

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016963.D
 Acq On : 10 Jan 2024 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:08:29 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	7.801	168	109367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	182503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	155969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55957	51.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.540%	
35) Dibromofluoromethane	7.728	113	63641	54.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.440%	
50) Toluene-d8	10.191	98	225721	56.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.495	95	74594	55.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	38561	46.605	ug/l	99
3) Chloromethane	2.119	50	70238	54.670	ug/l	100
4) Vinyl Chloride	2.260	62	86218	56.894	ug/l	98
5) Bromomethane	2.662	94	60345	55.584	ug/l	97
6) Chloroethane	2.802	64	59802	58.337	ug/l	99
7) Trichlorofluoromethane	3.137	101	103465	55.411	ug/l	99
8) Diethyl Ether	3.540	74	30481	51.080	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	65456	53.914	ug/l	100
10) Methyl Iodide	4.107	142	57476	55.647	ug/l	99
11) Tert butyl alcohol	4.966	59	18092	227.022	ug/l	100
12) 1,1-Dichloroethene	3.887	96	57530	55.228	ug/l	99
13) Acrolein	3.735	56	26937	227.819	ug/l	100
14) Allyl chloride	4.491	41	92803	56.354	ug/l	98
15) Acrylonitrile	5.174	53	69092	247.538	ug/l	100
16) Acetone	3.954	43	62405	232.560	ug/l	97
17) Carbon Disulfide	4.210	76	124390	49.976	ug/l	98
18) Methyl Acetate	4.491	43	63507	54.838	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	141798	52.323	ug/l	97
20) Methylene Chloride	4.729	84	67719	48.209	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	64811	54.324	ug/l	99
22) Diisopropyl ether	6.131	45	210924	55.402	ug/l	95
23) Vinyl Acetate	6.070	43	439623	251.834	ug/l	99
24) 1,1-Dichloroethane	6.033	63	129002	56.385	ug/l	98
25) 2-Butanone	7.003	43	88247	238.796	ug/l	100
26) 2,2-Dichloropropane	6.996	77	115625	58.288	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	79713	56.998	ug/l	98
28) Bromochloromethane	7.350	49	52848	61.529	ug/l	99
29) Tetrahydrofuran	7.362	42	52071	238.008	ug/l	99
30) Chloroform	7.521	83	134726	57.144	ug/l	97
31) Cyclohexane	7.801	56	95752	51.612	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	116257	58.155	ug/l	99
36) 1,1-Dichloropropene	7.929	75	94560	55.792	ug/l	100
37) Ethyl Acetate	7.088	43	35814	46.498	ug/l	99
38) Carbon Tetrachloride	7.911	117	98947	57.462	ug/l	99
39) Methylcyclohexane	9.197	83	104298	54.739	ug/l	98
40) Benzene	8.173	78	283115	55.685	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	23098	56.941	ug/l	96
42) 1,2-Dichloroethane	8.252	62	74544	55.228	ug/l	99
43) Isopropyl Acetate	8.283	43	72143	48.912	ug/l	98
44) Trichloroethene	8.953	130	72541	56.071	ug/l	94
45) 1,2-Dichloropropane	9.228	63	73017	55.746	ug/l	100
46) Dibromomethane	9.319	93	35502	53.145	ug/l	99
47) Bromodichloromethane	9.508	83	101387	56.520	ug/l	96
48) Methyl methacrylate	9.307	41	39676	49.844	ug/l	94
49) 1,4-Dioxane	9.307	88	6983	1009.572	ug/l	90
51) 4-Methyl-2-Pentanone	10.081	43	192307	245.162	ug/l	100
52) Toluene	10.258	92	177156	57.736	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	88018	54.779	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	109247	56.615	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	51123	52.384	ug/l	96
56) Ethyl methacrylate	10.520	69	43790	52.975	ug/l	100
57) 1,3-Dichloropropane	10.801	76	86678	53.197	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	119801	231.692	ug/l	99
59) 2-Hexanone	10.843	43	133229	230.666	ug/l	100
60) Dibromochloromethane	10.996	129	61220	54.396	ug/l	99
61) 1,2-Dibromoethane	11.099	107	45464	53.619	ug/l	99
64) Tetrachloroethene	10.734	164	55450	54.837	ug/l	96
65) Chlorobenzene	11.526	112	184707	56.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	69570	56.326	ug/l	99
67) Ethyl Benzene	11.605	91	345206	59.014	ug/l	99
68) m/p-Xylenes	11.715	106	260055	121.117	ug/l	99
69) o-Xylene	12.044	106	120990	60.108	ug/l	99
70) Styrene	12.057	104	178226	60.837	ug/l	99
71) Bromoform	12.221	173	32343	53.192	ug/l #	97
73) Isopropylbenzene	12.343	105	335282	59.063	ug/l	100
74) N-amyl acetate	12.154	43	57036	50.009	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	56694	49.016	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	68169	90.366	ug/l #	100
77) Bromobenzene	12.617	156	68763	55.018	ug/l	97
78) n-propylbenzene	12.684	91	408875	59.247	ug/l	99
79) 2-Chlorotoluene	12.770	91	220772	57.690	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	269146	59.950	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	16406	49.385	ug/l	98
82) 4-Chlorotoluene	12.867	91	227190	58.110	ug/l	100
83) tert-Butylbenzene	13.087	119	240398	60.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	265671	60.089	ug/l	99
85) sec-Butylbenzene	13.264	105	354184	60.449	ug/l	99
86) p-Isopropyltoluene	13.379	119	297368	61.495	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	139909	57.078	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	133653	55.748	ug/l	99
89) n-Butylbenzene	13.709	91	287021	61.734	ug/l	100
90) Hexachloroethane	13.971	117	58360	56.164	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	118390	55.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6642	45.794	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	60916	57.911	ug/l	98
94) Hexachlorobutadiene	15.123	225	37878	57.482	ug/l	99
95) Naphthalene	15.251	128	101989	52.817	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	50653	56.712	ug/l	99

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ClientSampleId :

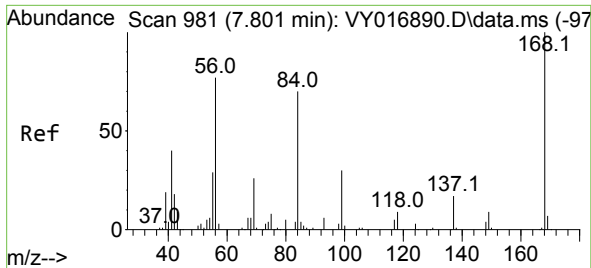
Quant Time: Jan 11 00:08:29 2024
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QLast Update : Tue Jan 02 14:25:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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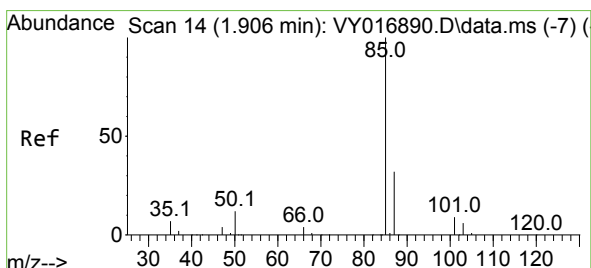
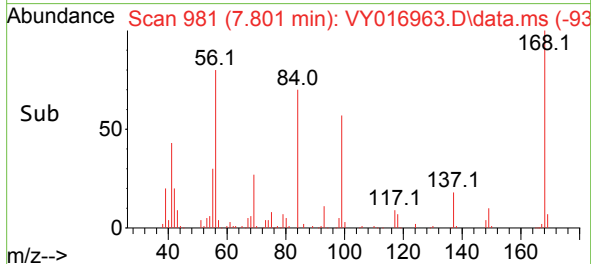
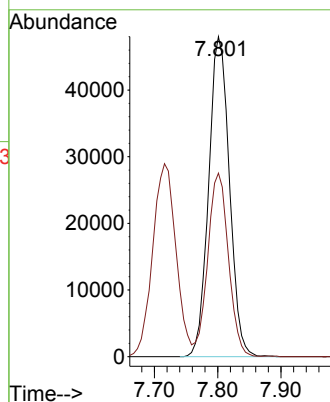
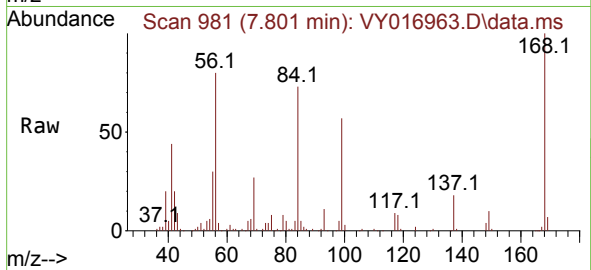




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016963.D
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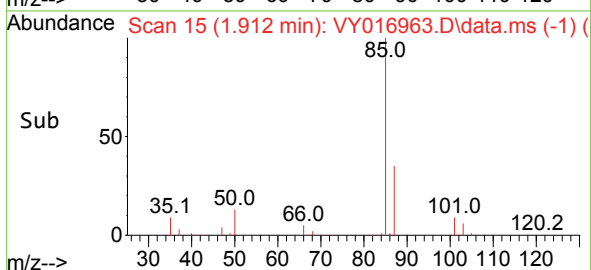
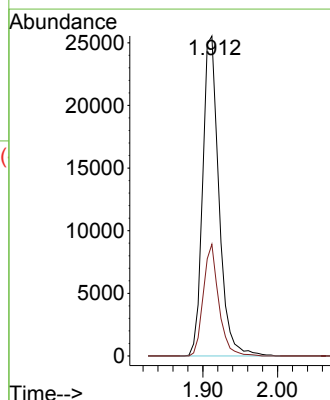
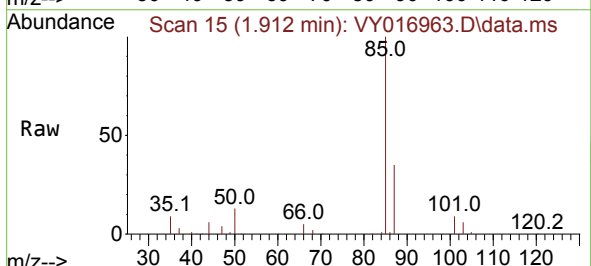
Instrument :
MSVOA_Y
ClientSampleId :

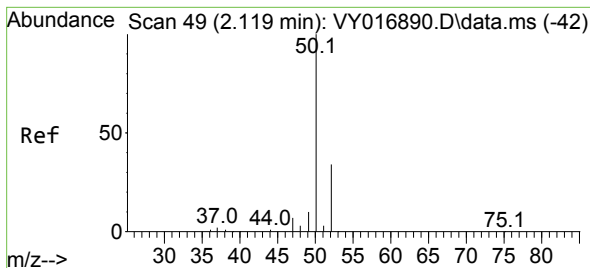
Tgt Ion:168 Resp: 109367
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 46.605 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 85 Resp: 38561
Ion Ratio Lower Upper
85 100
87 34.9 17.1 51.3





#3

Chloromethane

Concen: 54.670 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

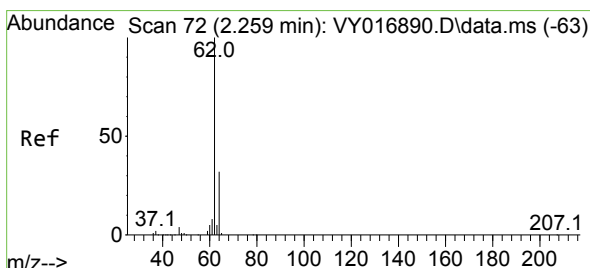
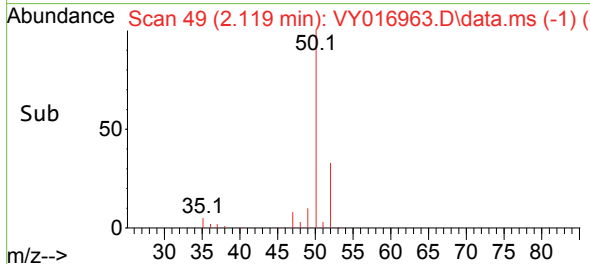
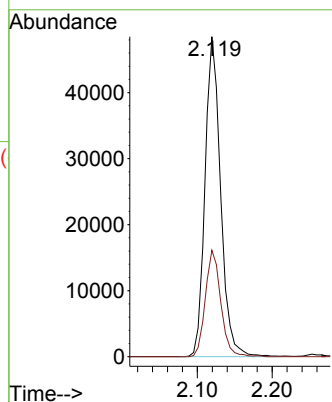
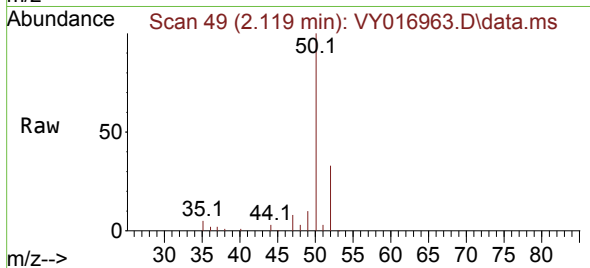
ClientSampleId :

Tgt Ion: 50 Resp: 70238

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 56.894 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.001 min

Lab File: VY016963.D

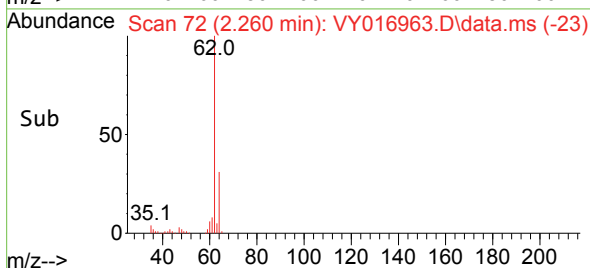
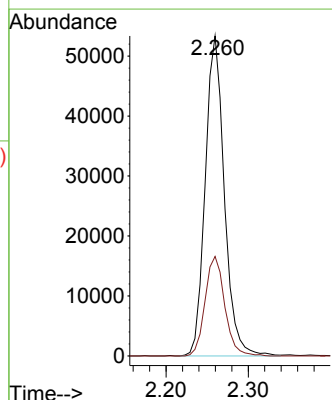
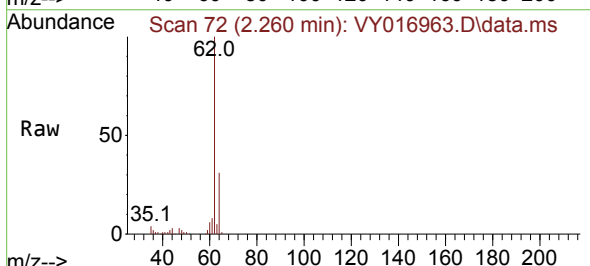
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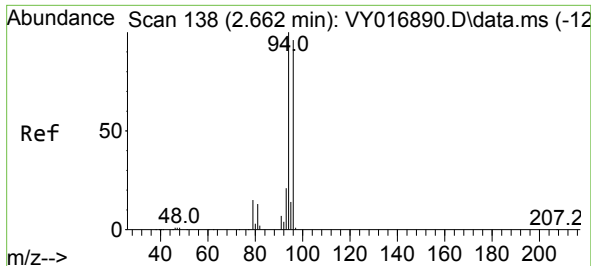
Tgt Ion: 62 Resp: 86218

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5

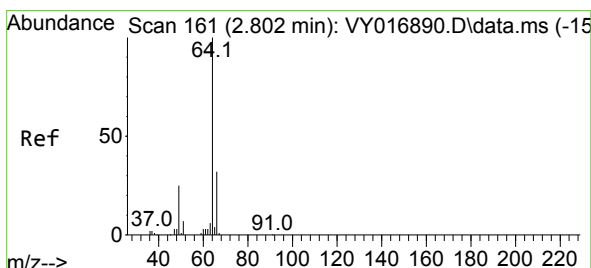
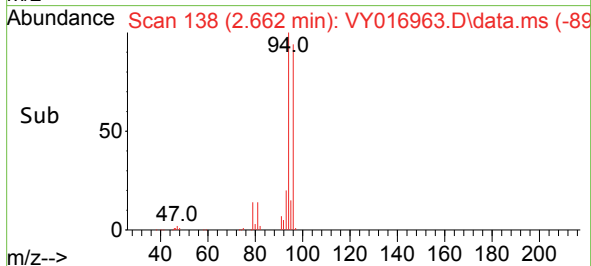
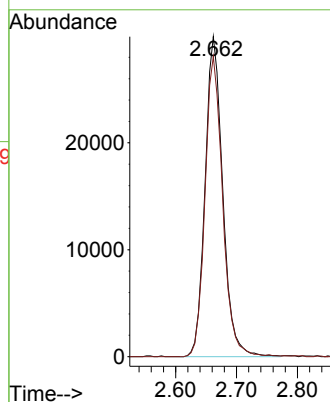
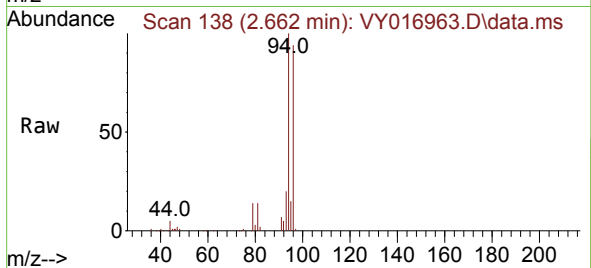




#5
Bromomethane
Concen: 55.584 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

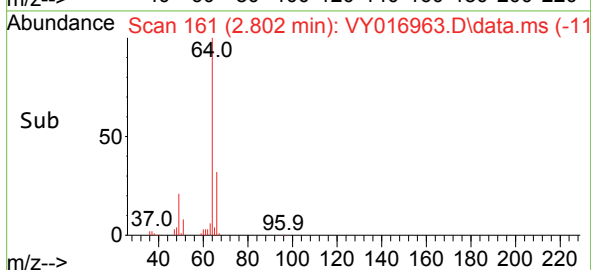
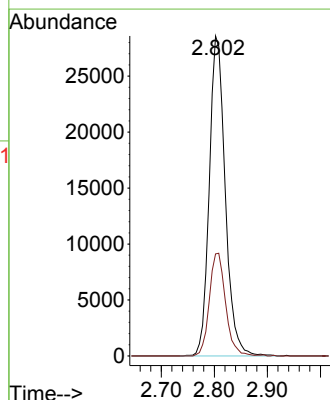
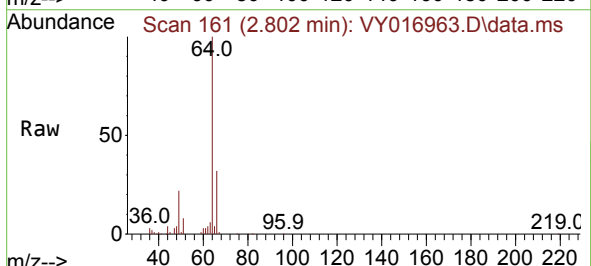
Instrument :
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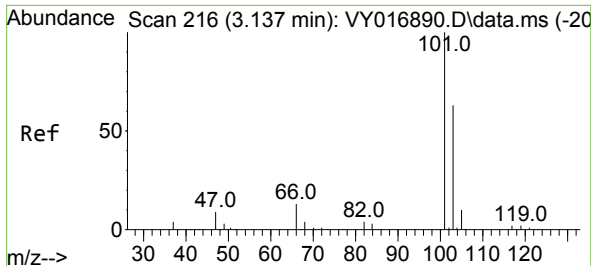
Tgt Ion: 94 Resp: 60345
Ion Ratio Lower Upper
94 100
96 93.8 77.3 115.9



#6
Chloroethane
Concen: 58.337 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

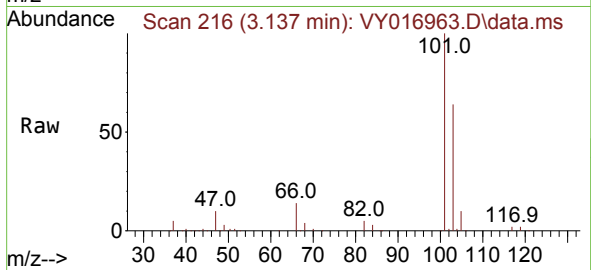
Tgt Ion: 64 Resp: 59802
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7



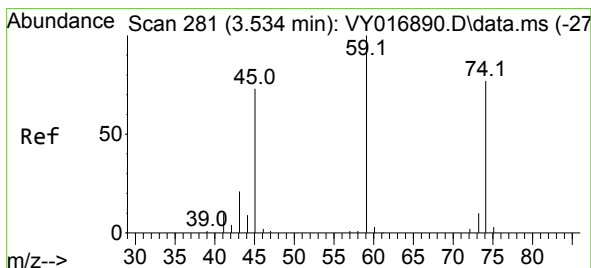
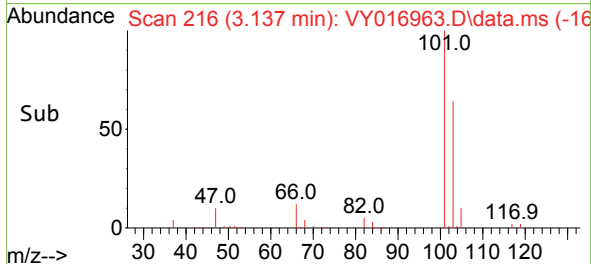
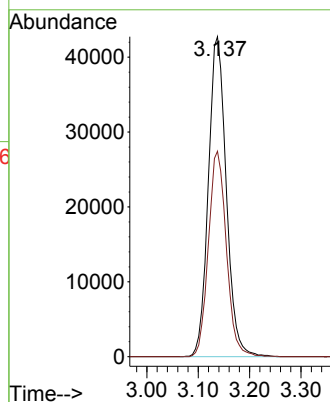


#7
Trichlorofluoromethane
Concen: 55.411 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Instrument :
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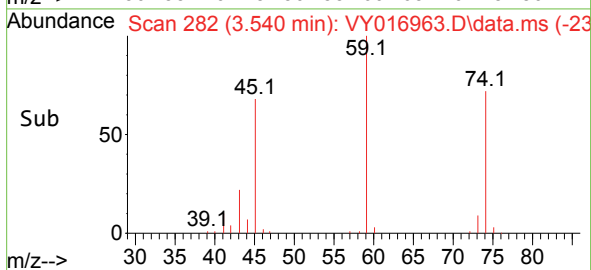
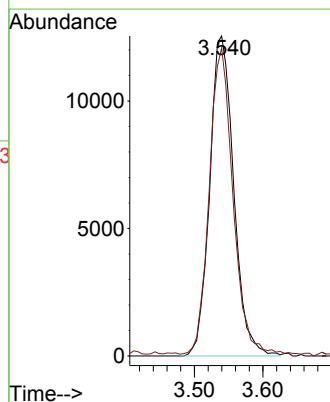
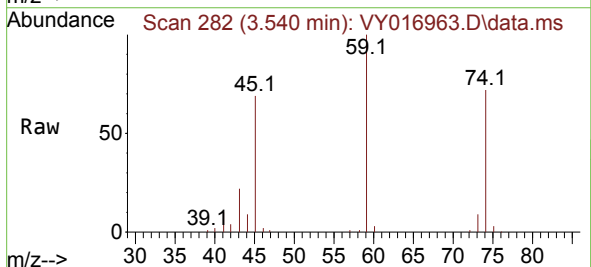


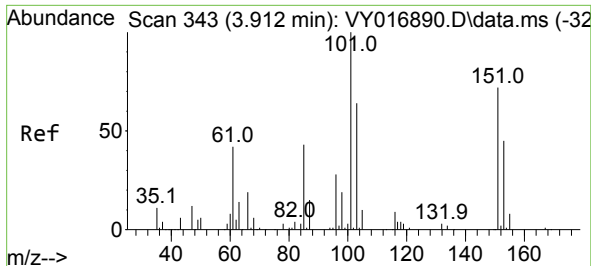
Tgt Ion:101 Resp: 103465
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9



#8
Diethyl Ether
Concen: 51.080 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

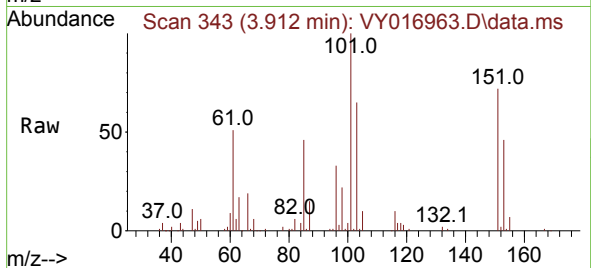
Tgt Ion: 74 Resp: 30481
Ion Ratio Lower Upper
74 100
45 94.4 47.9 143.7



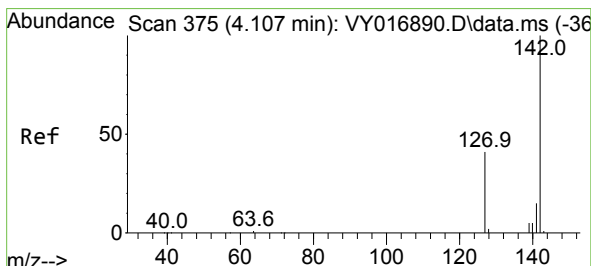
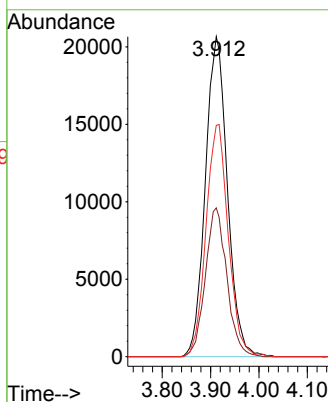
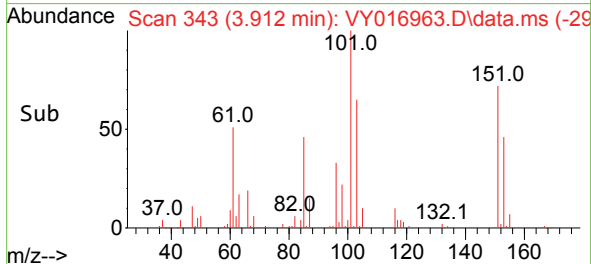


#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.914 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.001 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Instrument :
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ClientSampleId :

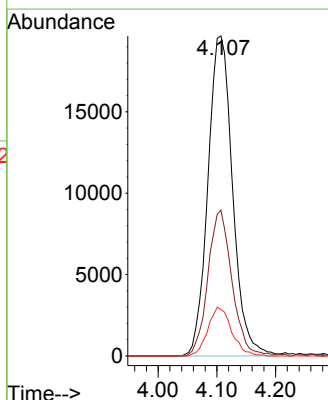
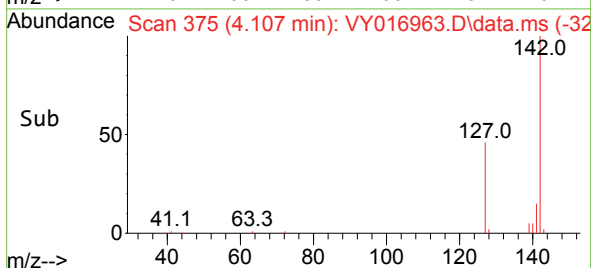
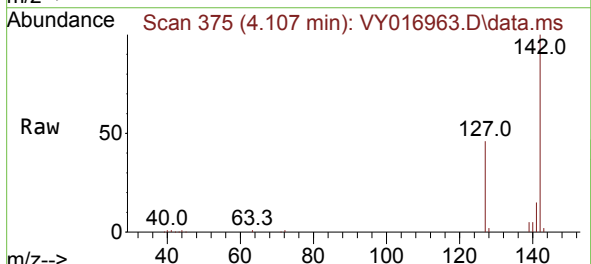


