

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016942.D
 Acq On : 09 Jan 2024 11:28
 Operator : SY/MD
 Sample : VY0109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:23:59 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	7.807	168	124608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	211265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	77637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61853	50.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.440%	
35) Dibromofluoromethane	7.740	113	66282	49.234	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.460%	
50) Toluene-d8	10.197	98	237813	51.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	12.496	95	77000	49.230	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	20966	20.440	ug/l	96
3) Chloromethane	2.125	50	29578	20.206	ug/l	100
4) Vinyl Chloride	2.266	62	36652	21.228	ug/l	99
5) Bromomethane	2.662	94	25672	20.754	ug/l	93
6) Chloroethane	2.808	64	24651	21.106	ug/l	99
7) Trichlorofluoromethane	3.144	101	46267	21.748	ug/l	99
8) Diethyl Ether	3.546	74	14714	21.642	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	30961	22.382	ug/l	99
10) Methyl Iodide	4.113	142	24120	20.496	ug/l	98
11) Tert butyl alcohol	4.973	59	11383	108.221	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	25871	21.798	ug/l	95
13) Acrolein	3.747	56	16051	115.273	ug/l	95
14) Allyl chloride	4.503	41	41478	22.107	ug/l	95
15) Acrylonitrile	5.180	53	35452	111.480	ug/l	100
16) Acetone	3.967	43	45627	139.664	ug/l	99
17) Carbon Disulfide	4.217	76	53680	18.929	ug/l	99
18) Methyl Acetate	4.497	43	26219	19.871	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	68190	22.084	ug/l	99
20) Methylene Chloride	4.741	84	36640	17.994	ug/l	96
21) trans-1,2-Dichloroethene	5.247	96	29251	21.519	ug/l	99
22) Diisopropyl ether	6.143	45	99831	23.014	ug/l	98
23) Vinyl Acetate	6.082	43	232666	116.979	ug/l	100
24) 1,1-Dichloroethane	6.039	63	58192	22.324	ug/l	100
25) 2-Butanone	7.009	43	55806	128.051	ug/l	98
26) 2,2-Dichloropropane	7.003	77	49141	21.743	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	35709	22.410	ug/l	99
28) Bromochloromethane	7.356	49	20222	20.664	ug/l	100
29) Tetrahydrofuran	7.368	42	27246	109.305	ug/l	99
30) Chloroform	7.527	83	60441	22.500	ug/l	98
31) Cyclohexane	7.807	56	44548	21.075	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	50771	22.291	ug/l	99
36) 1,1-Dichloropropene	7.941	75	42576	21.700	ug/l	98
37) Ethyl Acetate	7.094	43	20317	22.787	ug/l	98
38) Carbon Tetrachloride	7.923	117	42864	21.504	ug/l	99
39) Methylcyclohexane	9.203	83	45916	20.818	ug/l	98
40) Benzene	8.179	78	126788	21.542	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9399	20.016	ug/l #	85
42) 1,2-Dichloroethane	8.258	62	34080	21.812	ug/l	99
43) Isopropyl Acetate	8.289	43	37640	22.045	ug/l	99
44) Trichloroethene	8.960	130	31985	21.357	ug/l	99
45) 1,2-Dichloropropane	9.234	63	33252	21.930	ug/l	97
46) Dibromomethane	9.325	93	16579	21.439	ug/l	100
47) Bromodichloromethane	9.514	83	45017	21.679	ug/l	96
48) Methyl methacrylate	9.307	41	19453	21.111	ug/l	97
49) 1,4-Dioxane	9.319	88	3491	436.001	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	100572	110.759	ug/l	99
52) Toluene	10.264	92	78163	22.006	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	39881	21.441	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	49205	22.028	ug/l	100
55) 1,1,2-Trichloroethane	10.661	97	25472	22.547	ug/l	96
56) Ethyl methacrylate	10.526	69	20684	21.616	ug/l	96
57) 1,3-Dichloropropane	10.807	76	41460	21.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	53717	100.427	ug/l	99
59) 2-Hexanone	10.850	43	79019	118.184	ug/l	99
60) Dibromochloromethane	11.002	129	28334	21.748	ug/l	100
61) 1,2-Dibromoethane	11.106	107	21543	21.948	ug/l	100
64) Tetrachloroethene	10.740	164	24561	21.400	ug/l	97
65) Chlorobenzene	11.532	112	82355	22.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	31763	22.658	ug/l	99
67) Ethyl Benzene	11.612	91	146247	22.028	ug/l	100
68) m/p-Xylenes	11.721	106	108695	44.602	ug/l	99
69) o-Xylene	12.044	106	51165	22.395	ug/l	98
70) Styrene	12.063	104	74627	22.444	ug/l	99
71) Bromoform	12.221	173	15423	22.348	ug/l #	99
73) Isopropylbenzene	12.343	105	141713	22.353	ug/l	99
74) N-amyl acetate	12.160	43	28632	22.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	29121	22.543	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	33623	39.909	ug/l #	100
77) Bromobenzene	12.624	156	30683	21.982	ug/l	98
78) n-propylbenzene	12.685	91	172274	22.352	ug/l	99
79) 2-Chlorotoluene	12.770	91	94768	22.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	112471	22.431	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7767	20.934	ug/l	99
82) 4-Chlorotoluene	12.874	91	95976	21.980	ug/l	99
83) tert-Butylbenzene	13.087	119	95137	21.542	ug/l	95
84) 1,2,4-Trimethylbenzene	13.136	105	110238	22.325	ug/l	99
85) sec-Butylbenzene	13.270	105	147269	22.505	ug/l	99
86) p-Isopropyltoluene	13.386	119	120522	22.316	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	59515	21.740	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	58793	21.958	ug/l	99
89) n-Butylbenzene	13.709	91	115809	22.303	ug/l	99
90) Hexachloroethane	13.977	117	25514	21.985	ug/l	99
91) 1,2-Dichlorobenzene	13.758	146	51584	21.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3570	22.039	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	26377	22.452	ug/l	98
94) Hexachlorobutadiene	15.129	225	16601	22.557	ug/l	99
95) Naphthalene	15.251	128	45225	22.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	21581	21.635	ug/l	97

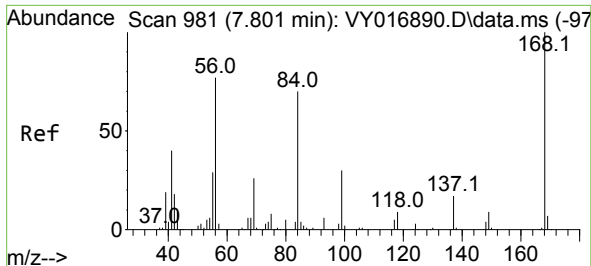
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
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Response via : Initial Calibration

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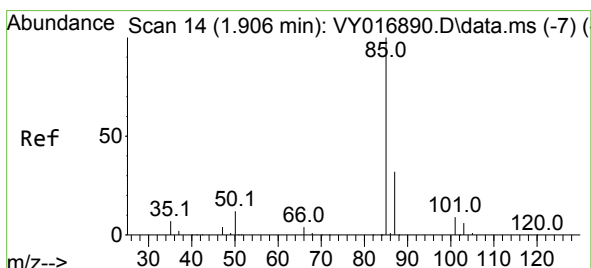
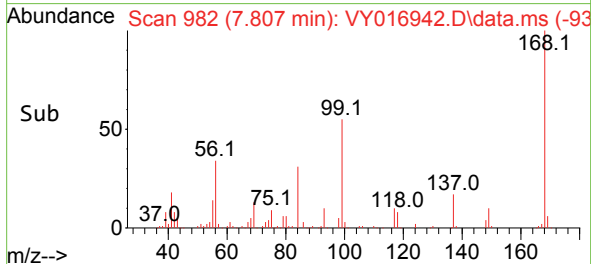
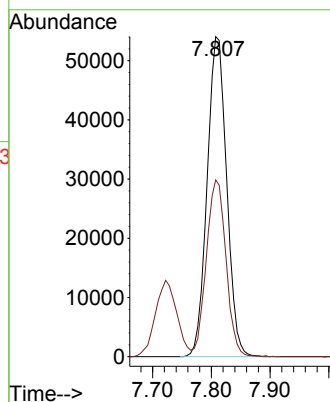
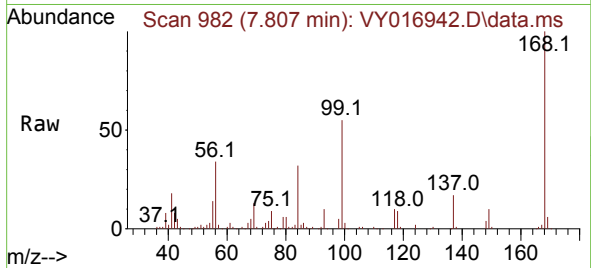
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

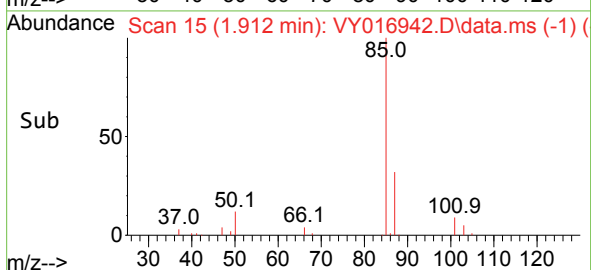
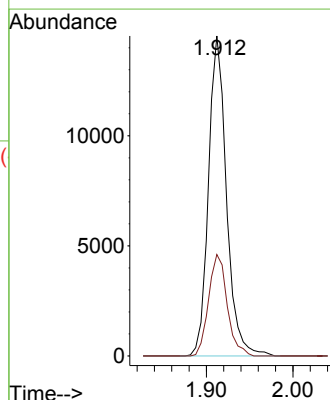
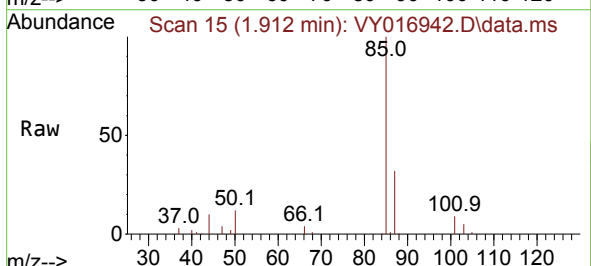
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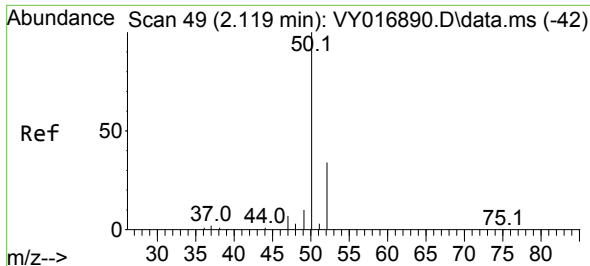
Tgt Ion:168 Resp: 124608
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.440 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 85 Resp: 20966
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3

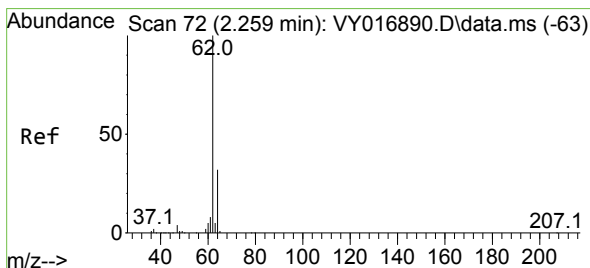
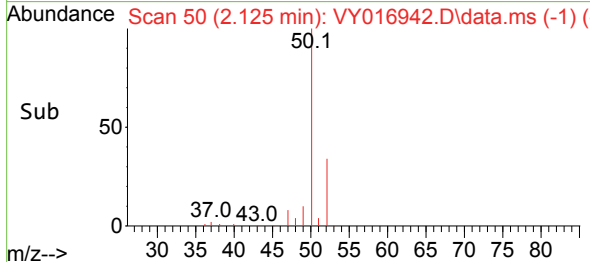
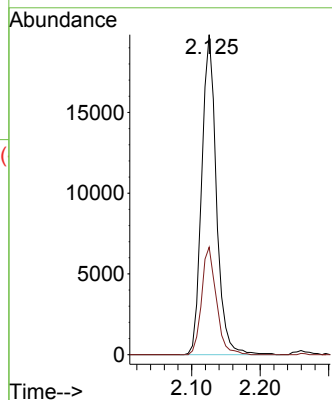
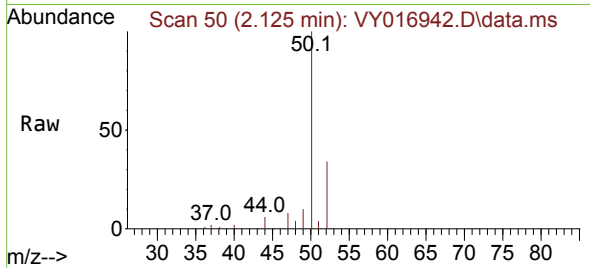




#3
Chloromethane
Concen: 20.206 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

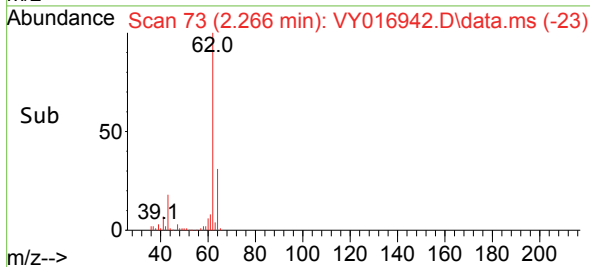
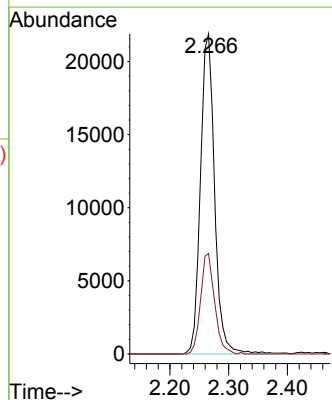
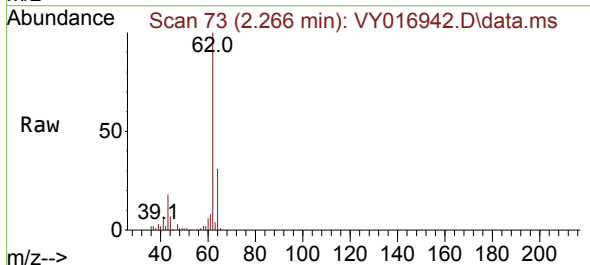
Instrument :
MSVOA_Y
ClientSampleId :

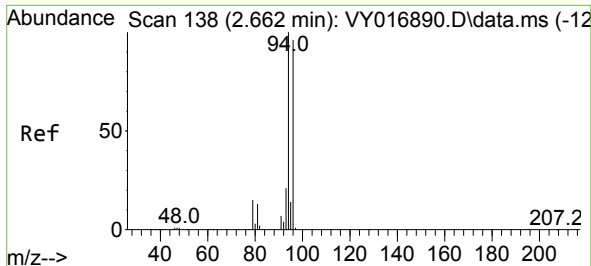
Tgt Ion: 50 Resp: 29578
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1



#4
Vinyl Chloride
Concen: 21.228 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 62 Resp: 36652
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

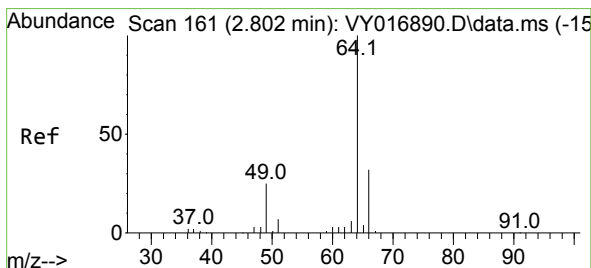
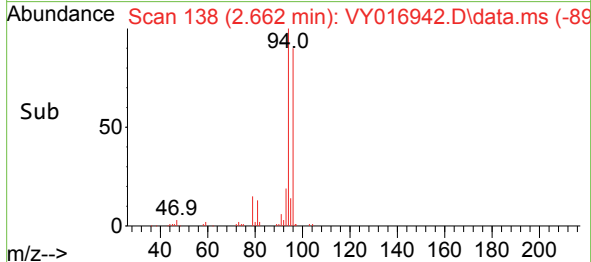
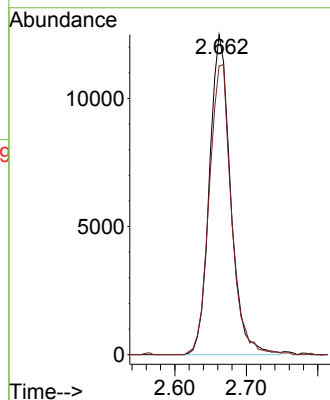
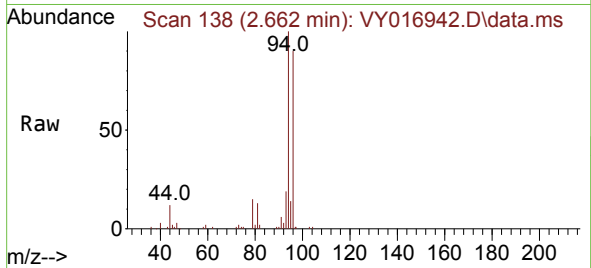




#5
Bromomethane
Concen: 20.754 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

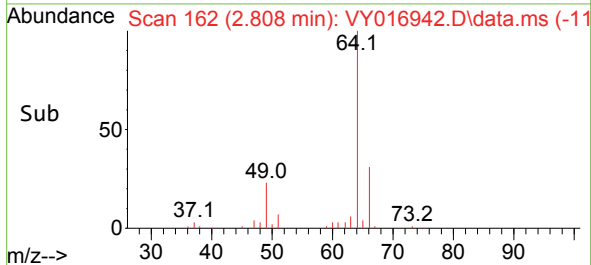
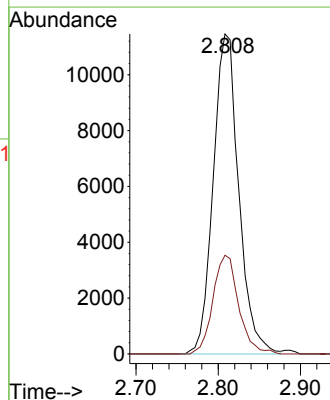
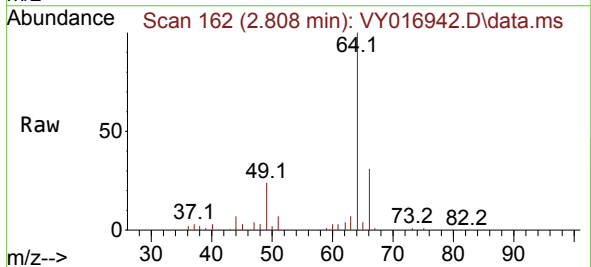
Instrument :
MSVOA_Y
ClientSampleId :

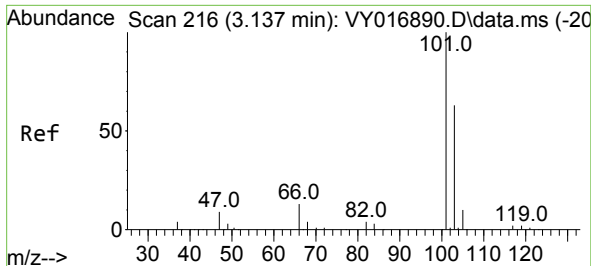
Tgt Ion: 94 Resp: 25672
Ion Ratio Lower Upper
94 100
96 90.2 77.3 115.9



#6
Chloroethane
Concen: 21.106 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

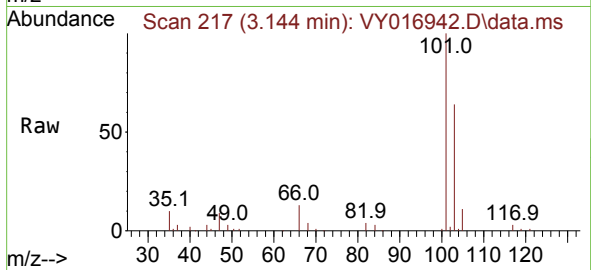
Tgt Ion: 64 Resp: 24651
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7



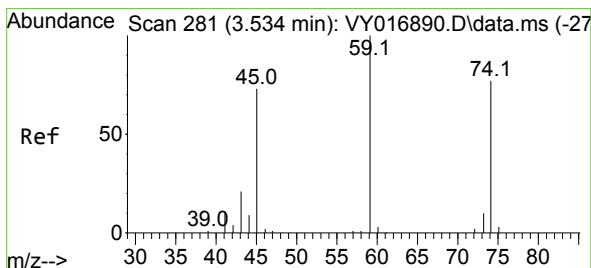
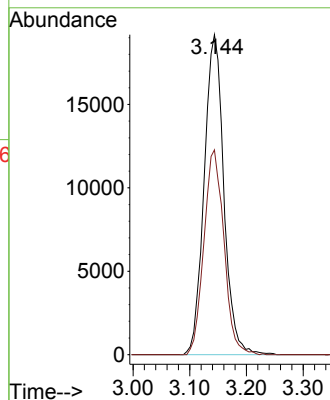
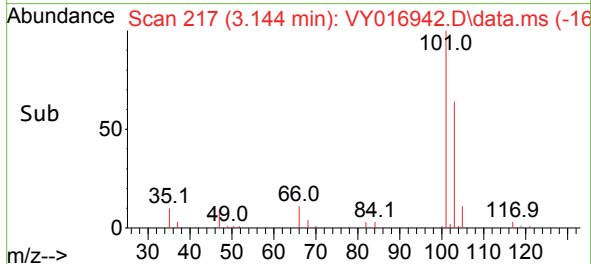


#7
Trichlorofluoromethane
Concen: 21.748 ug/l
RT: 3.144 min Scan# 216
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Instrument :
MSVOA_Y
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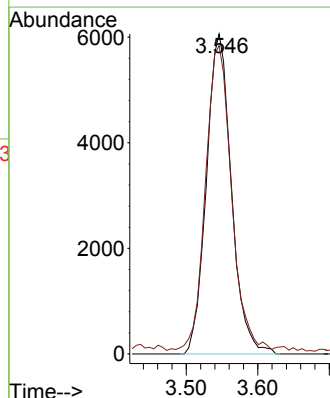
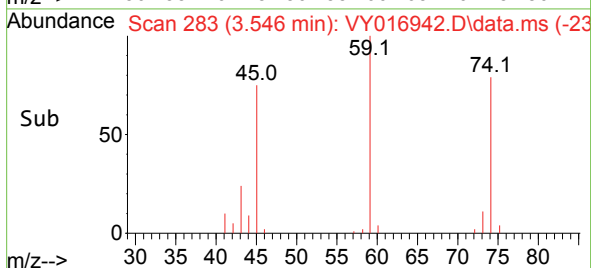
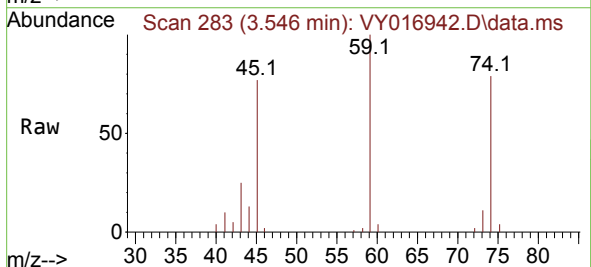


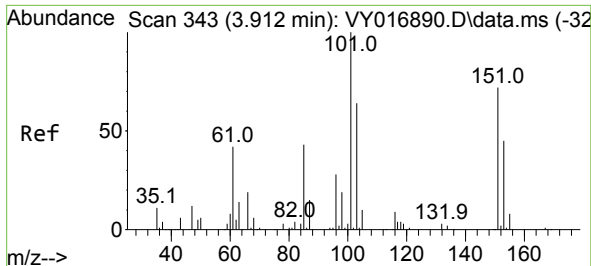
Tgt Ion:101 Resp: 46267
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



#8
Diethyl Ether
Concen: 21.642 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 74 Resp: 14714
Ion Ratio Lower Upper
74 100
45 97.4 47.9 143.7

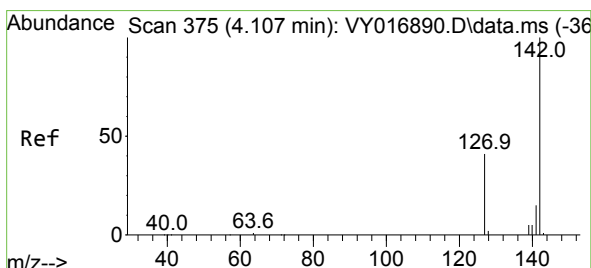
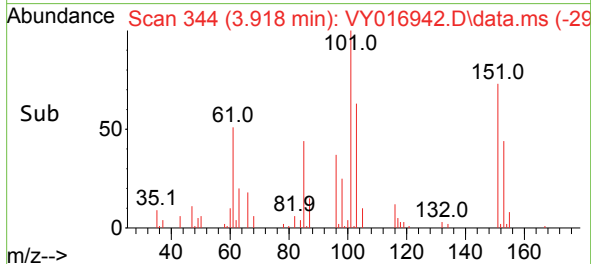
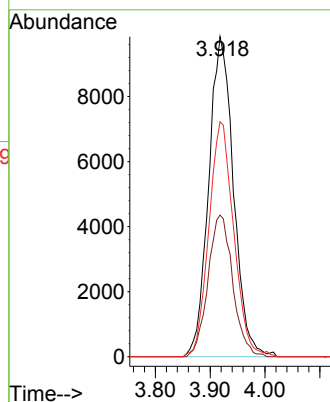
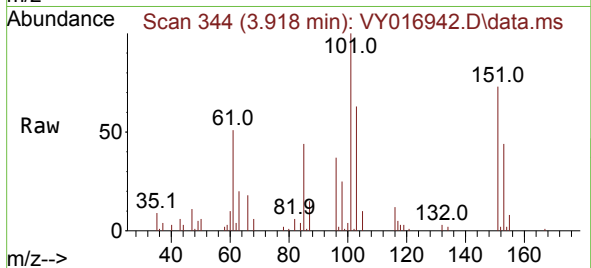




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.382 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

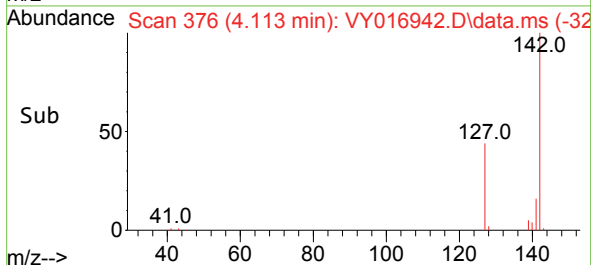
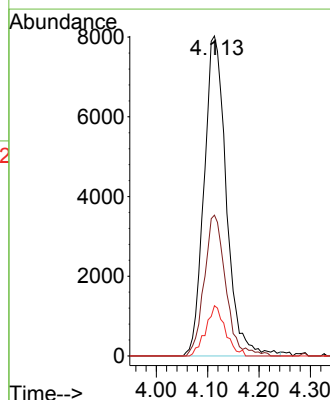
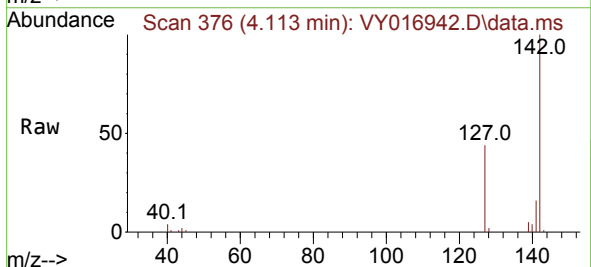
Instrument :
MSVOA_Y
ClientSampleId :

