

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016927.D
 Acq On : 08 Jan 2024 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 06:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	126919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	209961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	176189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63900	50.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.740	113	70882	52.978	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.197	98	255810	55.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.040%	
62) 4-Bromofluorobenzene	12.502	95	80965	52.087	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	47348	49.610	ug/l	96
3) Chloromethane	2.132	50	72847	48.860	ug/l	98
4) Vinyl Chloride	2.266	62	88830	50.511	ug/l	100
5) Bromomethane	2.674	94	60360	47.909	ug/l	95
6) Chloroethane	2.814	64	60708	51.031	ug/l	99
7) Trichlorofluoromethane	3.150	101	113038	52.166	ug/l	96
8) Diethyl Ether	3.552	74	34954	50.476	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.930	101	74394	52.802	ug/l	99
10) Methyl Iodide	4.119	142	66329	55.337	ug/l	98
11) Tert butyl alcohol	4.979	59	21691	235.811	ug/l	98
12) 1,1-Dichloroethene	3.899	96	64648	53.479	ug/l	96
13) Acrolein	3.753	56	30630	223.064	ug/l	95
14) Allyl chloride	4.509	41	101742	53.238	ug/l	100
15) Acrylonitrile	5.192	53	79253	244.675	ug/l	98
16) Acetone	3.967	43	75082	242.089	ug/l	99
17) Carbon Disulfide	4.223	76	147891	51.201	ug/l	99
18) Methyl Acetate	4.503	43	73755	54.880	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	159802	50.811	ug/l	98
20) Methylene Chloride	4.753	84	78371	48.045	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	72891	52.647	ug/l	98
22) Diisopropyl ether	6.143	45	239679	54.248	ug/l	95
23) Vinyl Acetate	6.088	43	502652	248.120	ug/l	100
24) 1,1-Dichloroethane	6.045	63	141128	53.155	ug/l	98
25) 2-Butanone	7.009	43	101891	237.536	ug/l	100
26) 2,2-Dichloropropane	7.009	77	123928	53.834	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	87543	53.940	ug/l	98
28) Bromochloromethane	7.356	49	57985	58.174	ug/l	99
29) Tetrahydrofuran	7.374	42	60799	239.470	ug/l	98
30) Chloroform	7.527	83	144339	52.754	ug/l	100
31) Cyclohexane	7.813	56	111016	51.564	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	125244	53.987	ug/l	99
36) 1,1-Dichloropropene	7.941	75	106770	54.757	ug/l	100
37) Ethyl Acetate	7.094	43	43415	48.996	ug/l	97
38) Carbon Tetrachloride	7.923	117	107230	54.128	ug/l	98
39) Methylcyclohexane	9.203	83	122897	56.066	ug/l	99
40) Benzene	8.185	78	313046	53.520	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23633	50.641	ug/l	94
42) 1,2-Dichloroethane	8.258	62	78745	50.711	ug/l	98
43) Isopropyl Acetate	8.295	43	81637	48.111	ug/l	99
44) Trichloroethene	8.960	130	81679	54.878	ug/l	95
45) 1,2-Dichloropropane	9.234	63	79498	52.756	ug/l	97
46) Dibromomethane	9.325	93	38971	50.709	ug/l	98
47) Bromodichloromethane	9.514	83	108124	52.393	ug/l	96
48) Methyl methacrylate	9.313	41	45173	49.329	ug/l	96
49) 1,4-Dioxane	9.319	88	8002	1005.600	ug/l	99
51) 4-Methyl-2-Pentanone	10.087	43	221118	245.027	ug/l	100
52) Toluene	10.264	92	193357	54.775	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	96978	52.462	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	119372	53.772	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	56995	50.764	ug/l	99
56) Ethyl methacrylate	10.526	69	49446	51.995	ug/l	97
57) 1,3-Dichloropropane	10.807	76	96272	51.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	153257	255.681	ug/l	99
59) 2-Hexanone	10.849	43	154136	231.964	ug/l	100
60) Dibromochloromethane	11.002	129	66956	51.713	ug/l	98
61) 1,2-Dibromoethane	11.106	107	50755	52.031	ug/l	97
64) Tetrachloroethene	10.740	164	60981	53.386	ug/l	98
65) Chlorobenzene	11.532	112	200209	54.548	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	76011	54.479	ug/l	99
67) Ethyl Benzene	11.612	91	376801	57.023	ug/l	99
68) m/p-Xylenes	11.721	106	277771	114.521	ug/l	100
69) o-Xylene	12.044	106	128557	56.537	ug/l	99
70) Styrene	12.063	104	190230	57.482	ug/l	99
71) Bromoform	12.227	173	35197	51.243	ug/l #	98
73) Isopropylbenzene	12.349	105	360651	57.903	ug/l	100
74) N-amyl acetate	12.160	43	63634	50.850	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.599	83	63645	50.150	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	74714	90.266	ug/l #	100
77) Bromobenzene	12.624	156	73831	53.838	ug/l	97
78) n-propylbenzene	12.691	91	436927	57.702	ug/l	100
79) 2-Chlorotoluene	12.776	91	233808	55.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	283803	57.613	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	18309	50.229	ug/l	98
82) 4-Chlorotoluene	12.873	91	240759	56.124	ug/l	100
83) tert-Butylbenzene	13.093	119	253885	58.515	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	280139	57.746	ug/l	98
85) sec-Butylbenzene	13.270	105	374432	58.242	ug/l	99
86) p-Isopropyltoluene	13.386	119	312203	58.842	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	148520	55.222	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	142277	54.087	ug/l	99
89) n-Butylbenzene	13.715	91	299926	58.793	ug/l	99
90) Hexachloroethane	13.977	117	62732	55.022	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	124929	53.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7565	47.536	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	67568	58.543	ug/l	97
94) Hexachlorobutadiene	15.129	225	41713	57.692	ug/l	99
95) Naphthalene	15.251	128	116149	54.584	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	55739	56.876	ug/l	99

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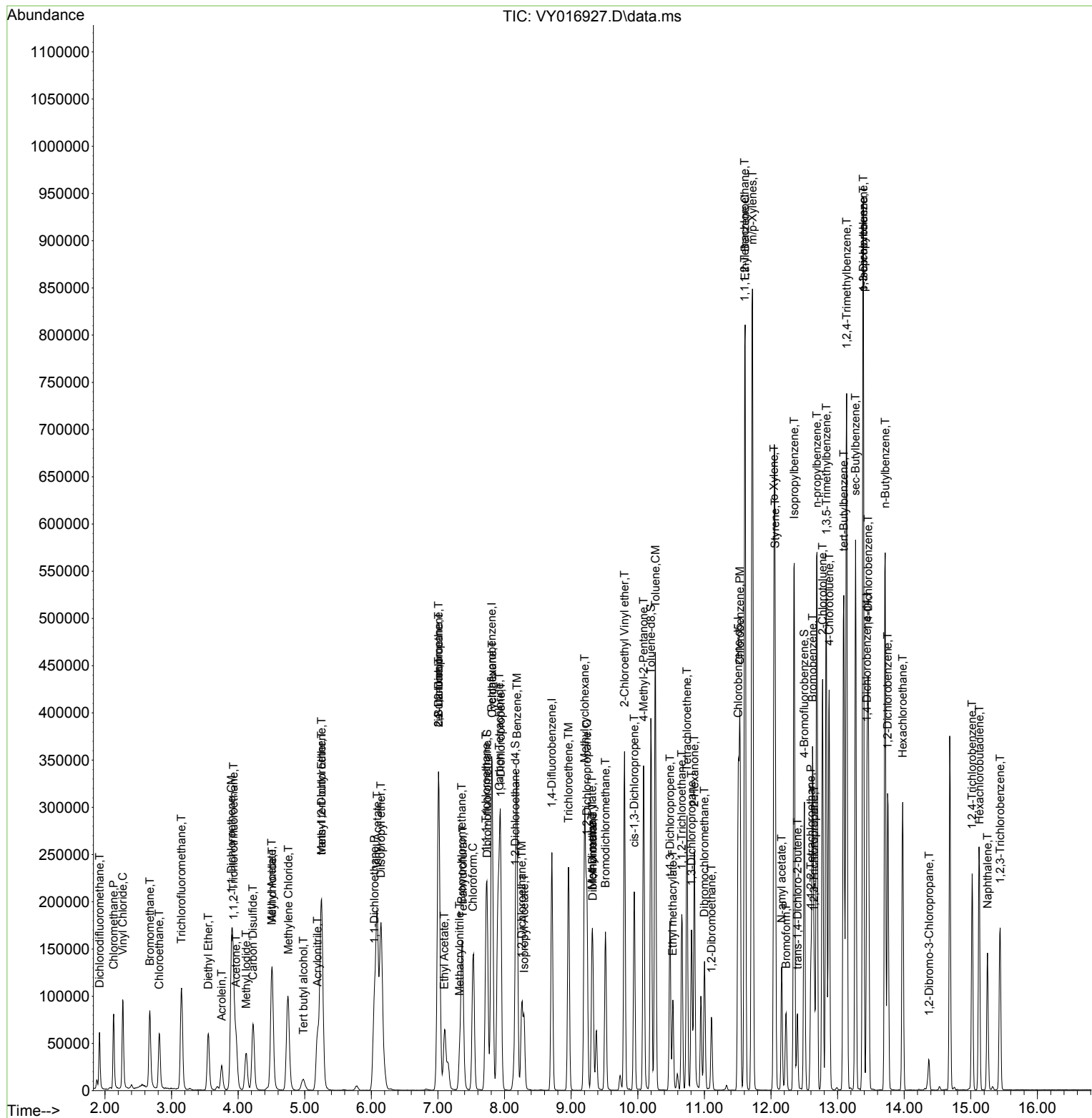
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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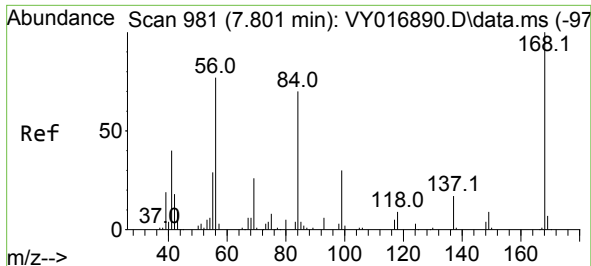
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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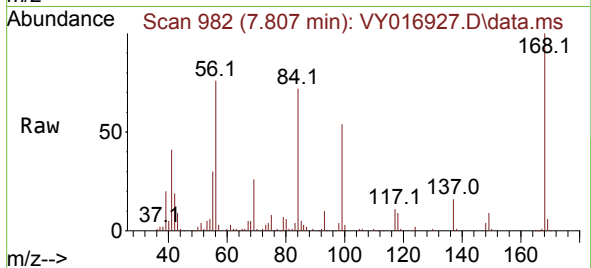
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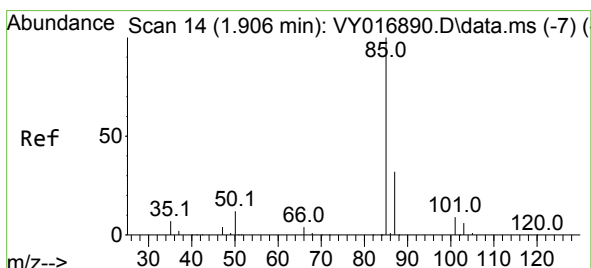
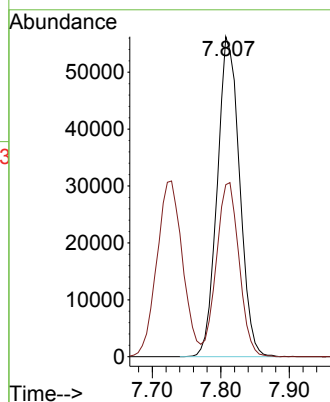
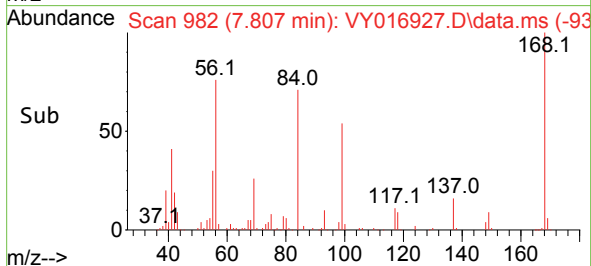


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016927.D
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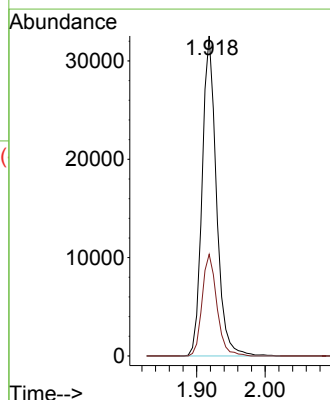
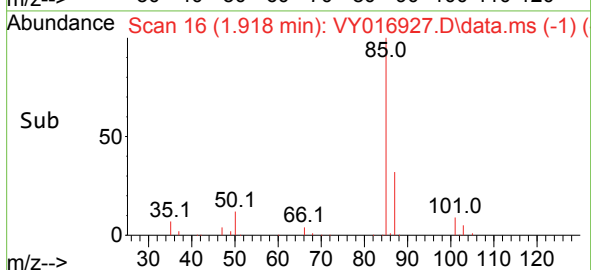
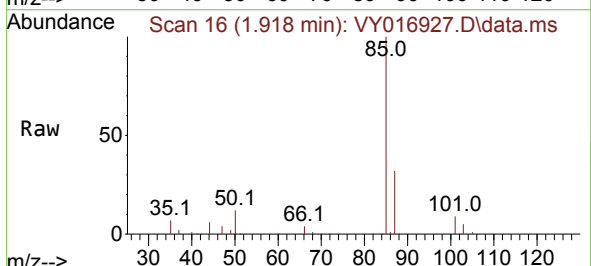