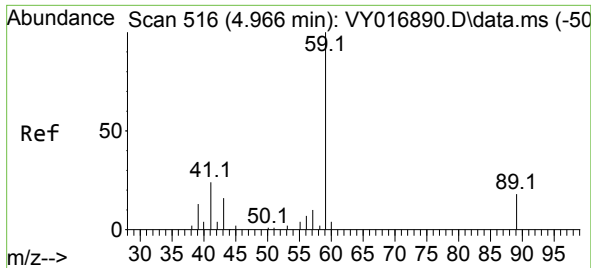
Tgt Ion:101 Resp: 65456
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 73.3 58.6 88.0



#10
Methyl Iodide
Concen: 55.647 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:142 Resp: 57476
Ion Ratio Lower Upper
142 100
127 44.5 35.1 52.7
141 14.7 11.8 17.6

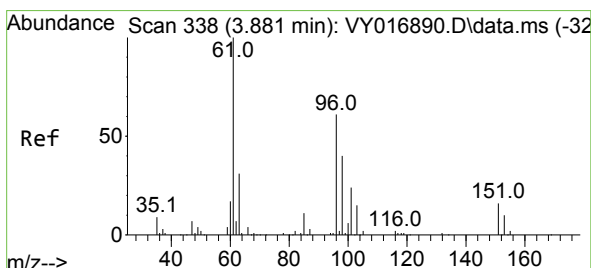
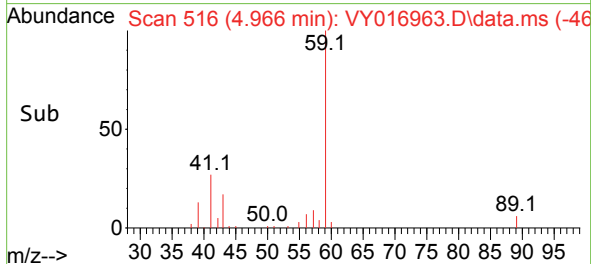
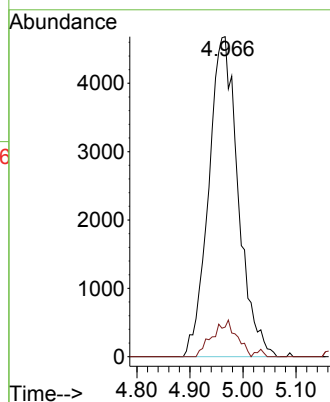
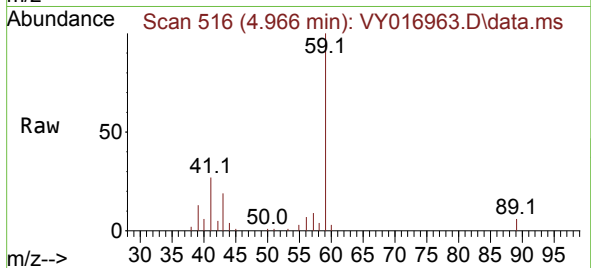




#11
Tert butyl alcohol
Concen: 227.022 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

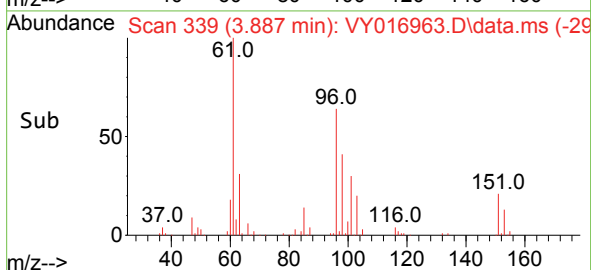
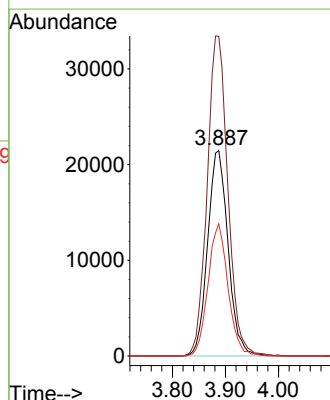
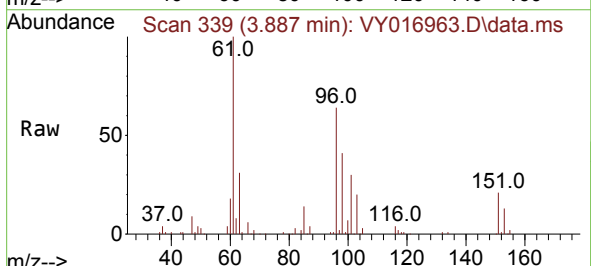
Instrument :
MSVOA_Y
ClientSampleId :

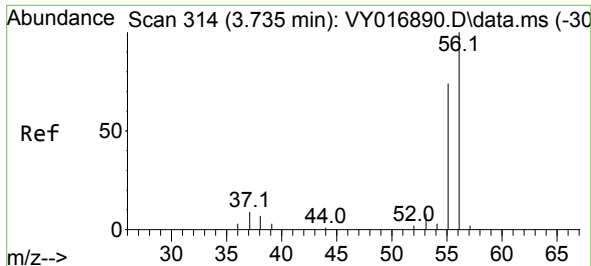
Tgt Ion: 59 Resp: 18092
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 55.228 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 96 Resp: 57530
Ion Ratio Lower Upper
96 100
61 155.5 124.2 186.2
98 64.2 52.6 79.0





#13

Acrolein

Concen: 227.819 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

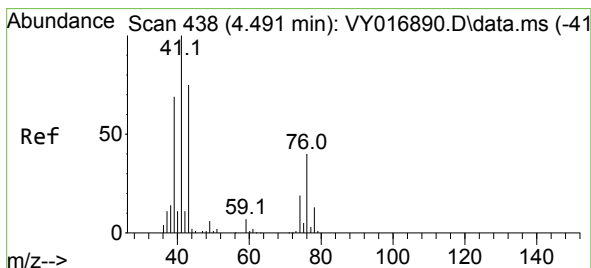
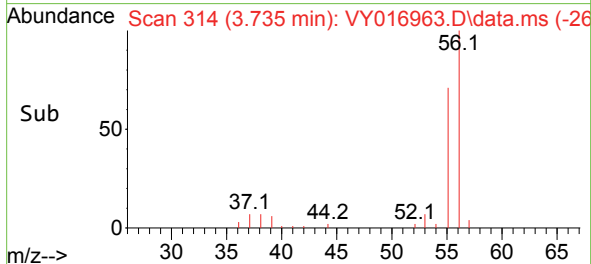
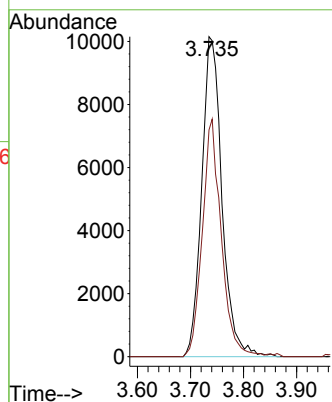
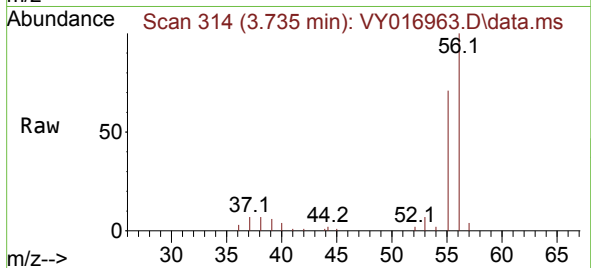
ClientSampleId :

Tgt Ion: 56 Resp: 26937

Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.0



#14

Allyl chloride

Concen: 56.354 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

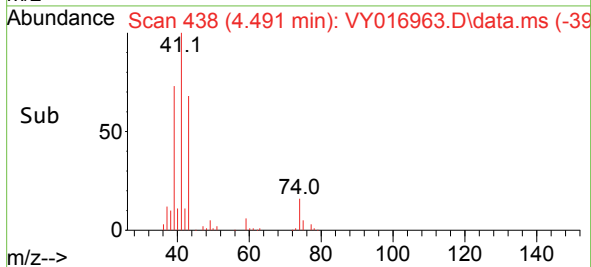
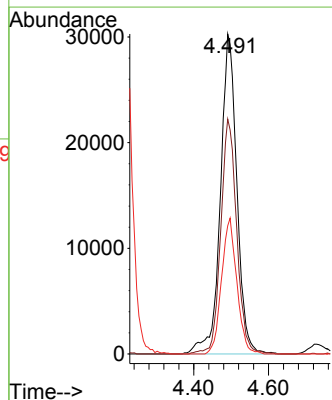
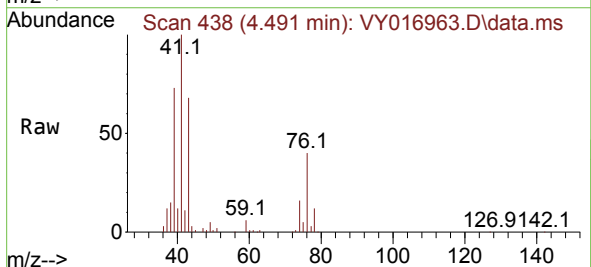
Tgt Ion: 41 Resp: 92803

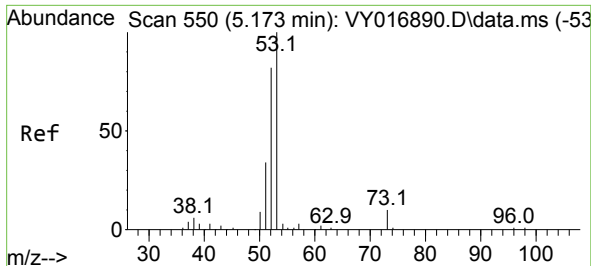
Ion Ratio Lower Upper

41 100

39 71.0 54.7 82.1

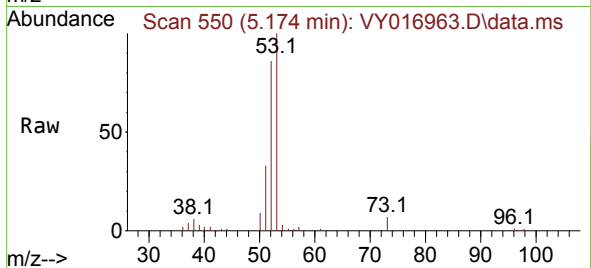
76 39.4 31.8 47.6



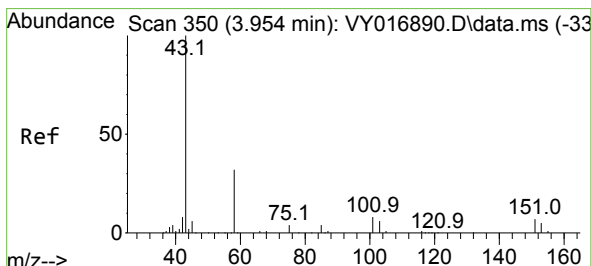
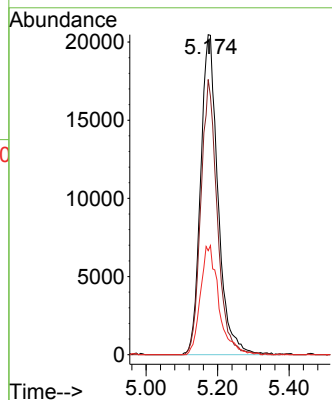
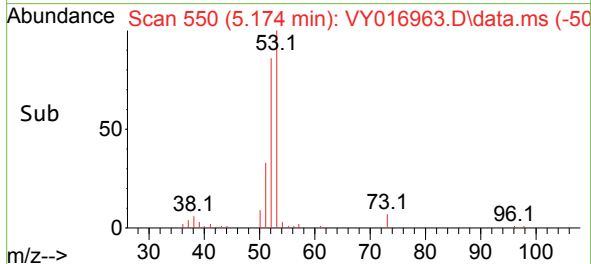


#15
Acrylonitrile
Concen: 247.538 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :

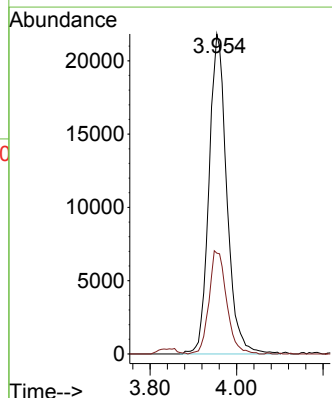
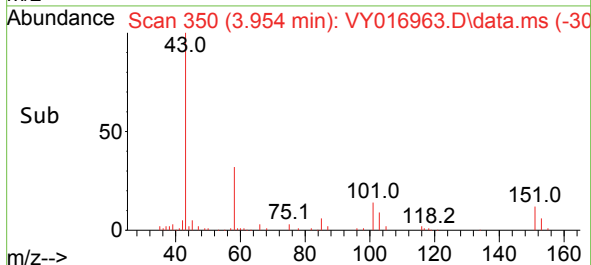
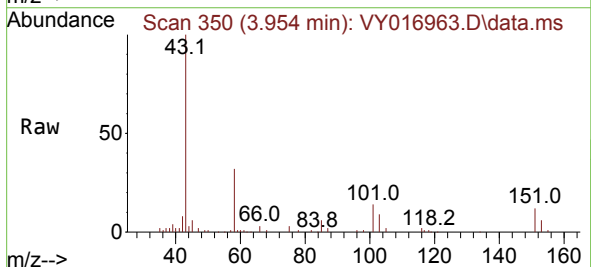


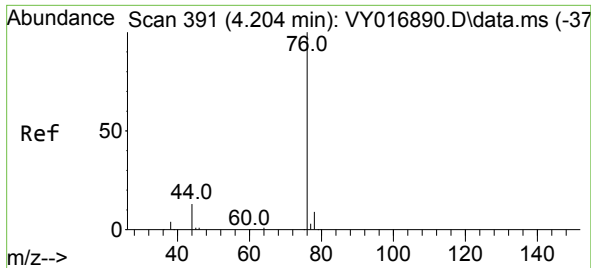
Tgt Ion: 53 Resp: 69092
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 36.3 29.0 43.4



#16
Acetone
Concen: 232.560 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 43 Resp: 62405
Ion Ratio Lower Upper
43 100
58 31.3 26.6 39.8





#17

Carbon Disulfide

Concen: 49.976 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

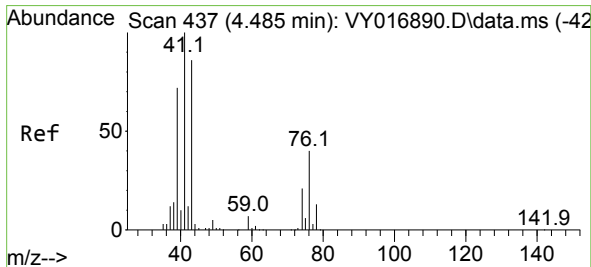
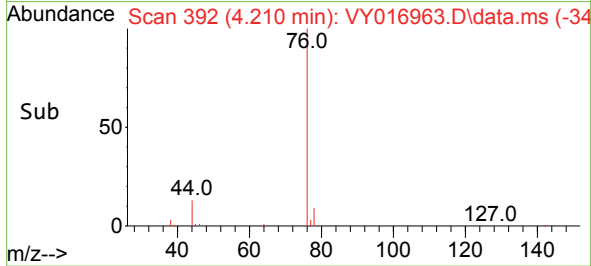
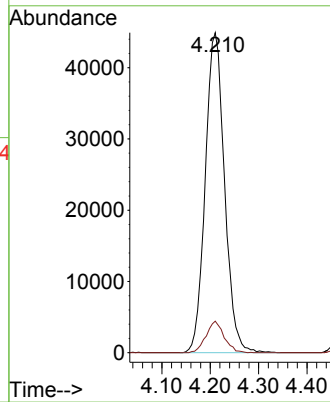
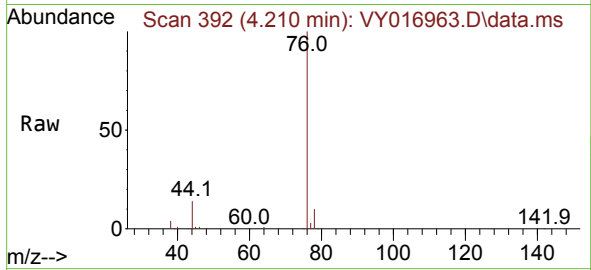
ClientSampleId :

Tgt Ion: 76 Resp: 124390

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



#18

Methyl Acetate

Concen: 54.838 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016963.D

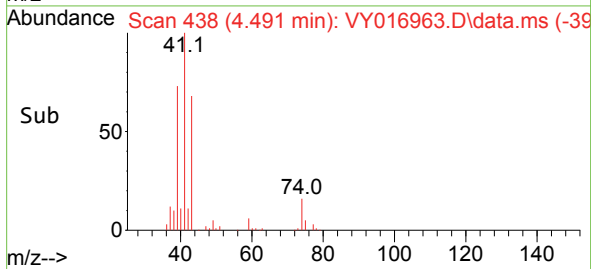
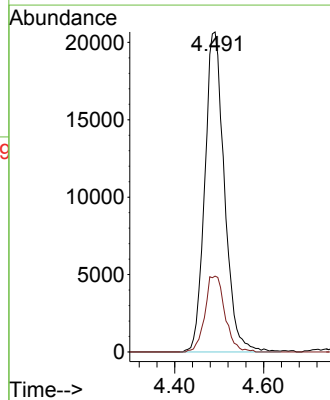
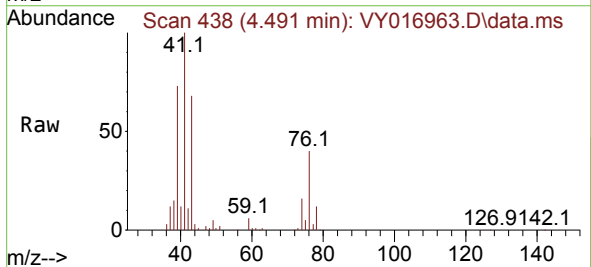
Acq: 10 Jan 2024 10:16

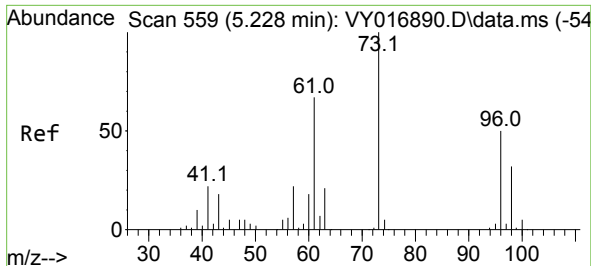
Tgt Ion: 43 Resp: 63507

Ion Ratio Lower Upper

43 100

74 24.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 52.323 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.001 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

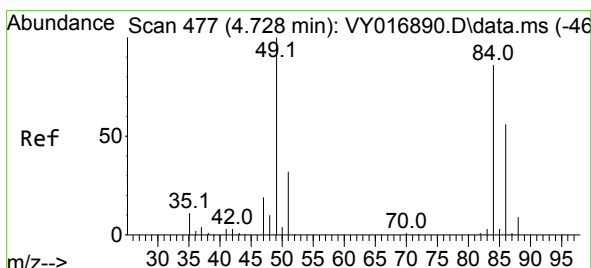
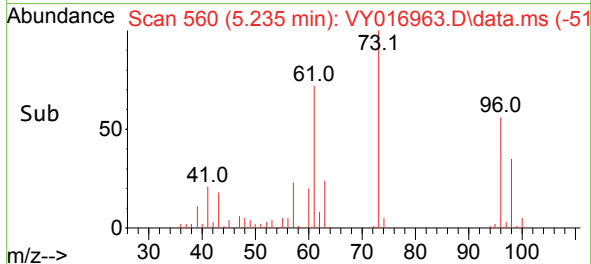
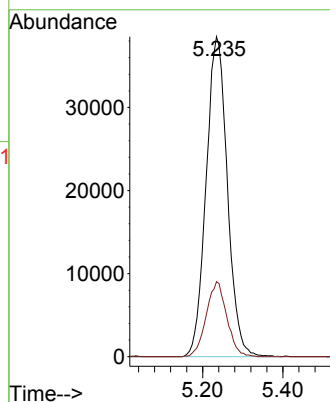
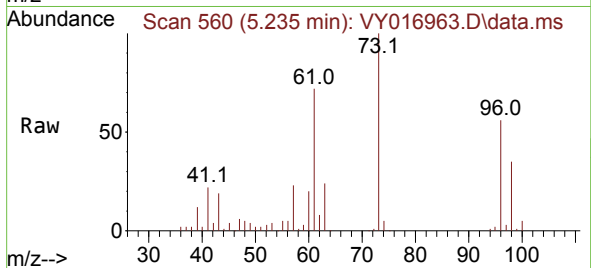
ClientSampleId :

Tgt Ion: 73 Resp: 141798

Ion Ratio Lower Upper

73 100

57 23.4 17.7 26.5



#20

Methylene Chloride

Concen: 48.209 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.005 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Tgt Ion: 84 Resp: 67719

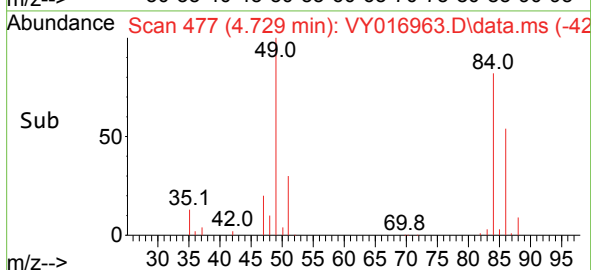
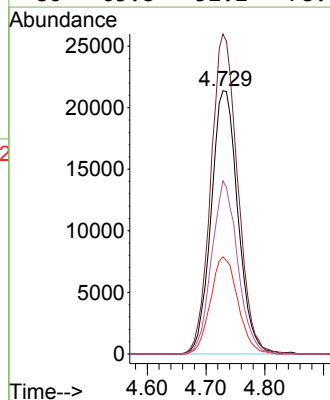
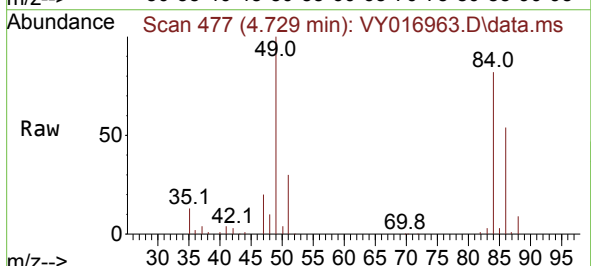
Ion Ratio Lower Upper

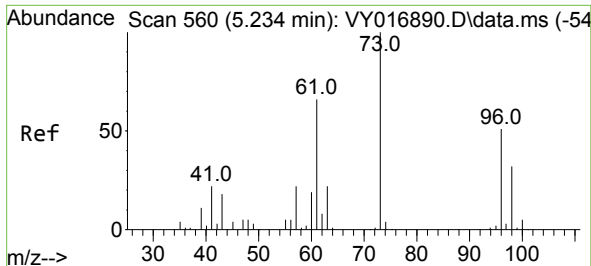
84 100

49 121.6 95.2 142.8

51 36.9 29.9 44.9

86 65.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 54.324 ug/l

RT: 5.235 min Scan# 5

Delta R.T. -0.005 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

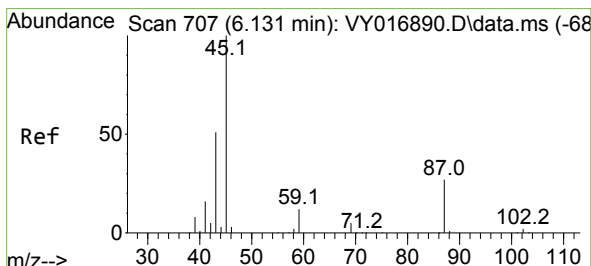
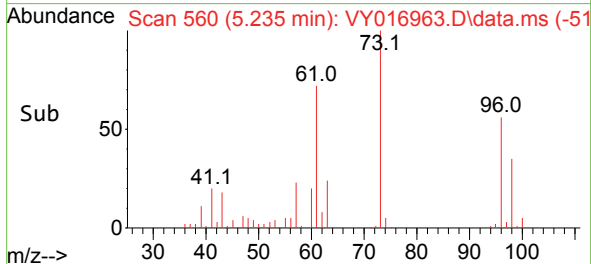
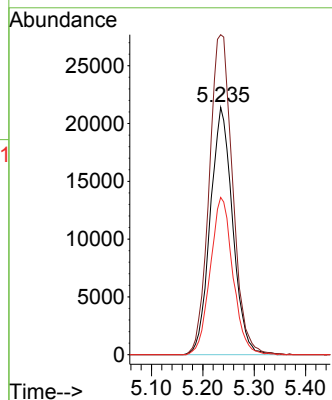
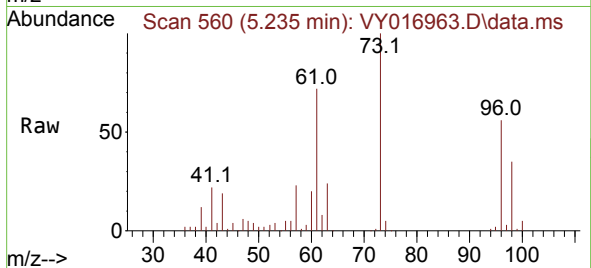
Tgt Ion: 96 Resp: 64811

Ion Ratio Lower Upper

96 100

61 129.3 104.6 156.8

98 63.6 50.9 76.3



#22

Diisopropyl ether

Concen: 55.402 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Tgt Ion: 45 Resp: 210924

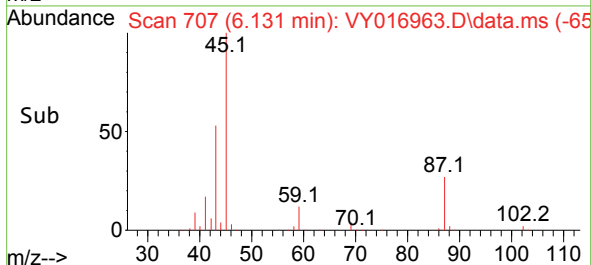
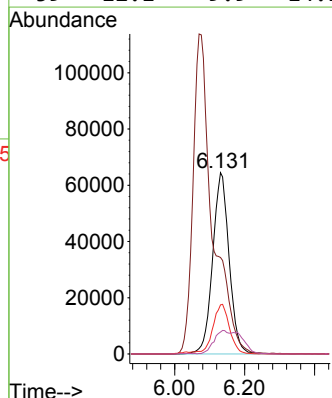
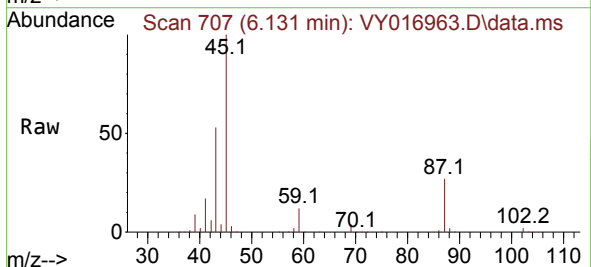
Ion Ratio Lower Upper