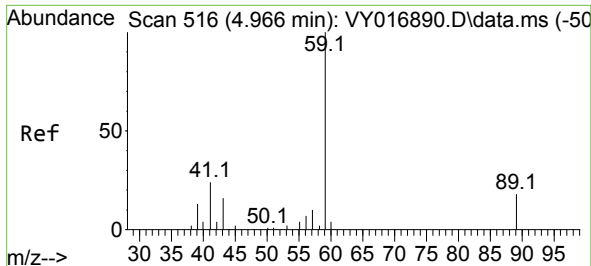
Tgt Ion:101 Resp: 30961
Ion Ratio Lower Upper
101 100
85 43.9 35.8 53.6
151 73.4 58.6 88.0



#10
Methyl Iodide
Concen: 20.496 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion:142 Resp: 24120
Ion Ratio Lower Upper
142 100
127 42.7 35.1 52.7
141 13.8 11.8 17.6

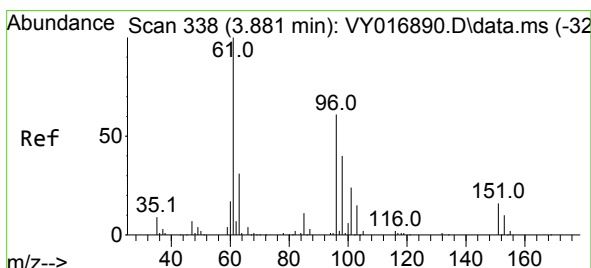
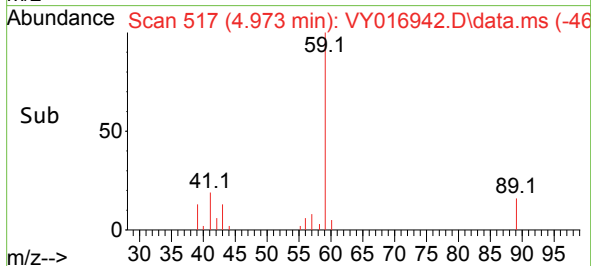
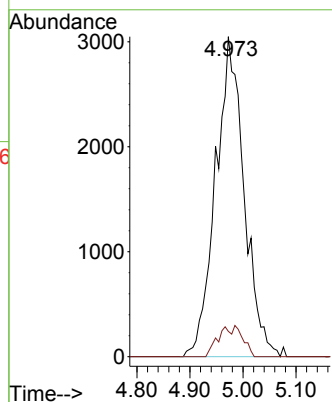
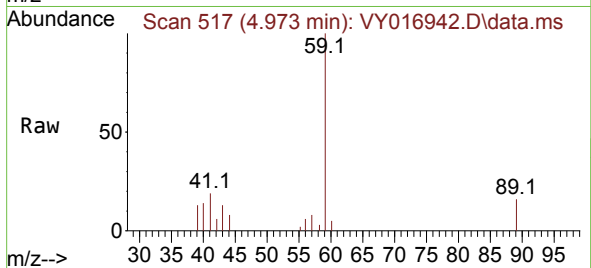




#11
Tert butyl alcohol
Concen: 108.221 ug/l
RT: 4.973 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

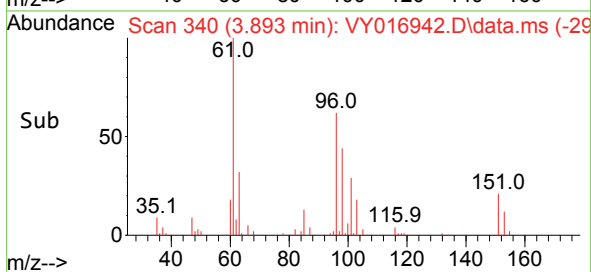
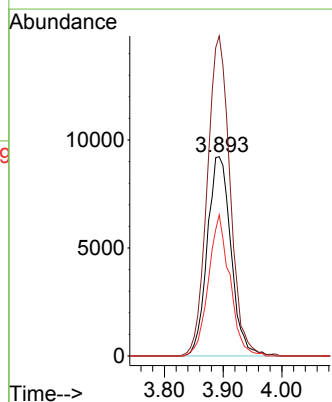
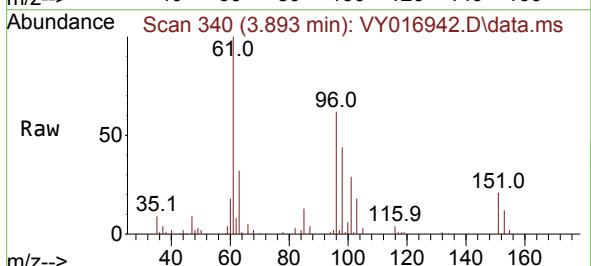
Instrument :
MSVOA_Y
ClientSampleId :

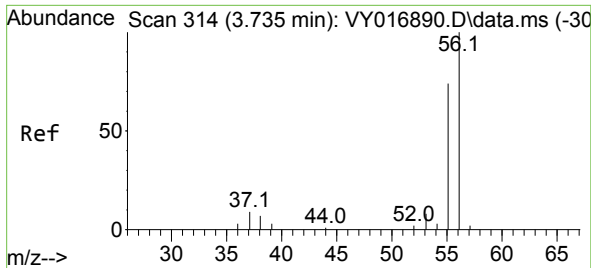
Tgt Ion: 59 Resp: 11383
Ion Ratio Lower Upper
59 100
57 4.8 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 21.798 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 96 Resp: 25871
Ion Ratio Lower Upper
96 100
61 160.7 124.2 186.2
98 70.8 52.6 79.0





#13

Acrolein

Concen: 115.273 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

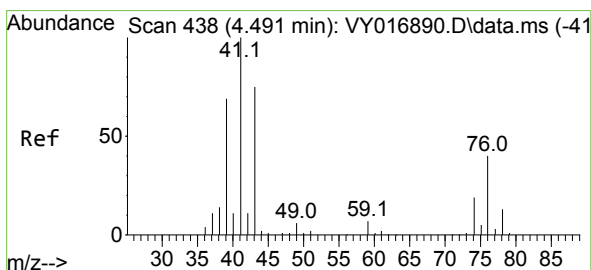
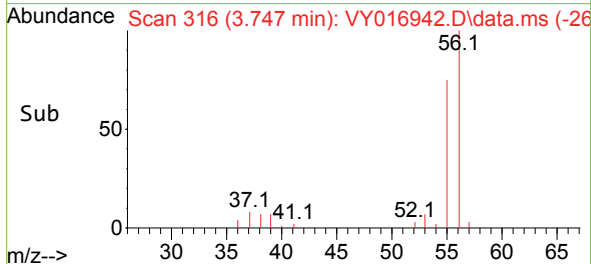
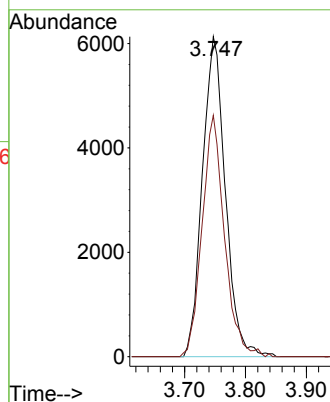
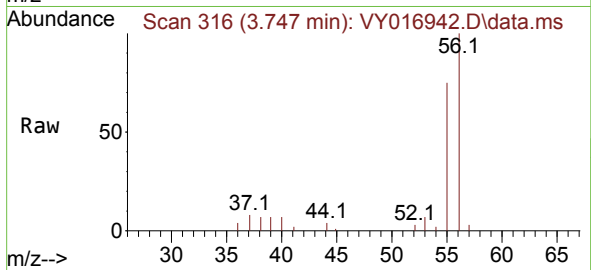
ClientSampleId :

Tgt Ion: 56 Resp: 16051

Ion Ratio Lower Upper

56 100

55 73.5 55.4 83.0



#14

Allyl chloride

Concen: 22.107 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

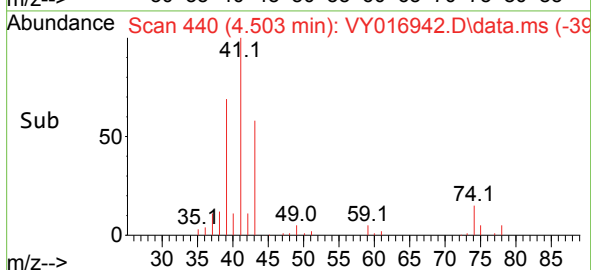
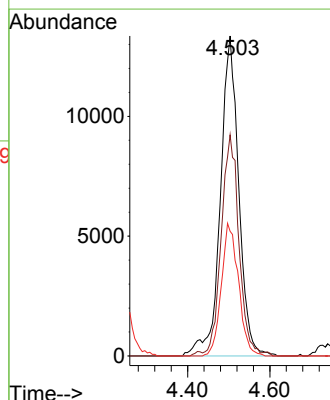
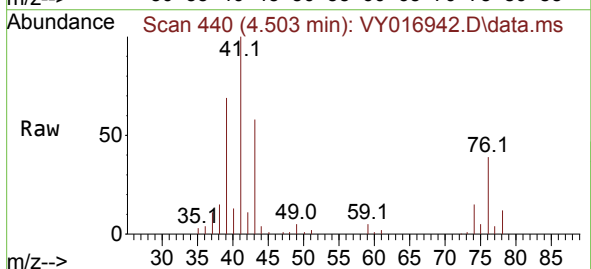
Tgt Ion: 41 Resp: 41478

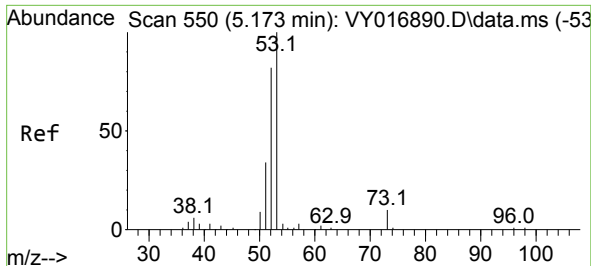
Ion Ratio Lower Upper

41 100

39 63.5 54.7 82.1

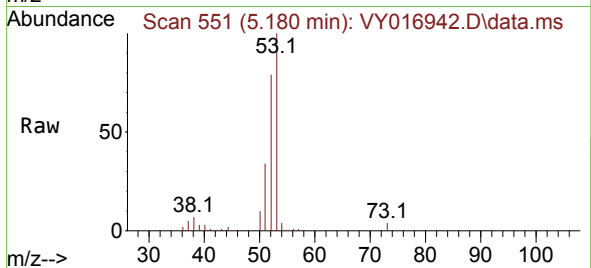
76 38.6 31.8 47.6



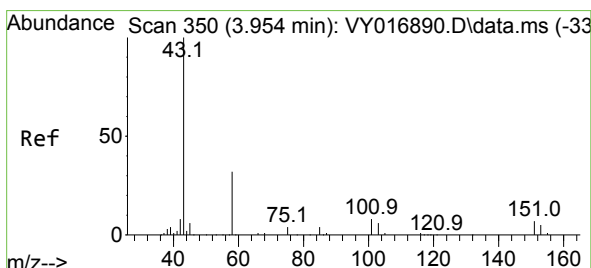
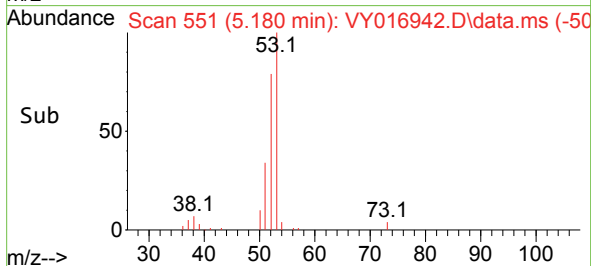
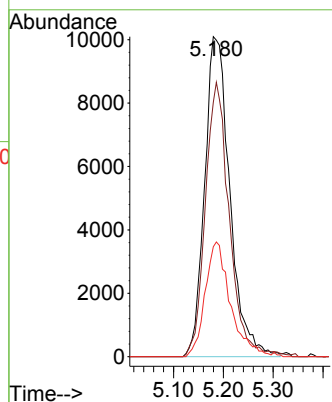


#15
Acrylonitrile
Concen: 111.480 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

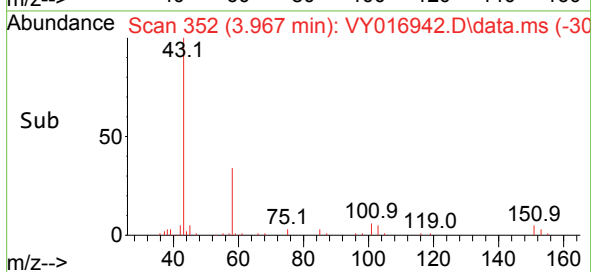
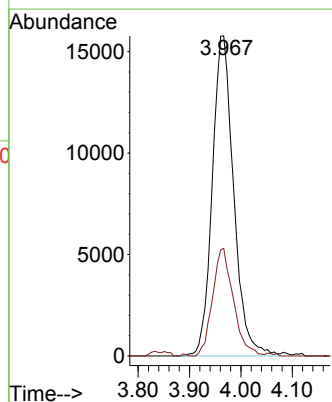
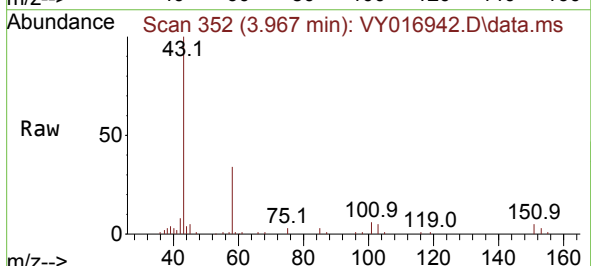


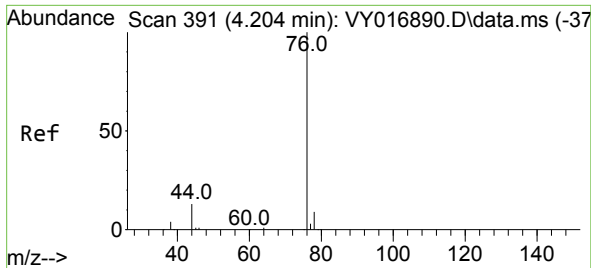
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	35.8	29.0	43.4



#16
Acetone
Concen: 139.664 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.6	39.8





#17

Carbon Disulfide

Concen: 18.929 ug/l

RT: 4.217 min Scan# 391

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

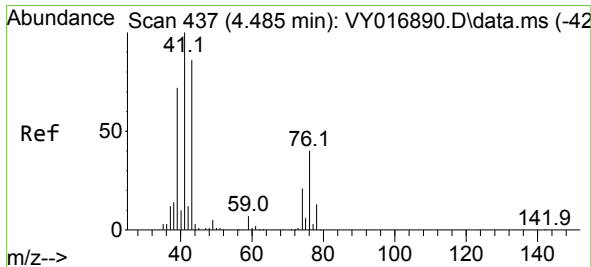
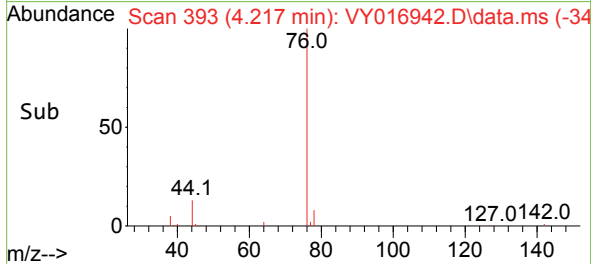
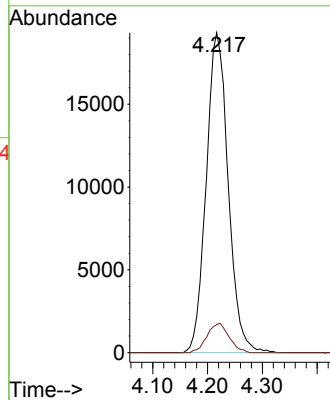
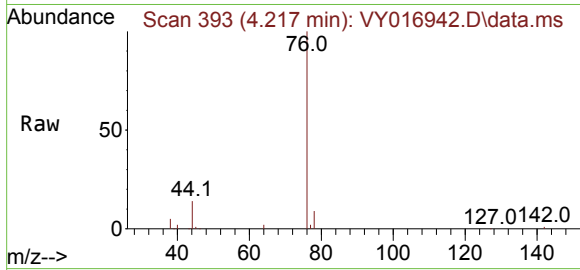
ClientSampleId :

Tgt Ion: 76 Resp: 53680

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 19.871 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016942.D

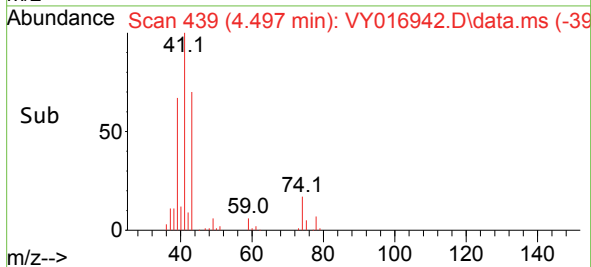
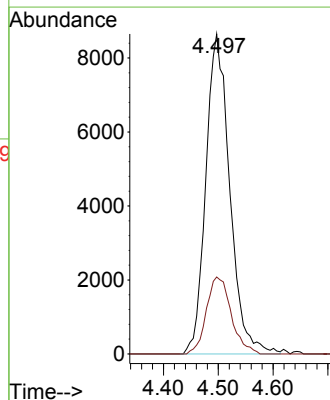
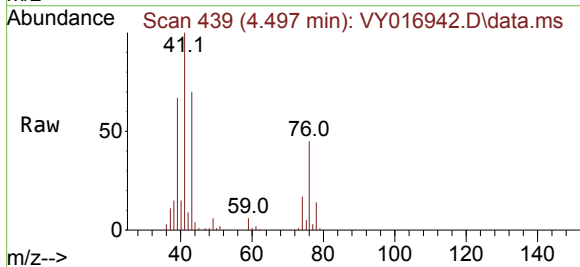
Acq: 09 Jan 2024 11:28

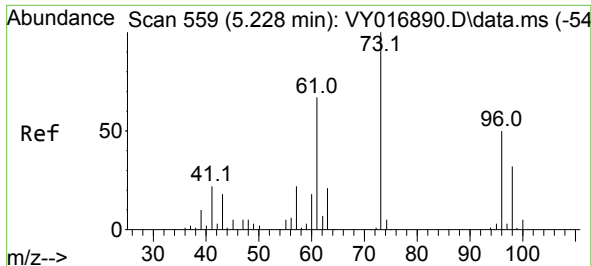
Tgt Ion: 43 Resp: 26219

Ion Ratio Lower Upper

43 100

74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 22.084 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

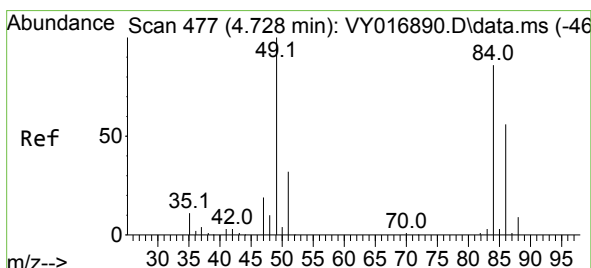
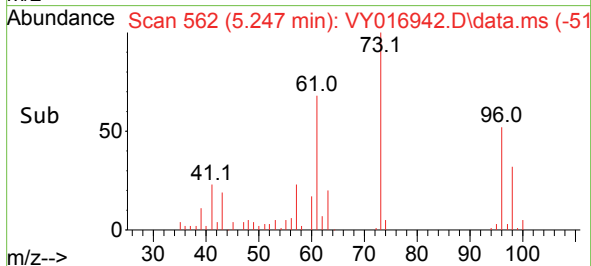
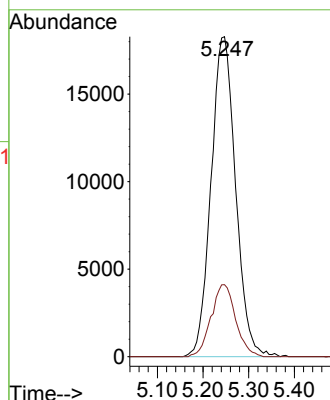
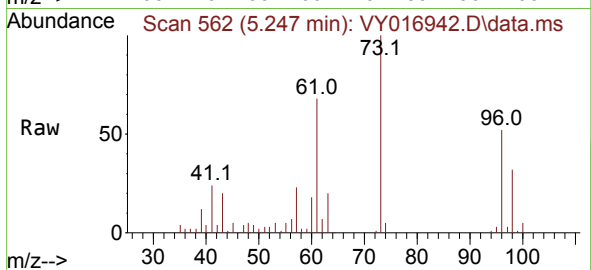
ClientSampleId :

Tgt Ion: 73 Resp: 68190

Ion Ratio Lower Upper

73 100

57 22.5 17.7 26.5



#20

Methylene Chloride

Concen: 17.994 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Tgt Ion: 84 Resp: 36640

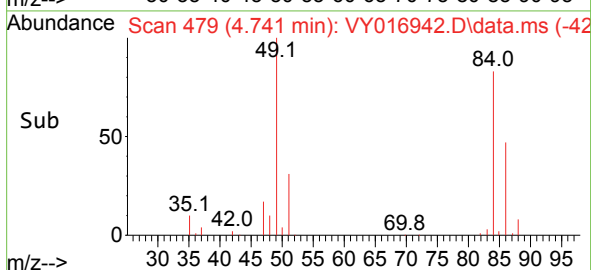
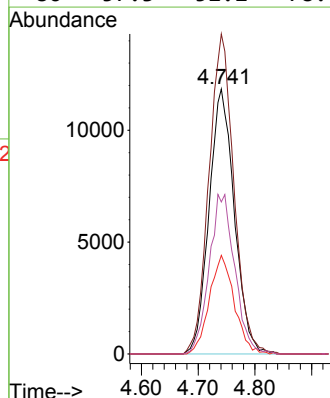
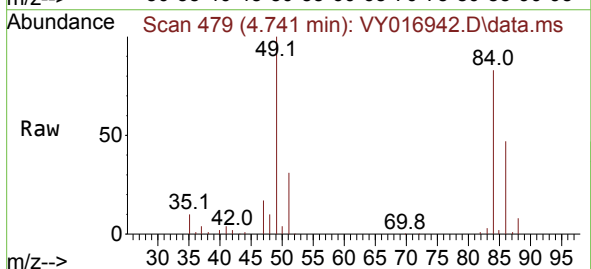
Ion Ratio Lower Upper

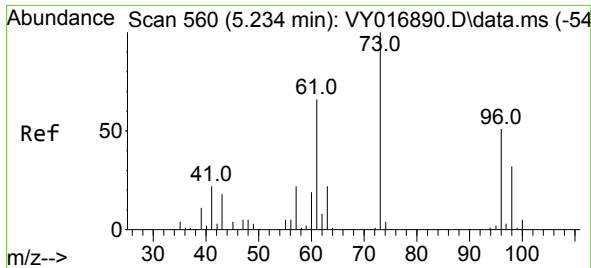
84 100

49 120.8 95.2 142.8

51 37.2 29.9 44.9

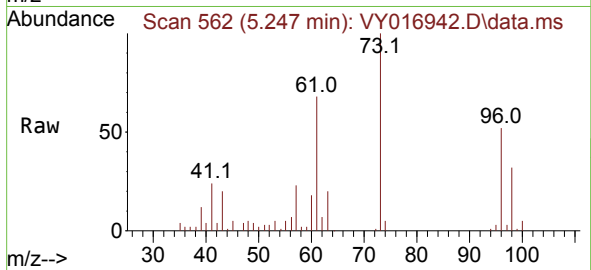
86 57.3 52.2 78.4



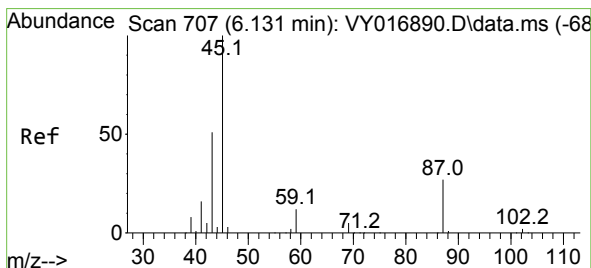
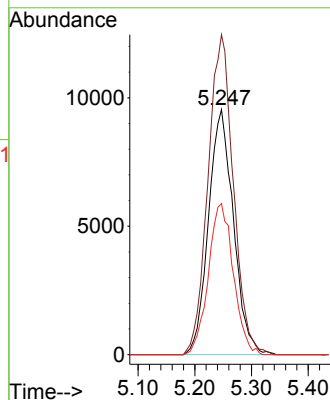
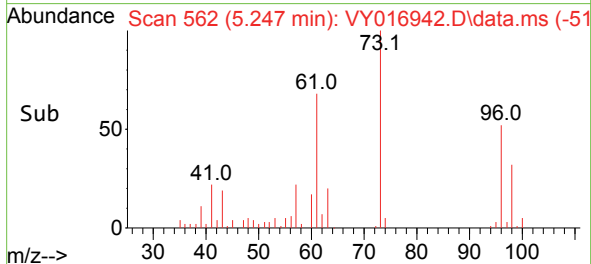


#21
trans-1,2-Dichloroethene
Concen: 21.519 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

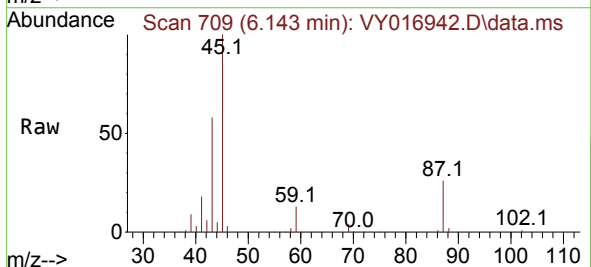
Instrument :
MSVOA_Y
ClientSampleId :



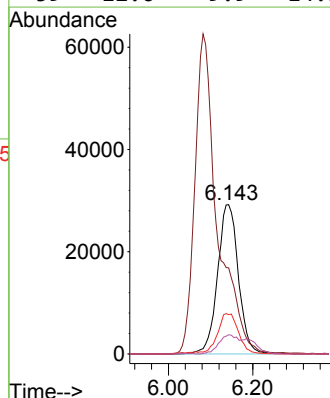
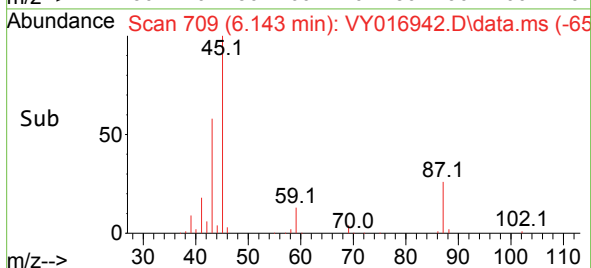
Tgt Ion: 96	Resp: 29251
Ion Ratio	Lower Upper
96 100	
61 130.6	104.6 156.8
98 61.6	50.9 76.3