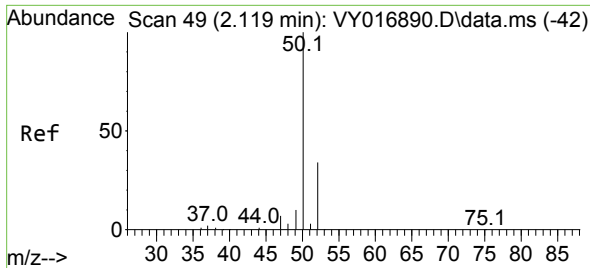
Tgt Ion:168 Resp: 126919
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 49.610 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 85 Resp: 47348
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3

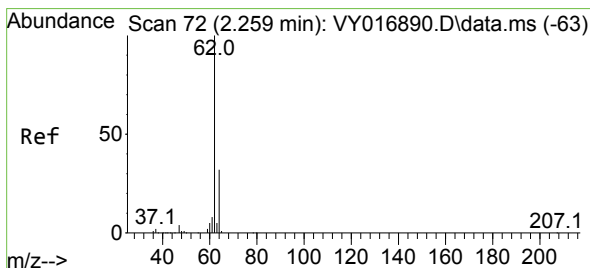
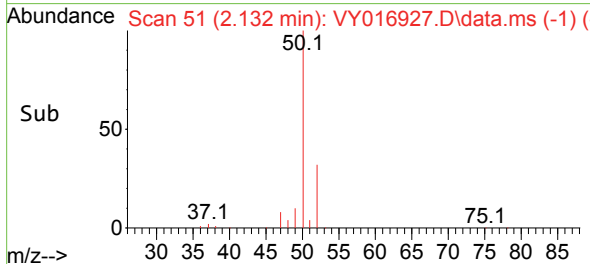
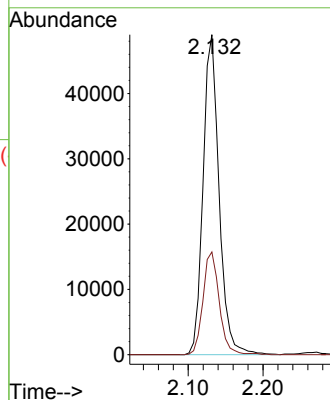
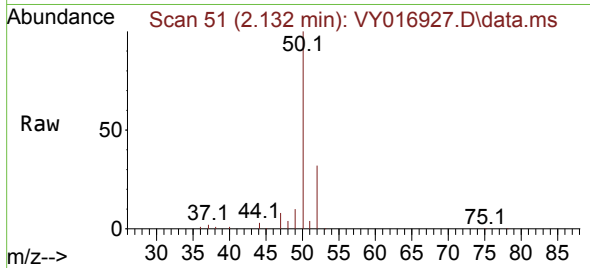




#3
Chloromethane
Concen: 48.860 ug/l
RT: 2.132 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

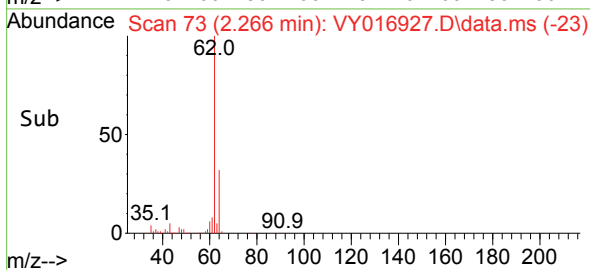
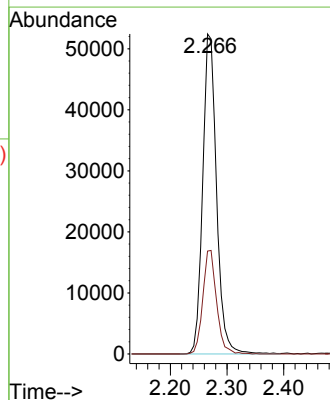
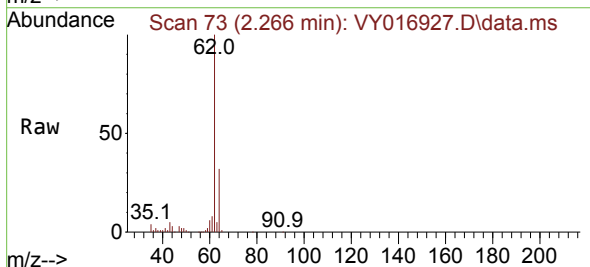
Instrument :
MSVOA_Y
ClientSampleId :

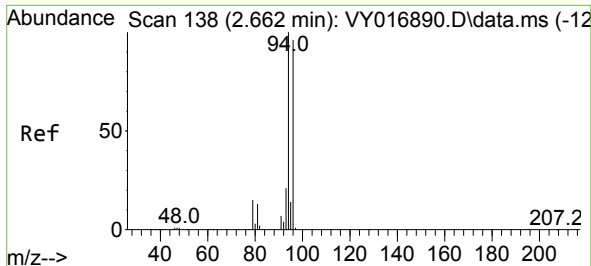
Tgt Ion: 50 Resp: 72847
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1



#4
Vinyl Chloride
Concen: 50.511 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 62 Resp: 88830
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





#5

Bromomethane

Concen: 47.909 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

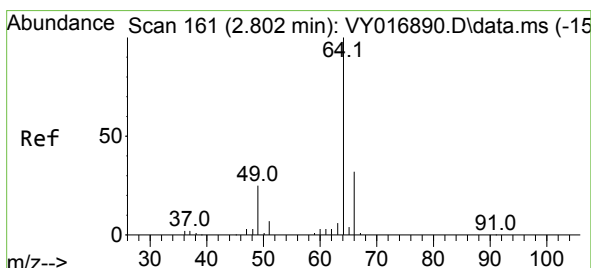
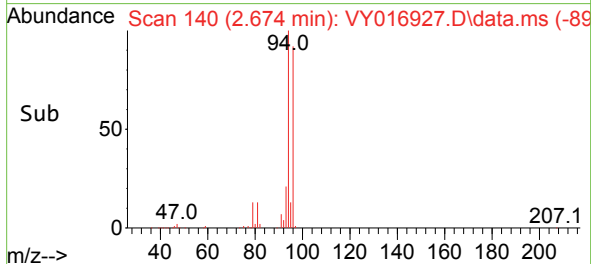
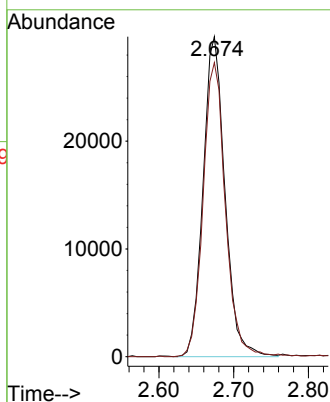
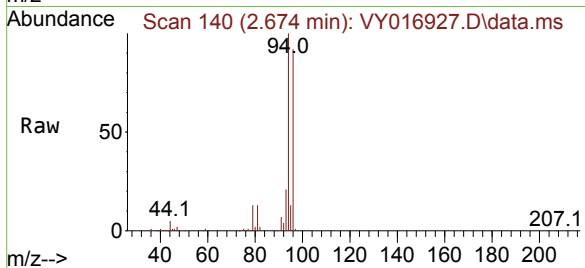
ClientSampleId :

Tgt Ion: 94 Resp: 60360

Ion Ratio Lower Upper

94 100

96 91.7 77.3 115.9



#6

Chloroethane

Concen: 51.031 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.006 min

Lab File: VY016927.D

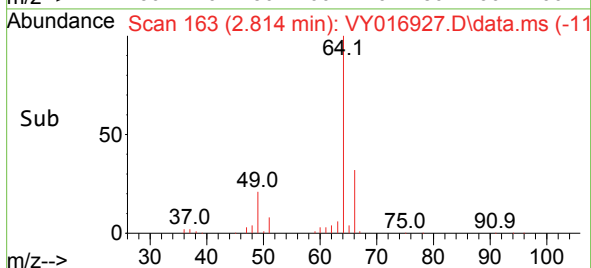
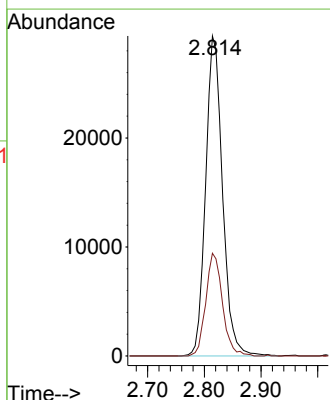
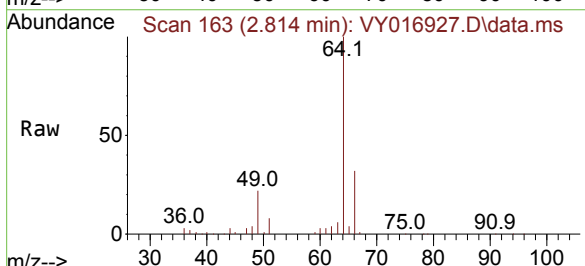
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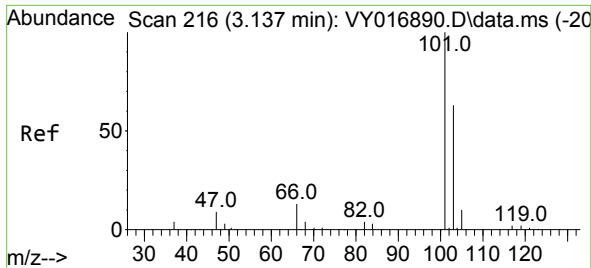
Tgt Ion: 64 Resp: 60708

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7

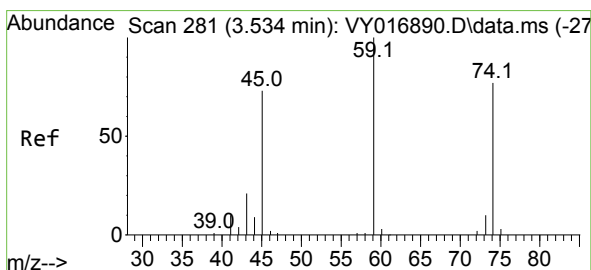
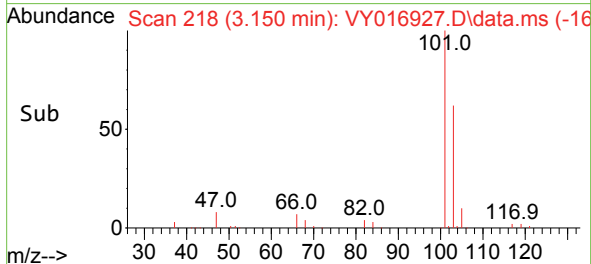
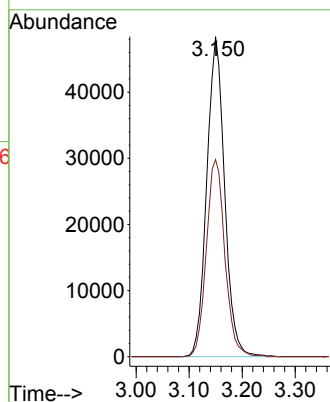
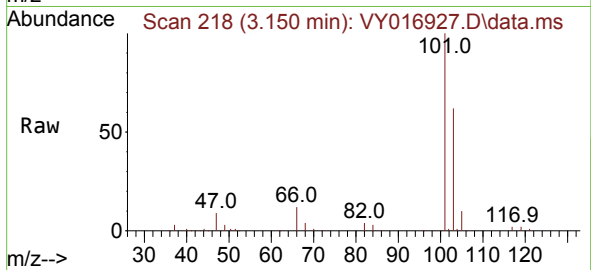




#7
 Trichlorofluoromethane
 Concen: 52.166 ug/l
 RT: 3.150 min Scan# 216
 Delta R.T. 0.013 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

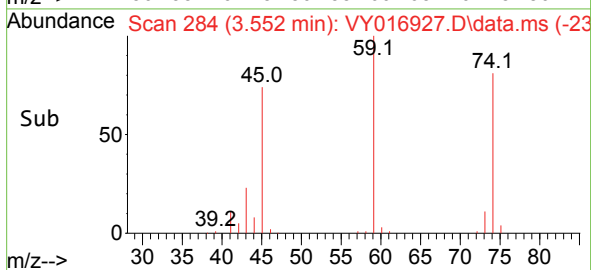
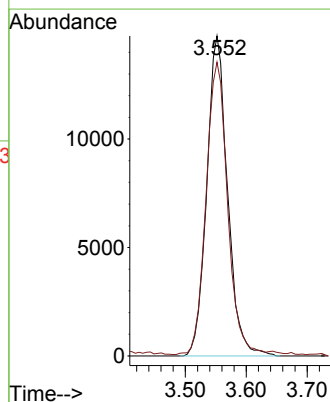
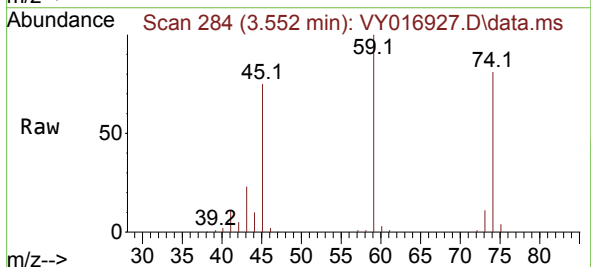
Instrument :
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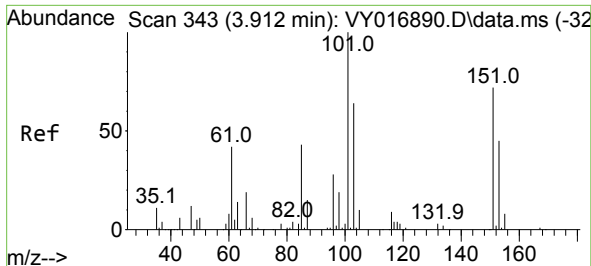
Tgt Ion:101 Resp: 113038
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.476 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY016927.D
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Tgt Ion: 74 Resp: 34954
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.9 143.7

