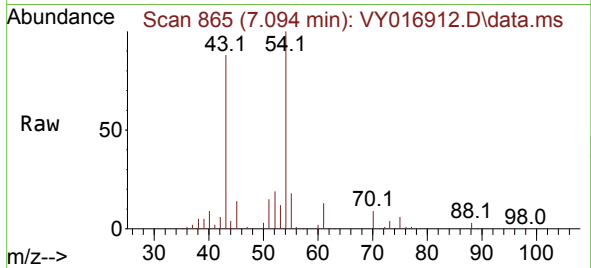




#37
Ethyl Acetate
Concen: 47.990 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

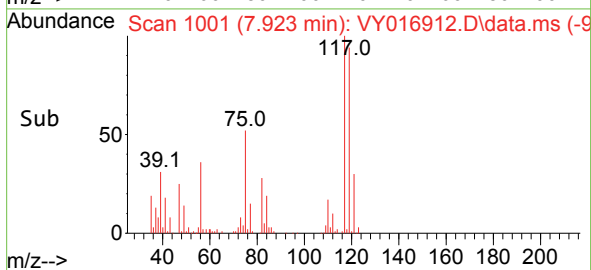
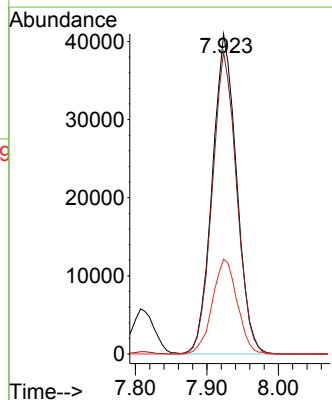
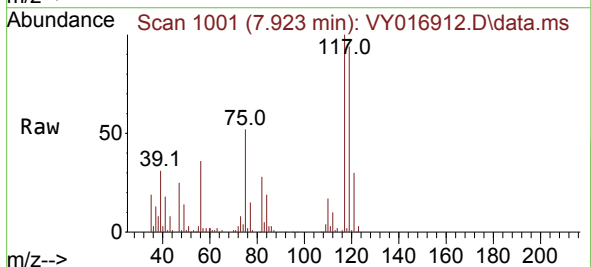
Instrument :
MSVOA_Y
ClientSampleId :

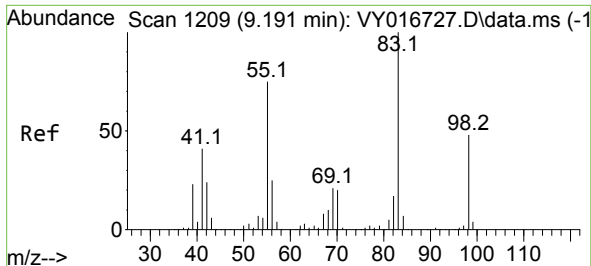
Tgt Ion: 43 Resp: 43910
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 47.287 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 117 Resp: 96730
Ion Ratio Lower Upper
117 100
119 94.5 76.0 114.0
121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 48.891 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

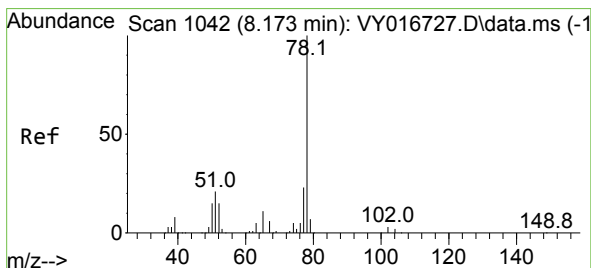
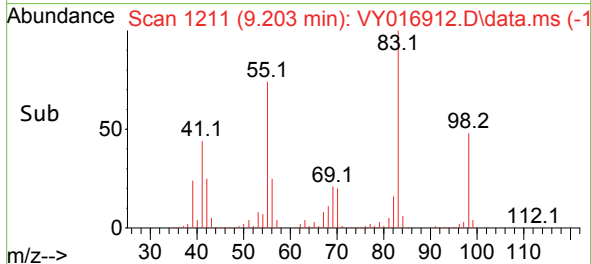
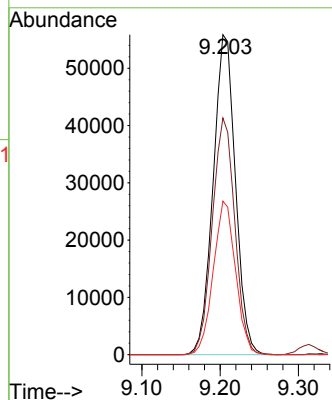
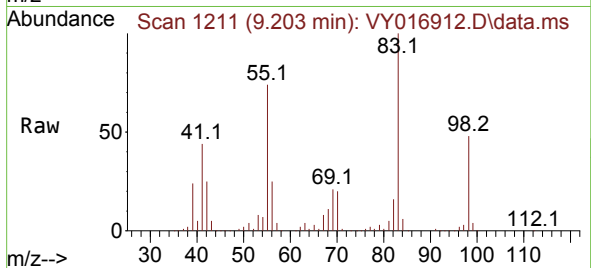
Tgt Ion: 83 Resp: 110663

Ion Ratio Lower Upper

83 100

55 74.0 59.7 89.5

98 48.0 38.0 57.0



#40

Benzene

Concen: 50.312 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016912.D

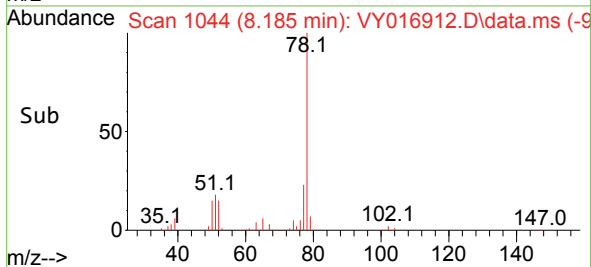
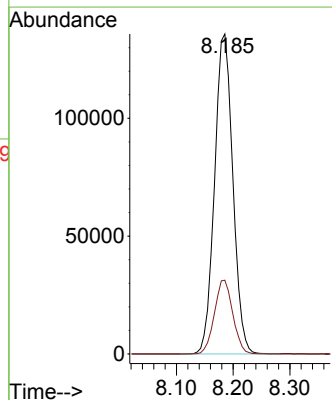
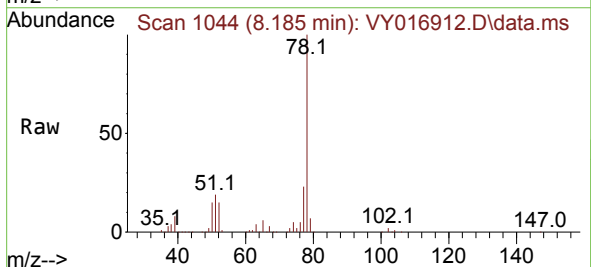
Acq: 03 Jan 2024 16:20

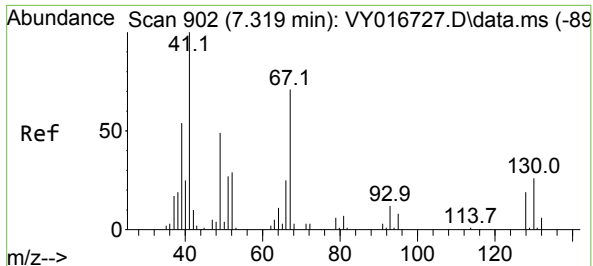
Tgt Ion: 78 Resp: 303876

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2



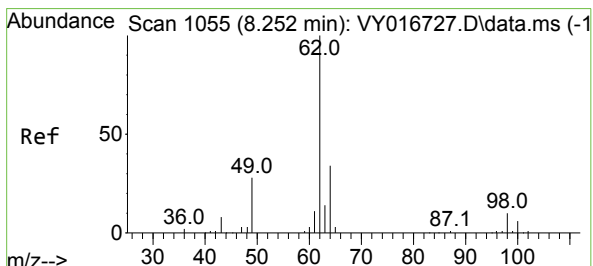
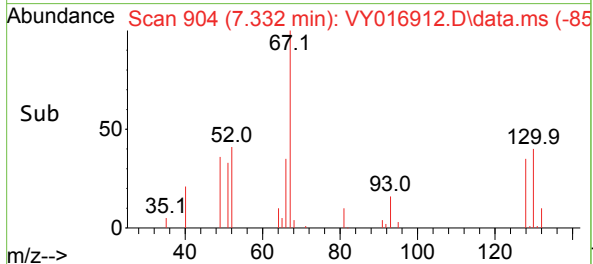
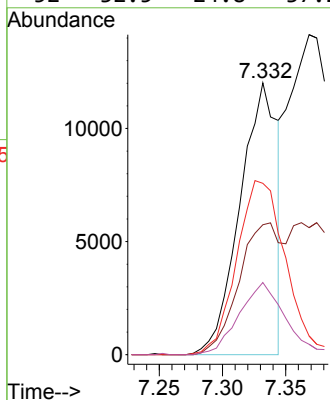
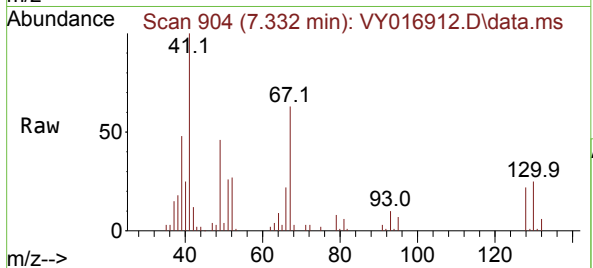


#41
Methacrylonitrile
Concen: 51.552 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 24842

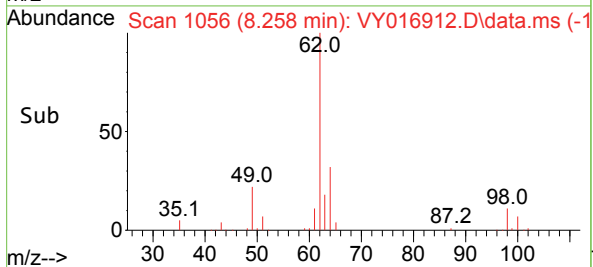
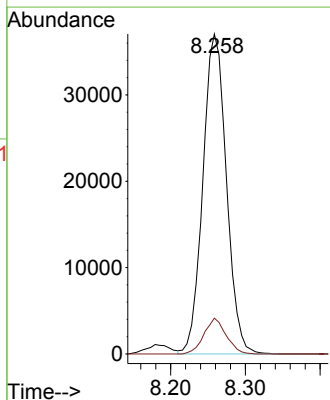
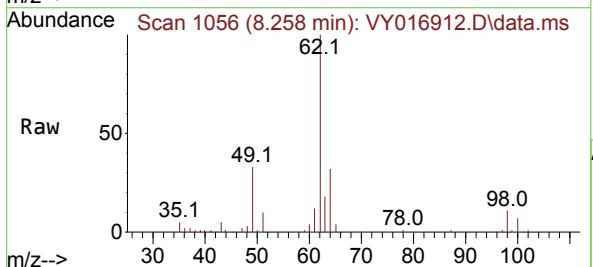
Ion	Ratio	Lower	Upper
41	100		
39	58.1	41.9	62.9
67	83.3	59.8	89.6
52	32.5	24.8	37.2

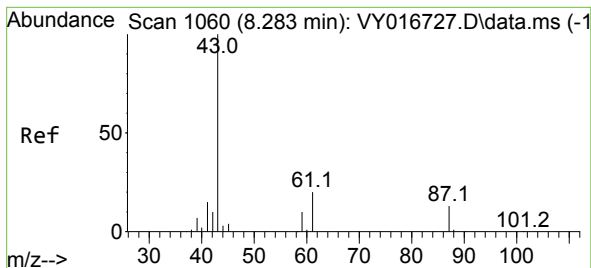


#42
1,2-Dichloroethane
Concen: 50.551 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 62 Resp: 81055

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.007 ug/l

RT: 8.295 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

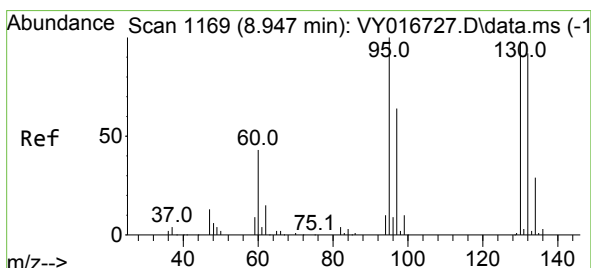
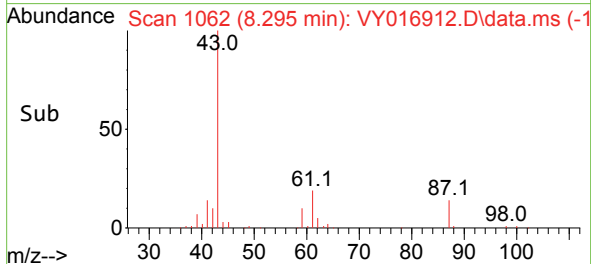
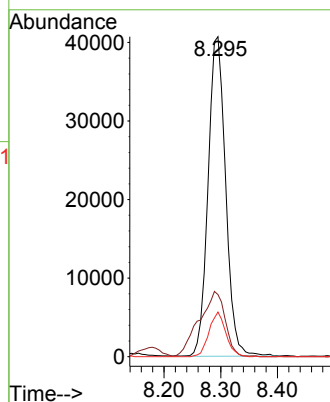
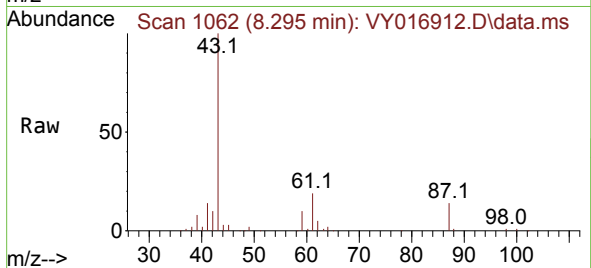
Tgt Ion: 43 Resp: 87621

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 48.798 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.013 min

Lab File: VY016912.D

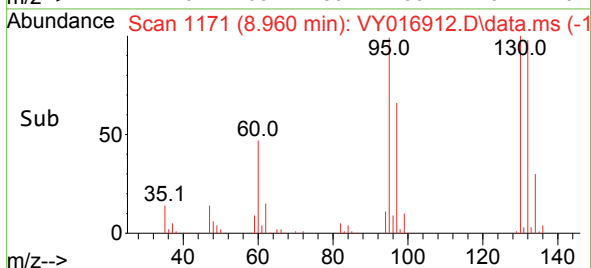
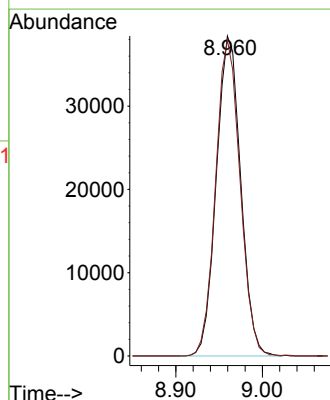
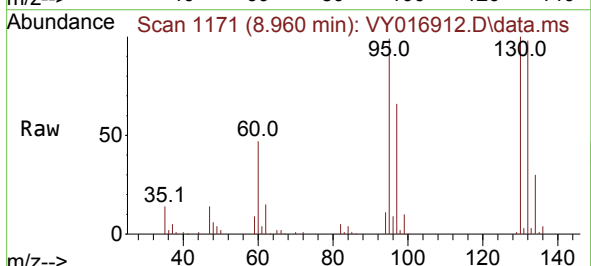
Acq: 03 Jan 2024 16:20

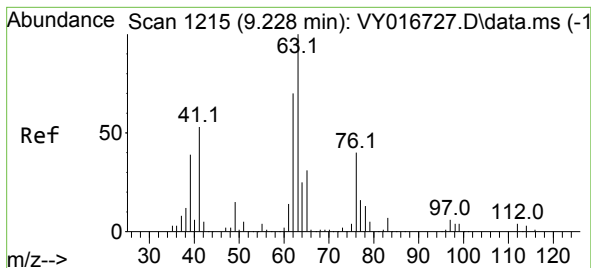
Tgt Ion:130 Resp: 74996

Ion Ratio Lower Upper

130 100

95 98.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 50.276 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

