

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016943.D
 Acq On : 09 Jan 2024 11:51
 Operator : SY/MD
 Sample : VY0109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:24:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	130826	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	217174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	184909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	82270	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	62796	48.565	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.746	113	67009	48.420	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.203	98	238074	49.958	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.501	95	78563	48.863	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	21852	20.271	ug/l	95
3) Chloromethane	2.125	50	29149	18.967	ug/l	100
4) Vinyl Chloride	2.265	62	36089	19.908	ug/l	95
5) Bromomethane	2.668	94	25482	19.622	ug/l	99
6) Chloroethane	2.814	64	23786	19.397	ug/l	96
7) Trichlorofluoromethane	3.143	101	45977	20.584	ug/l	100
8) Diethyl Ether	3.546	74	14872	20.835	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.924	101	30402	20.934	ug/l	98
10) Methyl Iodide	4.119	142	24867	20.127	ug/l	97
11) Tert butyl alcohol	4.985	59	11631	104.297	ug/l	99
12) 1,1-Dichloroethene	3.899	96	24787	19.892	ug/l	96
13) Acrolein	3.753	56	17045	116.687	ug/l	98
14) Allyl chloride	4.503	41	40647	20.634	ug/l	99
15) Acrylonitrile	5.192	53	37202	111.423	ug/l	100
16) Acetone	3.966	43	47658	138.810	ug/l	98
17) Carbon Disulfide	4.222	76	53795	18.068	ug/l	100
18) Methyl Acetate	4.509	43	27344	19.738	ug/l	99
19) Methyl tert-butyl Ether	5.253	73	70224	21.662	ug/l	99
20) Methylene Chloride	4.747	84	36209	16.451	ug/l	99
21) trans-1,2-Dichloroethene	5.253	96	28637	20.066	ug/l	95
22) Diisopropyl ether	6.149	45	98753	21.684	ug/l	98
23) Vinyl Acetate	6.088	43	238529	114.227	ug/l	99
24) 1,1-Dichloroethane	6.051	63	56633	20.693	ug/l	98
25) 2-Butanone	7.015	43	59119	129.296	ug/l	98
26) 2,2-Dichloropropane	7.009	77	49136	20.707	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	34358	20.538	ug/l	96
28) Bromochloromethane	7.362	49	20615	20.065	ug/l	100
29) Tetrahydrofuran	7.374	42	29231	111.694	ug/l	98
30) Chloroform	7.533	83	59086	20.950	ug/l	98
31) Cyclohexane	7.813	56	43896	19.780	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	50156	20.974	ug/l	98
36) 1,1-Dichloropropene	7.941	75	42019	20.834	ug/l	99
37) Ethyl Acetate	7.106	43	21242	23.176	ug/l	98
38) Carbon Tetrachloride	7.929	117	41788	20.393	ug/l	99
39) Methylcyclohexane	9.209	83	44968	19.833	ug/l	99
40) Benzene	8.185	78	126026	20.830	ug/l	100

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 ClientSampleId :

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 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)
41) Methacrylonitrile	7.332	41	11254	23.314	ug/l	94
42) 1,2-Dichloroethane	8.264	62	34885	21.719	ug/l	99
43) Isopropyl Acetate	8.295	43	39738	22.641	ug/l	99
44) Trichloroethene	8.966	130	32491	21.105	ug/l	96
45) 1,2-Dichloropropane	9.234	63	33458	21.466	ug/l	98
46) Dibromomethane	9.325	93	16893	21.251	ug/l	99
47) Bromodichloromethane	9.520	83	44704	20.942	ug/l	95
48) Methyl methacrylate	9.313	41	19927	21.037	ug/l	94
49) 1,4-Dioxane	9.319	88	3768	457.792	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	106773	114.388	ug/l	100
52) Toluene	10.264	92	78277	21.438	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	41171	21.533	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	48618	21.173	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	25354	21.832	ug/l	97
56) Ethyl methacrylate	10.532	69	21719	22.080	ug/l	99
57) 1,3-Dichloropropane	10.813	76	41680	21.496	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	52837	96.846	ug/l	100
59) 2-Hexanone	10.849	43	81939	119.217	ug/l	100
60) Dibromochloromethane	11.002	129	29758	22.220	ug/l	97
61) 1,2-Dibromoethane	11.111	107	22470	22.270	ug/l	97
64) Tetrachloroethene	10.740	164	24818	20.702	ug/l	98
65) Chlorobenzene	11.538	112	82593	21.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	31747	21.681	ug/l	99
67) Ethyl Benzene	11.611	91	146539	21.131	ug/l	99
68) m/p-Xylenes	11.721	106	109124	42.869	ug/l	100
69) o-Xylene	12.050	106	50783	21.280	ug/l	100
70) Styrene	12.063	104	74874	21.558	ug/l	99
71) Bromoform	12.227	173	15803	21.922	ug/l #	99
73) Isopropylbenzene	12.349	105	140917	20.975	ug/l	100
74) N-amyl acetate	12.160	43	30182	22.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	29328	21.425	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	34367	38.494	ug/l #	100
77) Bromobenzene	12.630	156	30484	20.609	ug/l	98
78) n-propylbenzene	12.690	91	170469	20.872	ug/l	100
79) 2-Chlorotoluene	12.776	91	93806	20.712	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	112725	21.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	8481	21.571	ug/l	98
82) 4-Chlorotoluene	12.873	91	98361	21.258	ug/l	99
83) tert-Butylbenzene	13.093	119	98641	21.078	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	111244	21.260	ug/l	99
85) sec-Butylbenzene	13.270	105	146243	21.090	ug/l	100
86) p-Isopropyltoluene	13.385	119	120525	21.060	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	60463	20.843	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	61204	21.571	ug/l	99
89) n-Butylbenzene	13.715	91	115717	21.030	ug/l	100
90) Hexachloroethane	13.977	117	25396	20.651	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	53283	21.254	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3470	20.215	ug/l	96
93) 1,2,4-Trichlorobenzene	15.025	180	27577	22.152	ug/l	96
94) Hexachlorobutadiene	15.129	225	16759	21.490	ug/l	99
95) Naphthalene	15.251	128	49098	23.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23525	22.255	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 10 02:24:50 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

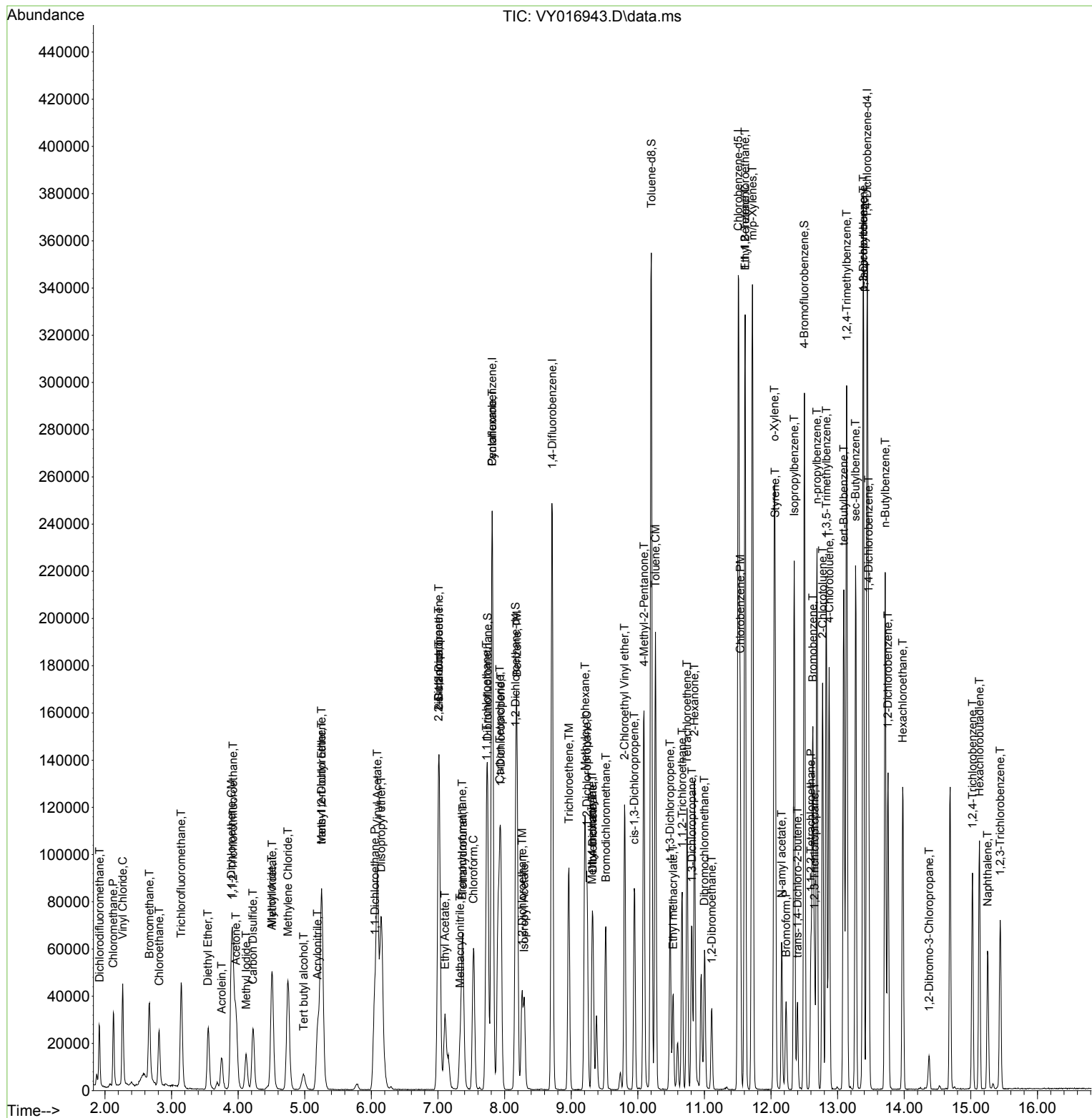
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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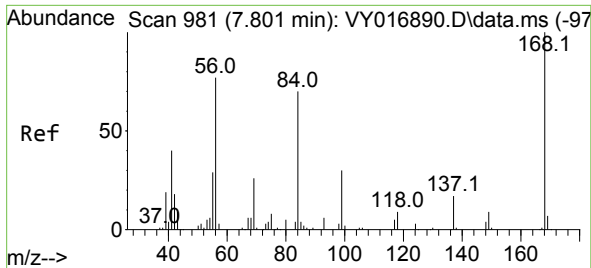
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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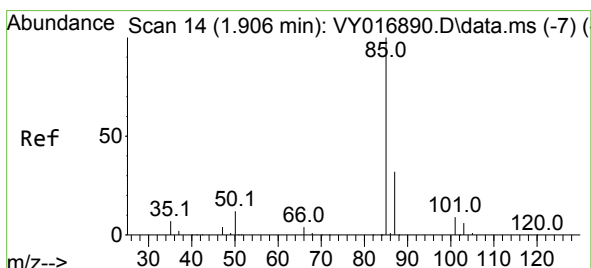
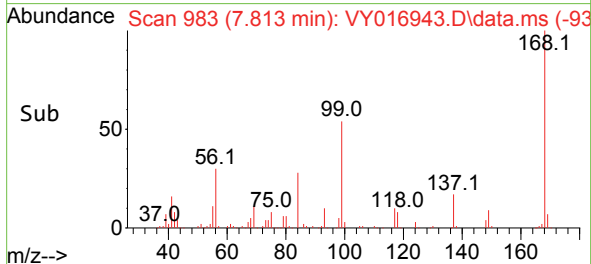
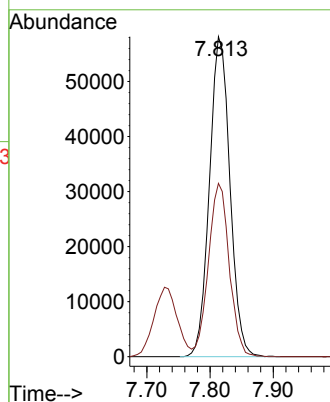
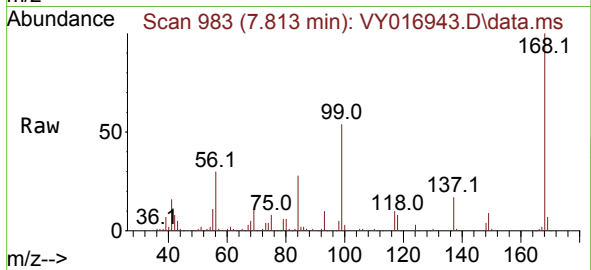




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

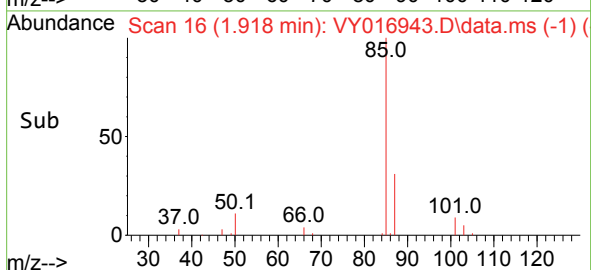
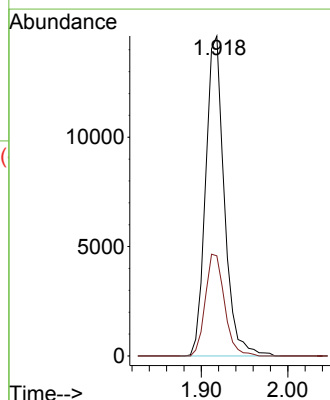
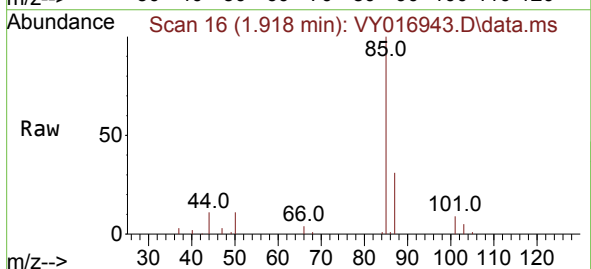
Instrument :
MSVOA_Y
ClientSampleId :

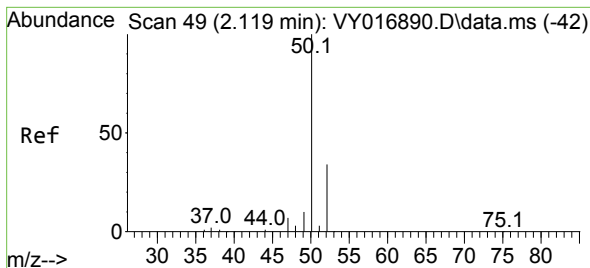
Tgt Ion:168 Resp: 130826
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.271 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 85 Resp: 21852
Ion Ratio Lower Upper
85 100
87 31.3 17.1 51.3





#3

Chloromethane

Concen: 18.967 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

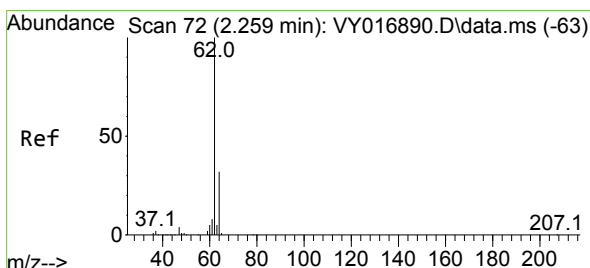
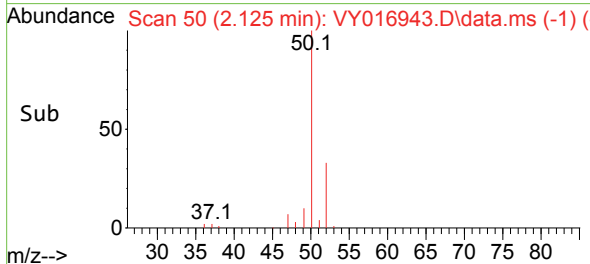
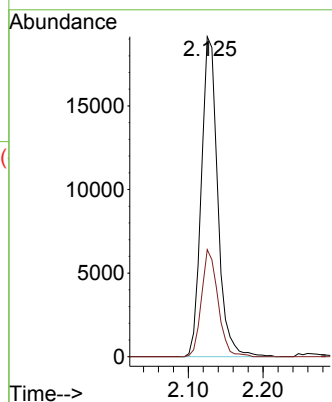
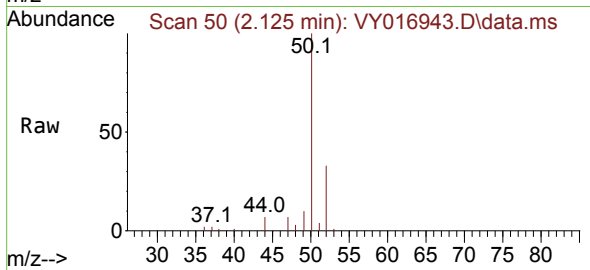
ClientSampleId :

Tgt Ion: 50 Resp: 29149

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 19.908 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016943.D

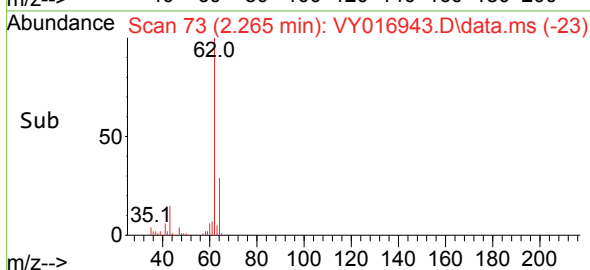
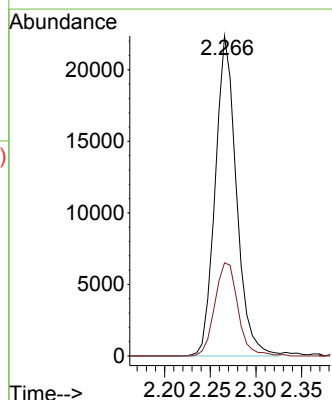
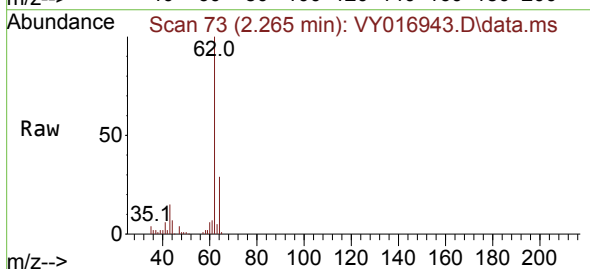
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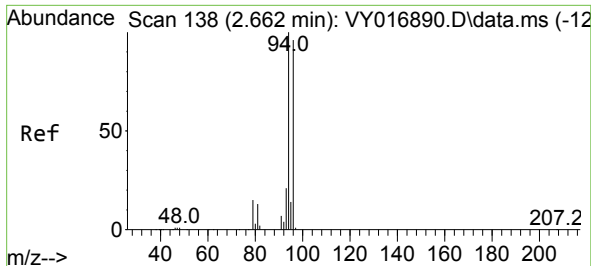
Tgt Ion: 62 Resp: 36089

Ion Ratio Lower Upper

62 100

64 29.1 25.7 38.5

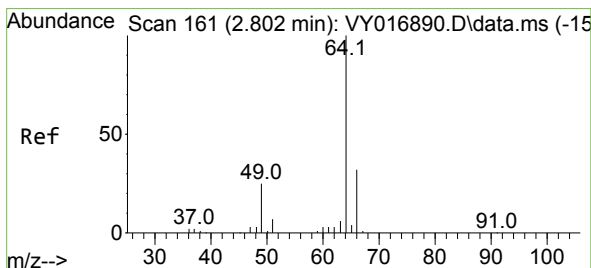
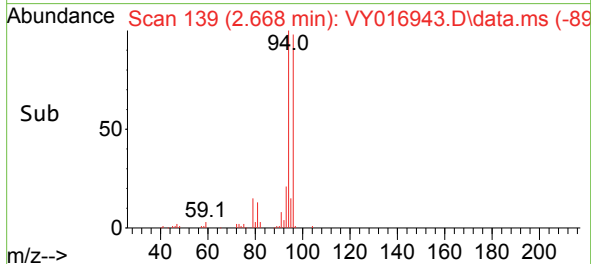
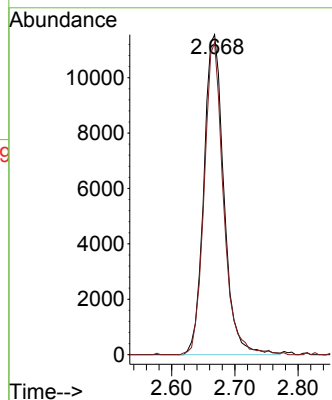
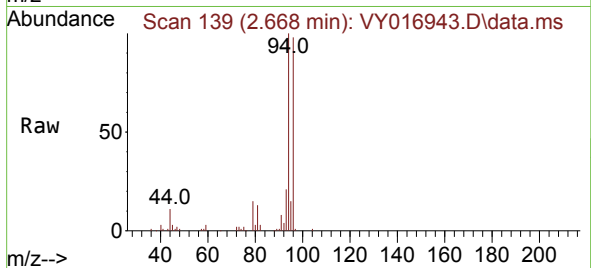




#5
Bromomethane
Concen: 19.622 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

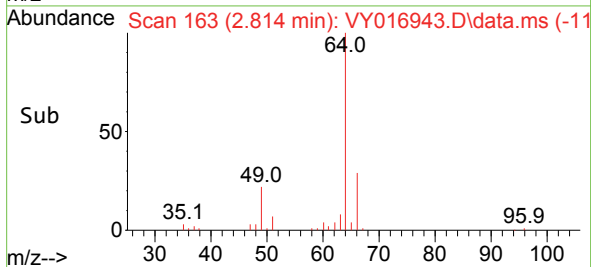
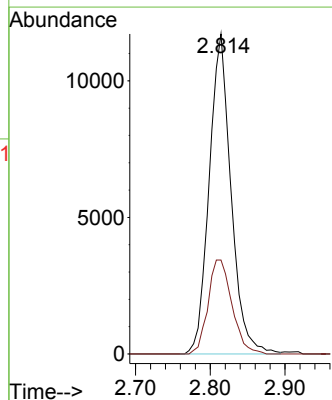
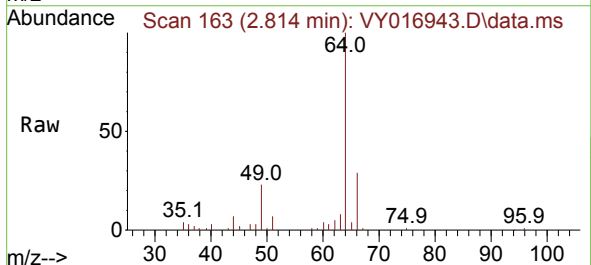
Instrument :
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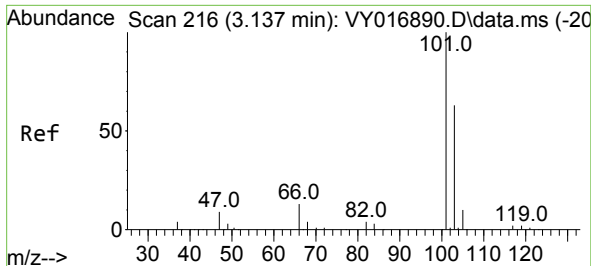
Tgt Ion: 94 Resp: 25482
Ion Ratio Lower Upper
94 100
96 97.5 77.3 115.9



#6
Chloroethane
Concen: 19.397 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

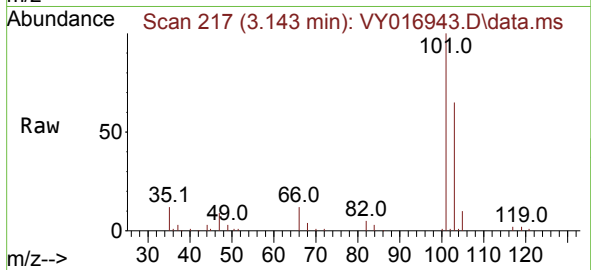
Tgt Ion: 64 Resp: 23786
Ion Ratio Lower Upper
64 100
66 29.4 25.1 37.7



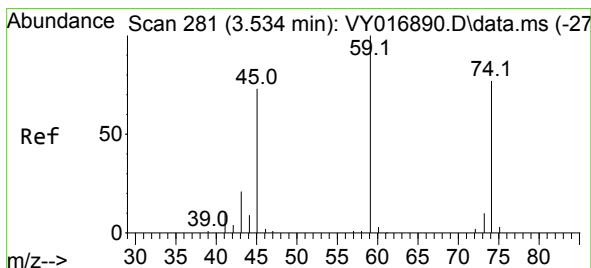
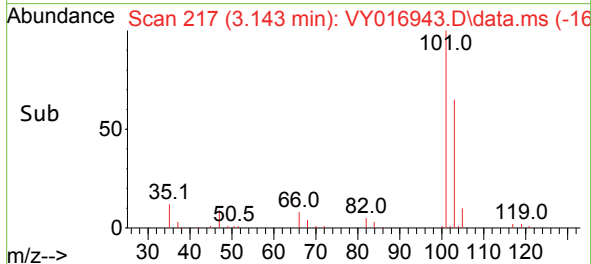
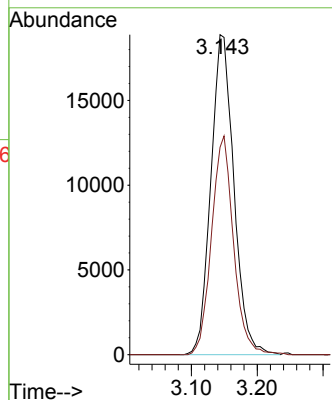


#7
 Trichlorofluoromethane
 Concen: 20.584 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :

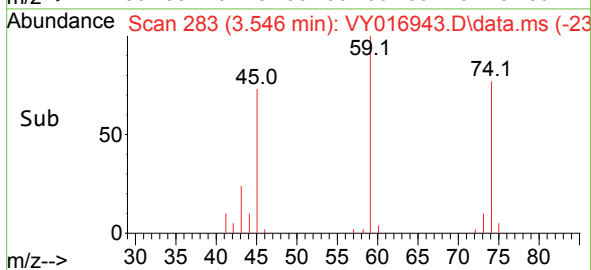
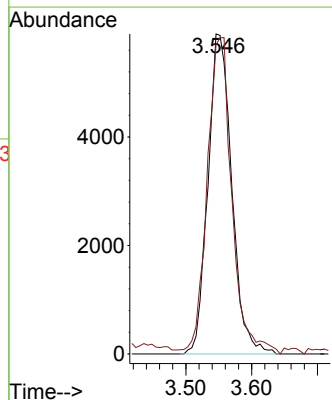
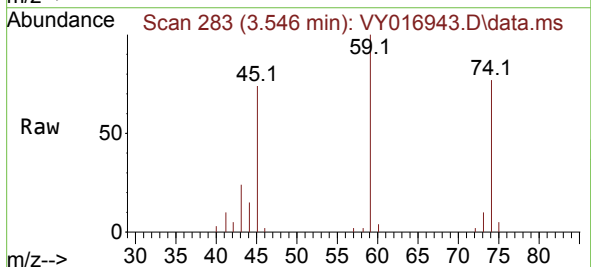