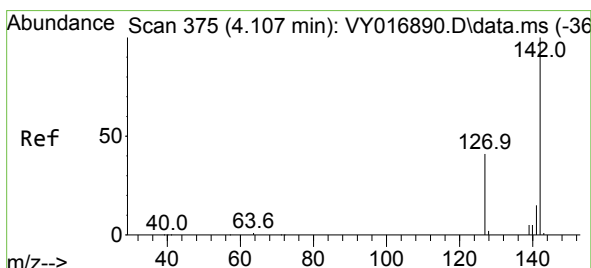
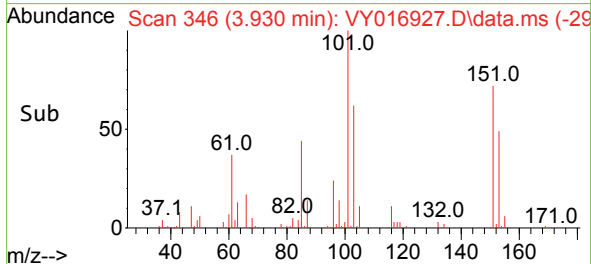
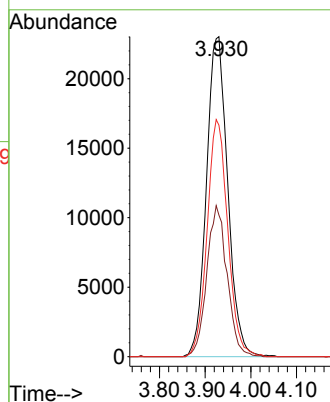
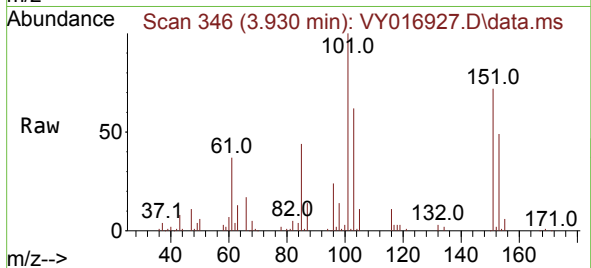




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.802 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.019 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

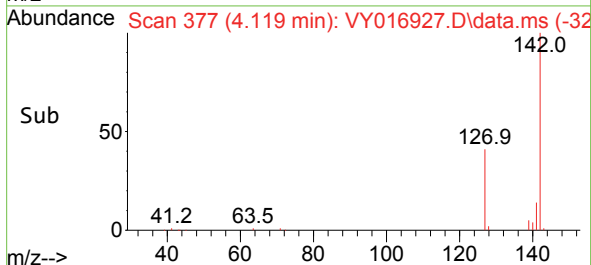
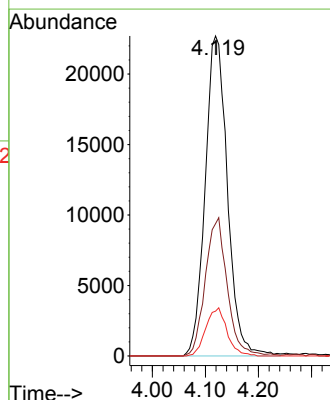
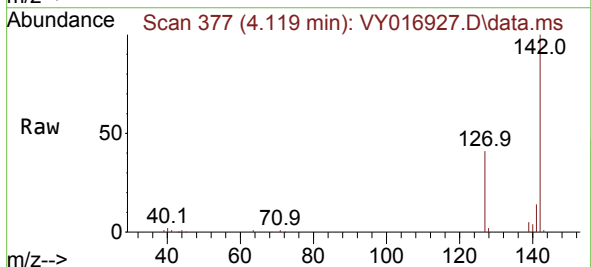
Instrument :
MSVOA_Y
ClientSampleId :

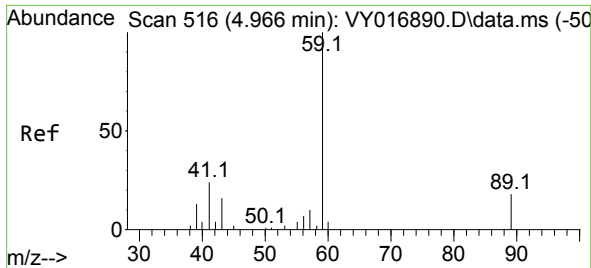
Tgt Ion:101 Resp: 74394
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 71.9 58.6 88.0



#10
Methyl Iodide
Concen: 55.337 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:142 Resp: 66329
Ion Ratio Lower Upper
142 100
127 42.4 35.1 52.7
141 14.3 11.8 17.6

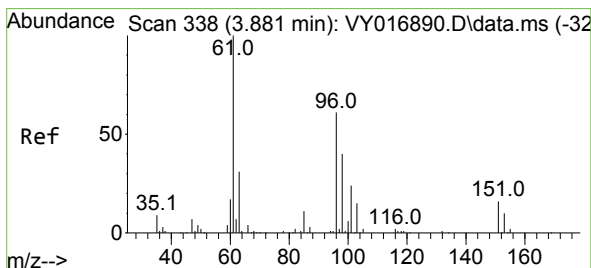
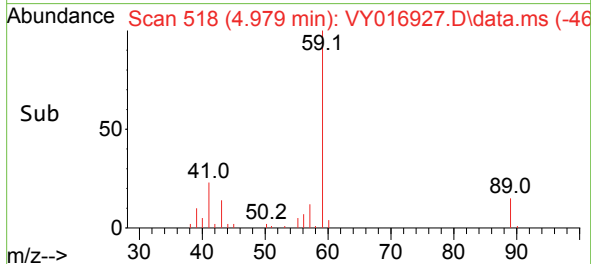
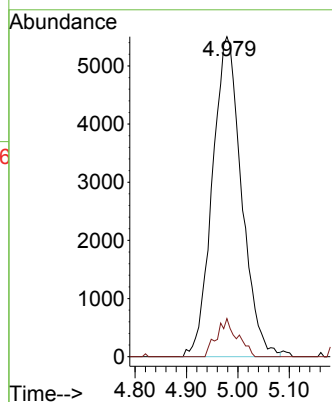
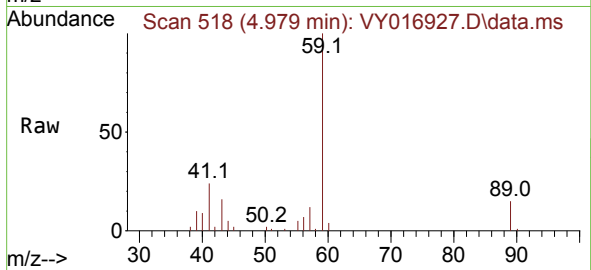




#11
Tert butyl alcohol
Concen: 235.811 ug/l
RT: 4.979 min Scan# 516
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

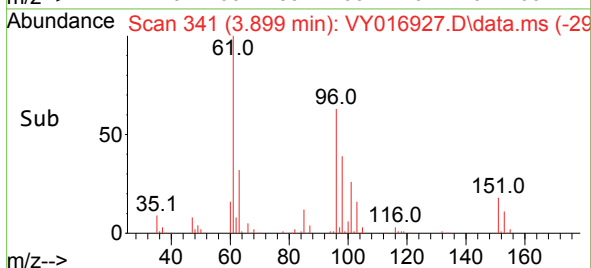
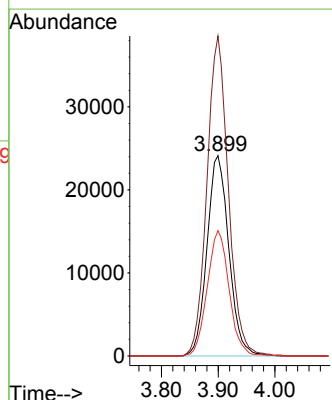
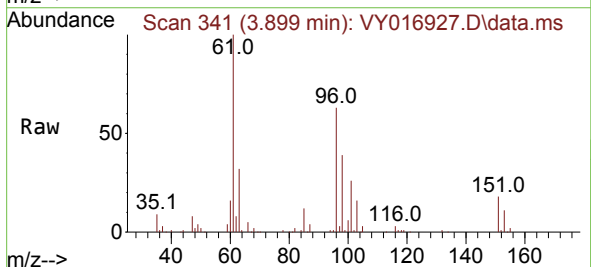
Instrument :
MSVOA_Y
ClientSampleId :

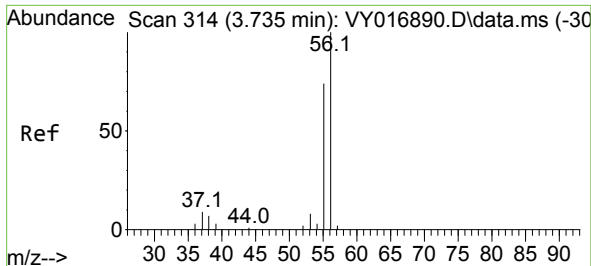
Tgt Ion: 59 Resp: 21691
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 53.479 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 96 Resp: 64648
Ion Ratio Lower Upper
96 100
61 159.8 124.2 186.2
98 62.5 52.6 79.0





#13

Acrolein

Concen: 223.064 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

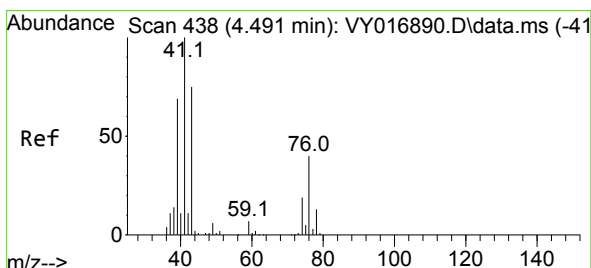
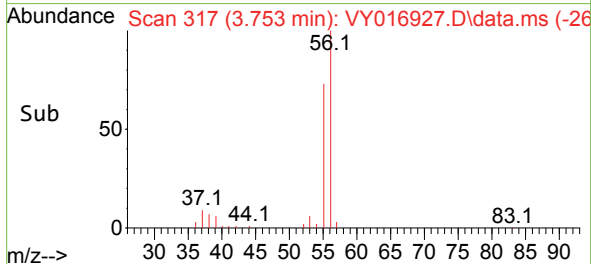
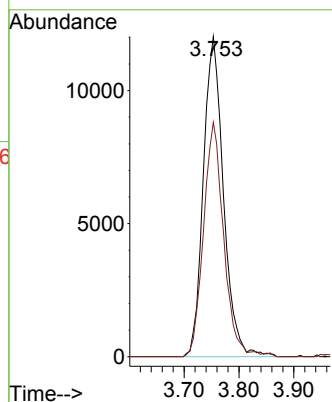
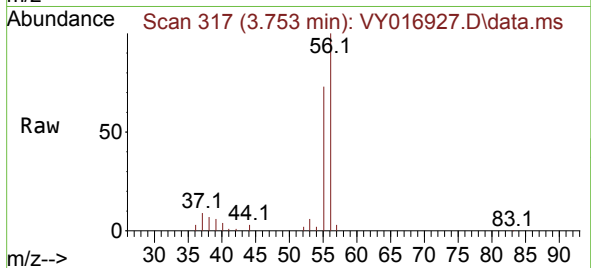
ClientSampleId :

Tgt Ion: 56 Resp: 30630

Ion Ratio Lower Upper

56 100

55 73.4 55.4 83.0



#14

Allyl chloride

Concen: 53.238 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

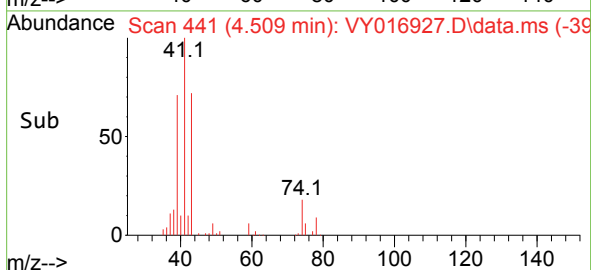
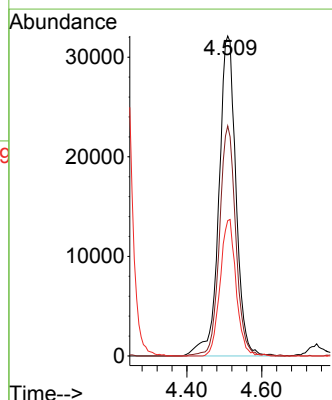
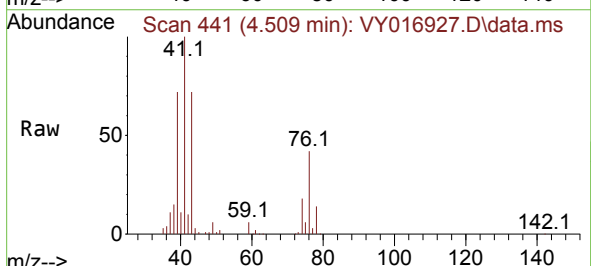
Tgt Ion: 41 Resp: 101742