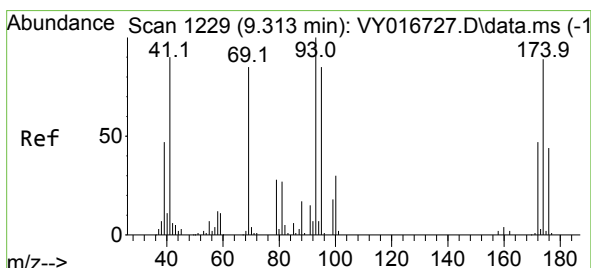
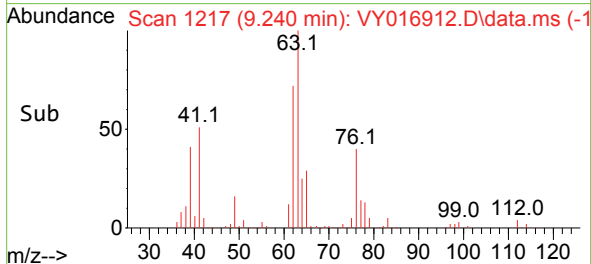
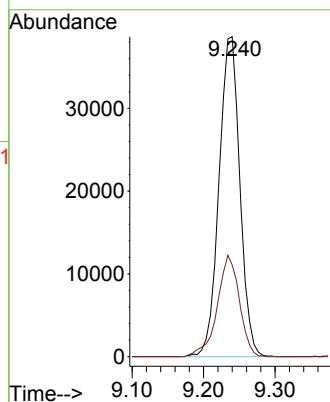
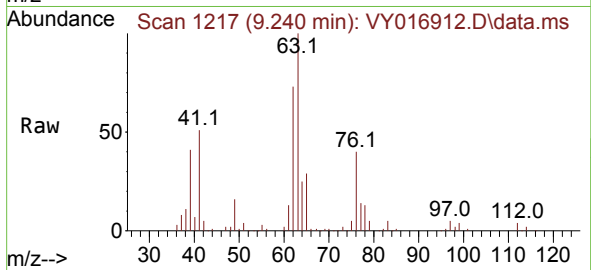
ClientSampleId :

Tgt Ion: 63 Resp: 78230

Ion Ratio Lower Upper

63 100

65 28.6 24.6 36.8



#46

Dibromomethane

Concen: 50.072 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

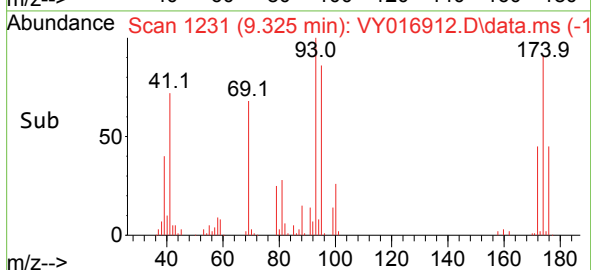
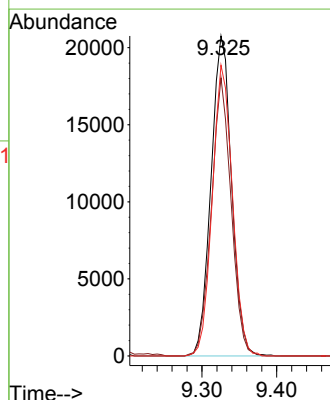
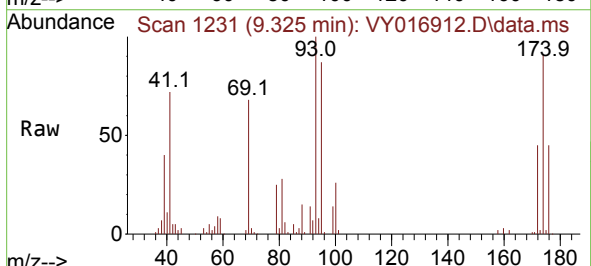
Tgt Ion: 93 Resp: 39735

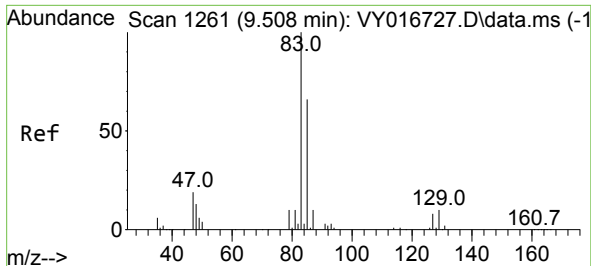
Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

174 88.8 73.8 110.6

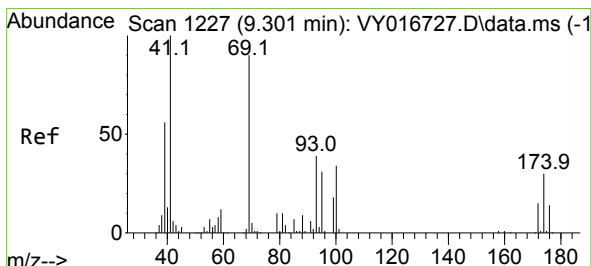
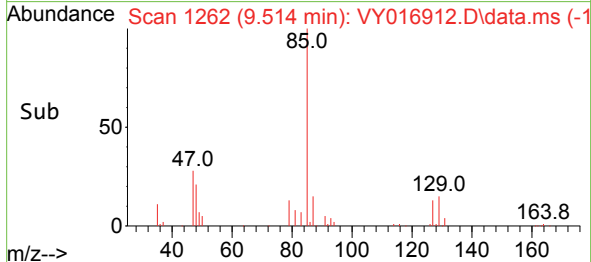
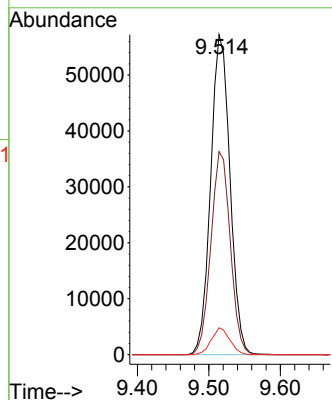
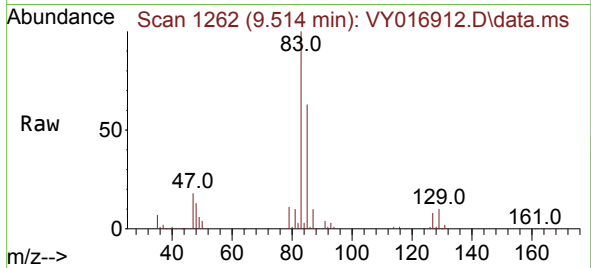




#47
Bromodichloromethane
Concen: 50.428 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

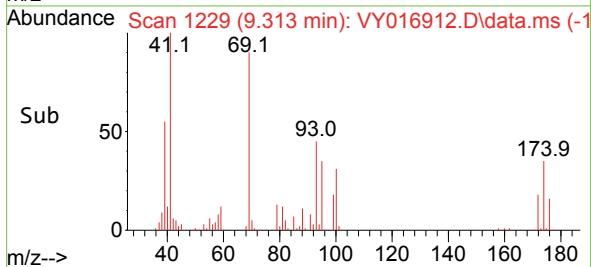
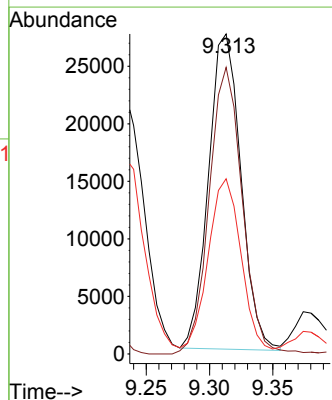
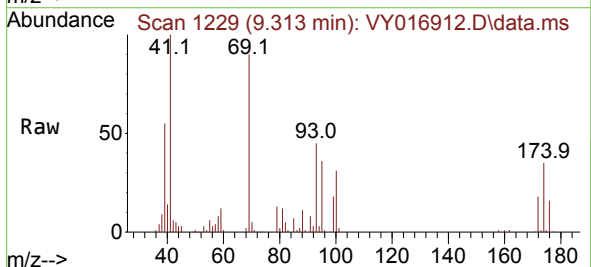
Instrument :
MSVOA_Y
ClientSampleId :

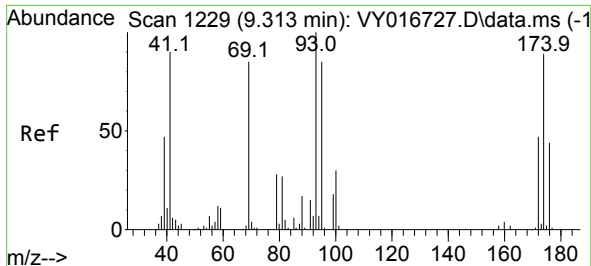
Tgt Ion: 83 Resp: 107461
Ion Ratio Lower Upper
83 100
85 63.4 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 51.721 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 41 Resp: 48907
Ion Ratio Lower Upper
41 100
69 92.8 72.1 108.1
39 56.7 42.8 64.2





#49

1,4-Dioxane

Concen: 942.587 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

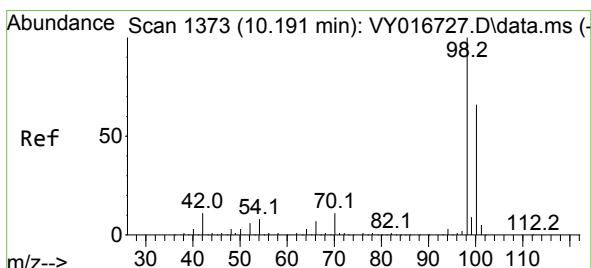
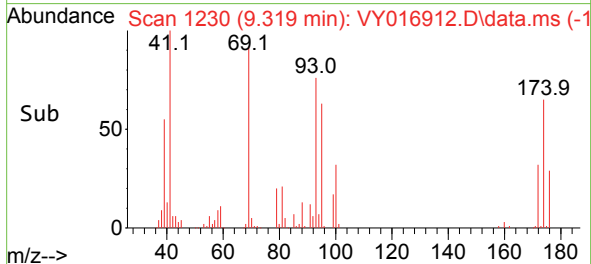
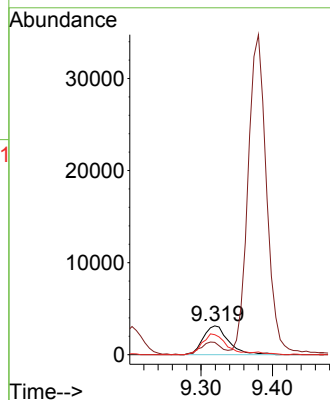
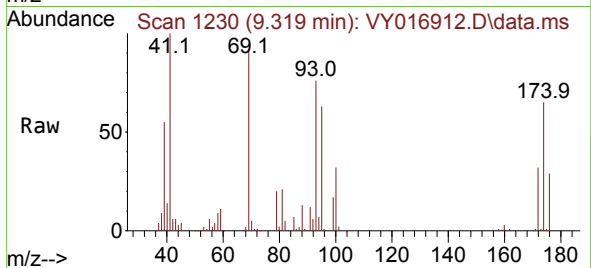
Tgt Ion: 88 Resp: 7745

Ion Ratio Lower Upper

88 100

43 35.8 28.2 42.4

58 72.9 52.2 78.2



#50

Toluene-d8

Concen: 44.468 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016912.D

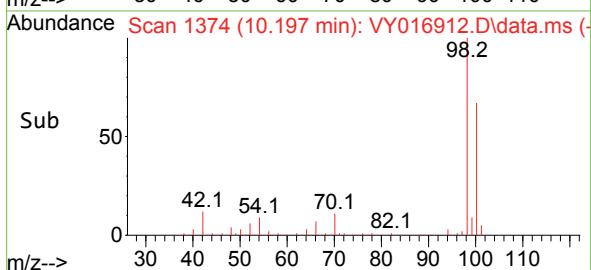
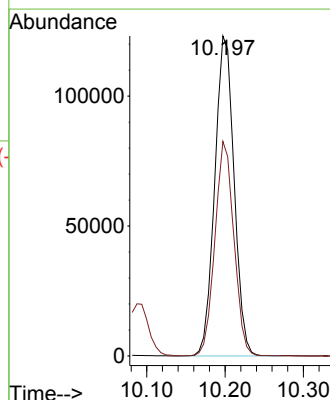
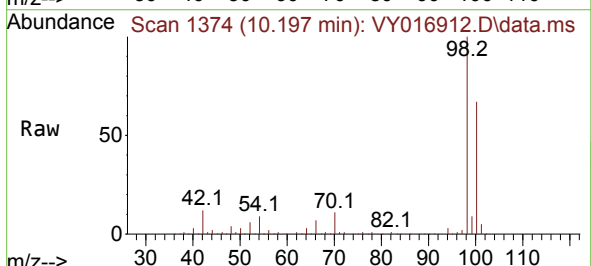
Acq: 03 Jan 2024 16:20

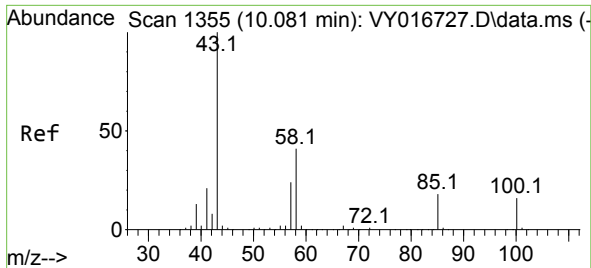
Tgt Ion: 98 Resp: 211552

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

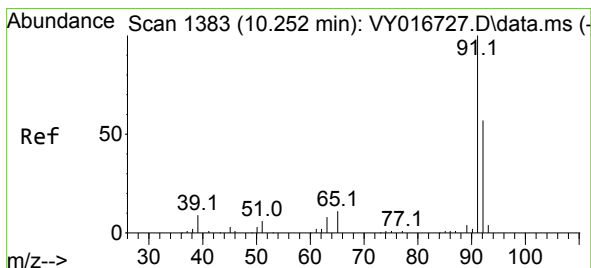
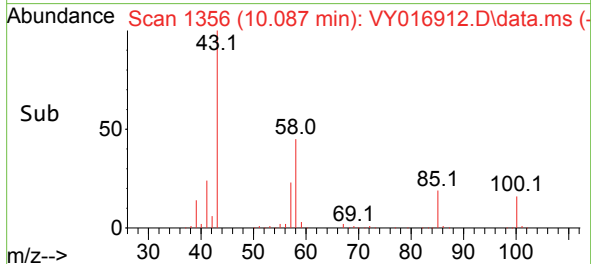
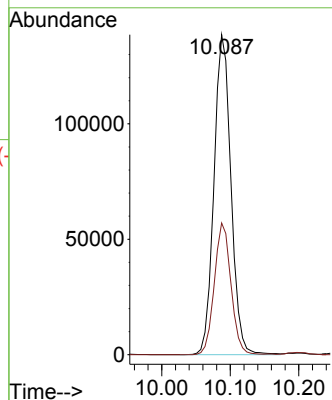
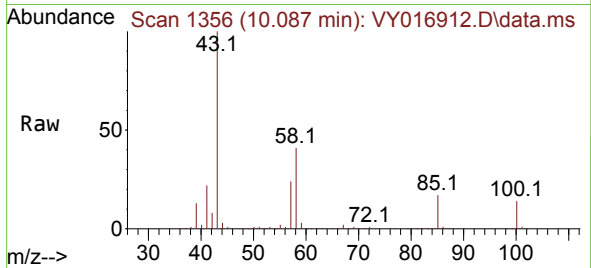




#51
4-Methyl-2-Pentanone
Concen: 256.481 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