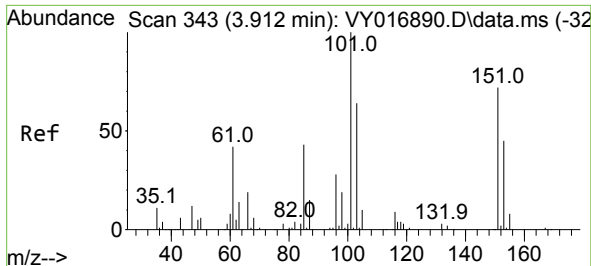
Tgt Ion:101 Resp: 45977
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.835 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016943.D
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Tgt Ion: 74 Resp: 14872
 Ion Ratio Lower Upper
 74 100
 45 102.7 47.9 143.7

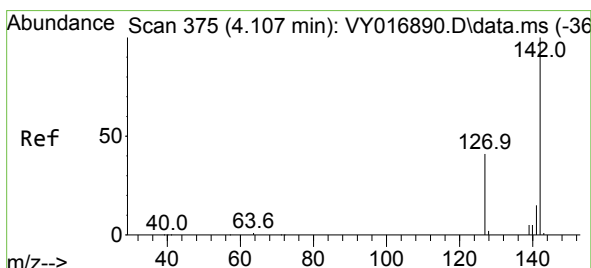
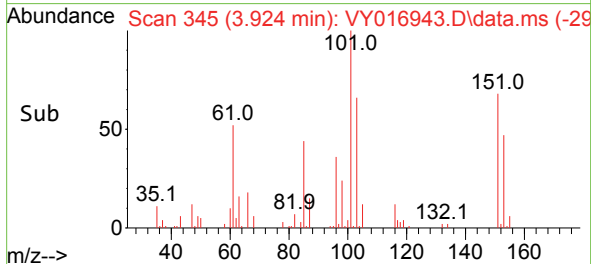
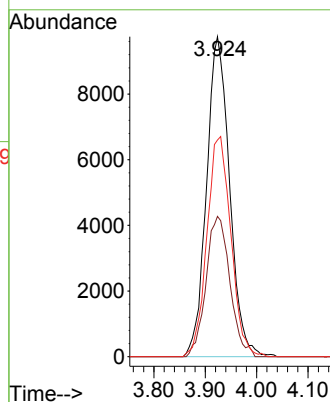
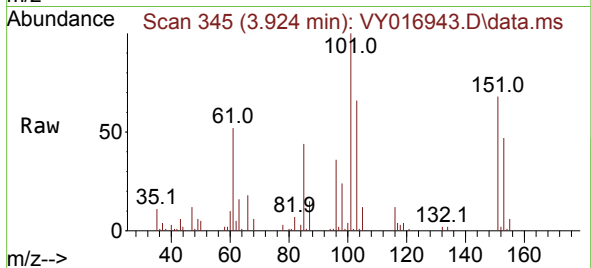




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.934 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

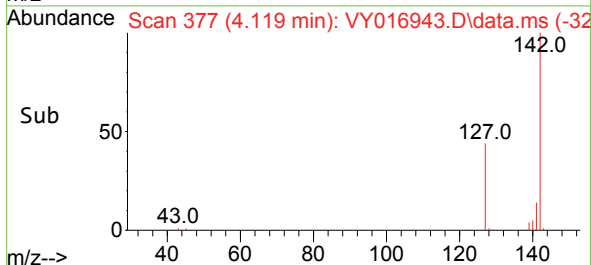
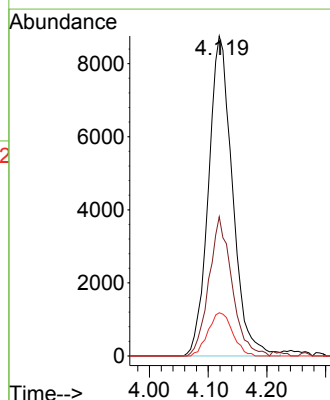
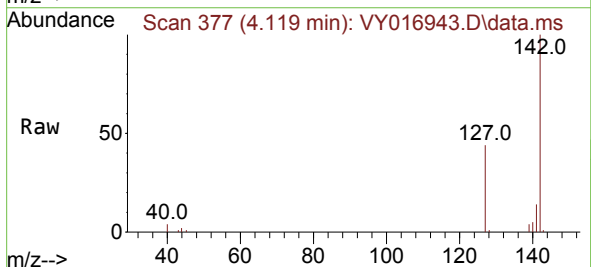
Instrument :
MSVOA_Y
ClientSampleId :

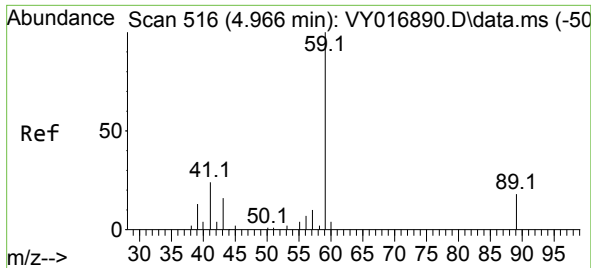
Tgt Ion:101 Resp: 30402
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 71.6 58.6 88.0



#10
Methyl Iodide
Concen: 20.127 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:142 Resp: 24867
Ion Ratio Lower Upper
142 100
127 41.8 35.1 52.7
141 13.8 11.8 17.6

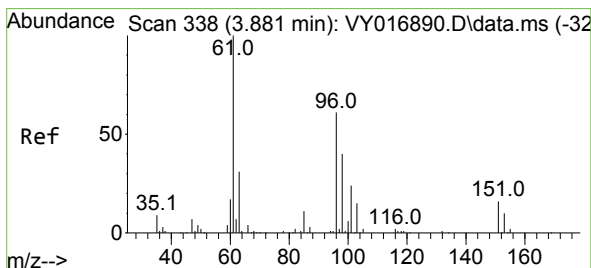
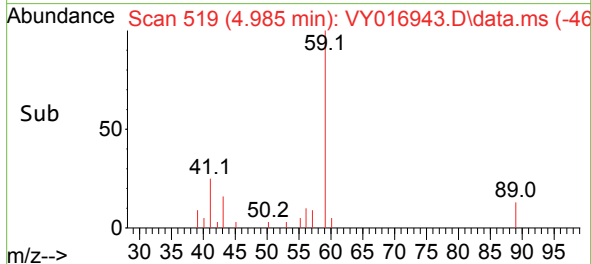
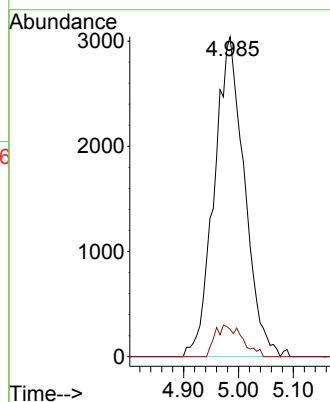
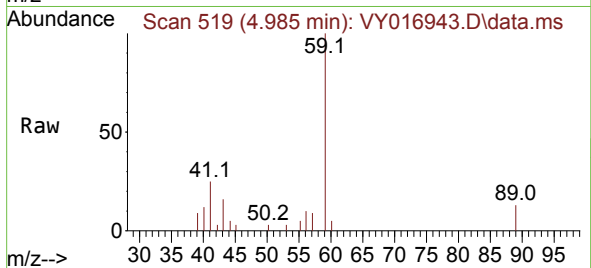




#11
Tert butyl alcohol
Concen: 104.297 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.019 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

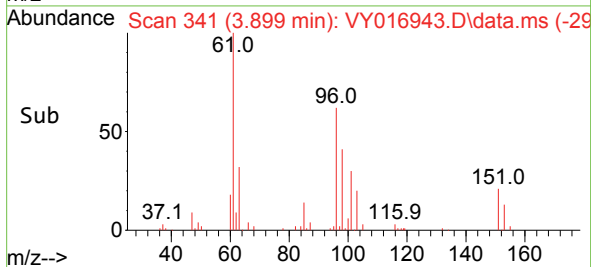
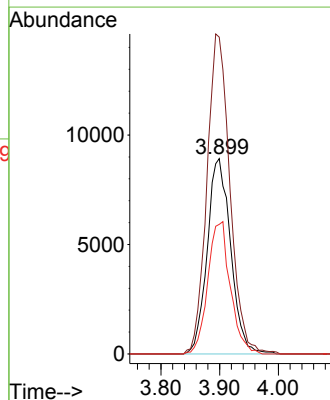
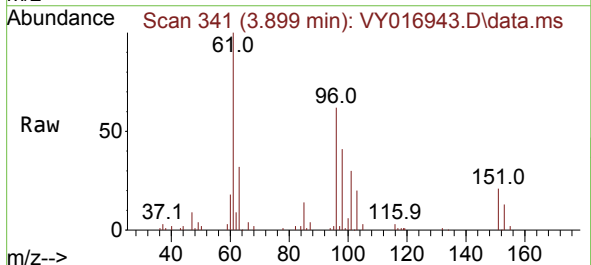
Instrument :
MSVOA_Y
ClientSampleId :

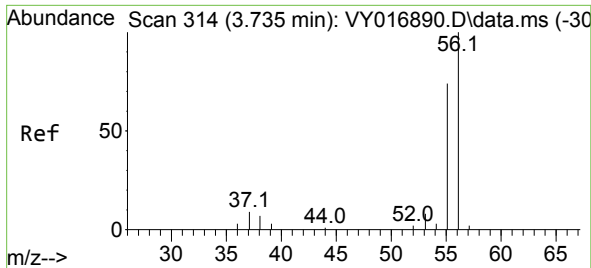
Tgt Ion: 59 Resp: 11631
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 19.892 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 96 Resp: 24787
Ion Ratio Lower Upper
96 100
61 162.2 124.2 186.2
98 66.3 52.6 79.0





#13

Acrolein

Concen: 116.687 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

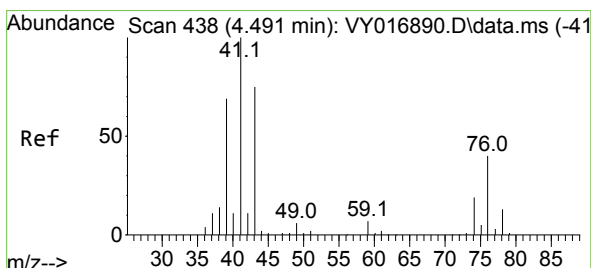
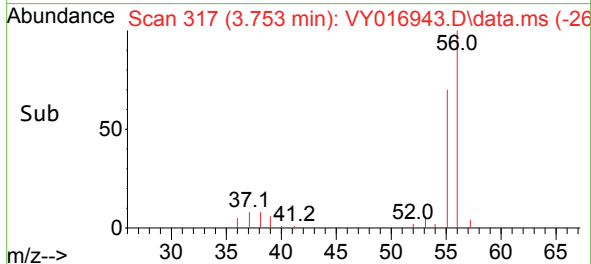
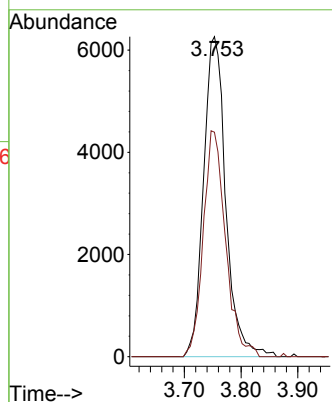
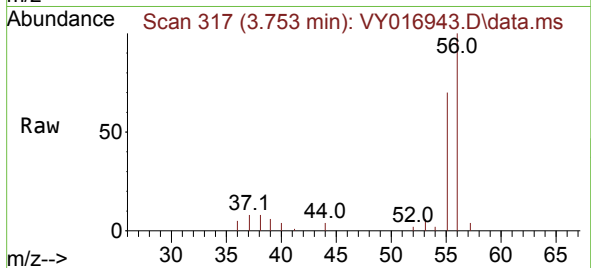
ClientSampleId :

Tgt Ion: 56 Resp: 17045

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 20.634 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

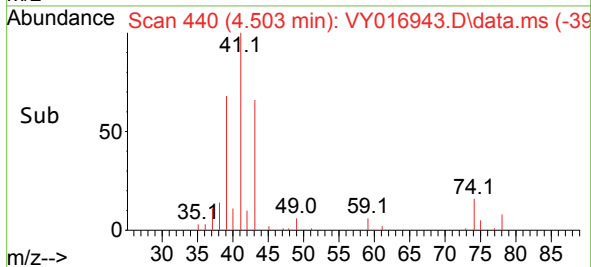
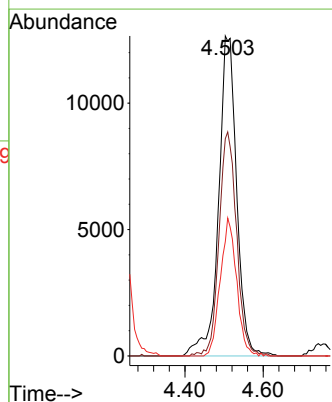
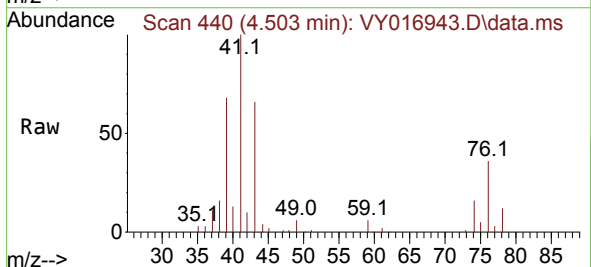
Tgt Ion: 41 Resp: 40647

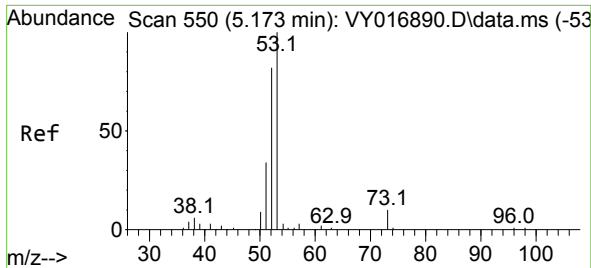
Ion Ratio Lower Upper

41 100

39 68.1 54.7 82.1

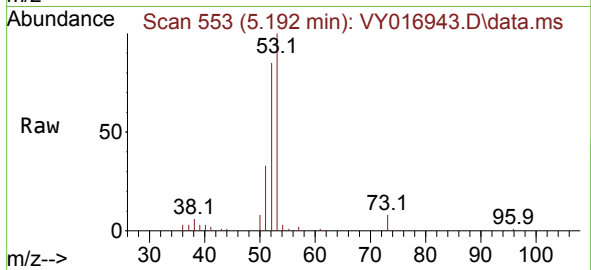
76 38.8 31.8 47.6



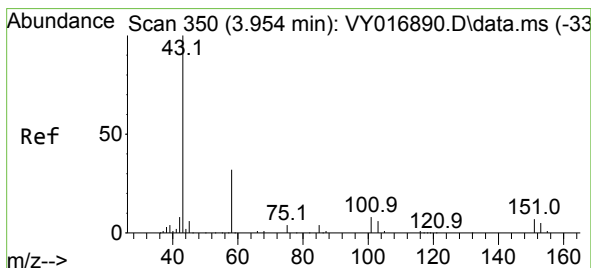
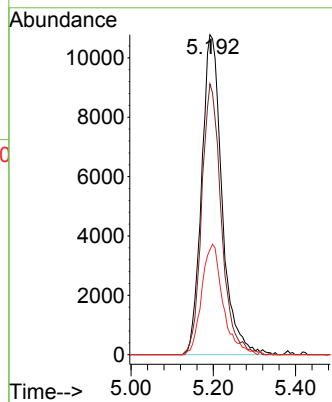
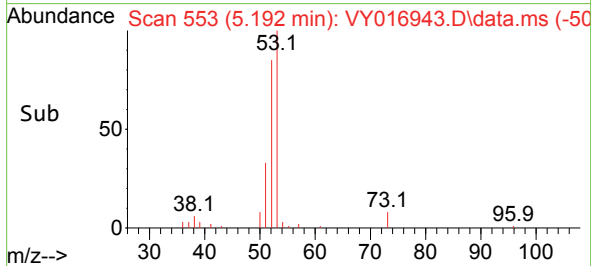


#15
Acrylonitrile
Concen: 111.423 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

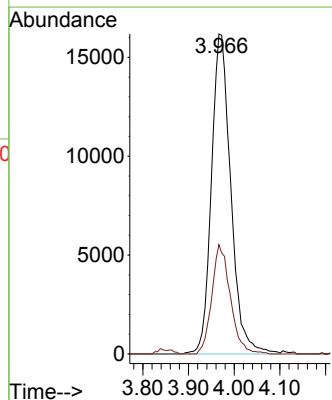
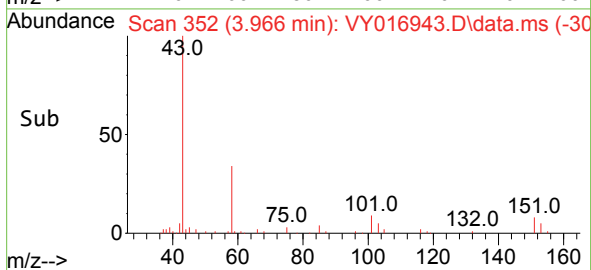
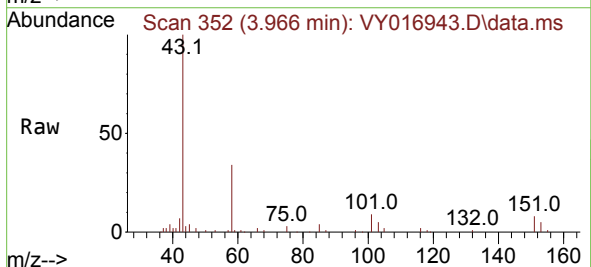


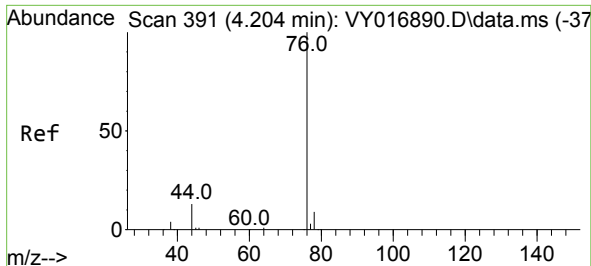
Tgt Ion: 53 Resp: 37202
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 35.9 29.0 43.4



#16
Acetone
Concen: 138.810 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 43 Resp: 47658
Ion Ratio Lower Upper
43 100
58 34.2 26.6 39.8

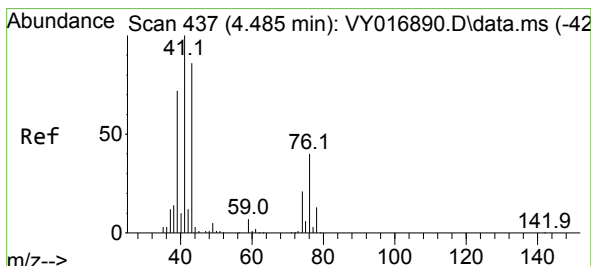
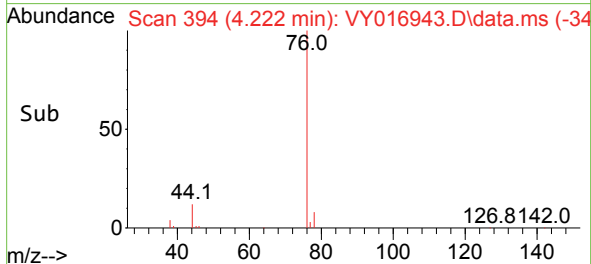
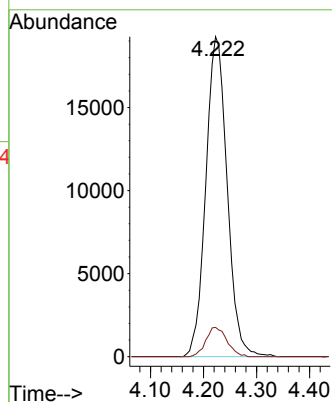
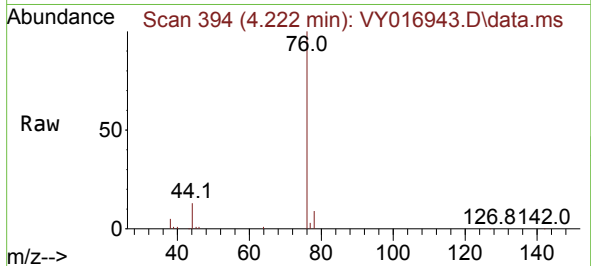




#17
Carbon Disulfide
Concen: 18.068 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

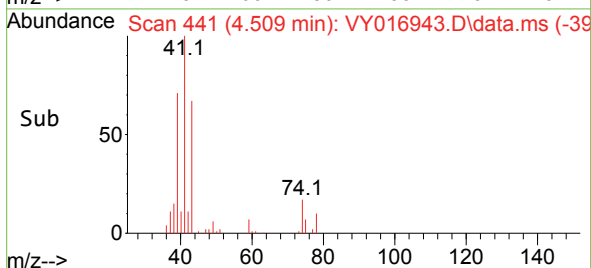
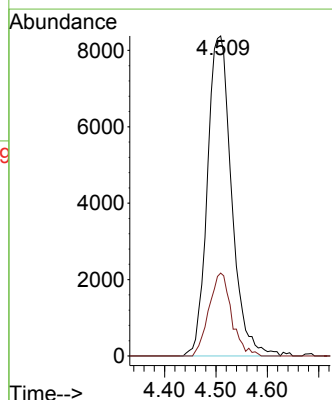
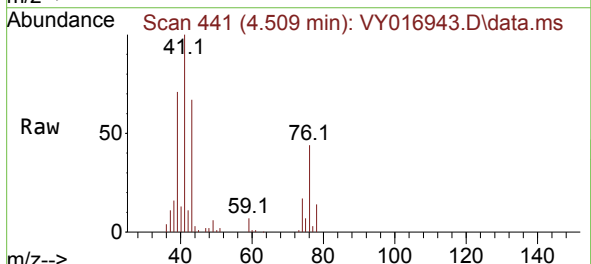
Instrument :
MSVOA_Y
ClientSampleId :

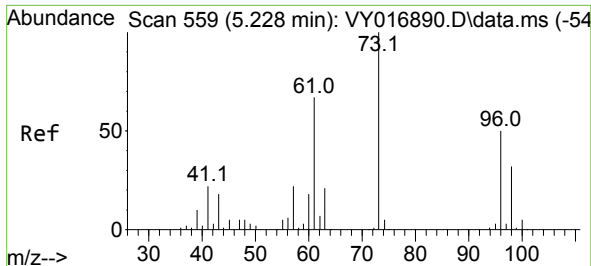
Tgt Ion: 76 Resp: 53795
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 19.738 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 43 Resp: 27344
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 21.662 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.019 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

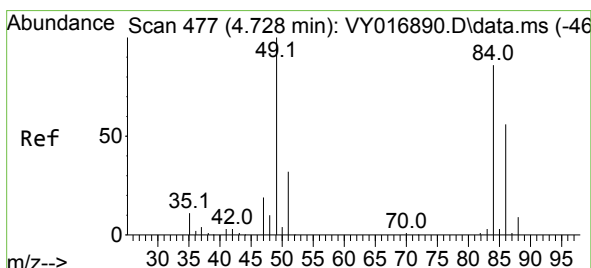
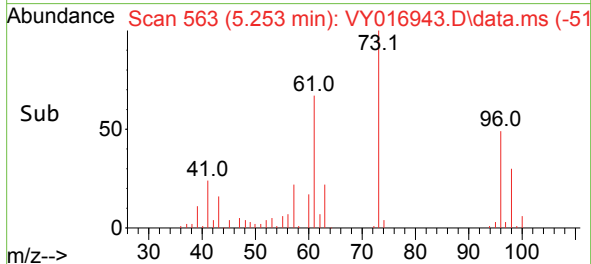
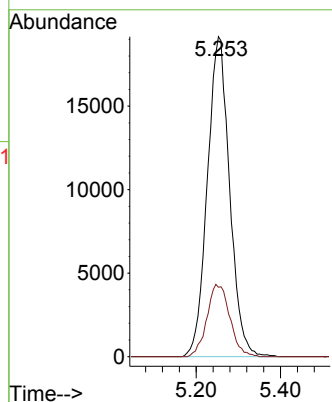
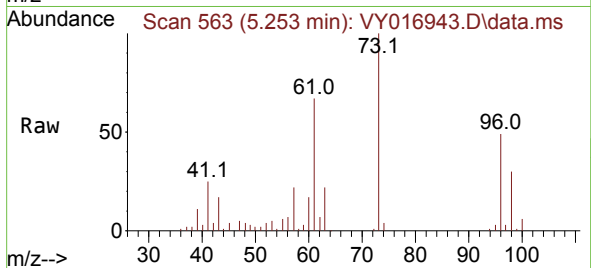
ClientSampleId :

Tgt Ion: 73 Resp: 70224

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 16.451 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.013 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Tgt Ion: 84 Resp: 36209

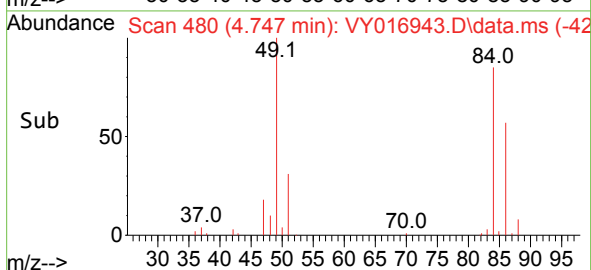
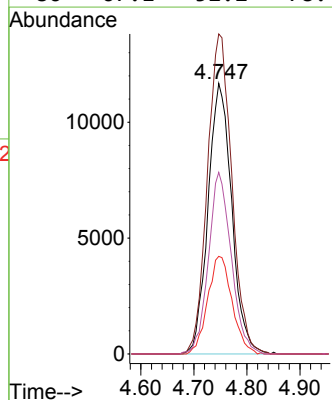
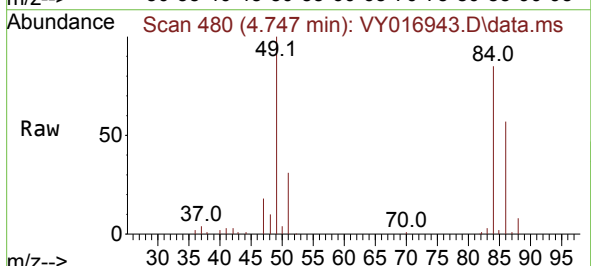
Ion Ratio Lower Upper