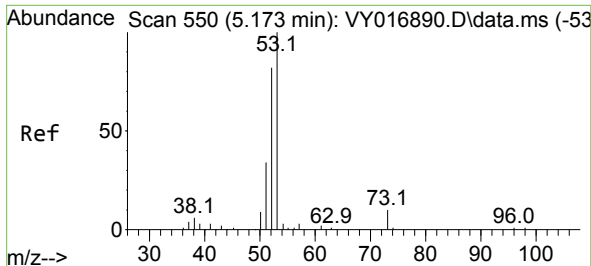
Ion Ratio Lower Upper

41 100

39 68.7 54.7 82.1

76 39.8 31.8 47.6

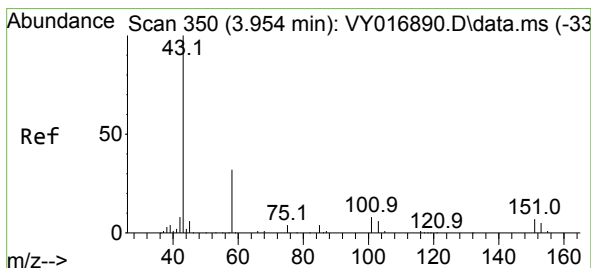
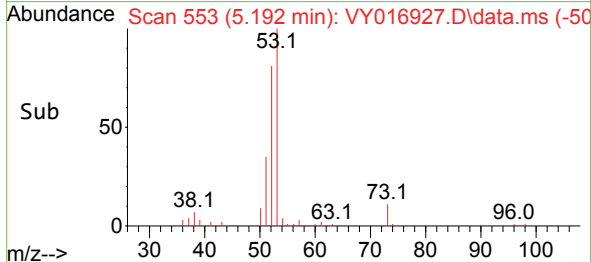
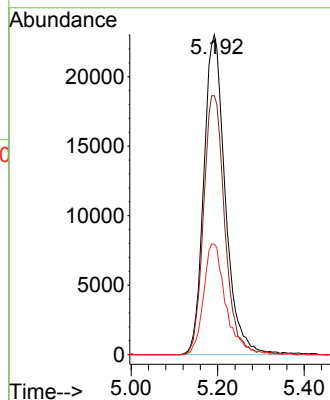
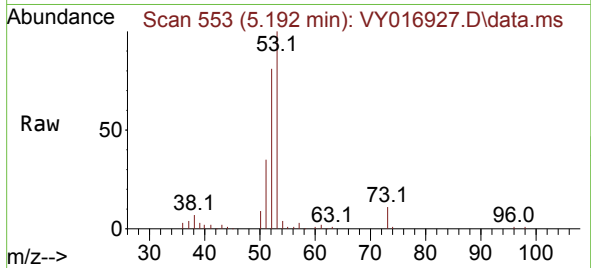




#15
Acrylonitrile
Concen: 244.675 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

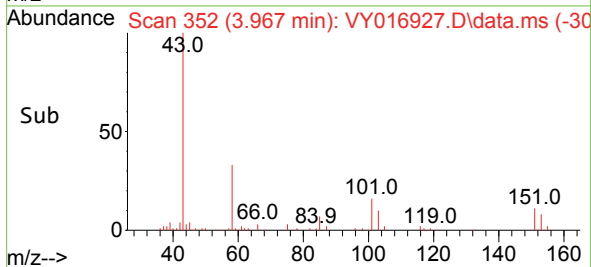
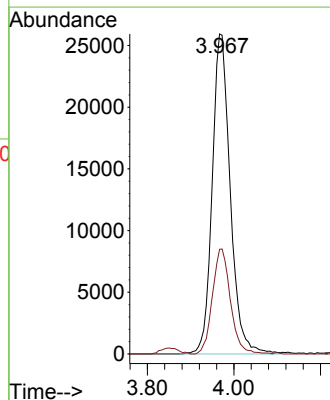
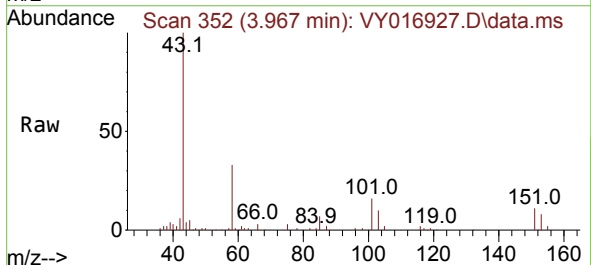
Instrument :
MSVOA_Y
ClientSampleId :

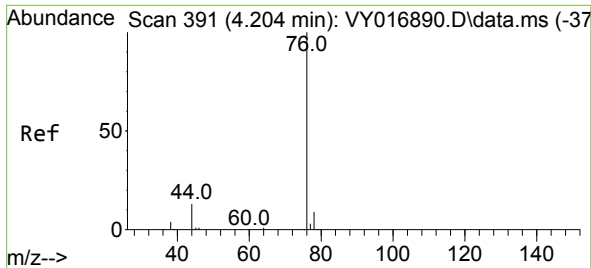
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.1	97.7
51	36.0	29.0	43.4



#16
Acetone
Concen: 242.089 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.6	39.8

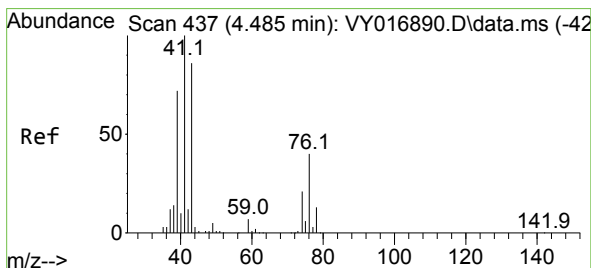
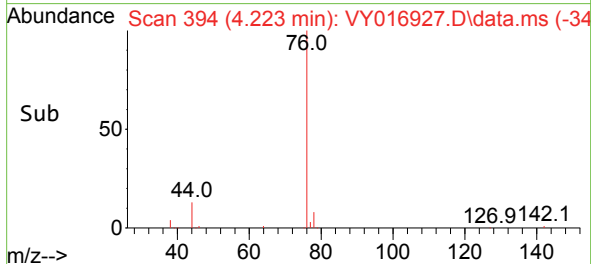
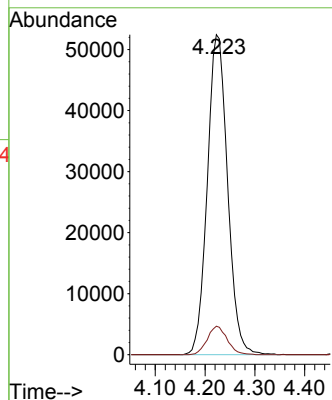
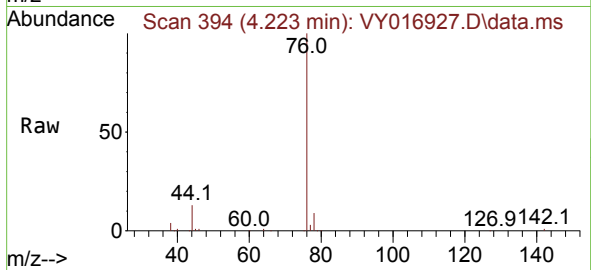




#17
Carbon Disulfide
Concen: 51.201 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

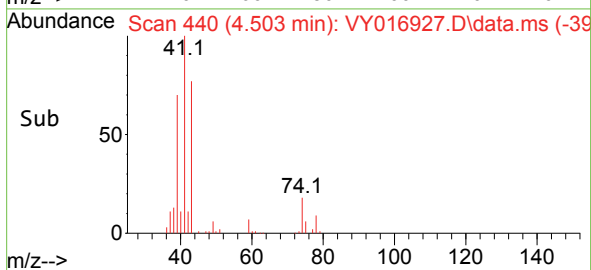
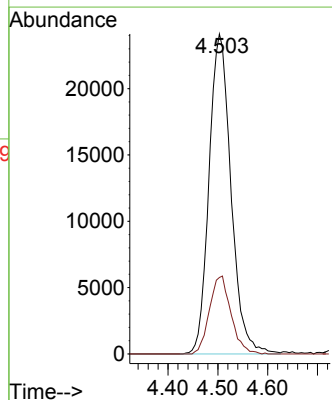
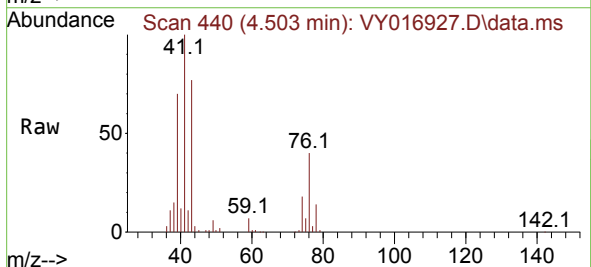
Instrument :
MSVOA_Y
ClientSampleId :

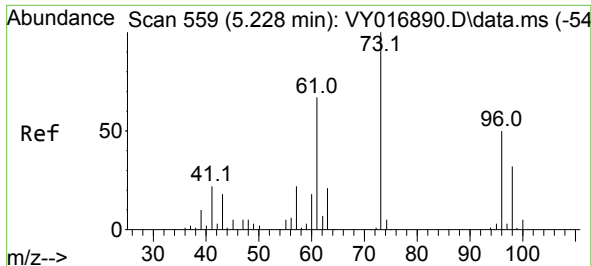
Tgt Ion: 76 Resp: 147891
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 54.880 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 43 Resp: 73755
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6

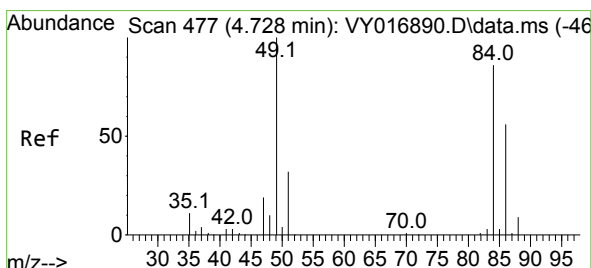
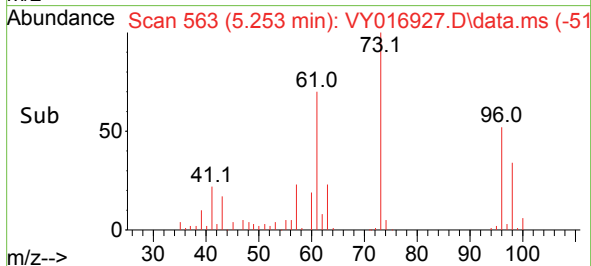
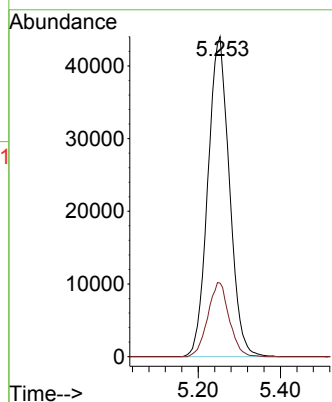
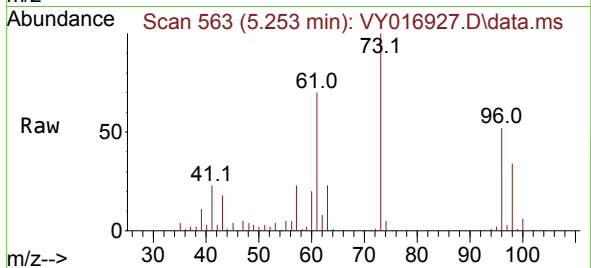




#19
Methyl tert-butyl Ether
Concen: 50.811 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

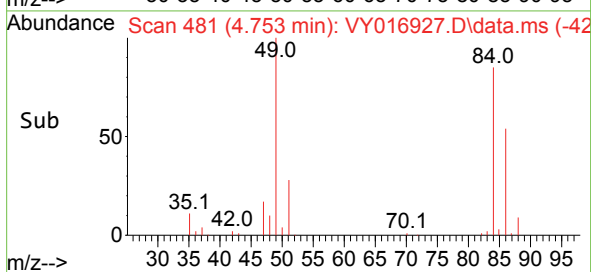
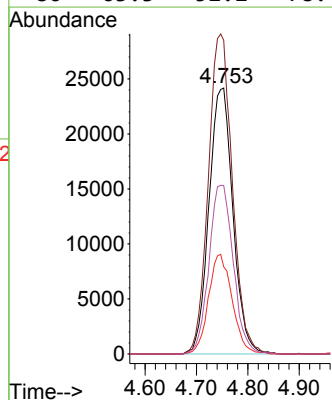
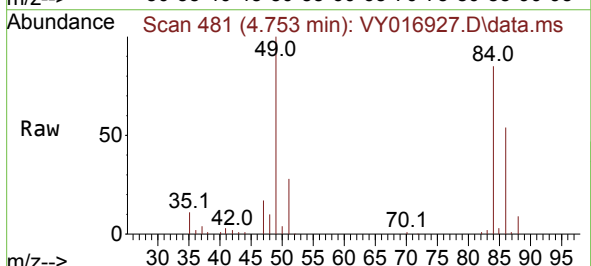
Instrument :
MSVOA_Y
ClientSampleId :

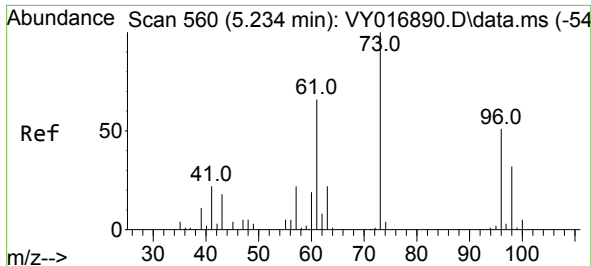
Tgt Ion: 73 Resp: 159802
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 48.045 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 84 Resp: 78371
Ion Ratio Lower Upper
84 100
49 118.0 95.2 142.8
51 32.8 29.9 44.9
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 52.647 ug/l

RT: 5.253 min Scan# 51

Delta R.T. 0.013 min

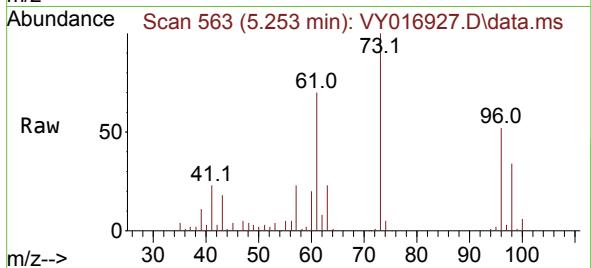
Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :