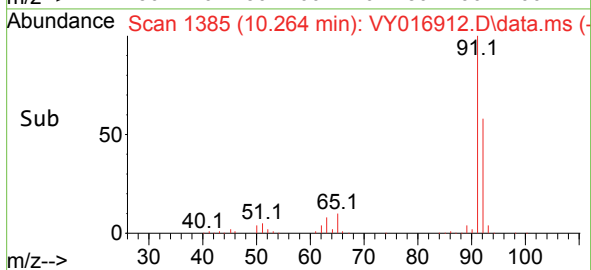
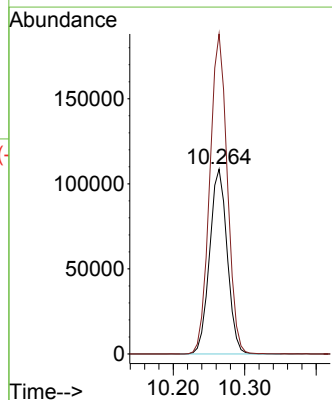
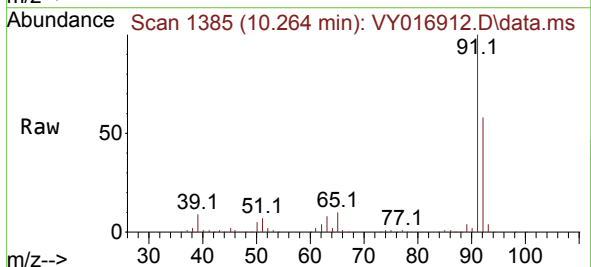
Instrument :
MSVOA_Y
ClientSampleId :

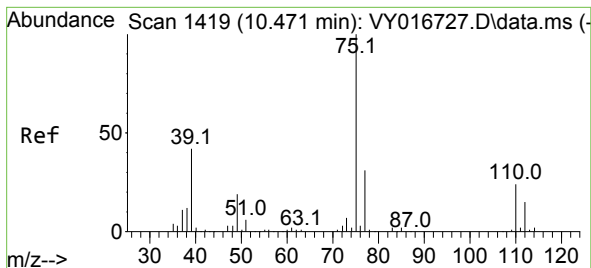
Tgt Ion: 43 Resp: 238997
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 50.854 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 92 Resp: 185367
Ion Ratio Lower Upper
92 100
91 172.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.074 ug/l

RT: 10.484 min Scan# 1419

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

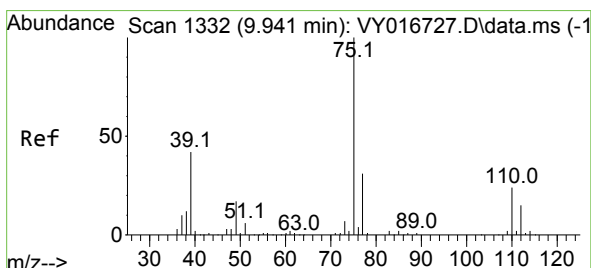
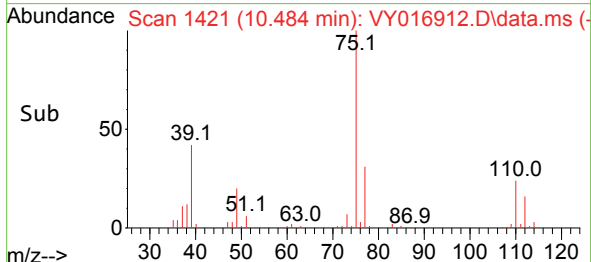
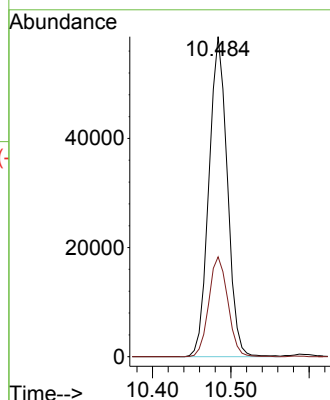
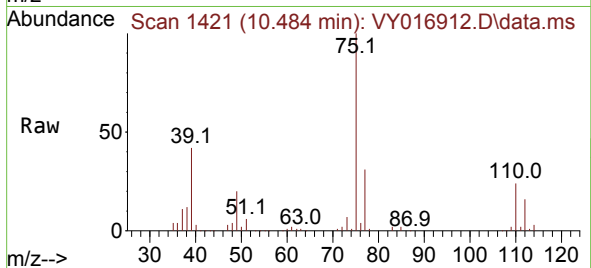
ClientSampleId :

Tgt Ion: 75 Resp: 95579

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 51.440 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

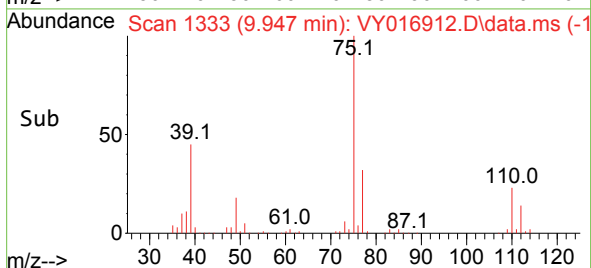
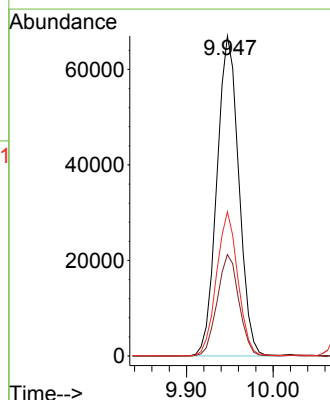
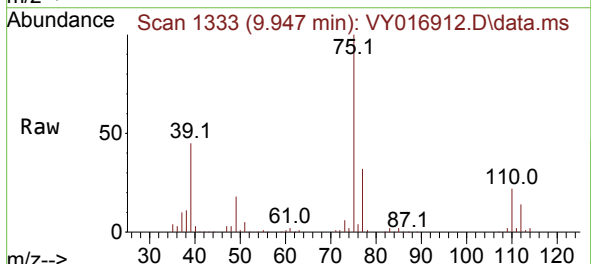
Tgt Ion: 75 Resp: 117916

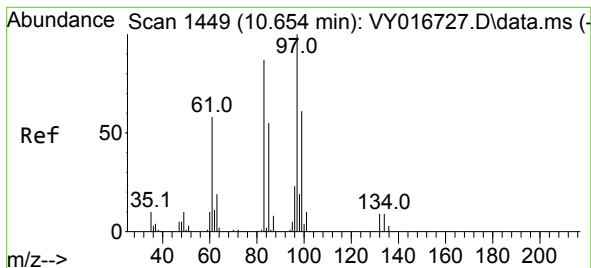
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 45.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.136 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 58125

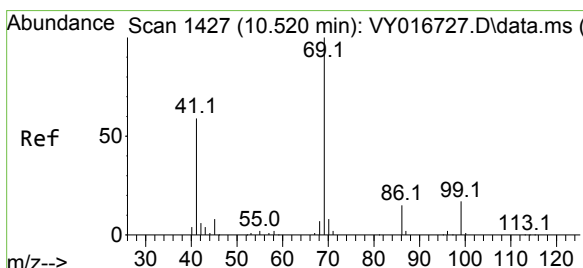
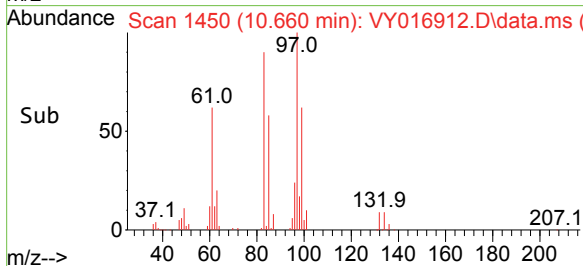
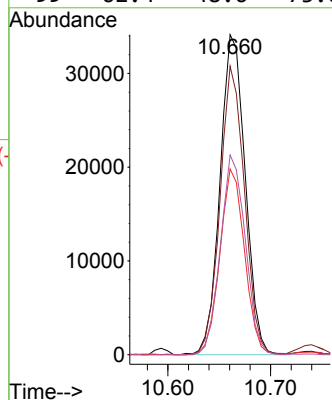
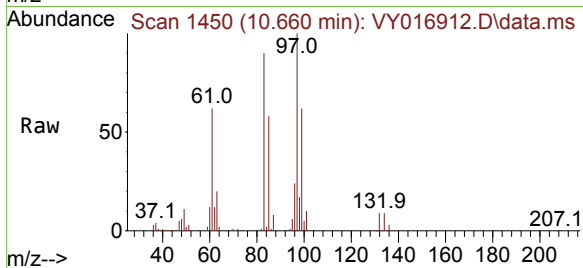
Ion Ratio Lower Upper

97 100

83 90.1 69.4 104.2

85 58.1 43.9 65.9

99 62.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 52.357 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

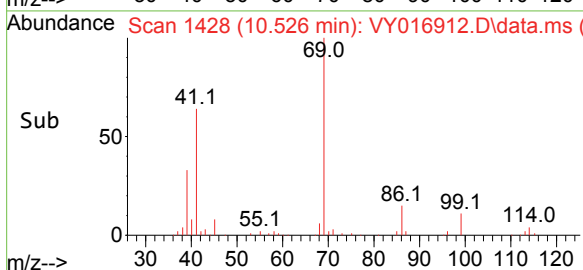
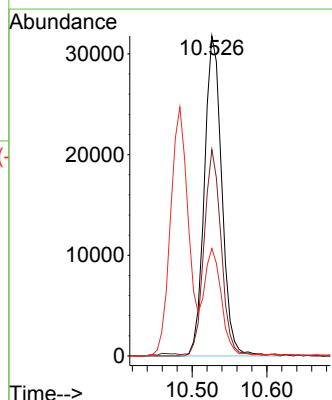
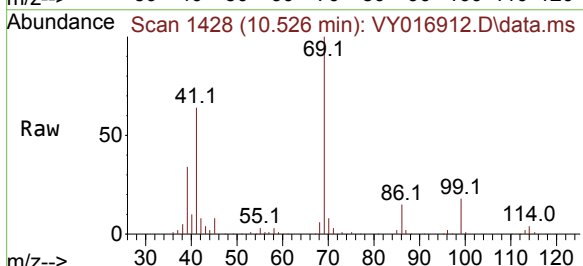
Tgt Ion: 69 Resp: 51413

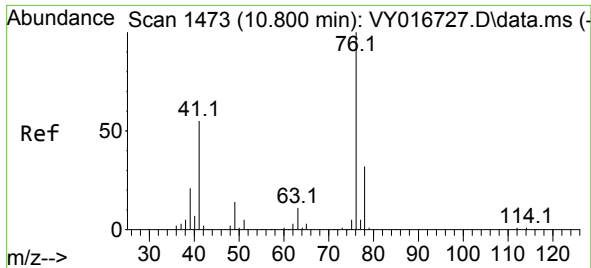
Ion Ratio Lower Upper

69 100

41 62.7 49.2 73.8

39 32.5 26.8 40.2

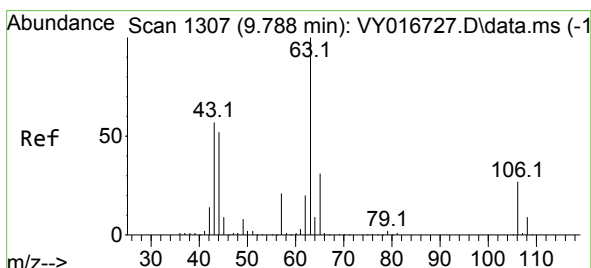
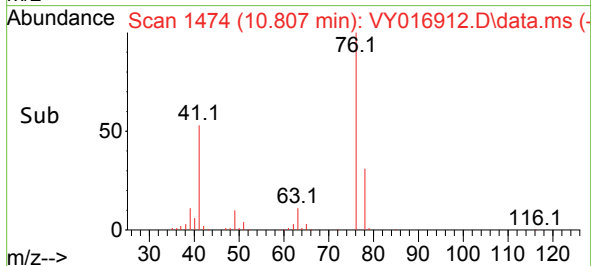
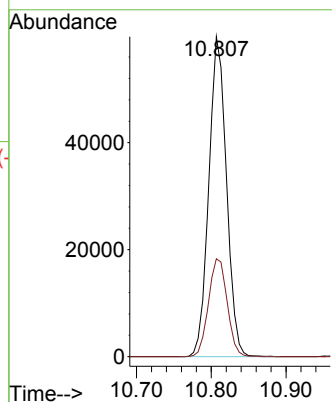
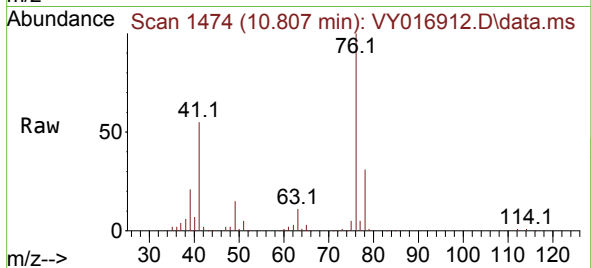




#57
1,3-Dichloropropane
Concen: 50.709 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

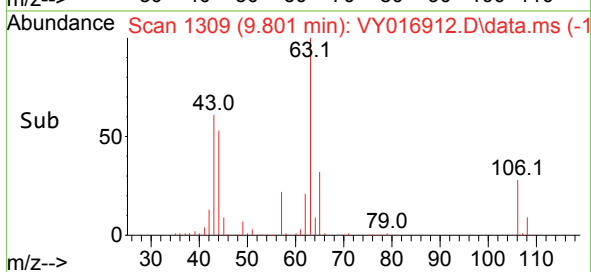
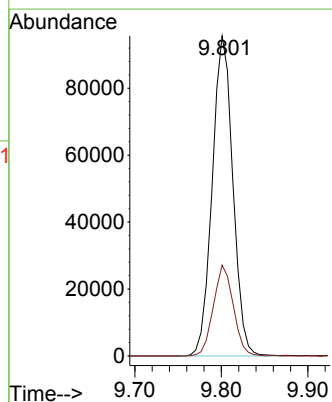
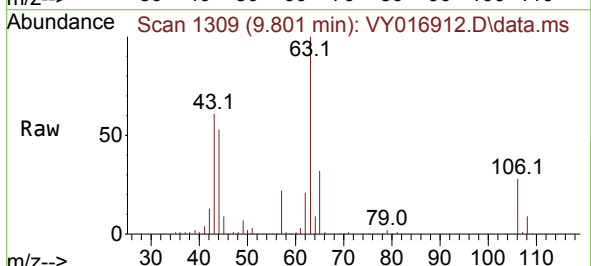
Instrument :
MSVOA_Y
ClientSampleId :

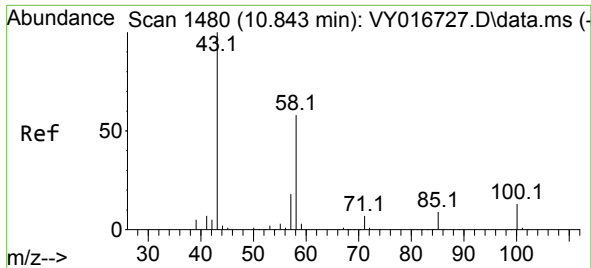
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1



#58
2-Chloroethyl Vinyl ether
Concen: 255.536 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.4	33.6

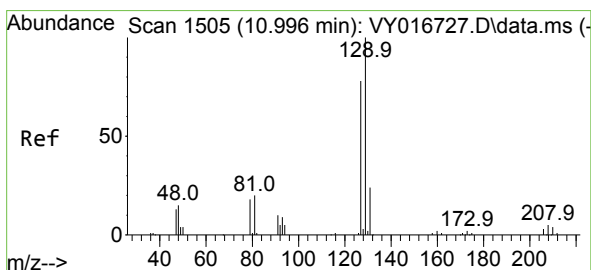
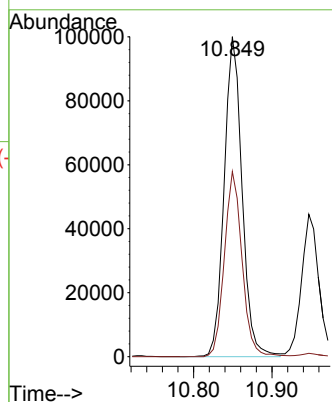
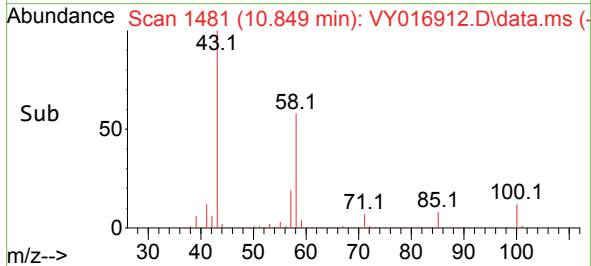
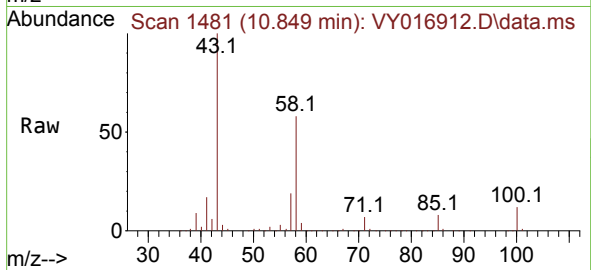