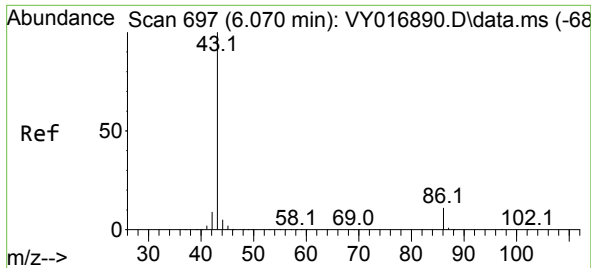
45 100

43 52.9 46.8 70.2

87 27.1 22.2 33.2

59 12.1 9.9 14.9

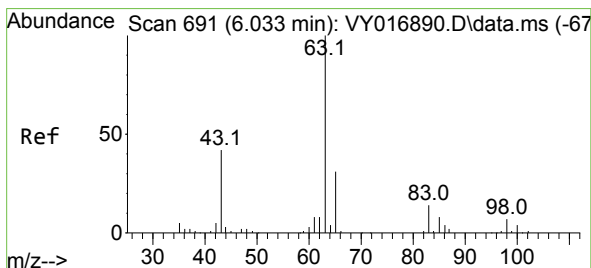
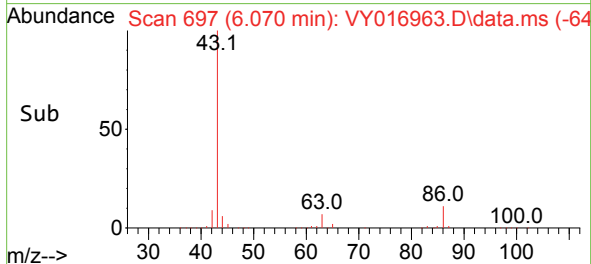
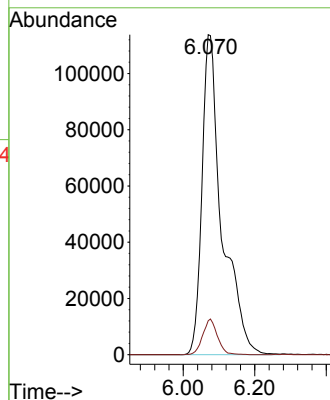
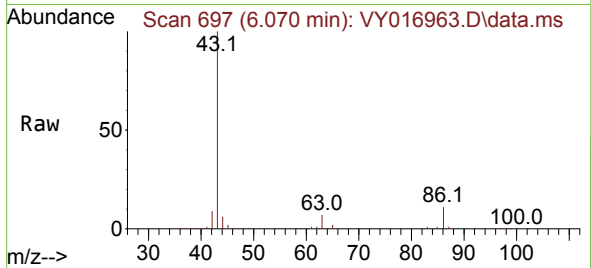




#23
 Vinyl Acetate
 Concen: 251.834 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016963.D
 Acq: 10 Jan 2024 10:16

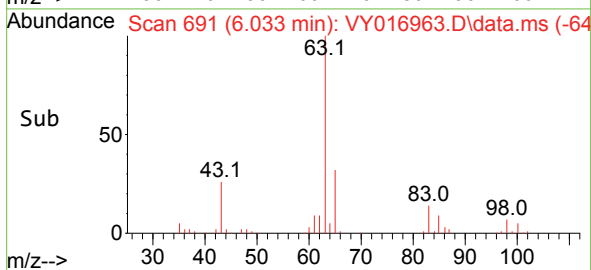
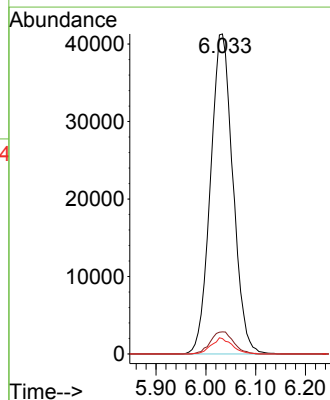
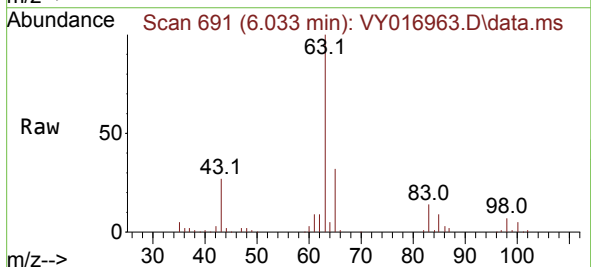
Instrument :
 MSVOA_Y
 ClientSampleId :

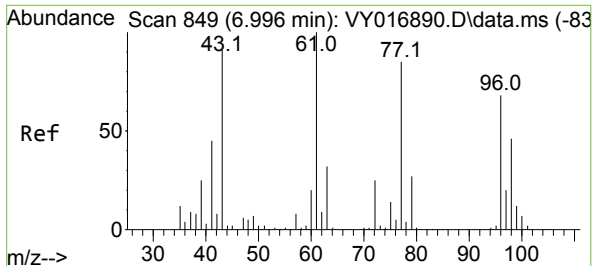
Tgt Ion: 43 Resp: 439623
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 56.385 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016963.D
 Acq: 10 Jan 2024 10:16

Tgt Ion: 63 Resp: 129002
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 238.796 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

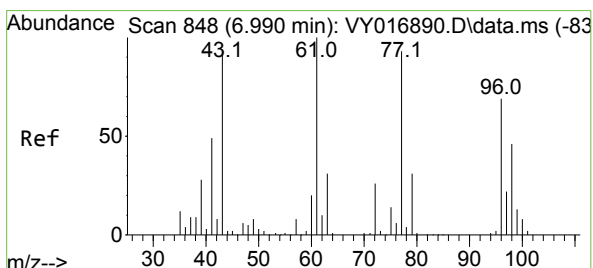
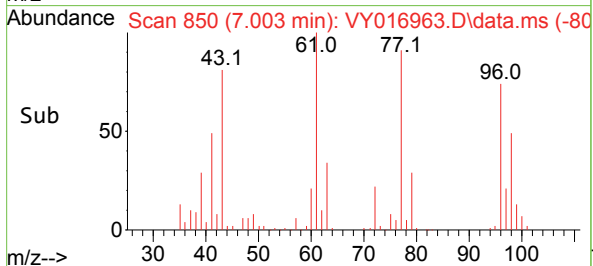
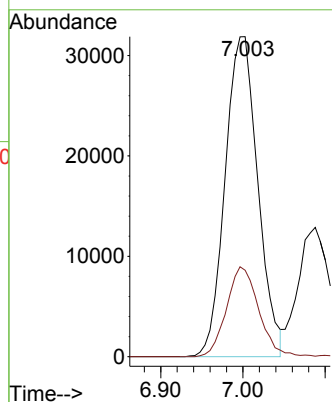
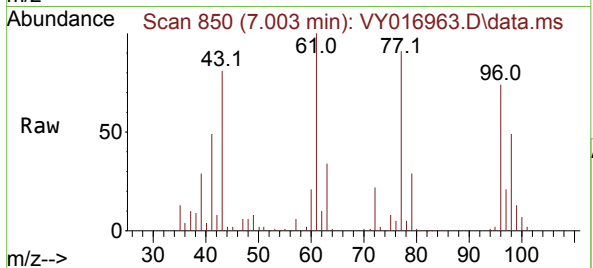
ClientSampleId :

Tgt Ion: 43 Resp: 88247

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 58.288 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016963.D

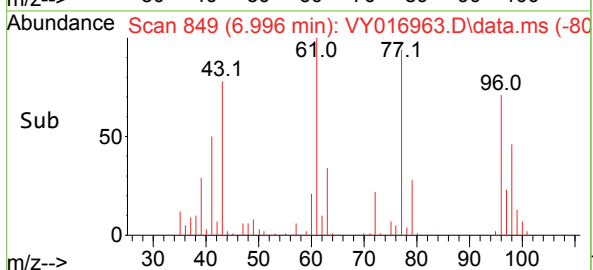
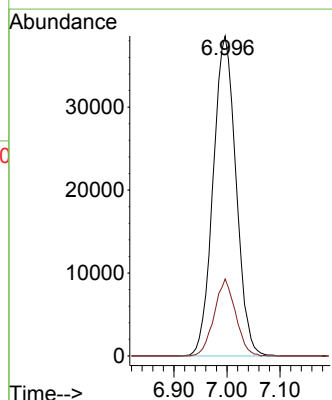
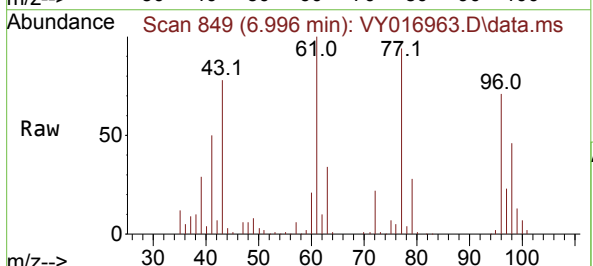
Acq: 10 Jan 2024 10:16

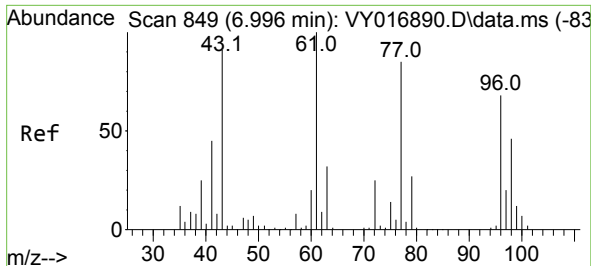
Tgt Ion: 77 Resp: 115625

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 56.998 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.001 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

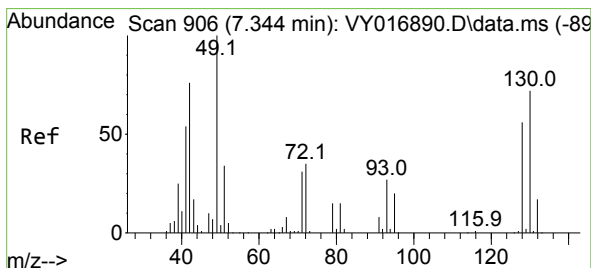
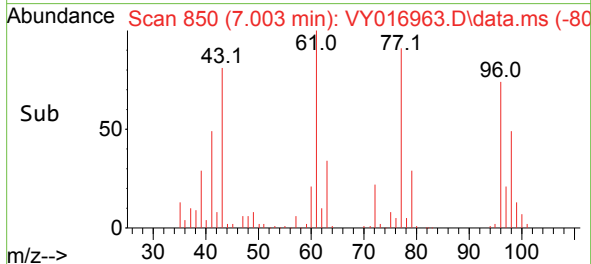
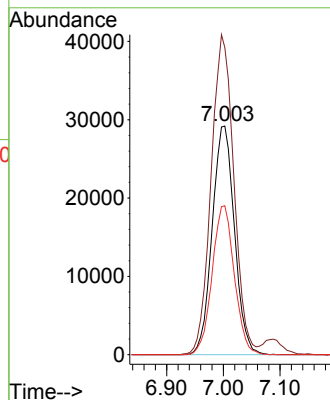
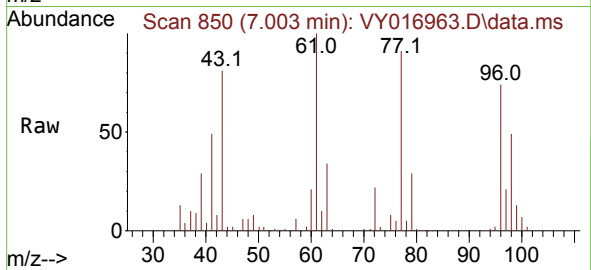
Tgt Ion: 96 Resp: 79713

Ion Ratio Lower Upper

96 100

61 142.7 0.0 278.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 61.529 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

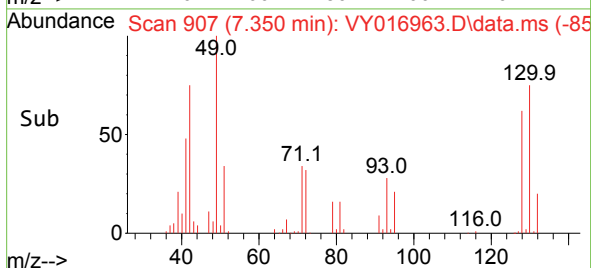
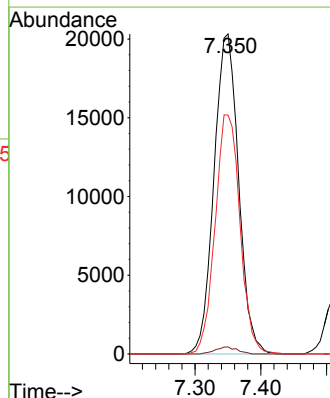
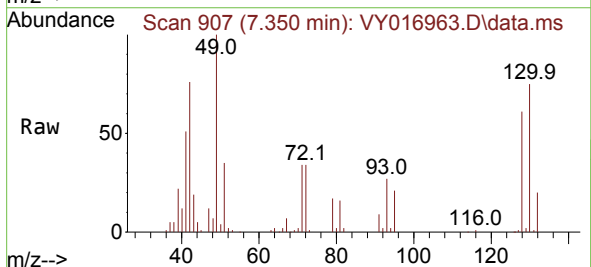
Tgt Ion: 49 Resp: 52848

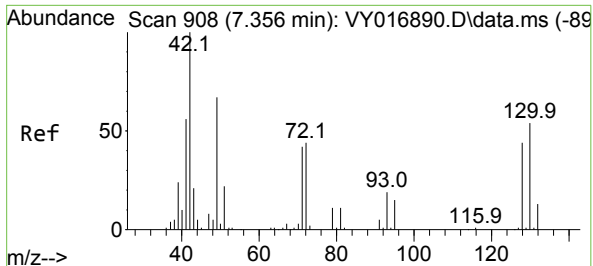
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 238.008 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

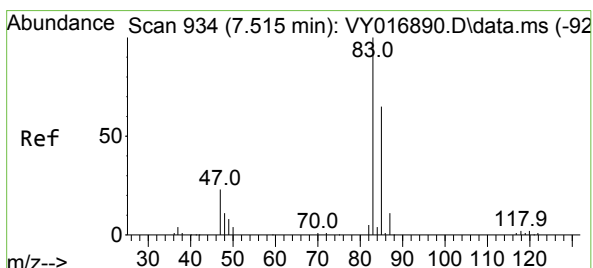
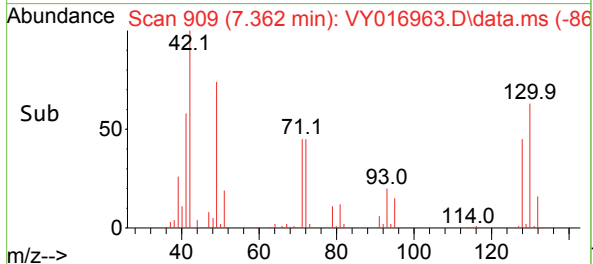
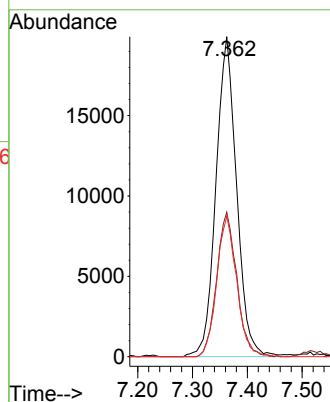
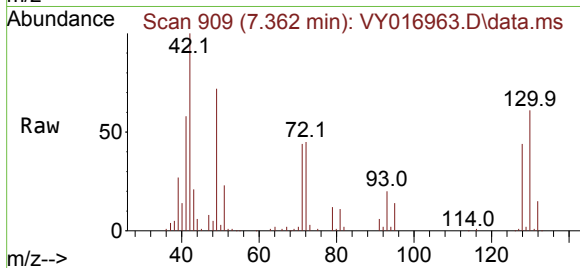
Tgt Ion: 42 Resp: 52071

Ion Ratio Lower Upper

42 100

72 44.0 36.6 54.8

71 42.4 33.8 50.6



#30

Chloroform

Concen: 57.144 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016963.D

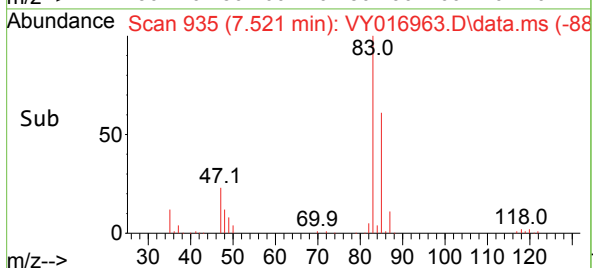
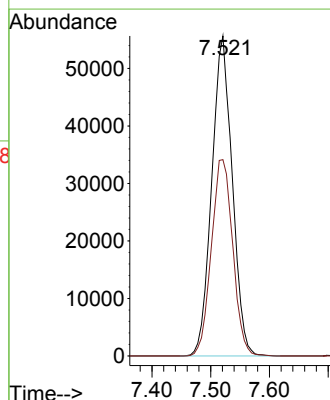
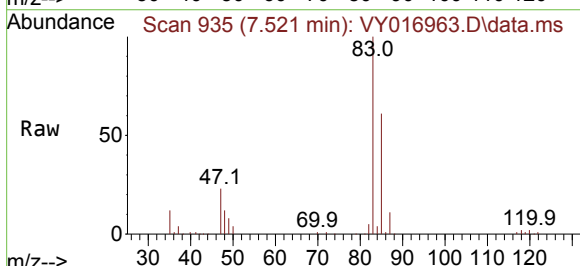
Acq: 10 Jan 2024 10:16

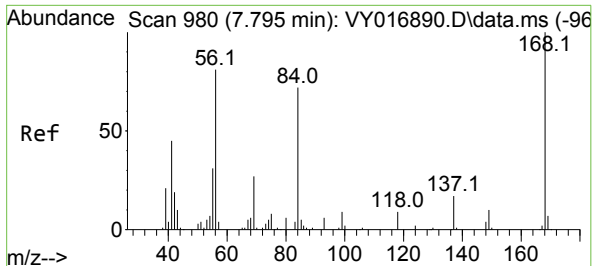
Tgt Ion: 83 Resp: 134726

Ion Ratio Lower Upper

83 100

85 61.3 51.2 76.8

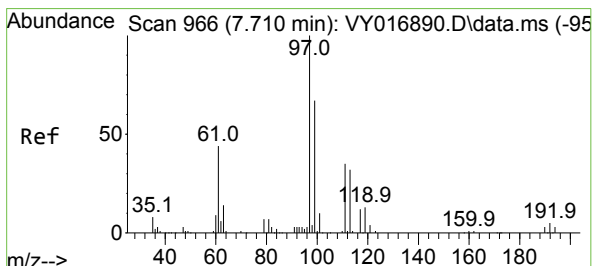
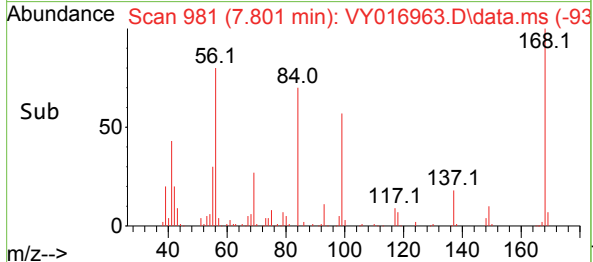
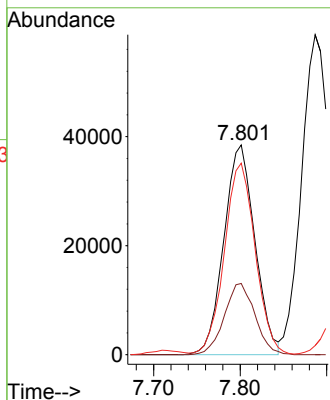
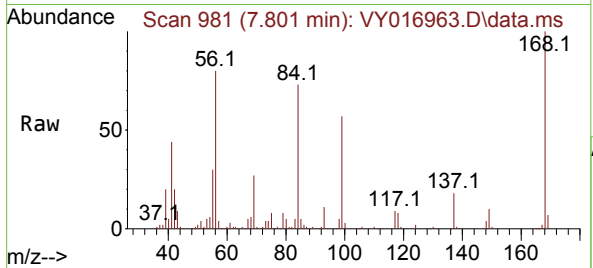




#31
Cyclohexane
Concen: 51.612 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

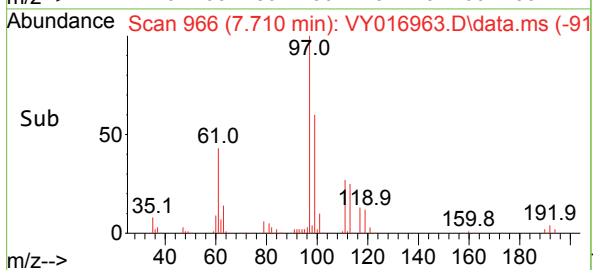
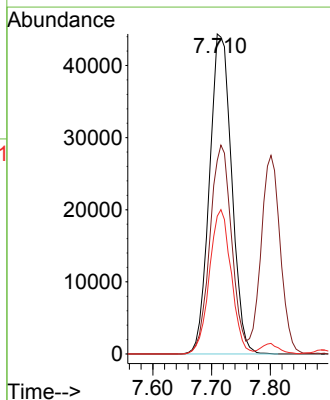
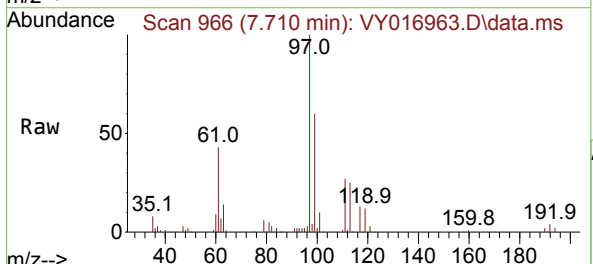
Instrument :
MSVOA_Y
ClientSampleId :

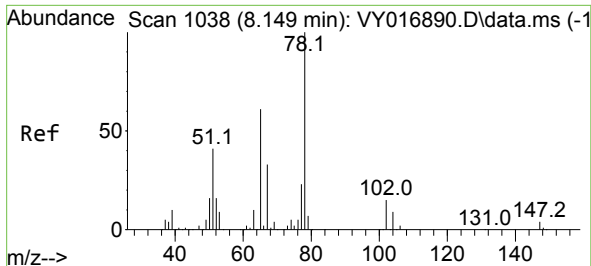
Tgt Ion: 56 Resp: 95752
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 58.155 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 97 Resp: 116257
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.767 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

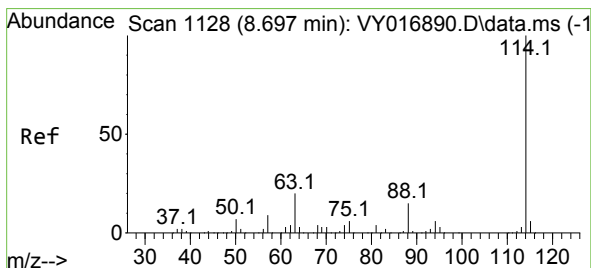
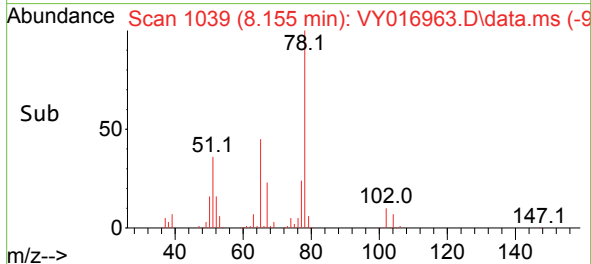
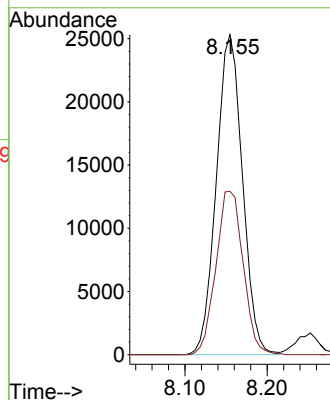
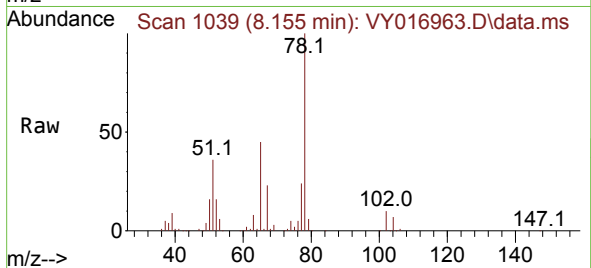
ClientSampleId :

Tgt Ion: 65 Resp: 55957

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

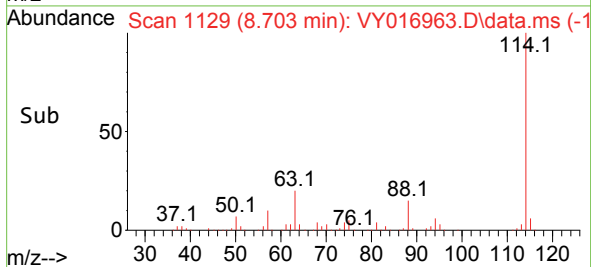
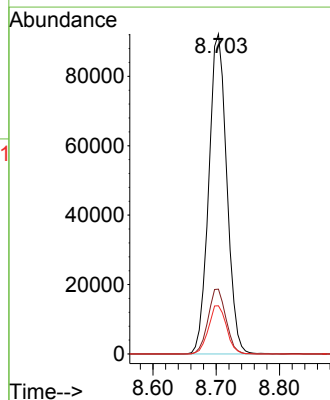
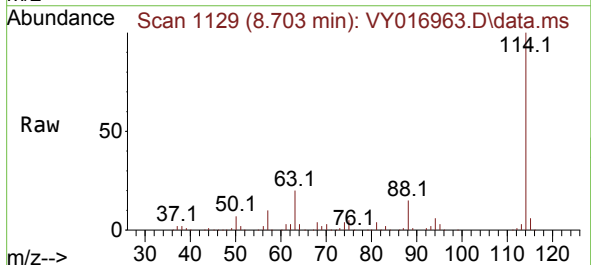
Tgt Ion: 114 Resp: 182503