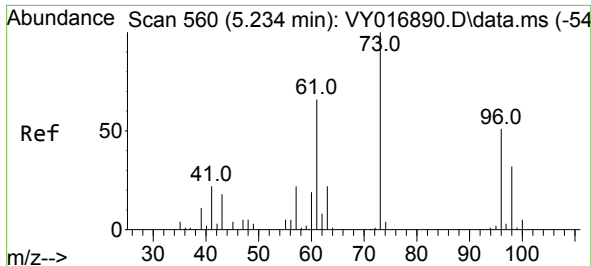
84 100

49 118.3 95.2 142.8

51 36.1 29.9 44.9

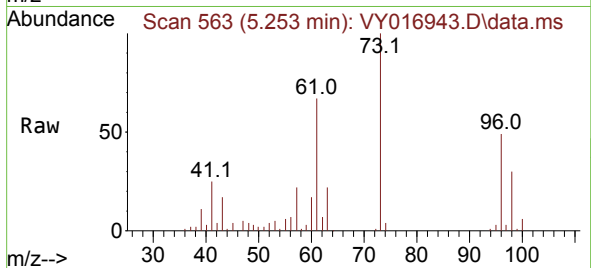
86 67.1 52.2 78.4



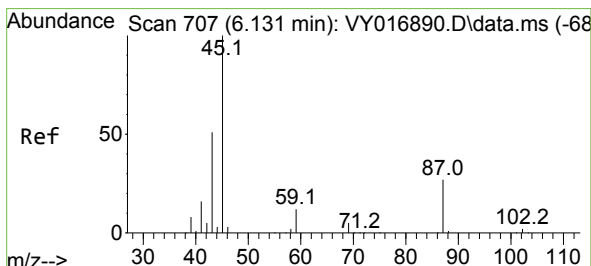
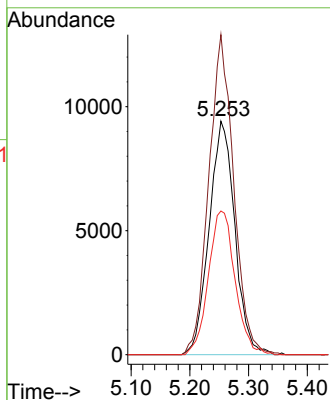
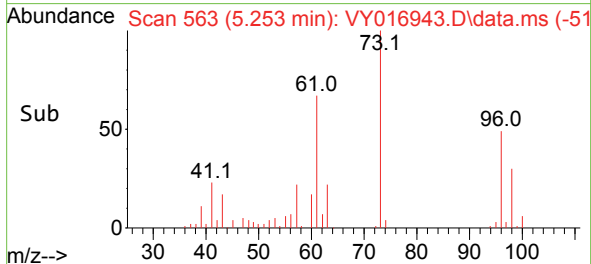


#21
trans-1,2-Dichloroethene
Concen: 20.066 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

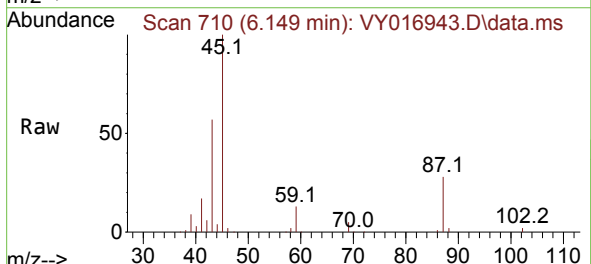
Instrument :
MSVOA_Y
ClientSampleId :



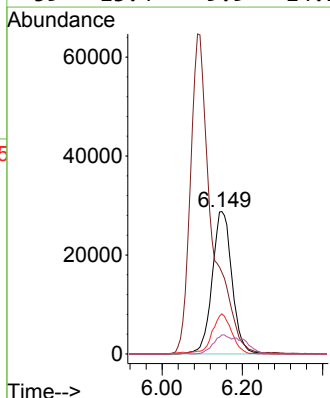
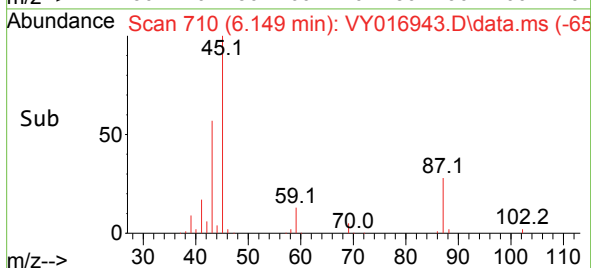
Tgt Ion: 96 Resp: 28637
Ion Ratio Lower Upper
96 100
61 137.1 104.6 156.8
98 61.5 50.9 76.3

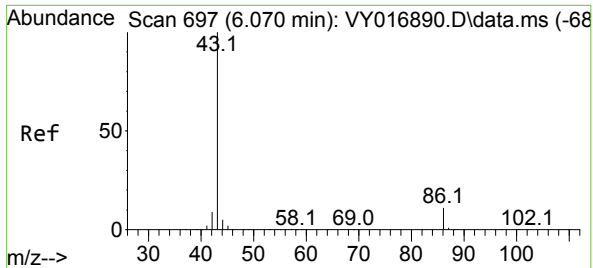


#22
Diisopropyl ether
Concen: 21.684 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51



Tgt Ion: 45 Resp: 98753
Ion Ratio Lower Upper
45 100
43 56.4 46.8 70.2
87 28.2 22.2 33.2
59 13.4 9.9 14.9

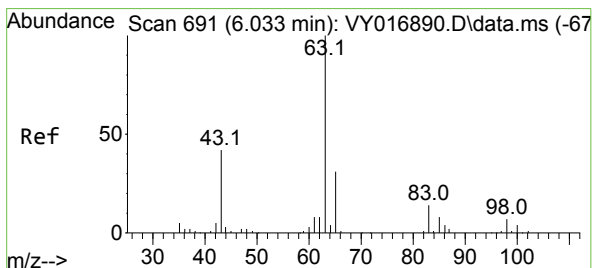
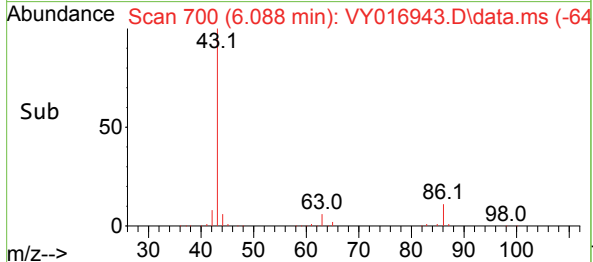
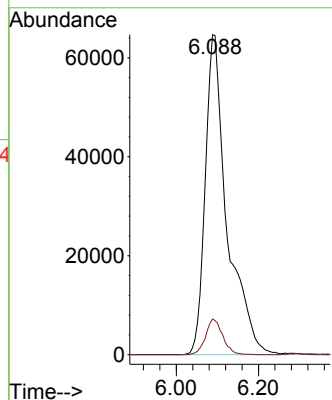
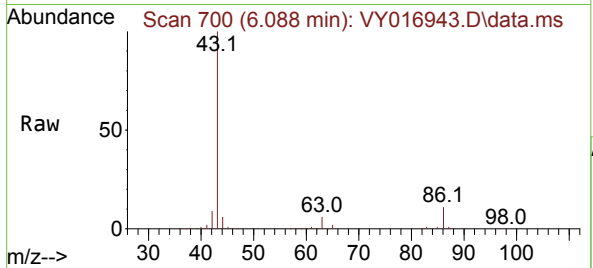




#23
Vinyl Acetate
Concen: 114.227 ug/l
RT: 6.088 min Scan# 700
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

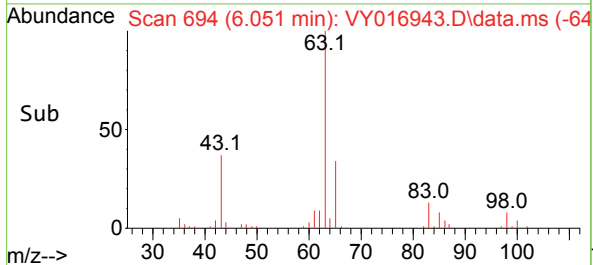
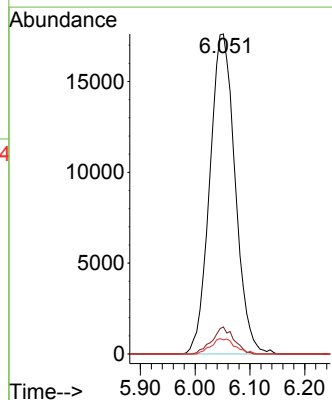
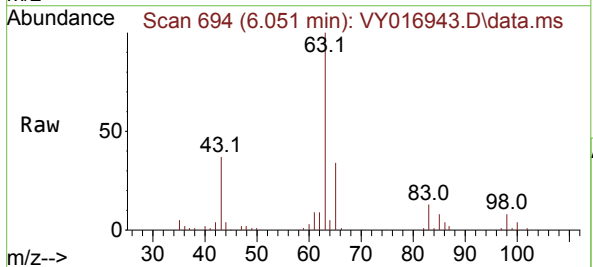
Instrument :
MSVOA_Y
ClientSampleId :

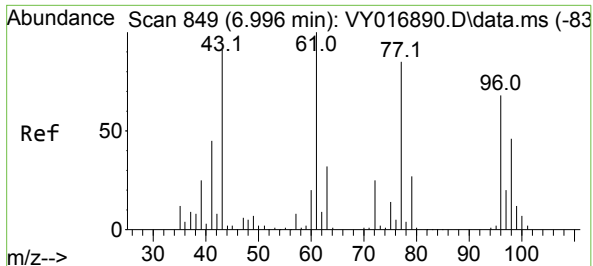
Tgt Ion: 43 Resp: 238529
Ion Ratio Lower Upper
43 100
86 11.1 8.6 13.0



#24
1,1-Dichloroethane
Concen: 20.693 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.018 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 63 Resp: 56633
Ion Ratio Lower Upper
63 100
98 8.4 3.8 11.4
100 4.4 2.1 6.2





#25

2-Butanone

Concen: 129.296 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

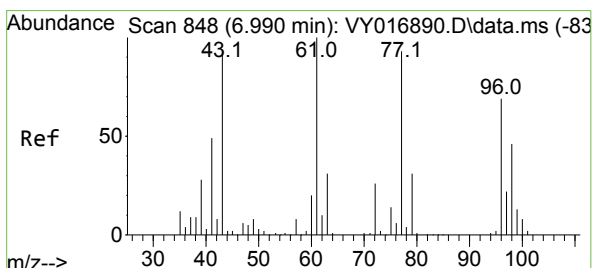
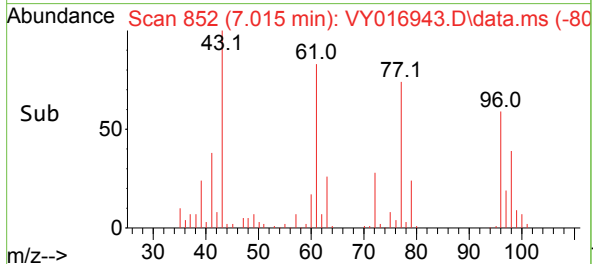
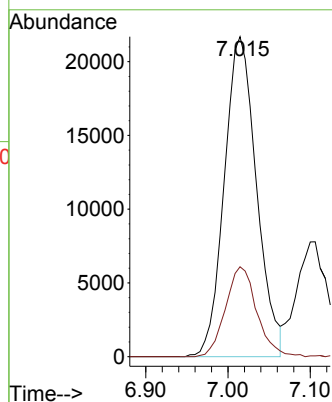
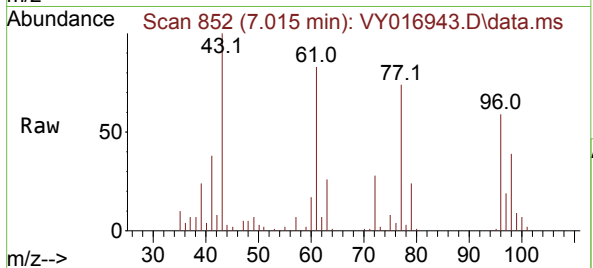
ClientSampleId :

Tgt Ion: 43 Resp: 59119

Ion Ratio Lower Upper

43 100

72 28.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.707 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016943.D

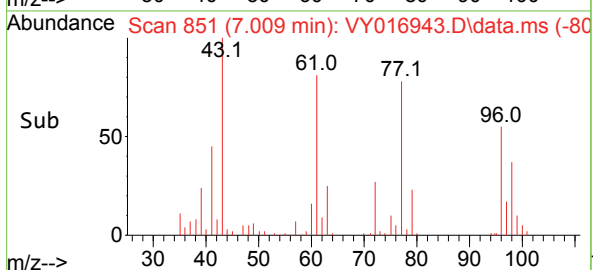
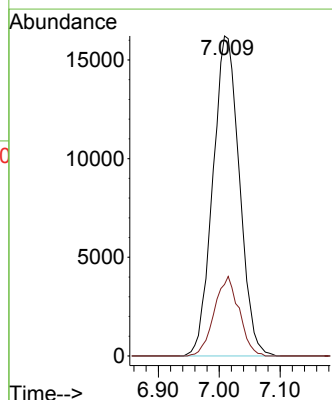
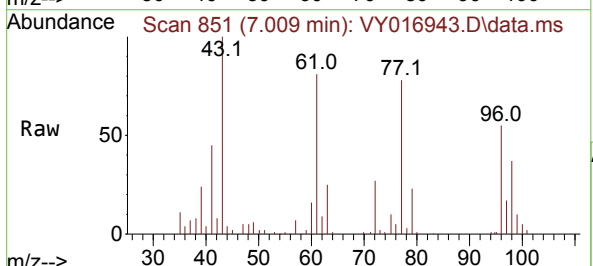
Acq: 09 Jan 2024 11:51

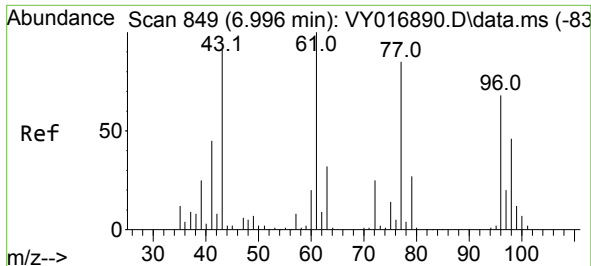
Tgt Ion: 77 Resp: 49136

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.538 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

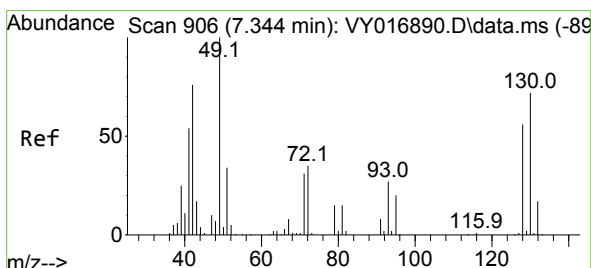
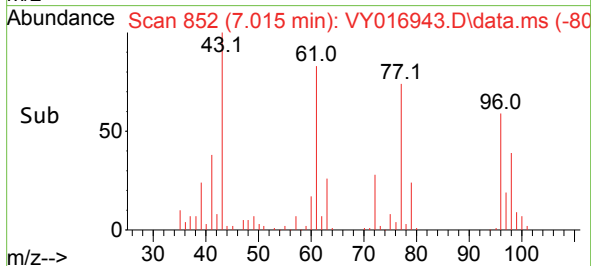
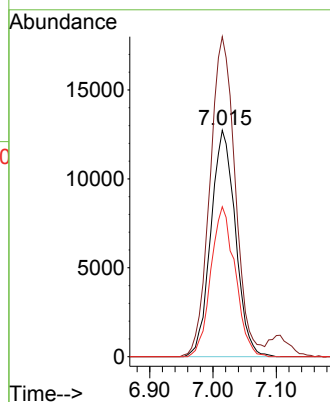
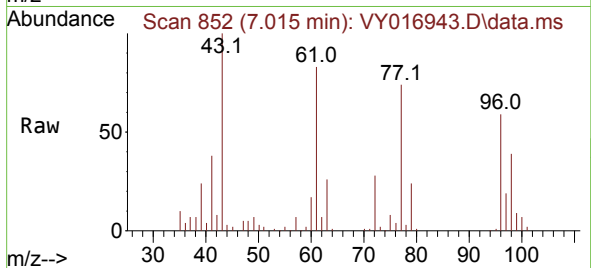
Tgt Ion: 96 Resp: 34358

Ion Ratio Lower Upper

96 100

61 145.5 0.0 278.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 20.065 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

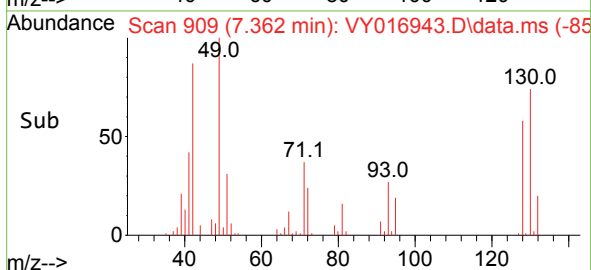
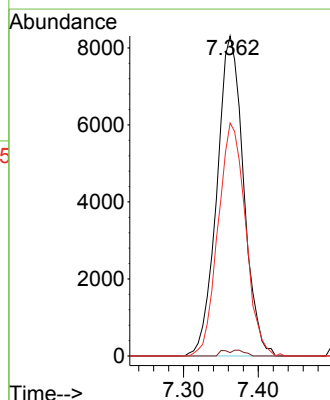
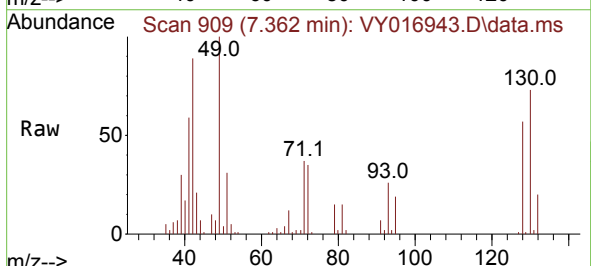
Tgt Ion: 49 Resp: 20615

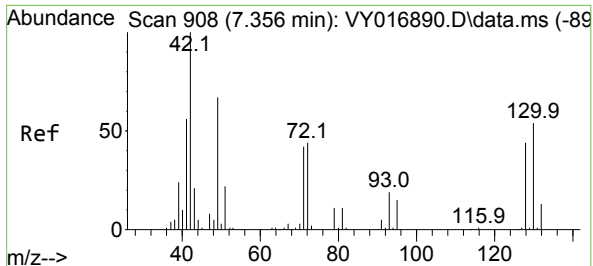
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

130 74.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 111.694 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

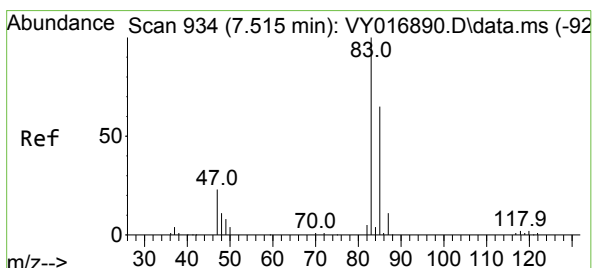
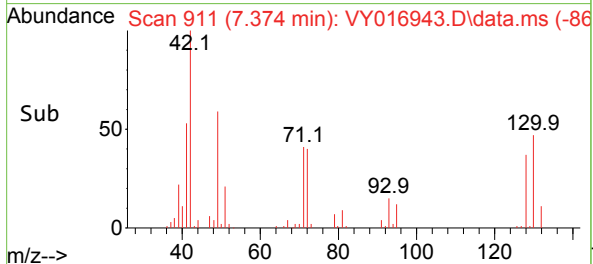
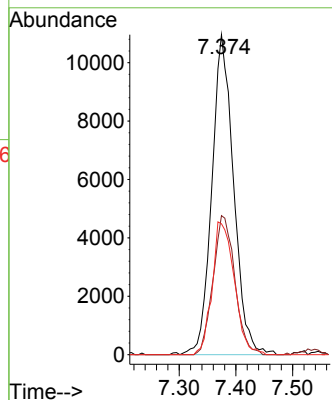
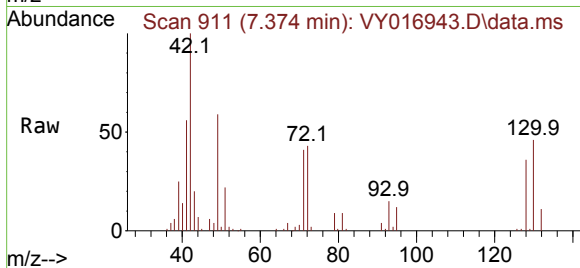
Tgt Ion: 42 Resp: 29231

Ion Ratio Lower Upper

42 100

72 43.3 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 20.950 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016943.D

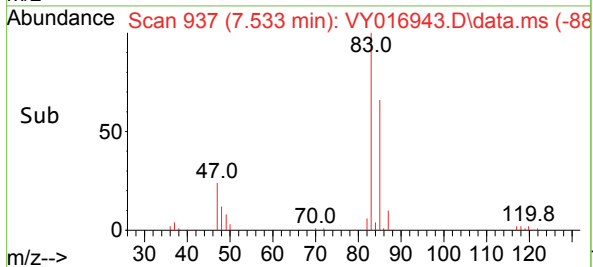
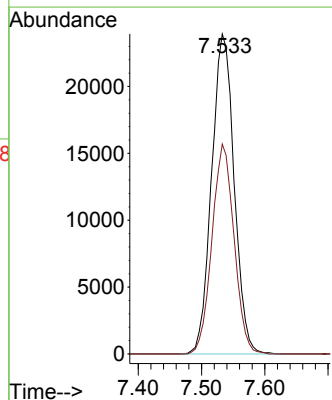
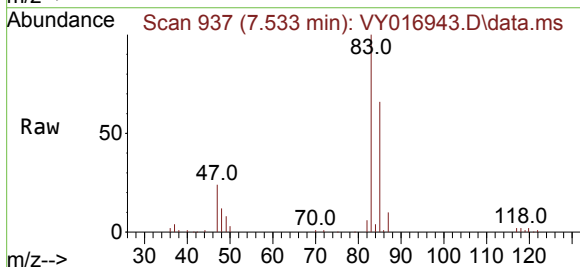
Acq: 09 Jan 2024 11:51

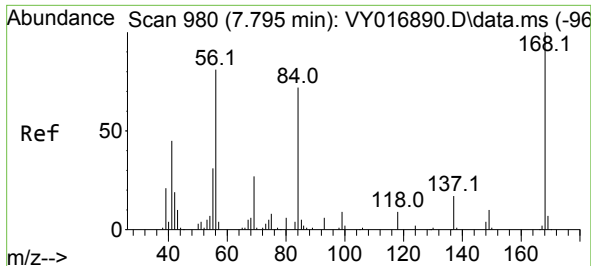
Tgt Ion: 83 Resp: 59086

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8

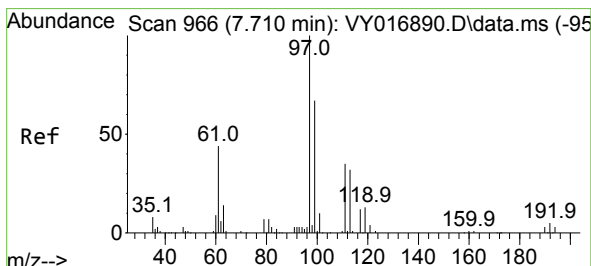
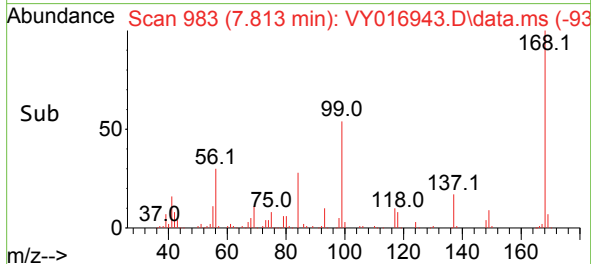
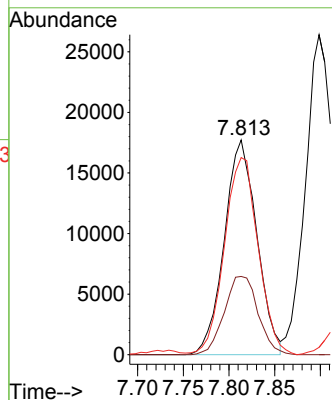
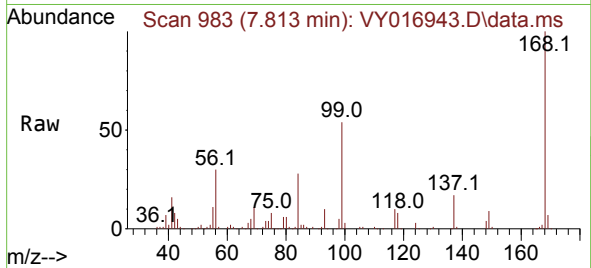




#31
Cyclohexane
Concen: 19.780 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

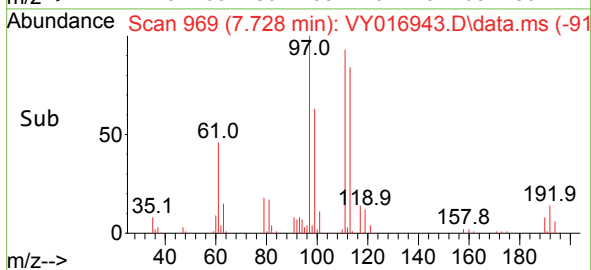
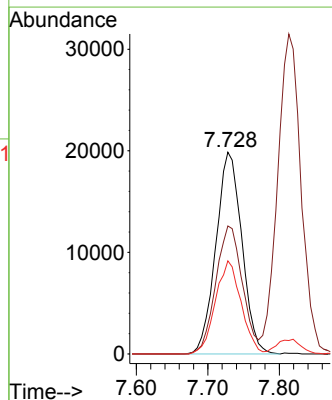
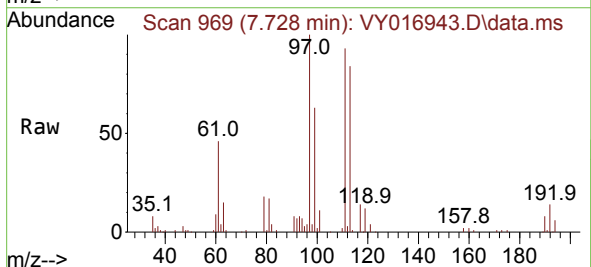
Instrument :
MSVOA_Y
ClientSampleId :

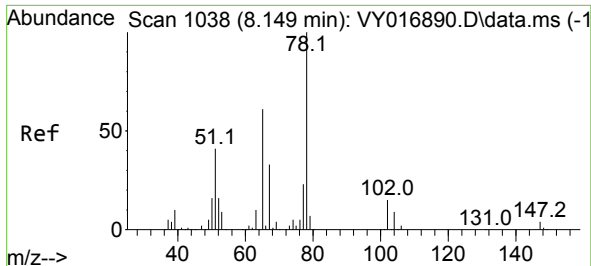
Tgt Ion: 56 Resp: 43896
Ion Ratio Lower Upper
56 100
69 36.4 27.0 40.6
84 90.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.974 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 97 Resp: 50156
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 45.5 35.0 52.6

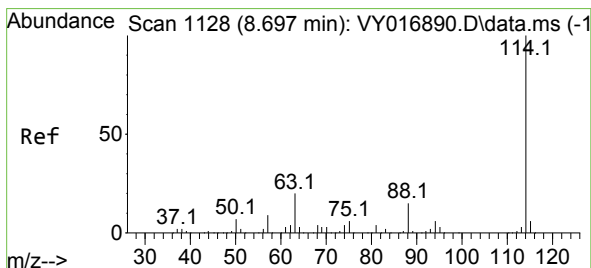
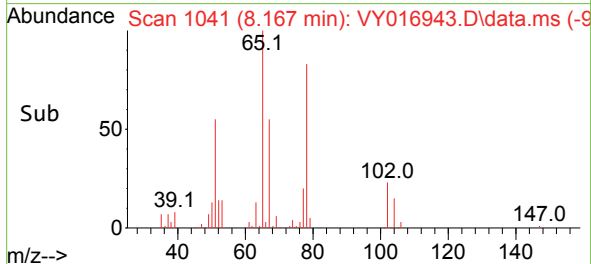
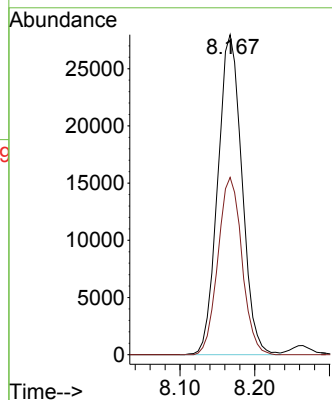
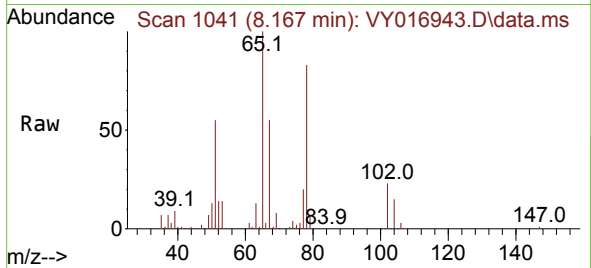