#59
2-Hexanone
Concen: 231.651 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

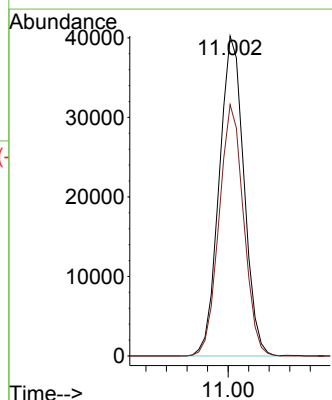
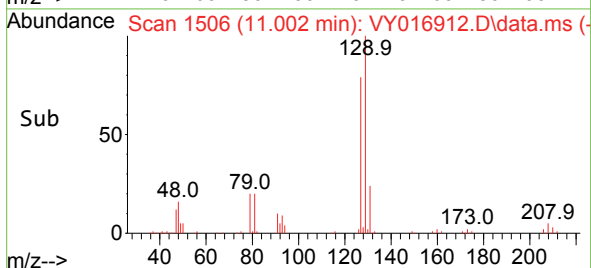
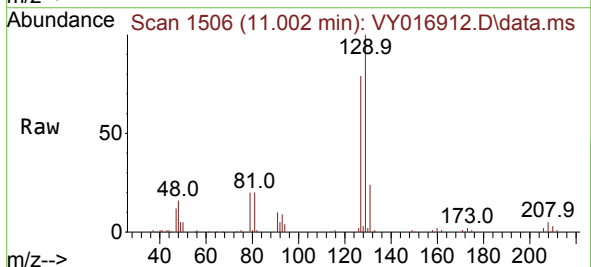
Instrument :
MSVOA_Y
ClientSampleId :

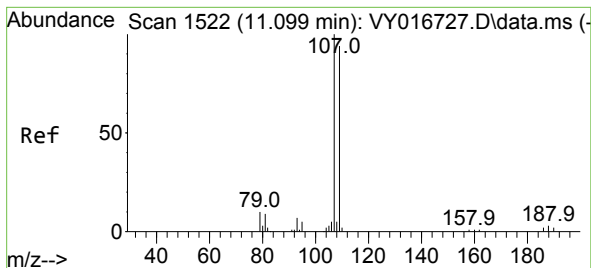
Tgt Ion: 43 Resp: 158944
Ion Ratio Lower Upper
43 100
58 57.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.221 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion:129 Resp: 67143
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 50.247 ug/l

RT: 11.105 min Scan# 1523

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

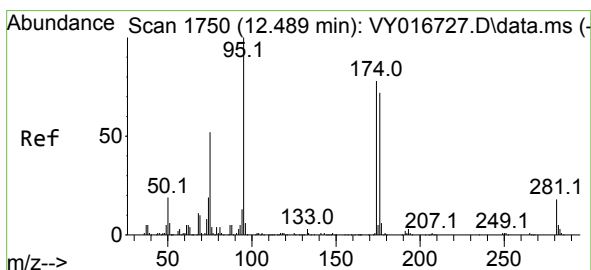
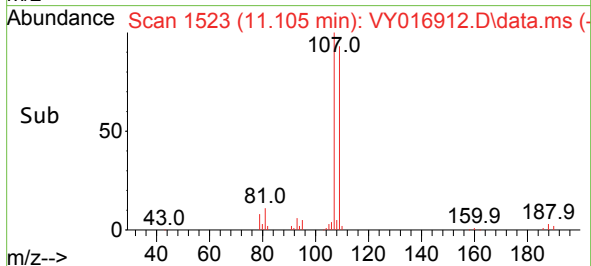
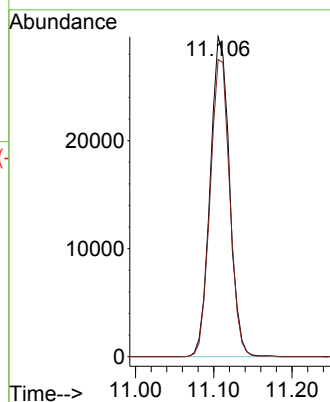
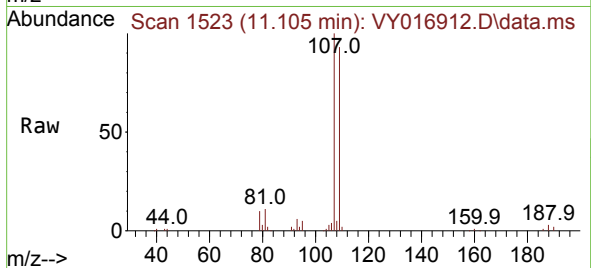
ClientSampleId :

Tgt Ion:107 Resp: 50612

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 44.033 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

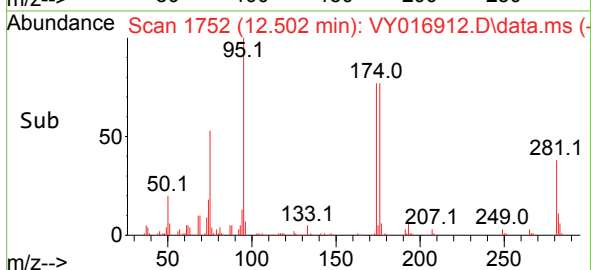
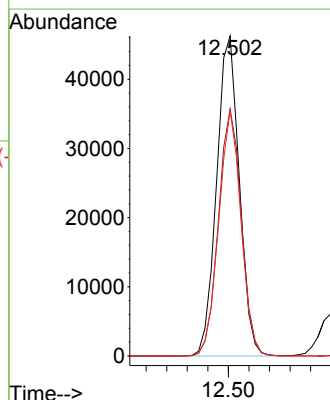
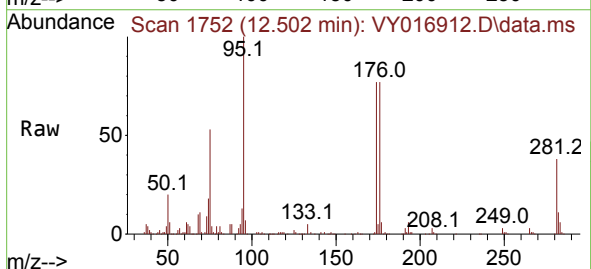
Tgt Ion: 95 Resp: 70677

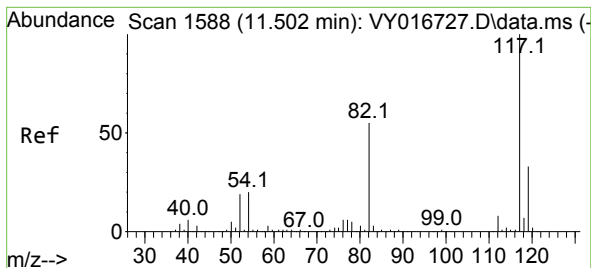
Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.0

176 75.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

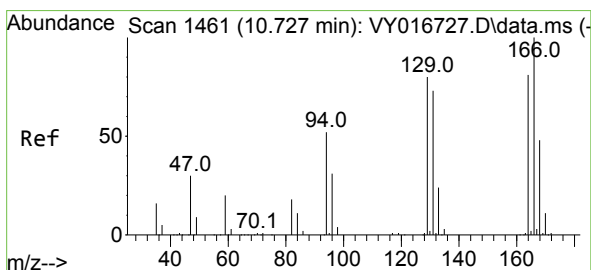
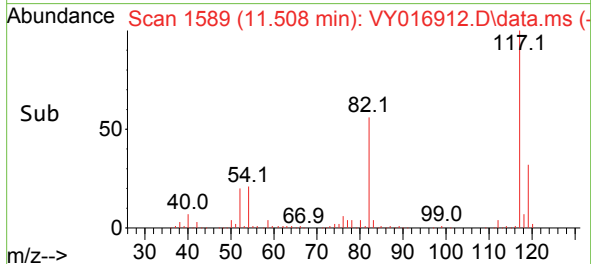
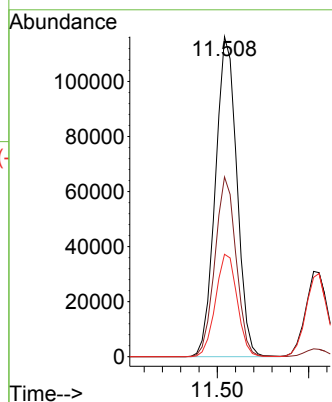
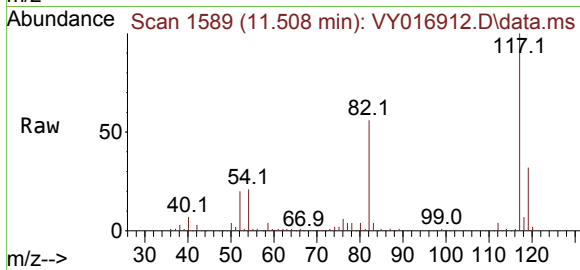
Tgt Ion:117 Resp: 189465

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 47.618 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Tgt Ion:164 Resp: 58491

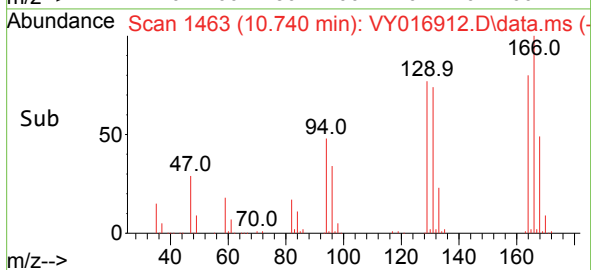
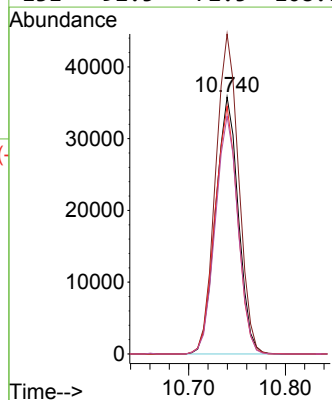
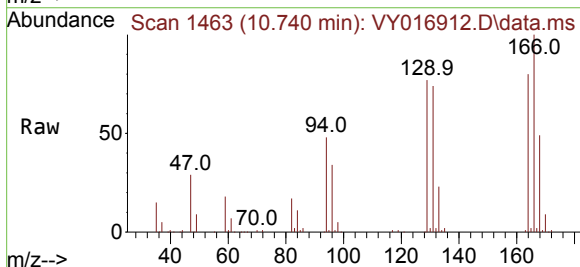
Ion Ratio Lower Upper

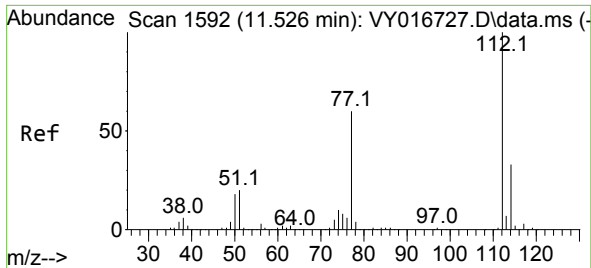
164 100

166 124.5 98.8 148.2

129 96.4 78.9 118.3

131 92.5 72.5 108.7

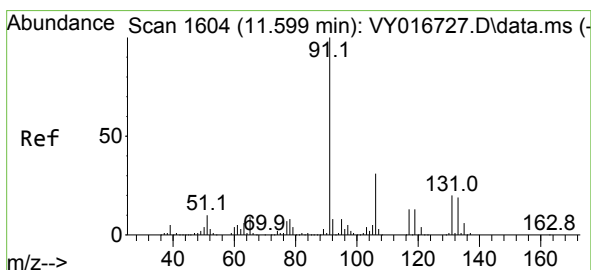
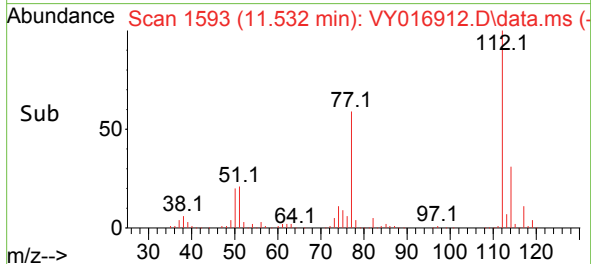
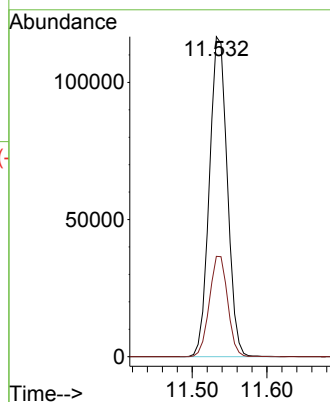
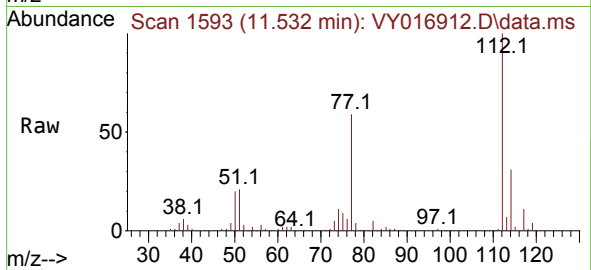




#65
Chlorobenzene
Concen: 49.160 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

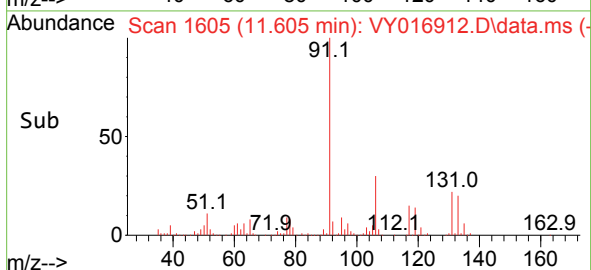
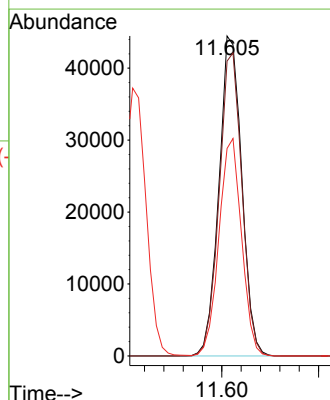
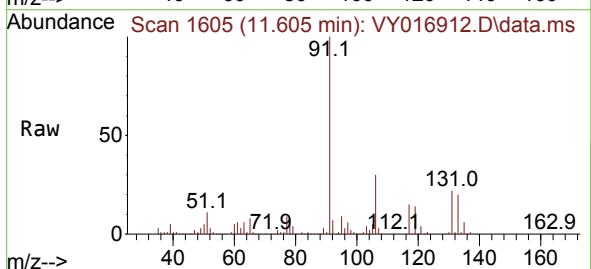
Instrument :
MSVOA_Y
ClientSampleId :