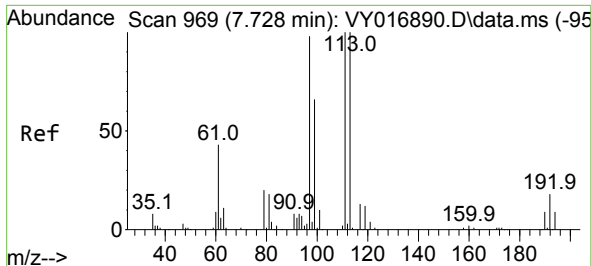
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.0 0.0 29.0

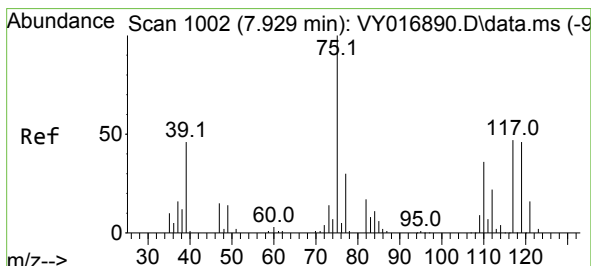
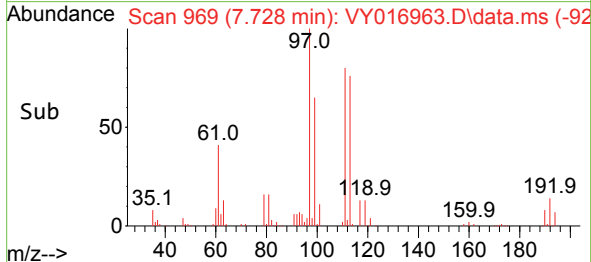
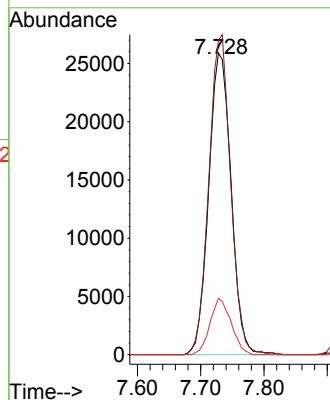
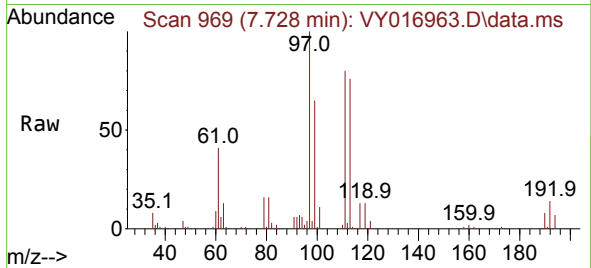




#35
Dibromofluoromethane
Concen: 54.723 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

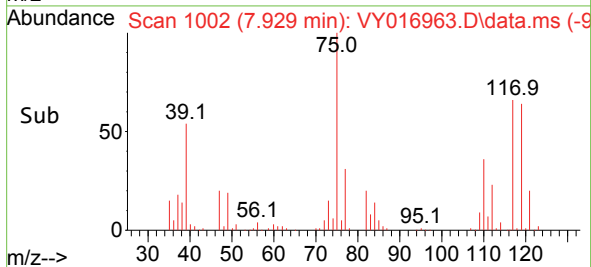
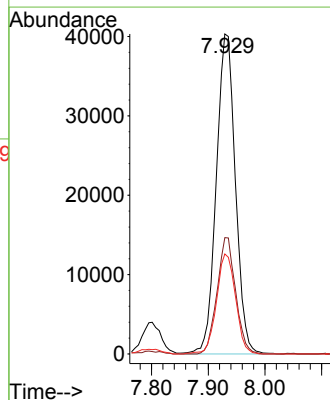
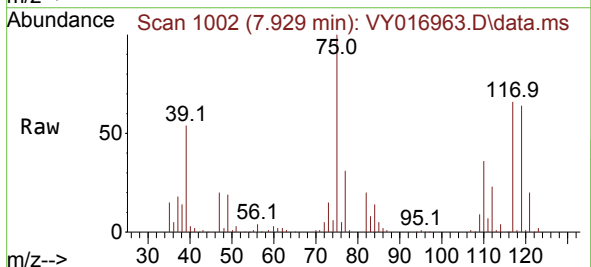
Instrument :
MSVOA_Y
ClientSampleId :

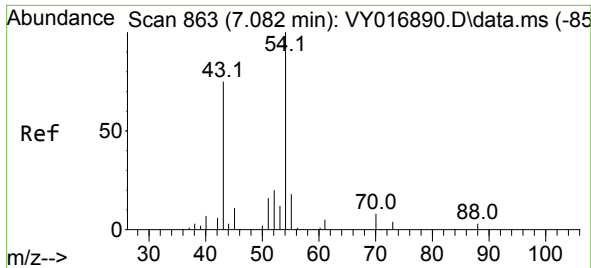
Tgt Ion:113 Resp: 63641
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 55.792 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 75 Resp: 94560
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 31.1 24.7 37.1

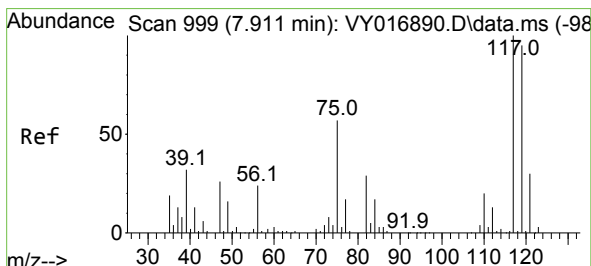
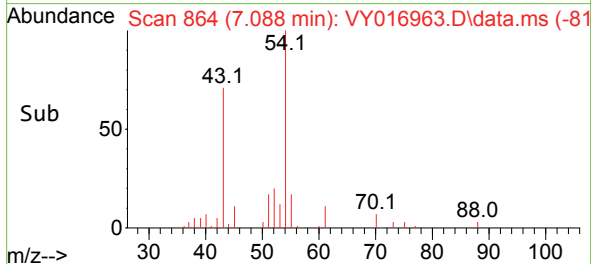
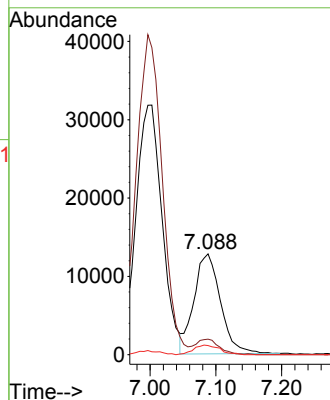
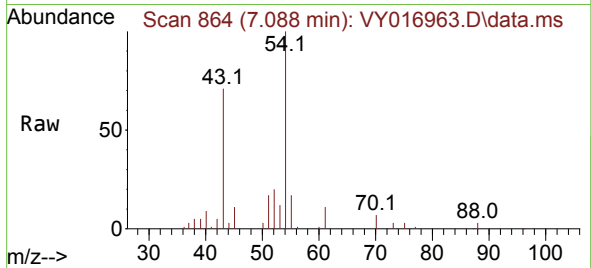




#37
Ethyl Acetate
Concen: 46.498 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

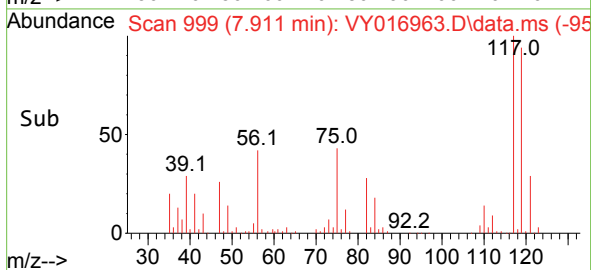
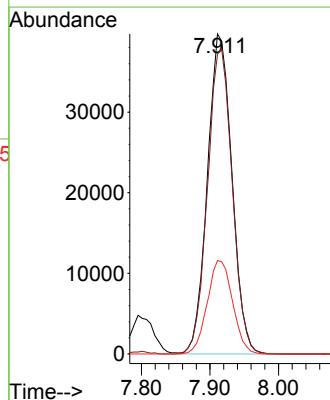
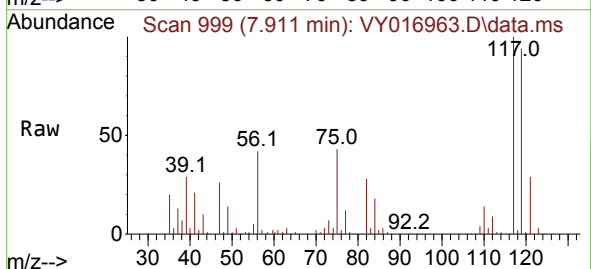
Instrument :
MSVOA_Y
ClientSampleId :

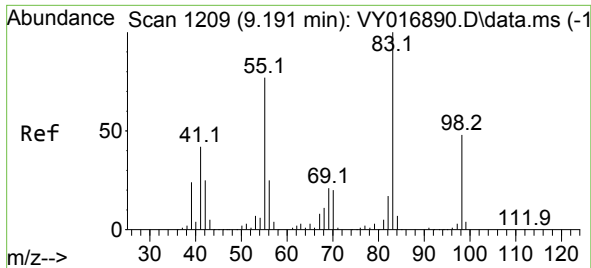
Tgt Ion: 43 Resp: 35814
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 57.462 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 117 Resp: 98947
Ion Ratio Lower Upper
117 100
119 93.7 76.0 114.0
121 29.2 24.2 36.2

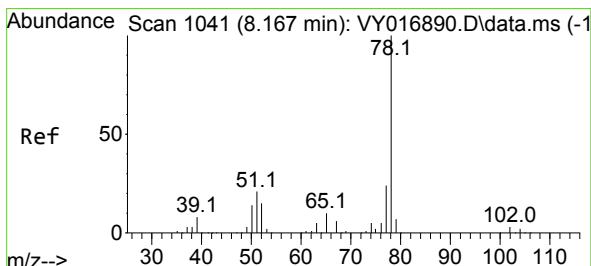
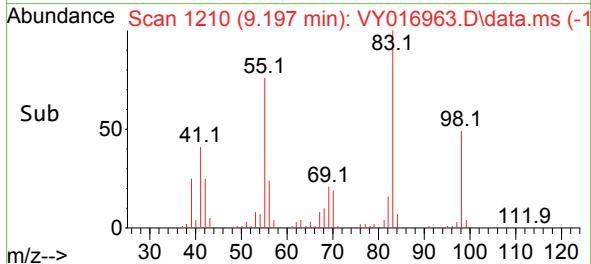
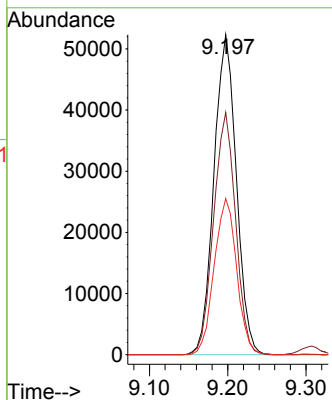
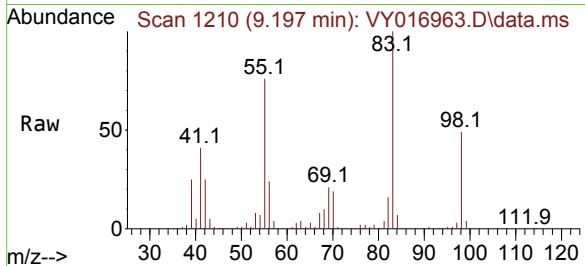




#39
Methylcyclohexane
Concen: 54.739 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

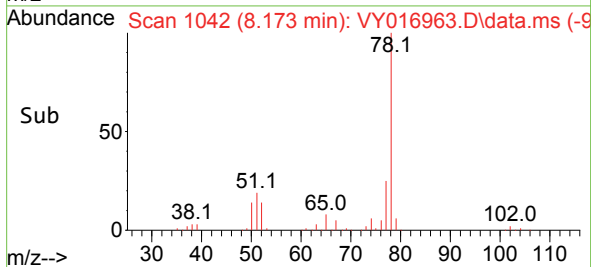
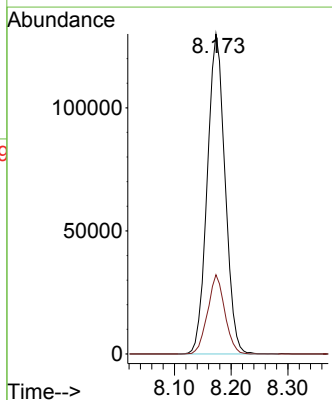
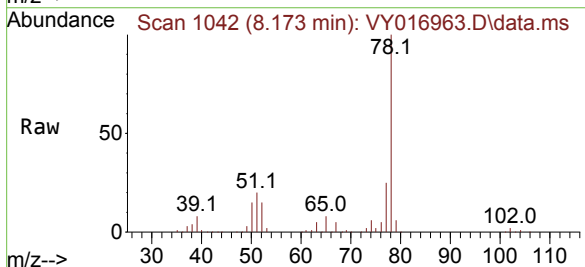
Instrument :
MSVOA_Y
ClientSampleId :

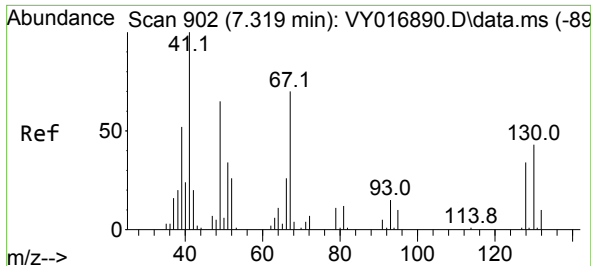
Tgt Ion: 83 Resp: 104298
Ion Ratio Lower Upper
83 100
55 75.7 59.7 89.5
98 48.8 38.0 57.0



#40
Benzene
Concen: 55.685 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

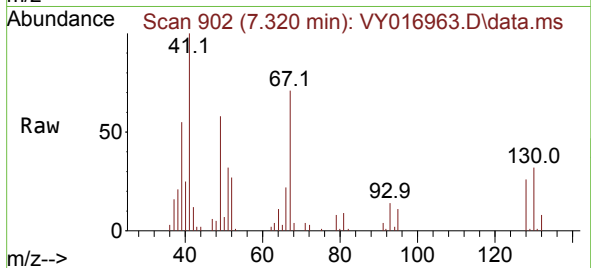
Tgt Ion: 78 Resp: 283115
Ion Ratio Lower Upper
78 100
77 24.8 18.8 28.2



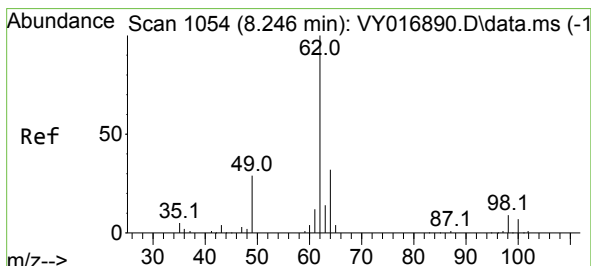
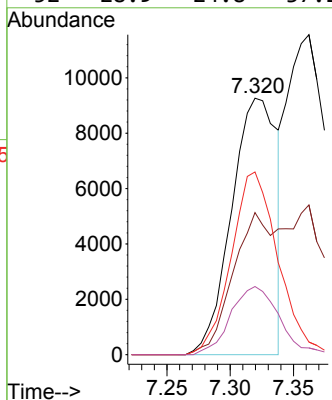
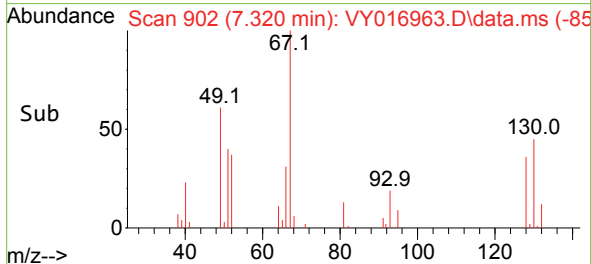


#41
Methacrylonitrile
Concen: 56.941 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.001 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :

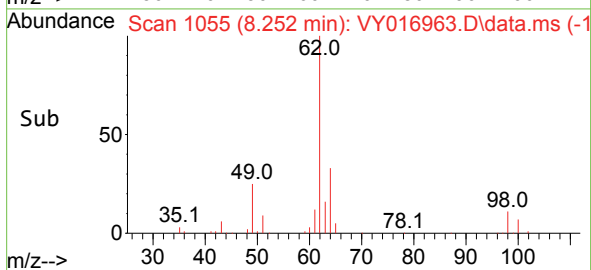
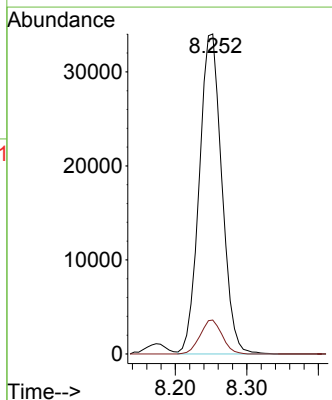
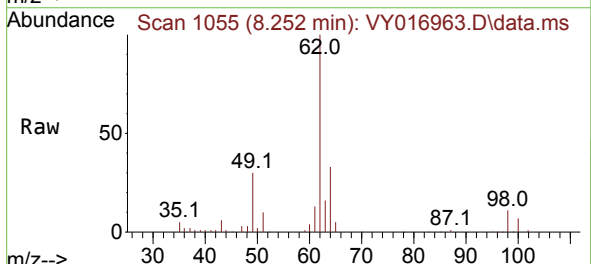


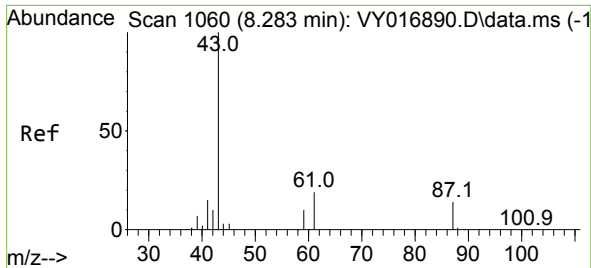
Tgt Ion:	41	Resp:	23098
Ion	Ratio	Lower	Upper
41	100		
39	45.4	41.9	62.9
67	74.0	59.8	89.6
52	28.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 55.228 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:	62	Resp:	74544
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

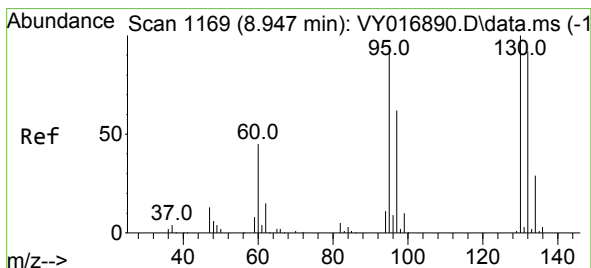
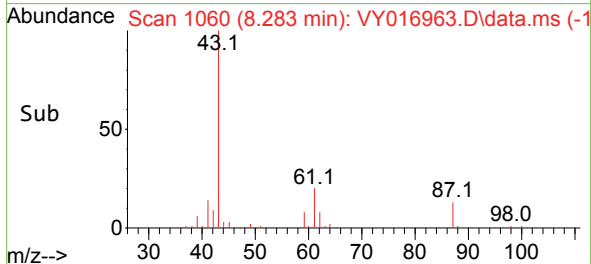
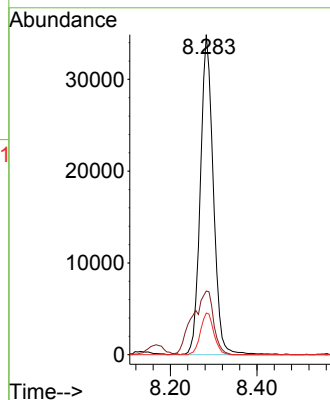
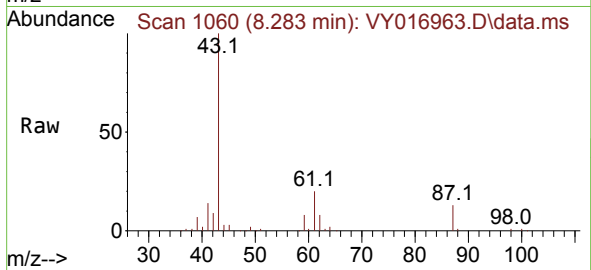




#43
Isopropyl Acetate
Concen: 48.912 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

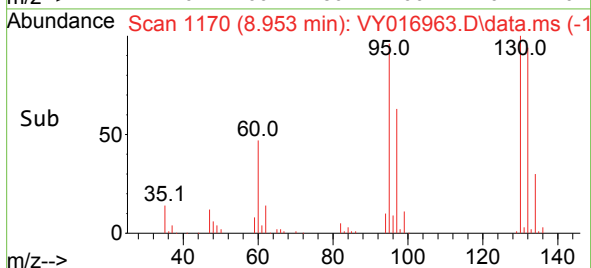
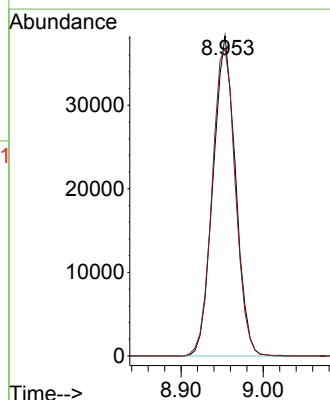
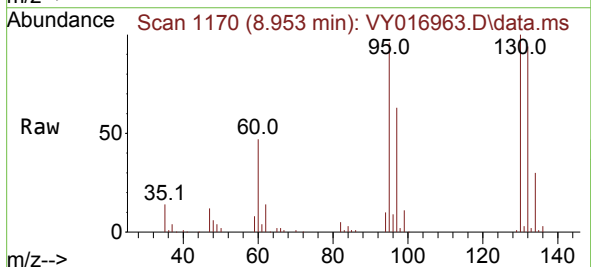
Instrument :
MSVOA_Y
ClientSampleId :

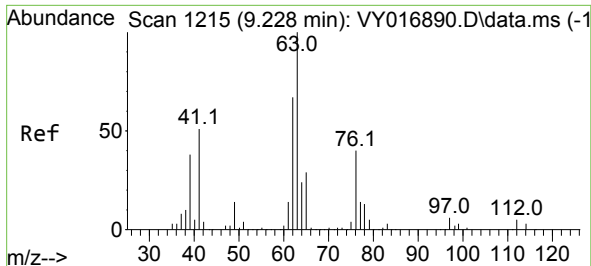
Tgt Ion: 43 Resp: 72143
Ion Ratio Lower Upper
43 100
61 32.4 24.8 37.2
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 56.071 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:130 Resp: 72541
Ion Ratio Lower Upper
130 100
95 96.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 55.746 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

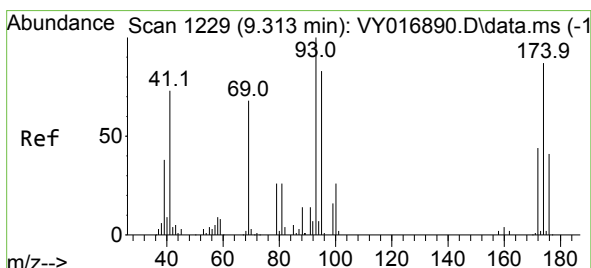
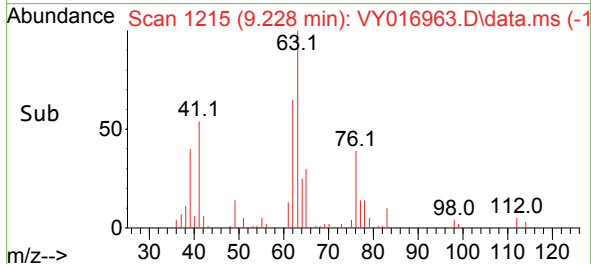
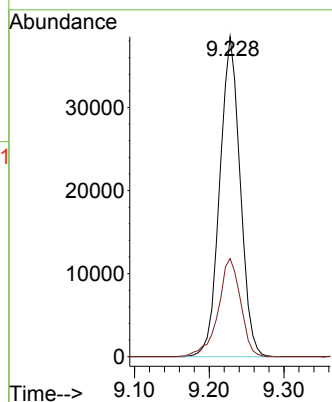
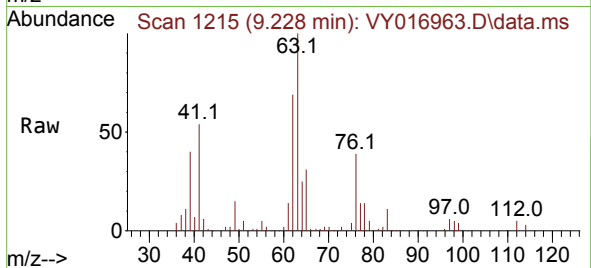
ClientSampleId :

Tgt Ion: 63 Resp: 73017

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 53.145 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

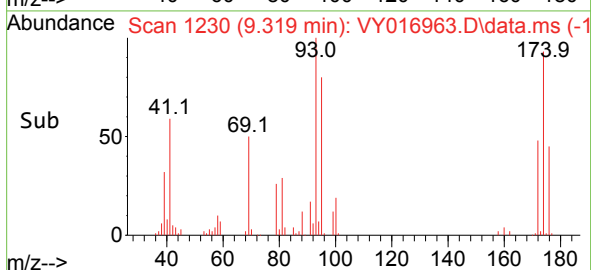
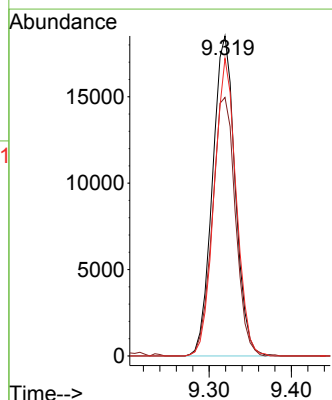
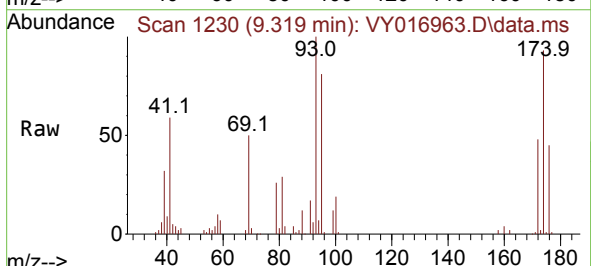
Tgt Ion: 93 Resp: 35502

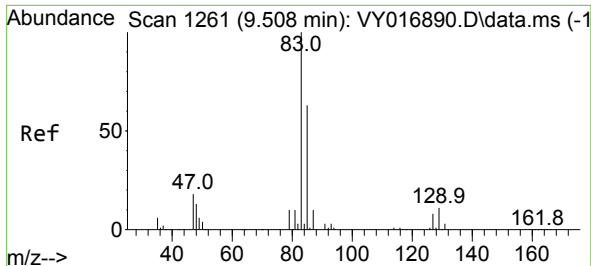
Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 90.4 73.8 110.6