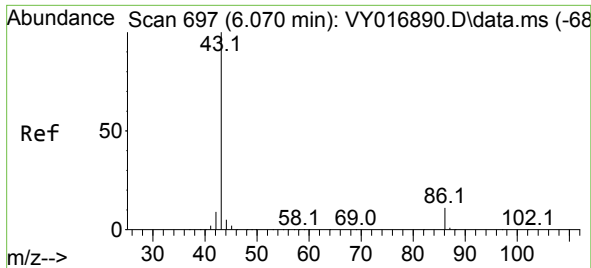


#22
Diisopropyl ether
Concen: 23.014 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28



Tgt Ion: 45	Resp: 99831
Ion Ratio	Lower Upper
45 100	
43 56.8	46.8 70.2
87 26.4	22.2 33.2
59 12.6	9.9 14.9





#23

Vinyl Acetate

Concen: 116.979 ug/l

RT: 6.082 min Scan# 699

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

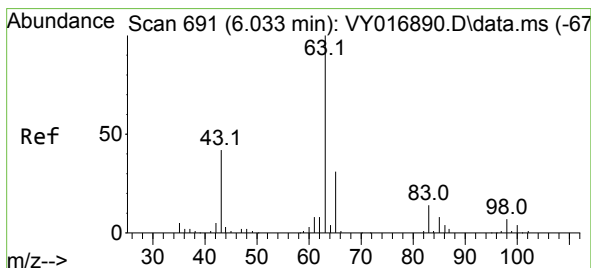
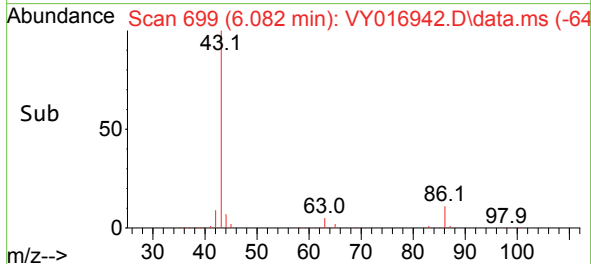
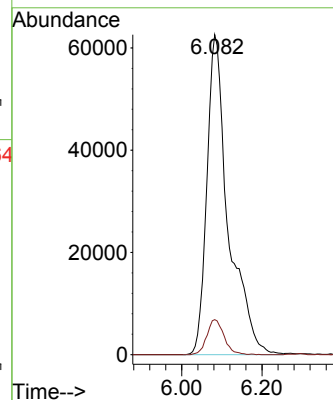
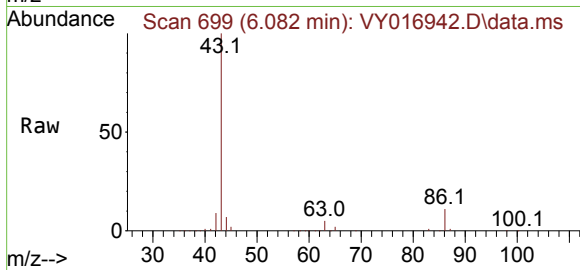
ClientSampleId :

Tgt Ion: 43 Resp: 232666

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 22.324 ug/l

RT: 6.039 min Scan# 692

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

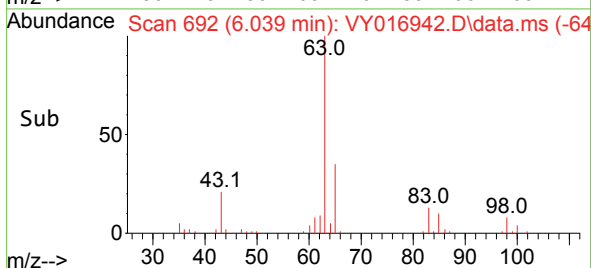
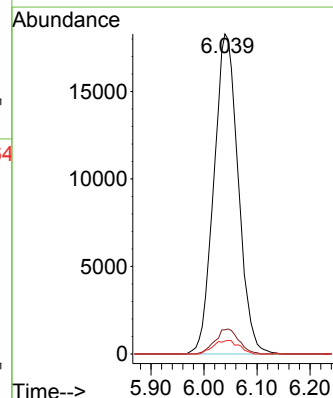
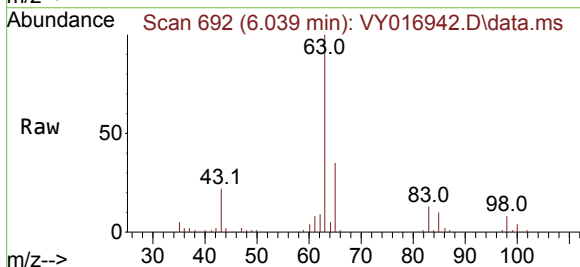
Tgt Ion: 63 Resp: 58192

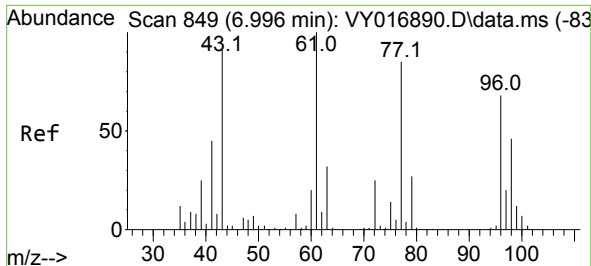
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.0 2.1 6.2

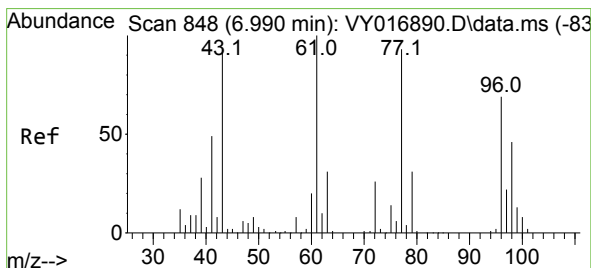
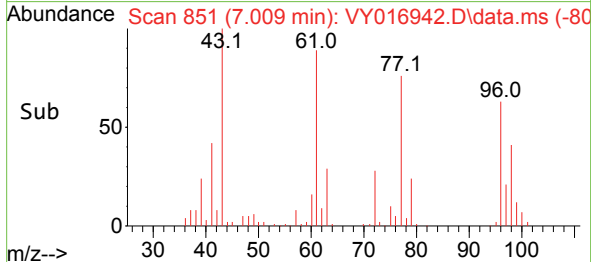
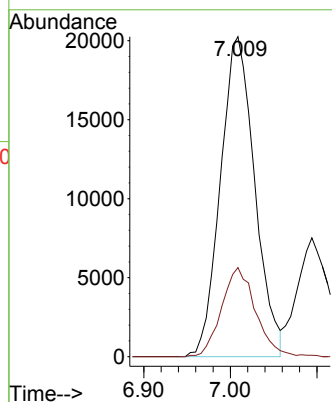
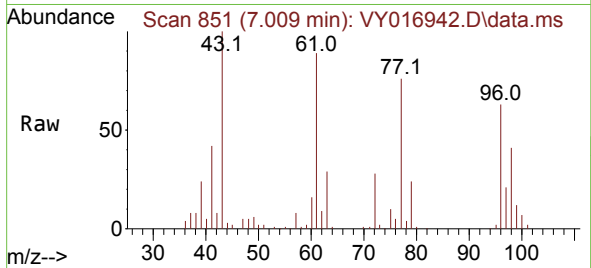




#25
2-Butanone
Concen: 128.051 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

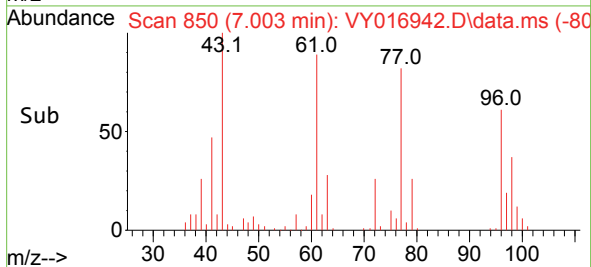
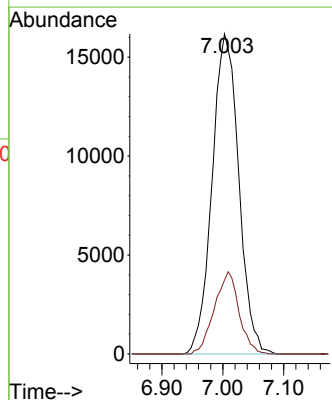
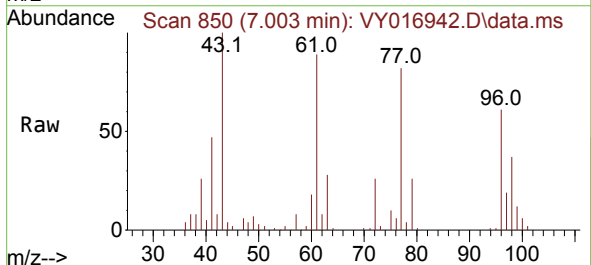
Instrument :
MSVOA_Y
ClientSampleId :

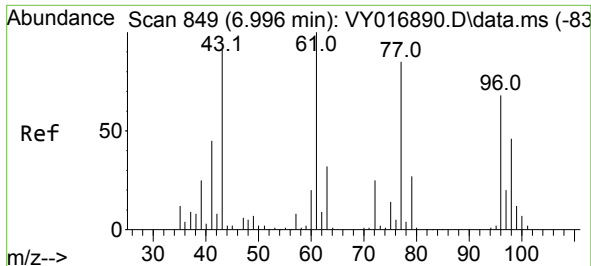
Tgt Ion: 43 Resp: 55806
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.743 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 77 Resp: 49141
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0

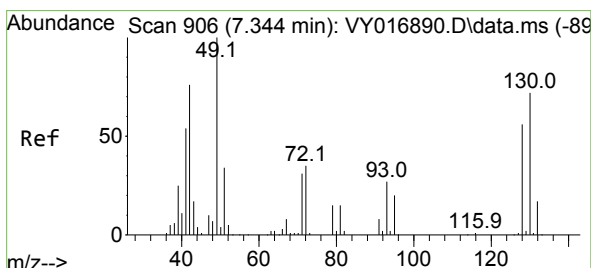
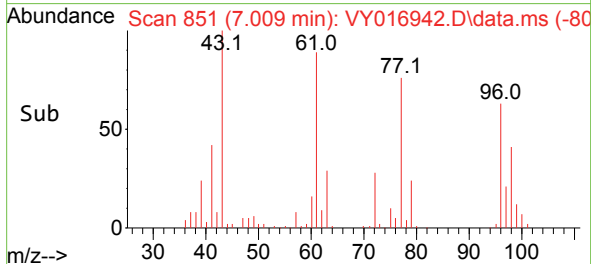
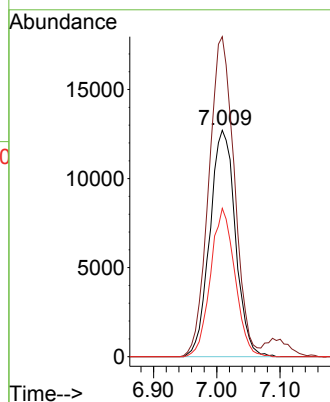
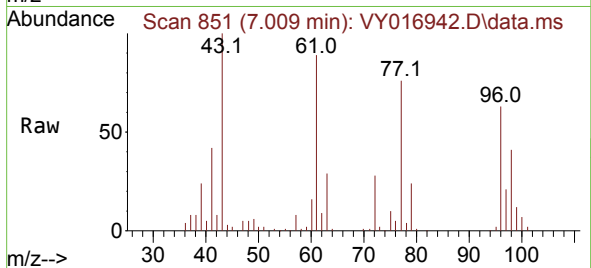




#27
 cis-1,2-Dichloroethene
 Concen: 22.410 ug/l
 RT: 7.009 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VY016942.D
 Acq: 09 Jan 2024 11:28

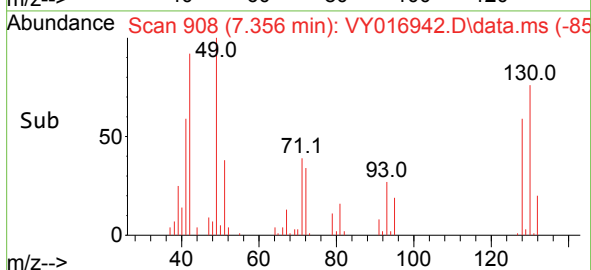
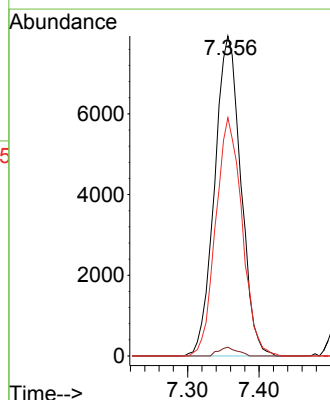
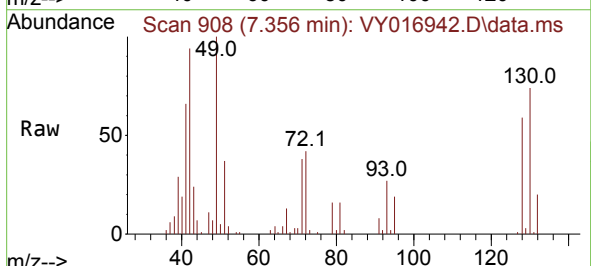
Instrument :
 MSVOA_Y
 ClientSampleId :

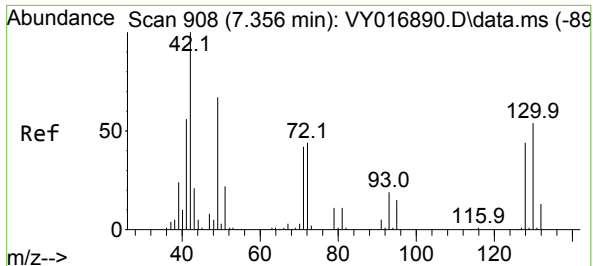
Tgt Ion: 96 Resp: 35709
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 278.8
 98 62.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.664 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY016942.D
 Acq: 09 Jan 2024 11:28

Tgt Ion: 49 Resp: 20222
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 74.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 109.305 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

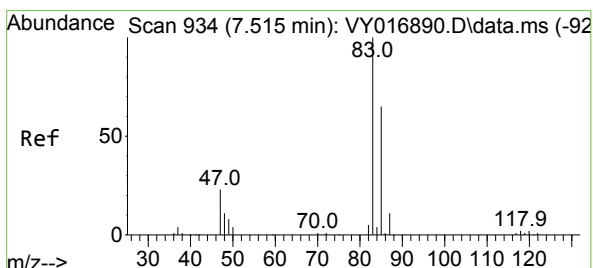
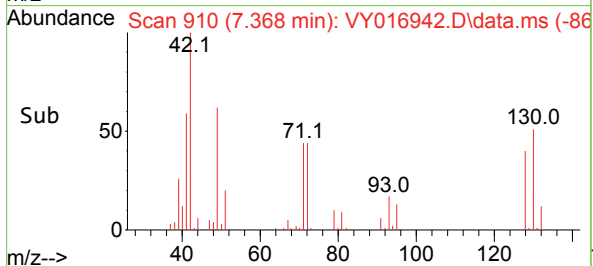
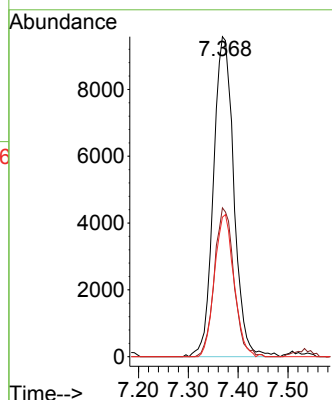
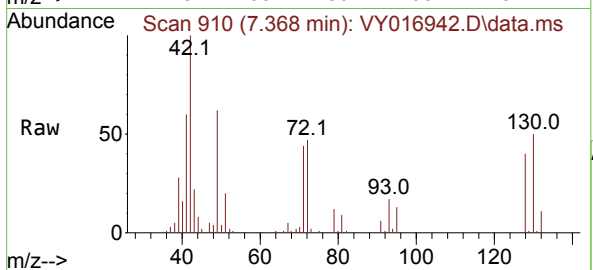
Tgt Ion: 42 Resp: 27246

Ion Ratio Lower Upper

42 100

72 44.5 36.6 54.8

71 42.5 33.8 50.6



#30

Chloroform

Concen: 22.500 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016942.D

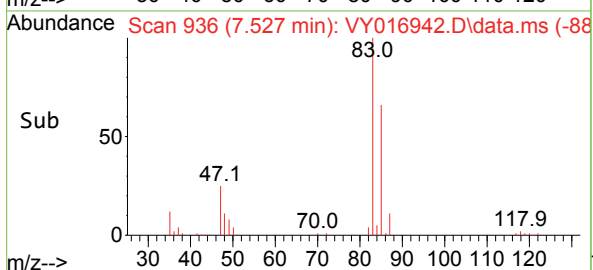
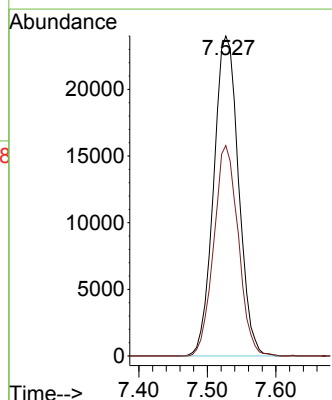
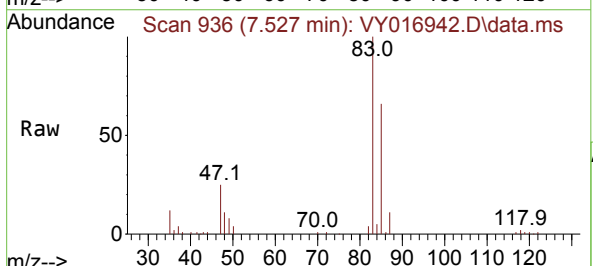
Acq: 09 Jan 2024 11:28

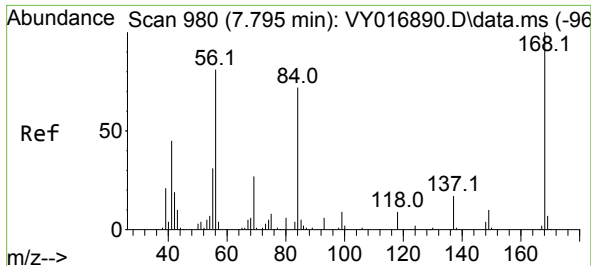
Tgt Ion: 83 Resp: 60441

Ion Ratio Lower Upper

83 100

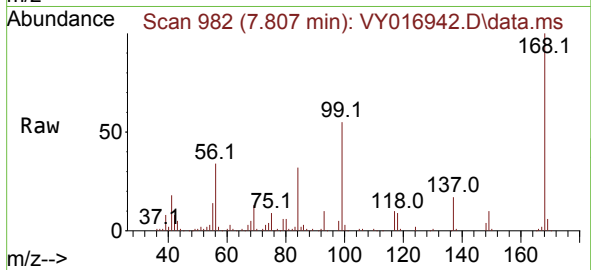
85 65.7 51.2 76.8



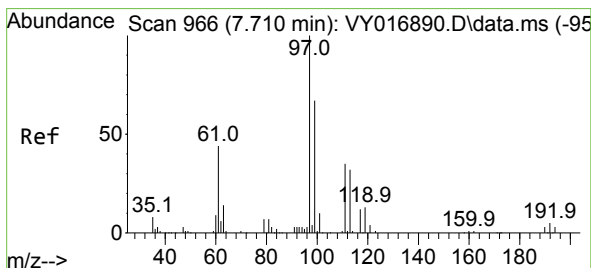
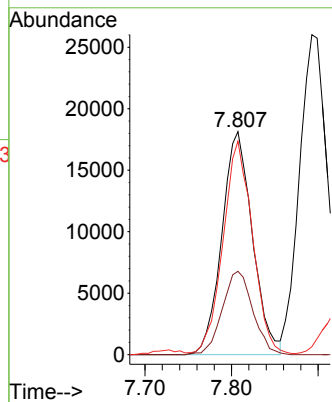
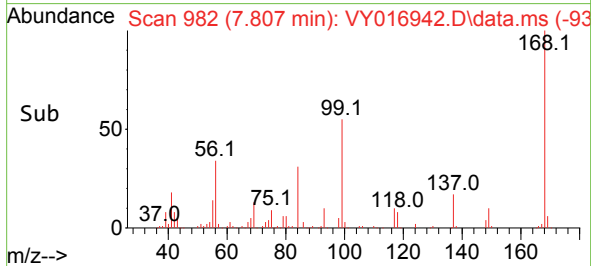


#31
Cyclohexane
Concen: 21.075 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

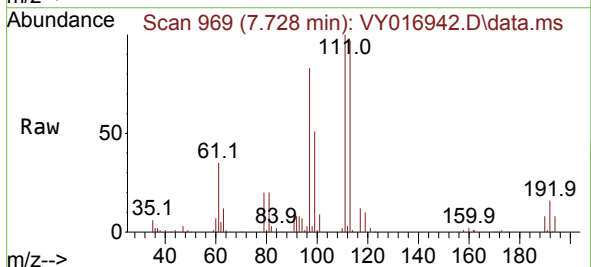
Instrument :
MSVOA_Y
ClientSampleId :



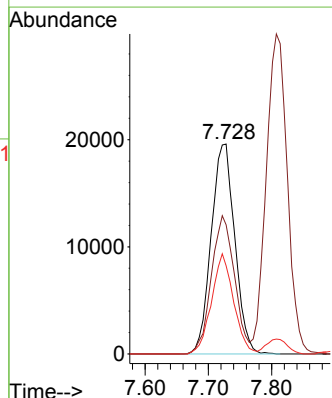
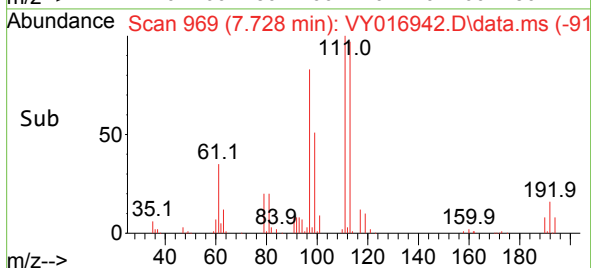
Tgt Ion: 56 Resp: 44548
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 93.9 71.8 107.6

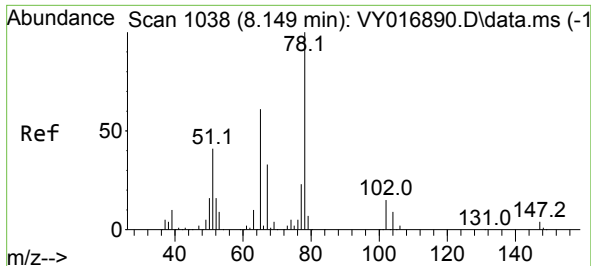


#32
1,1,1-Trichloroethane
Concen: 22.291 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28



Tgt Ion: 97 Resp: 50771
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 44.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.223 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

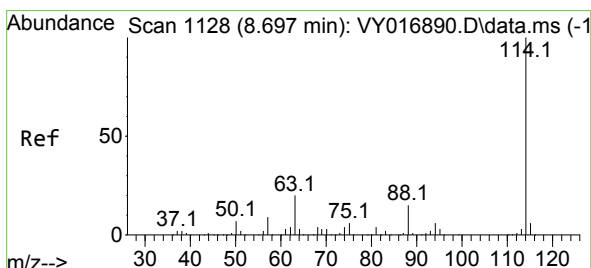
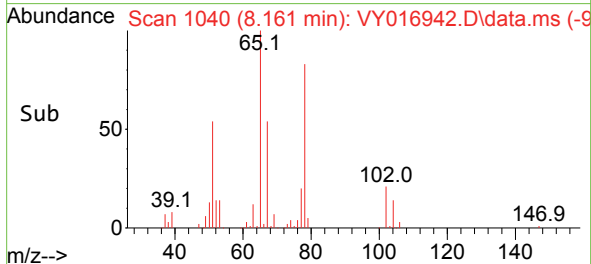
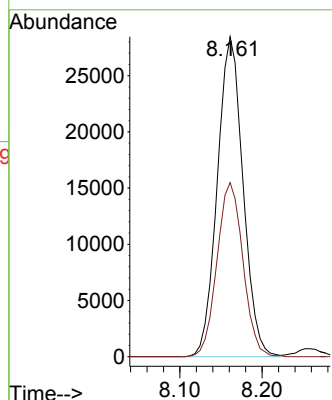
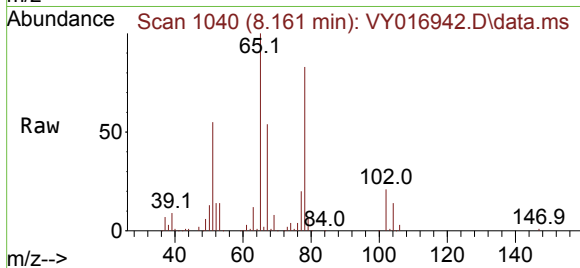
ClientSampleId :

Tgt Ion: 65 Resp: 61853

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

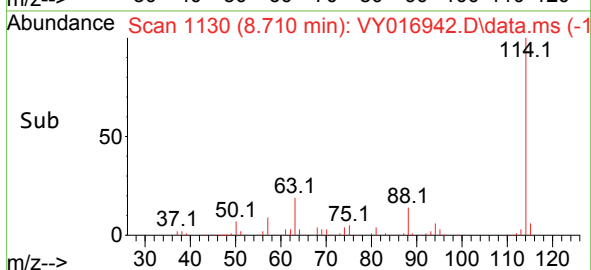
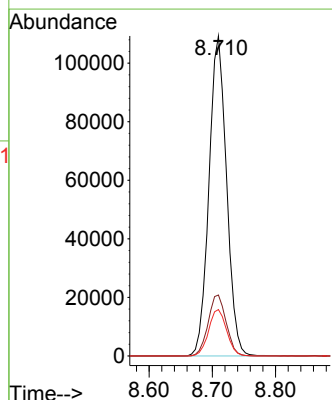
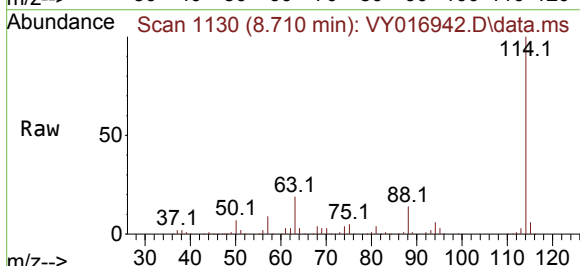
Tgt Ion: 114 Resp: 211265