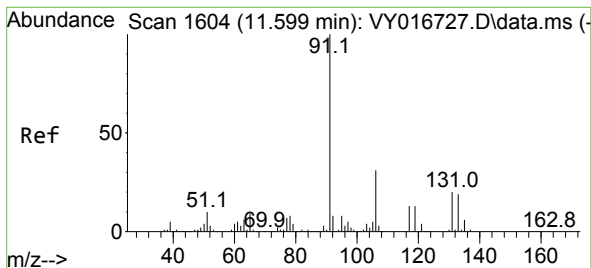
Tgt Ion:112 Resp: 194030
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.519 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion:131 Resp: 72796
Ion Ratio Lower Upper
131 100
133 94.4 47.0 141.0
119 67.4 33.3 99.9





#67

Ethyl Benzene

Concen: 50.007 ug/l

RT: 11.612 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

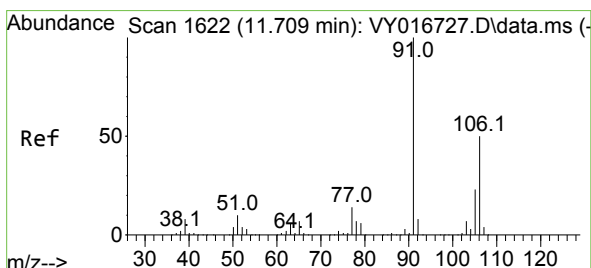
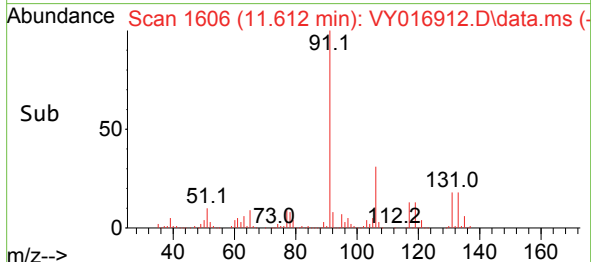
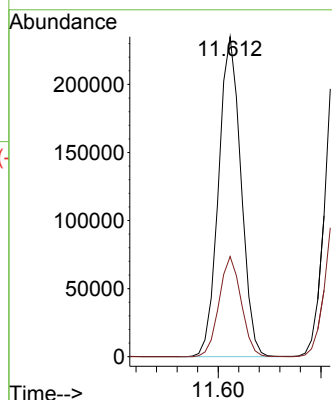
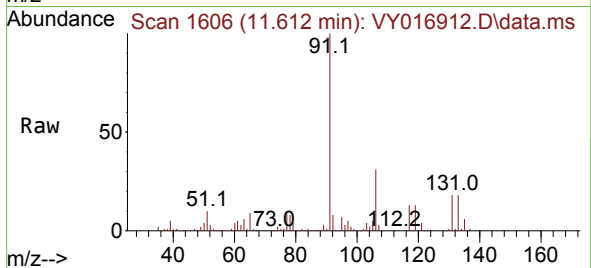
ClientSampleId :

Tgt Ion: 91 Resp: 355341

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 100.619 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016912.D

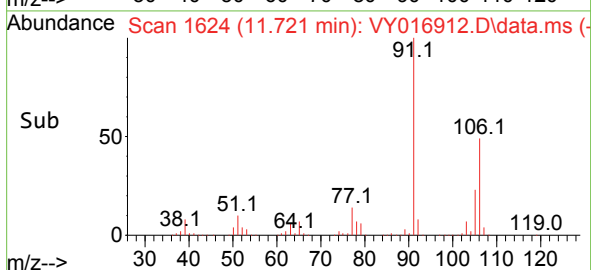
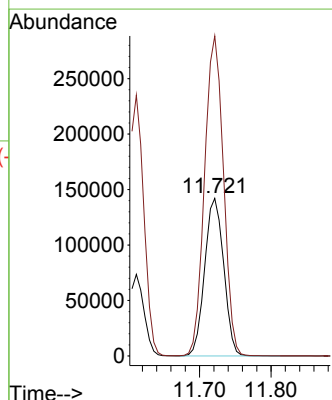
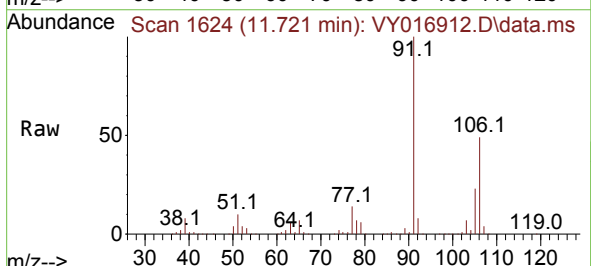
Acq: 03 Jan 2024 16:20

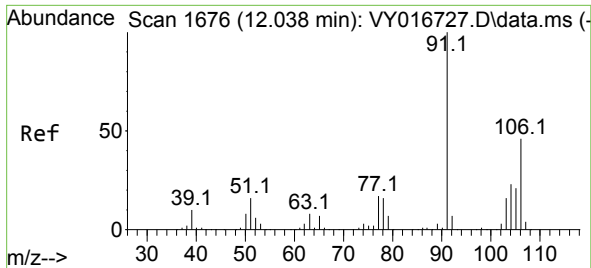
Tgt Ion:106 Resp: 262440

Ion Ratio Lower Upper

106 100

91 201.9 160.7 241.1

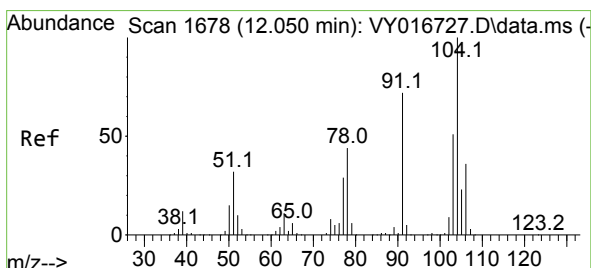
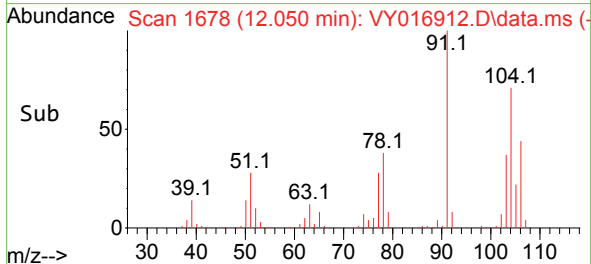
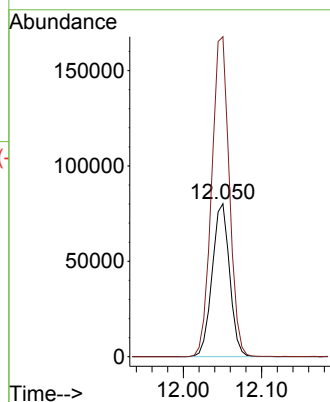
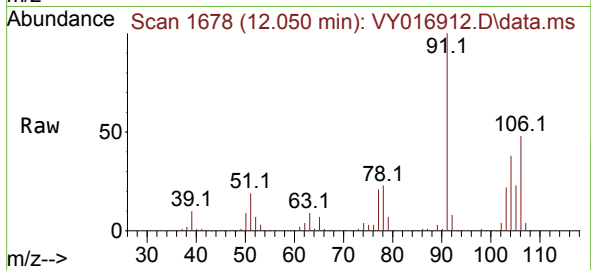




#69
o-Xylene
Concen: 50.679 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

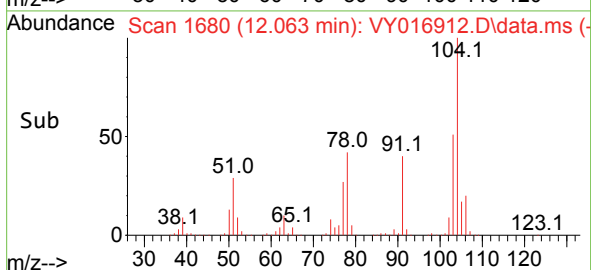
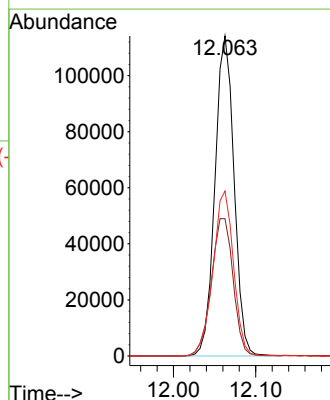
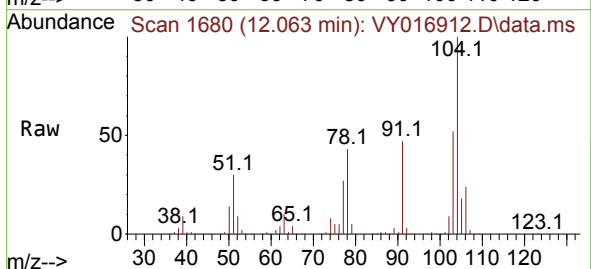
Instrument :
MSVOA_Y
ClientSampleId :

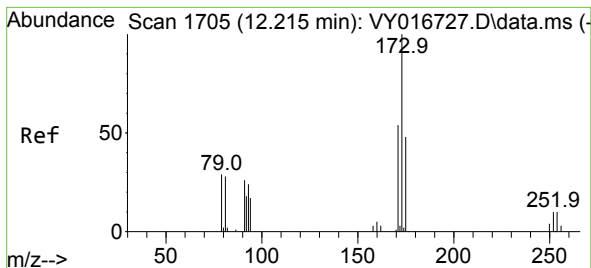
Tgt Ion:106 Resp: 123919
Ion Ratio Lower Upper
106 100
91 212.3 106.5 319.5



#70
Styrene
Concen: 51.844 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion:104 Resp: 184498
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.5 43.8 65.6





#71

Bromoform

Concen: 49.123 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

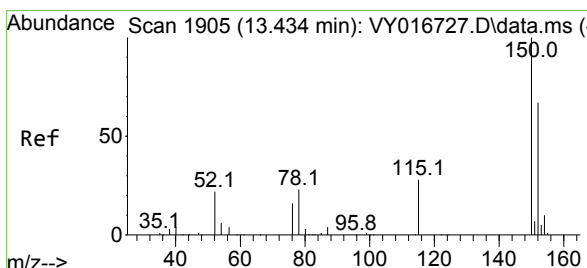
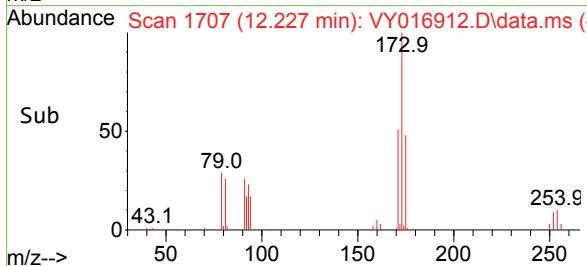
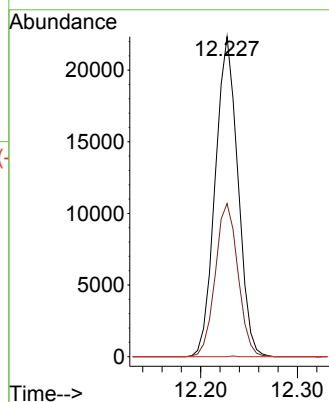
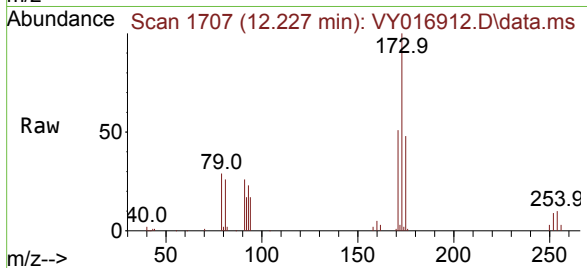
Tgt Ion:173 Resp: 36283

Ion Ratio Lower Upper

173 100

175 47.9 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

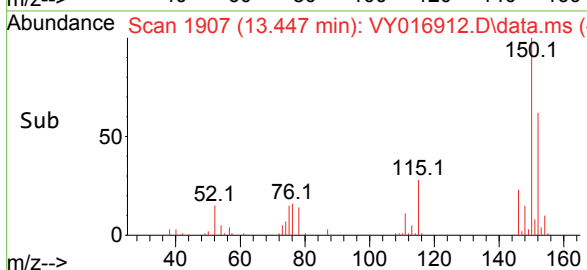
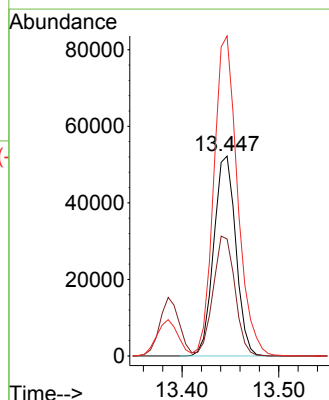
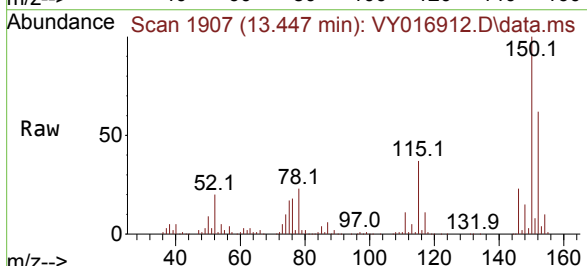
Tgt Ion:152 Resp: 82697

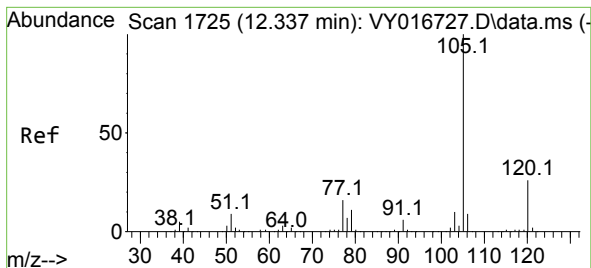
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 172.0 0.0 344.6





#73

Isopropylbenzene

Concen: 49.452 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

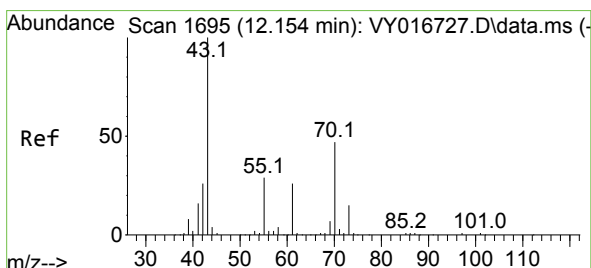
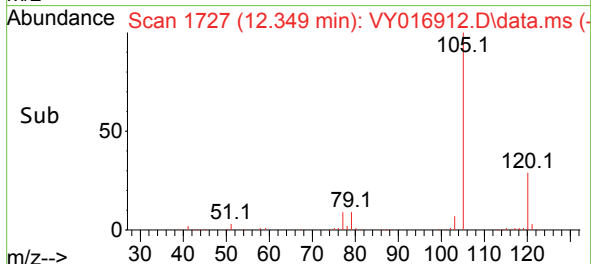
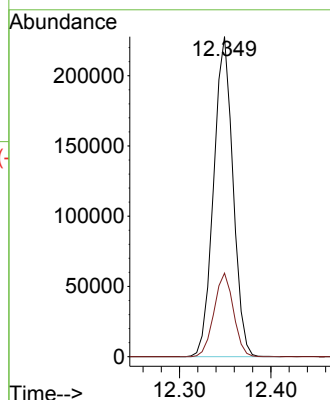
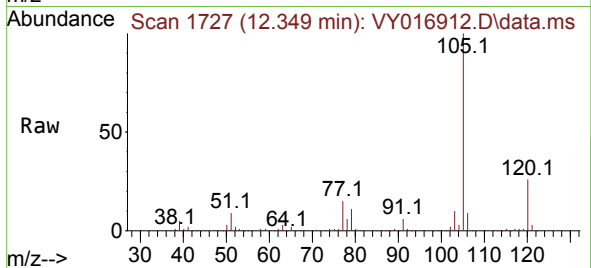
ClientSampleId :

Tgt Ion:105 Resp: 333954

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 48.891 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Tgt Ion: 43 Resp: 66335