#33
 1,2-Dichloroethane-d4
 Concen: 48.565 ug/l
 RT: 8.167 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

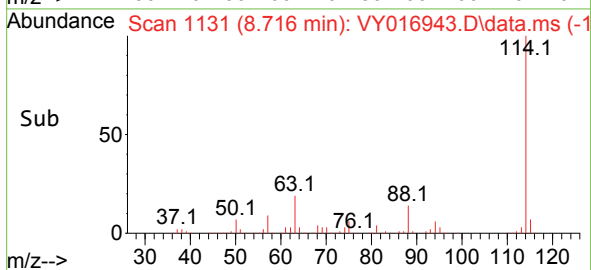
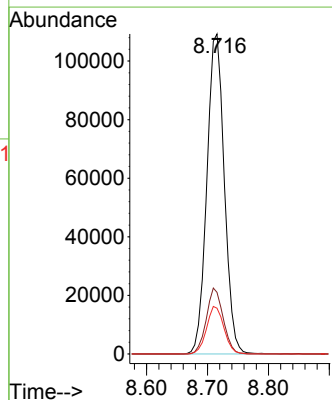
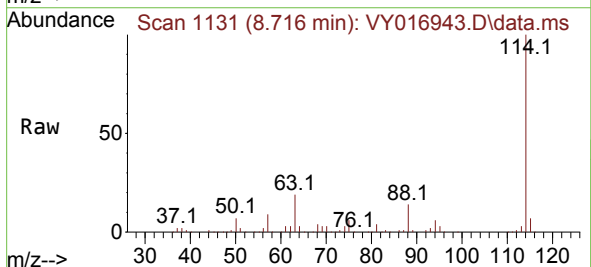
Instrument :
 MSVOA_Y
 ClientSampleId :

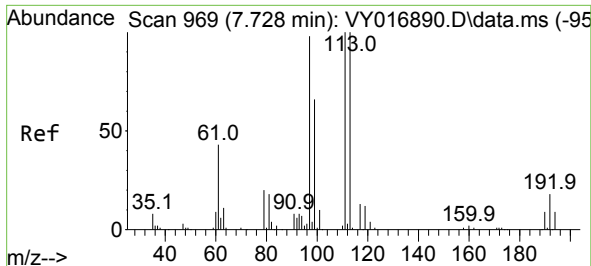
Tgt Ion: 65 Resp: 62796
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

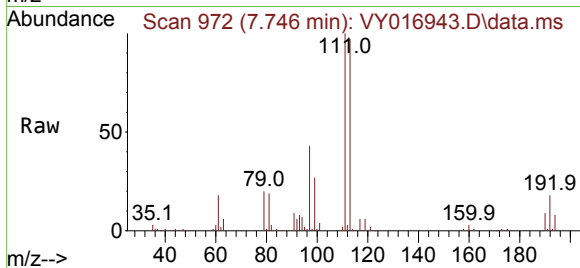
Tgt Ion: 114 Resp: 217174
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 14.3 0.0 29.0



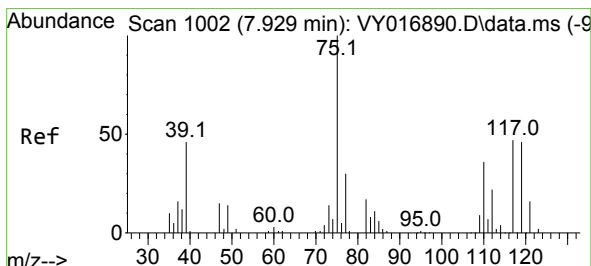
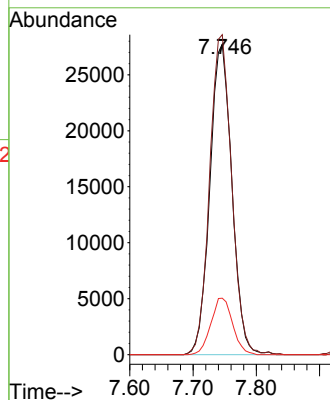
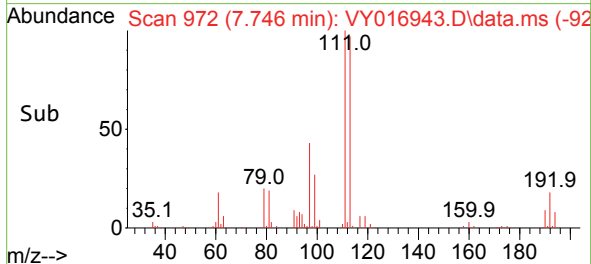


#35
Dibromofluoromethane
Concen: 48.420 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

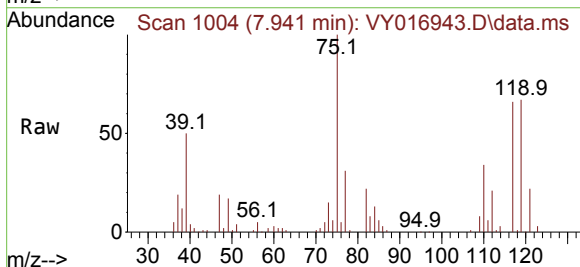
Instrument :
MSVOA_Y
ClientSampleId :



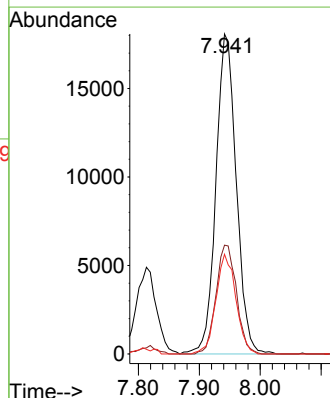
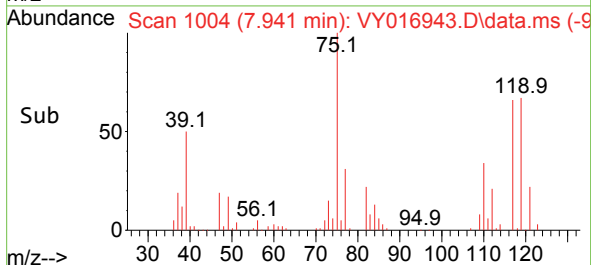
Tgt Ion:113 Resp: 67009
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.0 14.5 21.7

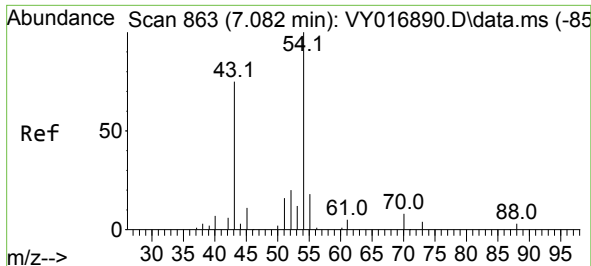


#36
1,1-Dichloropropene
Concen: 20.834 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51



Tgt Ion: 75 Resp: 42019
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.3
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 23.176 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

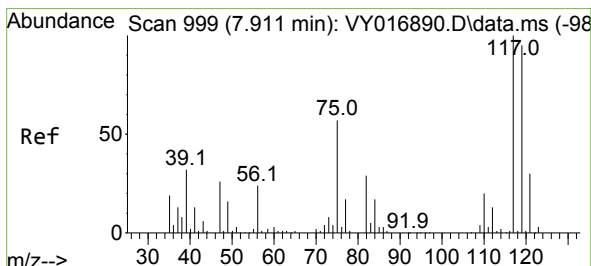
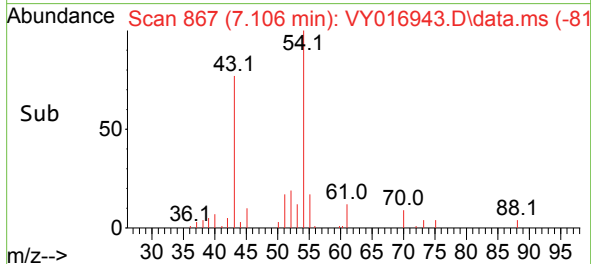
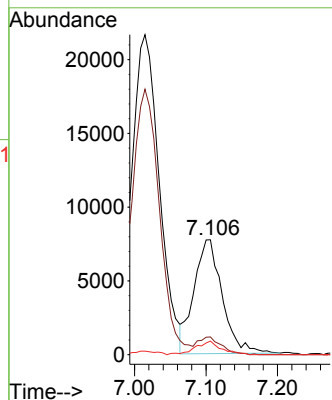
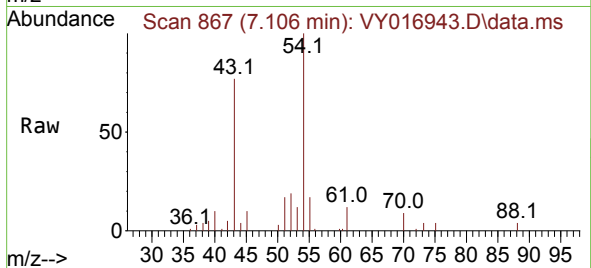
Tgt Ion: 43 Resp: 21242

Ion Ratio Lower Upper

43 100

61 12.7 11.0 16.6

70 10.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.393 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

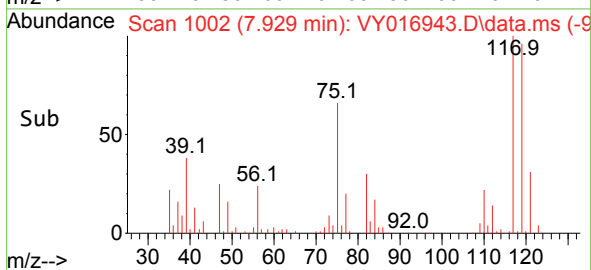
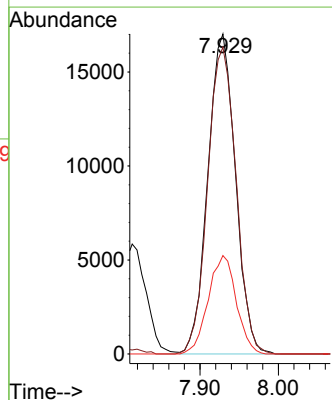
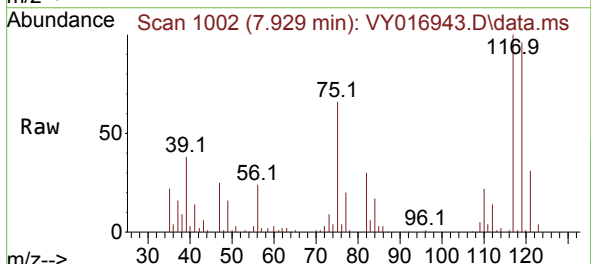
Tgt Ion: 117 Resp: 41788

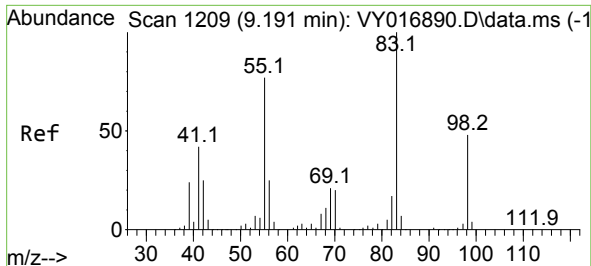
Ion Ratio Lower Upper

117 100

119 95.9 76.0 114.0

121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 19.833 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

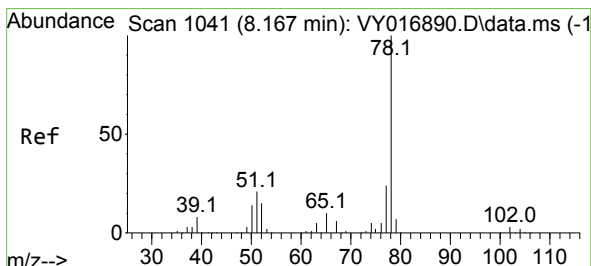
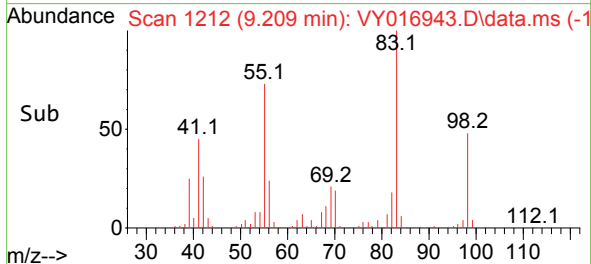
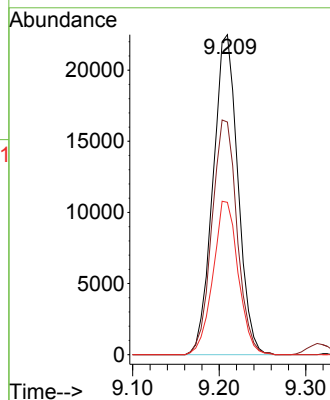
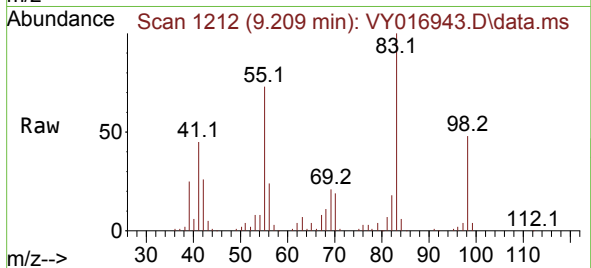
Tgt Ion: 83 Resp: 44968

Ion Ratio Lower Upper

83 100

55 72.7 59.7 89.5

98 47.6 38.0 57.0



#40

Benzene

Concen: 20.830 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016943.D

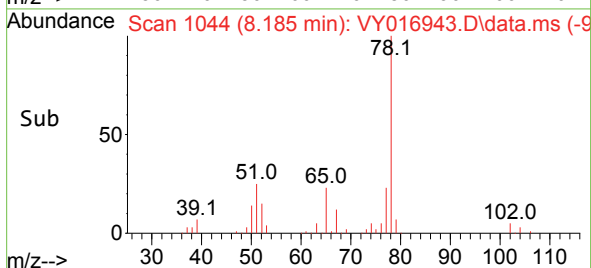
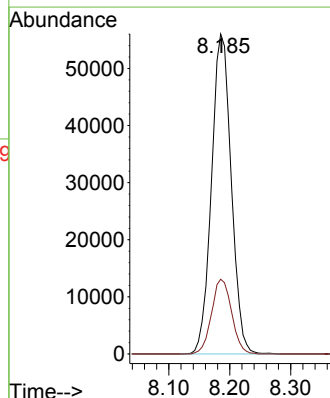
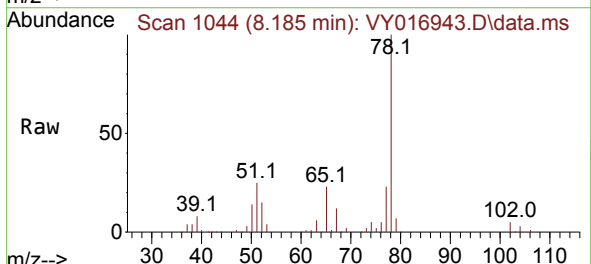
Acq: 09 Jan 2024 11:51

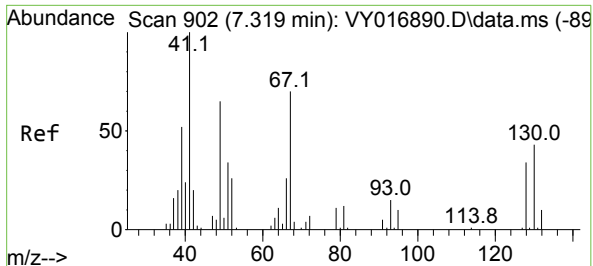
Tgt Ion: 78 Resp: 126026

Ion Ratio Lower Upper

78 100

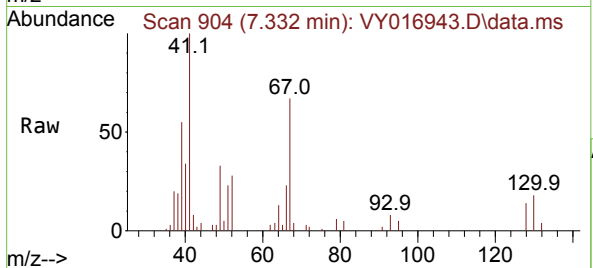
77 23.4 18.8 28.2



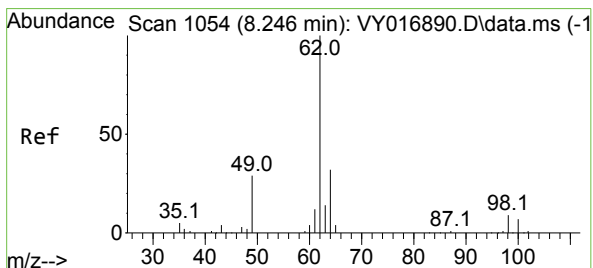
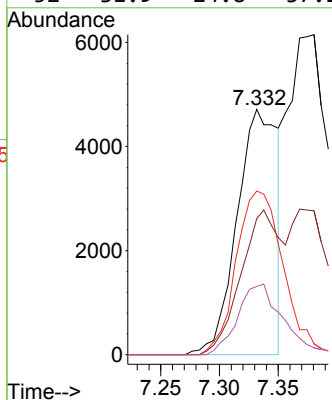
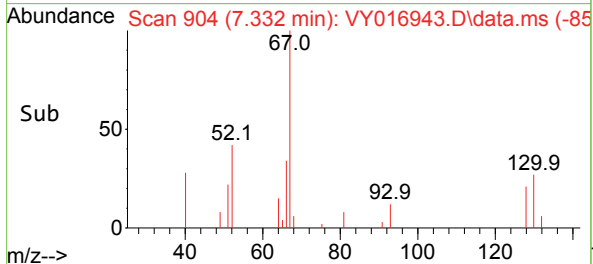


#41
Methacrylonitrile
Concen: 23.314 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

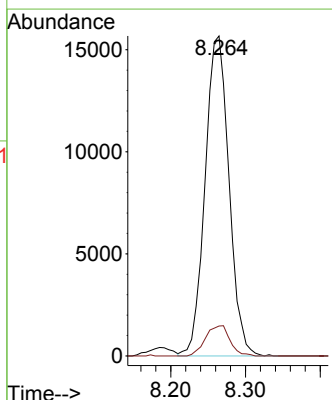
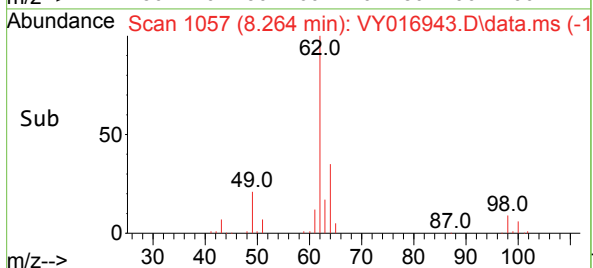
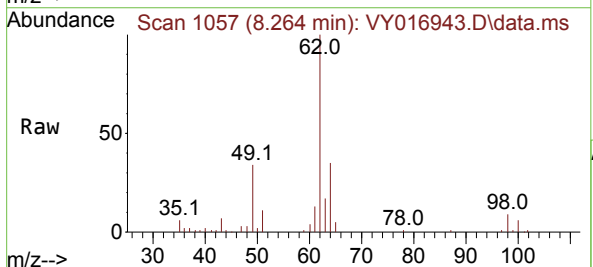


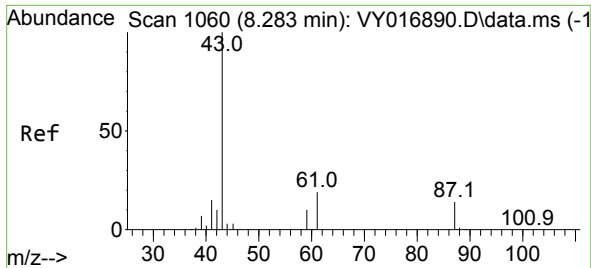
Tgt Ion:	41	Resp:	11254
Ion	Ratio	Lower	Upper
41	100		
39	60.1	41.9	62.9
67	78.1	59.8	89.6
52	31.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 21.719 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:	62	Resp:	34885
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2

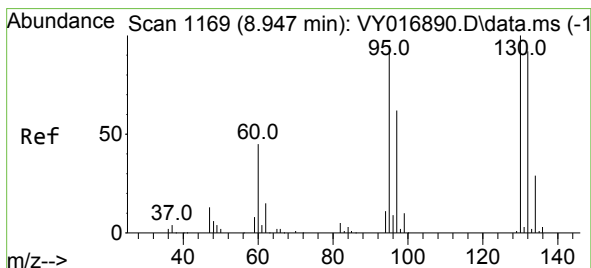
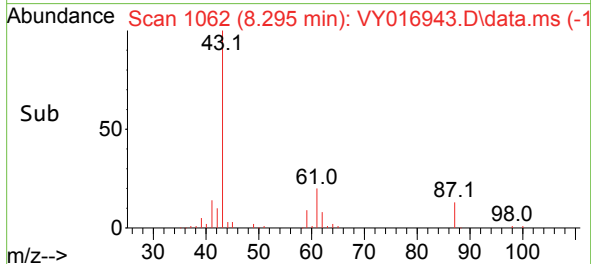
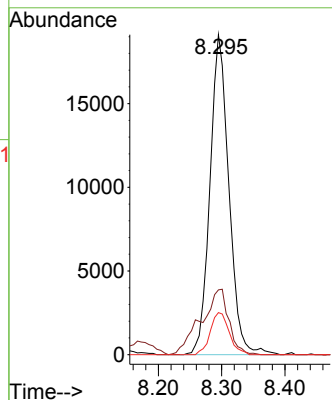
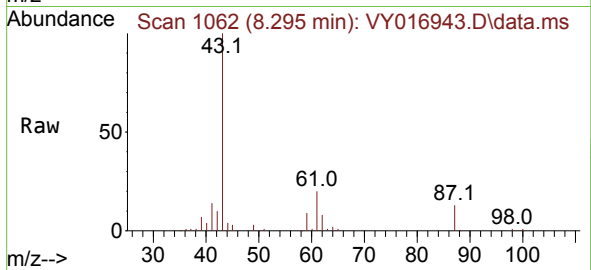




#43
Isopropyl Acetate
Concen: 22.641 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

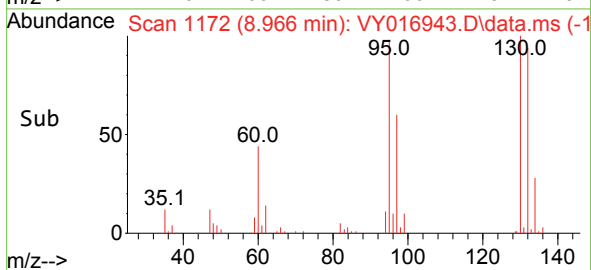
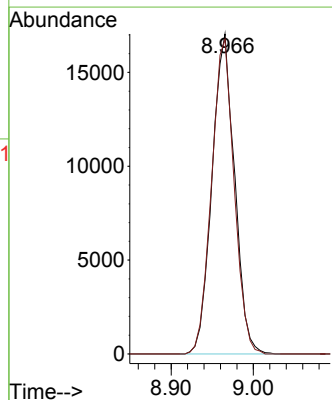
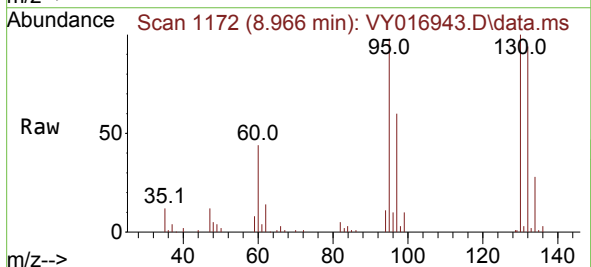
Instrument :
MSVOA_Y
ClientSampleId :

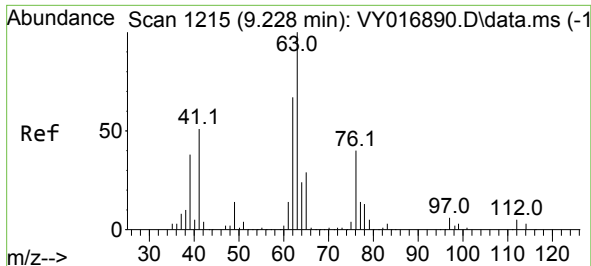
Tgt Ion: 43 Resp: 39738
Ion Ratio Lower Upper
43 100
61 30.0 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 21.105 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:130 Resp: 32491
Ion Ratio Lower Upper
130 100
95 98.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.466 ug/l

RT: 9.234 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

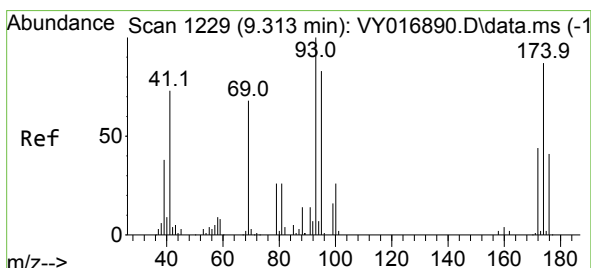
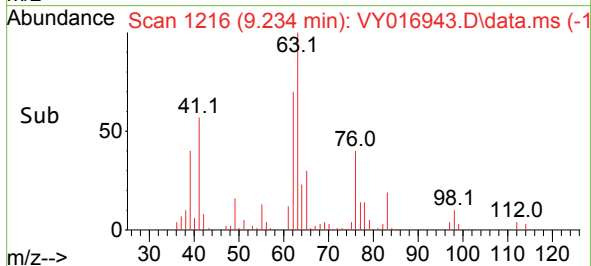
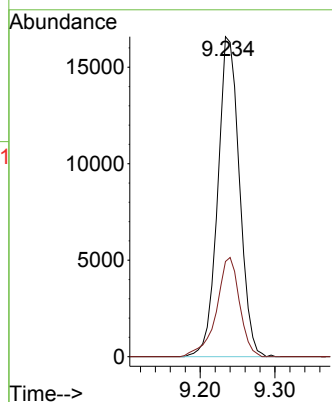
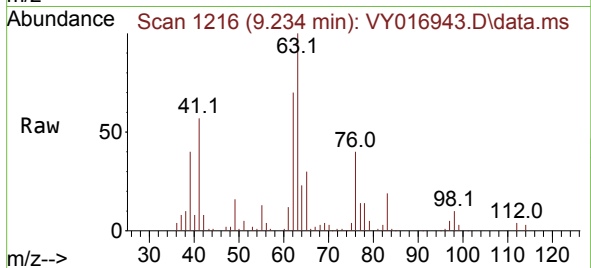
ClientSampleId :