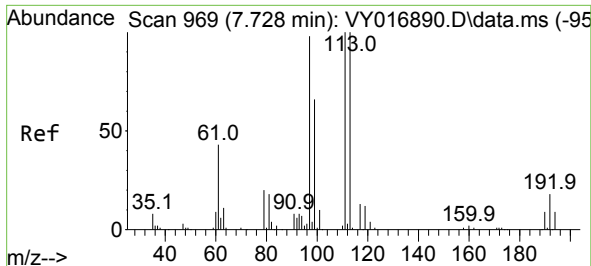
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.5 0.0 29.0

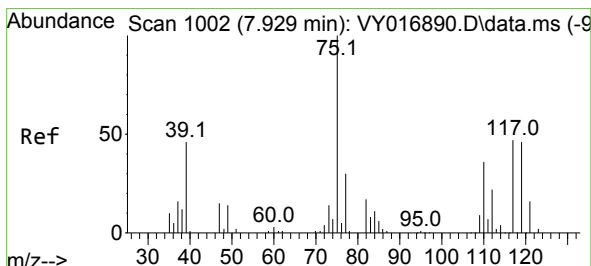
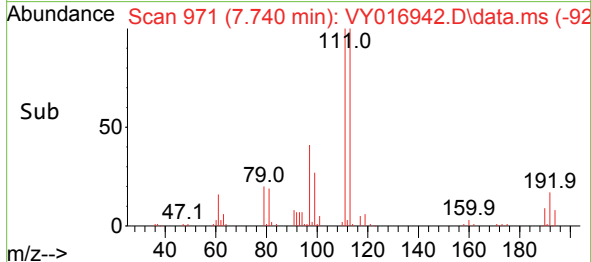
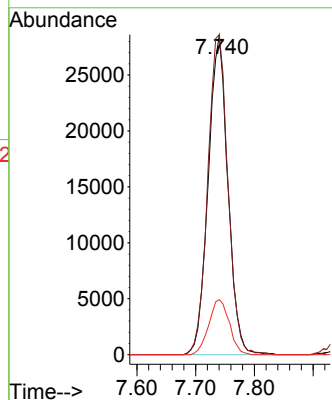
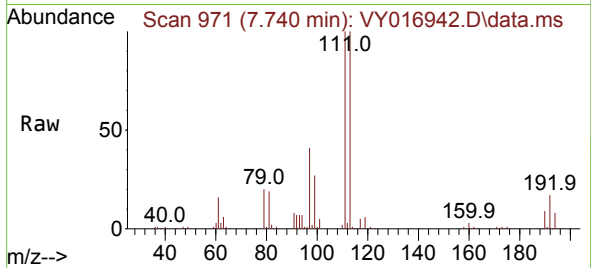




#35
Dibromofluoromethane
Concen: 49.234 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

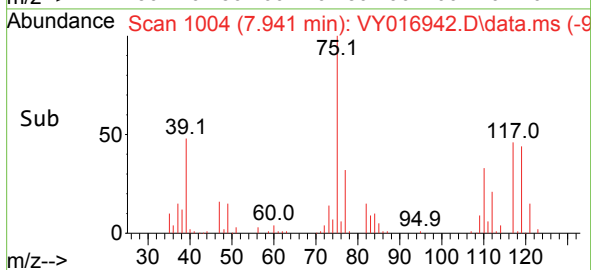
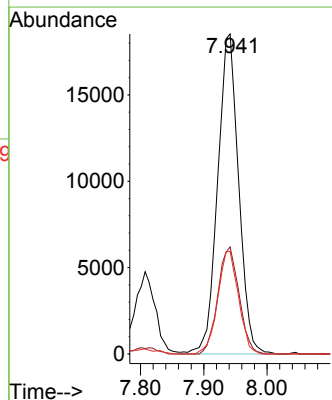
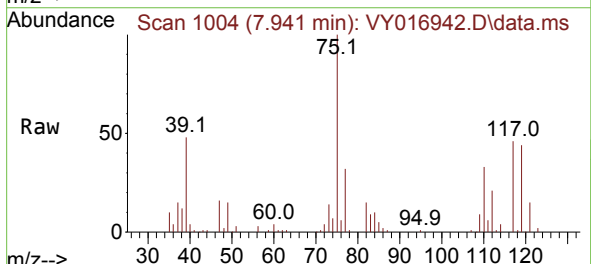
Instrument :
MSVOA_Y
ClientSampleId :

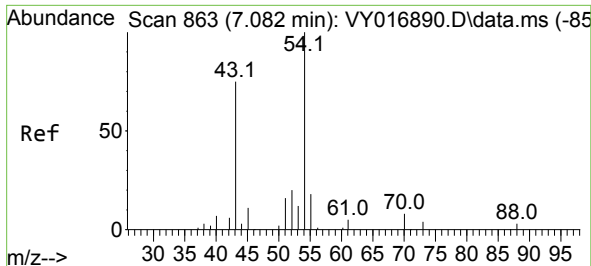
Tgt Ion:113 Resp: 66282
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.700 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 75 Resp: 42576
Ion Ratio Lower Upper
75 100
110 33.8 17.4 52.3
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 22.787 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

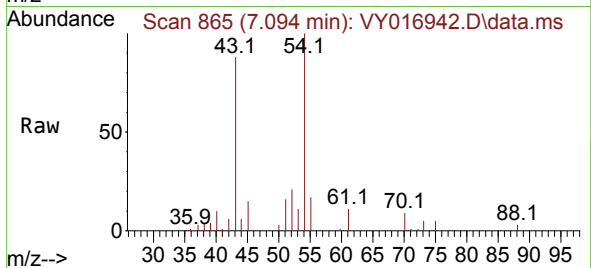
Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :



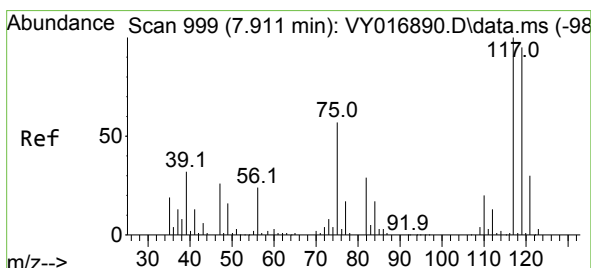
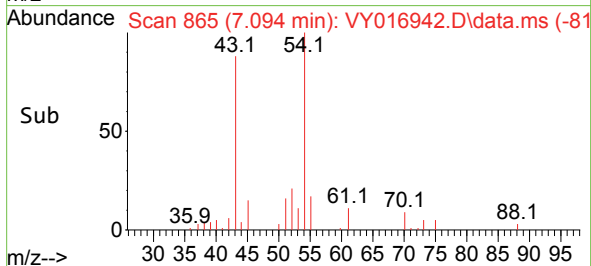
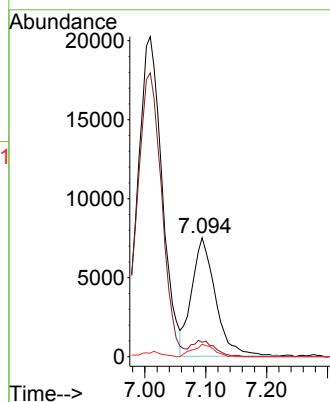
Tgt Ion: 43 Resp: 20317

Ion Ratio Lower Upper

43 100

61 12.9 11.0 16.6

70 9.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.504 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

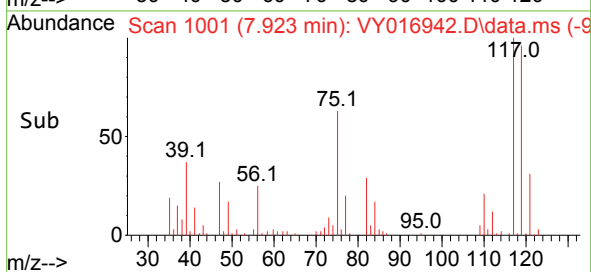
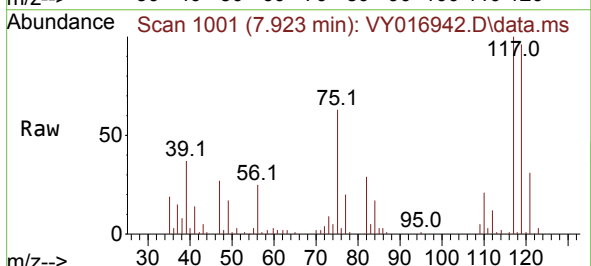
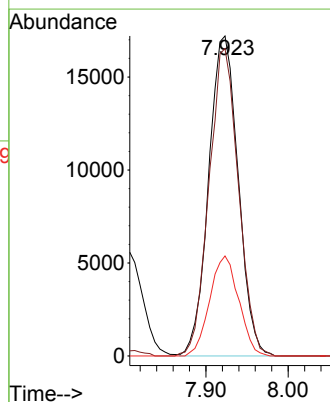
Tgt Ion: 117 Resp: 42864

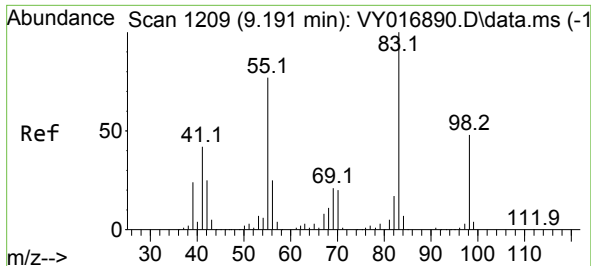
Ion Ratio Lower Upper

117 100

119 96.0 76.0 114.0

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 20.818 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

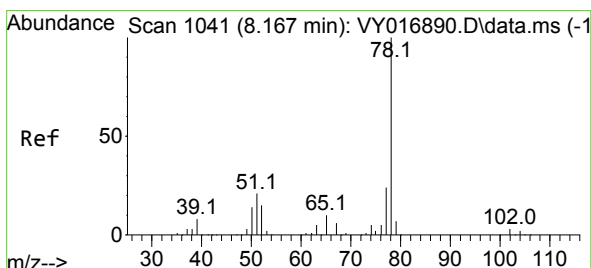
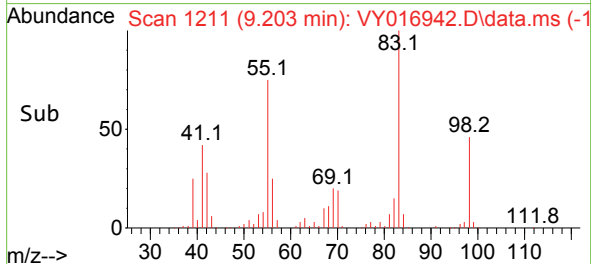
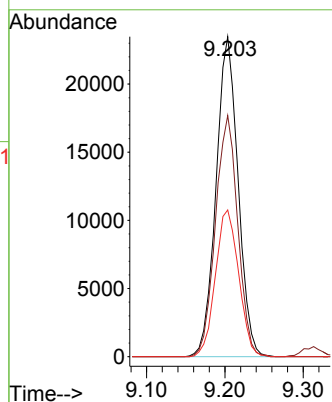
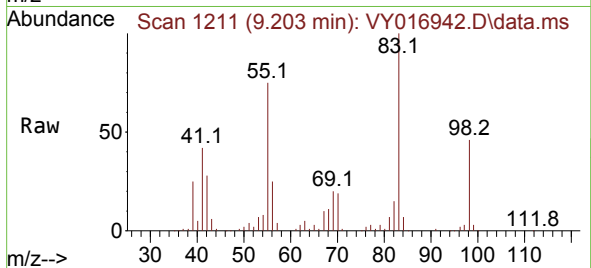
Tgt Ion: 83 Resp: 45916

Ion Ratio Lower Upper

83 100

55 75.4 59.7 89.5

98 45.8 38.0 57.0



#40

Benzene

Concen: 21.542 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016942.D

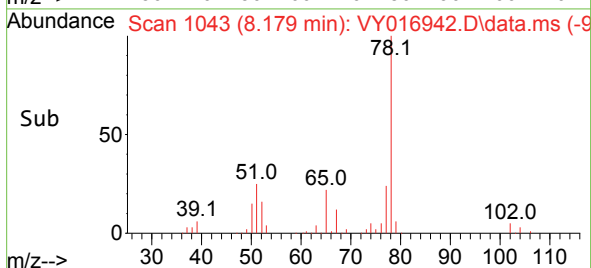
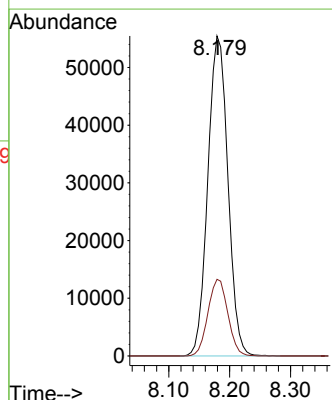
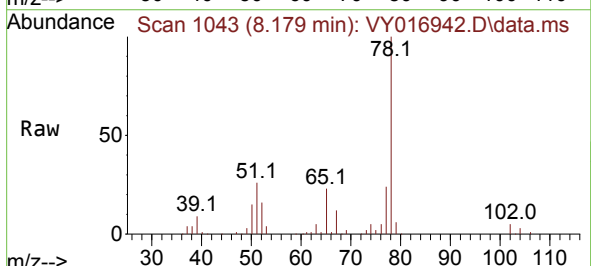
Acq: 09 Jan 2024 11:28

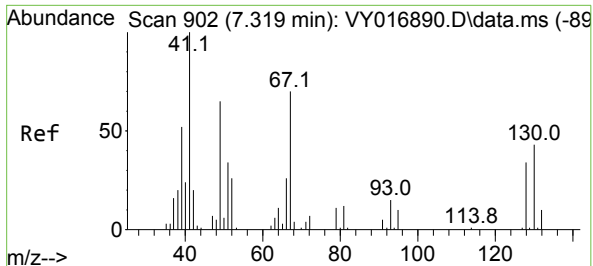
Tgt Ion: 78 Resp: 126788

Ion Ratio Lower Upper

78 100

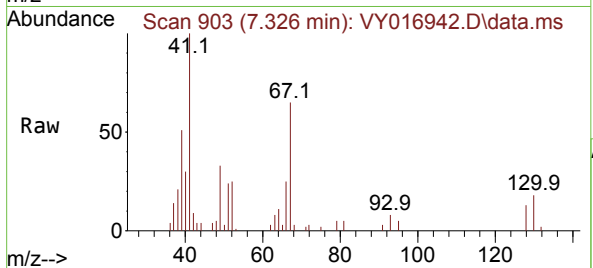
77 24.0 18.8 28.2



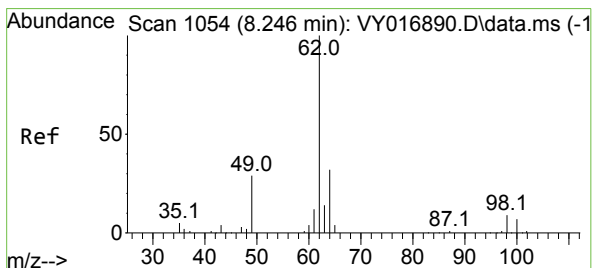
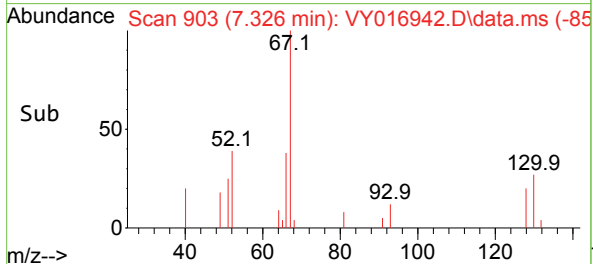
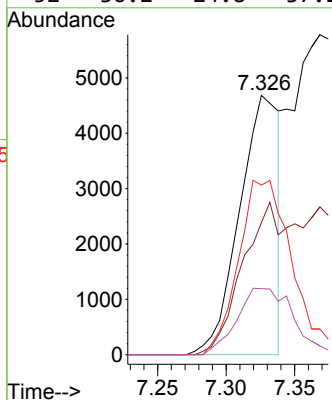


#41
Methacrylonitrile
Concen: 20.016 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

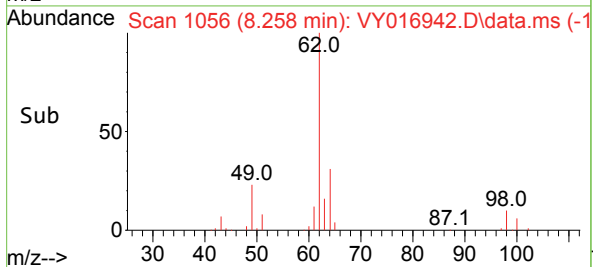
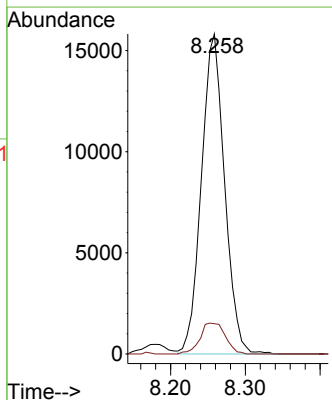
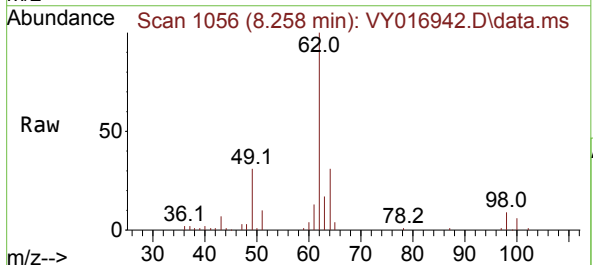


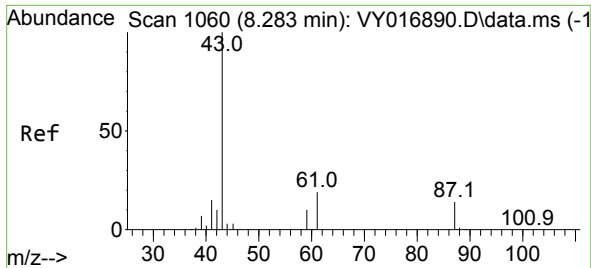
Tgt Ion:	41	Resp:	9399
Ion	Ratio	Lower	Upper
41	100		
39	62.4	41.9	62.9
67	90.5	59.8	89.6
52	36.2	24.8	37.2



#42
1,2-Dichloroethane
Concen: 21.812 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion:	62	Resp:	34080
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

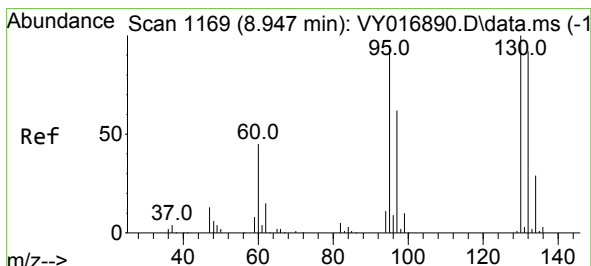
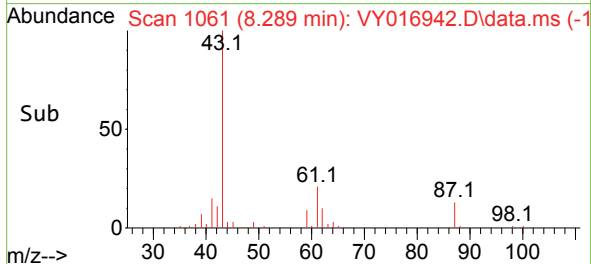
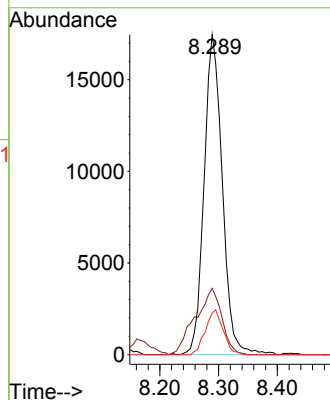
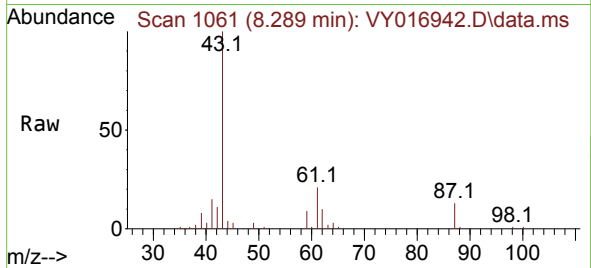




#43
Isopropyl Acetate
Concen: 22.045 ug/l
RT: 8.289 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

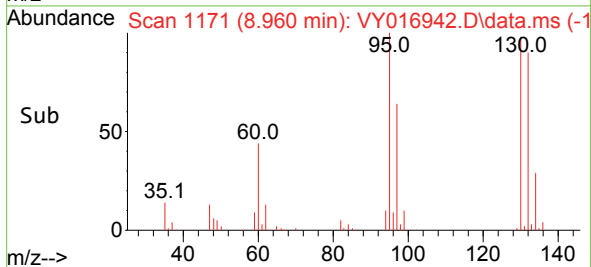
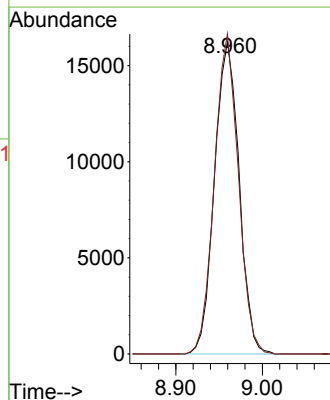
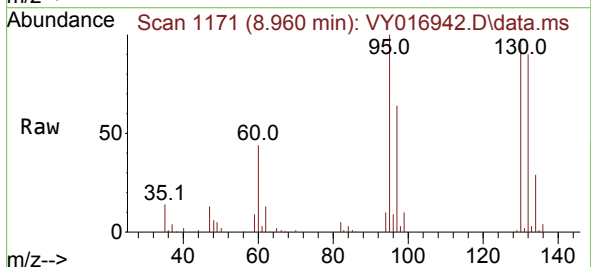
Instrument :
MSVOA_Y
ClientSampleId :

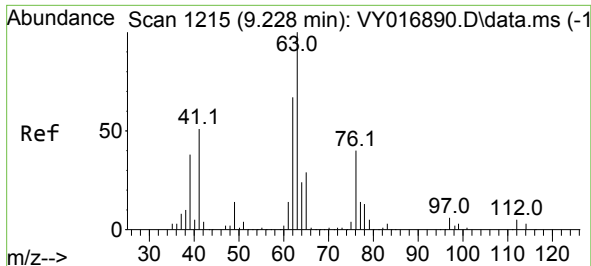
Tgt Ion: 43 Resp: 37640
Ion Ratio Lower Upper
43 100
61 30.1 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 21.357 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion:130 Resp: 31985
Ion Ratio Lower Upper
130 100
95 102.5 0.0 203.8

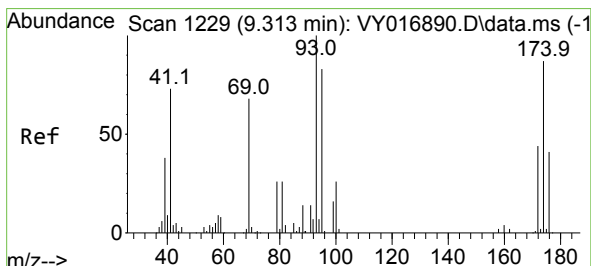
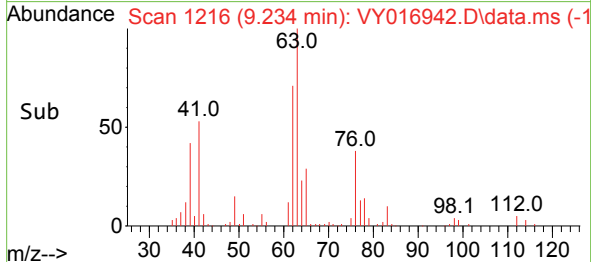
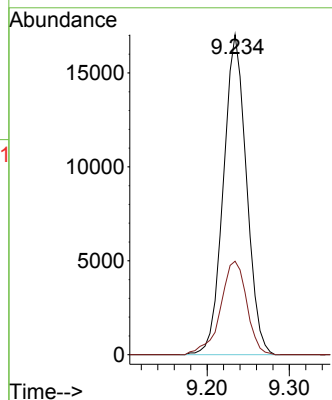
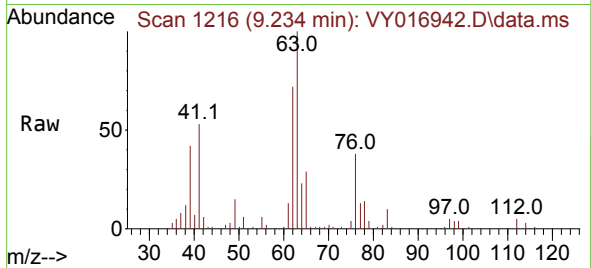




#45
1,2-Dichloropropane
Concen: 21.930 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

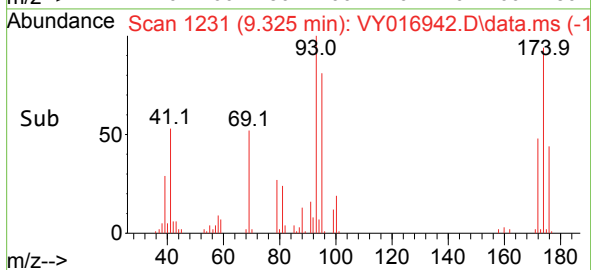
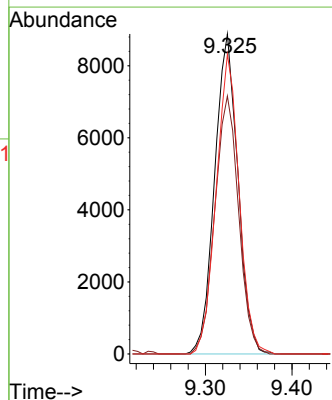
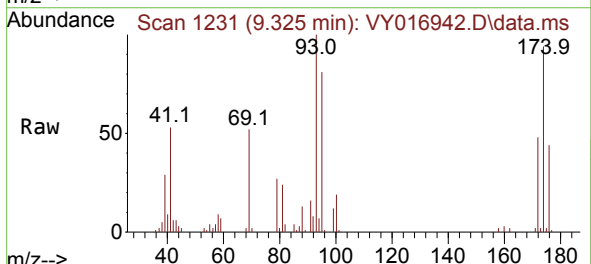
Instrument :
MSVOA_Y
ClientSampleId :

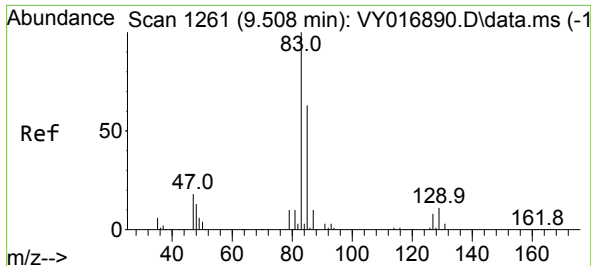
Tgt Ion: 63 Resp: 33252
Ion Ratio Lower Upper
63 100
65 29.2 24.6 36.8