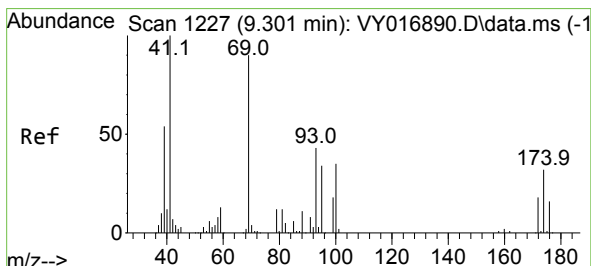
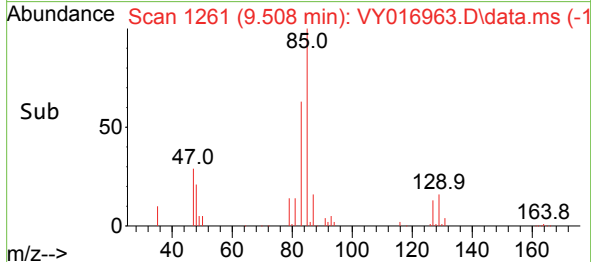
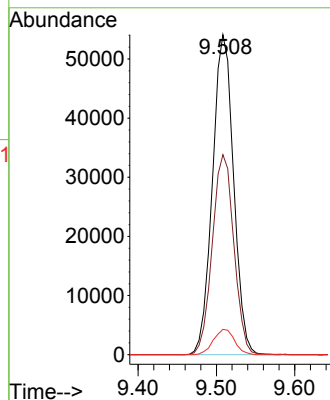
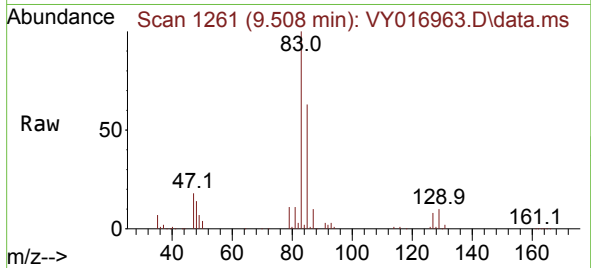




#47
Bromodichloromethane
Concen: 56.520 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

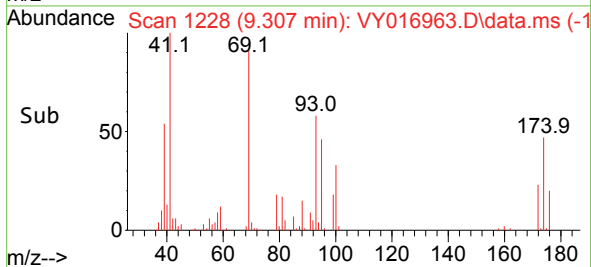
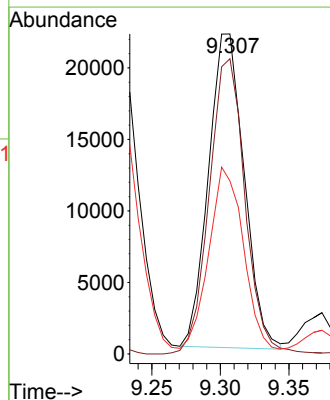
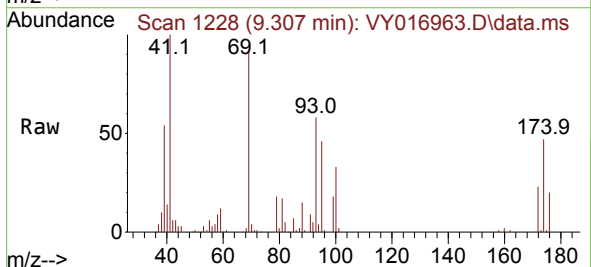
Instrument :
MSVOA_Y
ClientSampleId :

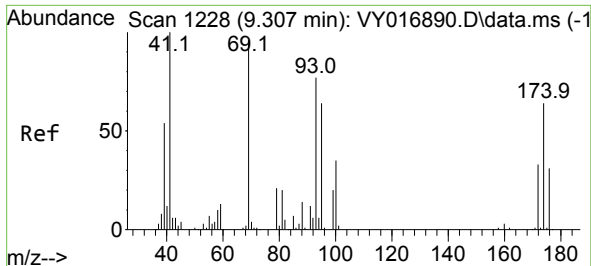
Tgt Ion: 83 Resp: 101387
Ion Ratio Lower Upper
83 100
85 62.5 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 49.844 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 41 Resp: 39676
Ion Ratio Lower Upper
41 100
69 94.8 72.1 108.1
39 59.2 42.8 64.2





#49

1,4-Dioxane

Concen: 1009.572 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

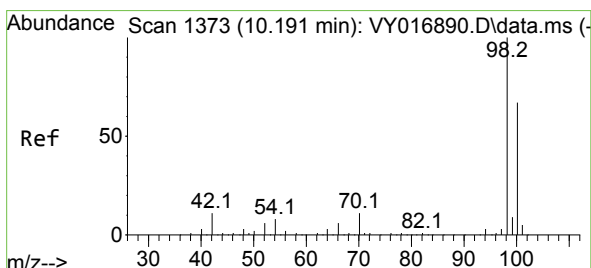
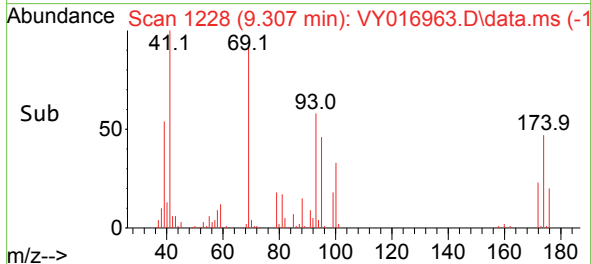
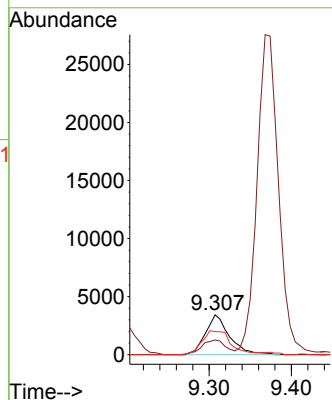
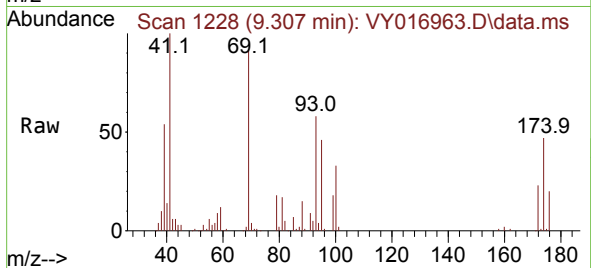
Tgt Ion: 88 Resp: 6983

Ion Ratio Lower Upper

88 100

43 37.1 28.2 42.4

58 75.5 52.2 78.2



#50

Toluene-d8

Concen: 56.364 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016963.D

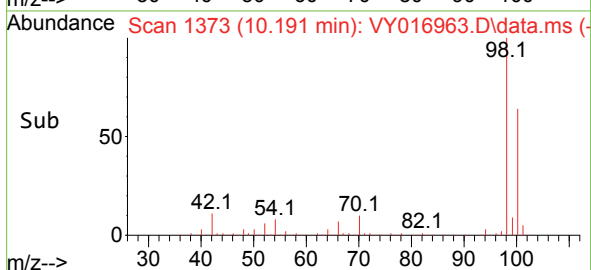
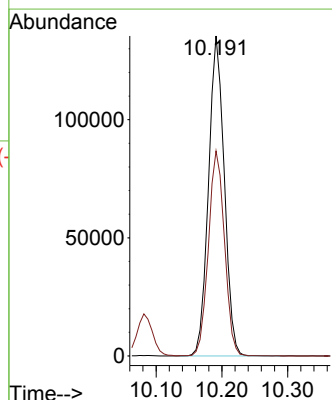
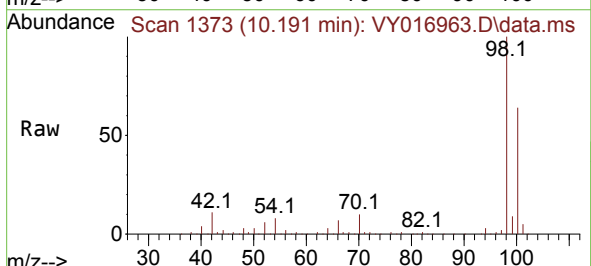
Acq: 10 Jan 2024 10:16

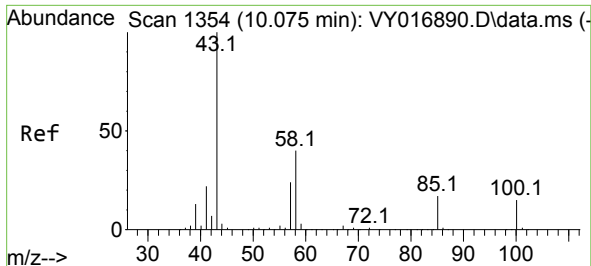
Tgt Ion: 98 Resp: 225721

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

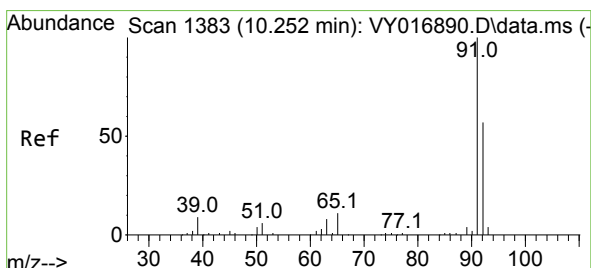
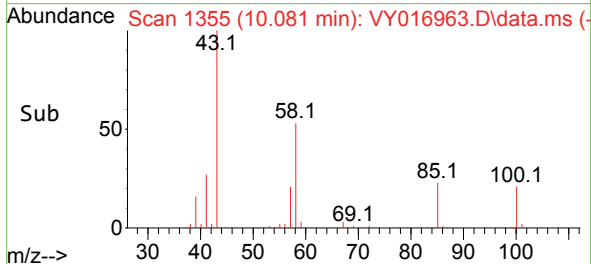
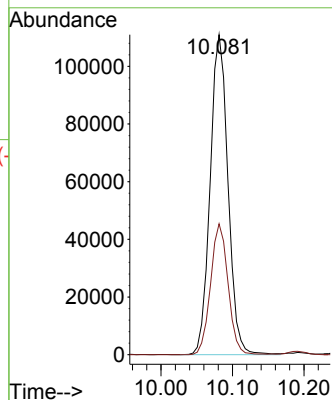
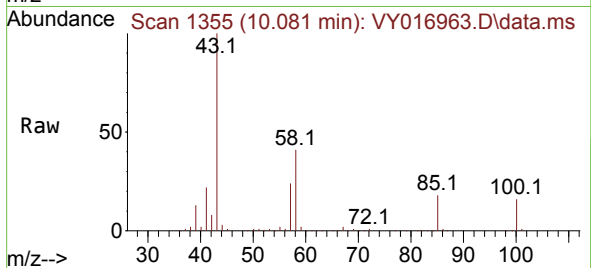




#51
4-Methyl-2-Pentanone
Concen: 245.162 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

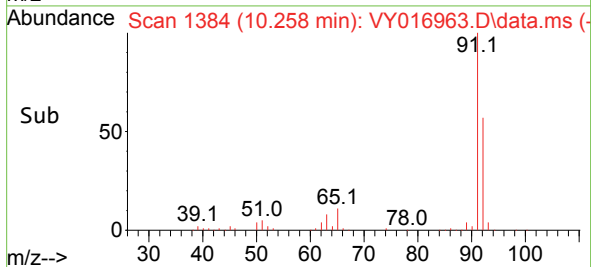
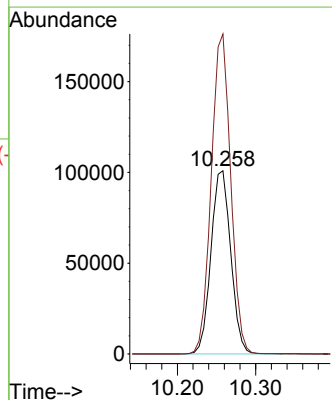
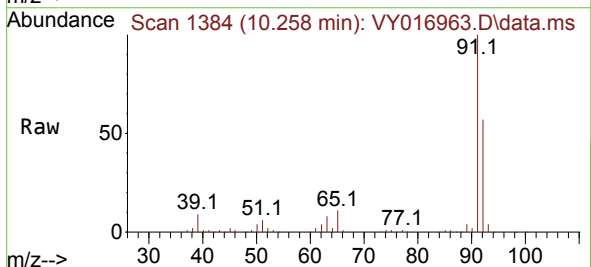
Instrument :
MSVOA_Y
ClientSampleId :

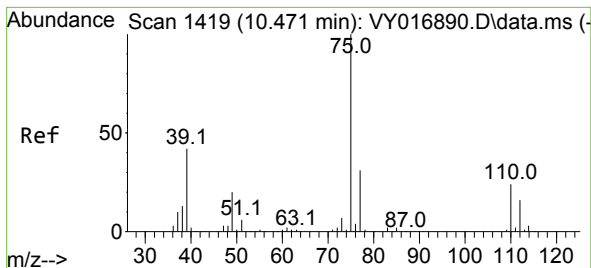
Tgt Ion: 43 Resp: 192307
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 57.736 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 92 Resp: 177156
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.779 ug/l

RT: 10.478 min Scan# 1419

Delta R.T. 0.007 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

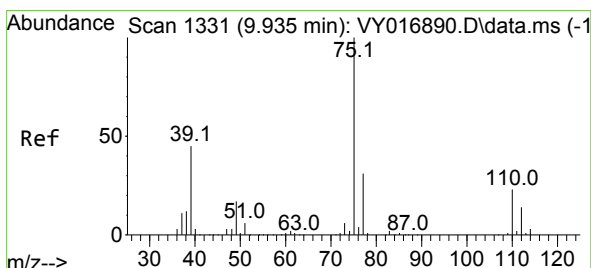
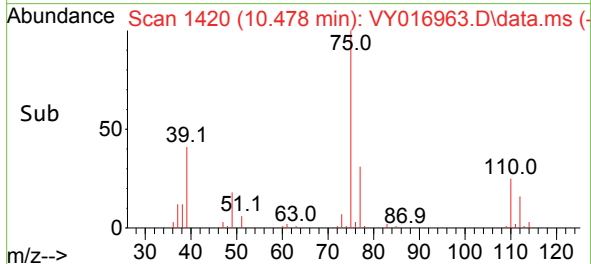
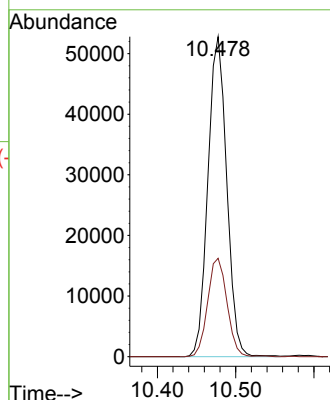
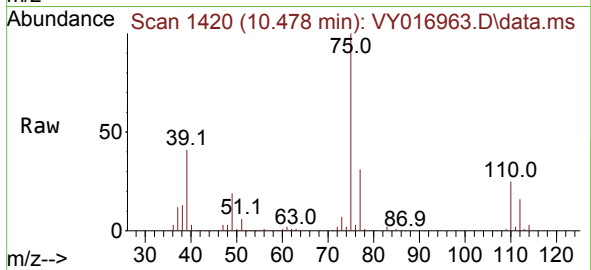
ClientSampleId :

Tgt Ion: 75 Resp: 88018

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 56.615 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

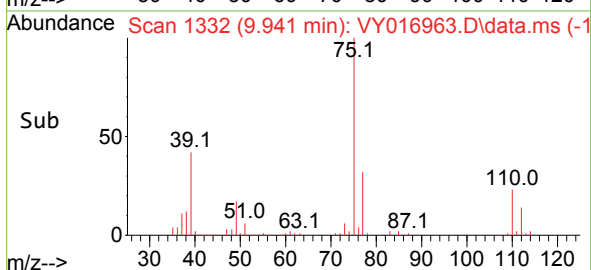
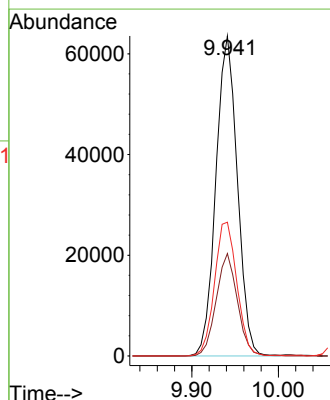
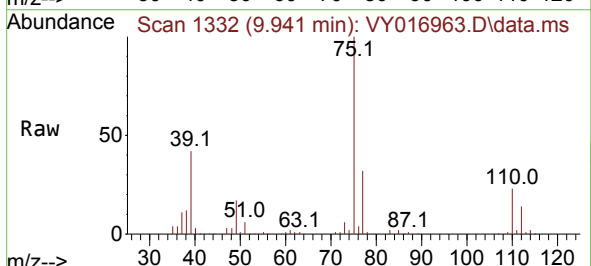
Tgt Ion: 75 Resp: 109247

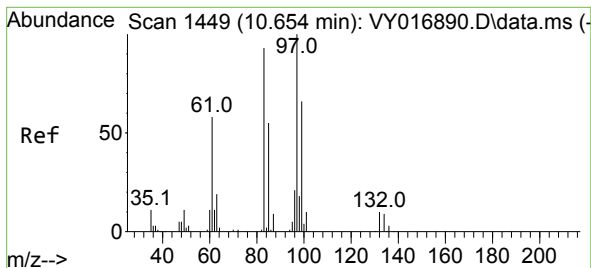
Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 41.8 33.6 50.4

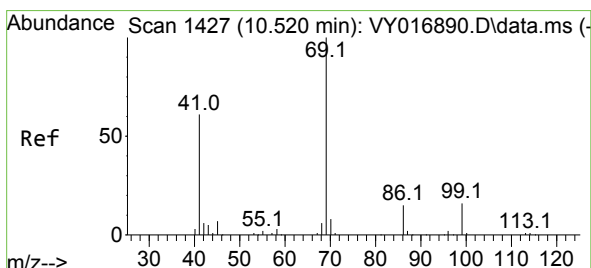
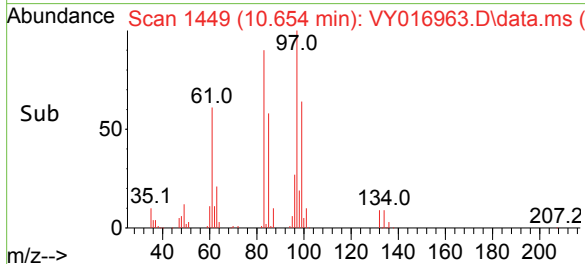
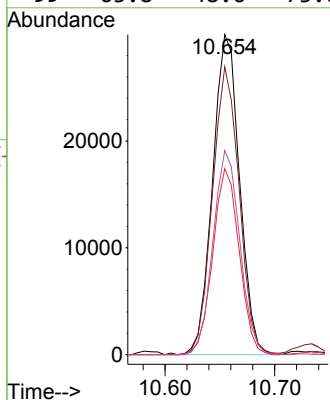
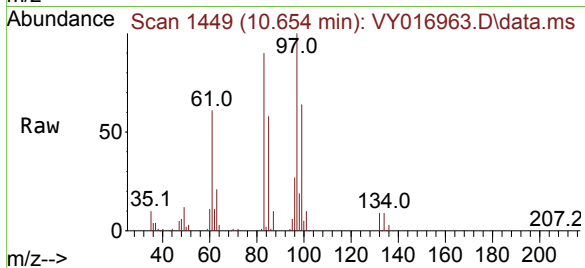




#55
1,1,2-Trichloroethane
Concen: 52.384 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

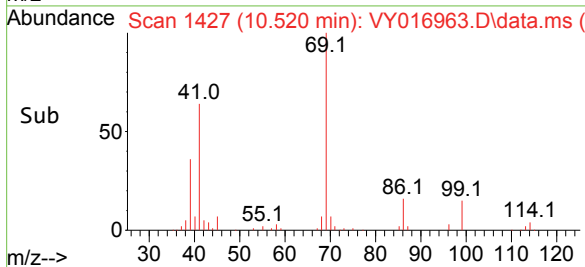
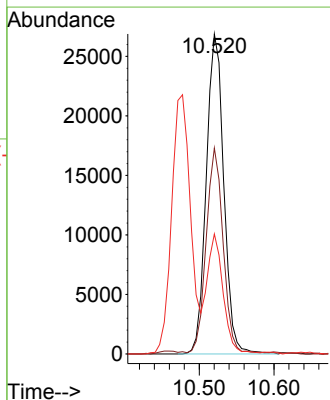
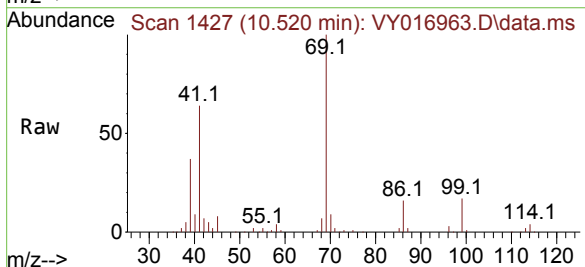
Instrument :
MSVOA_Y
ClientSampleId :

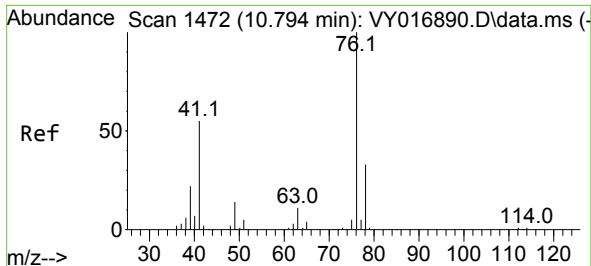
Tgt Ion: 97	Resp: 51123
Ion Ratio	Lower Upper
97 100	
83 90.0	69.4 104.2
85 58.1	43.9 65.9
99 63.8	48.6 73.0



#56
Ethyl methacrylate
Concen: 52.975 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 69	Resp: 43790
Ion Ratio	Lower Upper
69 100	
41 61.3	49.2 73.8
39 33.5	26.8 40.2





#57

1,3-Dichloropropane

Concen: 53.197 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.001 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

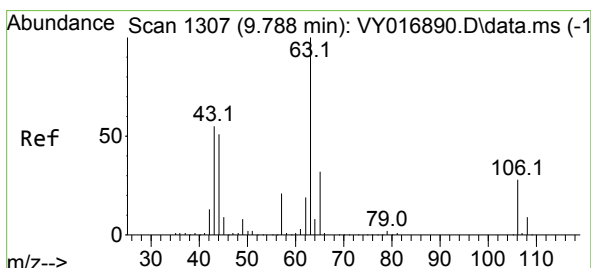
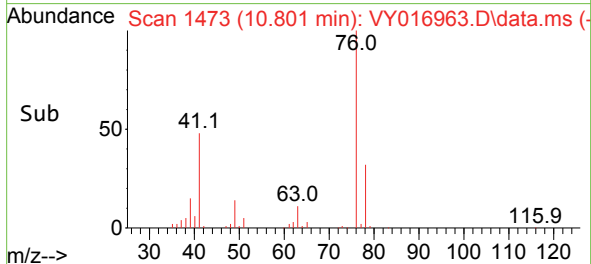
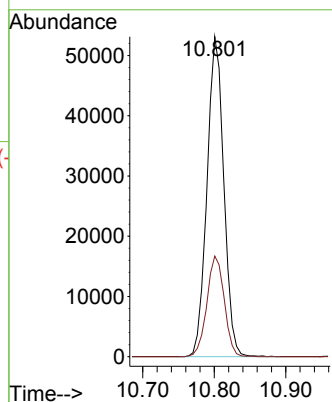
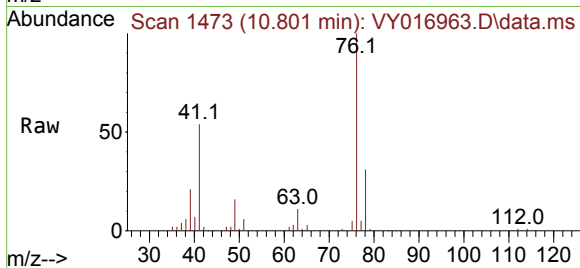
ClientSampleId :

Tgt Ion: 76 Resp: 86678

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 231.692 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016963.D

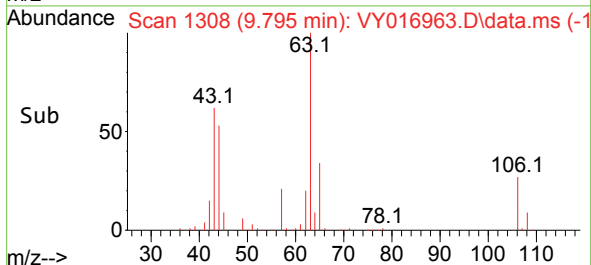
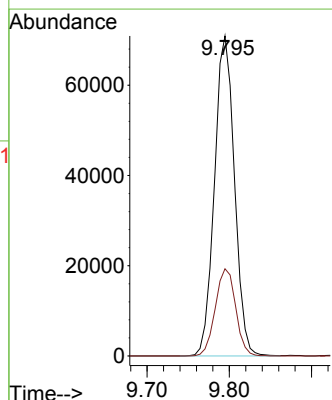
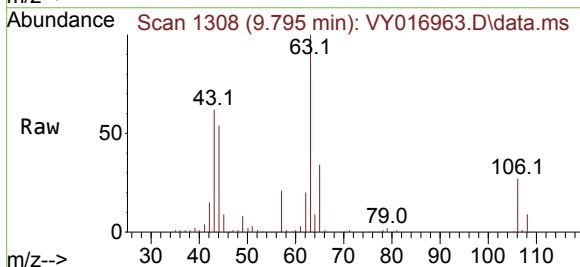
Acq: 10 Jan 2024 10:16