Tgt Ion: 63 Resp: 33458

Ion Ratio Lower Upper

63 100

65 29.8 24.6 36.8



#46

Dibromomethane

Concen: 21.251 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

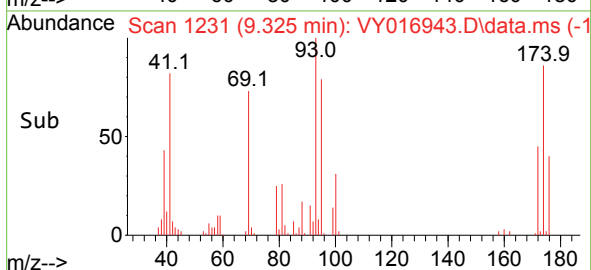
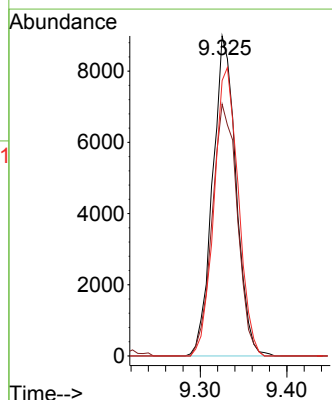
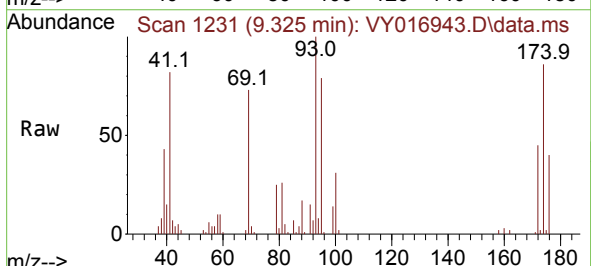
Tgt Ion: 93 Resp: 16893

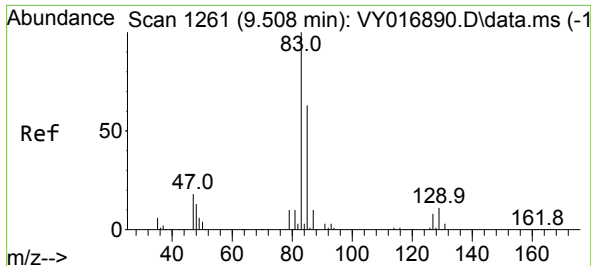
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 92.9 73.8 110.6

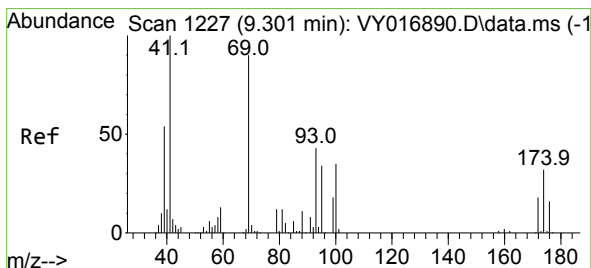
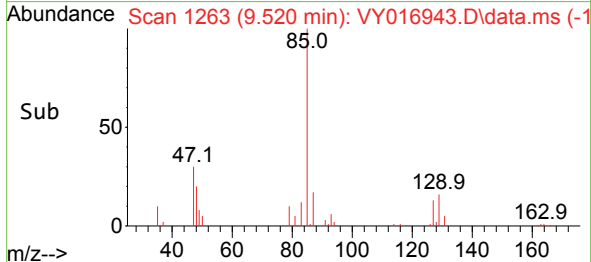
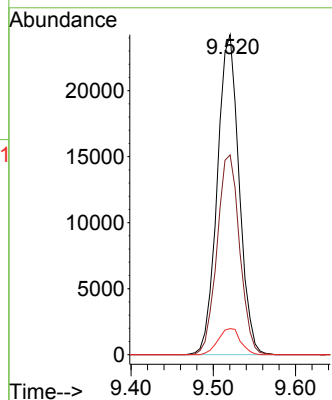
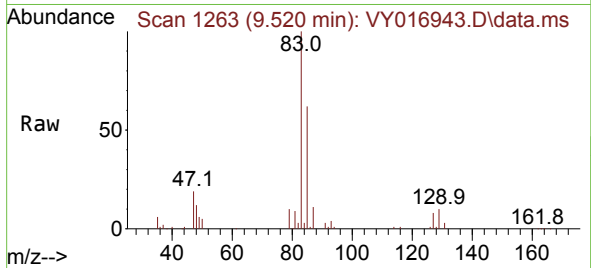




#47
Bromodichloromethane
Concen: 20.942 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

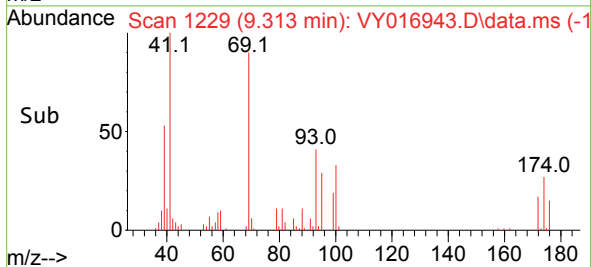
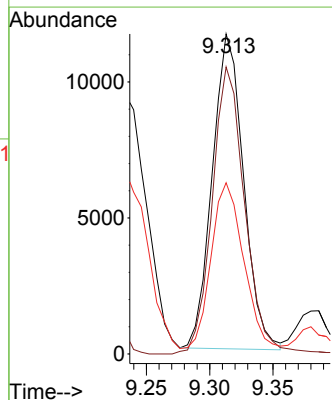
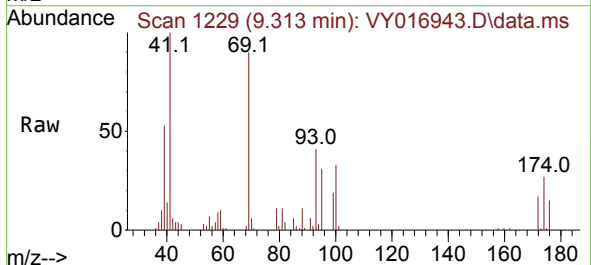
Instrument :
MSVOA_Y
ClientSampleId :

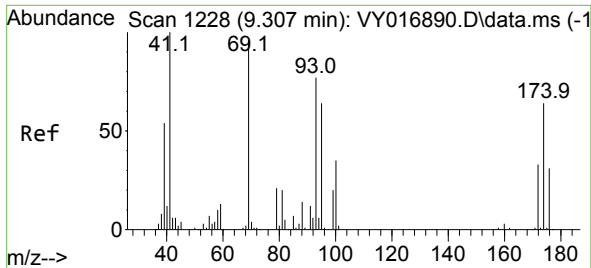
Tgt Ion: 83 Resp: 44704
Ion Ratio Lower Upper
83 100
85 62.4 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 21.037 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 41 Resp: 19927
Ion Ratio Lower Upper
41 100
69 94.9 72.1 108.1
39 58.7 42.8 64.2





#49

1,4-Dioxane

Concen: 457.792 ug/l

RT: 9.319 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

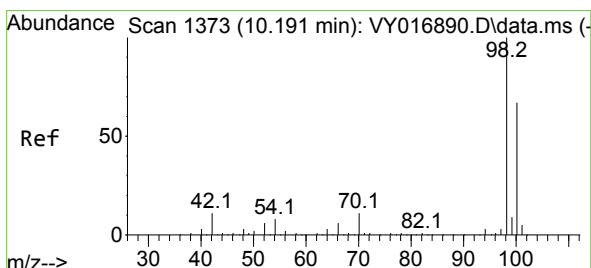
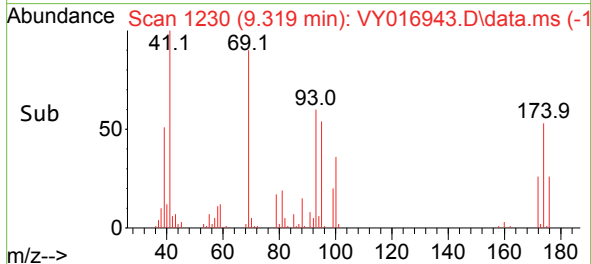
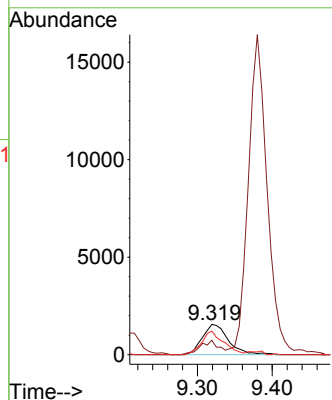
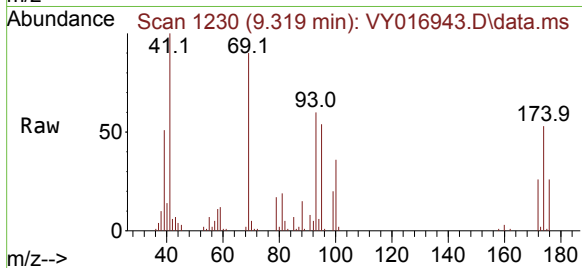
Tgt Ion: 88 Resp: 3768

Ion Ratio Lower Upper

88 100

43 33.5 28.2 42.4

58 65.7 52.2 78.2



#50

Toluene-d8

Concen: 49.958 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016943.D

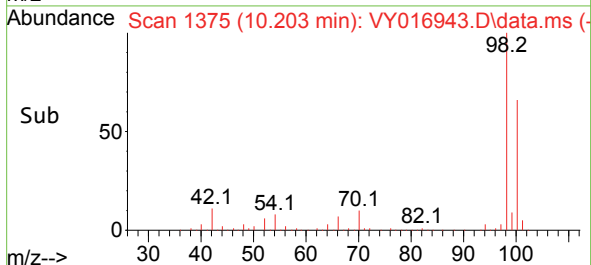
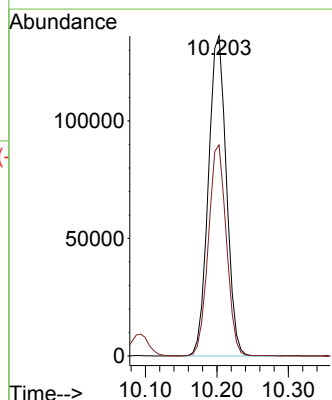
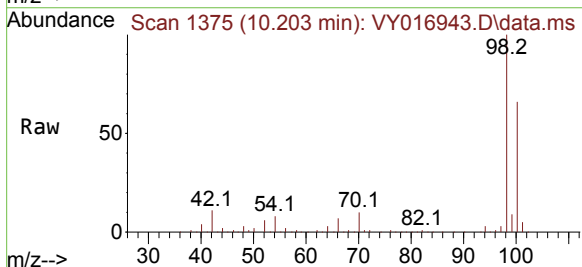
Acq: 09 Jan 2024 11:51

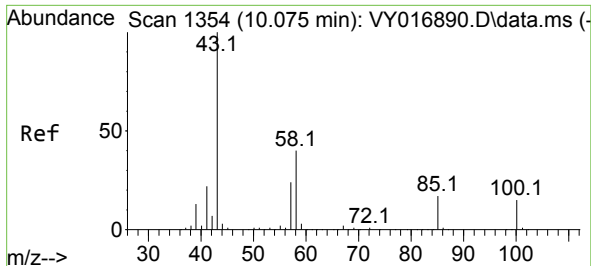
Tgt Ion: 98 Resp: 238074

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 114.388 ug/l

RT: 10.093 min Scan# 1357

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

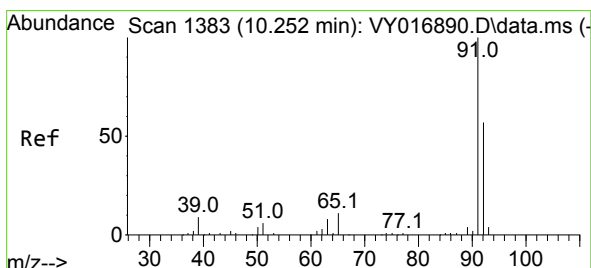
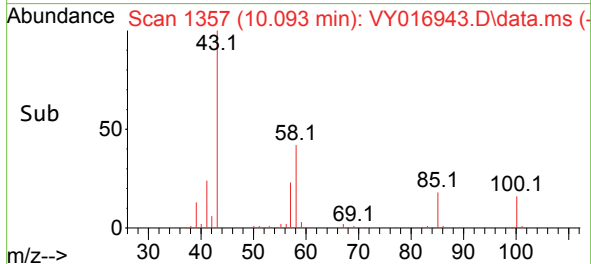
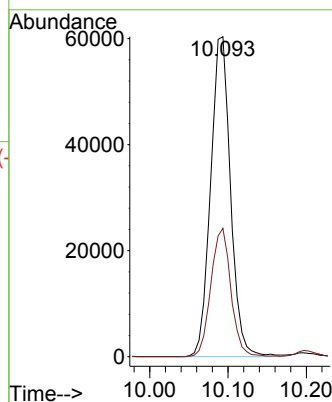
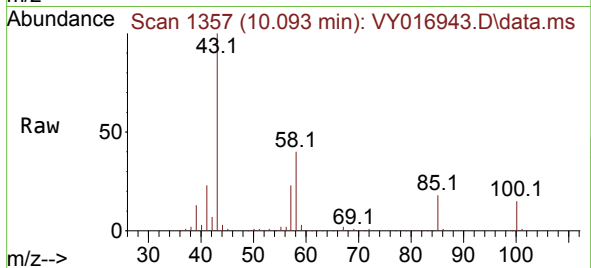
ClientSampleId :

Tgt Ion: 43 Resp: 106773

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 21.438 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016943.D

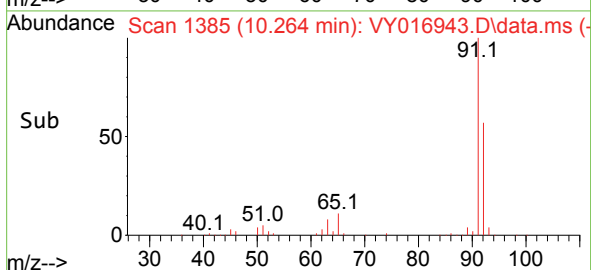
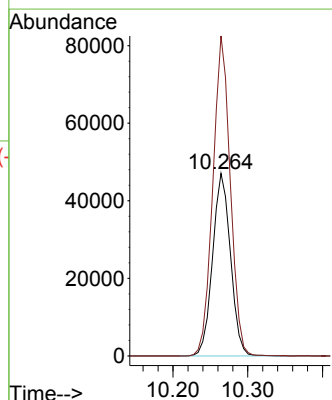
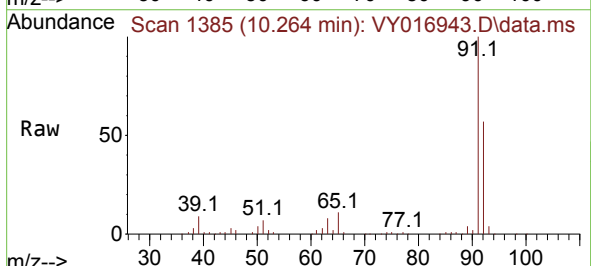
Acq: 09 Jan 2024 11:51

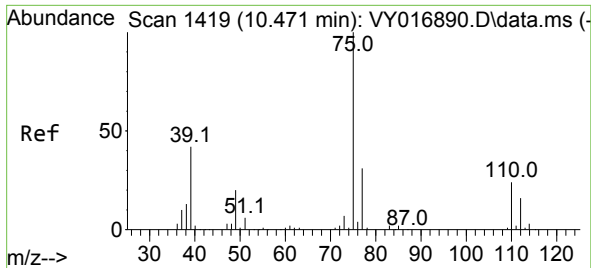
Tgt Ion: 92 Resp: 78277

Ion Ratio Lower Upper

92 100

91 170.9 137.6 206.4

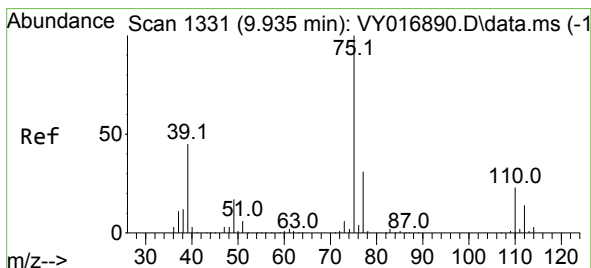
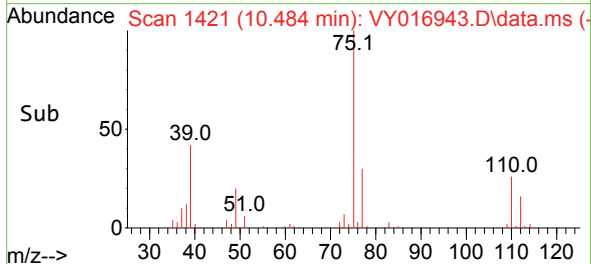
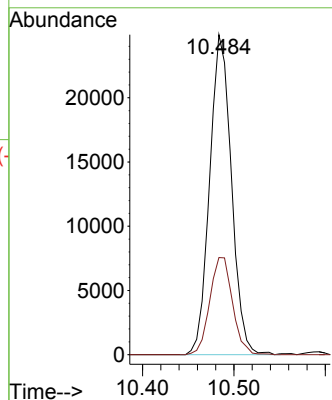
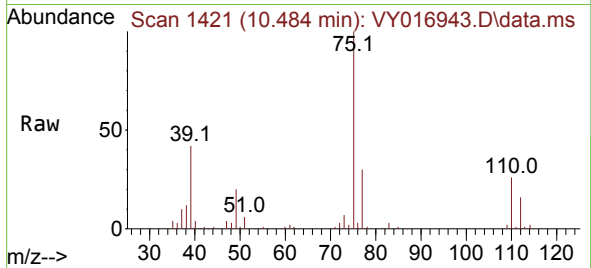




#53
 t-1,3-Dichloropropene
 Concen: 21.533 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

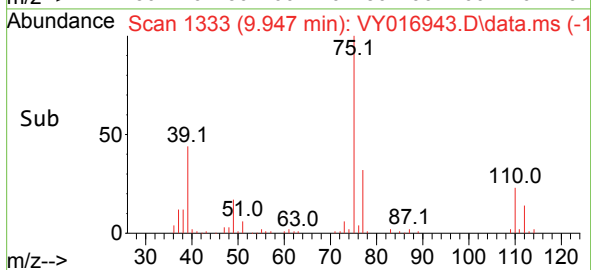
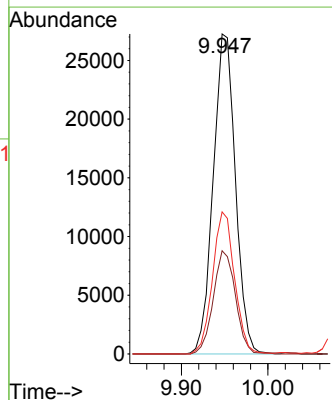
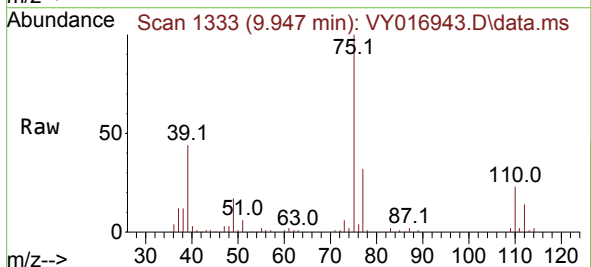
Instrument :
 MSVOA_Y
 ClientSampleId :

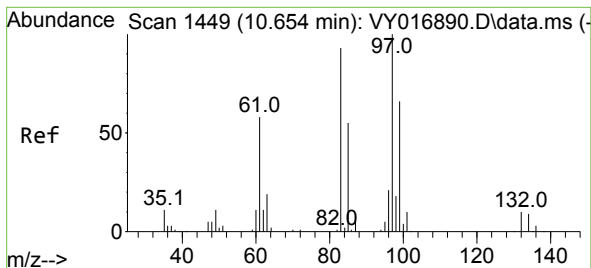
Tgt Ion: 75 Resp: 41171
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.173 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

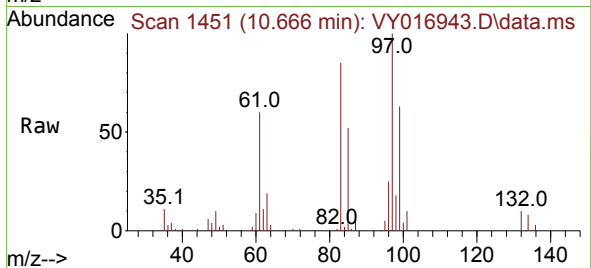
Tgt Ion: 75 Resp: 48618
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 44.4 33.6 50.4



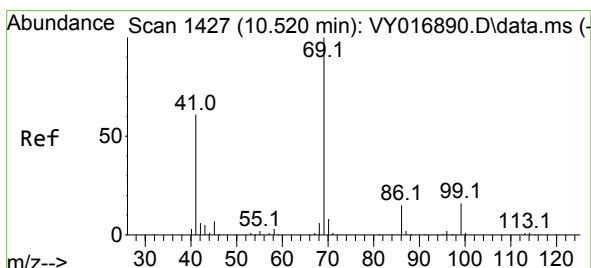
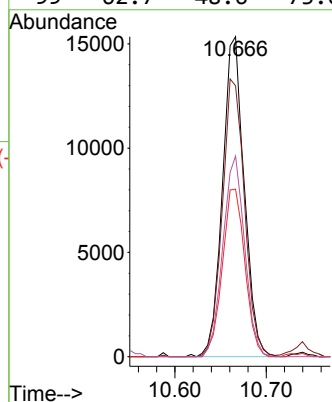
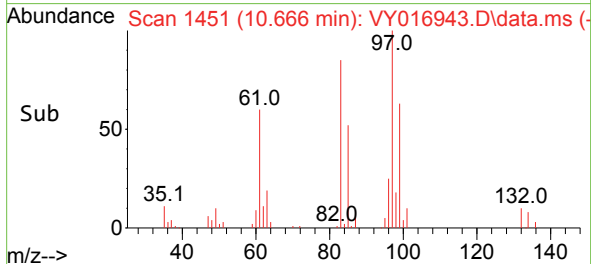


#55
1,1,2-Trichloroethane
Concen: 21.832 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

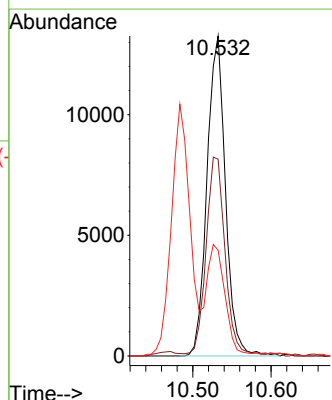
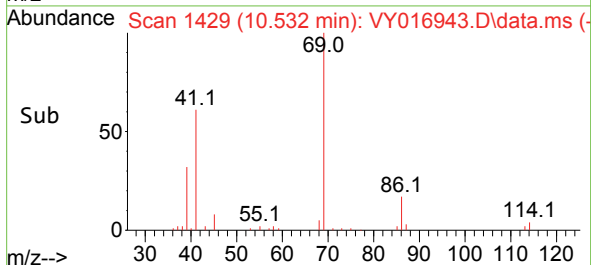
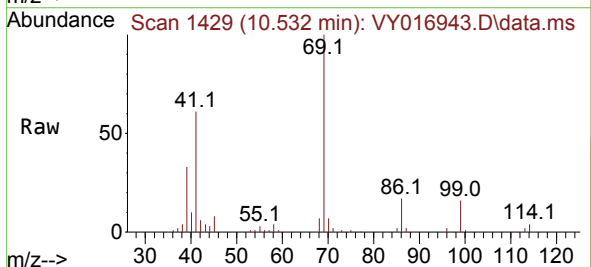


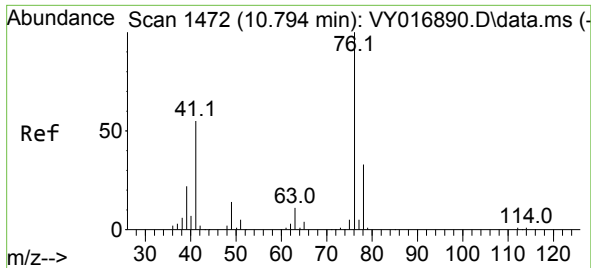
Tgt Ion:	97	Resp:	25354
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.4	104.2
85	52.4	43.9	65.9
99	62.7	48.6	73.0



#56
Ethyl methacrylate
Concen: 22.080 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:	69	Resp:	21719
Ion	Ratio	Lower	Upper
69	100		
41	62.4	49.2	73.8
39	34.3	26.8	40.2

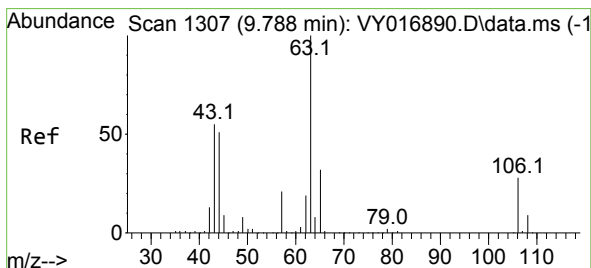
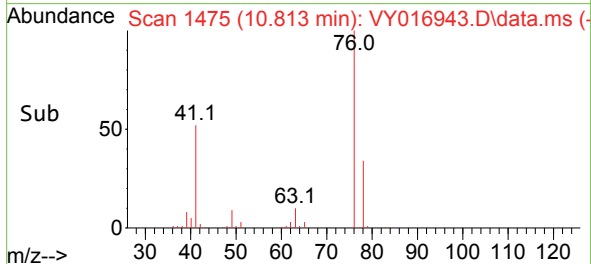
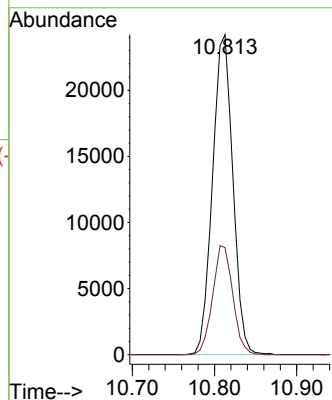
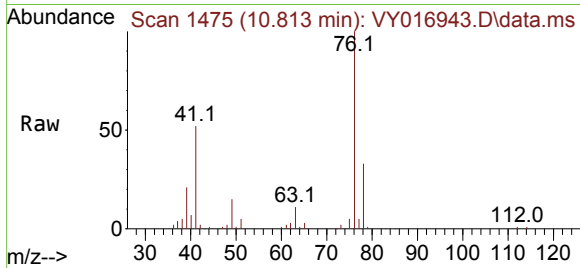




#57
1,3-Dichloropropane
Concen: 21.496 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

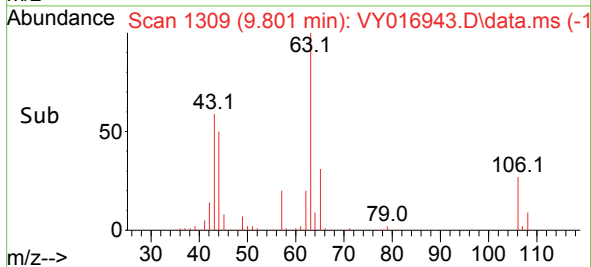
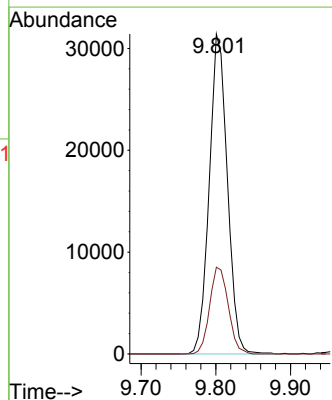
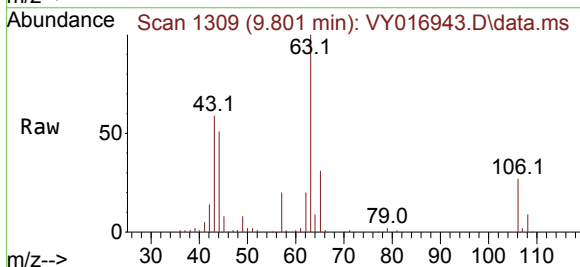
Instrument :
MSVOA_Y
ClientSampleId :