#46
Dibromomethane
Concen: 21.439 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 93 Resp: 16579
Ion Ratio Lower Upper
93 100
95 82.5 66.6 99.8
174 92.4 73.8 110.6

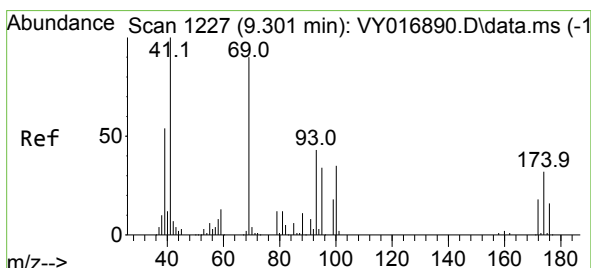
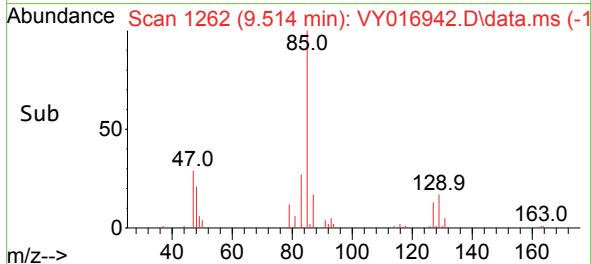
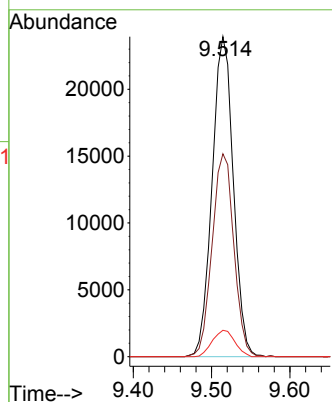
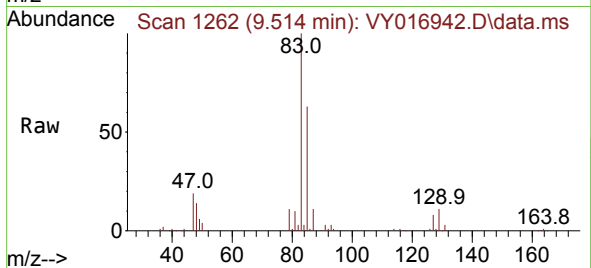




#47
Bromodichloromethane
Concen: 21.679 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

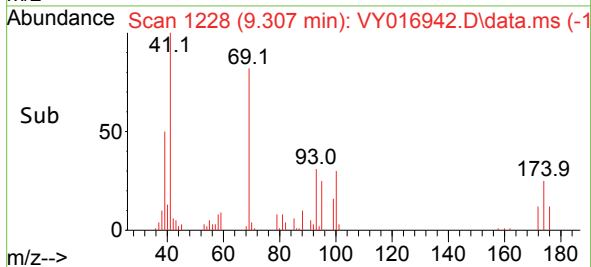
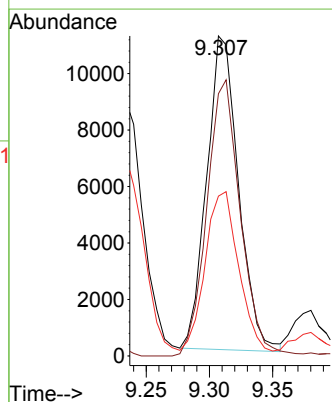
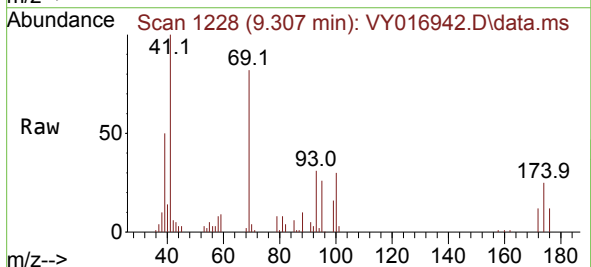
Instrument :
MSVOA_Y
ClientSampleId :

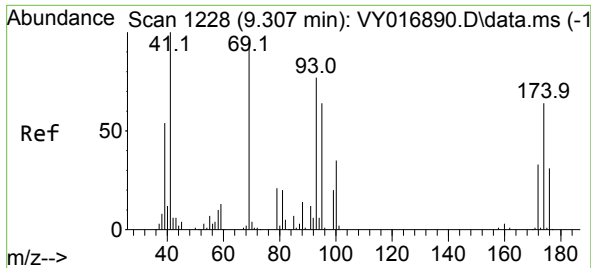
Tgt Ion: 83 Resp: 45017
Ion Ratio Lower Upper
83 100
85 63.4 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 21.111 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

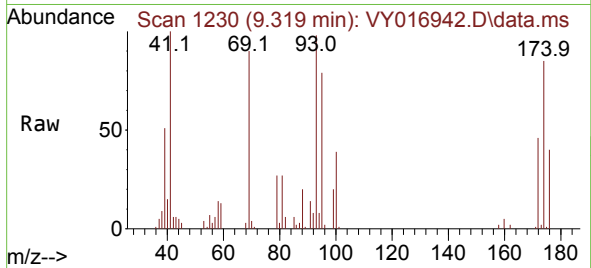
Tgt Ion: 41 Resp: 19453
Ion Ratio Lower Upper
41 100
69 92.5 72.1 108.1
39 56.5 42.8 64.2



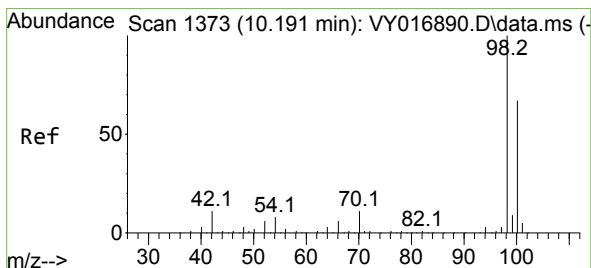
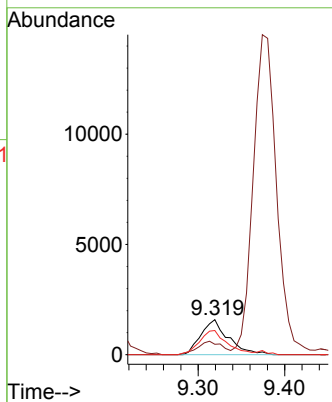
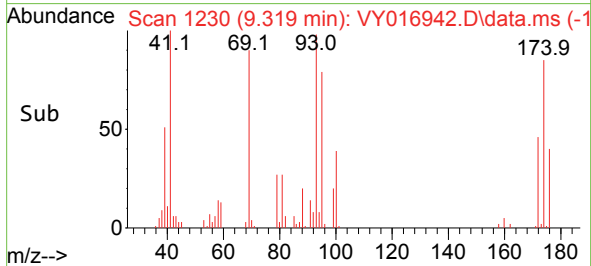


#49
1,4-Dioxane
Concen: 436.001 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

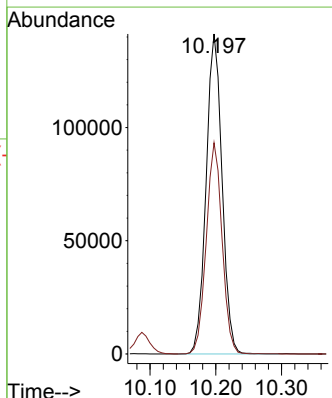
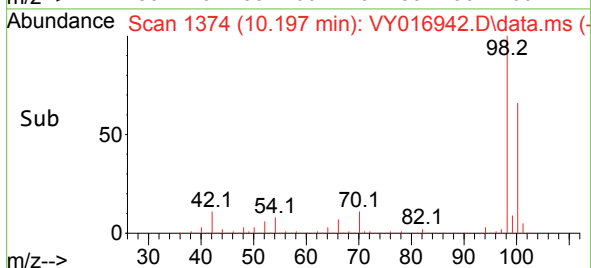
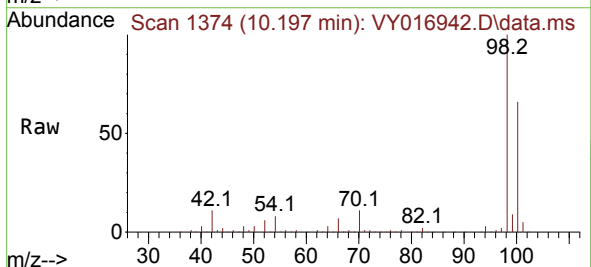


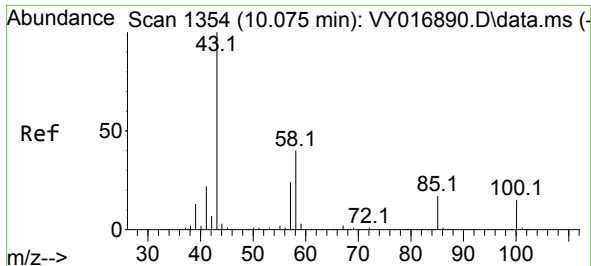
Tgt Ion: 88 Resp: 3491
Ion Ratio Lower Upper
88 100
43 35.0 28.2 42.4
58 69.4 52.2 78.2



#50
Toluene-d8
Concen: 51.299 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 98 Resp: 237813
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

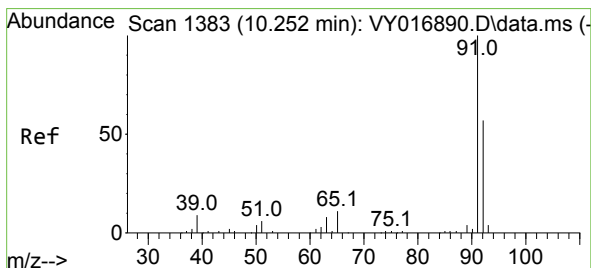
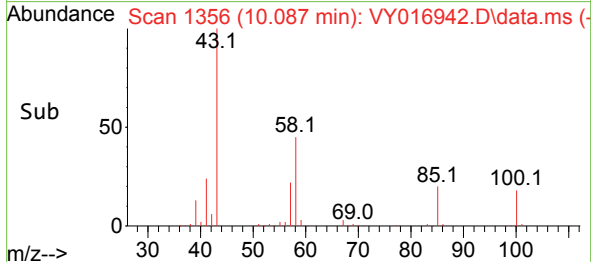
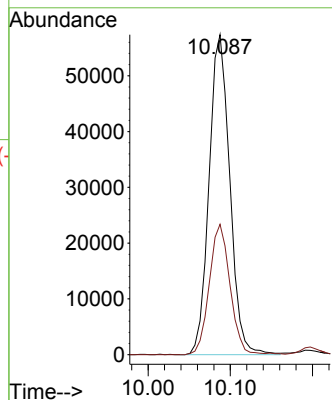
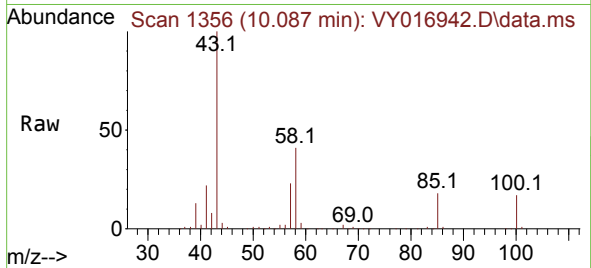




#51
4-Methyl-2-Pentanone
Concen: 110.759 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

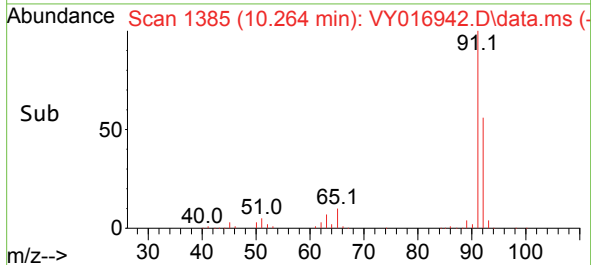
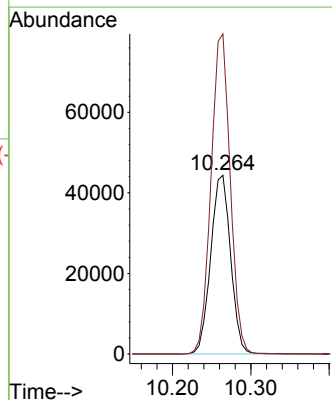
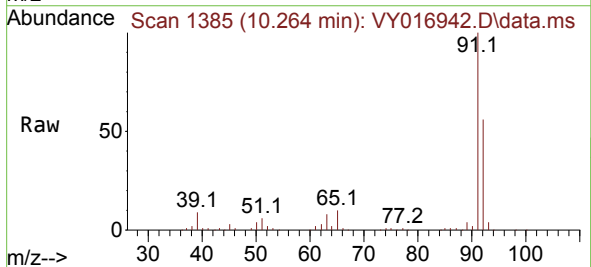
Instrument :
MSVOA_Y
ClientSampleId :

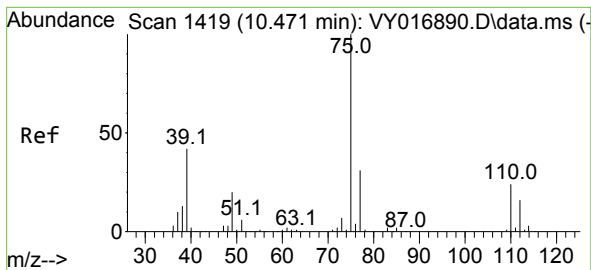
Tgt Ion: 43 Resp: 100572
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.2



#52
Toluene
Concen: 22.006 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 92 Resp: 78163
Ion Ratio Lower Upper
92 100
91 173.5 137.6 206.4

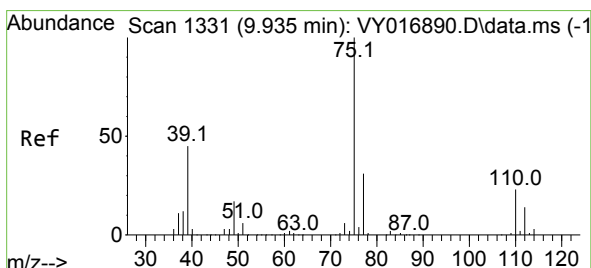
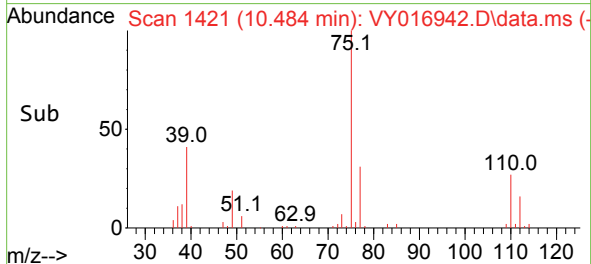
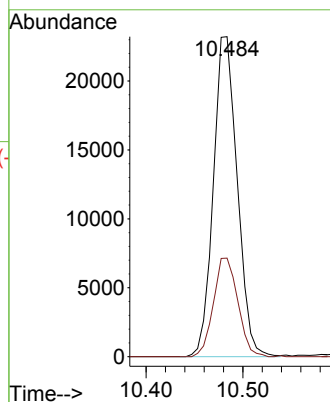
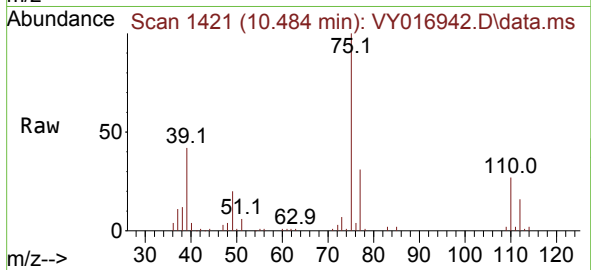




#53
 t-1,3-Dichloropropene
 Concen: 21.441 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY016942.D
 Acq: 09 Jan 2024 11:28

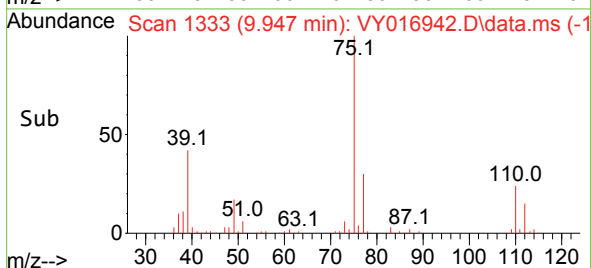
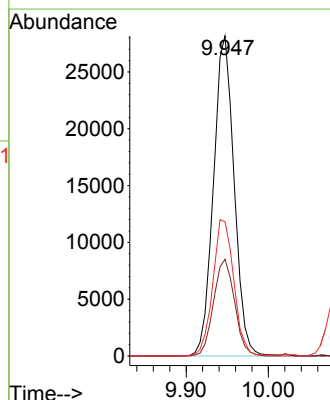
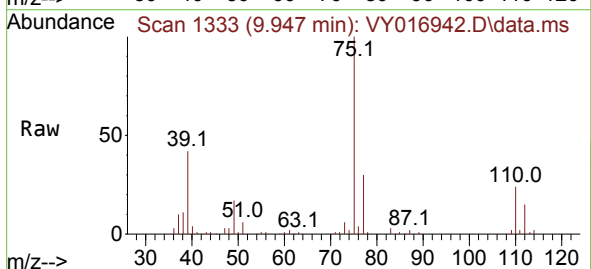
Instrument :
 MSVOA_Y
 ClientSampleId :

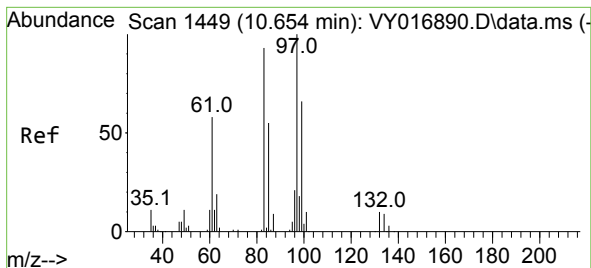
Tgt Ion: 75 Resp: 39881
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.028 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016942.D
 Acq: 09 Jan 2024 11:28

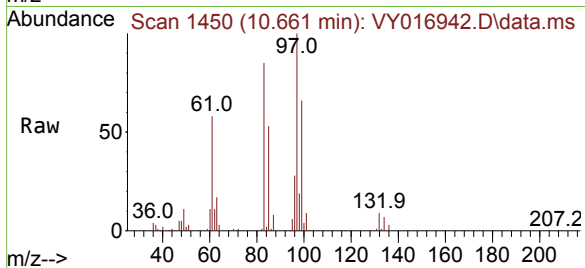
Tgt Ion: 75 Resp: 49205
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 41.9 33.6 50.4



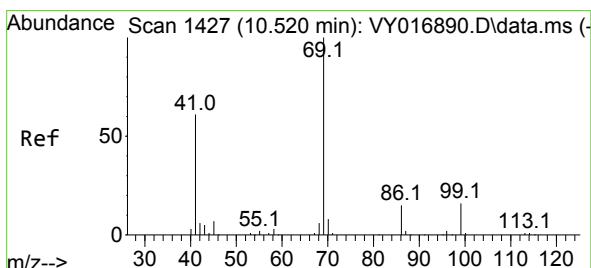
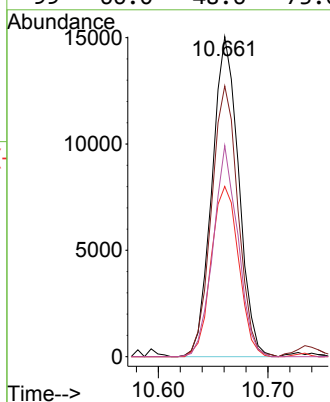
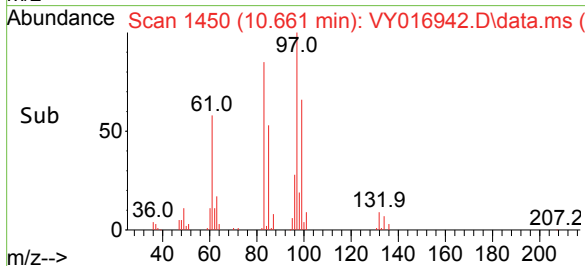


#55
1,1,2-Trichloroethane
Concen: 22.547 ug/l
RT: 10.661 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

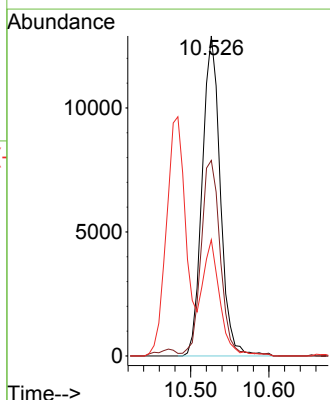
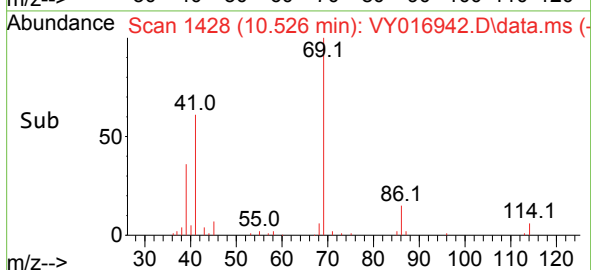
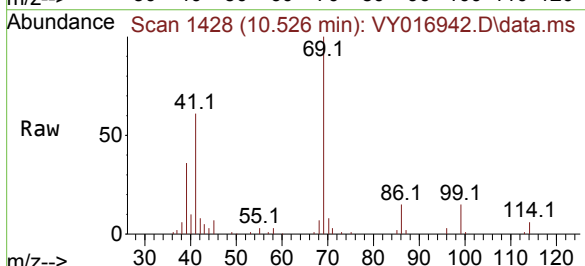


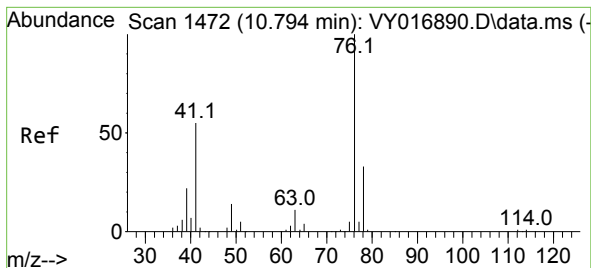
Tgt Ion: 97	Resp: 25472
Ion Ratio	Lower Upper
97 100	
83 84.6	69.4 104.2
85 53.2	43.9 65.9
99 66.0	48.6 73.0



#56
Ethyl methacrylate
Concen: 21.616 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 69	Resp: 20684
Ion Ratio	Lower Upper
69 100	
41 65.6	49.2 73.8
39 34.0	26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.981 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

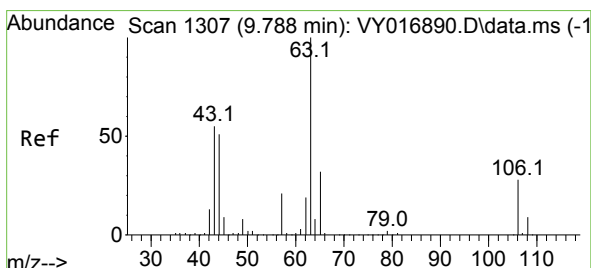
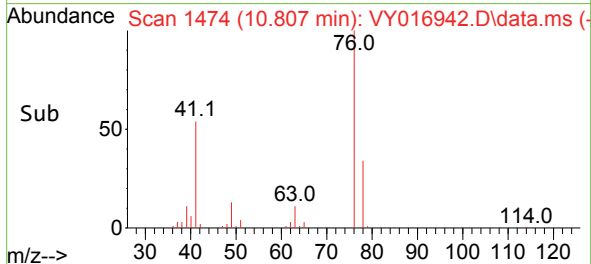
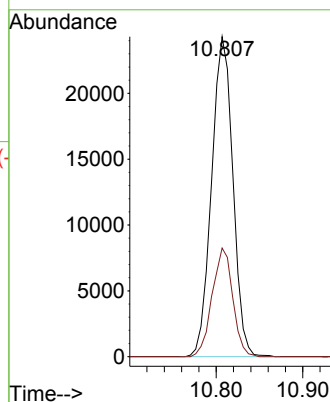
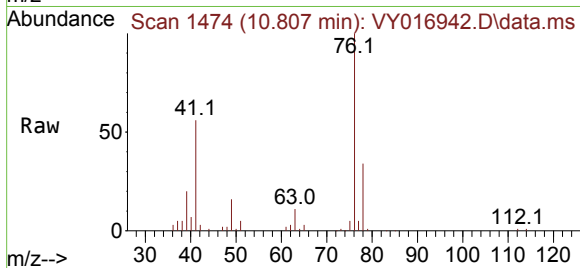
ClientSampleId :

Tgt Ion: 76 Resp: 41460

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.427 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY016942.D

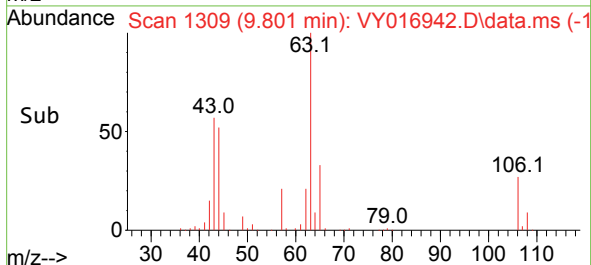
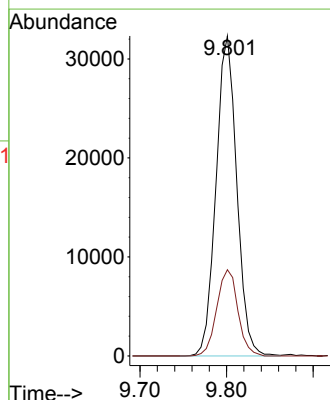
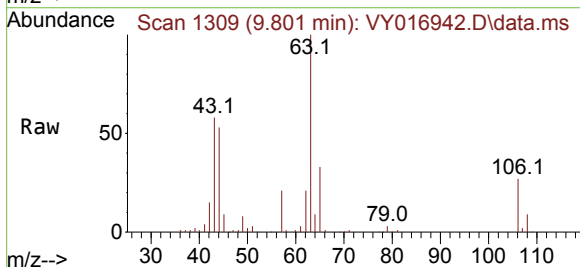
Acq: 09 Jan 2024 11:28