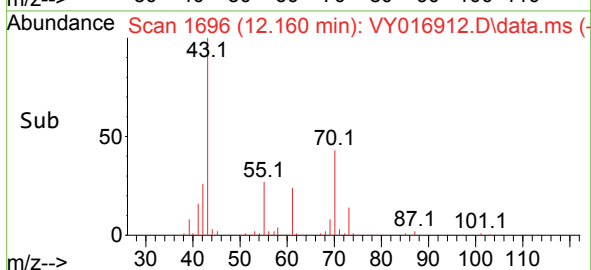
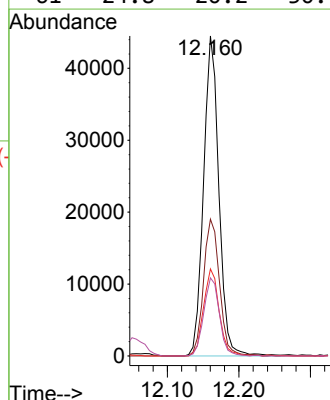
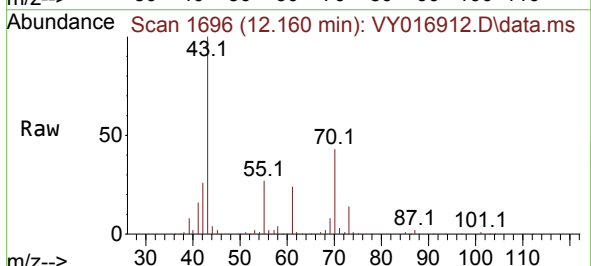
Ion Ratio Lower Upper

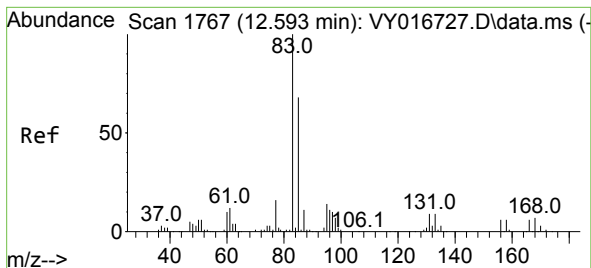
43 100

70 44.7 36.6 55.0

55 27.9 22.2 33.4

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.142 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

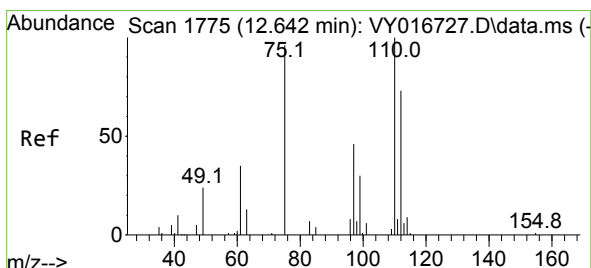
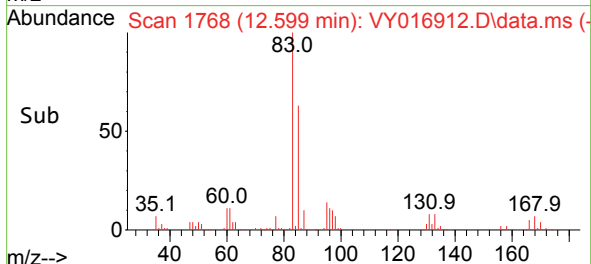
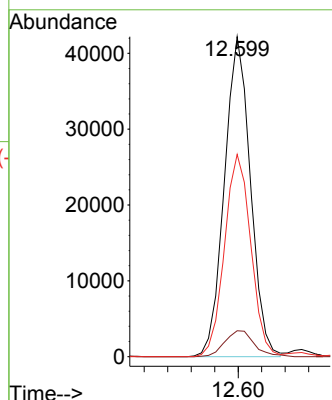
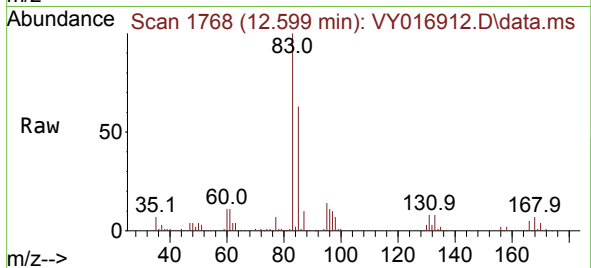
Tgt Ion: 83 Resp: 64866

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 64.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 87.421 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016912.D

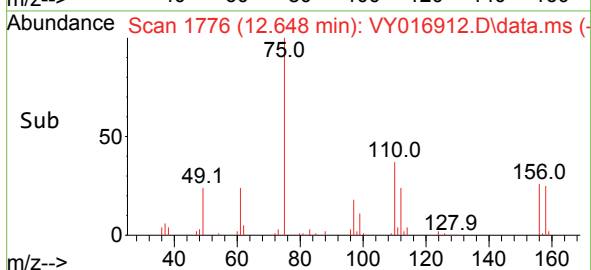
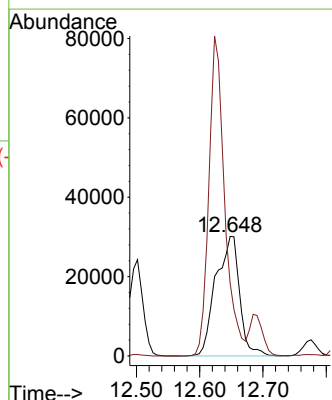
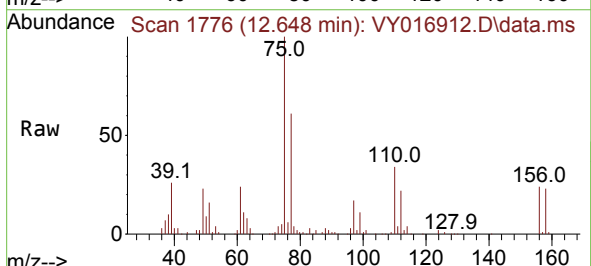
Acq: 03 Jan 2024 16:20

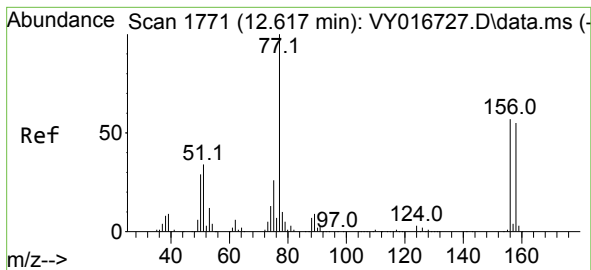
Tgt Ion: 75 Resp: 78453

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.085 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY016912.D

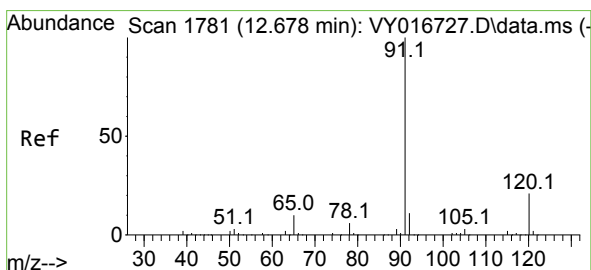
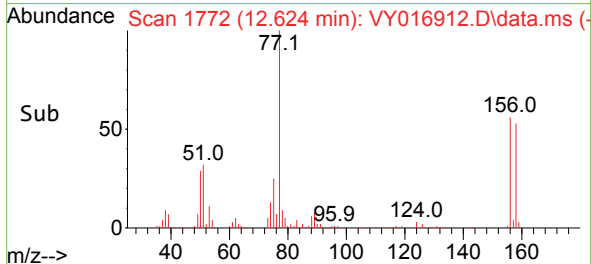
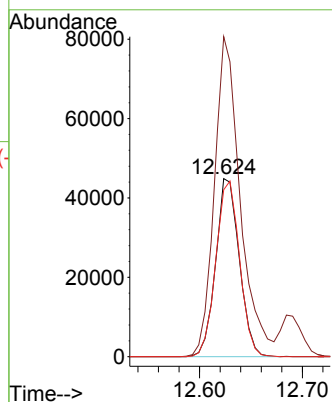
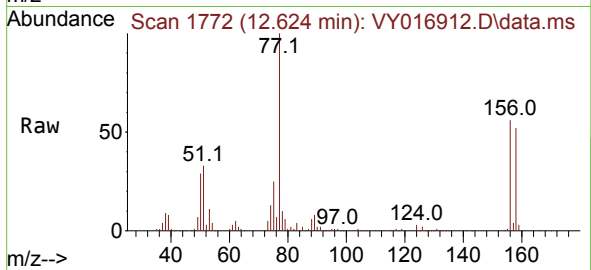
Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	71494
Ion Ratio	Lower	Upper	
156	100		
77	197.3	97.3	291.8
158	99.2	48.4	145.0



#78

n-propylbenzene

Concen: 49.316 ug/l

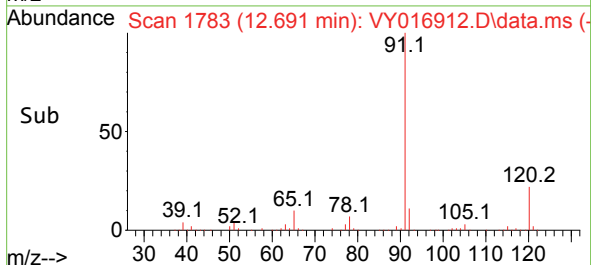
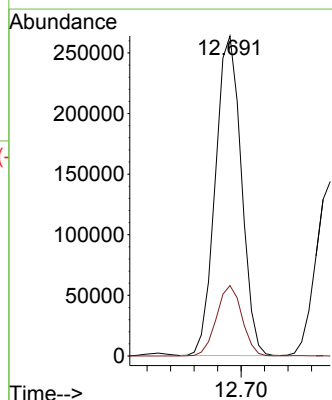
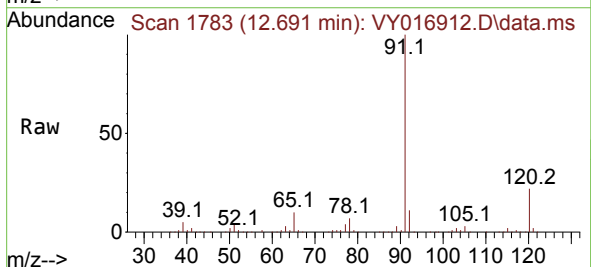
RT: 12.691 min Scan# 1783

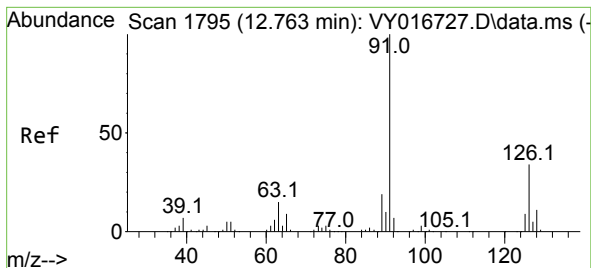
Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Tgt Ion:	91	Resp:	404876
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.0	33.0

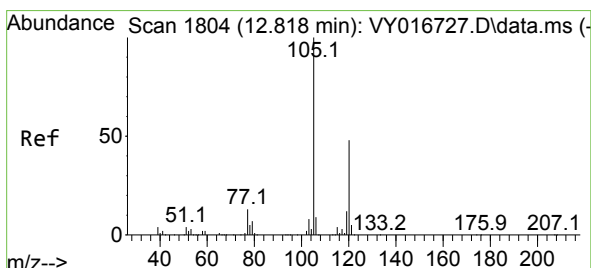
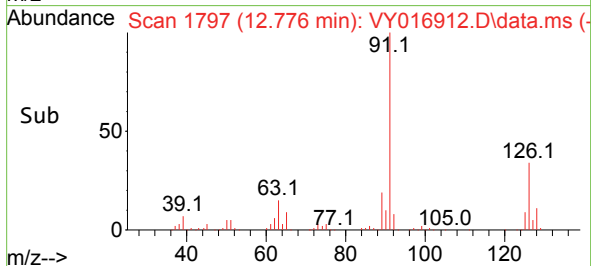
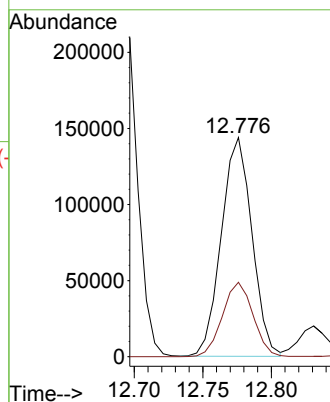
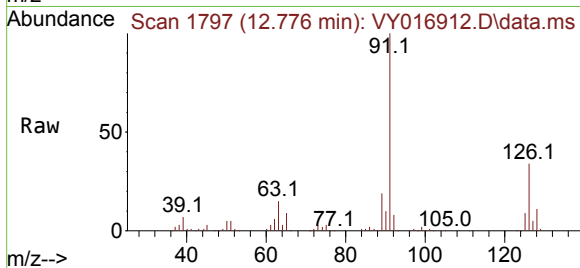




#79
2-Chlorotoluene
Concen: 49.263 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

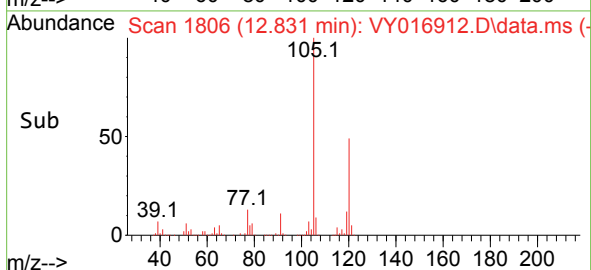
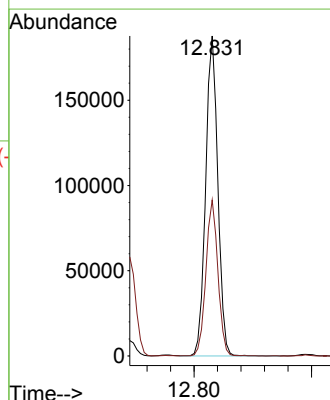
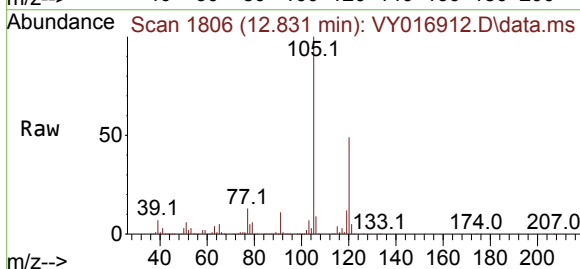
Instrument :
MSVOA_Y
ClientSampleId :

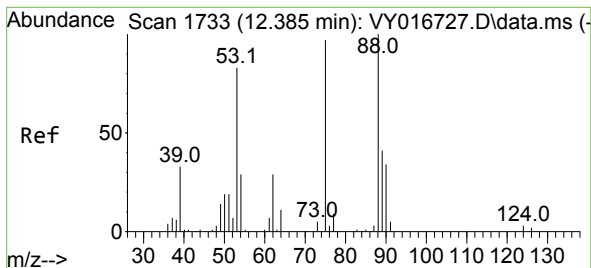
Tgt Ion: 91 Resp: 224272
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.565 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 105 Resp: 270064
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.113 ug/l