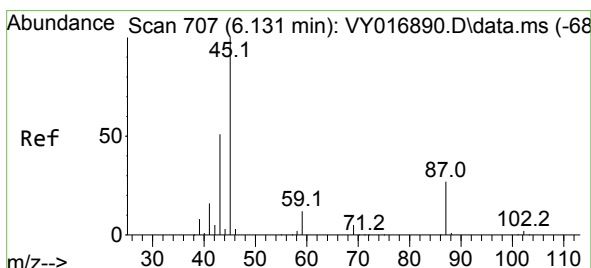
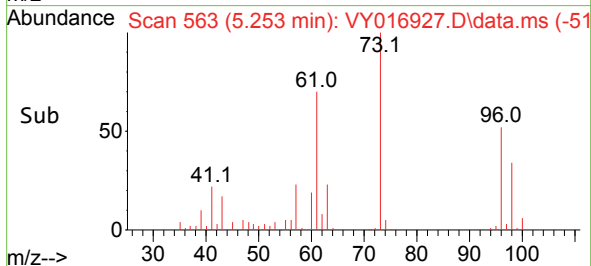
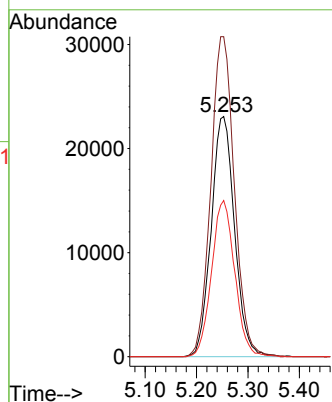
Tgt Ion: 96 Resp: 72891

Ion Ratio Lower Upper

96 100

61 133.2 104.6 156.8

98 65.0 50.9 76.3



#22

Diisopropyl ether

Concen: 54.248 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Tgt Ion: 45 Resp: 239679

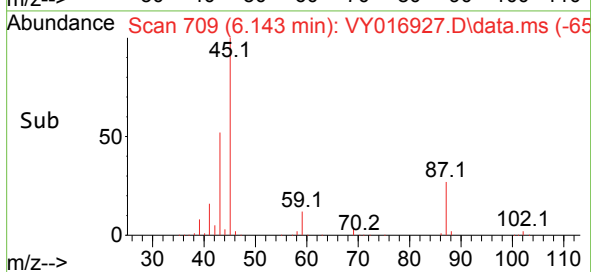
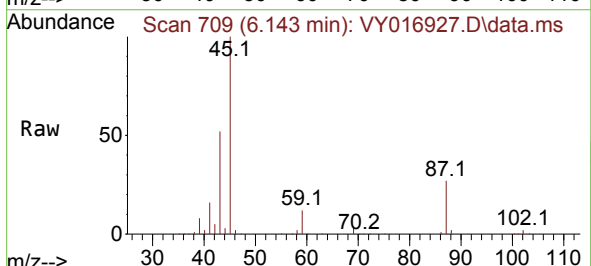
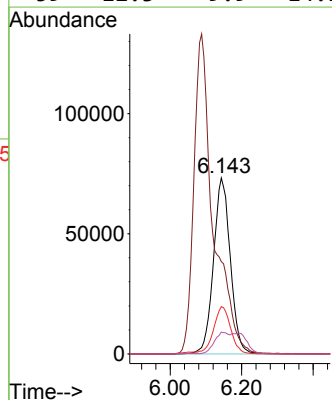
Ion Ratio Lower Upper

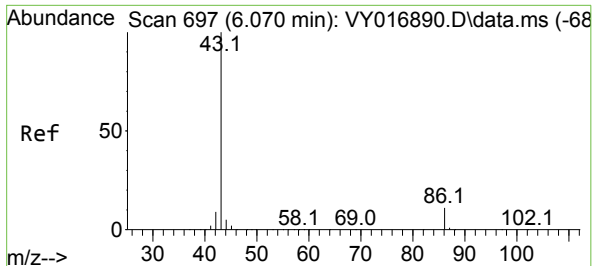
45 100

43 52.2 46.8 70.2

87 26.9 22.2 33.2

59 12.3 9.9 14.9

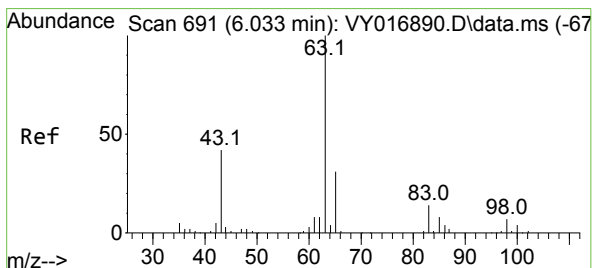
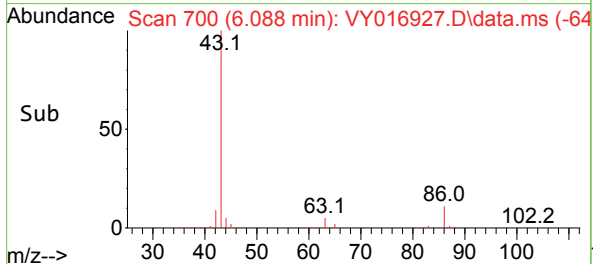
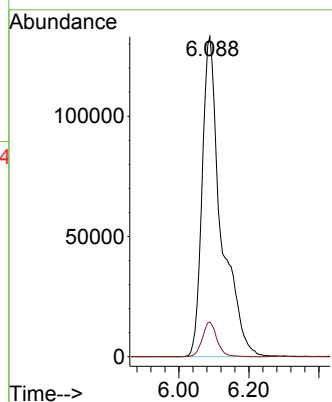
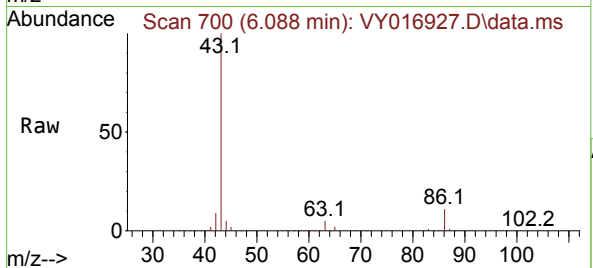




#23
 Vinyl Acetate
 Concen: 248.120 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

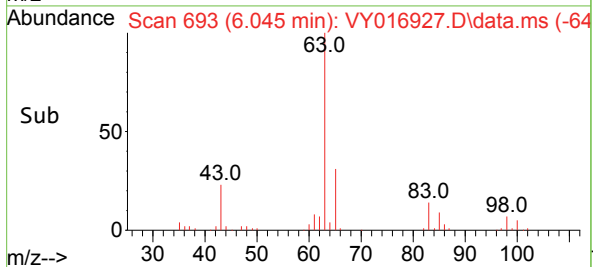
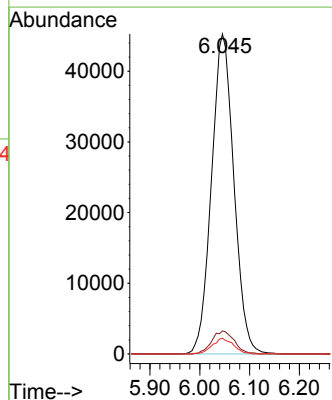
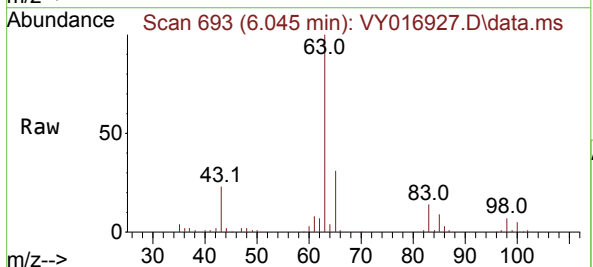
Instrument :
 MSVOA_Y
 ClientSampleId :

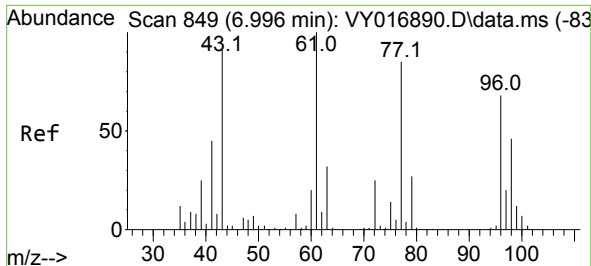
Tgt Ion: 43 Resp: 502652
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.155 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

Tgt Ion: 63 Resp: 141128
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 237.536 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

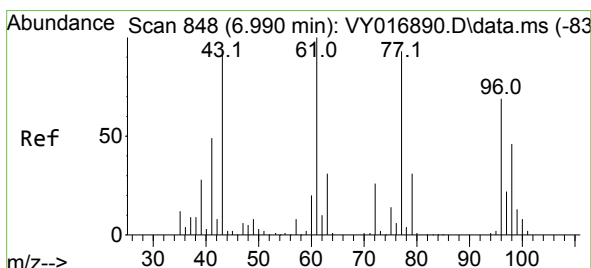
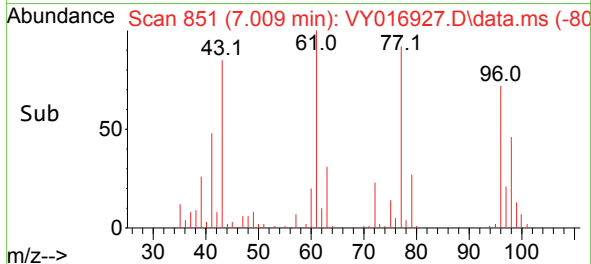
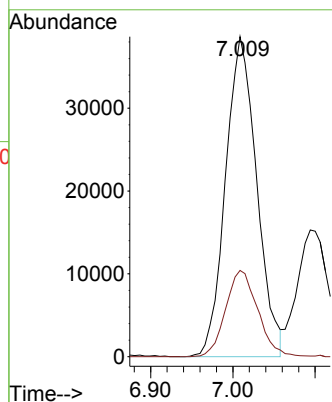
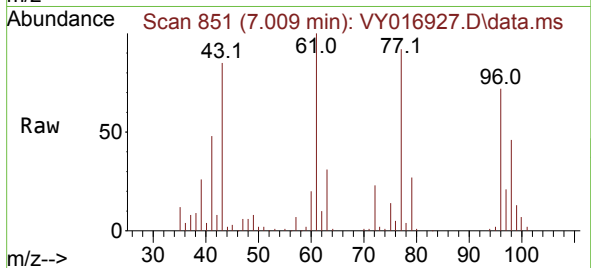
ClientSampleId :

Tgt Ion: 43 Resp: 101891

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 53.834 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY016927.D

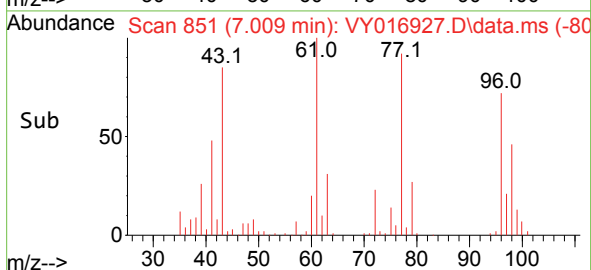
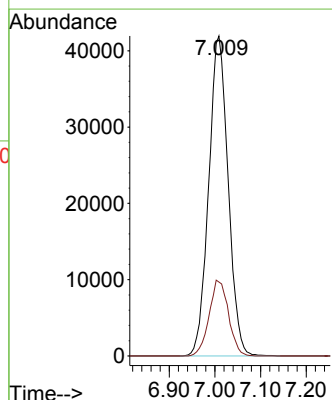
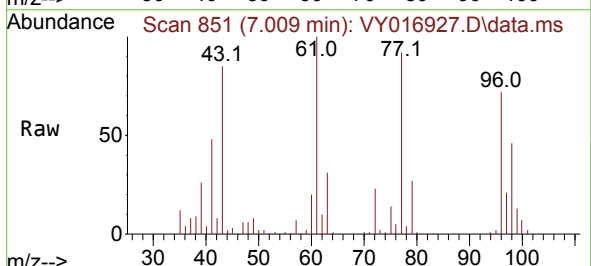
Acq: 08 Jan 2024 10:04

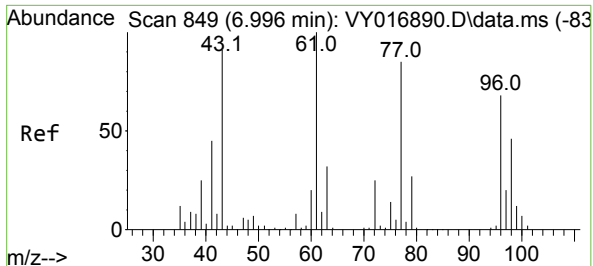
Tgt Ion: 77 Resp: 123928

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.940 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