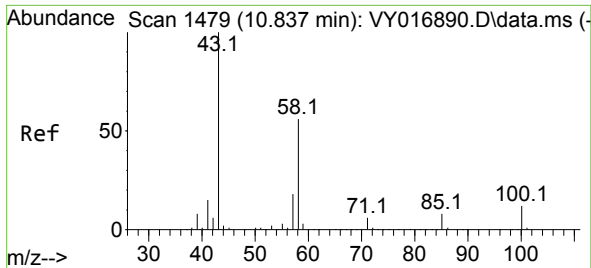
Tgt Ion: 76 Resp: 41680
Ion Ratio Lower Upper
76 100
78 33.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 96.846 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 63 Resp: 52837
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6

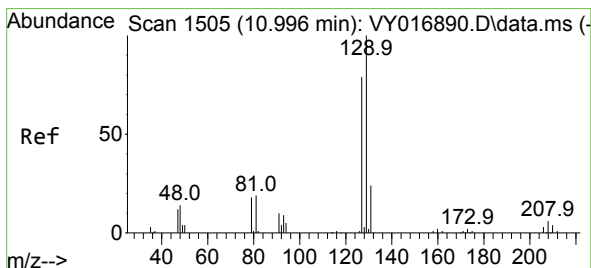
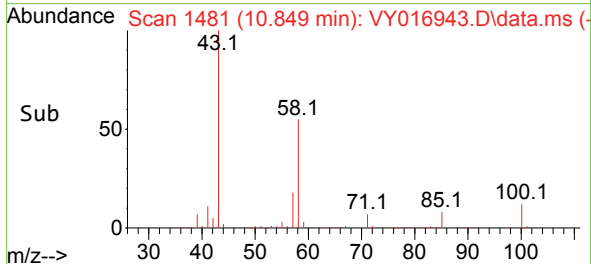
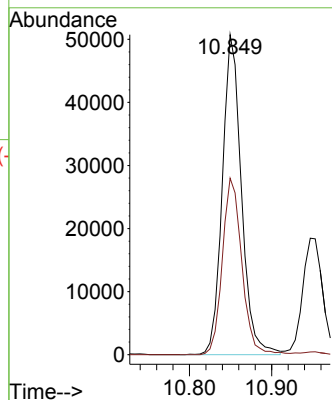
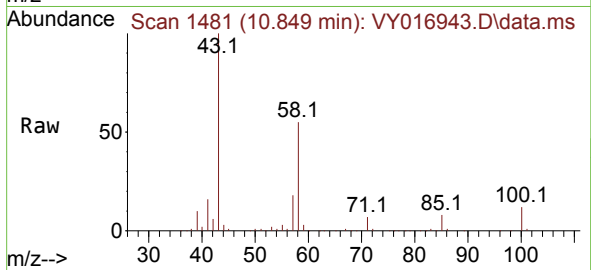




#59
2-Hexanone
Concen: 119.217 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

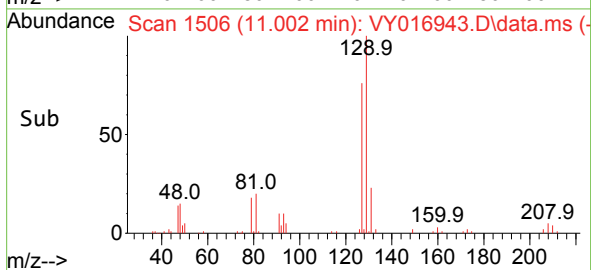
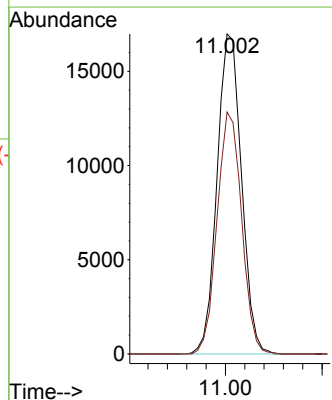
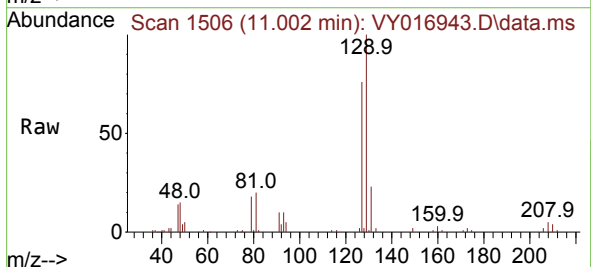
Instrument :
MSVOA_Y
ClientSampleId :

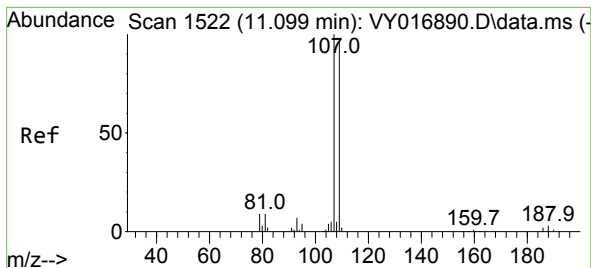
Tgt Ion: 43 Resp: 81939
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 22.220 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:129 Resp: 29758
Ion Ratio Lower Upper
129 100
127 75.8 39.2 117.6

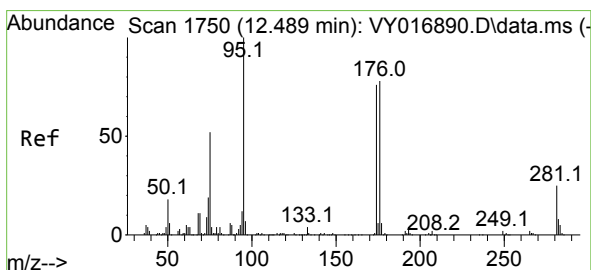
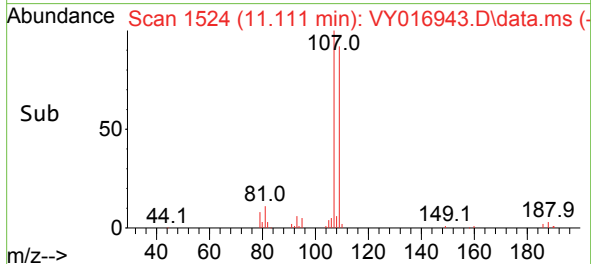
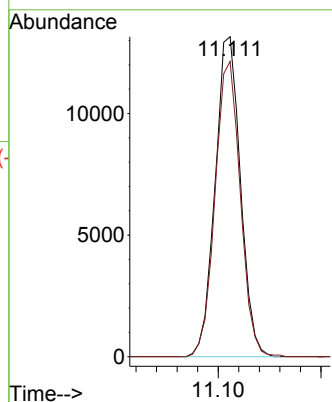
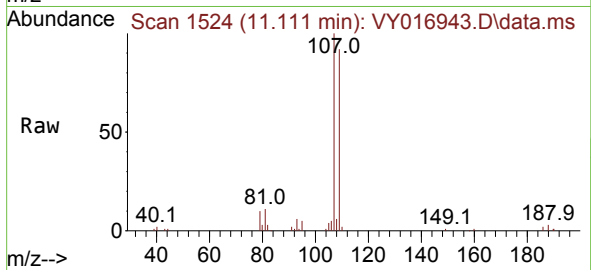




#61
1,2-Dibromoethane
Concen: 22.270 ug/l
RT: 11.111 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

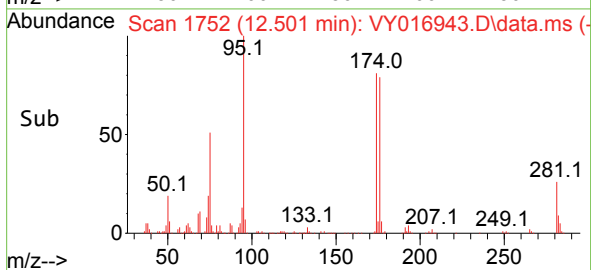
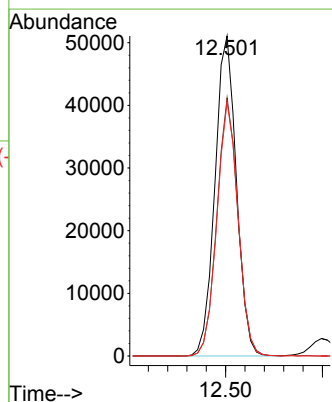
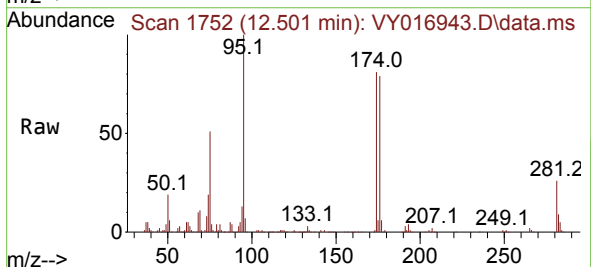
Instrument :
MSVOA_Y
ClientSampleId :

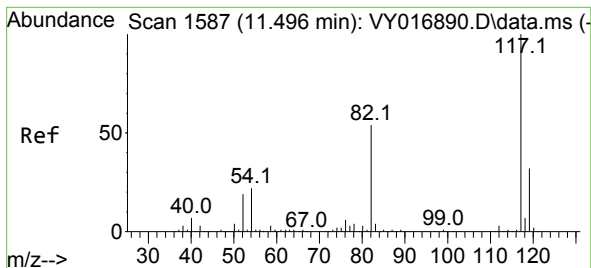
Tgt Ion:107 Resp: 22470
Ion Ratio Lower Upper
107 100
109 91.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.863 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 95 Resp: 78563
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 78.0 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: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

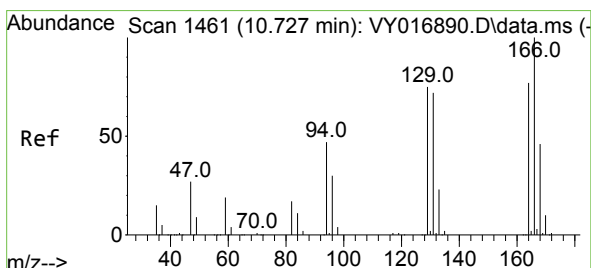
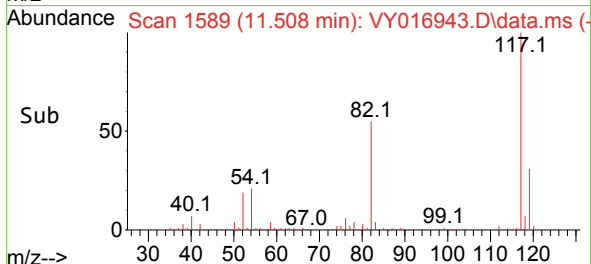
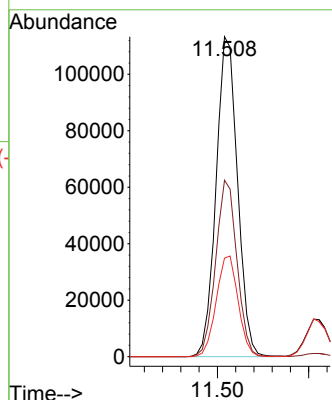
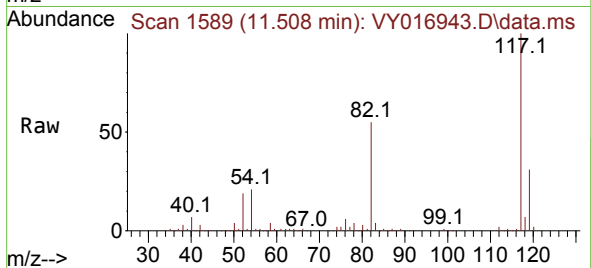
Tgt Ion:117 Resp: 184909

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 30.8 26.5 39.7



#64

Tetrachloroethene

Concen: 20.702 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Tgt Ion:164 Resp: 24818

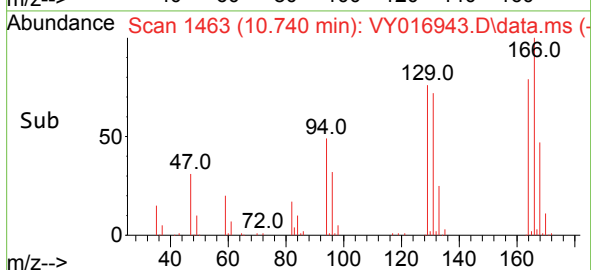
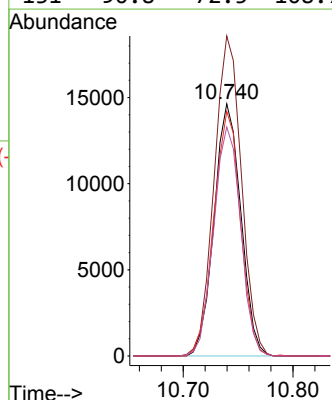
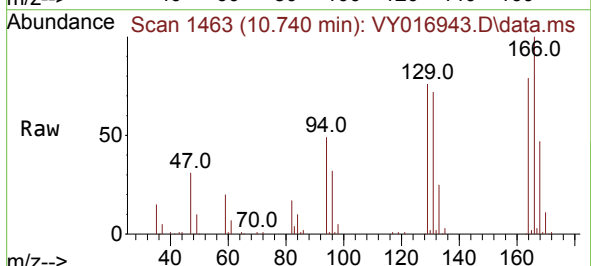
Ion Ratio Lower Upper

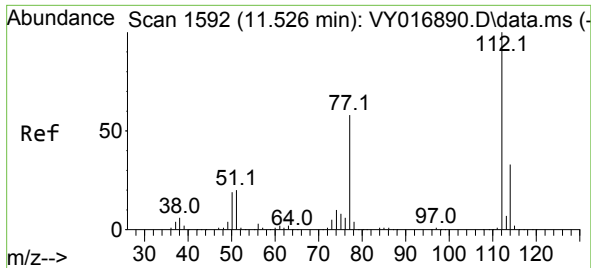
164 100

166 126.9 98.8 148.2

129 97.0 78.9 118.3

131 90.8 72.5 108.7

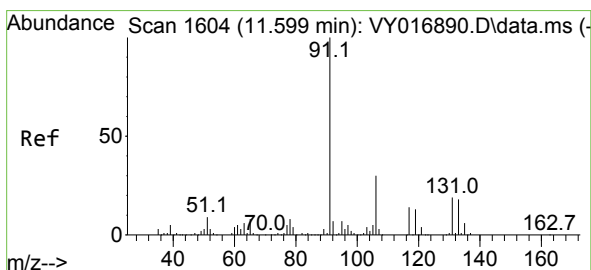
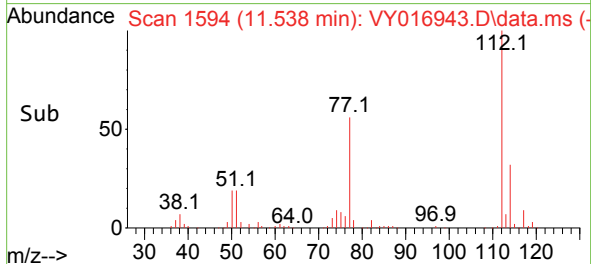
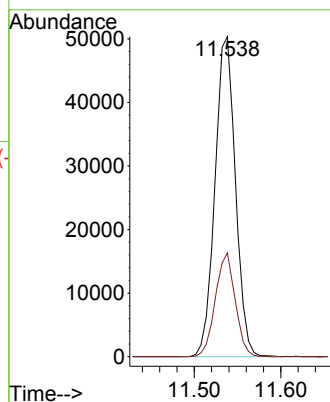
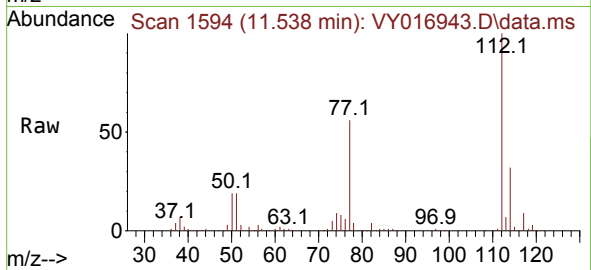




#65
Chlorobenzene
Concen: 21.442 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

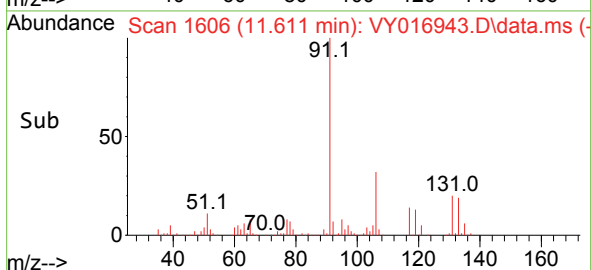
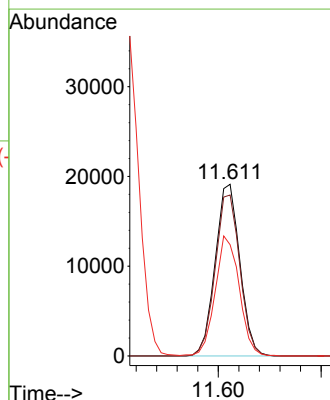
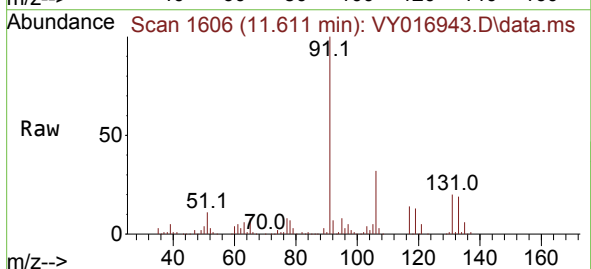
Instrument :
MSVOA_Y
ClientSampleId :

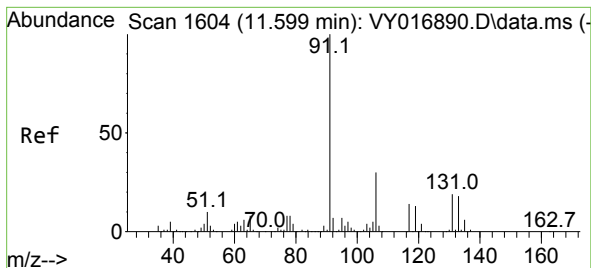
Tgt Ion:112 Resp: 82593
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.681 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:131 Resp: 31747
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.0
119 68.5 33.3 99.9





#67

Ethyl Benzene

Concen: 21.131 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

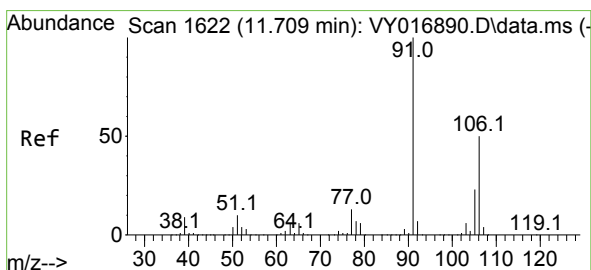
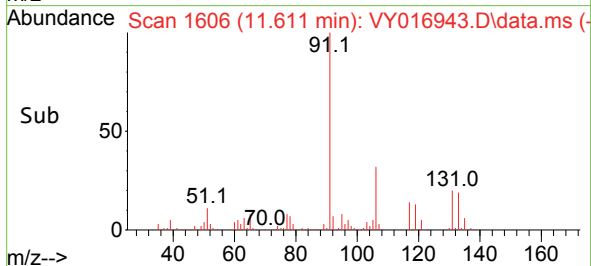
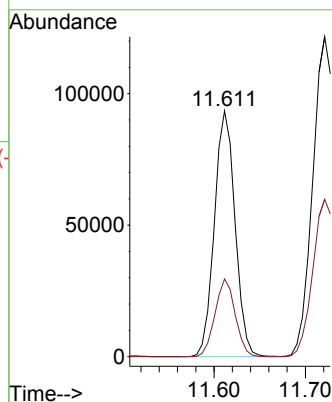
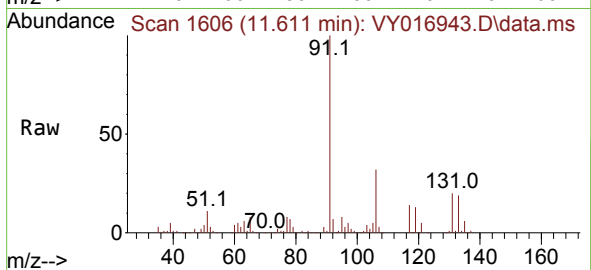
ClientSampleId :

Tgt Ion: 91 Resp: 146539

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 42.869 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016943.D

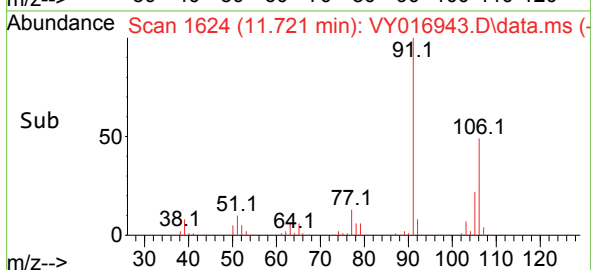
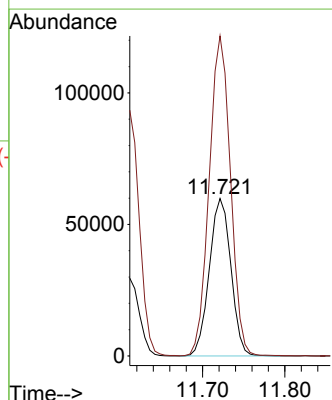
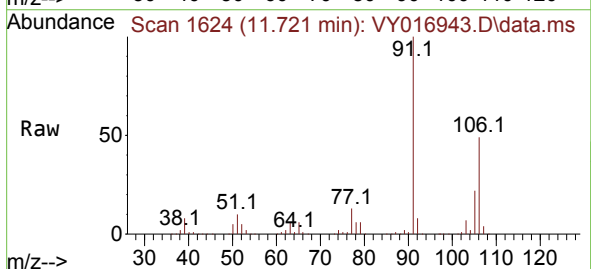
Acq: 09 Jan 2024 11:51

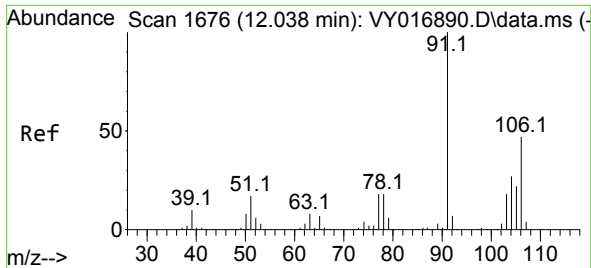
Tgt Ion:106 Resp: 109124

Ion Ratio Lower Upper

106 100

91 200.9 160.7 241.1

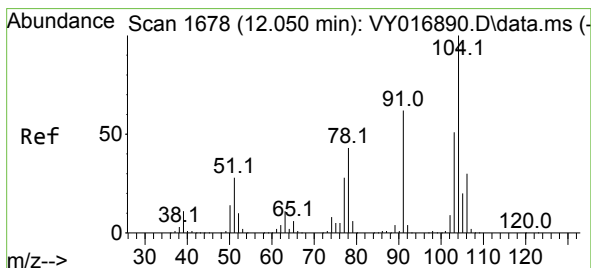
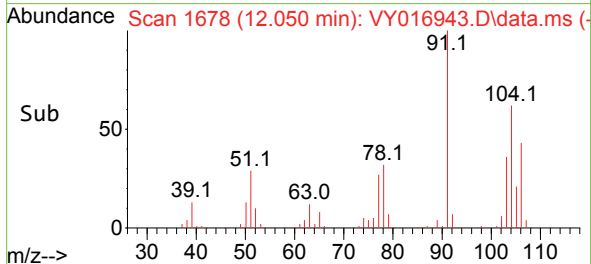
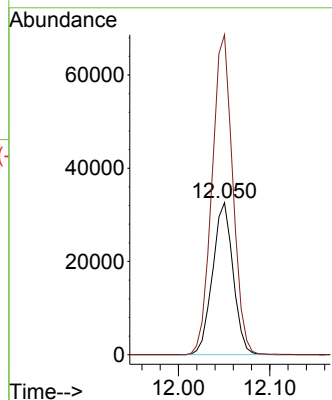
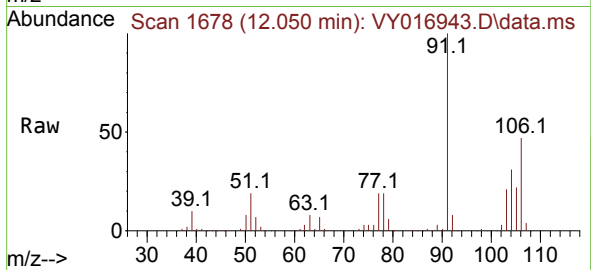




#69
o-Xylene
Concen: 21.280 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

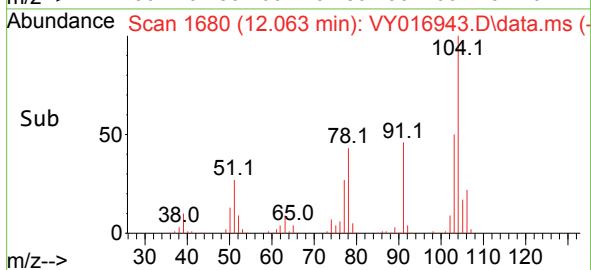
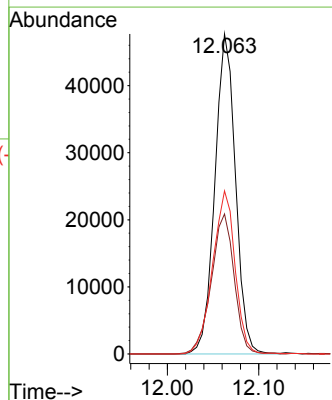
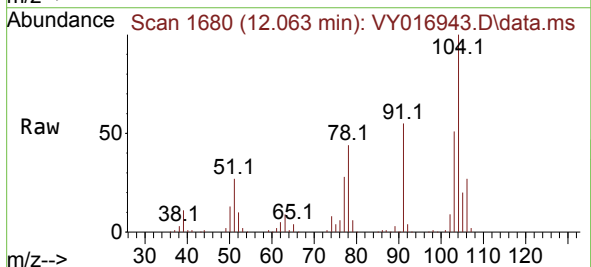
Instrument :
MSVOA_Y
ClientSampleId :

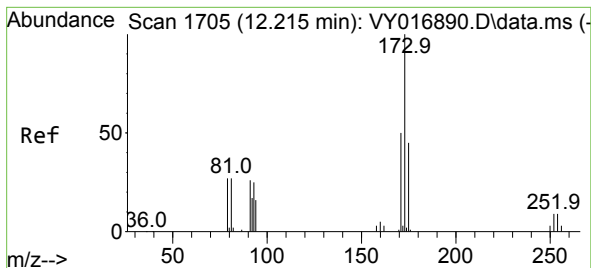
Tgt Ion:106 Resp: 50783
Ion Ratio Lower Upper
106 100
91 212.9 106.5 319.5