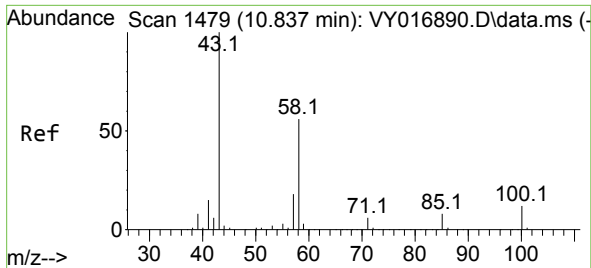
Tgt Ion: 63 Resp: 53717

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6

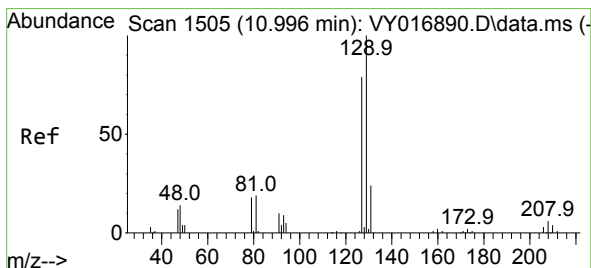
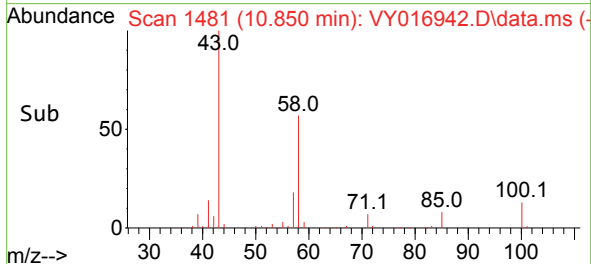
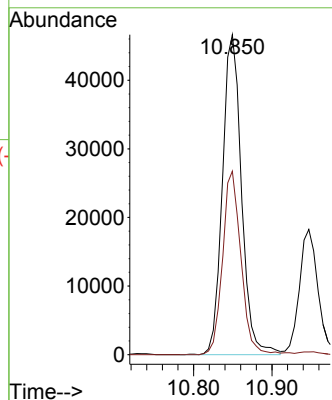
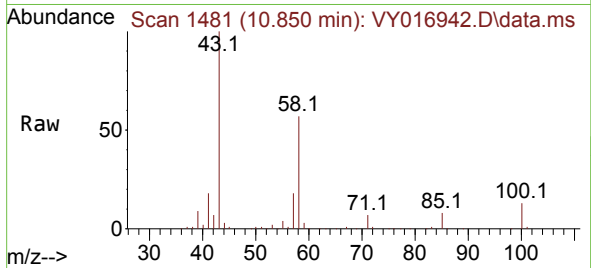




#59
2-Hexanone
Concen: 118.184 ug/l
RT: 10.850 min Scan# 1479
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

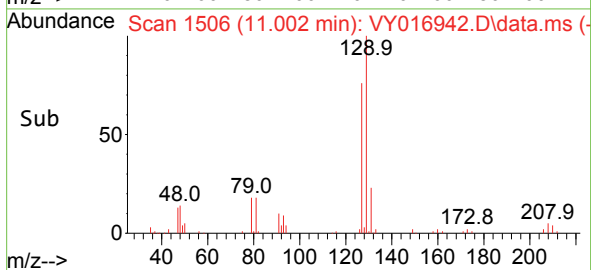
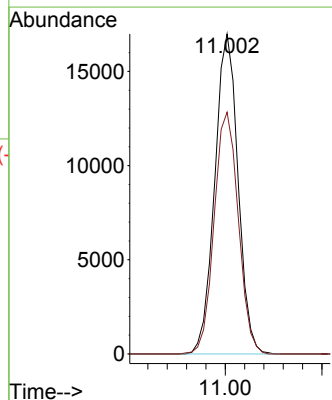
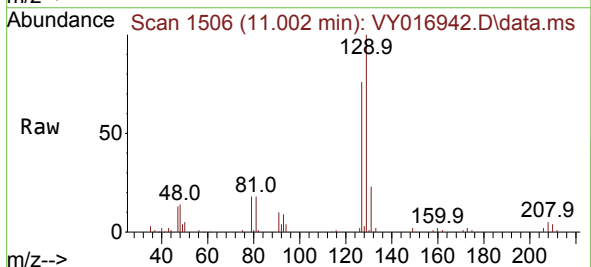
Instrument :
MSVOA_Y
ClientSampleId :

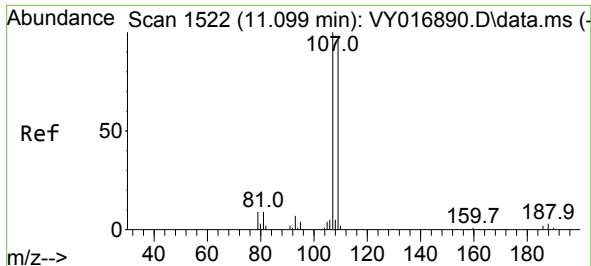
Tgt Ion: 43 Resp: 79019
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 21.748 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion:129 Resp: 28334
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

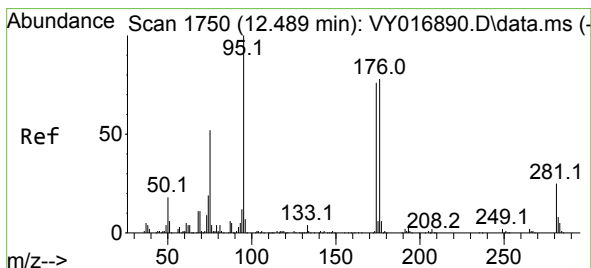
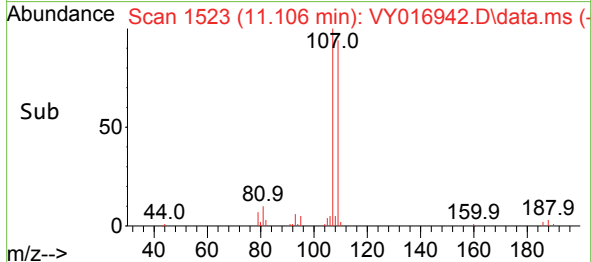
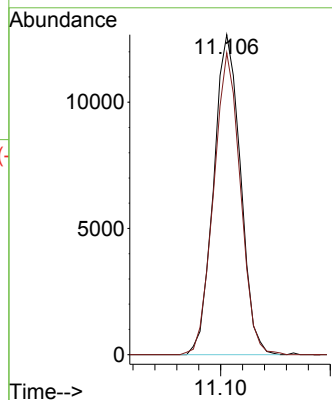
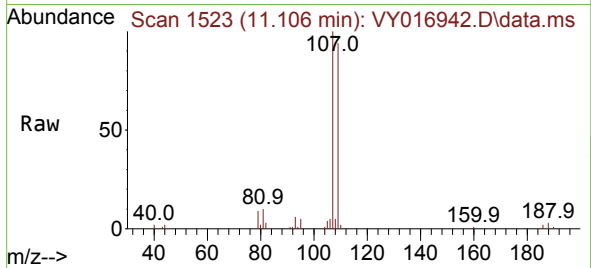




#61
1,2-Dibromoethane
Concen: 21.948 ug/l
RT: 11.106 min Scan# 1523
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

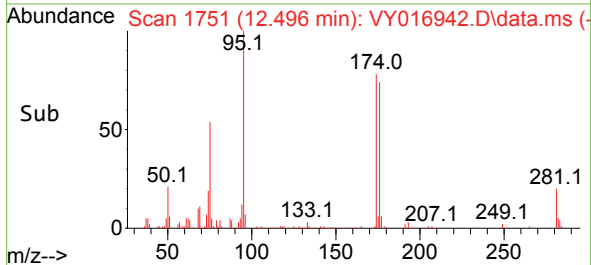
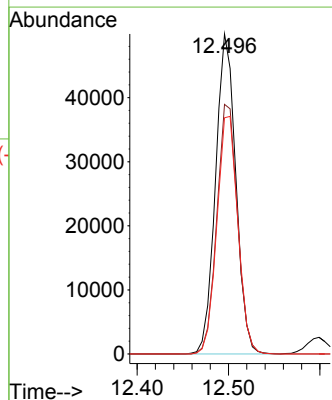
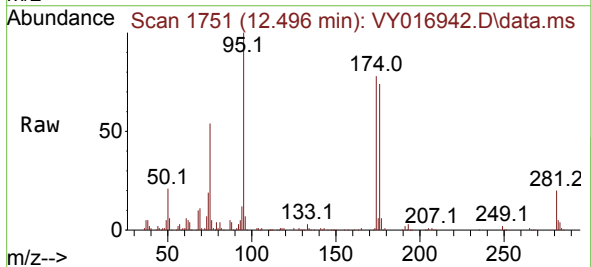
Instrument :
MSVOA_Y
ClientSampleId :

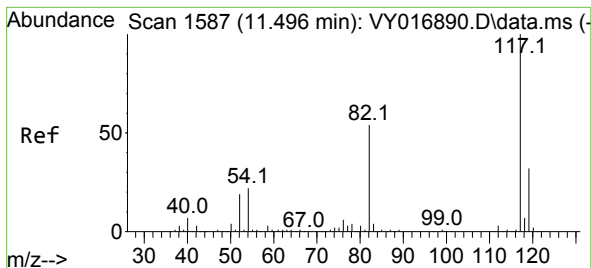
Tgt Ion:107 Resp: 21543
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.230 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 95 Resp: 77000
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 76.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

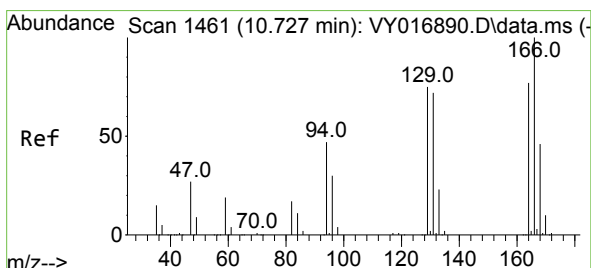
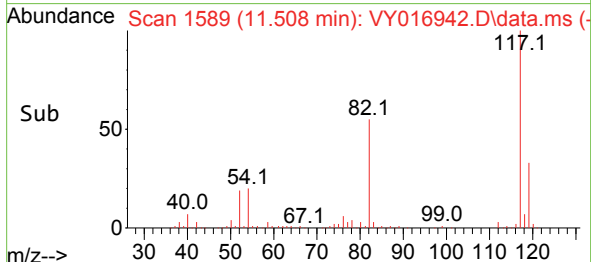
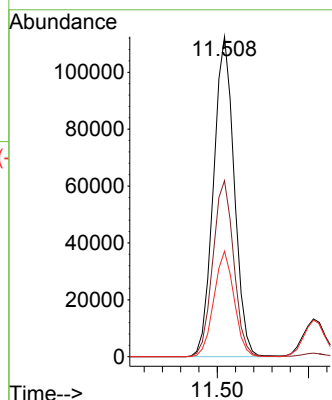
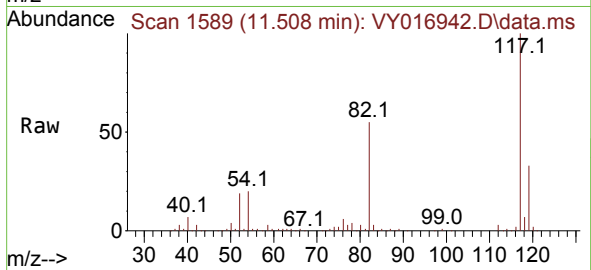
Tgt Ion:117 Resp: 177026

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 32.9 26.5 39.7



#64

Tetrachloroethene

Concen: 21.400 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Tgt Ion:164 Resp: 24561

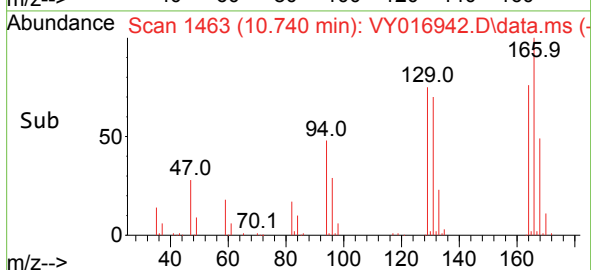
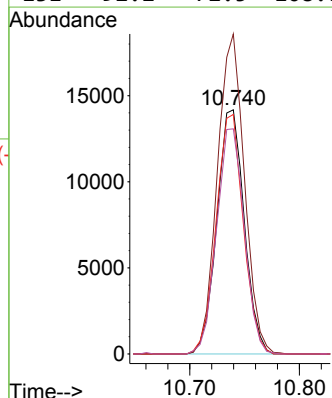
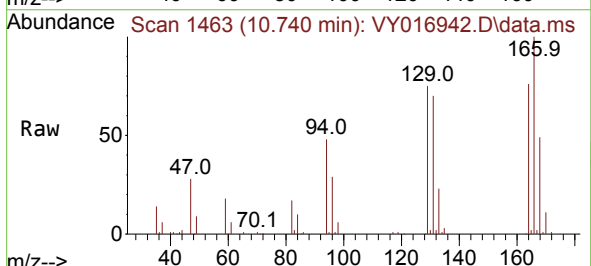
Ion Ratio Lower Upper

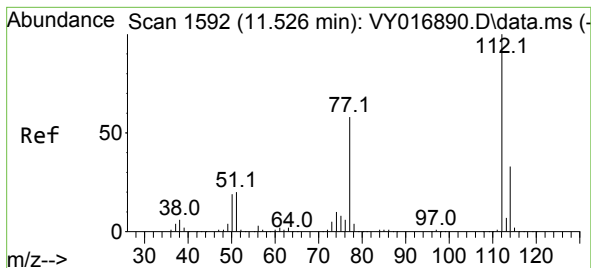
164 100

166 131.1 98.8 148.2

129 98.1 78.9 118.3

131 92.2 72.5 108.7





#65

Chlorobenzene

Concen: 22.332 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

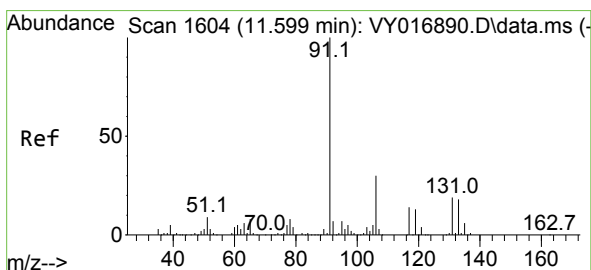
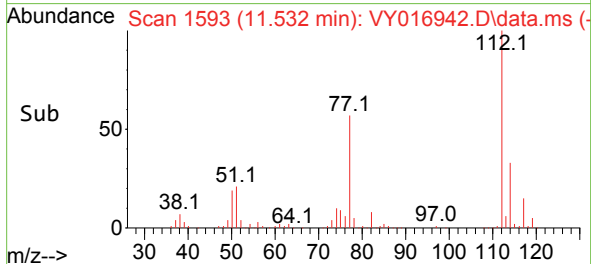
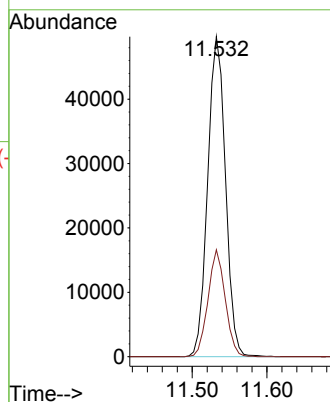
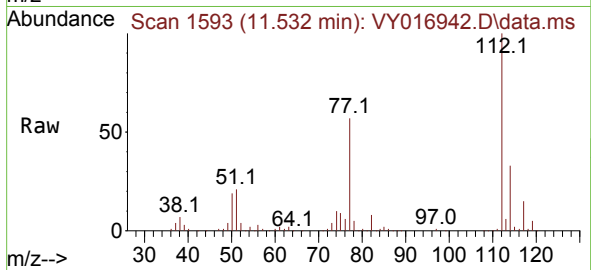
ClientSampleId :

Tgt Ion:112 Resp: 82355

Ion Ratio Lower Upper

112 100

114 33.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.658 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

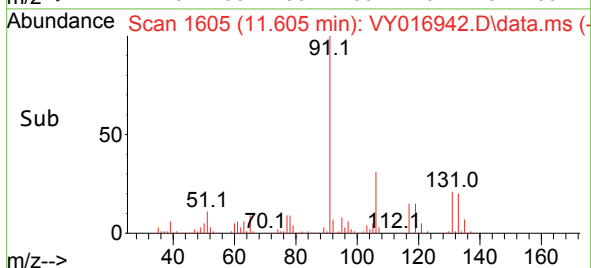
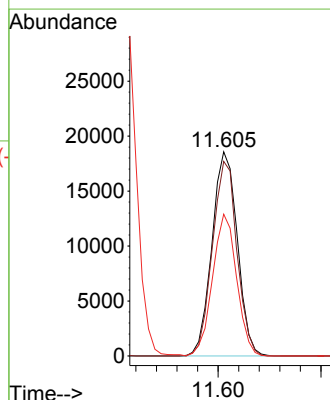
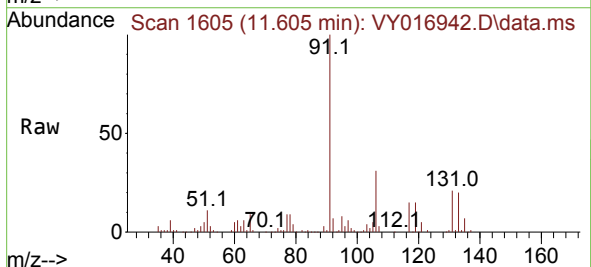
Tgt Ion:131 Resp: 31763

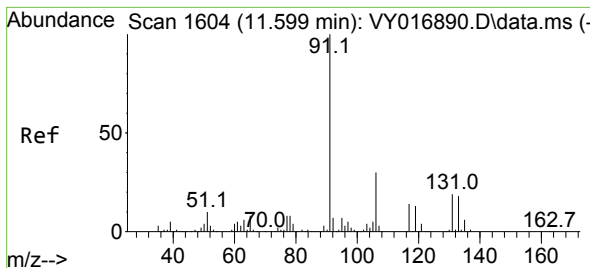
Ion Ratio Lower Upper

131 100

133 92.5 47.0 141.0

119 66.1 33.3 99.9





#67

Ethyl Benzene

Concen: 22.028 ug/l

RT: 11.612 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

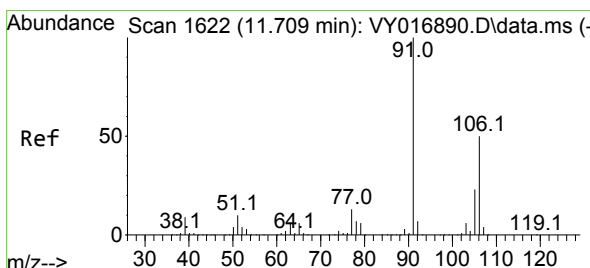
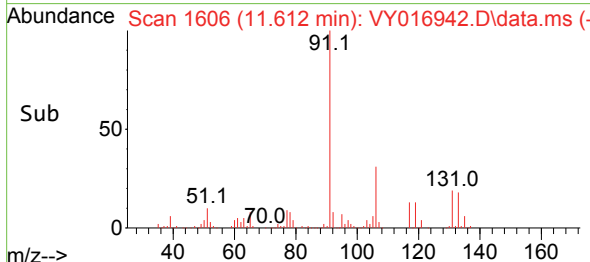
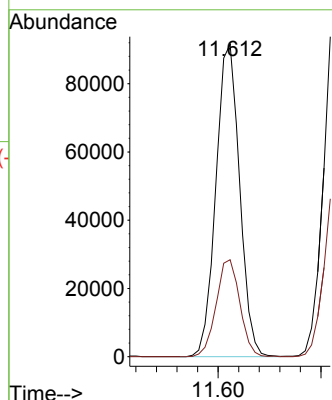
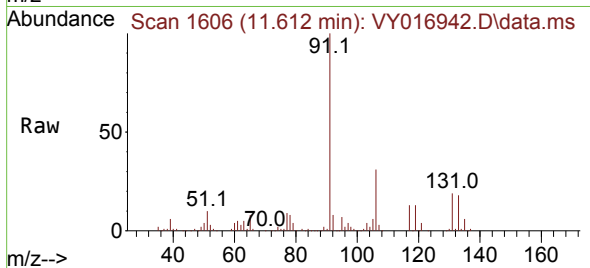
ClientSampleId :

Tgt Ion: 91 Resp: 146247

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 44.602 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016942.D

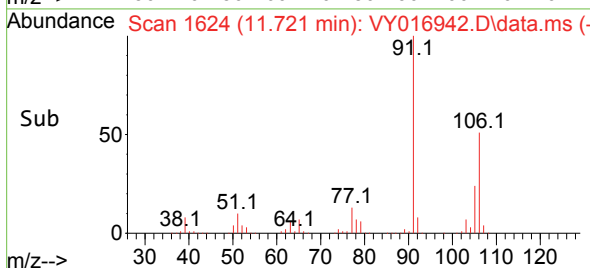
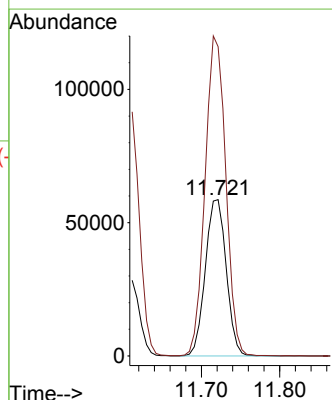
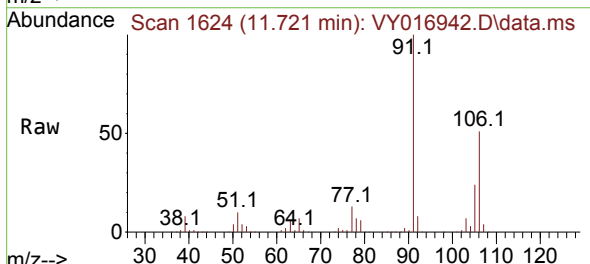
Acq: 09 Jan 2024 11:28

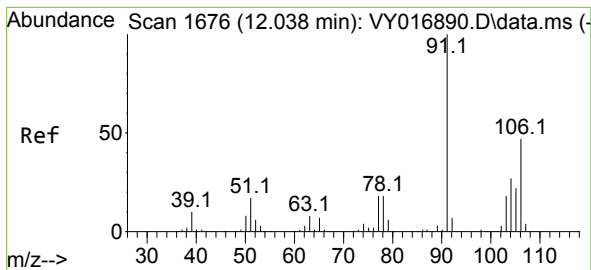
Tgt Ion:106 Resp: 108695

Ion Ratio Lower Upper

106 100

91 202.2 160.7 241.1





#69

o-Xylene

Concen: 22.395 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

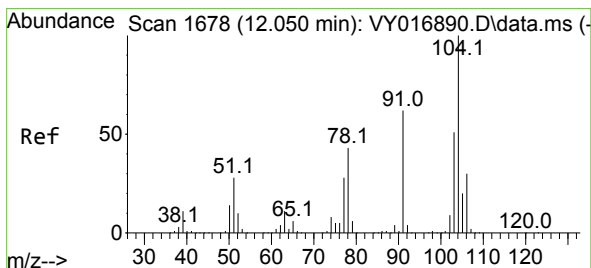
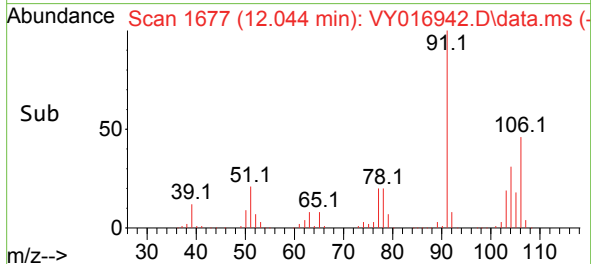
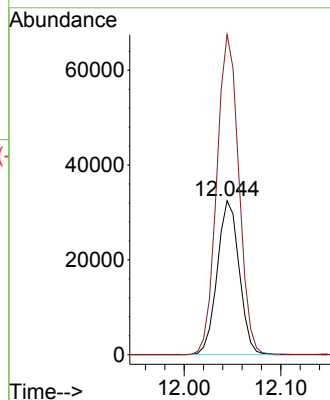
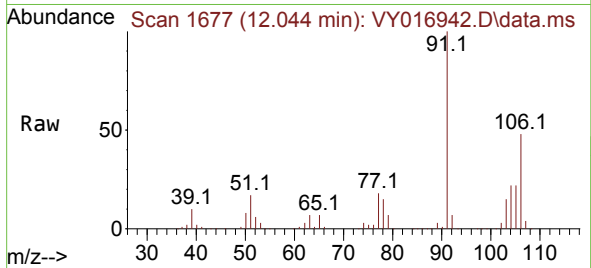
ClientSampleId :

Tgt Ion:106 Resp: 51165

Ion Ratio Lower Upper

106 100

91 209.2 106.5 319.5



#70

Styrene

Concen: 22.444 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

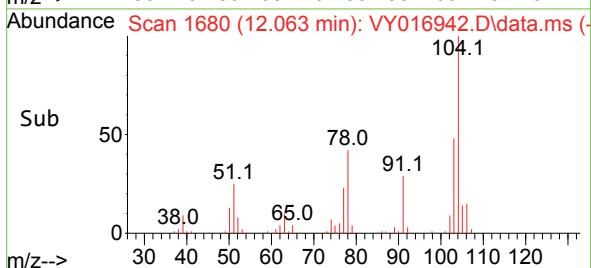
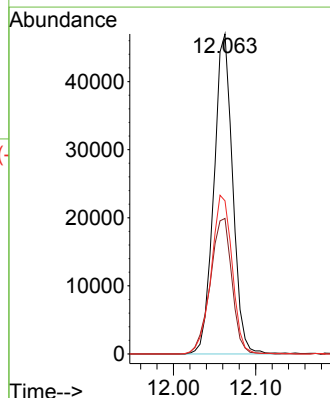
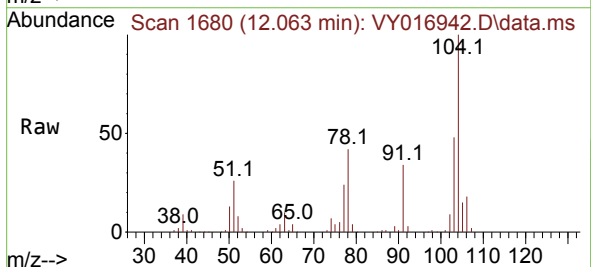
Tgt Ion:104 Resp: 74627

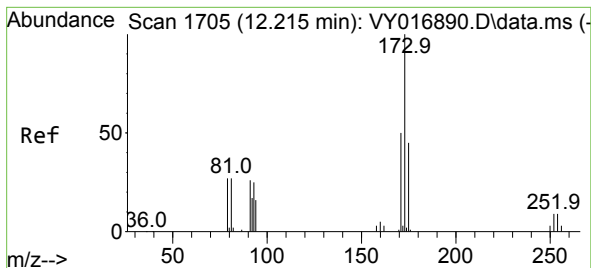
Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 55.4 43.8 65.6