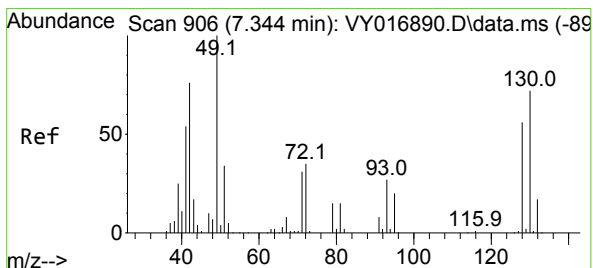
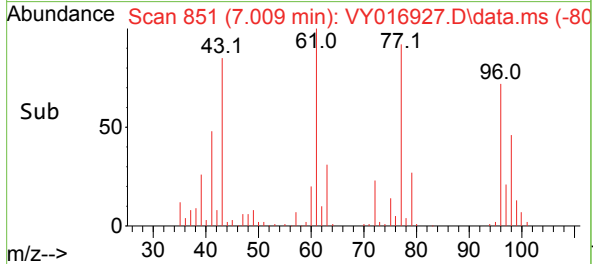
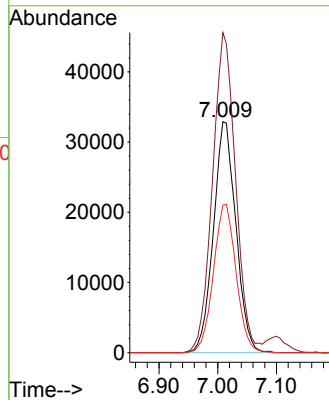
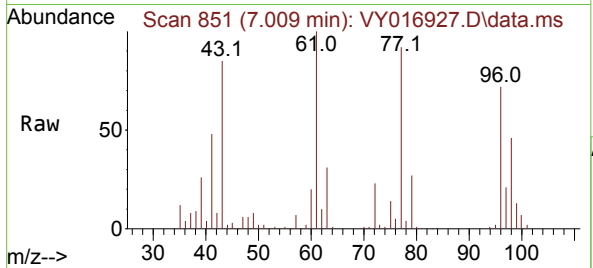
Tgt Ion: 96 Resp: 87543

Ion Ratio Lower Upper

96 100

61 142.0 0.0 278.8

98 64.7 0.0 127.0



#28

Bromochloromethane

Concen: 58.174 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

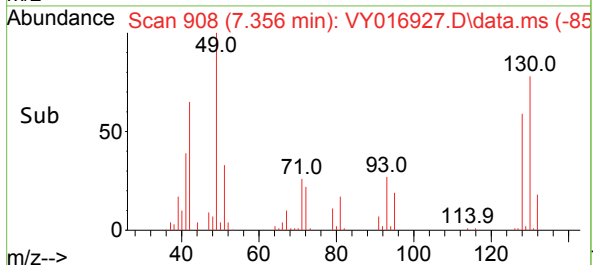
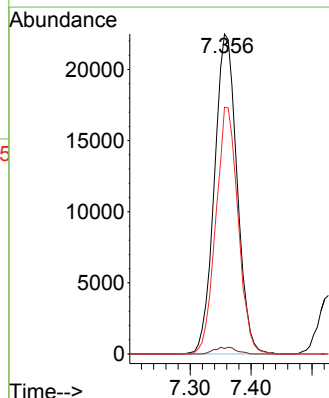
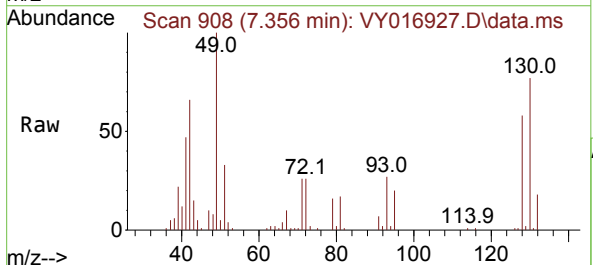
Tgt Ion: 49 Resp: 57985

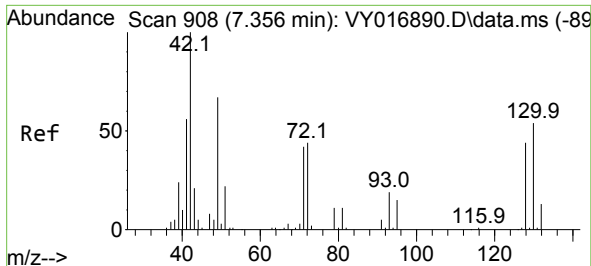
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 75.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 239.470 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

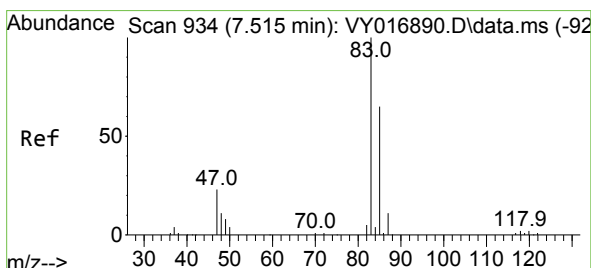
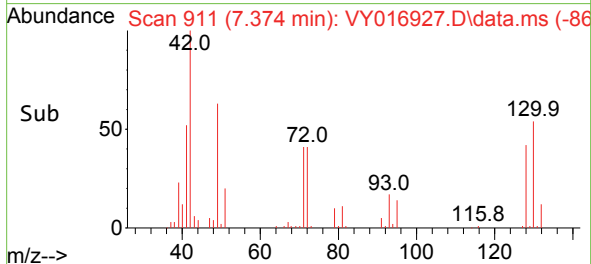
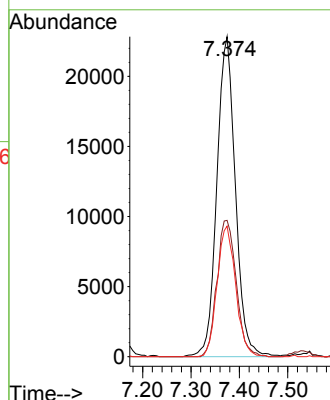
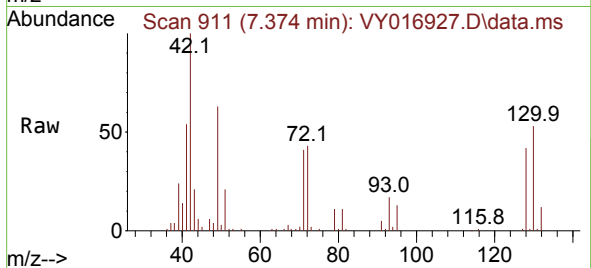
Tgt Ion: 42 Resp: 60799

Ion Ratio Lower Upper

42 100

72 44.4 36.6 54.8

71 40.8 33.8 50.6



#30

Chloroform

Concen: 52.754 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016927.D

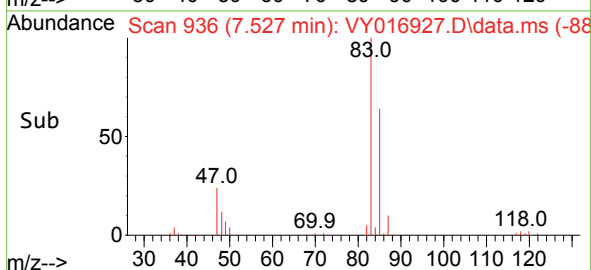
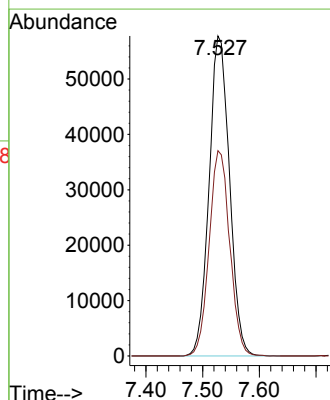
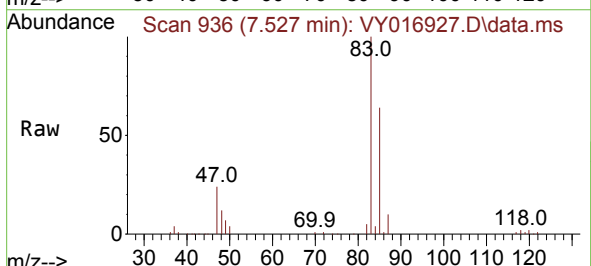
Acq: 08 Jan 2024 10:04

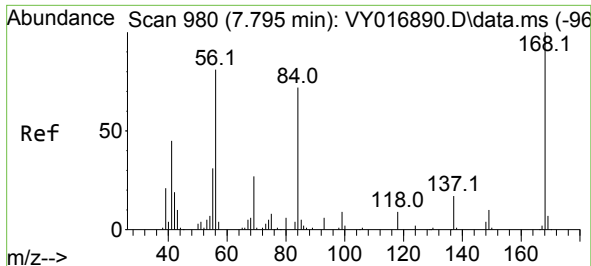
Tgt Ion: 83 Resp: 144339

Ion Ratio Lower Upper

83 100

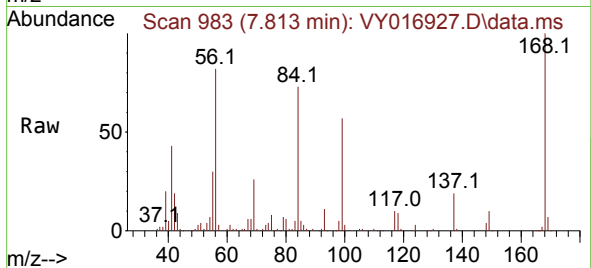
85 64.2 51.2 76.8



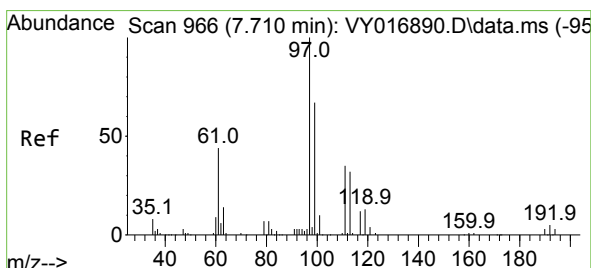
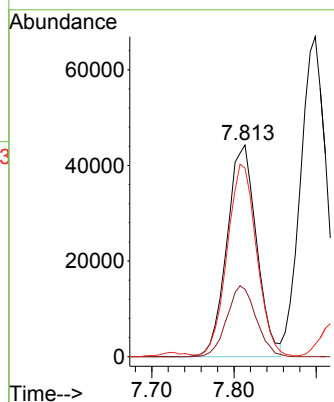
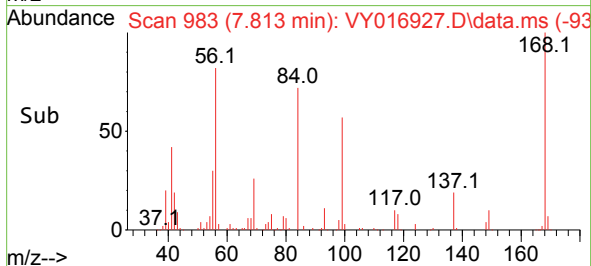


#31
Cyclohexane
Concen: 51.564 ug/l
RT: 7.813 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Instrument :
MSVOA_Y
ClientSampleId :

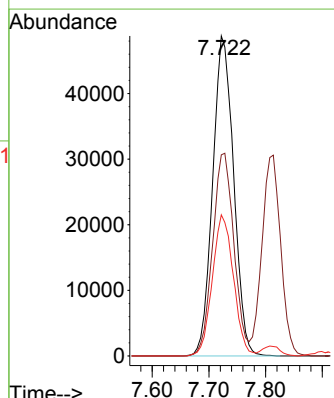
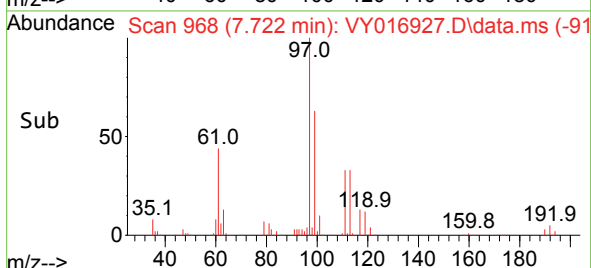
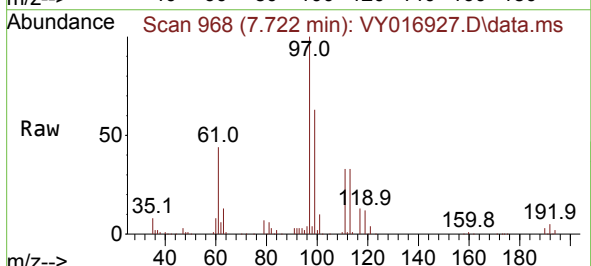


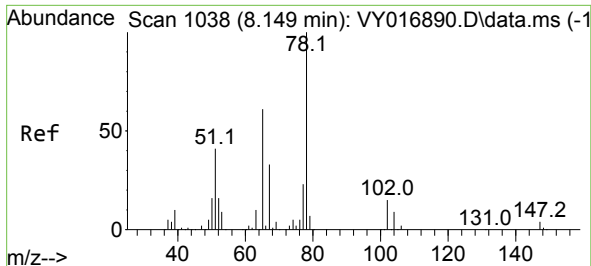
Tgt Ion: 56 Resp: 111016
Ion Ratio Lower Upper
56 100
69 31.9 27.0 40.6
84 87.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.987 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 97 Resp: 125244
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.940 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