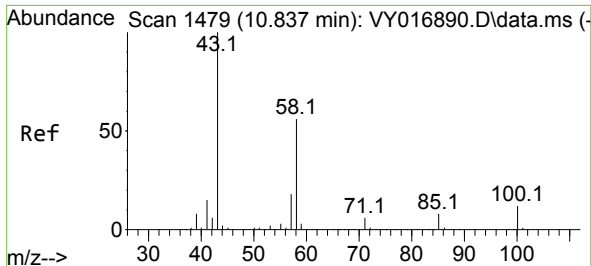
Tgt Ion: 63 Resp: 119801

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6

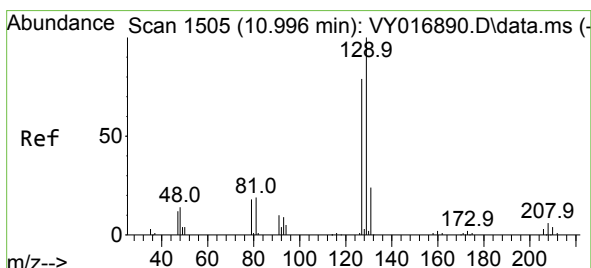
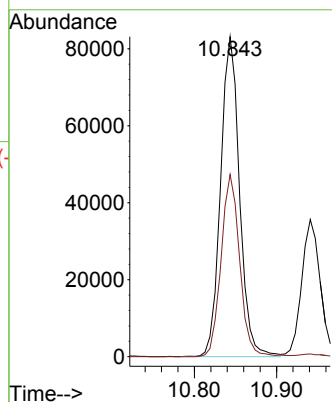
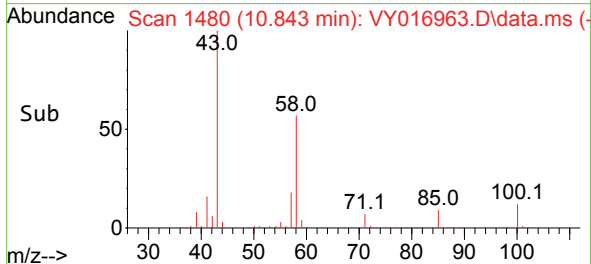
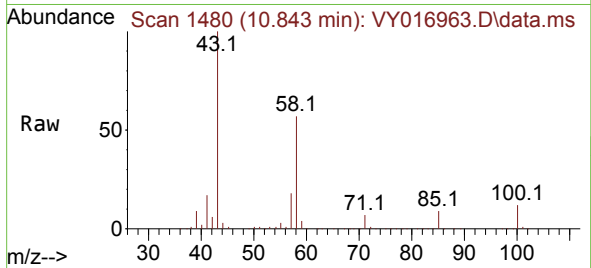




#59
2-Hexanone
Concen: 230.666 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

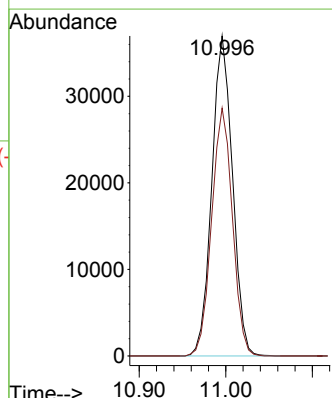
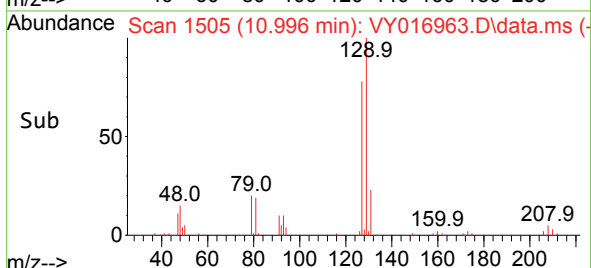
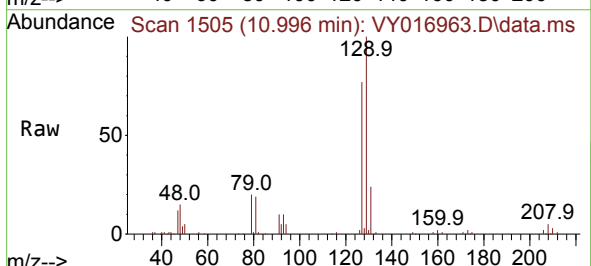
Instrument :
MSVOA_Y
ClientSampleId :

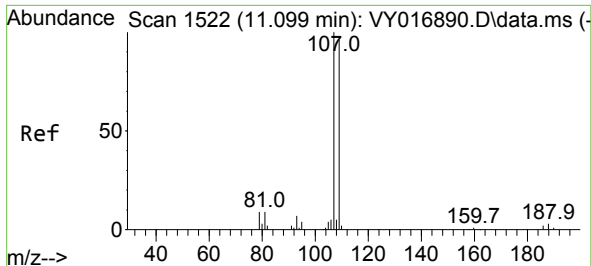
Tgt Ion: 43 Resp: 133229
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 54.396 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:129 Resp: 61220
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

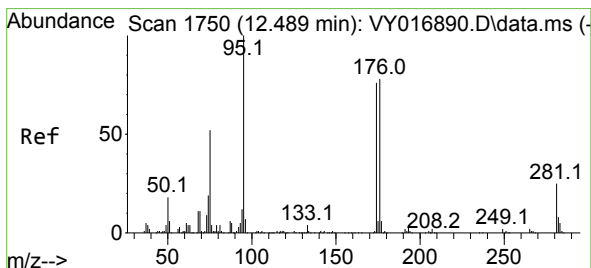
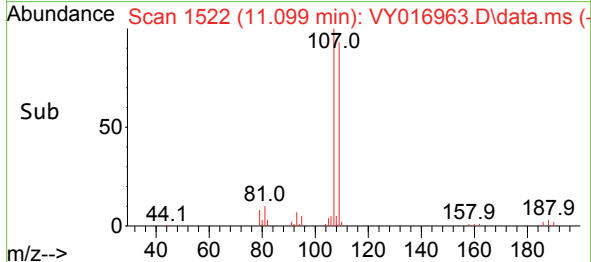
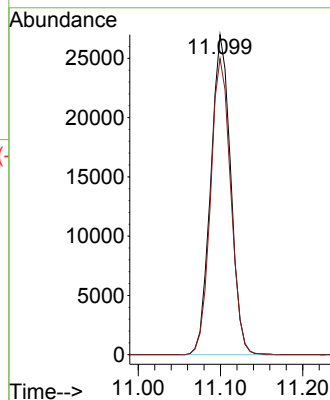
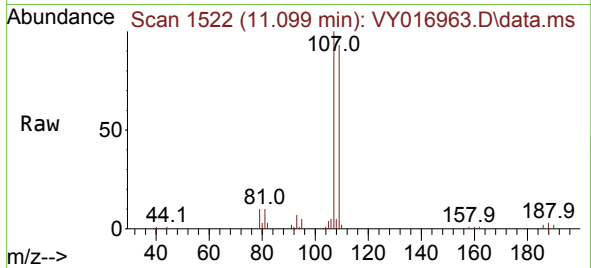




#61
1,2-Dibromoethane
Concen: 53.619 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

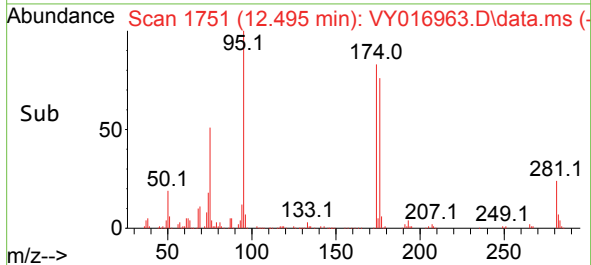
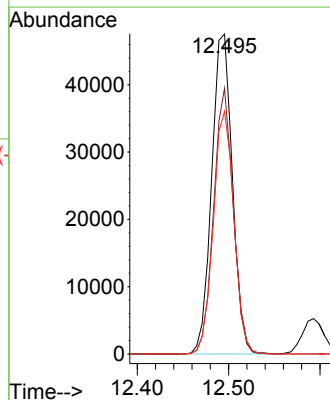
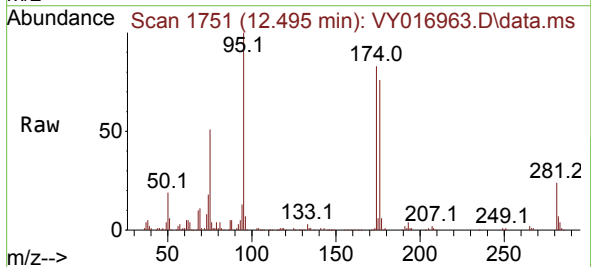
Instrument :
MSVOA_Y
ClientSampleId :

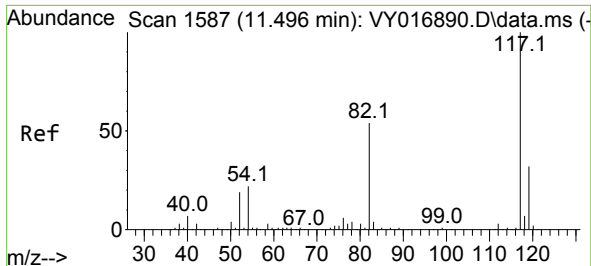
Tgt Ion:107 Resp: 45464
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.208 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 95 Resp: 74594
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 75.5 0.0 151.8

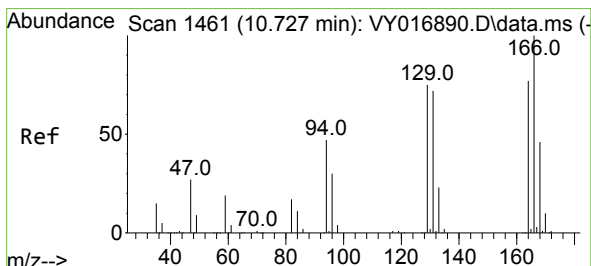
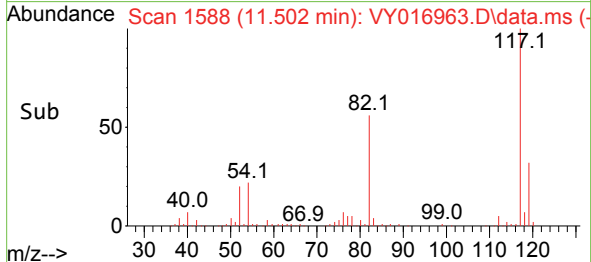
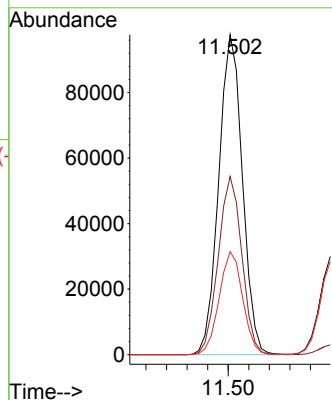
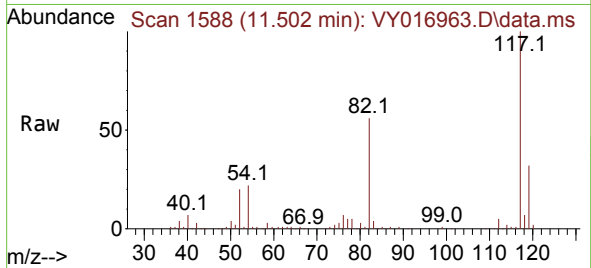




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

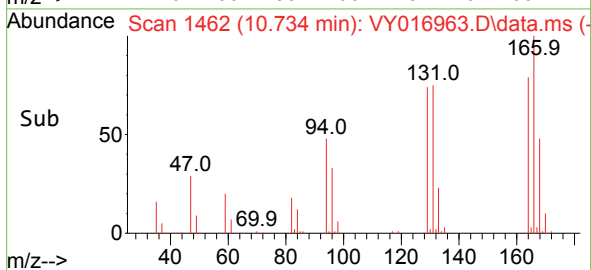
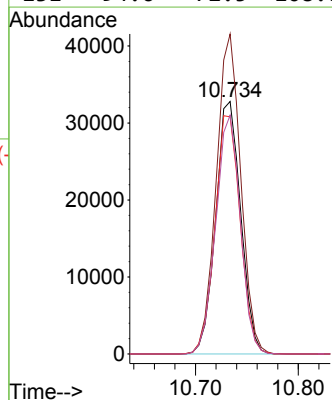
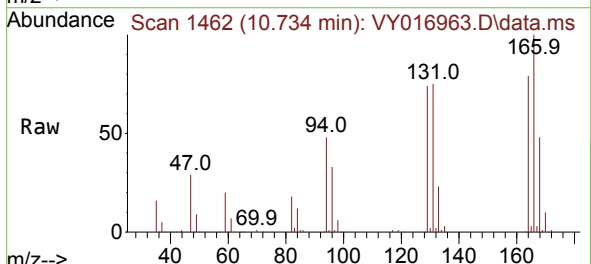
Instrument :
MSVOA_Y
ClientSampleId :

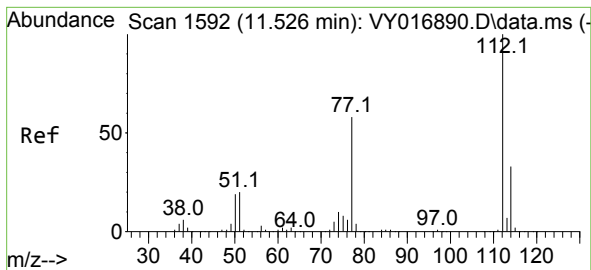
Tgt Ion:117 Resp: 155969
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 54.837 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:164 Resp: 55450
Ion Ratio Lower Upper
164 100
166 126.7 98.8 148.2
129 93.9 78.9 118.3
131 94.6 72.5 108.7

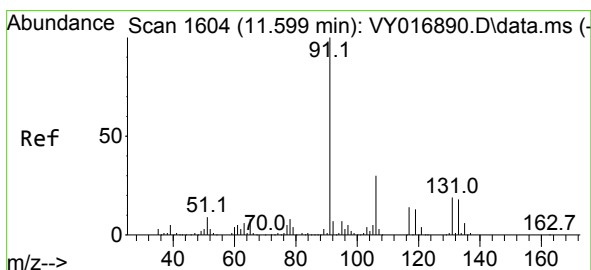
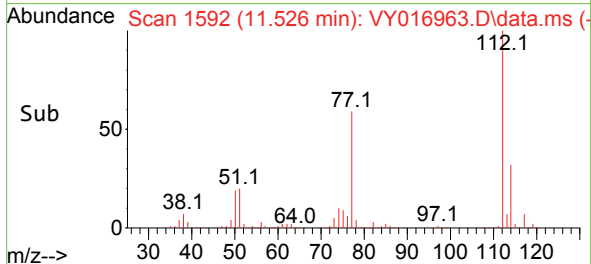
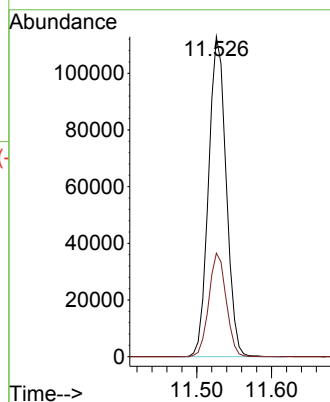
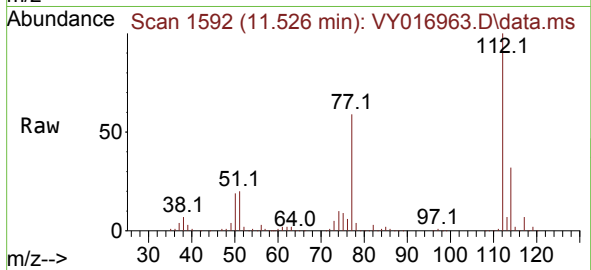




#65
Chlorobenzene
Concen: 56.848 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

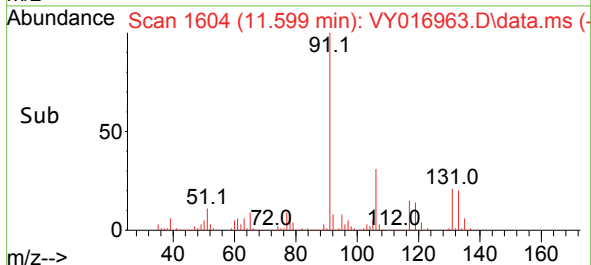
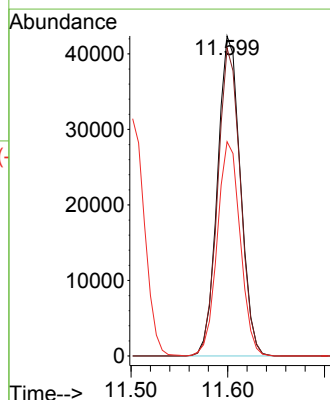
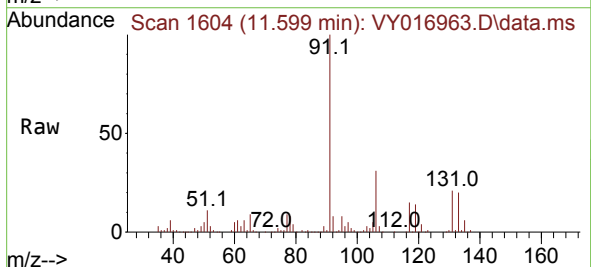
Instrument :
MSVOA_Y
ClientSampleId :

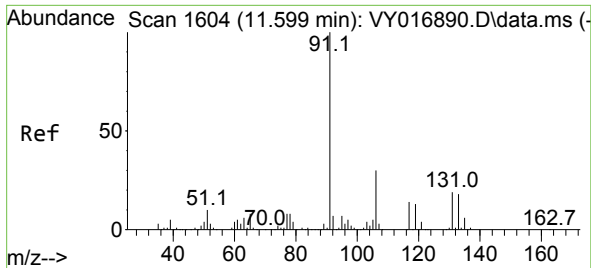
Tgt Ion:112 Resp: 184707
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 56.326 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:131 Resp: 69570
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.0
119 67.2 33.3 99.9

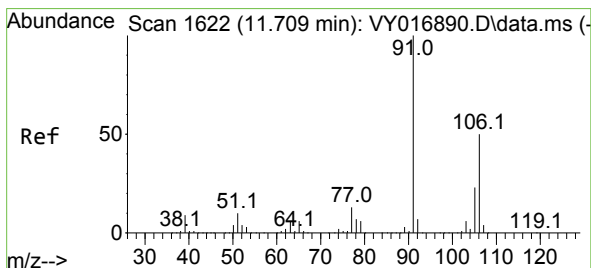
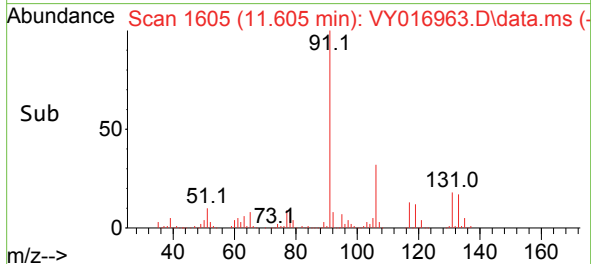
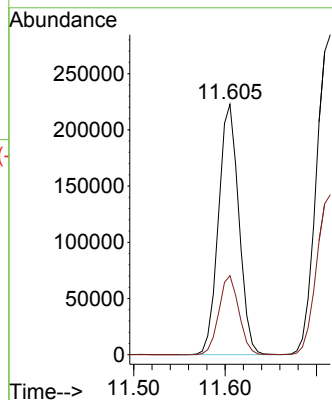
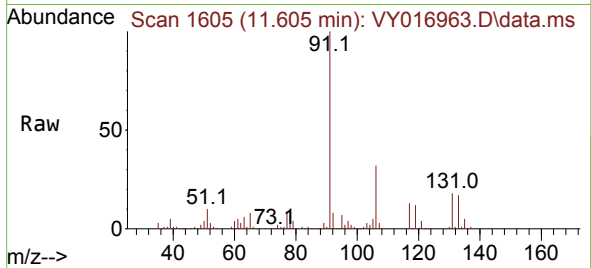




#67
Ethyl Benzene
Concen: 59.014 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

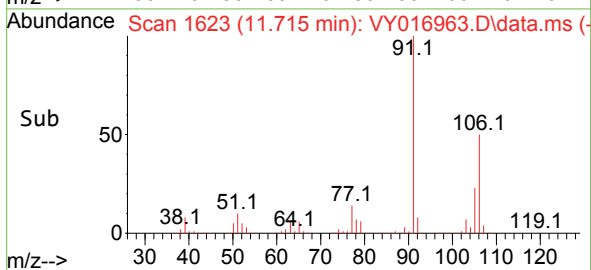
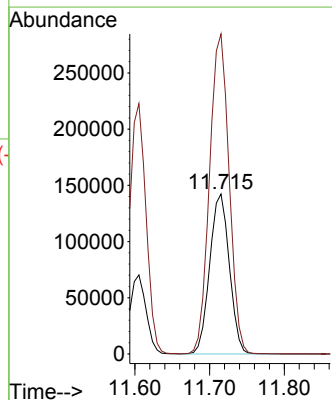
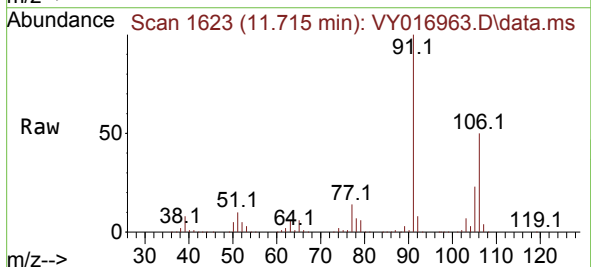
Instrument :
MSVOA_Y
ClientSampleId :

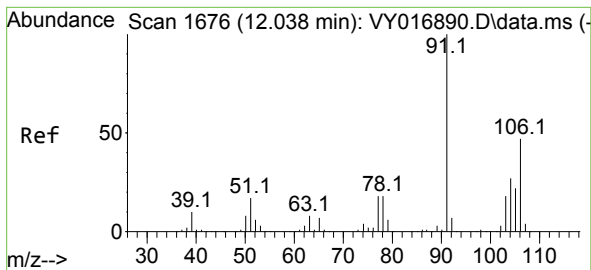
Tgt Ion: 91 Resp: 345206
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 121.117 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion:106 Resp: 260055
Ion Ratio Lower Upper
106 100
91 199.9 160.7 241.1





#69

o-Xylene

Concen: 60.108 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

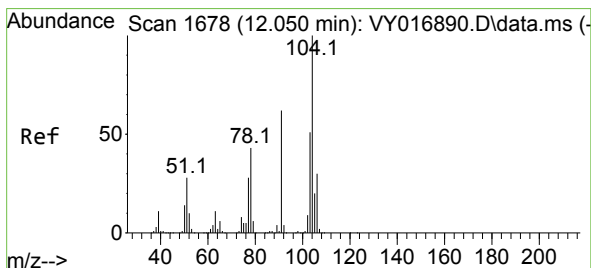
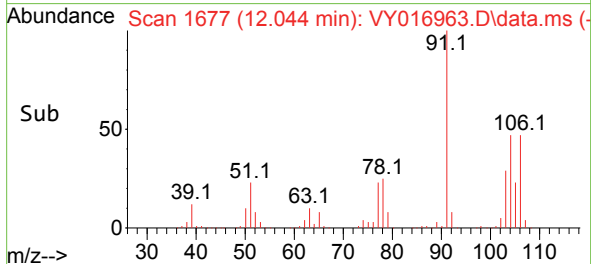
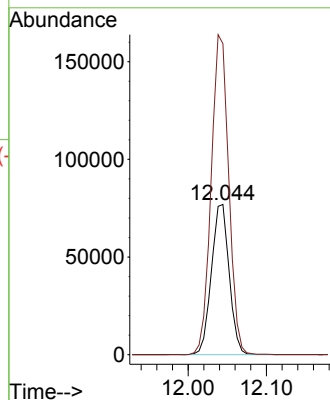
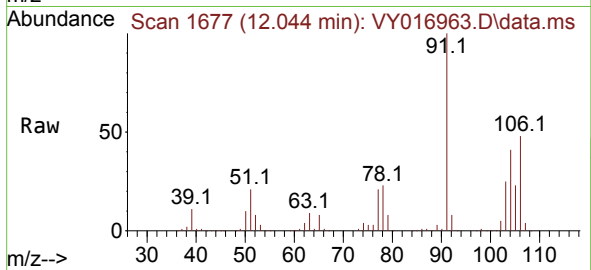
ClientSampleId :

Tgt Ion:106 Resp: 120990

Ion Ratio Lower Upper

106 100

91 211.1 106.5 319.5



#70

Styrene

Concen: 60.837 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

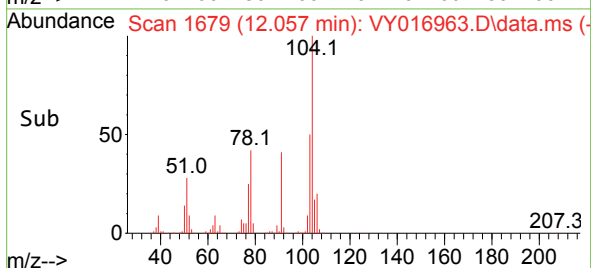
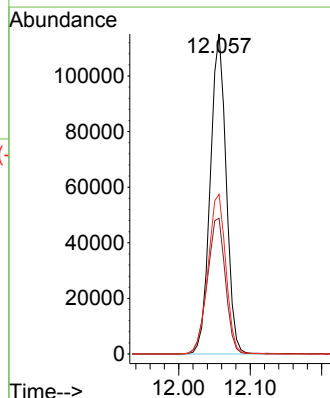
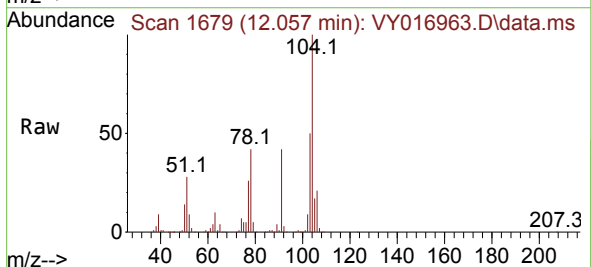
Tgt Ion:104 Resp: 178226

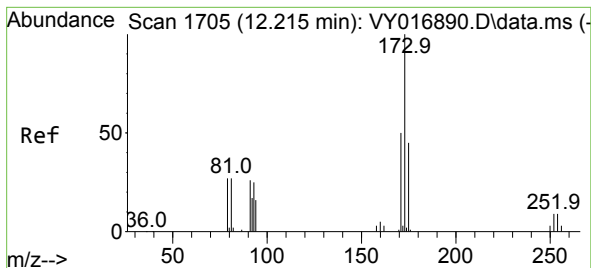
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 55.8 43.8 65.6





#71

Bromoform

Concen: 53.192 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016963.D

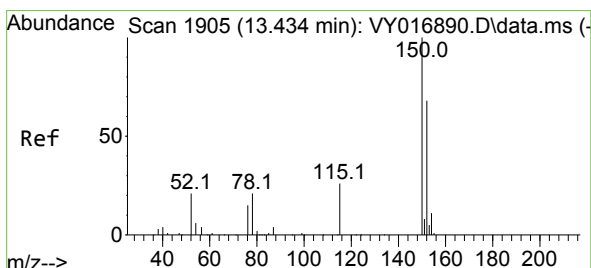
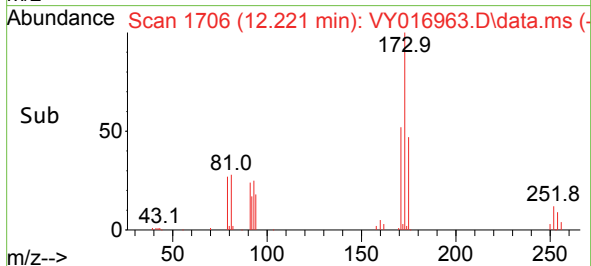
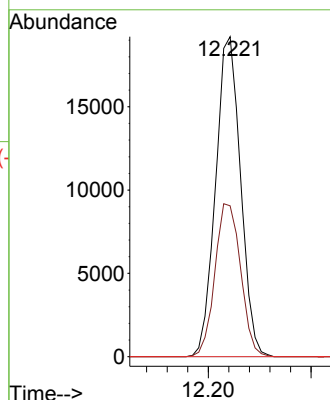
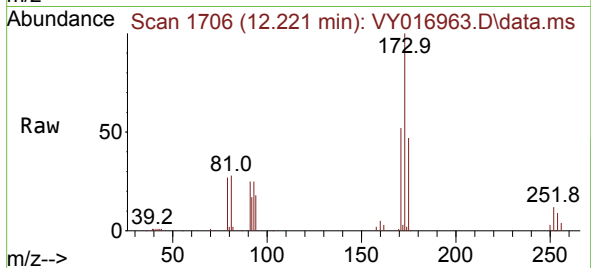
Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	32343
Ion Ratio	Lower	Upper
173	100	
175	49.2	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