#70
Styrene
Concen: 21.558 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

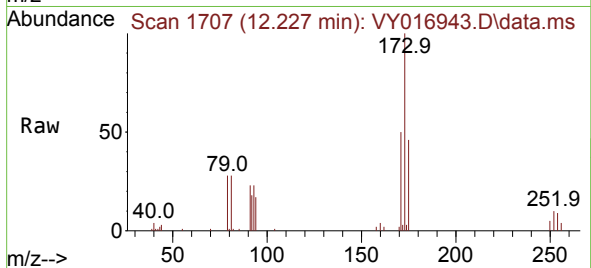
Tgt Ion:104 Resp: 74874
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.6 43.8 65.6



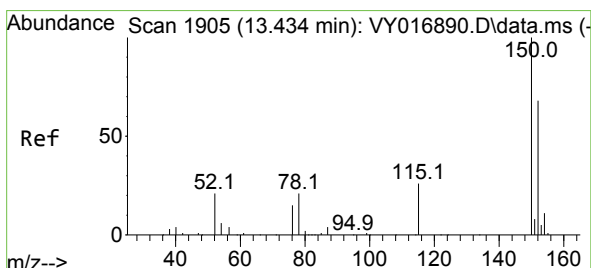
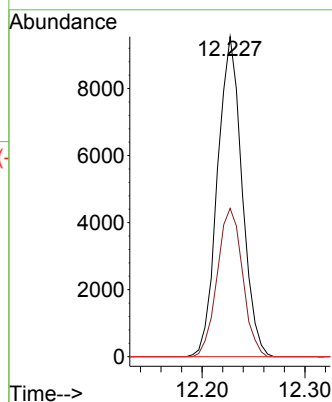
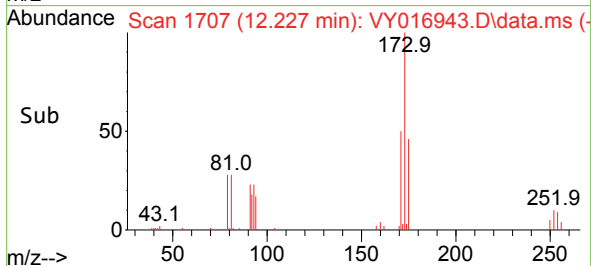


#71
Bromoform
Concen: 21.922 ug/l
RT: 12.227 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

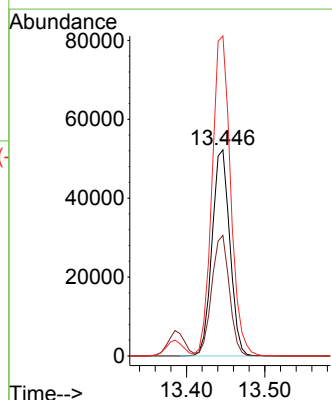
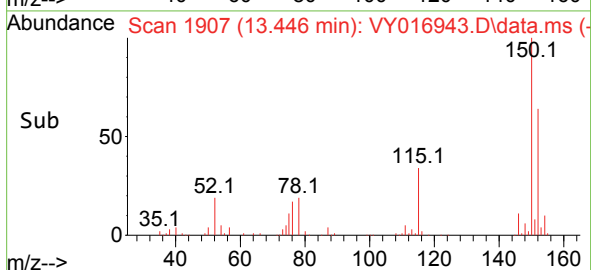
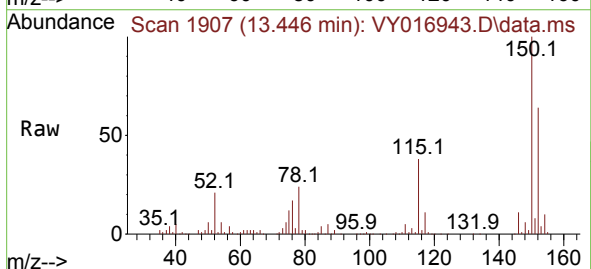


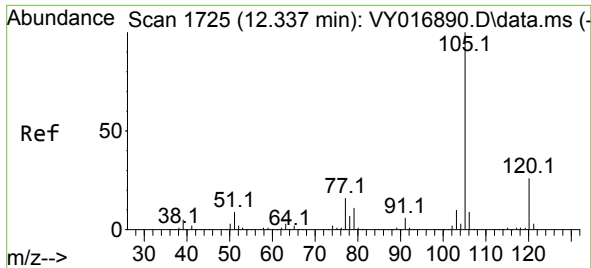
Tgt Ion:173 Resp: 15803
Ion Ratio Lower Upper
173 100
175 47.8 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion:152 Resp: 82270
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.0
150 162.5 0.0 344.6

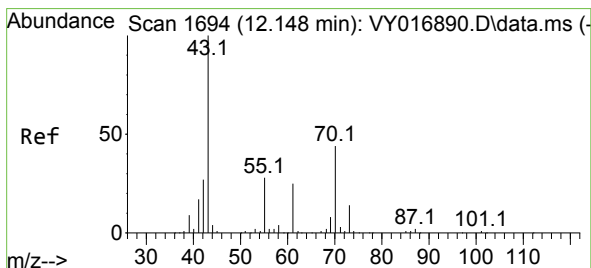
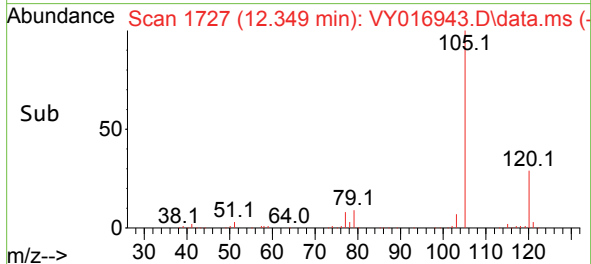
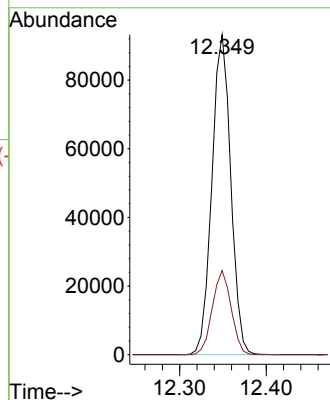
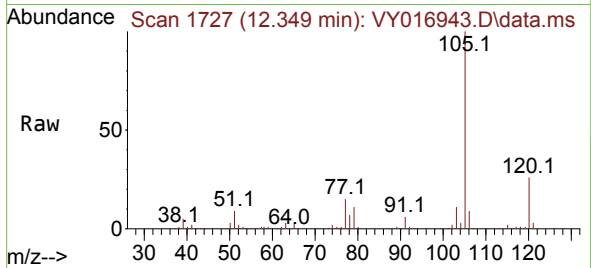




#73
Isopropylbenzene
Concen: 20.975 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

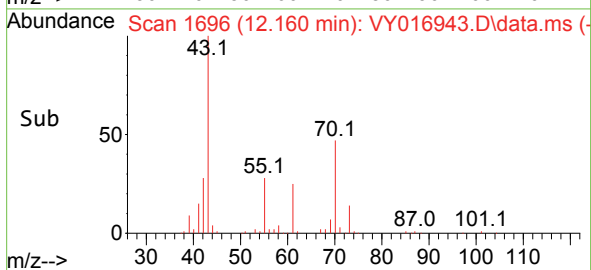
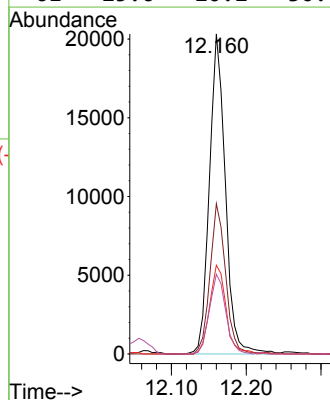
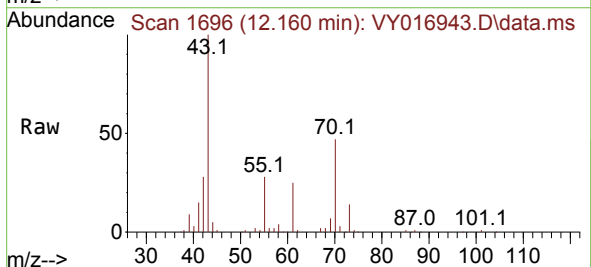
Instrument :
MSVOA_Y
ClientSampleId :

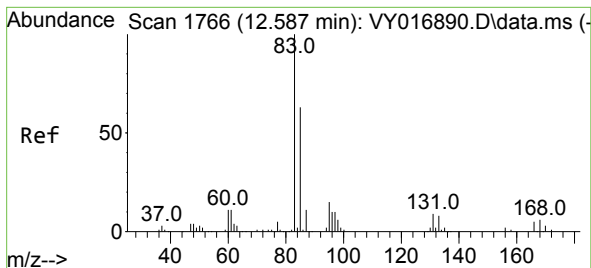
Tgt Ion:105 Resp: 140917
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 22.361 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

Tgt Ion: 43 Resp: 30182
Ion Ratio Lower Upper
43 100
70 46.2 36.6 55.0
55 28.4 22.2 33.4
61 25.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.425 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

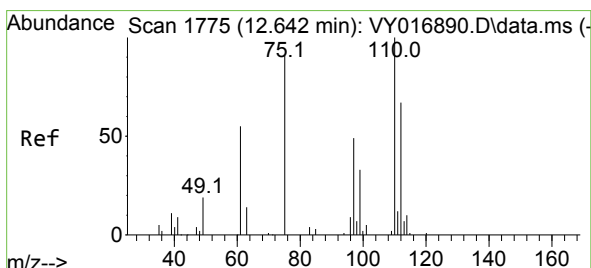
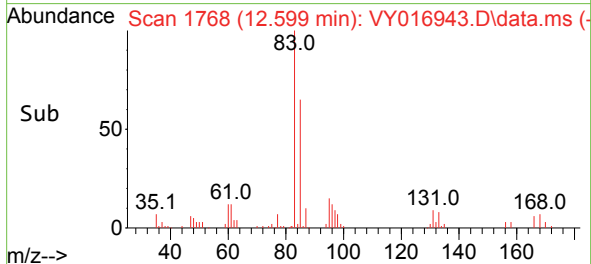
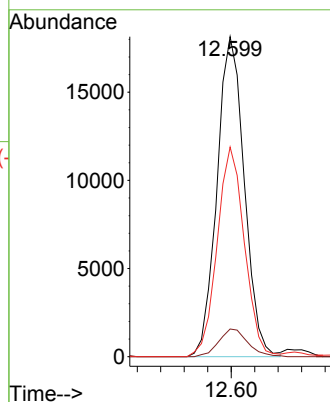
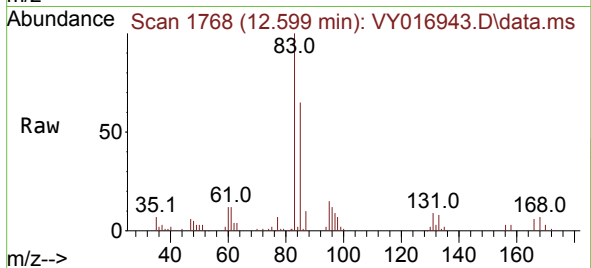
Tgt Ion: 83 Resp: 29328

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 65.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.494 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016943.D

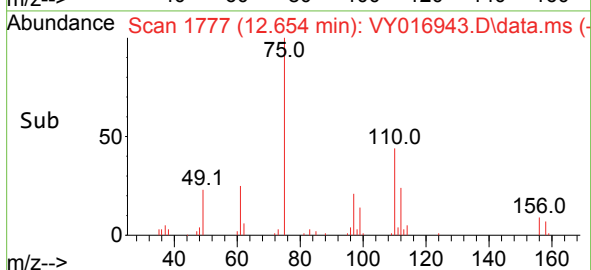
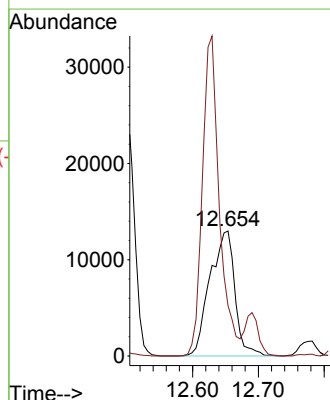
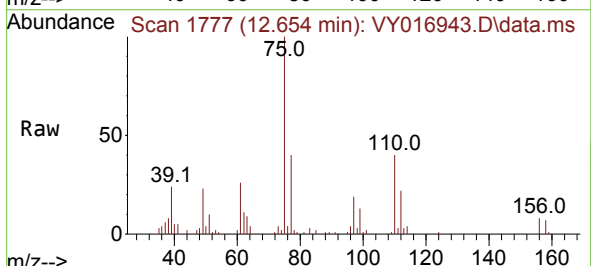
Acq: 09 Jan 2024 11:51

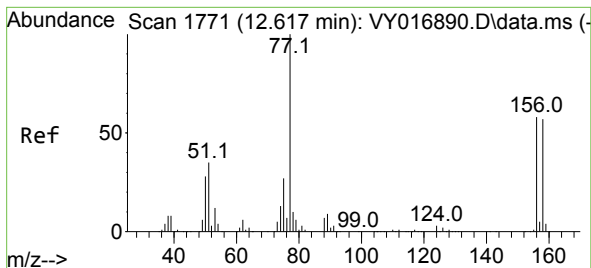
Tgt Ion: 75 Resp: 34367

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.609 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016943.D

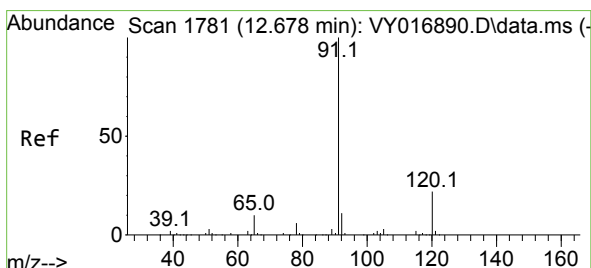
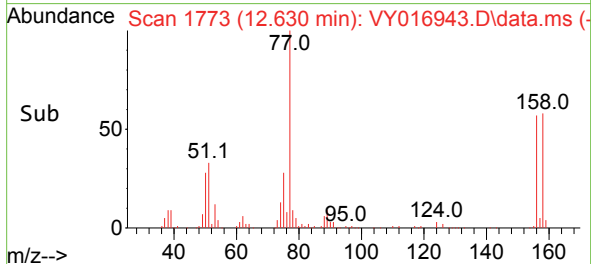
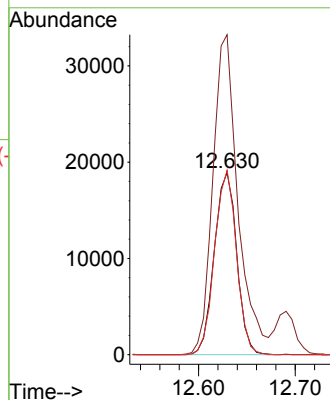
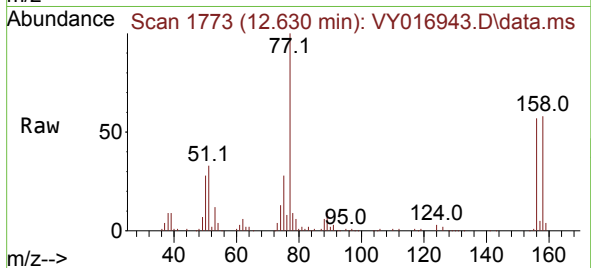
Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	30484
Ion Ratio	Lower	Upper	
156	100		
77	196.5	97.3	291.8
158	98.8	48.4	145.0



#78

n-propylbenzene

Concen: 20.872 ug/l

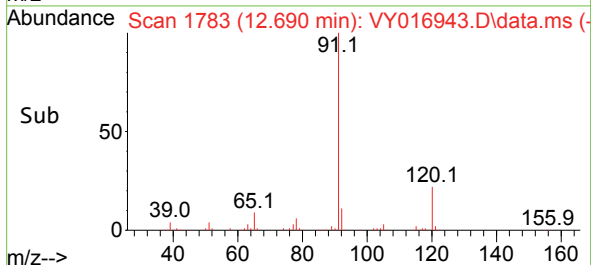
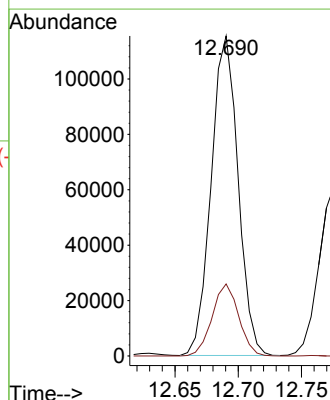
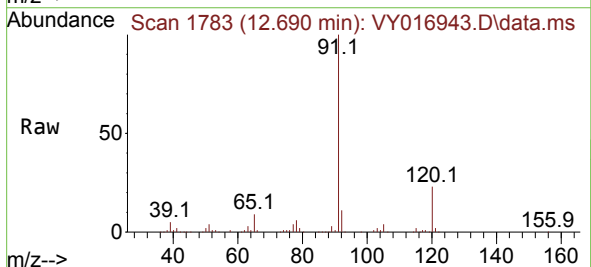
RT: 12.690 min Scan# 1783

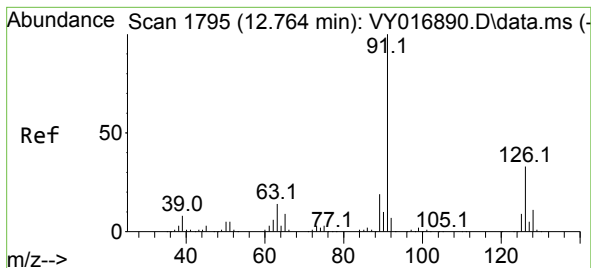
Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Tgt Ion:	91	Resp:	170469
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.0	33.0





#79

2-Chlorotoluene

Concen: 20.712 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

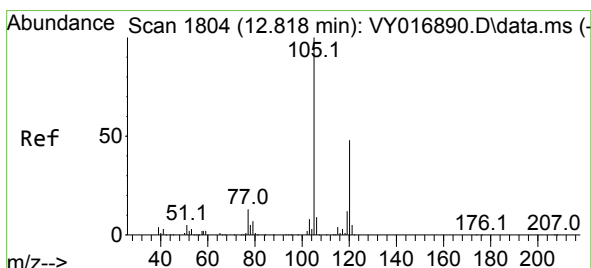
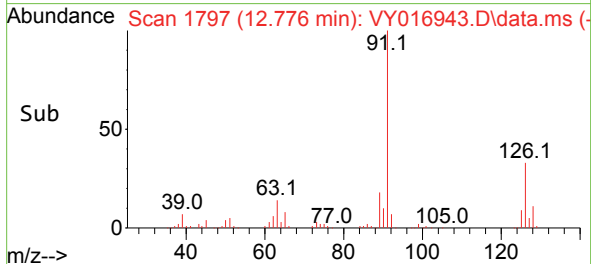
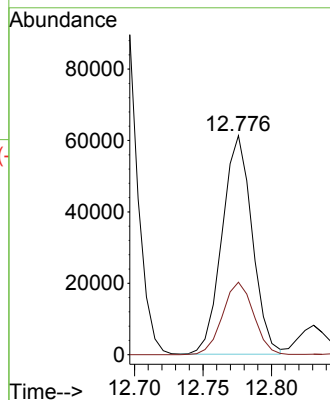
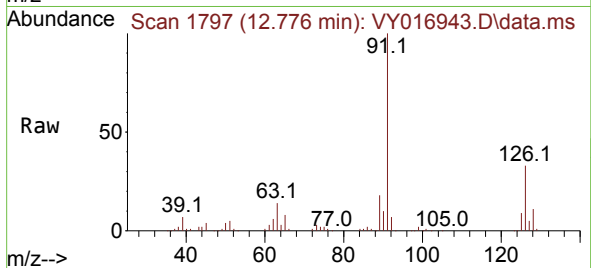
ClientSampleId :

Tgt Ion: 91 Resp: 93806

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.216 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY016943.D

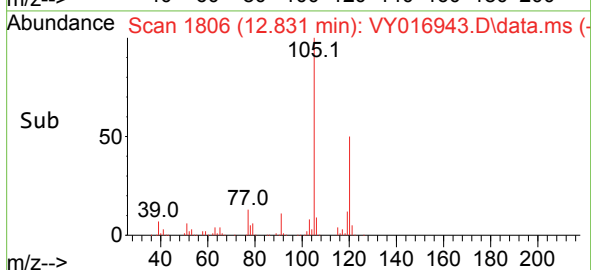
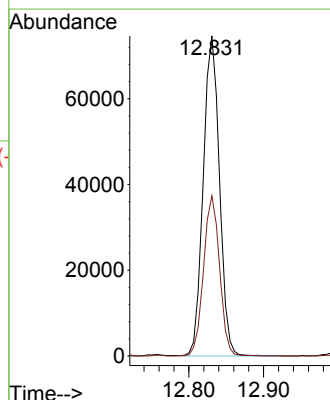
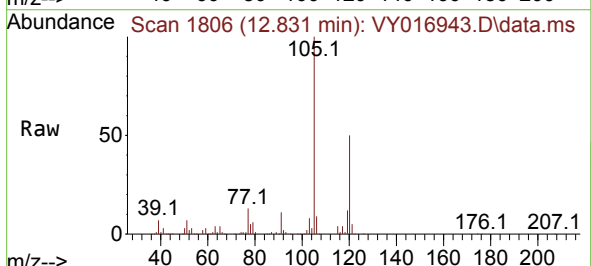
Acq: 09 Jan 2024 11:51

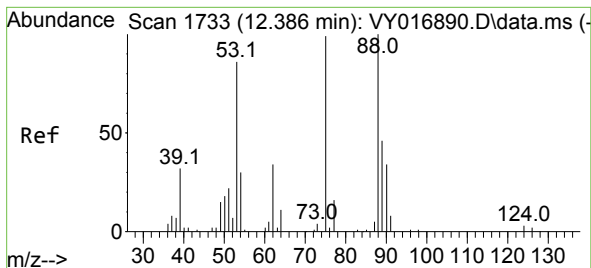
Tgt Ion: 105 Resp: 112725

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

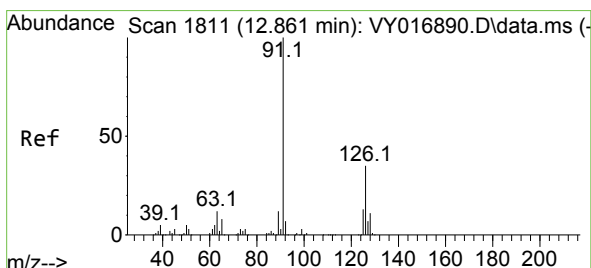
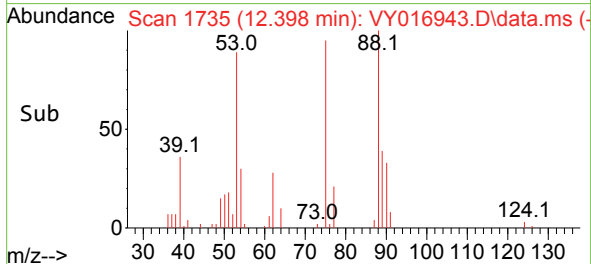
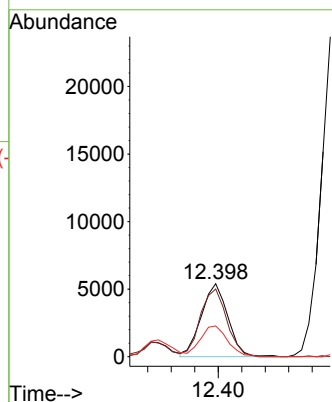
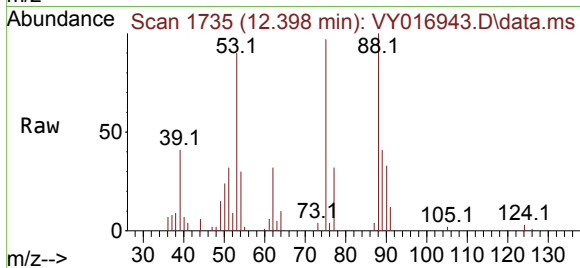




#81
trans-1,4-Dichloro-2-butene
Concen: 21.571 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

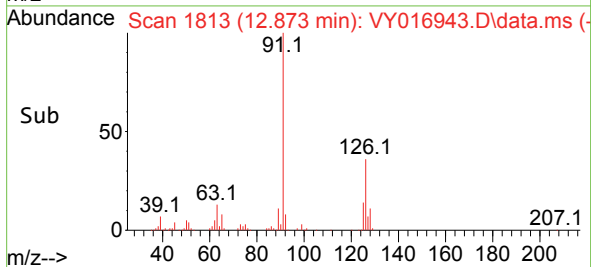
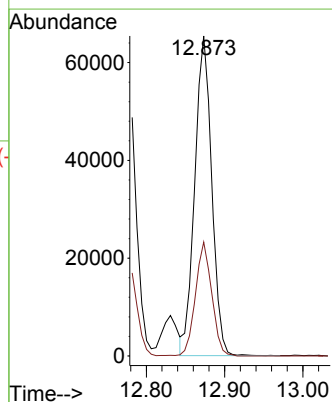
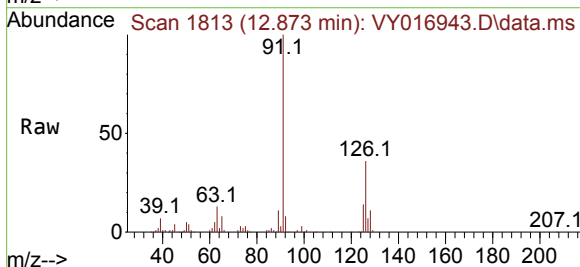
Instrument :
MSVOA_Y
ClientSampleId :

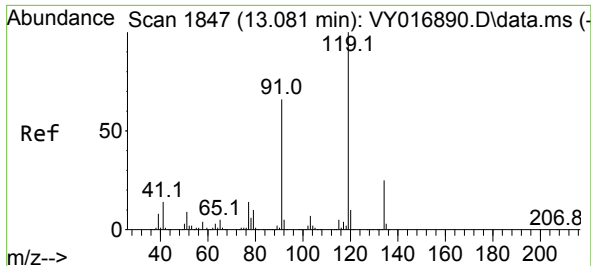
Tgt Ion: 75 Resp: 8481
Ion Ratio Lower Upper
75 100
53 92.4 74.0 111.0
89 42.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.258 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

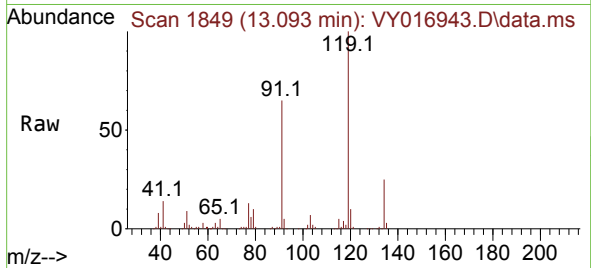
Tgt Ion: 91 Resp: 98361
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2