RT: 12.398 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

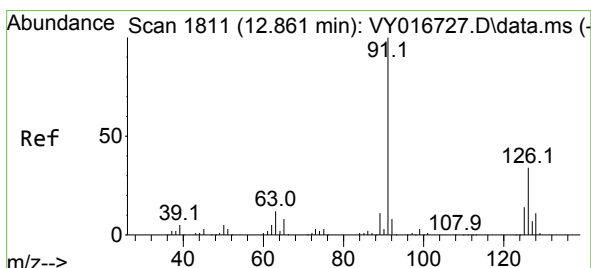
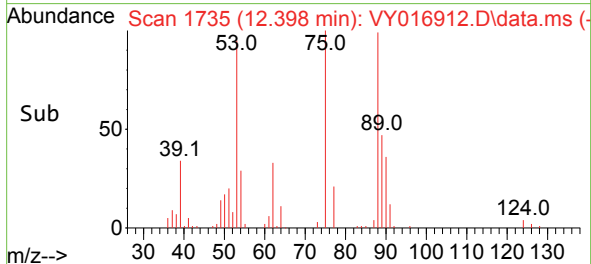
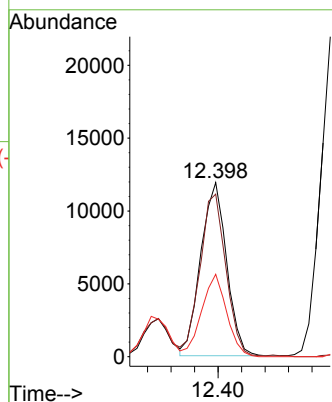
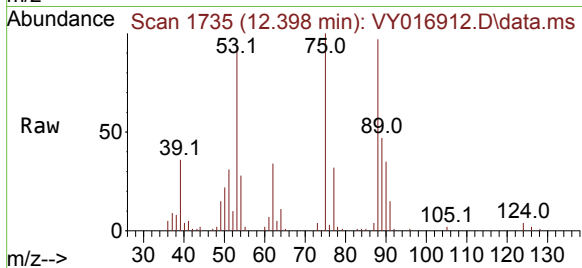
Tgt Ion: 75 Resp: 18224

Ion Ratio Lower Upper

75 100

53 93.4 74.0 111.0

89 46.1 36.5 54.7



#82

4-Chlorotoluene

Concen: 49.694 ug/l

RT: 12.873 min Scan# 1813

Delta R.T. 0.012 min

Lab File: VY016912.D

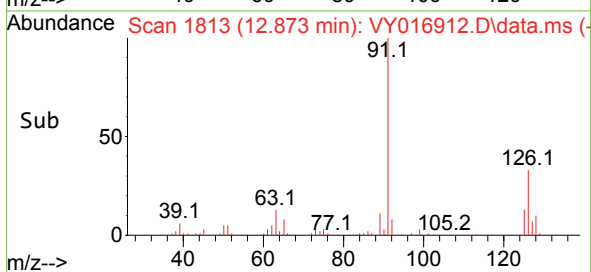
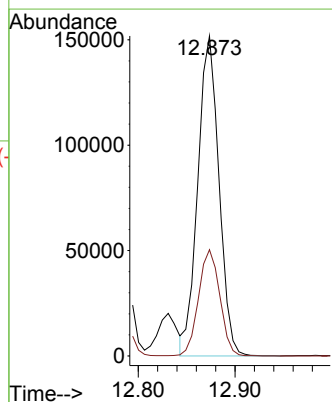
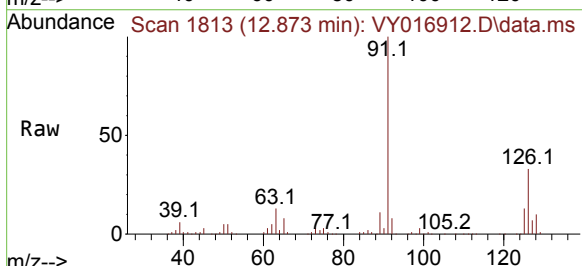
Acq: 03 Jan 2024 16:20

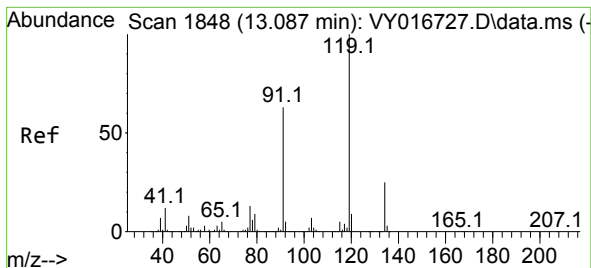
Tgt Ion: 91 Resp: 231129

Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 49.813 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

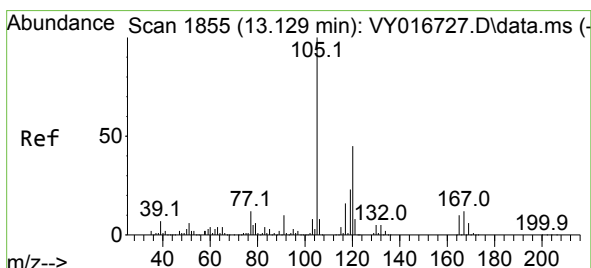
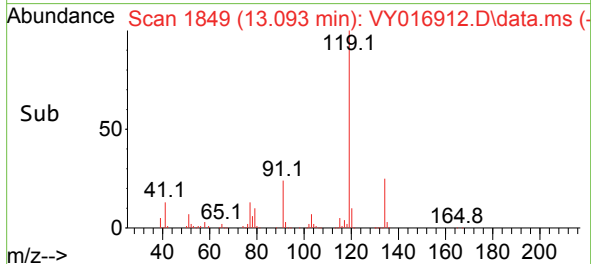
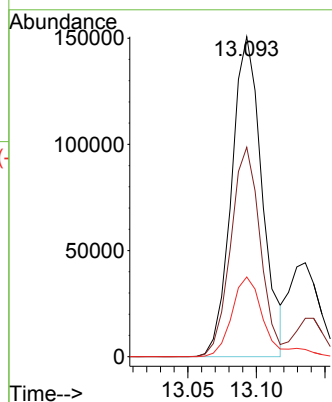
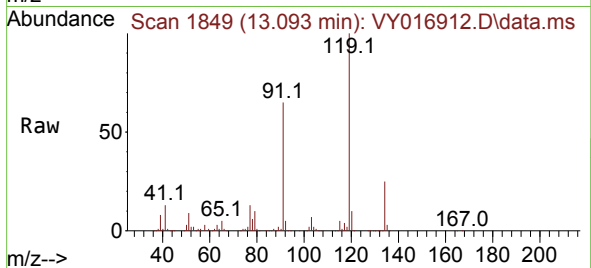
Tgt Ion:119 Resp: 234328

Ion Ratio Lower Upper

119 100

91 63.2 31.5 94.5

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.691 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016912.D

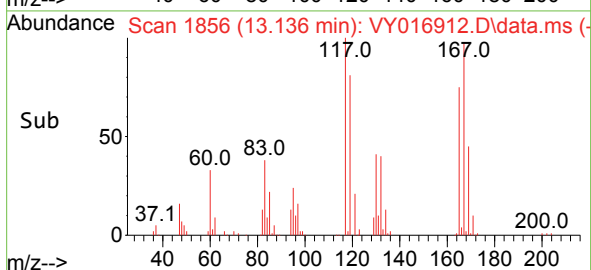
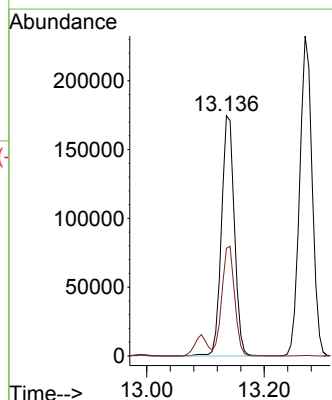
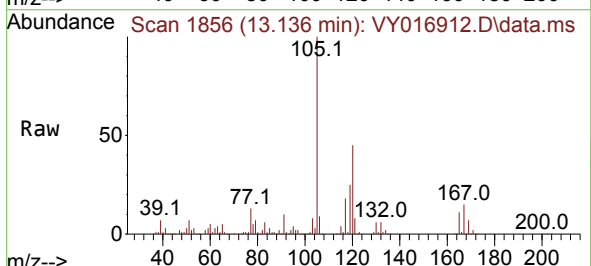
Acq: 03 Jan 2024 16:20

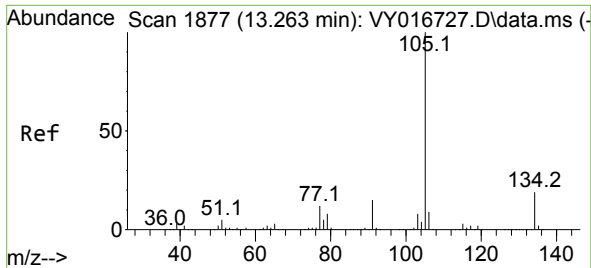
Tgt Ion:105 Resp: 266622

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3

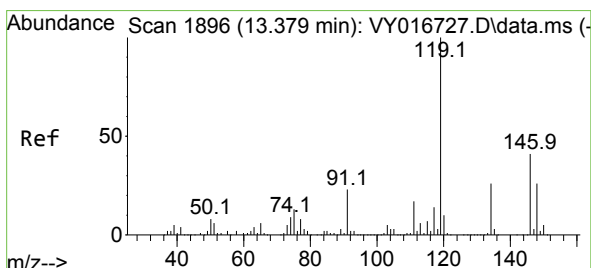
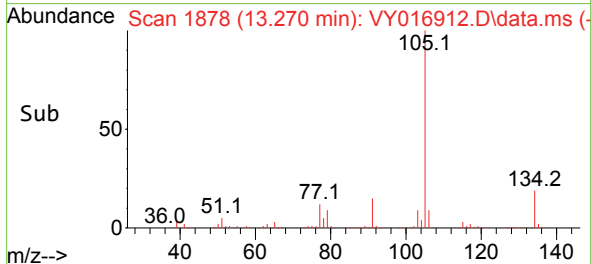
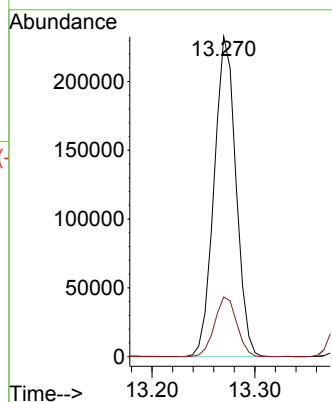
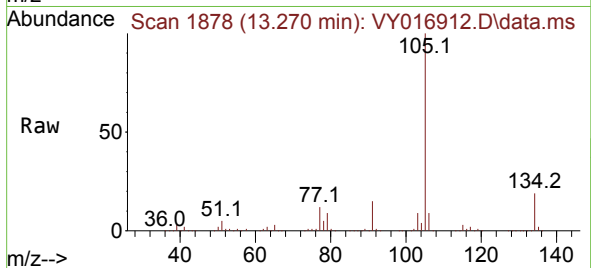




#85
 sec-Butylbenzene
 Concen: 49.254 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

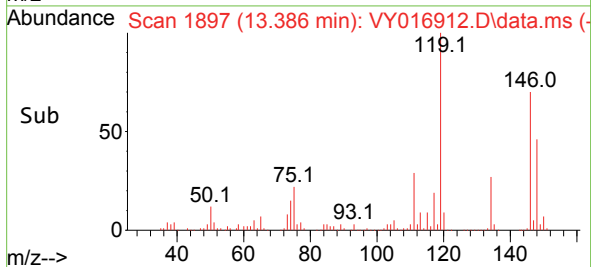
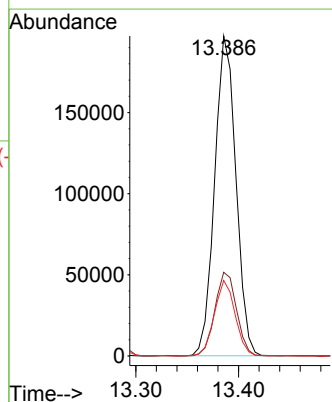
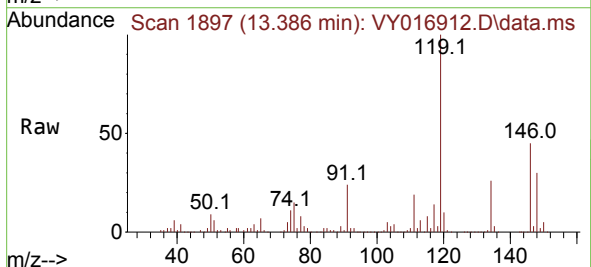
Instrument :
 MSVOA_Y
 ClientSampleId :

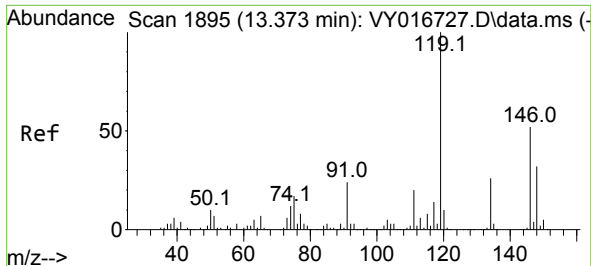
Tgt Ion:105 Resp: 343313
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.155 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.007 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

Tgt Ion:119 Resp: 282770
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 47.639 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

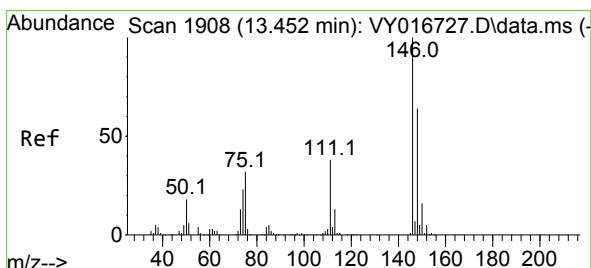
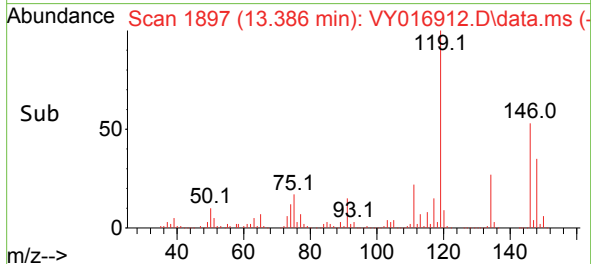
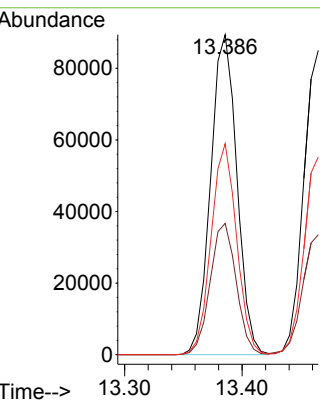
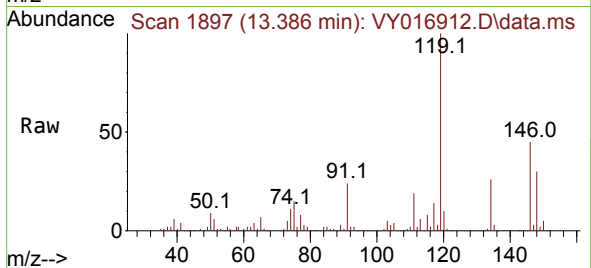
Tgt Ion:146 Resp: 138916

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.435 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

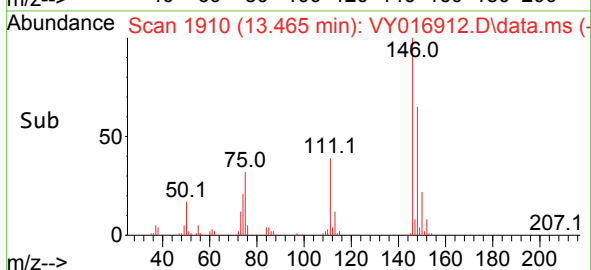
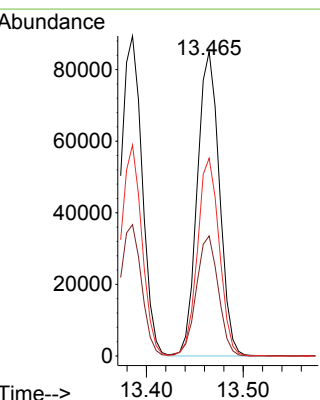
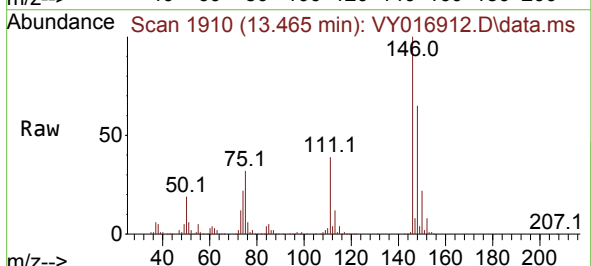
Tgt Ion:146 Resp: 135288