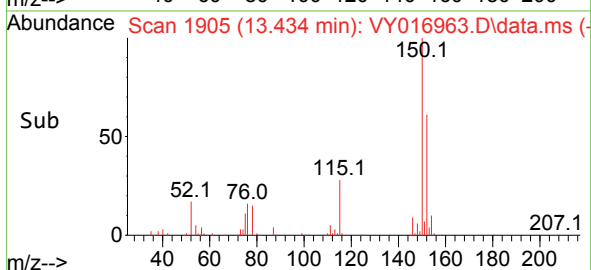
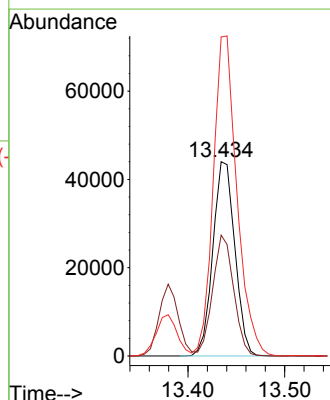
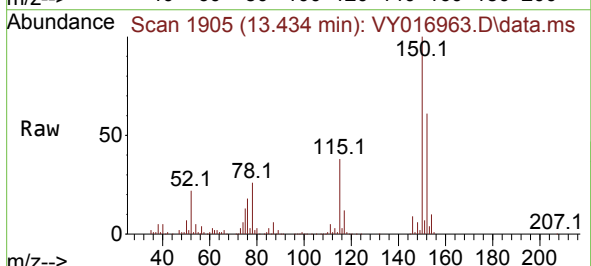
RT: 13.434 min Scan# 1905

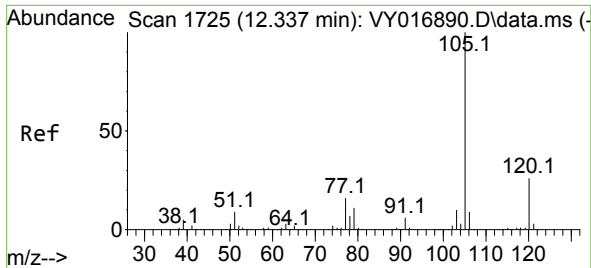
Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Tgt Ion:152	Resp:	69515
Ion Ratio	Lower	Upper
152	100	
115	59.1	30.0 90.0
150	177.3	0.0 344.6

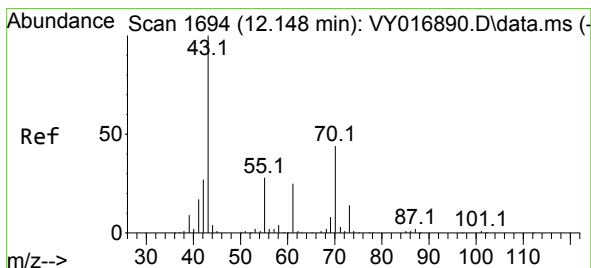
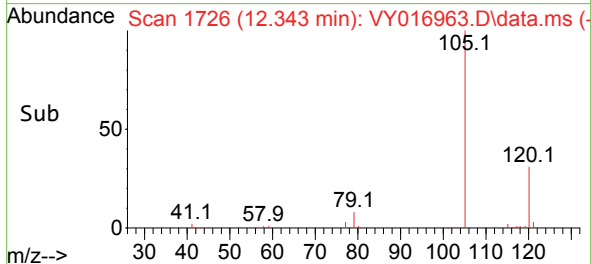
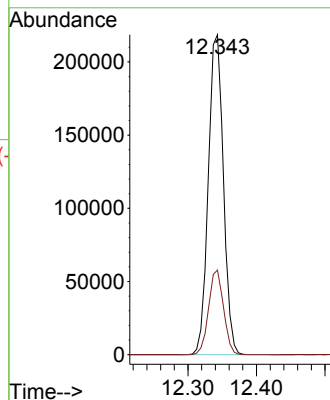
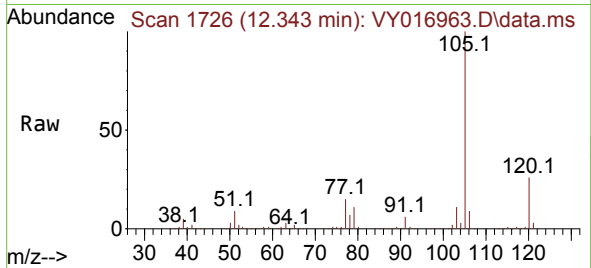




#73
Isopropylbenzene
Concen: 59.063 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

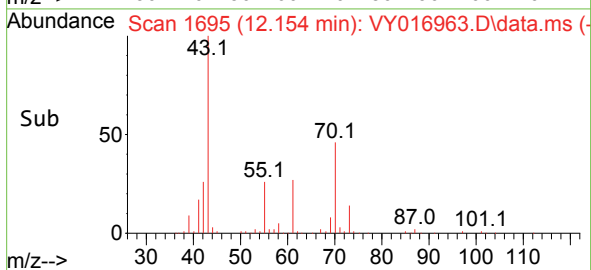
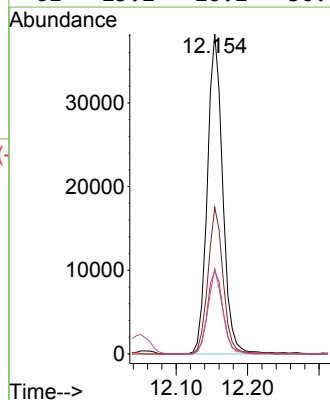
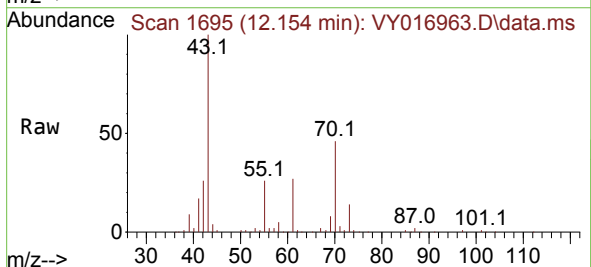
Instrument :
MSVOA_Y
ClientSampleId :

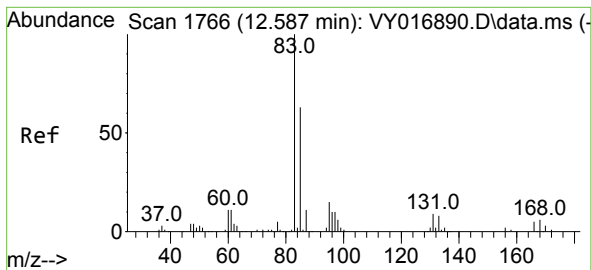
Tgt Ion:105 Resp: 335282
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 50.009 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 43 Resp: 57036
Ion Ratio Lower Upper
43 100
70 45.1 36.6 55.0
55 26.8 22.2 33.4
61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.016 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

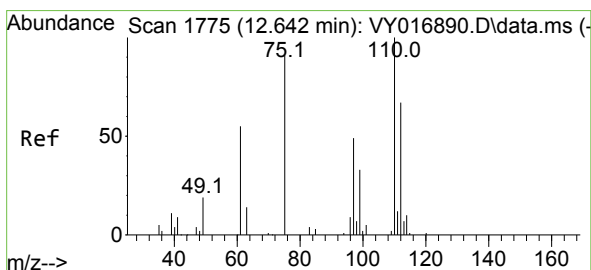
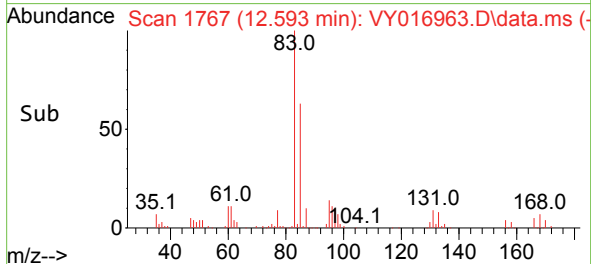
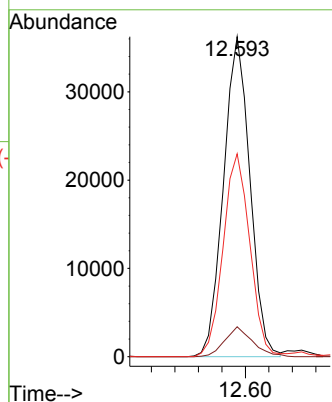
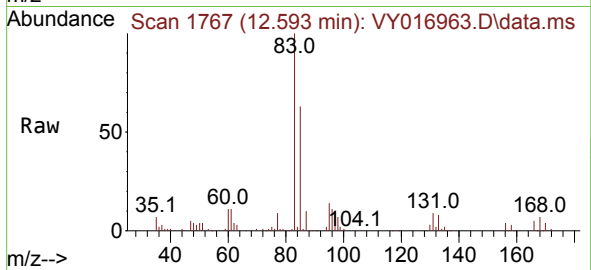
Tgt Ion: 83 Resp: 56694

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 63.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 90.366 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016963.D

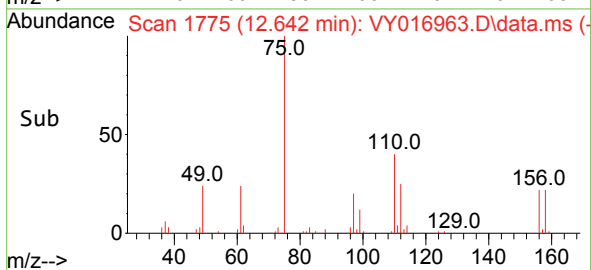
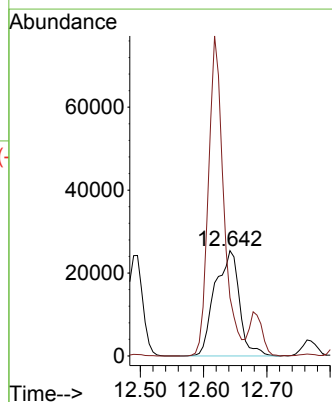
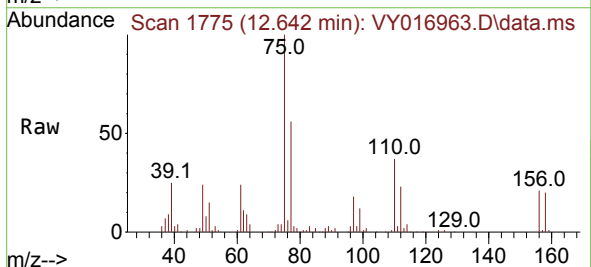
Acq: 10 Jan 2024 10:16

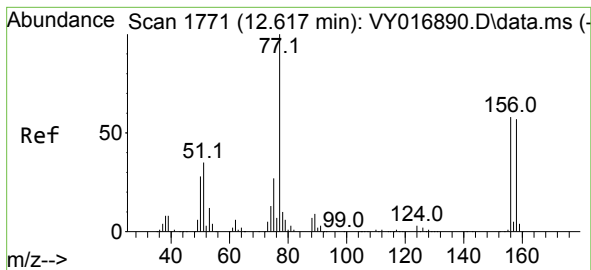
Tgt Ion: 75 Resp: 68169

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.018 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

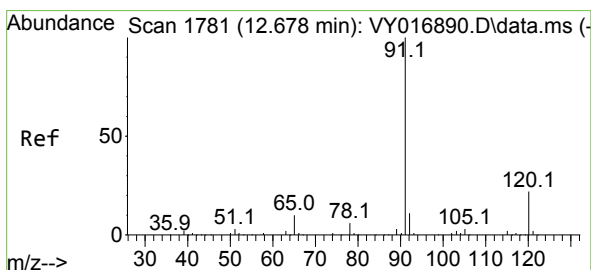
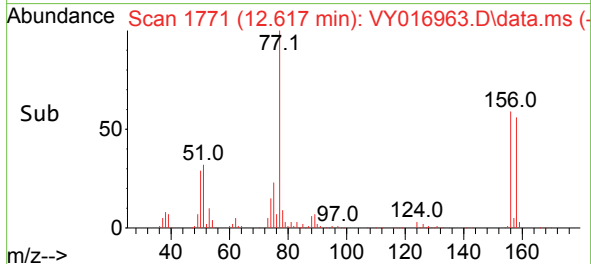
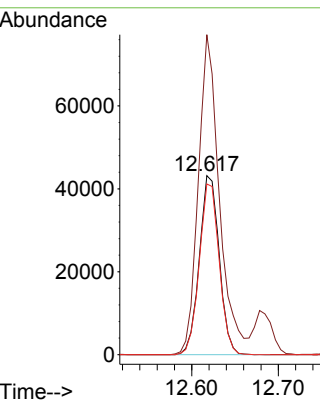
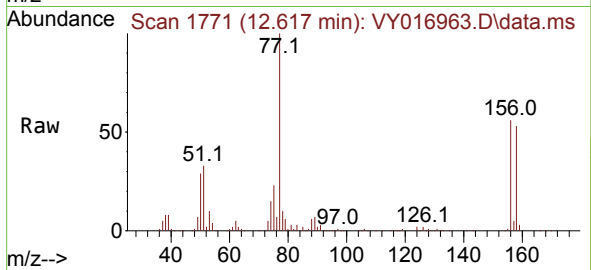
Tgt Ion:156 Resp: 68763

Ion Ratio Lower Upper

156 100

77 188.6 97.3 291.8

158 95.5 48.4 145.0



#78

n-propylbenzene

Concen: 59.247 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016963.D

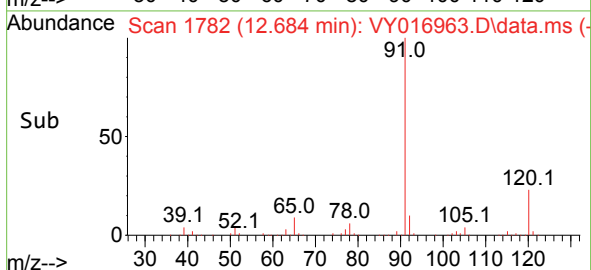
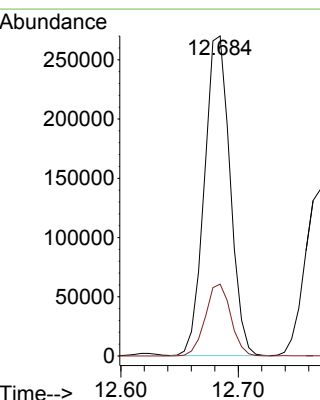
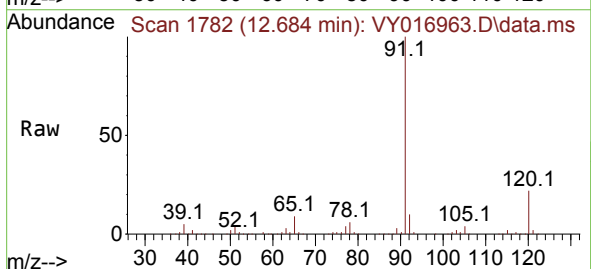
Acq: 10 Jan 2024 10:16

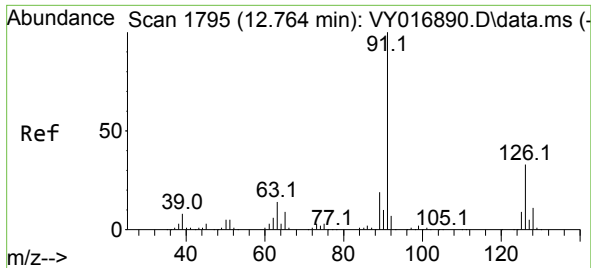
Tgt Ion: 91 Resp: 408875

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0

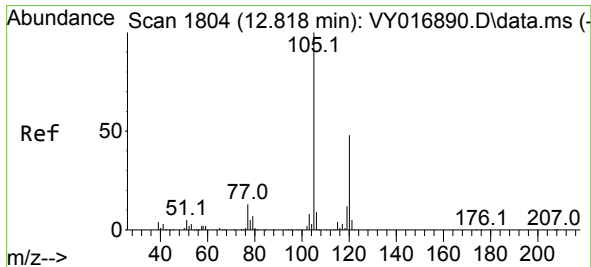
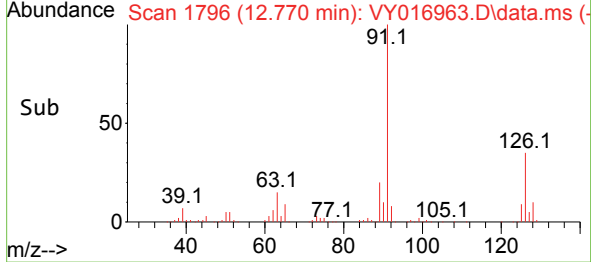
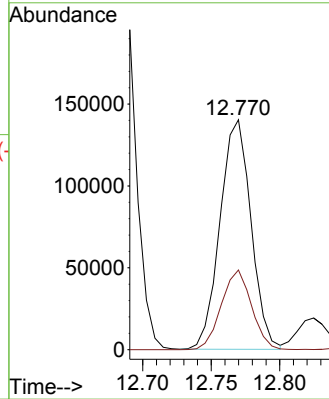
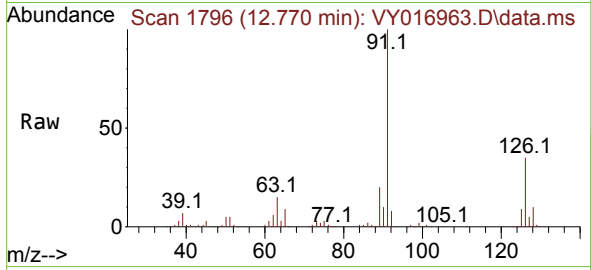




#79
2-Chlorotoluene
Concen: 57.690 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

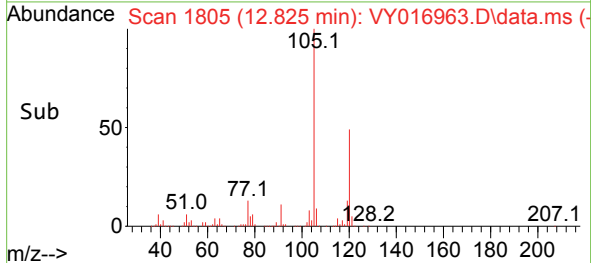
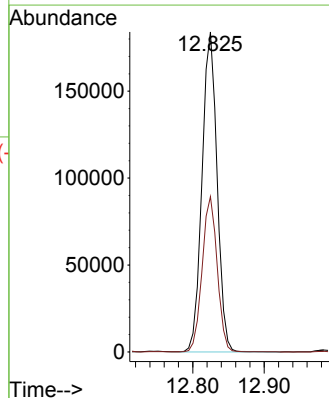
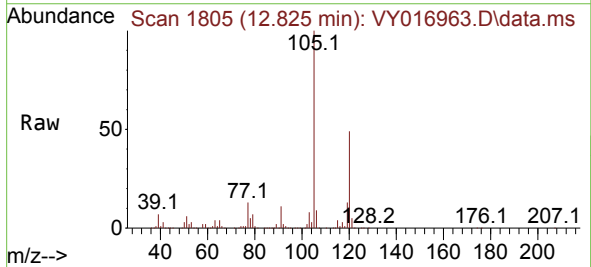
Instrument :
MSVOA_Y
ClientSampleId :

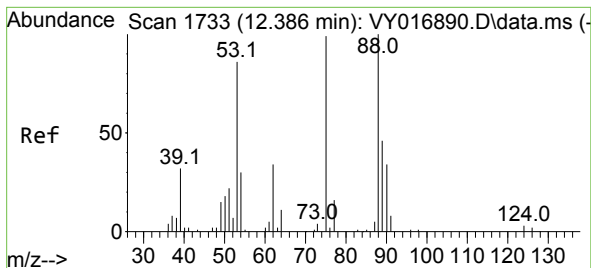
Tgt Ion: 91 Resp: 220772
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 59.950 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY016963.D
Acq: 10 Jan 2024 10:16

Tgt Ion: 105 Resp: 269146
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.385 ug/l

RT: 12.392 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

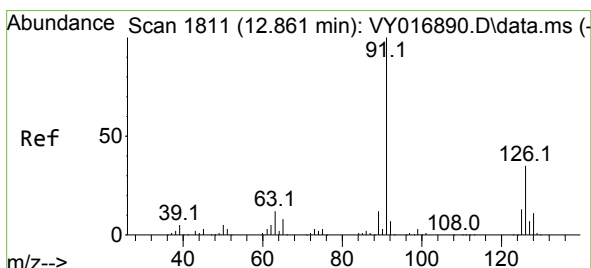
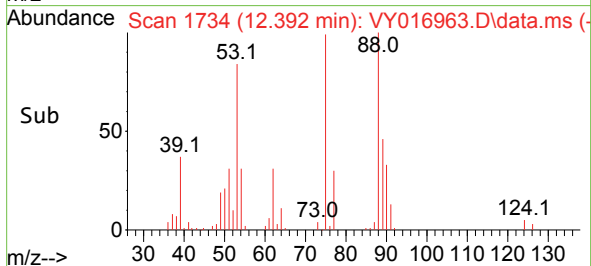
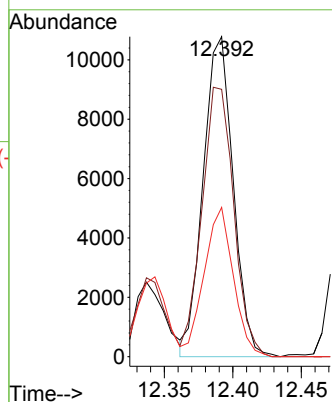
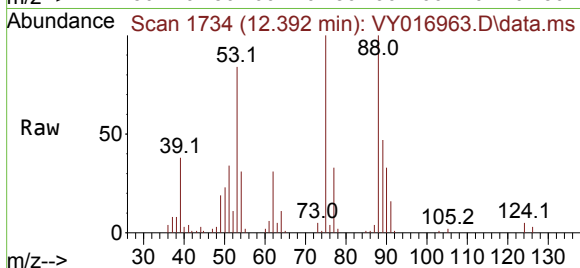
Tgt Ion: 75 Resp: 16406

Ion Ratio Lower Upper

75 100

53 89.5 74.0 111.0

89 45.7 36.5 54.7



#82

4-Chlorotoluene

Concen: 58.110 ug/l

RT: 12.867 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VY016963.D

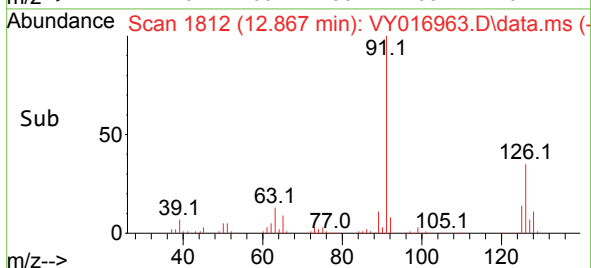
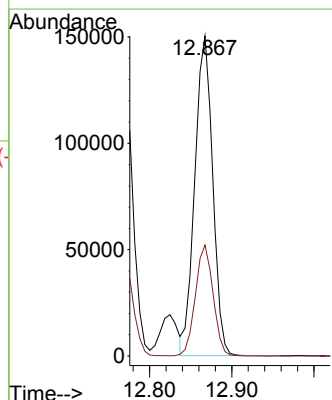
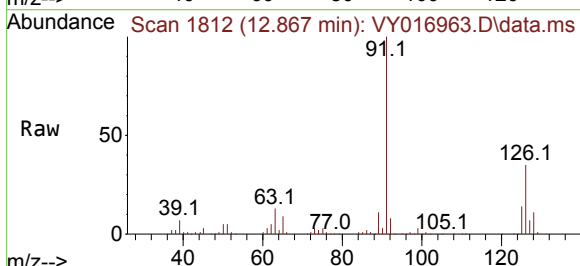
Acq: 10 Jan 2024 10:16

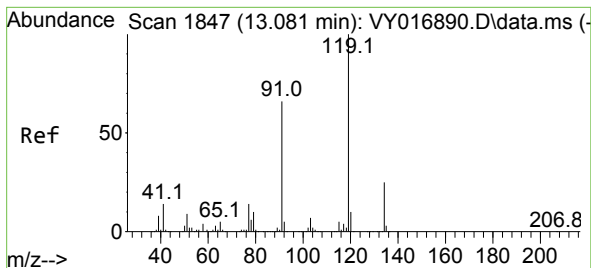
Tgt Ion: 91 Resp: 227190

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 60.794 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

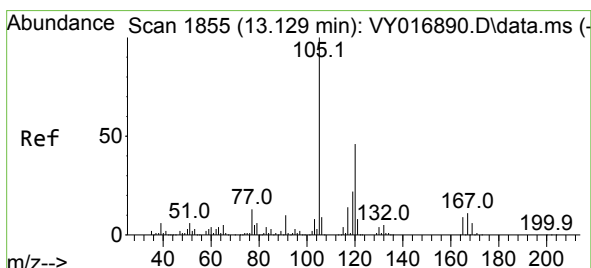
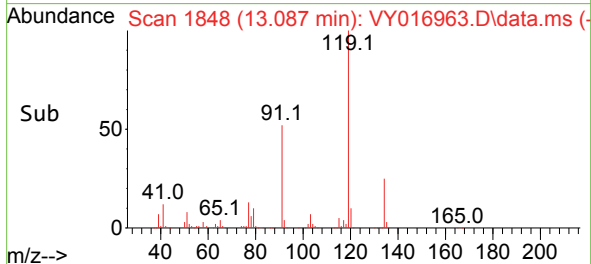
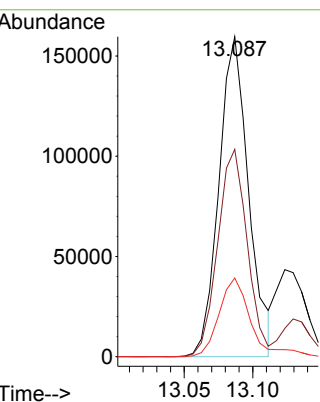
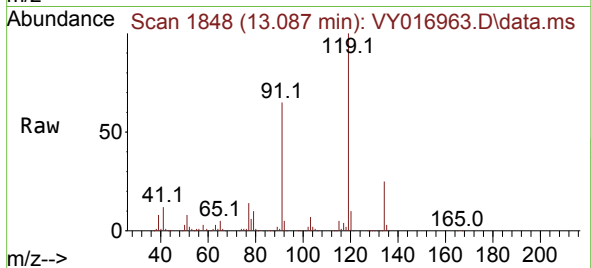
Tgt Ion:119 Resp: 240398