#71

Bromoform

Concen: 22.348 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

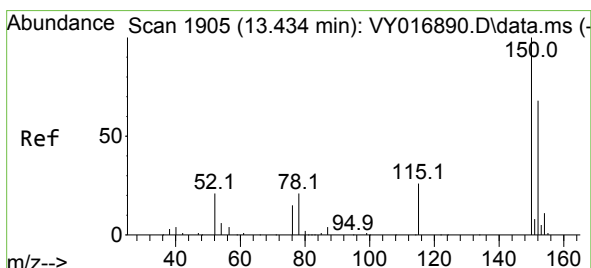
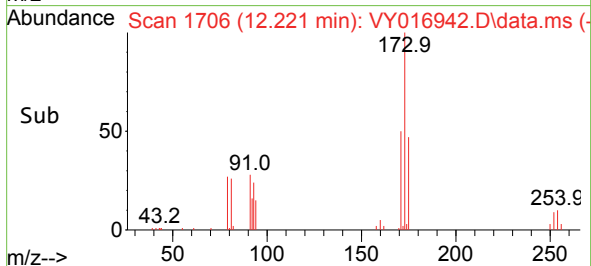
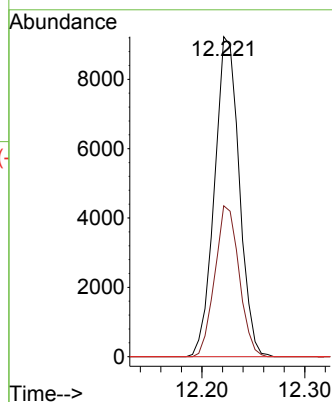
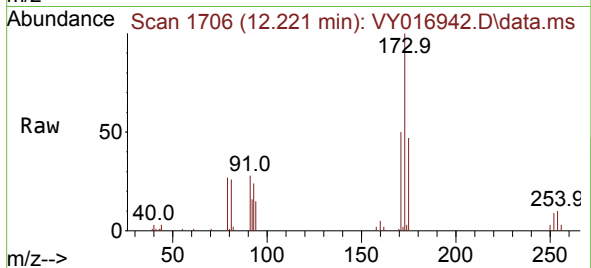
Tgt Ion:173 Resp: 15423

Ion Ratio Lower Upper

173 100

175 46.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

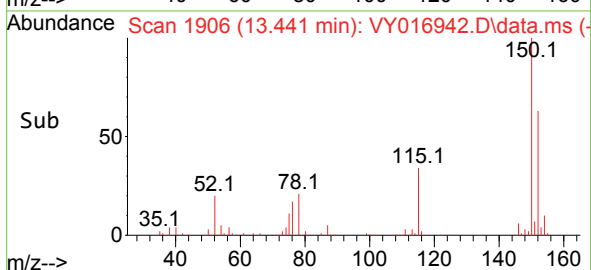
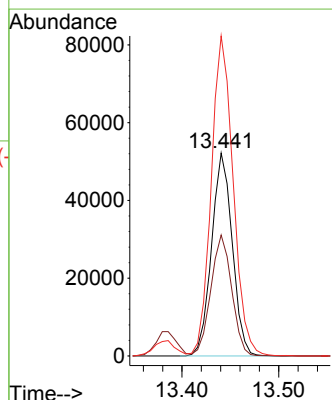
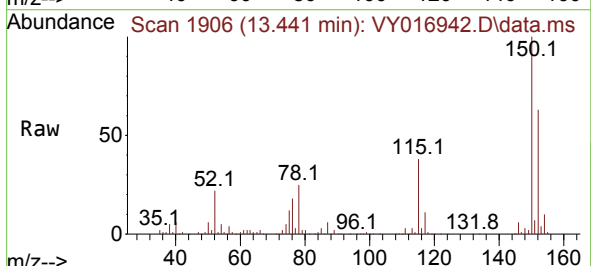
Tgt Ion:152 Resp: 77637

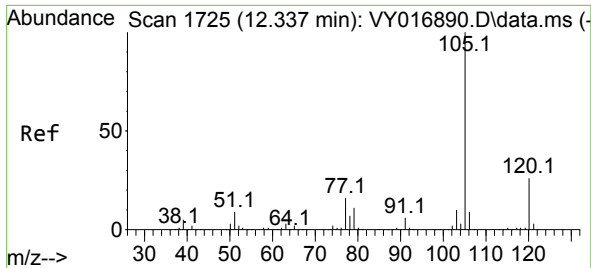
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 167.2 0.0 344.6

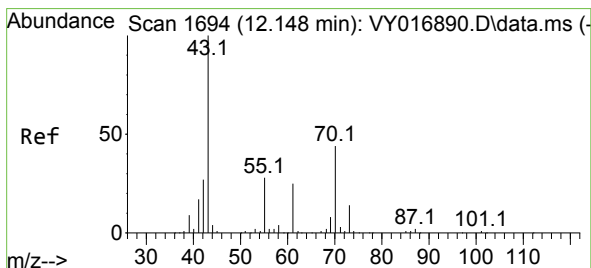
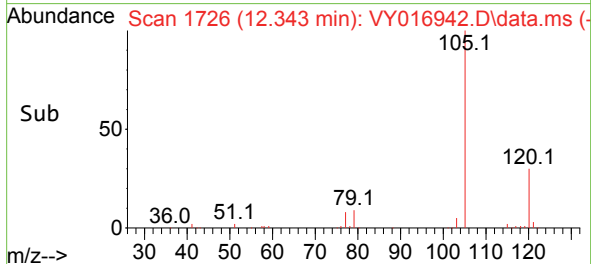
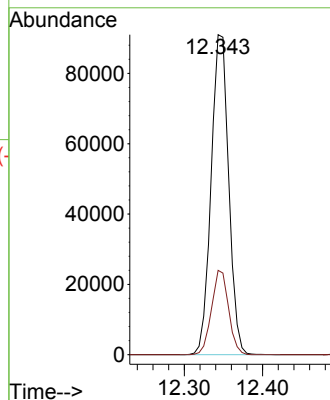
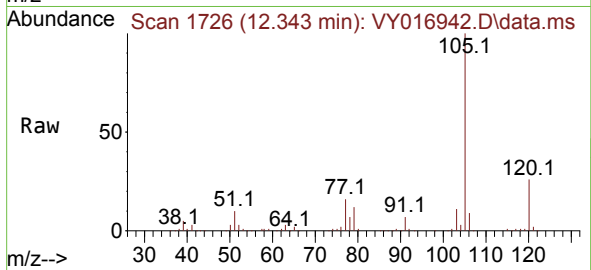




#73
Isopropylbenzene
Concen: 22.353 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

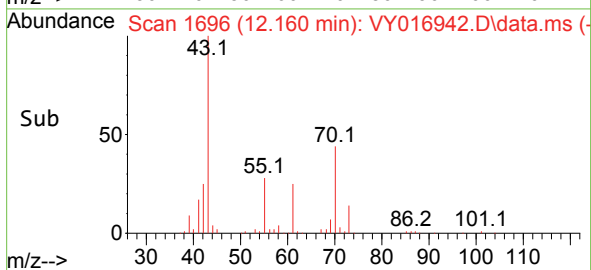
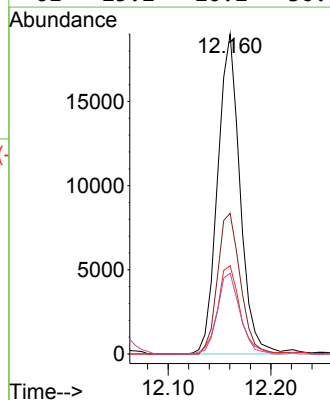
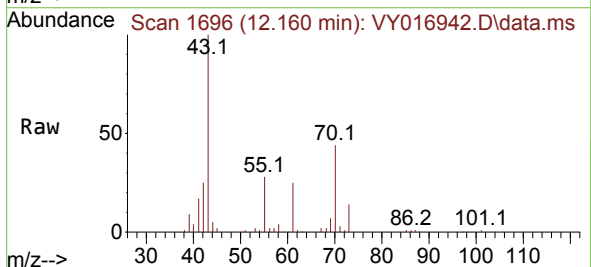
Instrument :
MSVOA_Y
ClientSampleId :

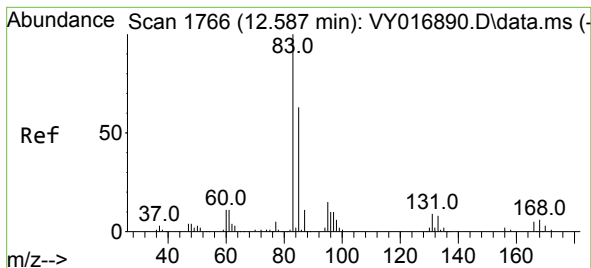
Tgt Ion:105 Resp: 141713
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 22.478 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 43 Resp: 28632
Ion Ratio Lower Upper
43 100
70 45.0 36.6 55.0
55 27.8 22.2 33.4
61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.543 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

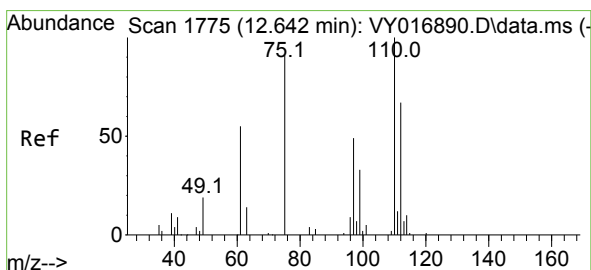
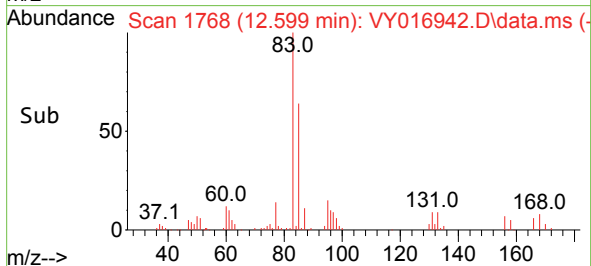
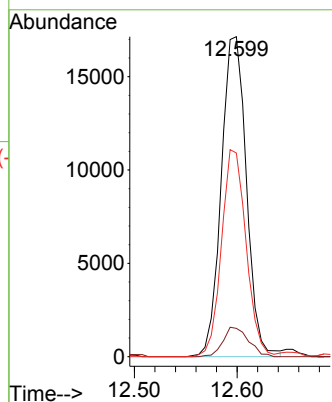
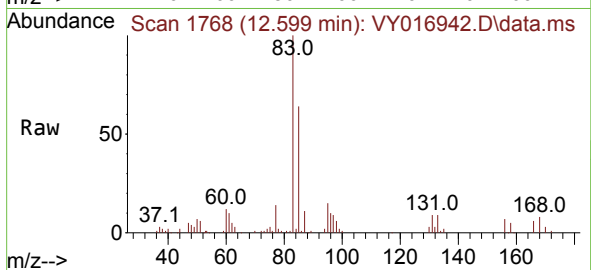
Tgt Ion: 83 Resp: 29121

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 63.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 39.909 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016942.D

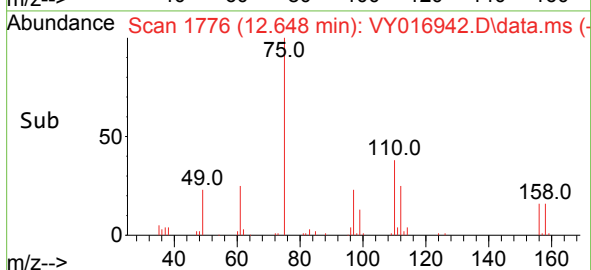
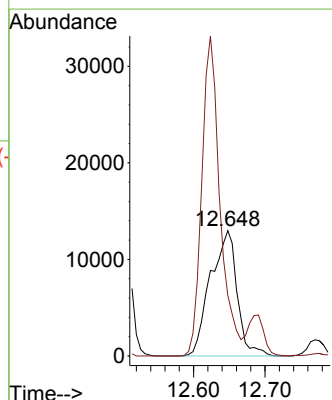
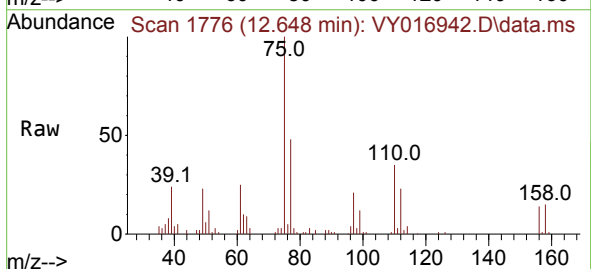
Acq: 09 Jan 2024 11:28

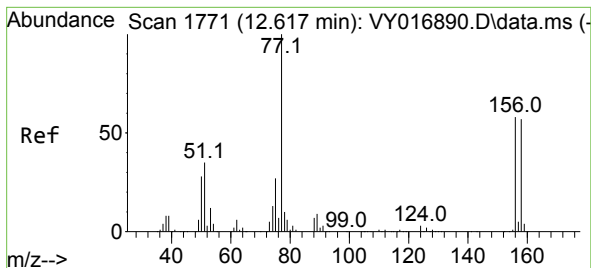
Tgt Ion: 75 Resp: 33623

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.982 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

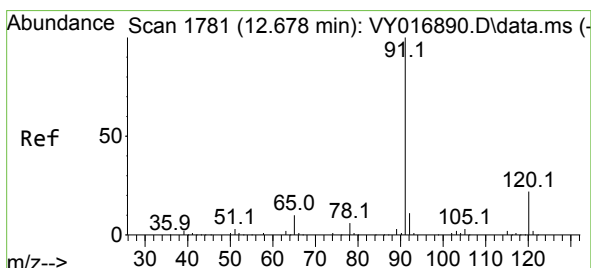
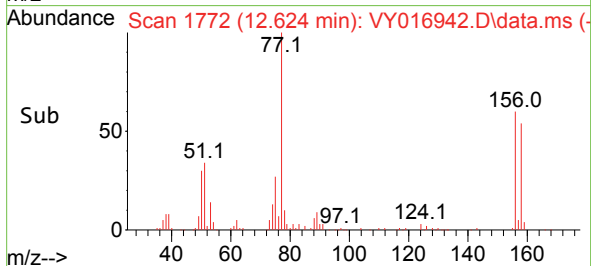
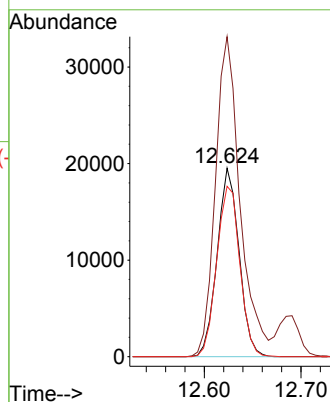
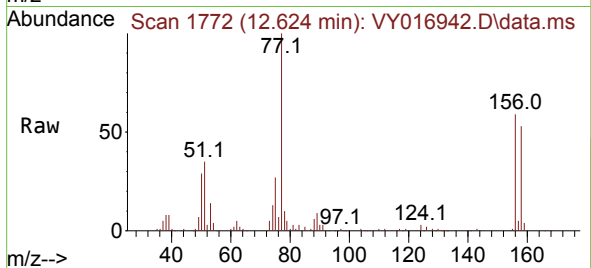
Tgt Ion:156 Resp: 30683

Ion Ratio Lower Upper

156 100

77 191.0 97.3 291.8

158 95.5 48.4 145.0



#78

n-propylbenzene

Concen: 22.352 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.007 min

Lab File: VY016942.D

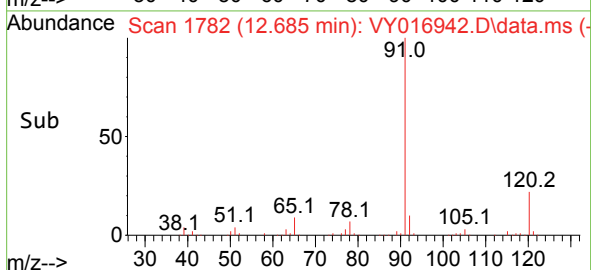
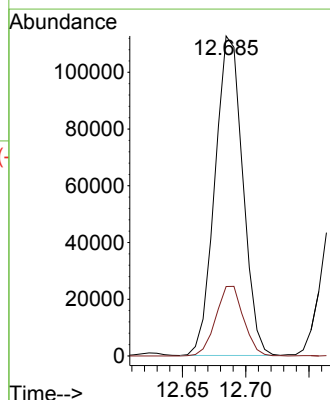
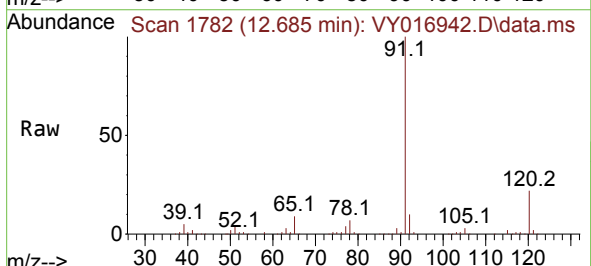
Acq: 09 Jan 2024 11:28

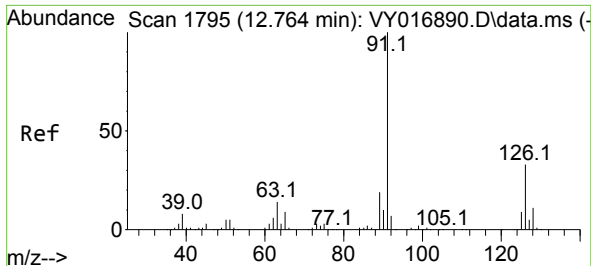
Tgt Ion: 91 Resp: 172274

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

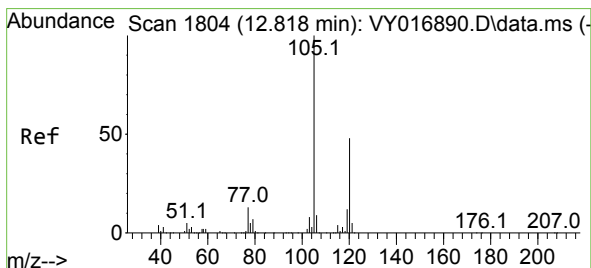
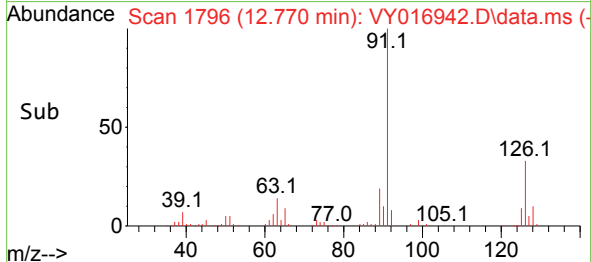
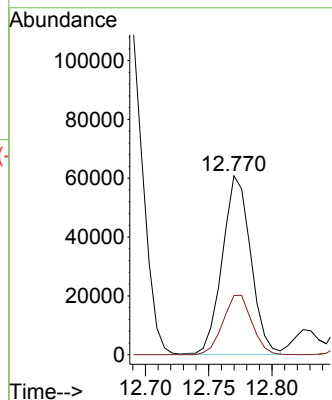
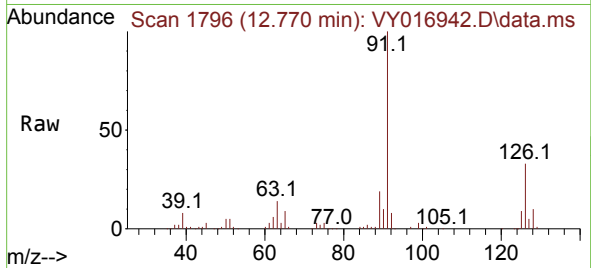




#79
2-Chlorotoluene
Concen: 22.173 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

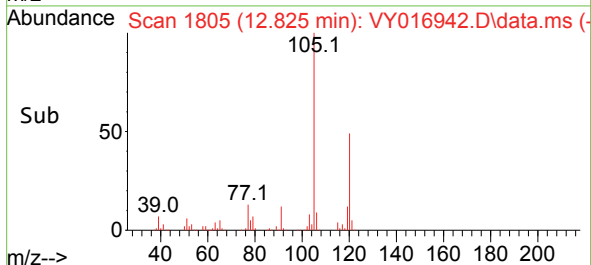
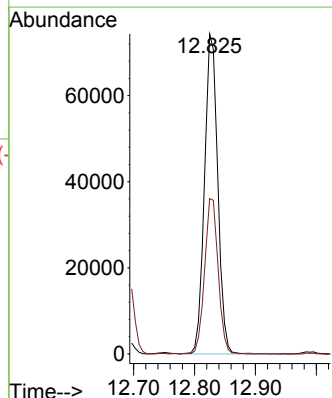
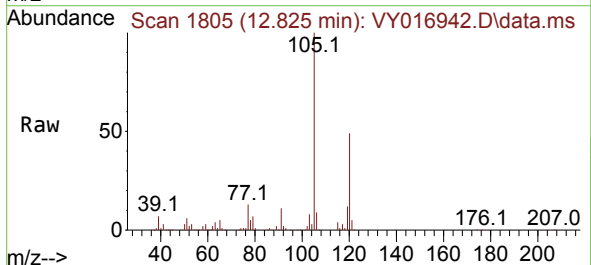
Instrument :
MSVOA_Y
ClientSampleId :

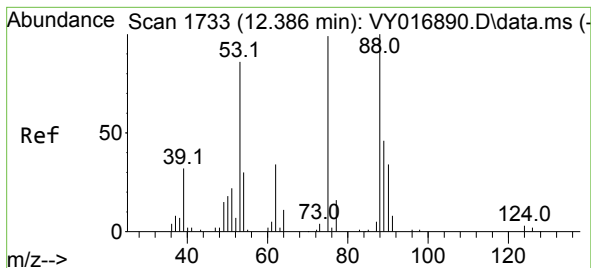
Tgt Ion: 91 Resp: 94768
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 22.431 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

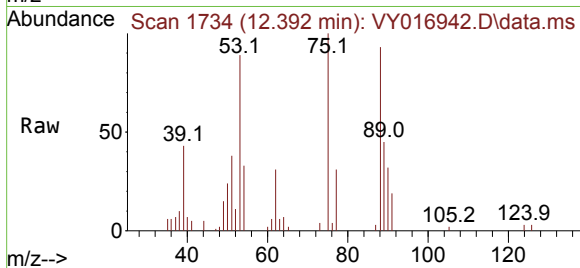
Tgt Ion: 105 Resp: 112471
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8



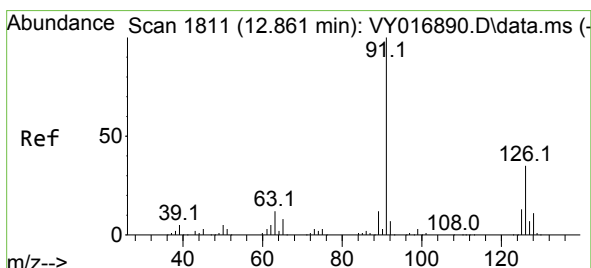
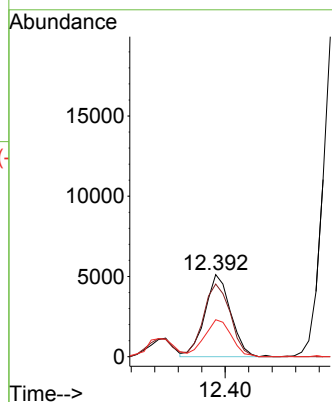
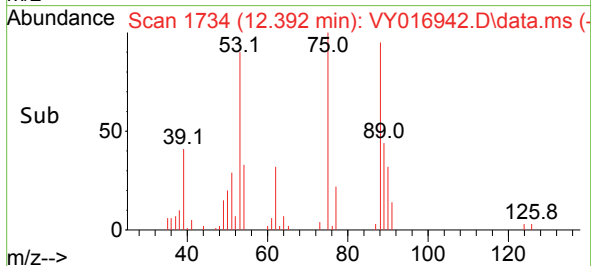


#81
trans-1,4-Dichloro-2-butene
Concen: 20.934 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

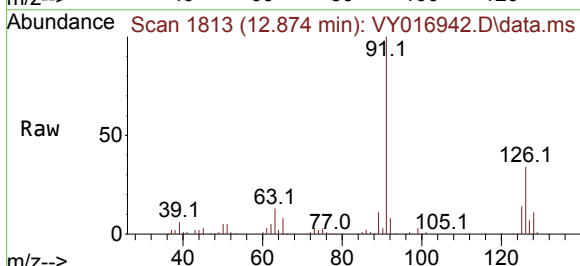
Instrument :
MSVOA_Y
ClientSampleId :



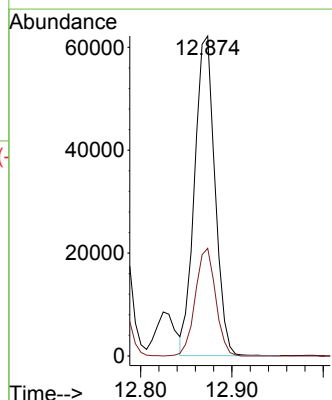
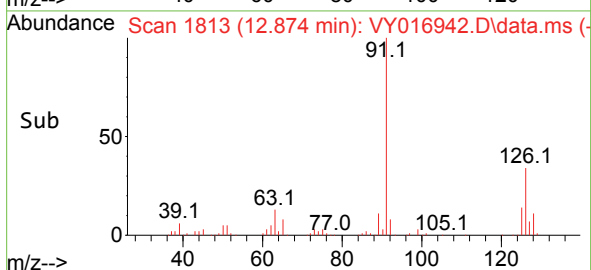
Tgt Ion: 75 Resp: 7767
Ion Ratio Lower Upper
75 100
53 91.7 74.0 111.0
89 46.8 36.5 54.7

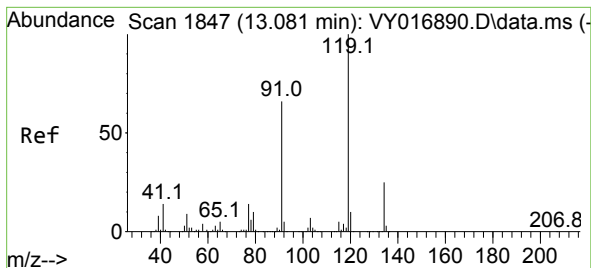


#82
4-Chlorotoluene
Concen: 21.980 ug/l
RT: 12.874 min Scan# 1813
Delta R.T. 0.013 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28



Tgt Ion: 91 Resp: 95976
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.542 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

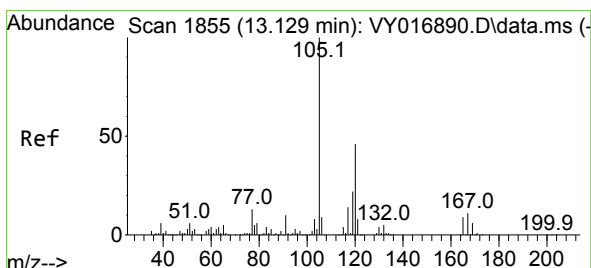
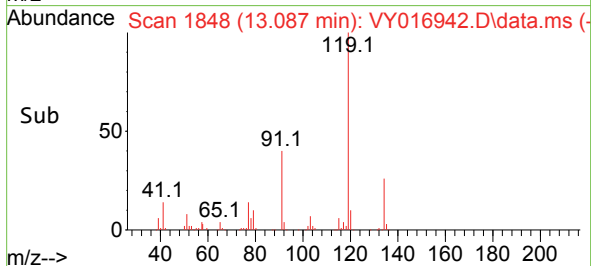
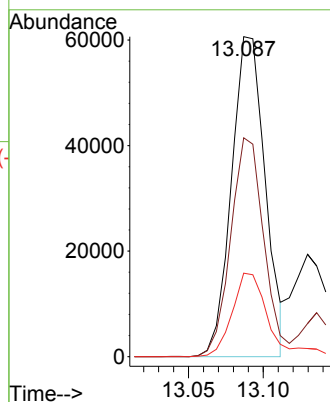
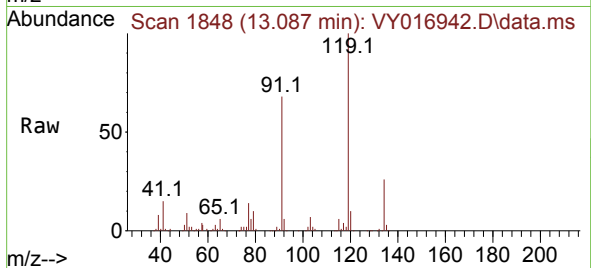
Tgt Ion:119 Resp: 95137