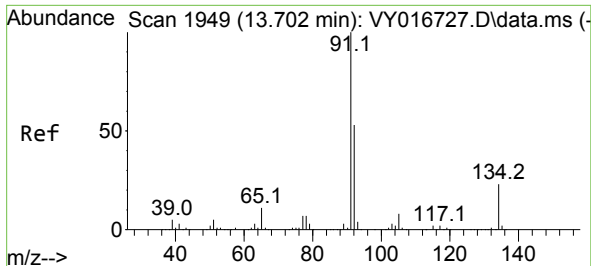
Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

148 64.1 31.6 94.7

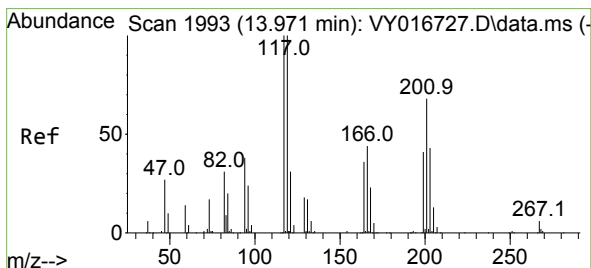
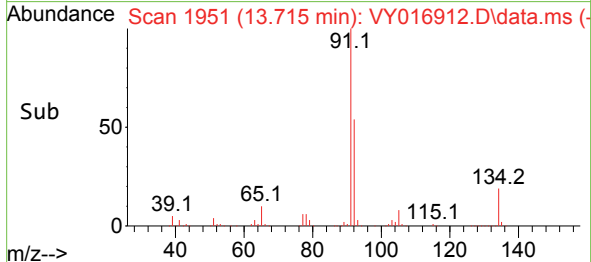
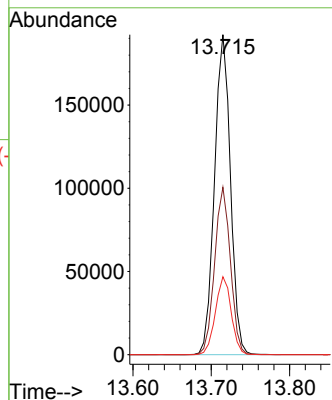
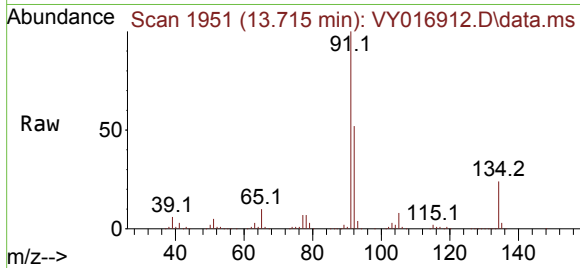




#89
n-Butylbenzene
Concen: 49.126 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

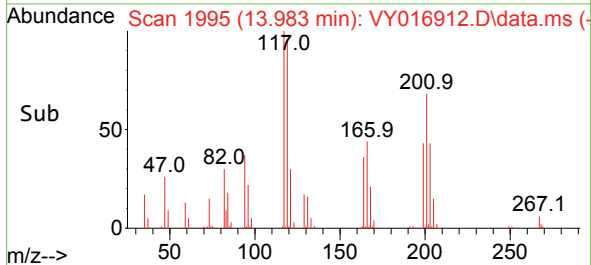
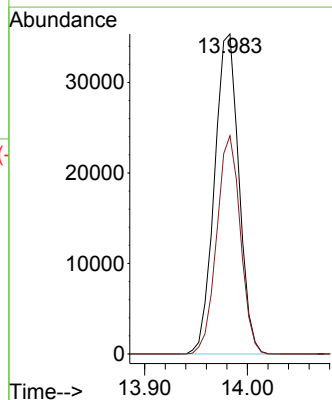
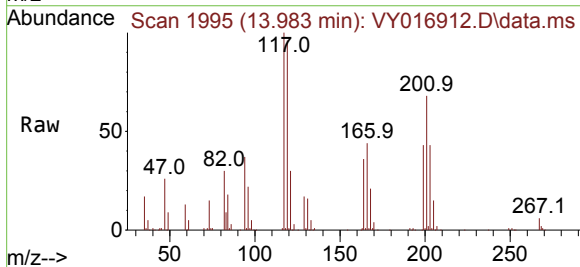
Instrument :
MSVOA_Y
ClientSampleId :

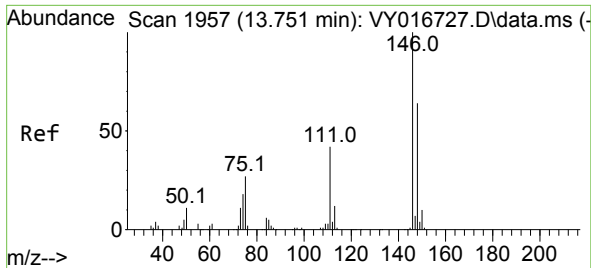
Tgt Ion: 91 Resp: 271715
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 47.098 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016912.D
Acq: 03 Jan 2024 16:20

Tgt Ion: 117 Resp: 58219
Ion Ratio Lower Upper
117 100
201 66.1 33.4 100.1

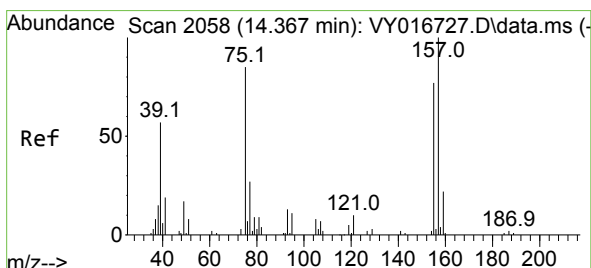
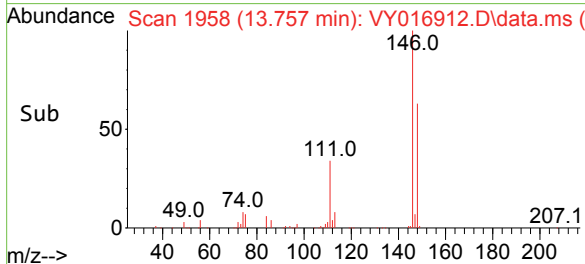
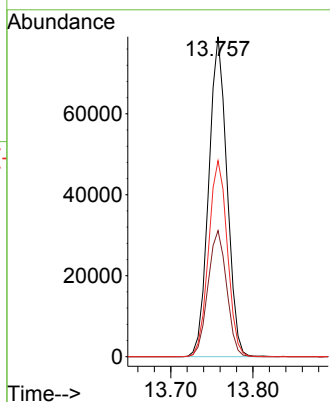
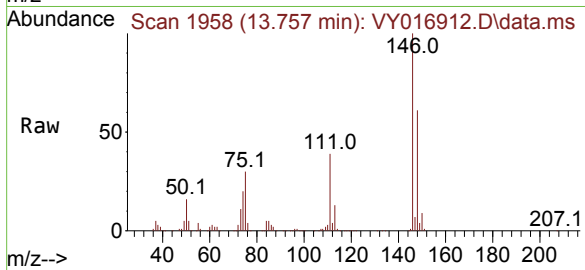




#91
 1,2-Dichlorobenzene
 Concen: 48.339 ug/l
 RT: 13.757 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

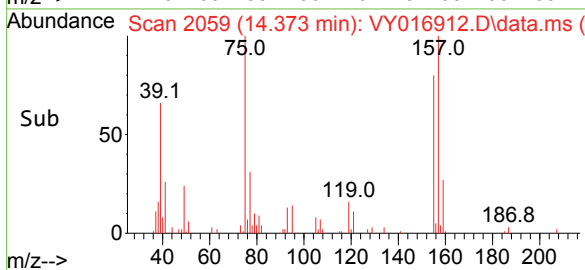
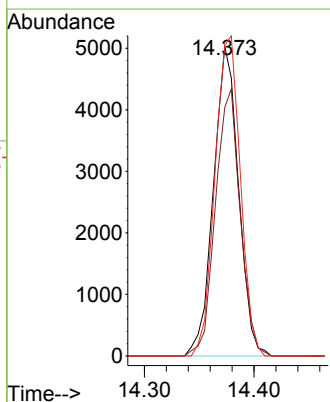
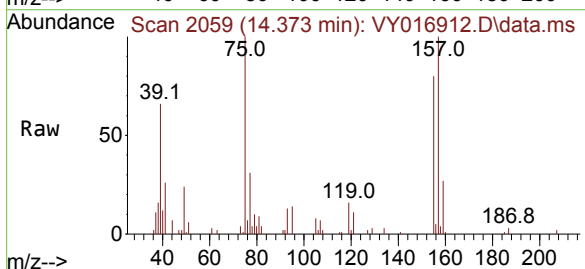
Instrument :
 MSVOA_Y
 ClientSampleId :

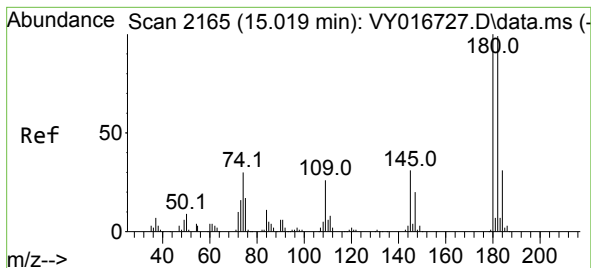
Tgt Ion:146 Resp: 121812
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.6
 148 63.0 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.301 ug/l
 RT: 14.373 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY016912.D
 Acq: 03 Jan 2024 16:20

Tgt Ion: 75 Resp: 7989
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.1 126.3
 157 104.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.010 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

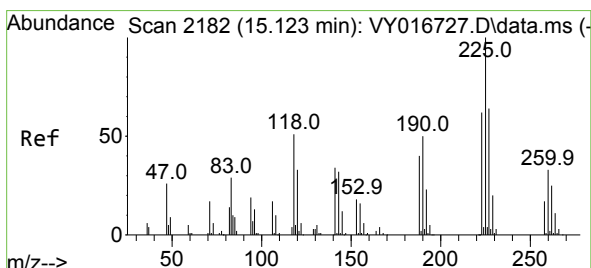
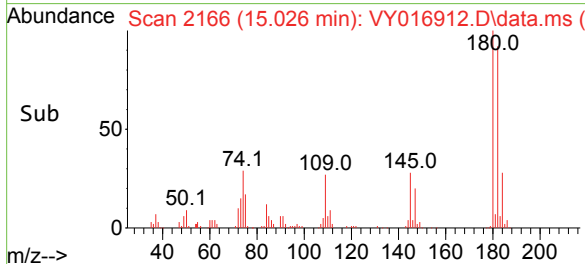
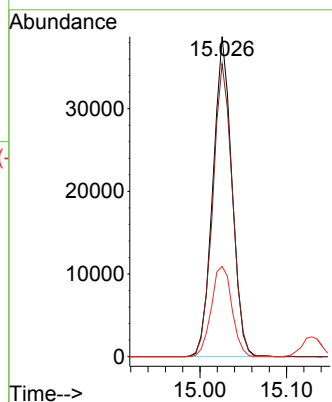
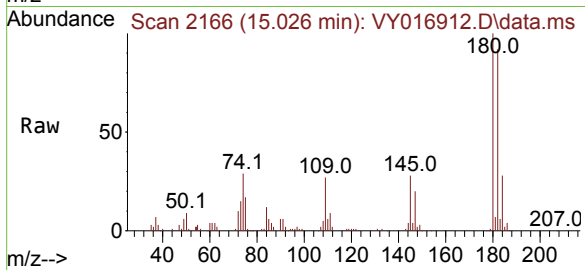
Tgt Ion:180 Resp: 58826

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 30.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 44.589 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

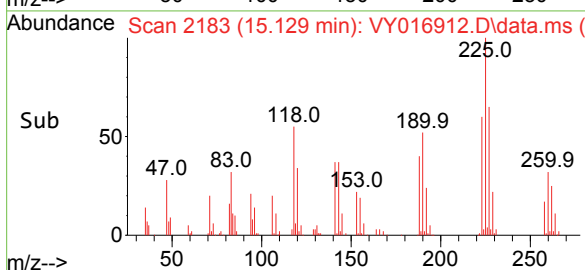
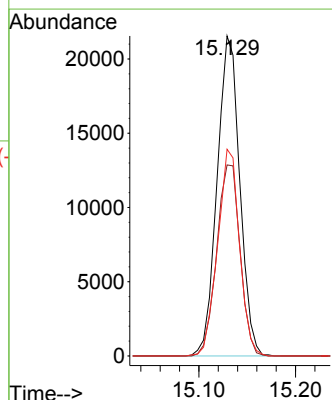
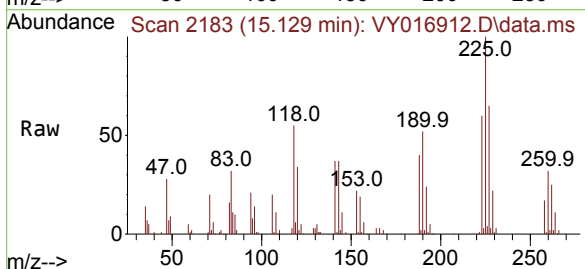
Tgt Ion:225 Resp: 34954

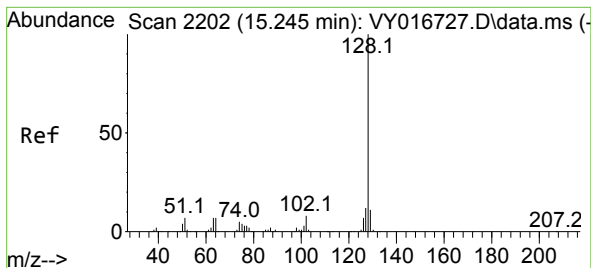
Ion Ratio Lower Upper

225 100

223 61.6 31.4 94.3

227 62.5 32.3 96.8





#95

Naphthalene

Concen: 47.218 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

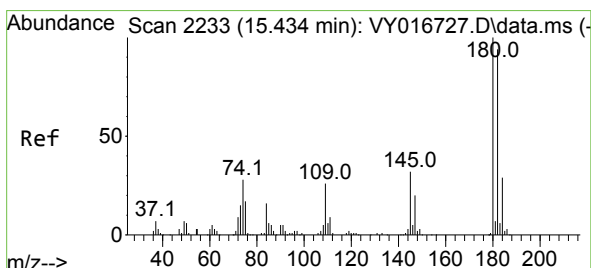
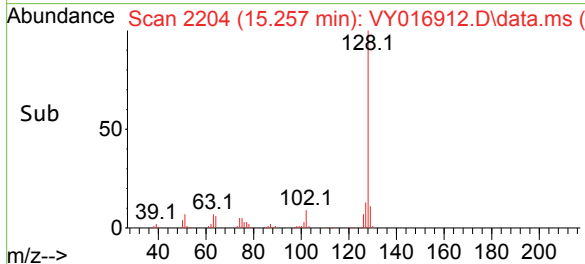
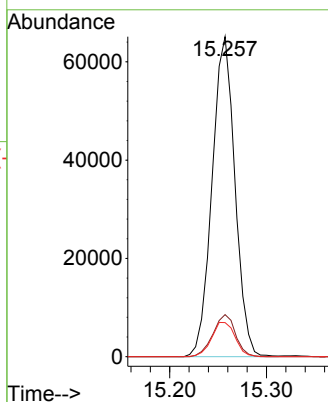
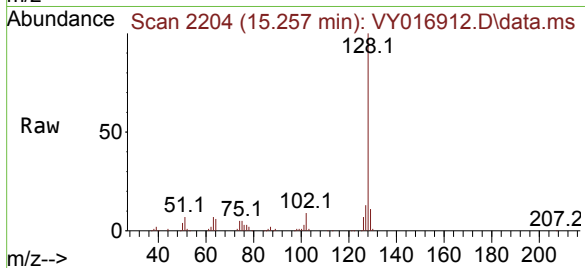
Tgt Ion:128 Resp: 106971

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.507 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016912.D

Acq: 03 Jan 2024 16:20

Tgt Ion:180 Resp: 49415

Ion Ratio Lower Upper

180 100

182 94.1 46.3 138.8

145 31.9 16.1 48.2