Ion Ratio Lower Upper

119 100

91 64.3 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 60.089 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.001 min

Lab File: VY016963.D

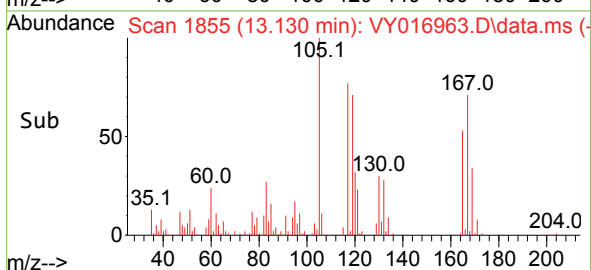
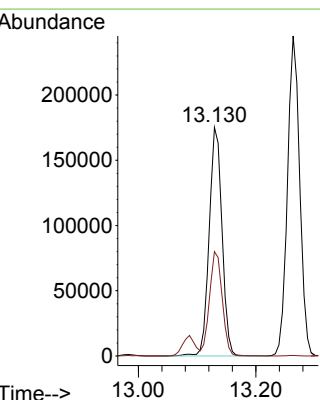
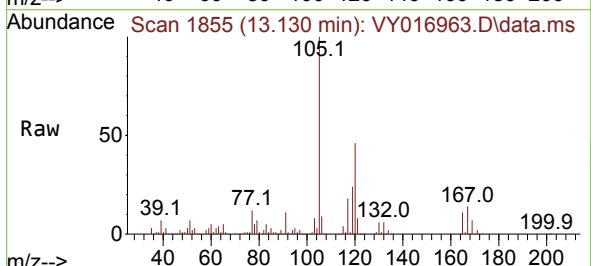
Acq: 10 Jan 2024 10:16

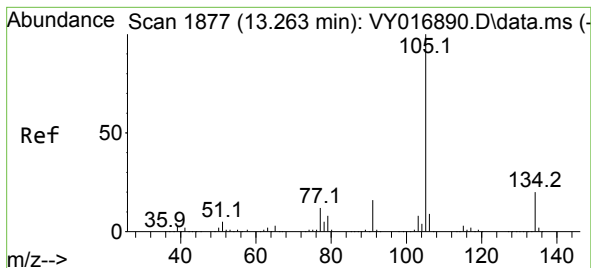
Tgt Ion:105 Resp: 265671

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 60.449 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

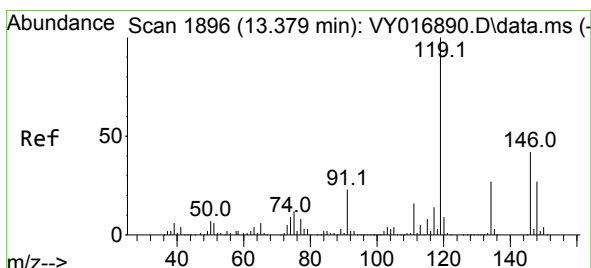
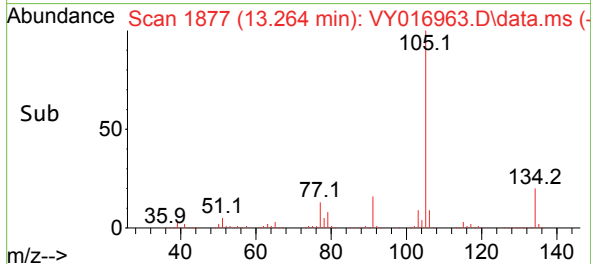
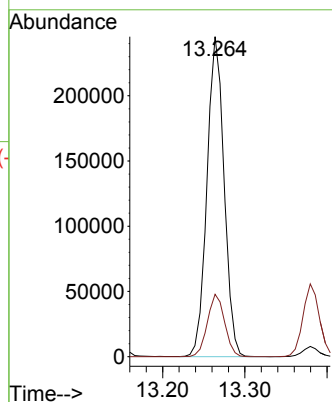
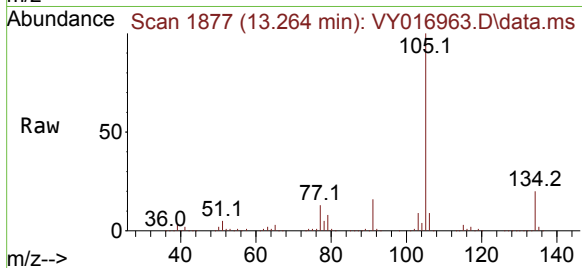
ClientSampleId :

Tgt Ion:105 Resp: 354184

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 61.495 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

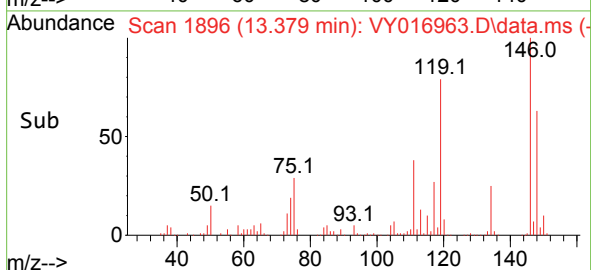
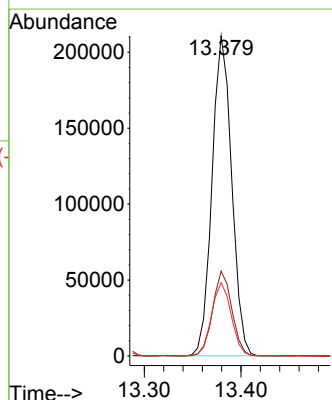
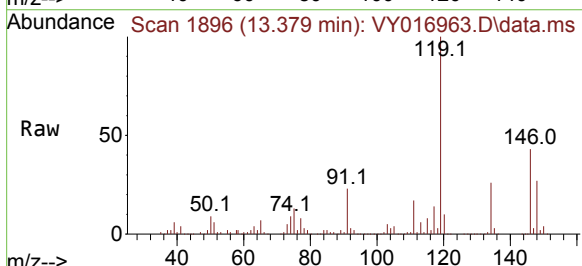
Tgt Ion:119 Resp: 297368

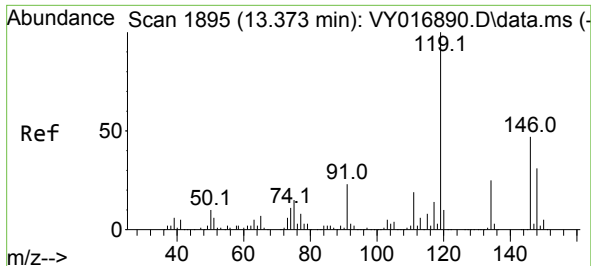
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 57.078 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

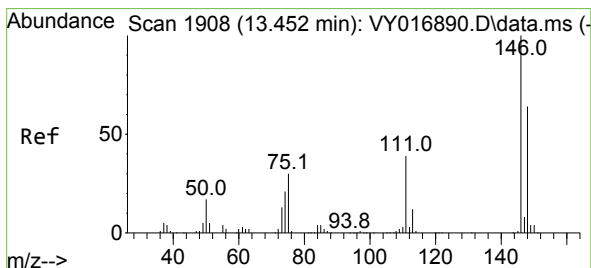
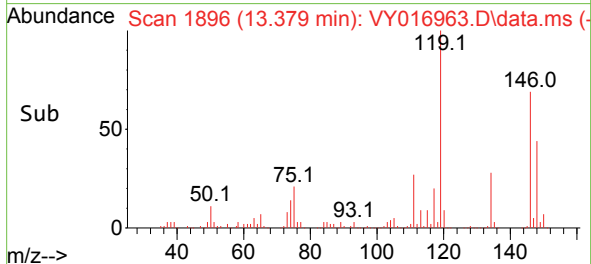
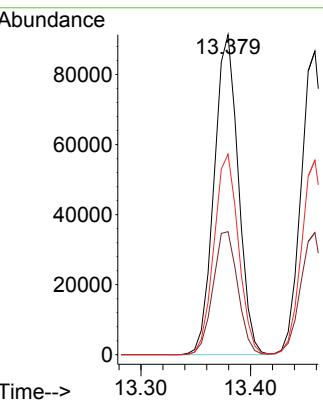
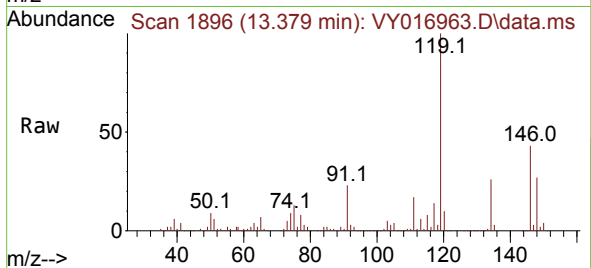
Tgt Ion:146 Resp: 139909

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 55.748 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

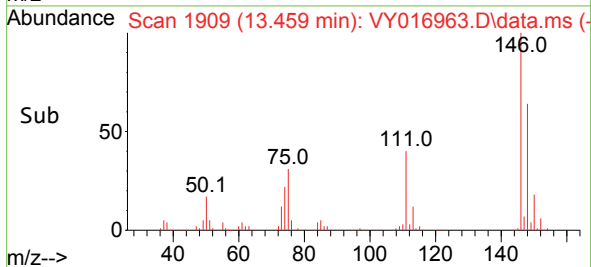
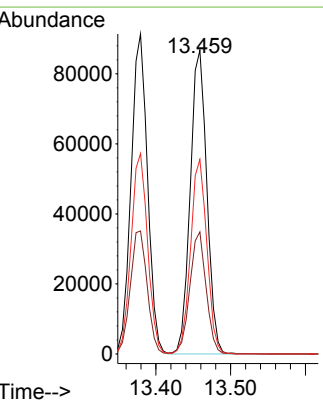
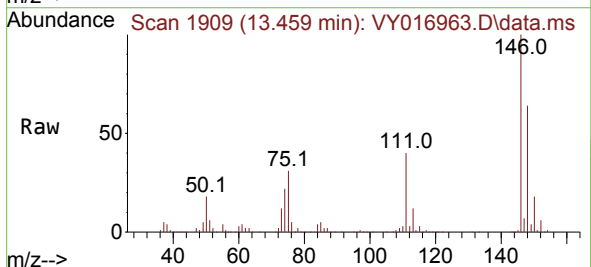
Tgt Ion:146 Resp: 133653

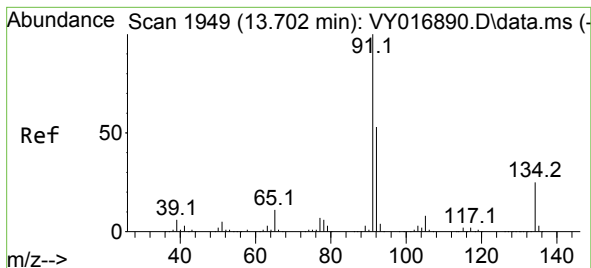
Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.9

148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 61.734 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

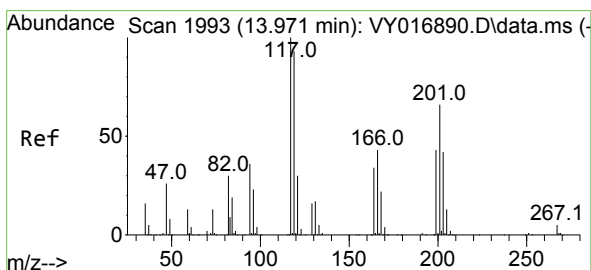
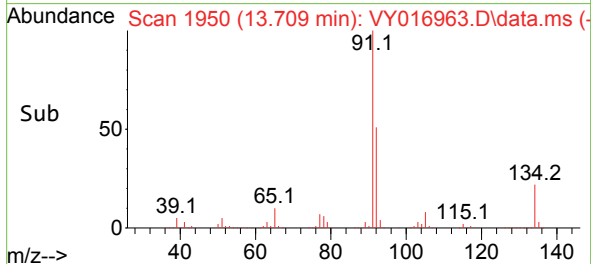
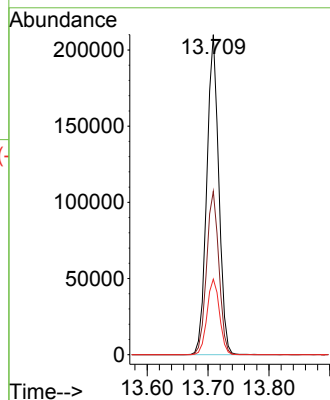
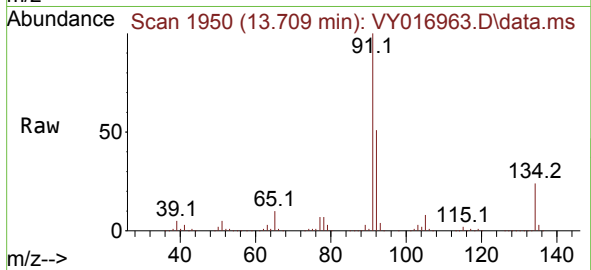
Tgt Ion: 91 Resp: 287021

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 56.164 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016963.D

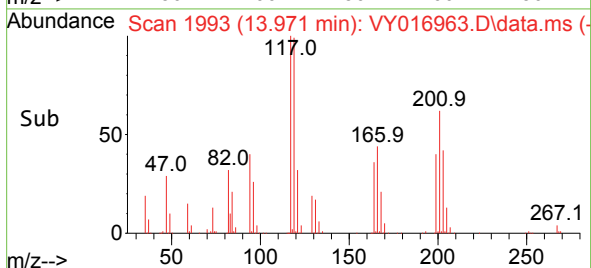
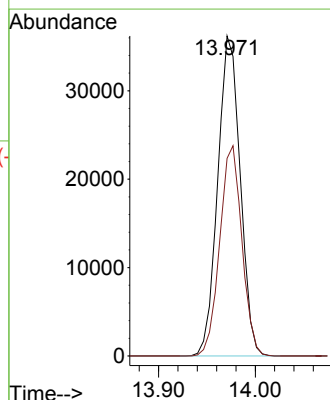
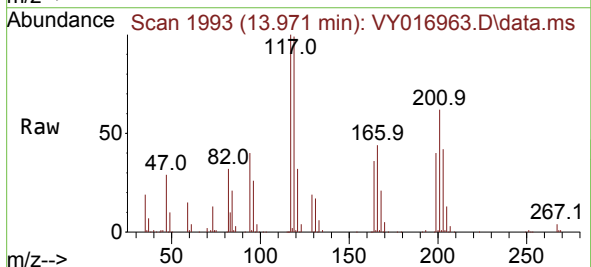
Acq: 10 Jan 2024 10:16

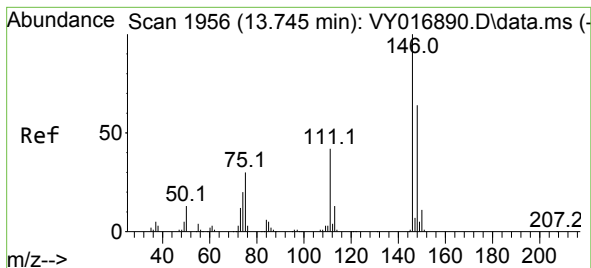
Tgt Ion: 117 Resp: 58360

Ion Ratio Lower Upper

117 100

201 64.8 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 55.889 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

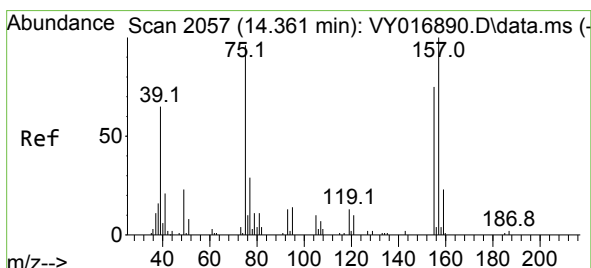
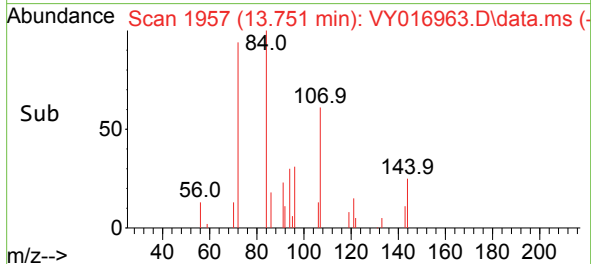
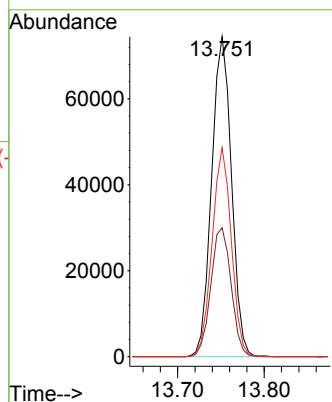
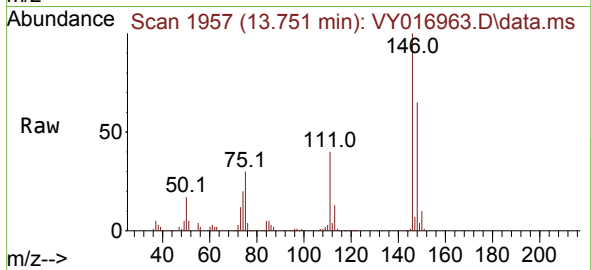
Tgt Ion:146 Resp: 118390

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 63.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.794 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

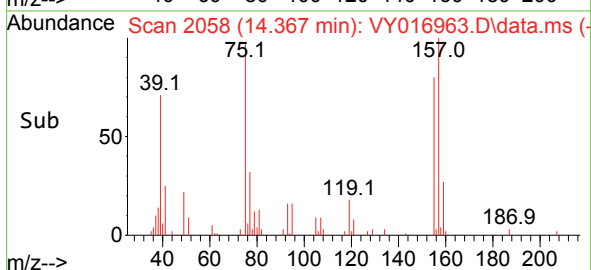
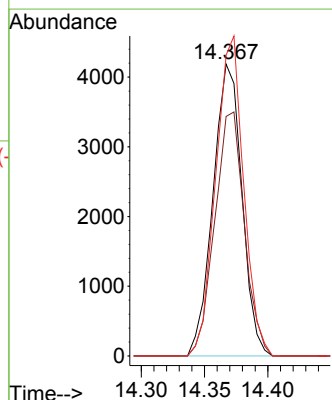
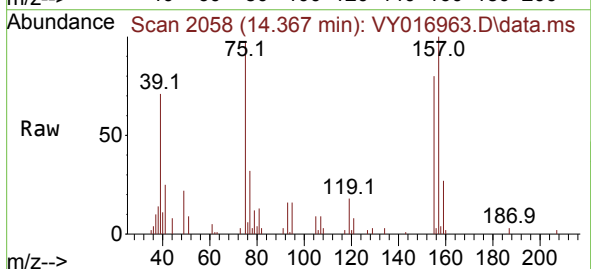
Tgt Ion: 75 Resp: 6642

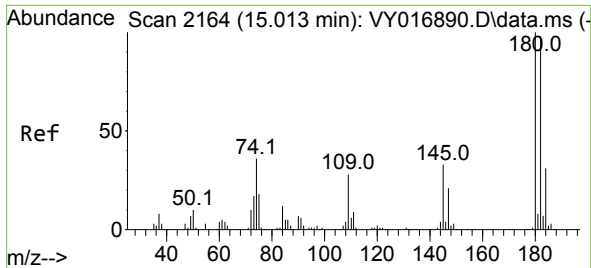
Ion Ratio Lower Upper

75 100

155 85.4 42.1 126.3

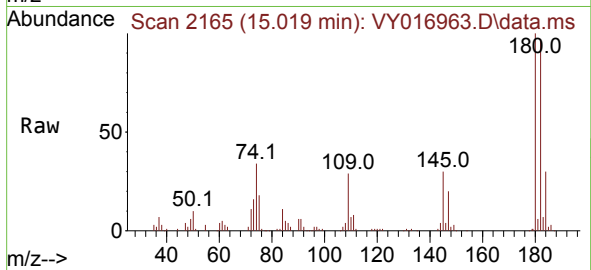
157 106.2 55.8 167.4



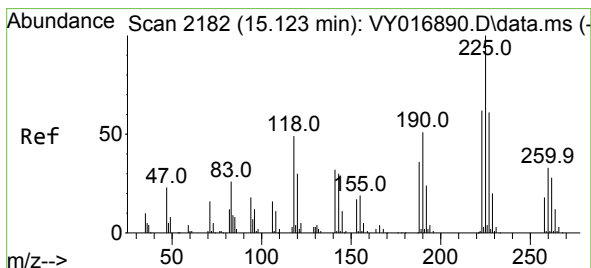
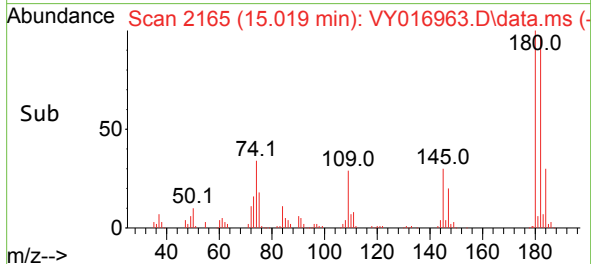
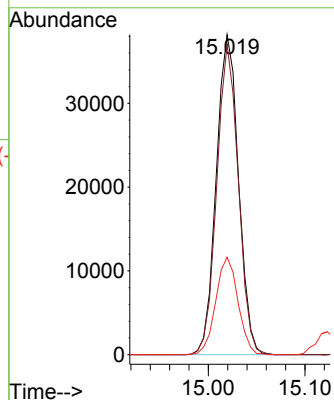


#93
 1,2,4-Trichlorobenzene
 Concen: 57.911 ug/l
 RT: 15.019 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY016963.D
 Acq: 10 Jan 2024 10:16

Instrument :
 MSVOA_Y
 ClientSampleId :

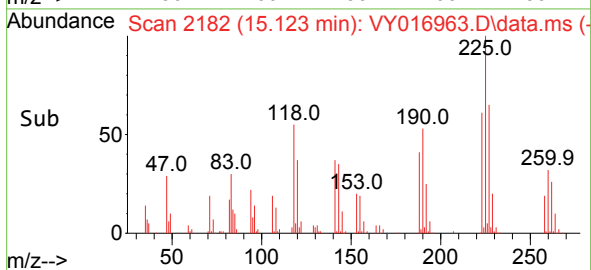
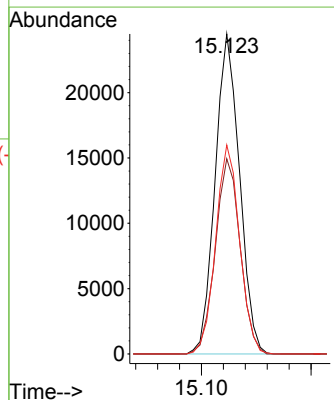
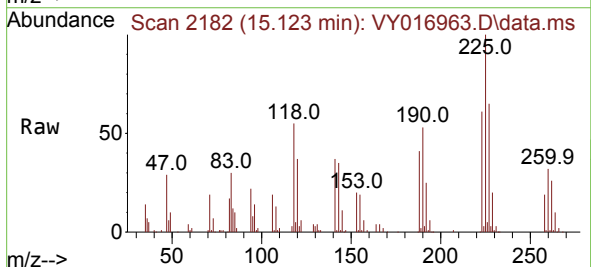


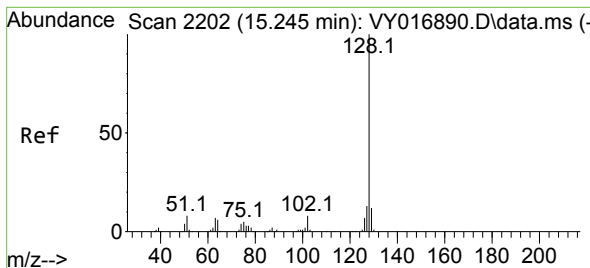
Tgt Ion:180 Resp: 60916
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.9 143.7
 145 30.5 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 57.482 ug/l
 RT: 15.123 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY016963.D
 Acq: 10 Jan 2024 10:16

Tgt Ion:225 Resp: 37878
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.4 94.3
 227 64.0 32.3 96.8





#95

Naphthalene

Concen: 52.817 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

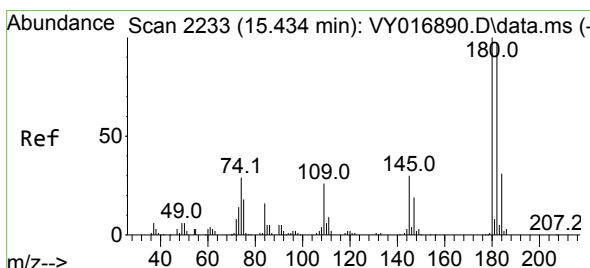
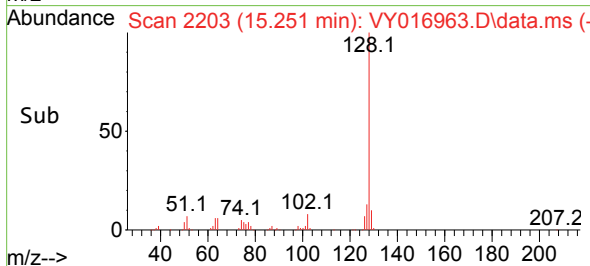
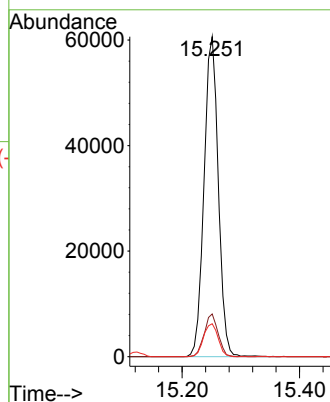
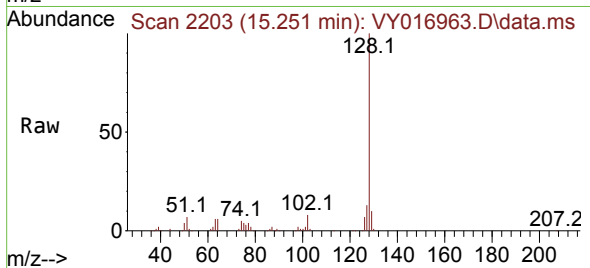
Tgt Ion:128 Resp: 101989

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 56.712 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016963.D

Acq: 10 Jan 2024 10:16

Tgt Ion:180 Resp: 50653

Ion Ratio Lower Upper

180 100

182 93.8 46.3 138.8

145 31.4 16.1 48.2