Ion Ratio Lower Upper

119 100

91 67.3 31.5 94.5

134 28.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.325 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016942.D

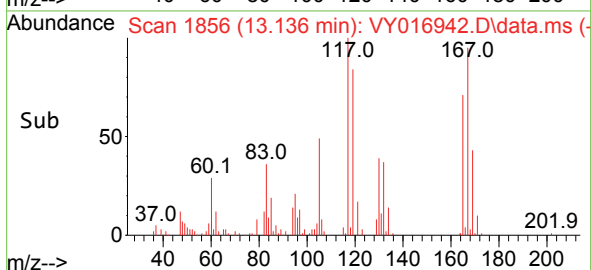
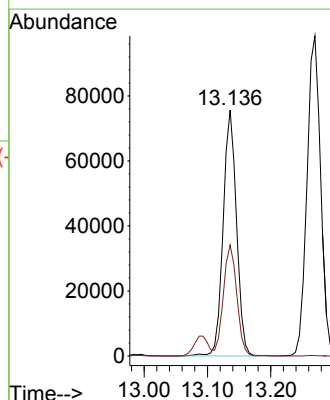
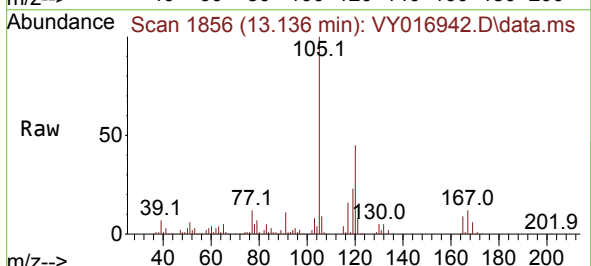
Acq: 09 Jan 2024 11:28

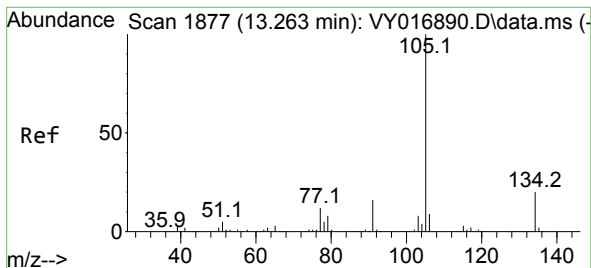
Tgt Ion:105 Resp: 110238

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.505 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

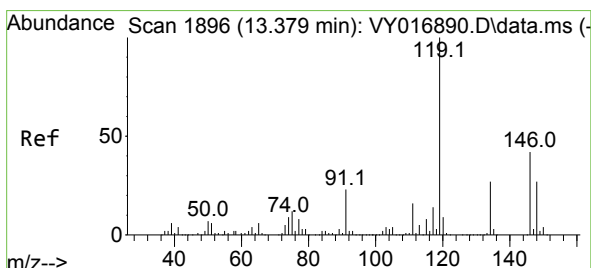
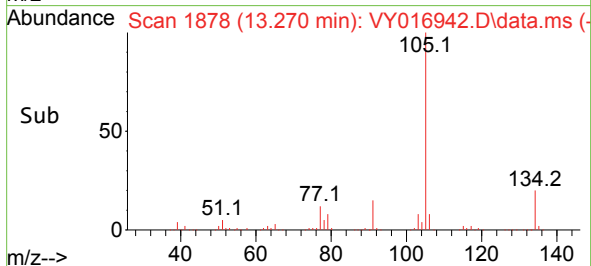
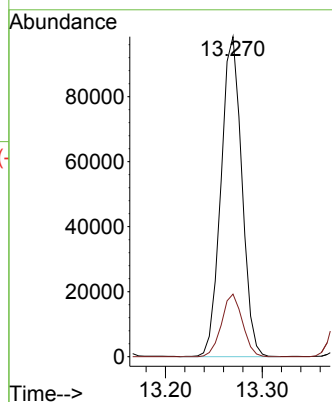
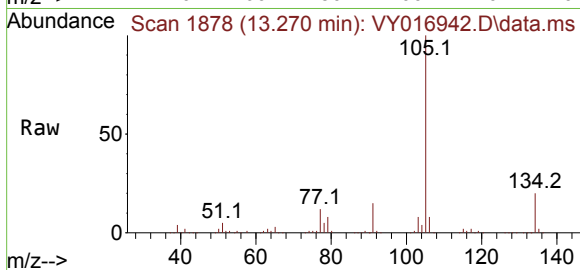
ClientSampleId :

Tgt Ion:105 Resp: 147269

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.316 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

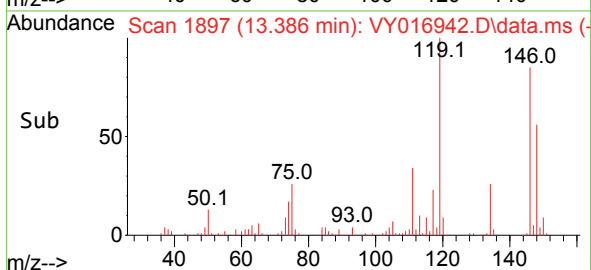
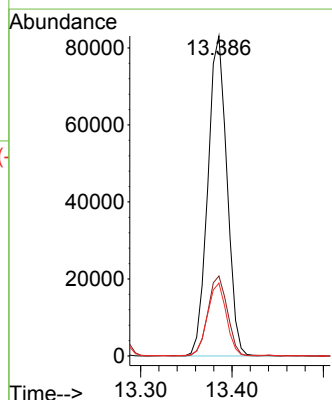
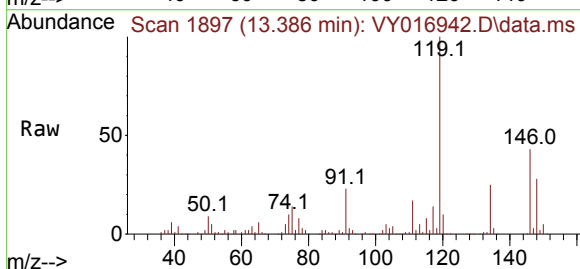
Tgt Ion:119 Resp: 120522

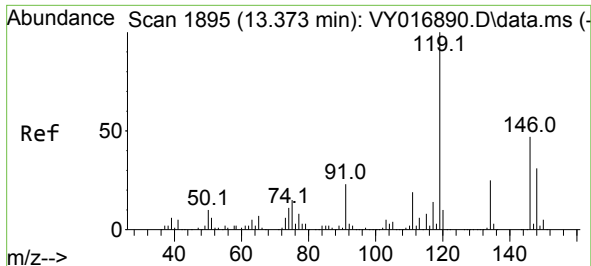
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 22.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.740 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

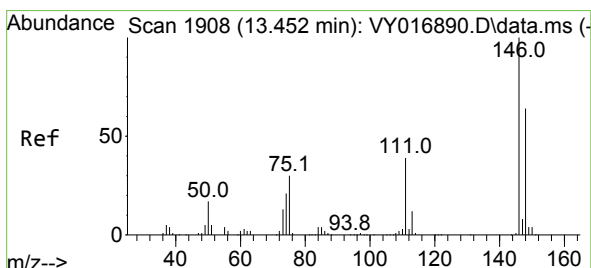
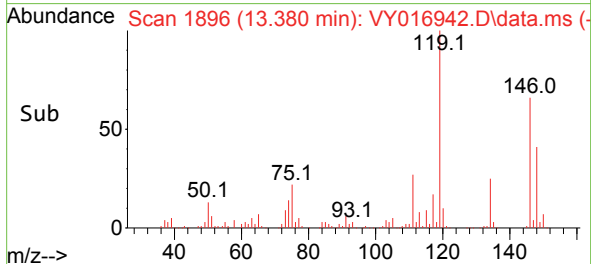
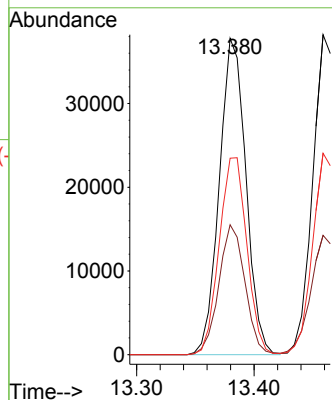
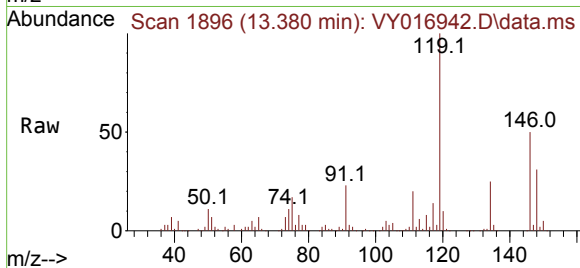
Tgt Ion:146 Resp: 59515

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 64.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.958 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

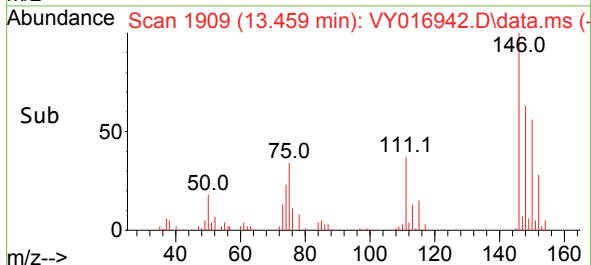
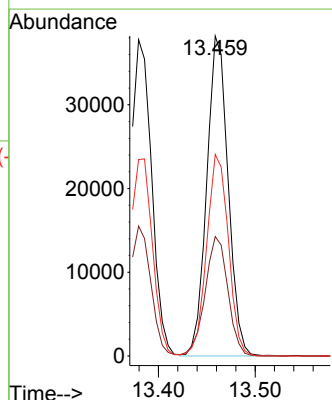
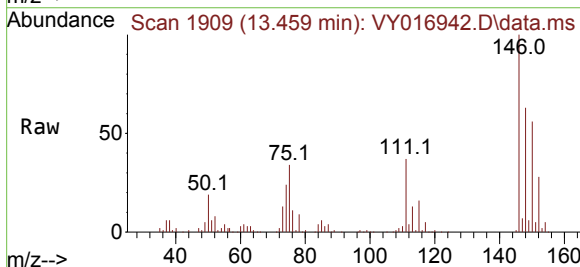
Tgt Ion:146 Resp: 58793

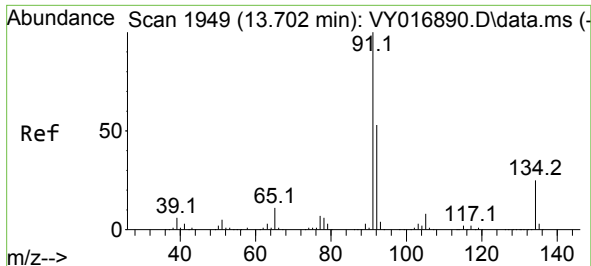
Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.9

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 22.303 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

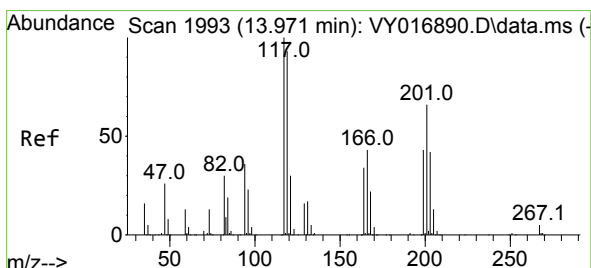
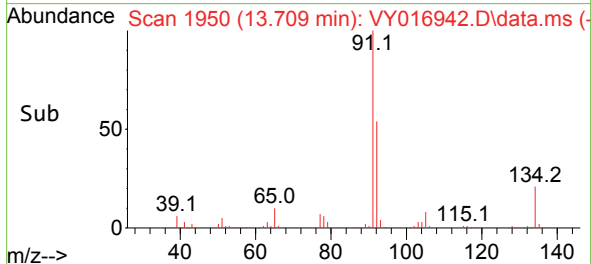
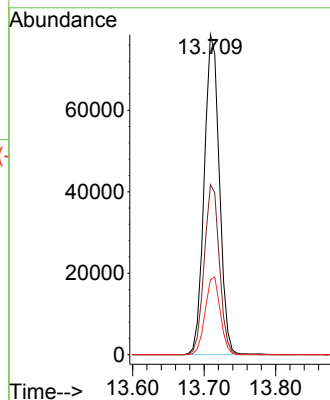
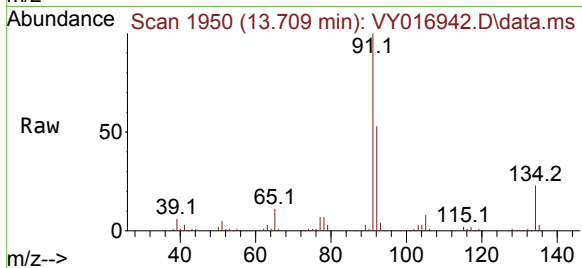
Tgt Ion: 91 Resp: 115809

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 21.985 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016942.D

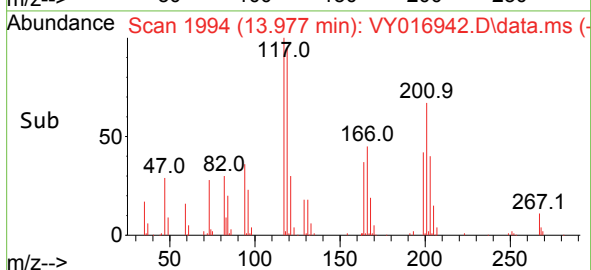
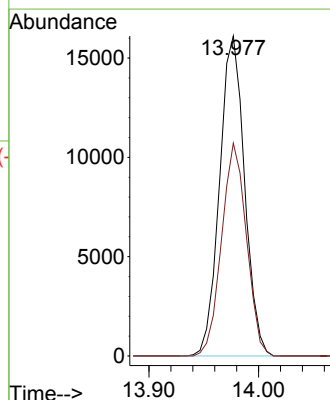
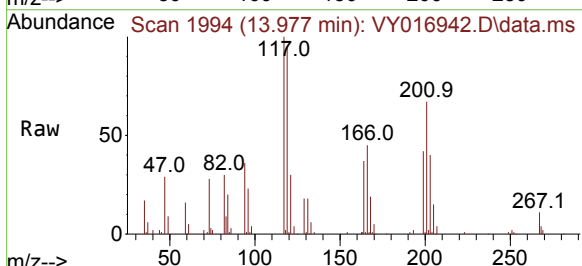
Acq: 09 Jan 2024 11:28

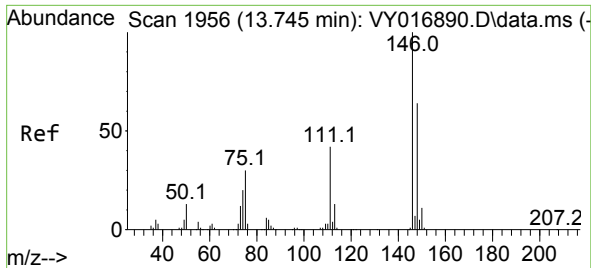
Tgt Ion: 117 Resp: 25514

Ion Ratio Lower Upper

117 100

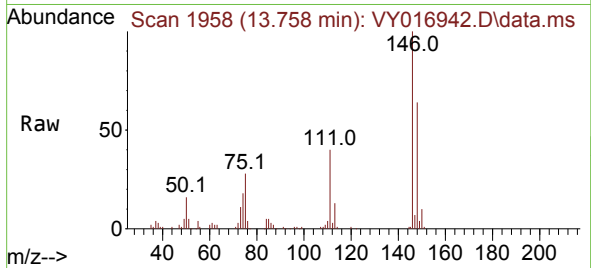
201 66.0 33.4 100.1



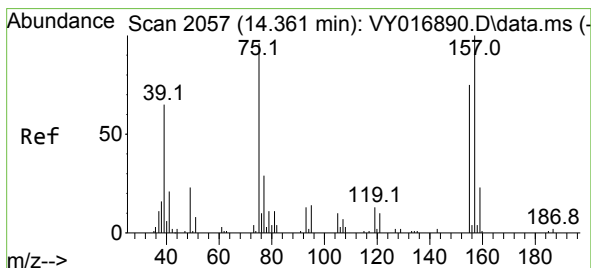
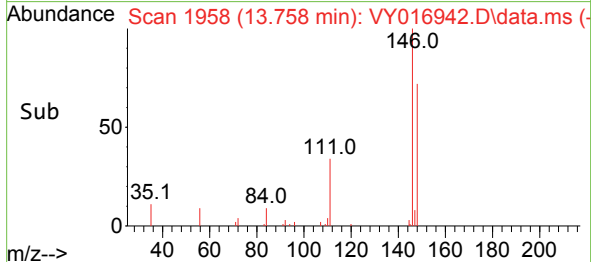
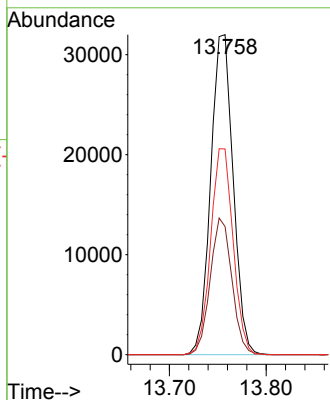


#91
1,2-Dichlorobenzene
Concen: 21.804 ug/l
RT: 13.758 min Scan# 1958
Delta R.T. 0.007 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

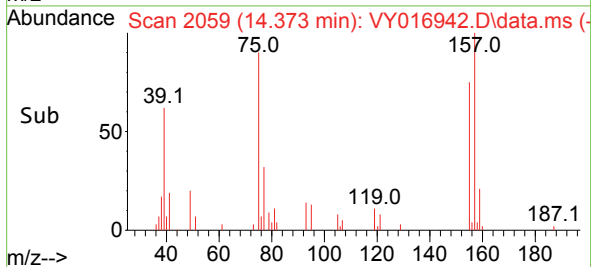
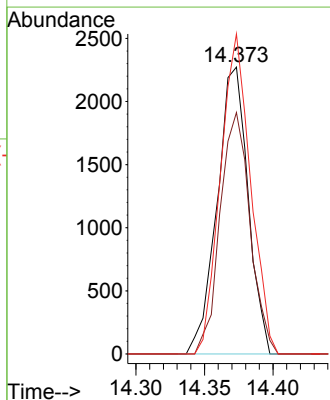
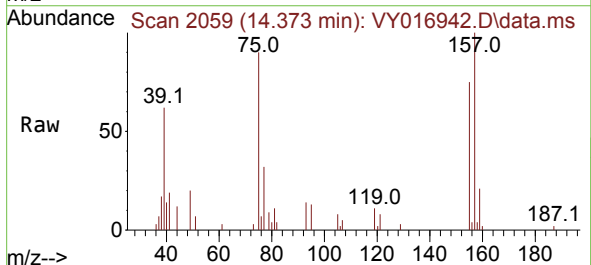


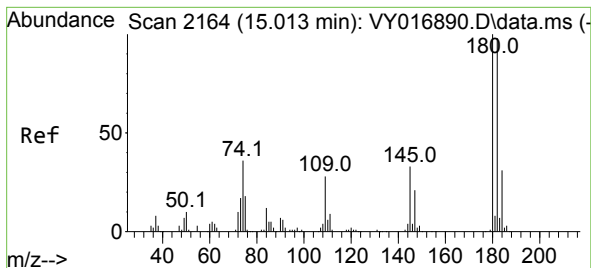
Tgt Ion:146 Resp: 51584
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 64.4 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.039 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016942.D
Acq: 09 Jan 2024 11:28

Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
155 81.3 42.1 126.3
157 108.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.452 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

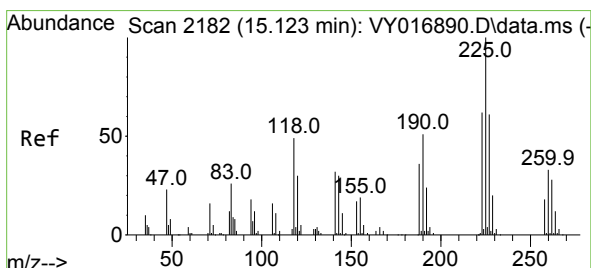
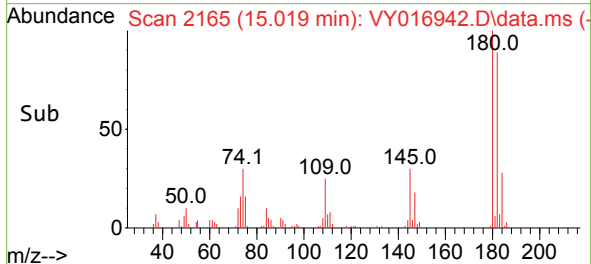
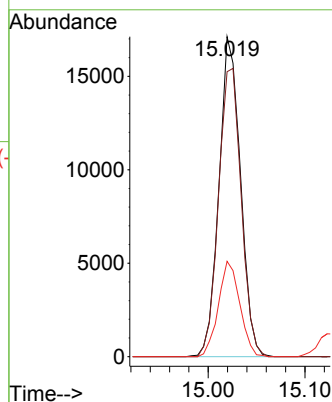
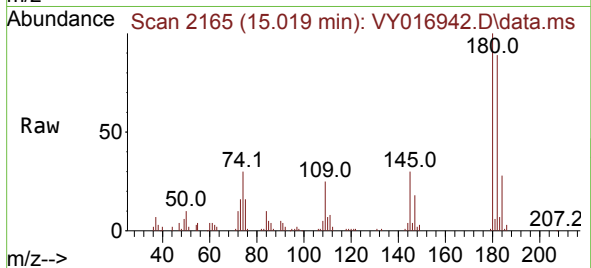
Tgt Ion:180 Resp: 26377

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 29.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.557 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

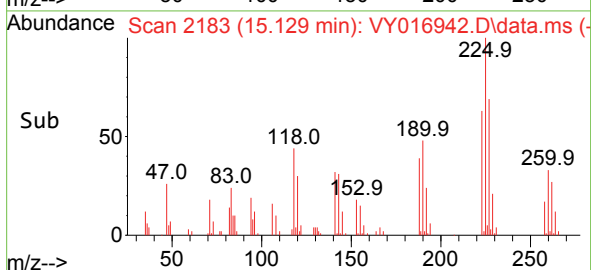
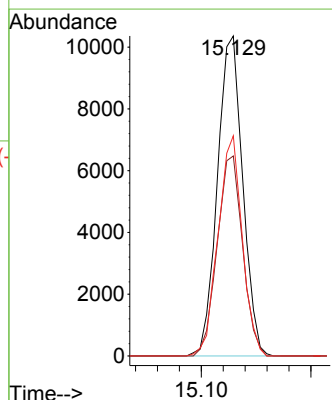
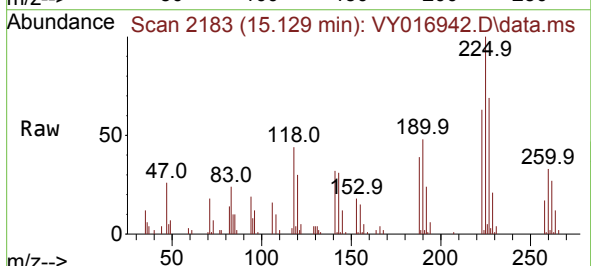
Tgt Ion:225 Resp: 16601

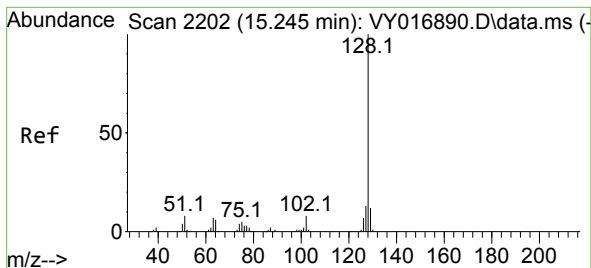
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 65.7 32.3 96.8





#95

Naphthalene

Concen: 22.794 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016942.D

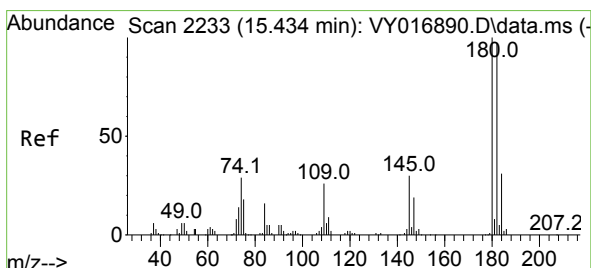
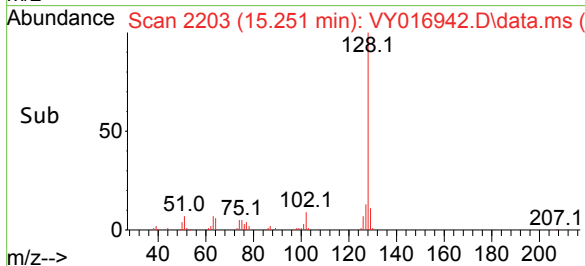
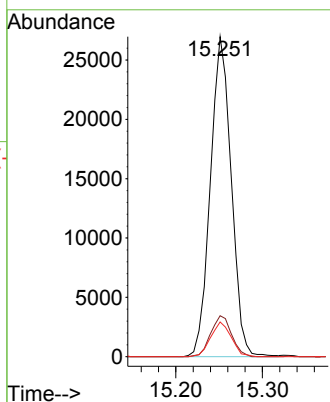
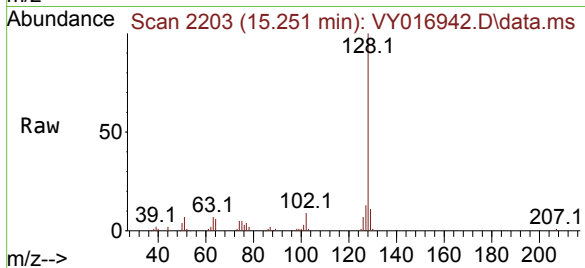
Acq: 09 Jan 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	45225
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	10.7	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.635 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016942.D

Acq: 09 Jan 2024 11:28

Tgt Ion:180	Resp:	21581
Ion Ratio	Lower	Upper
180	100	
182	95.7	46.3 138.8
145	32.8	16.1 48.2