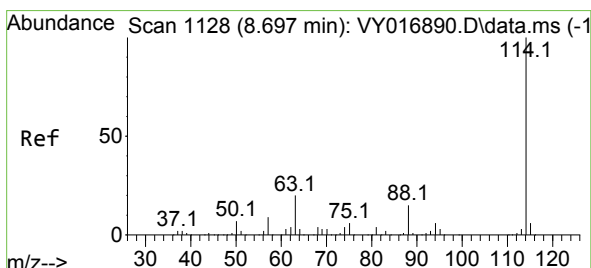
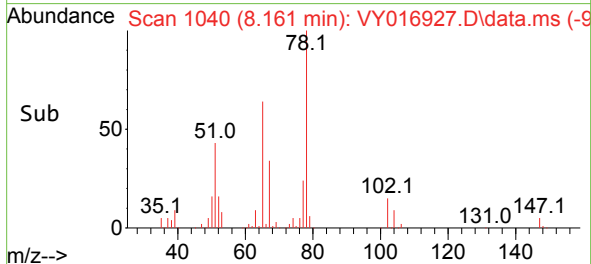
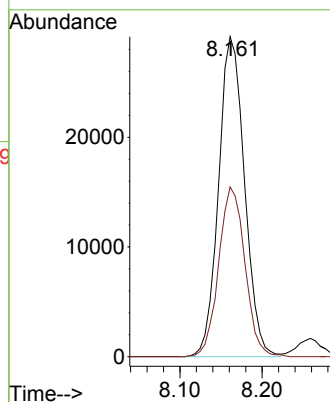
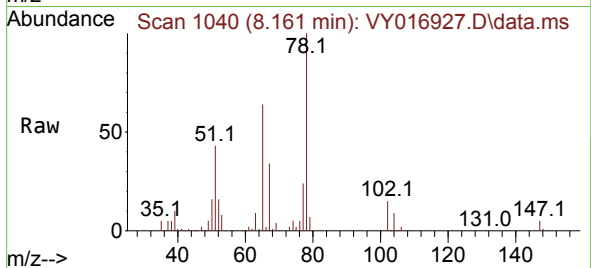
ClientSampleId :

Tgt Ion: 65 Resp: 63900

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

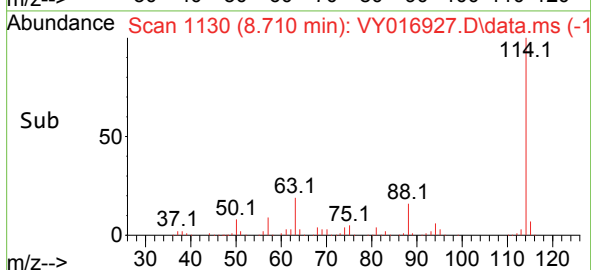
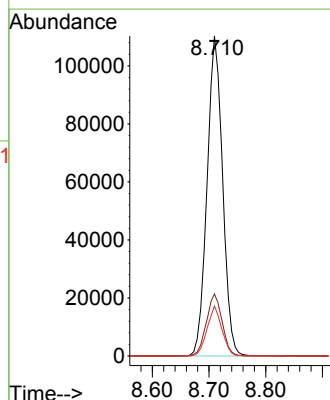
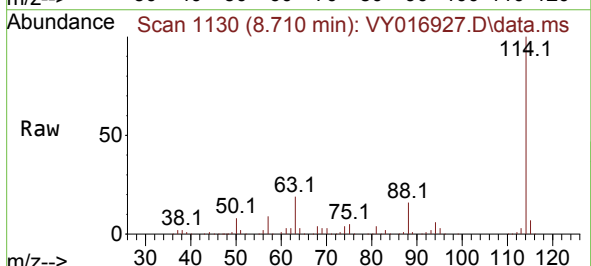
Tgt Ion:114 Resp: 209961

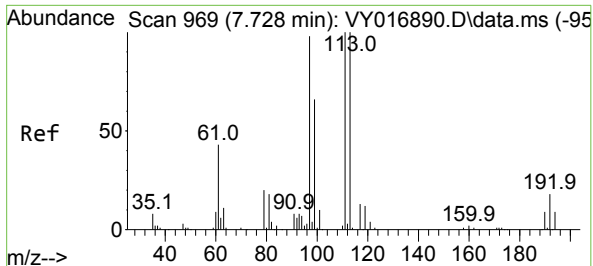
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

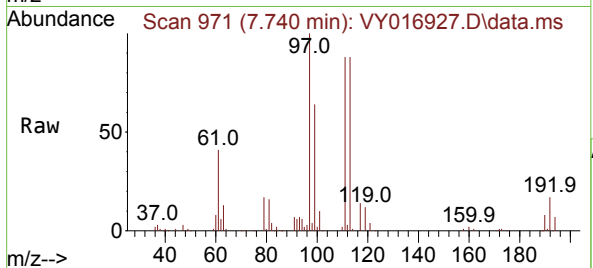
88 15.6 0.0 29.0



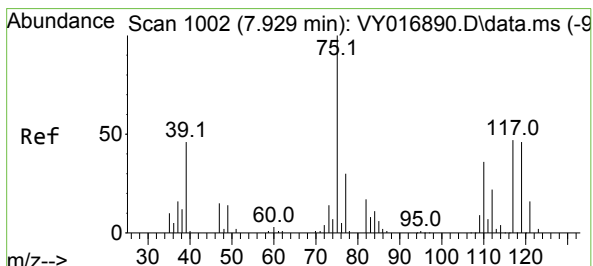
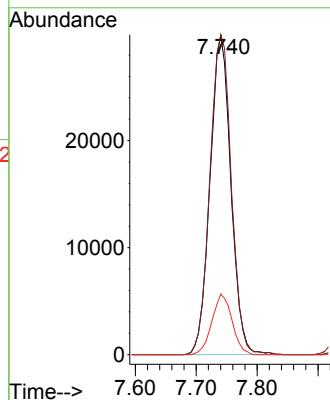
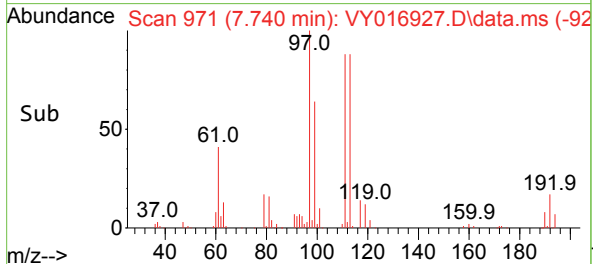


#35
 Dibromofluoromethane
 Concen: 52.978 ug/l
 RT: 7.740 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

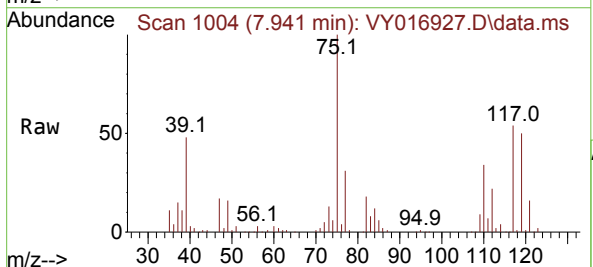
Instrument :
 MSVOA_Y
 ClientSampleId :



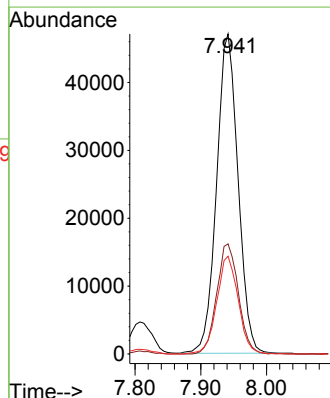
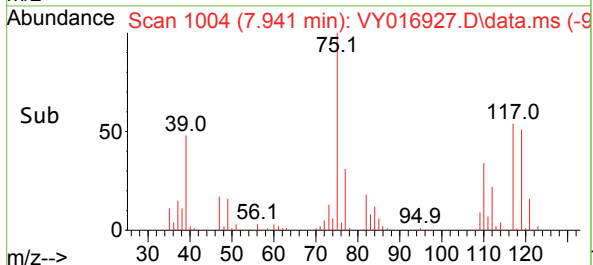
Tgt Ion:113 Resp: 70882
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.8 125.6
 192 18.4 14.5 21.7

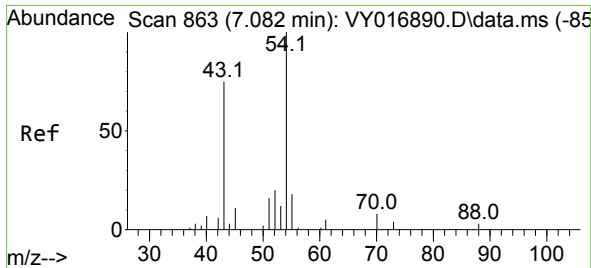


#36
 1,1-Dichloropropene
 Concen: 54.757 ug/l
 RT: 7.941 min Scan# 1004
 Delta R.T. 0.012 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04



Tgt Ion: 75 Resp: 106770
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.4 52.3
 77 30.6 24.7 37.1

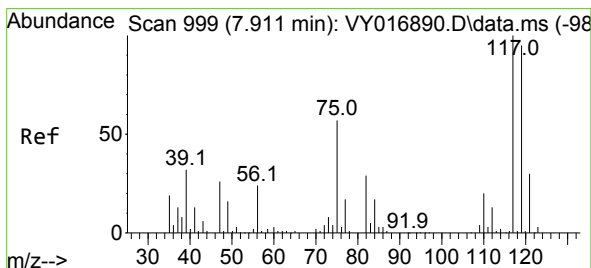
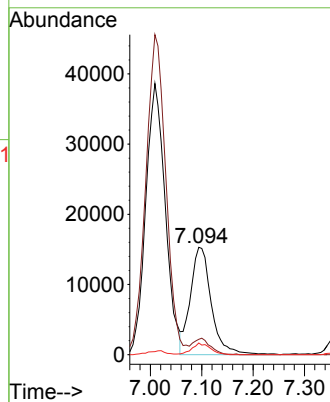
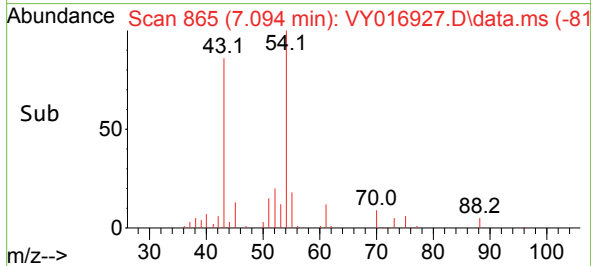
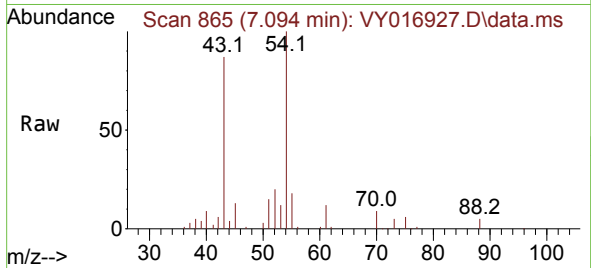




#37
Ethyl Acetate
Concen: 48.996 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

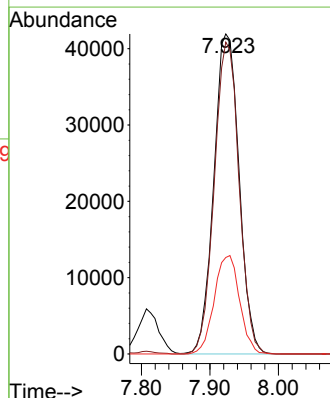
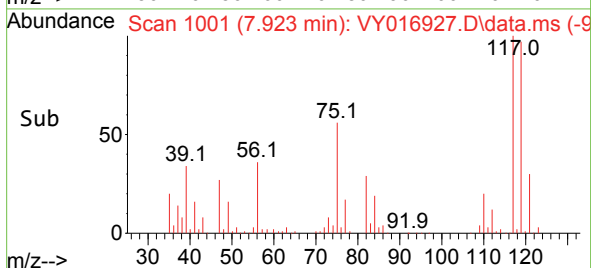
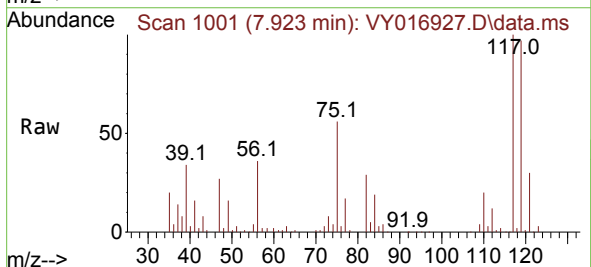
Instrument :
MSVOA_Y
ClientSampleId :

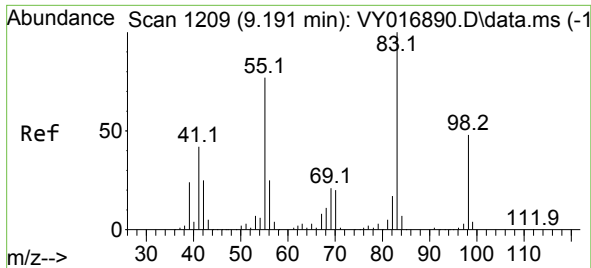
Tgt Ion: 43 Resp: 43415
Ion Ratio Lower Upper
43 100
61 12.4 11.0 16.6
70 9.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 54.128 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 117 Resp: 107230
Ion Ratio Lower Upper
117 100
119 97.4 76.0 114.0
121 30.1 24.2 36.2

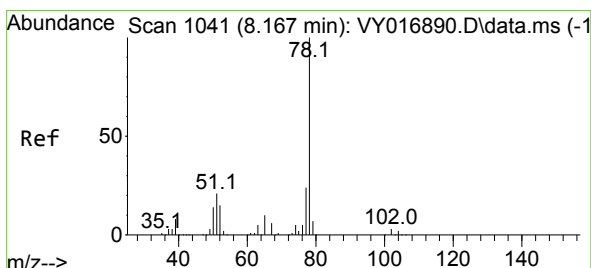
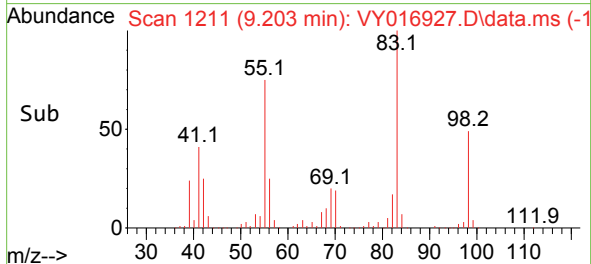
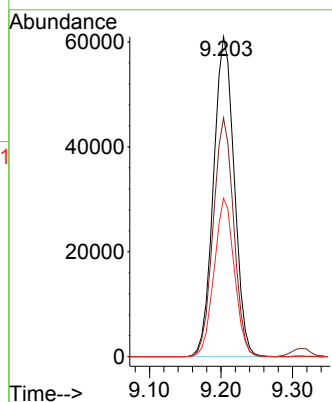
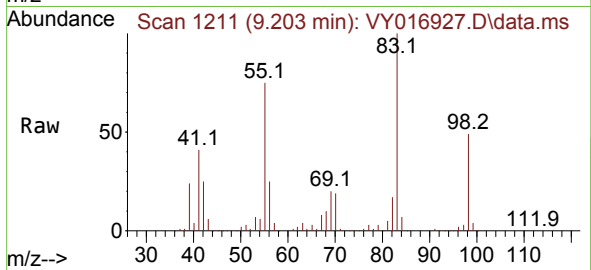