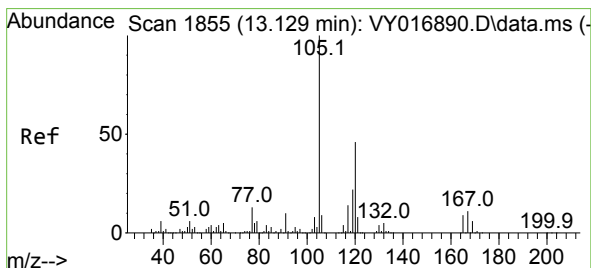
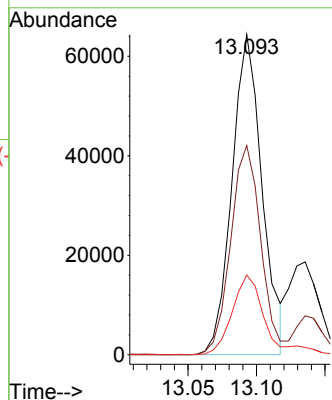
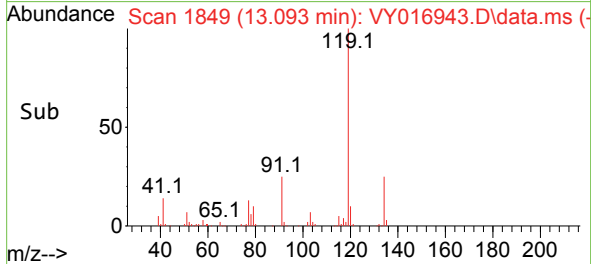


#83
tert-Butylbenzene
Concen: 21.078 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

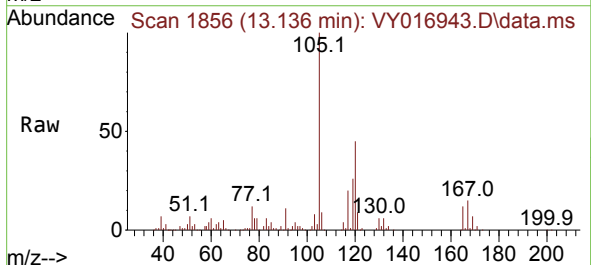
Instrument :
MSVOA_Y
ClientSampleId :



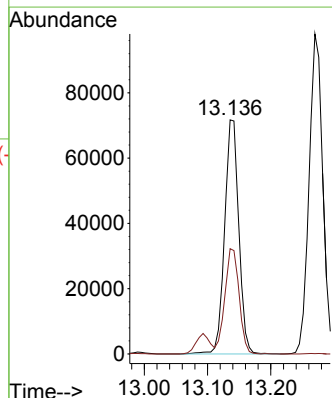
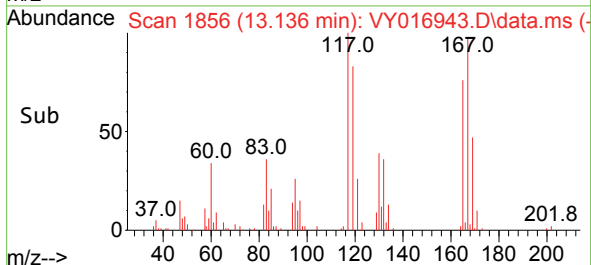
Tgt Ion:119 Resp: 98641
Ion Ratio Lower Upper
119 100
91 65.8 31.5 94.5
134 27.1 13.1 39.3

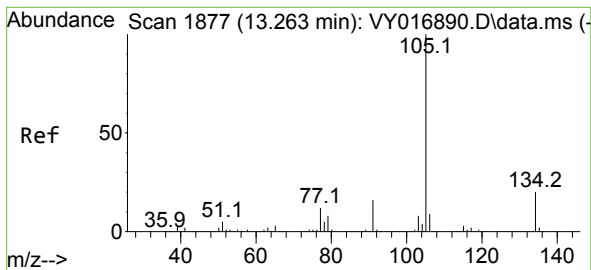


#84
1,2,4-Trimethylbenzene
Concen: 21.260 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.007 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51



Tgt Ion:105 Resp: 111244
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.090 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.007 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

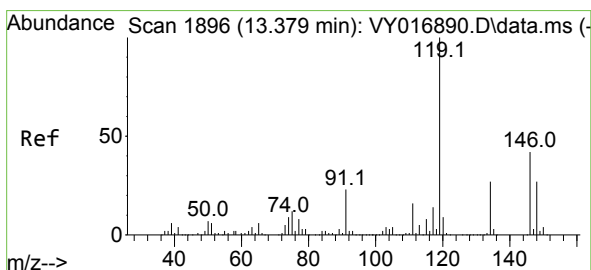
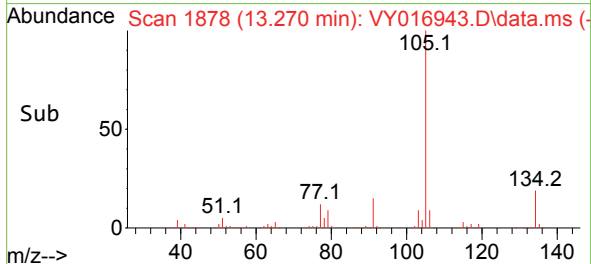
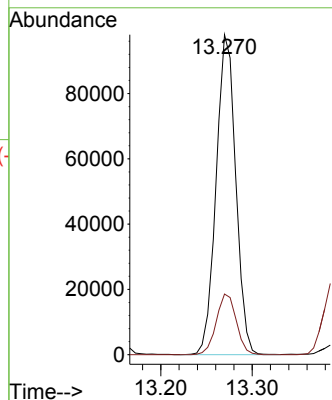
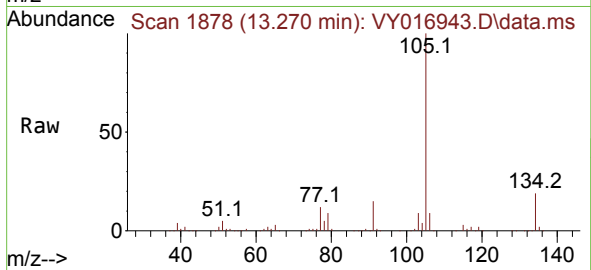
ClientSampleId :

Tgt Ion:105 Resp: 146243

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.060 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

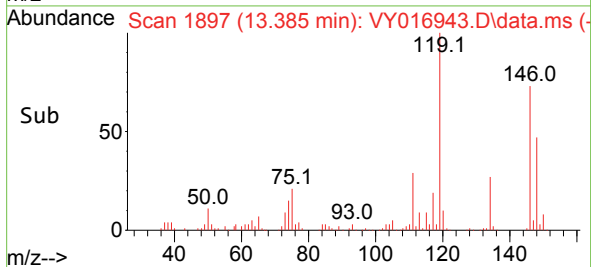
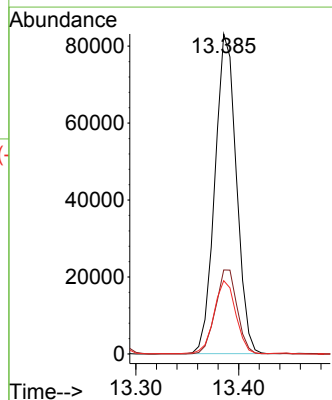
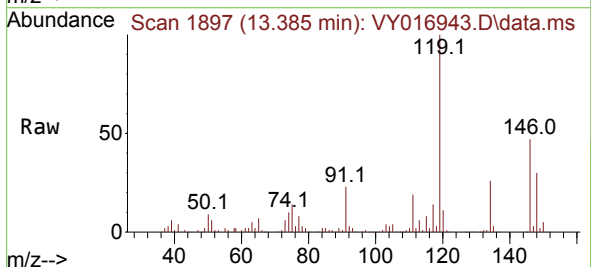
Tgt Ion:119 Resp: 120525

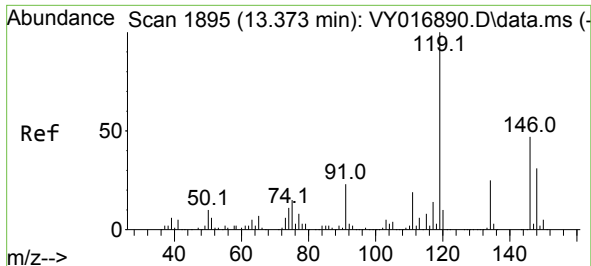
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.843 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

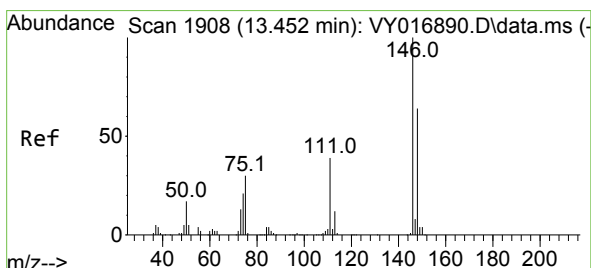
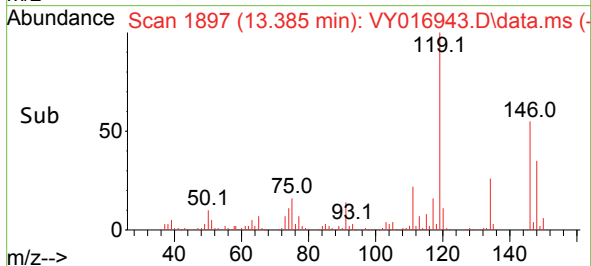
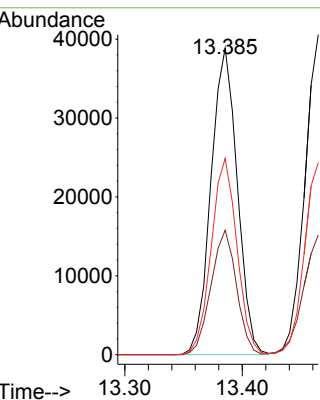
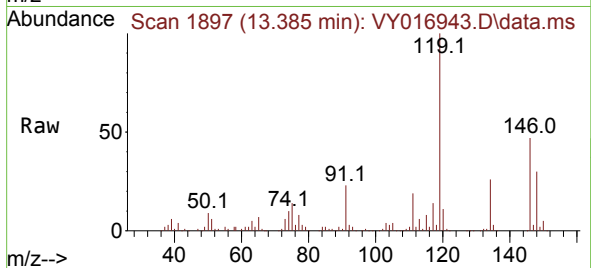
Tgt Ion:146 Resp: 60463

Ion Ratio Lower Upper

146 100

111 39.4 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.571 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

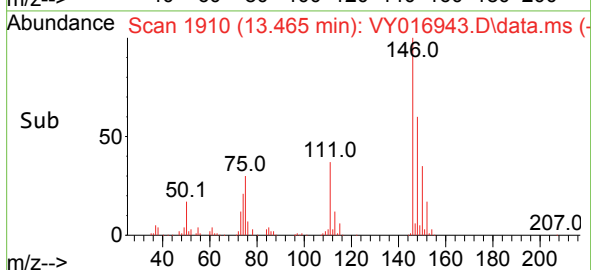
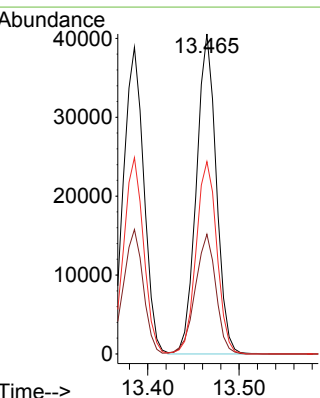
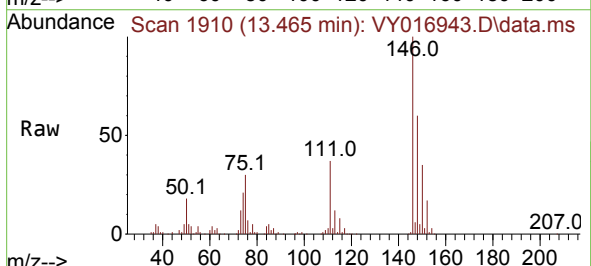
Tgt Ion:146 Resp: 61204

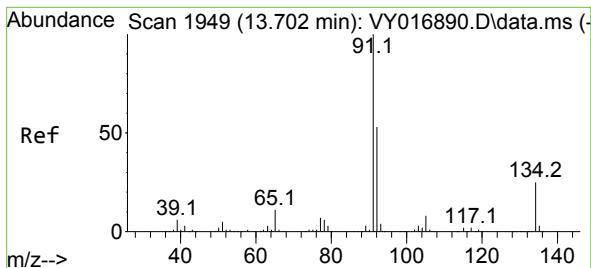
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

148 62.7 31.6 94.7

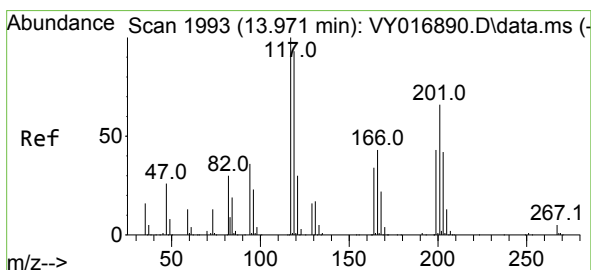
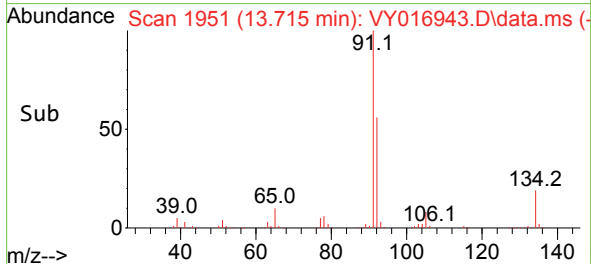
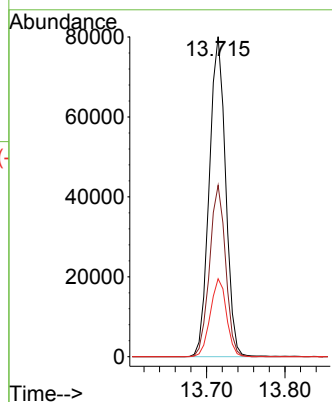
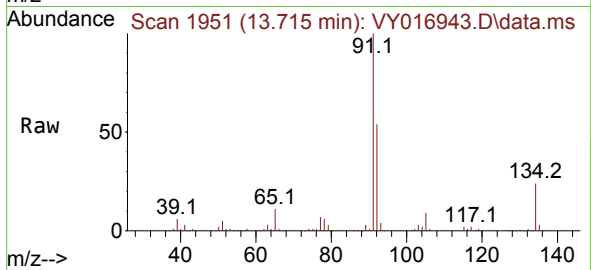




#89
n-Butylbenzene
Concen: 21.030 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

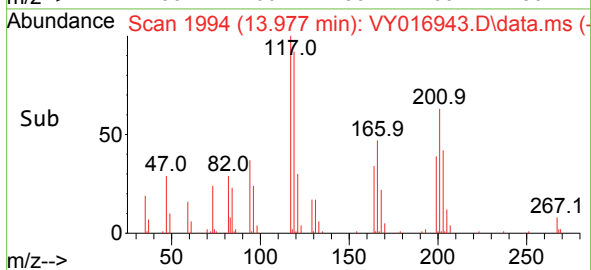
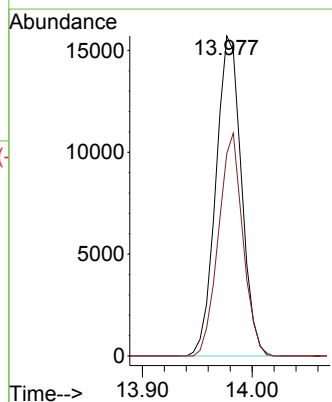
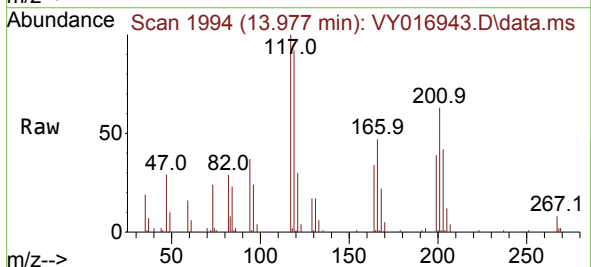
Instrument :
MSVOA_Y
ClientSampleId :

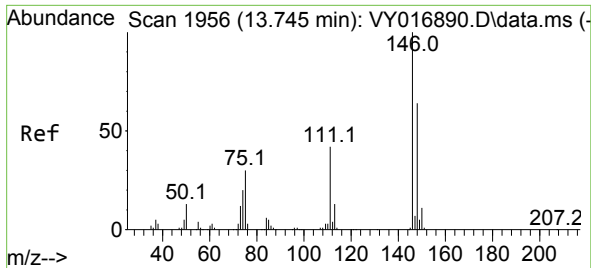
Tgt Ion: 91 Resp: 115717
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 20.651 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016943.D
Acq: 09 Jan 2024 11:51

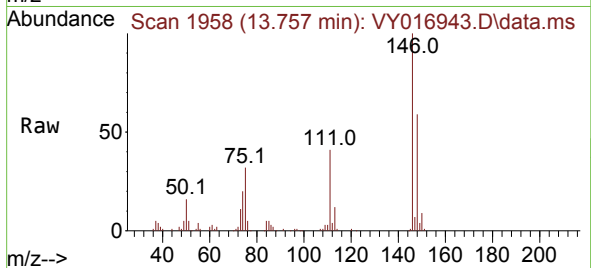
Tgt Ion: 117 Resp: 25396
Ion Ratio Lower Upper
117 100
201 66.7 33.4 100.1



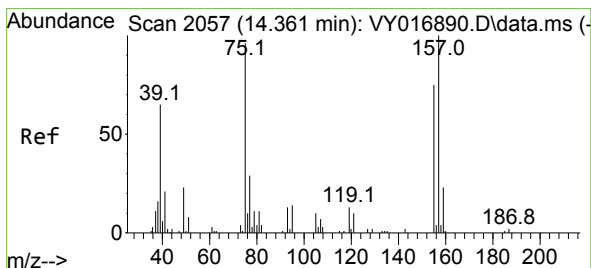
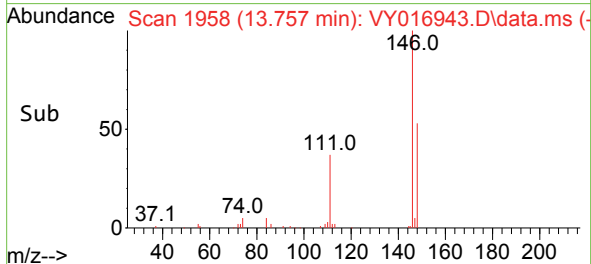
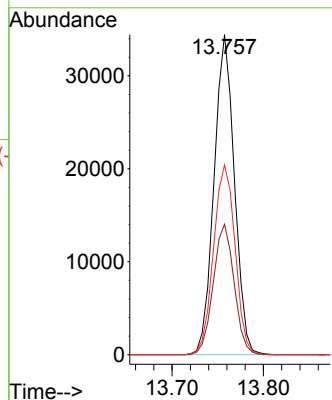


#91
 1,2-Dichlorobenzene
 Concen: 21.254 ug/l
 RT: 13.757 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :

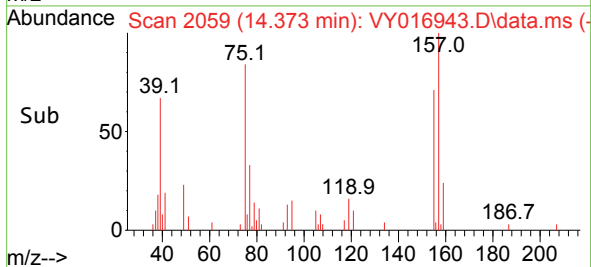
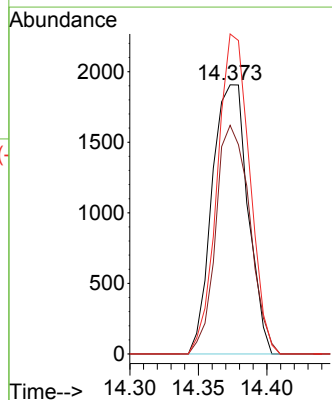
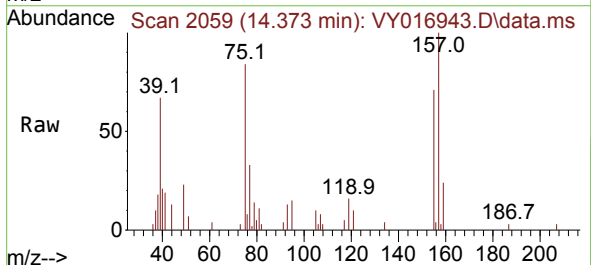


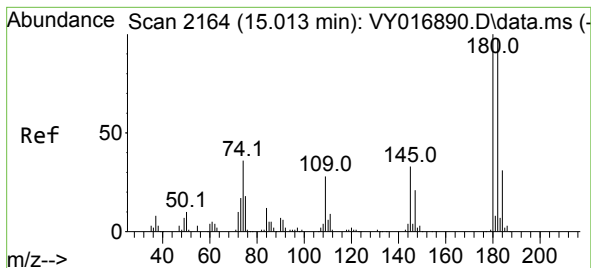
Tgt Ion:146 Resp: 53283
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 62.8 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.215 ug/l
 RT: 14.373 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY016943.D
 Acq: 09 Jan 2024 11:51

Tgt Ion: 75 Resp: 3470
 Ion Ratio Lower Upper
 75 100
 155 80.6 42.1 126.3
 157 107.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.152 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

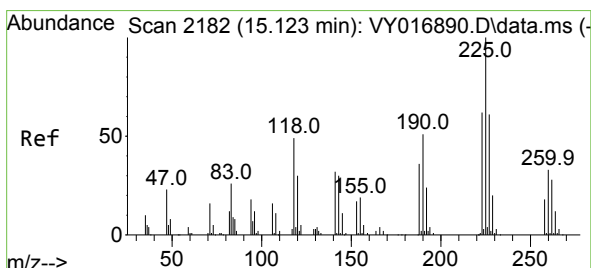
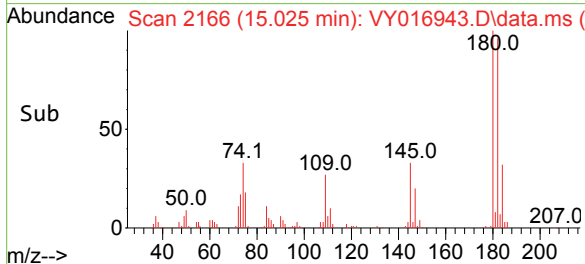
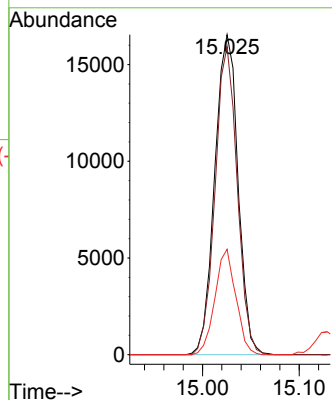
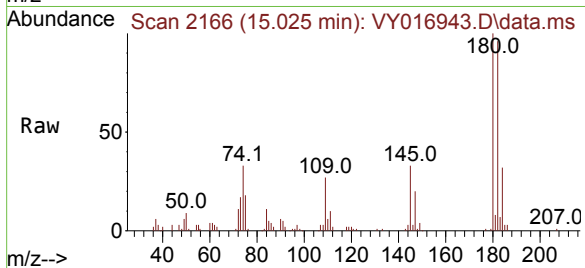
Tgt Ion:180 Resp: 27577

Ion Ratio Lower Upper

180 100

182 91.5 47.9 143.7

145 29.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.490 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

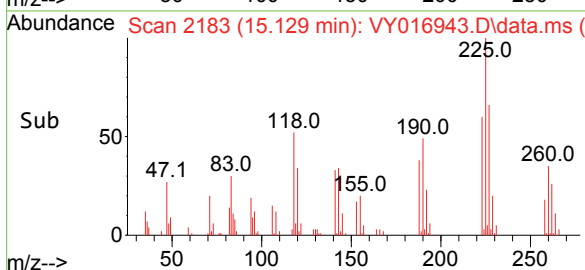
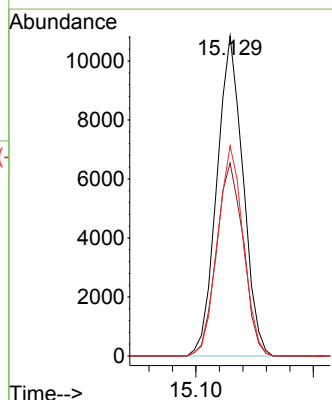
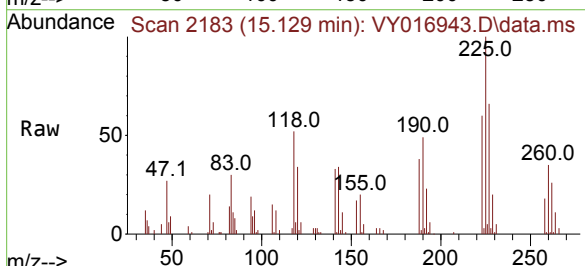
Tgt Ion:225 Resp: 16759

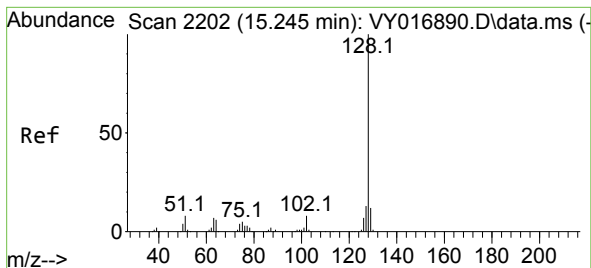
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 23.312 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016943.D

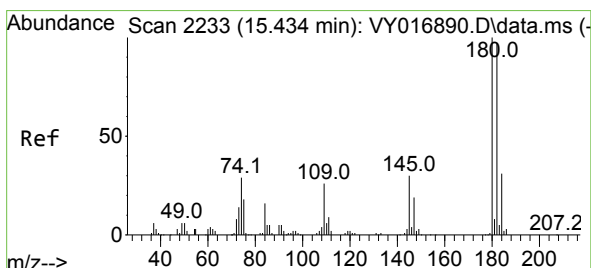
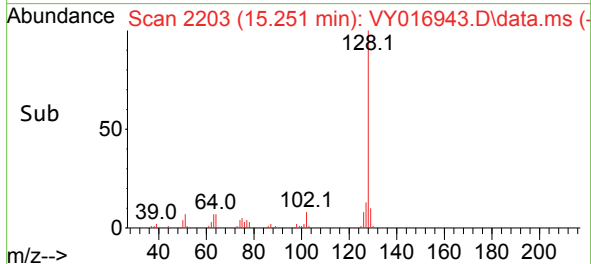
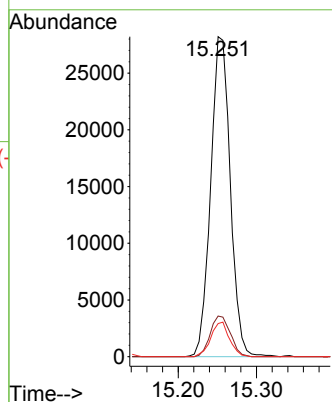
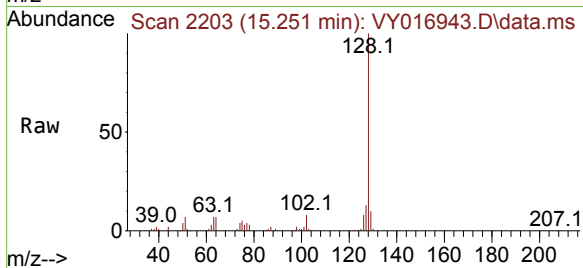
Acq: 09 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	49098
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	10.3	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 22.255 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016943.D

Acq: 09 Jan 2024 11:51

Tgt Ion:180	Resp:	23525
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.3 138.8
145	31.8	16.1 48.2