#39
Methylcyclohexane
Concen: 56.066 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

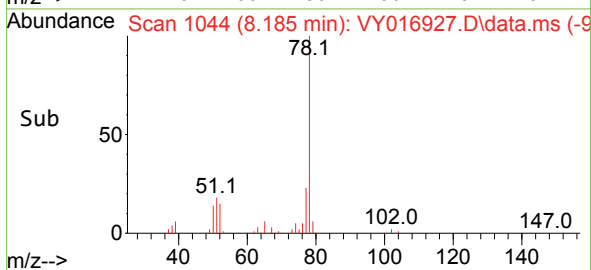
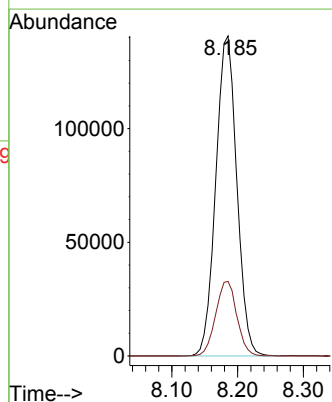
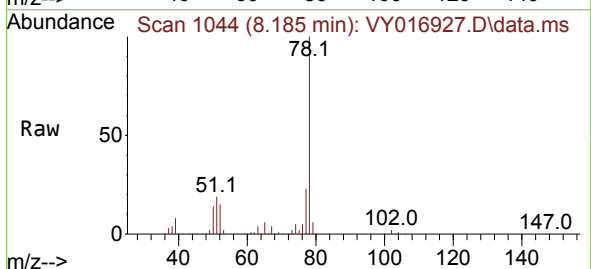
Instrument :
MSVOA_Y
ClientSampleId :

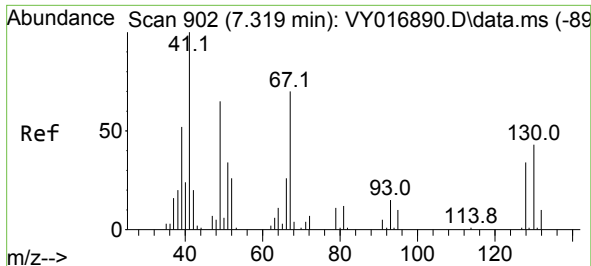
Tgt Ion: 83 Resp: 122897
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 49.5 38.0 57.0



#40
Benzene
Concen: 53.520 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 78 Resp: 313046
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



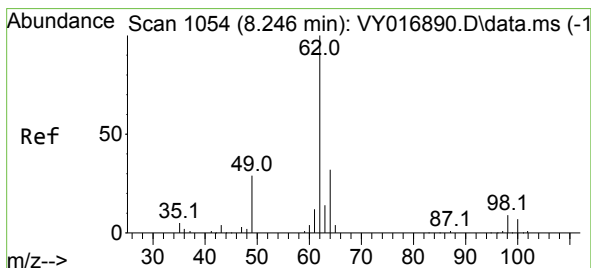
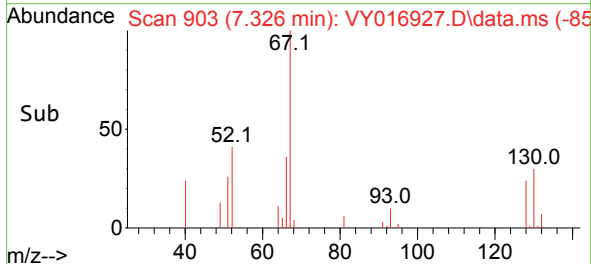
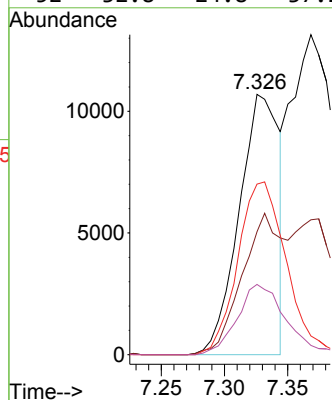
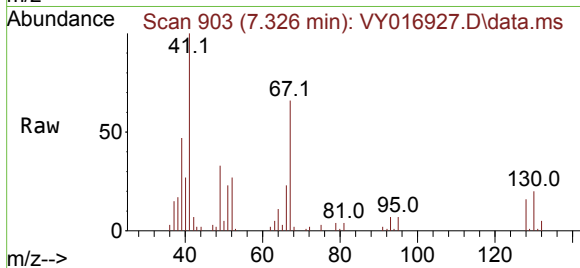


#41
Methacrylonitrile
Concen: 50.641 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 23633

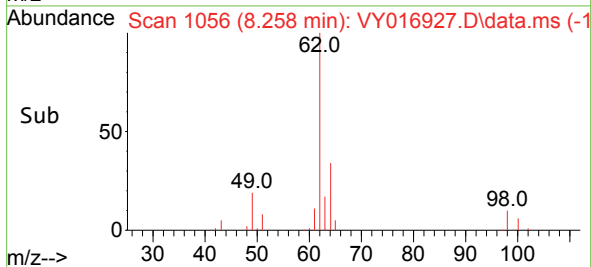
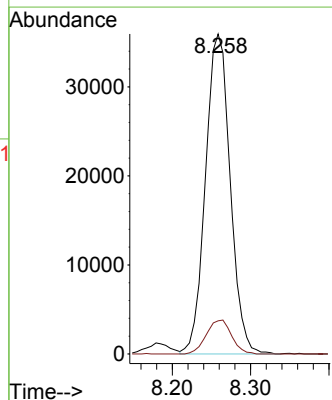
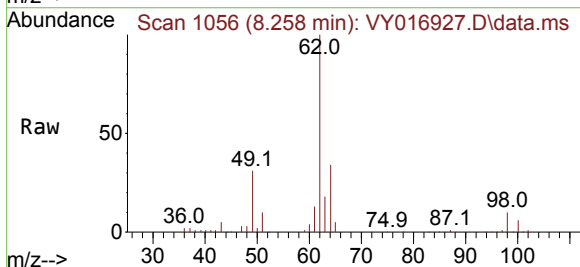
Ion	Ratio	Lower	Upper
41	100		
39	57.6	41.9	62.9
67	80.6	59.8	89.6
52	32.8	24.8	37.2

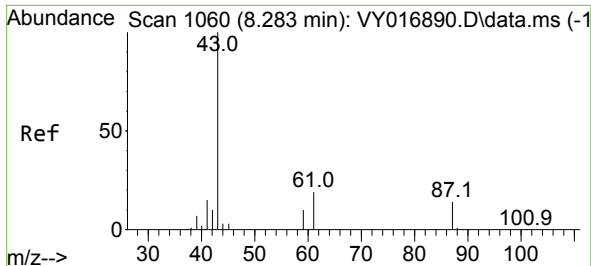


#42
1,2-Dichloroethane
Concen: 50.711 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 62 Resp: 78745

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.2

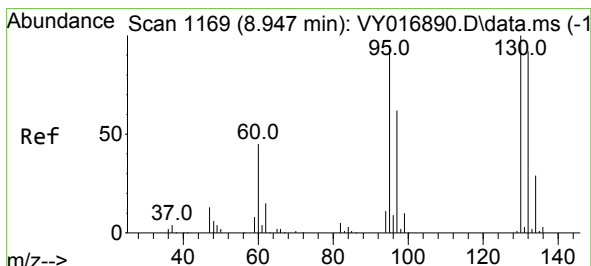
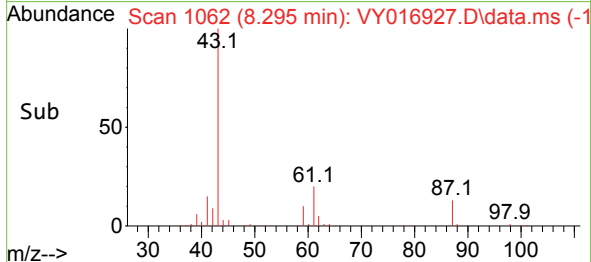
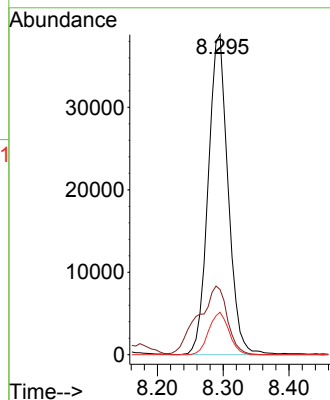
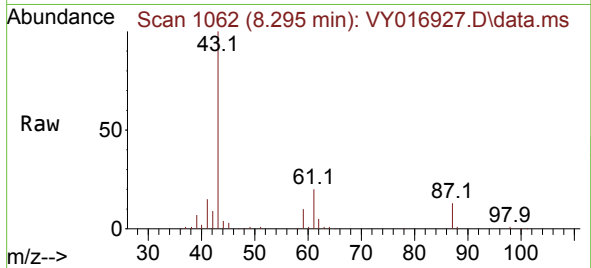




#43
Isopropyl Acetate
Concen: 48.111 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

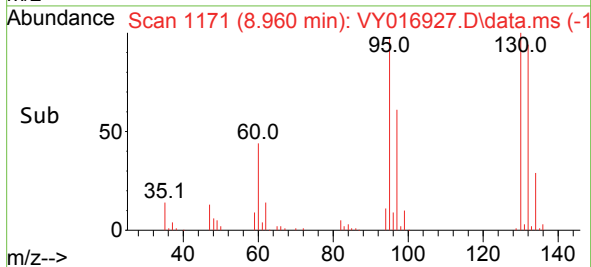
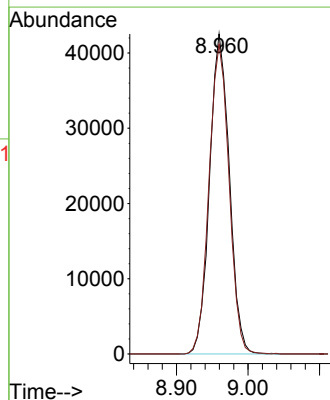
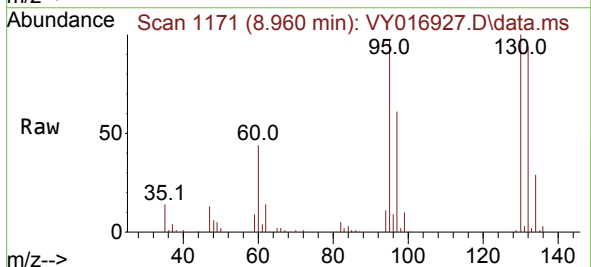
Instrument :
MSVOA_Y
ClientSampleId :

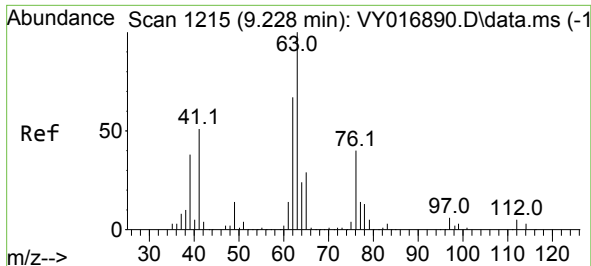
Tgt Ion: 43 Resp: 81637
Ion Ratio Lower Upper
43 100
61 31.4 24.8 37.2
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 54.878 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:130 Resp: 81679
Ion Ratio Lower Upper
130 100
95 96.7 0.0 203.8

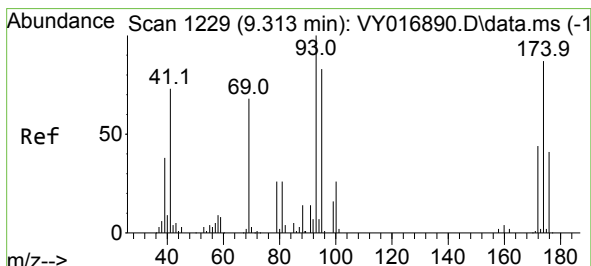
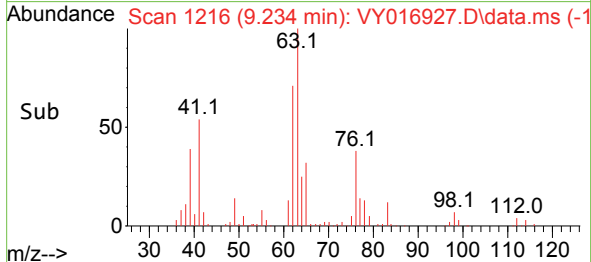
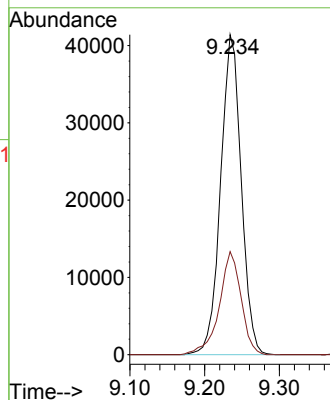
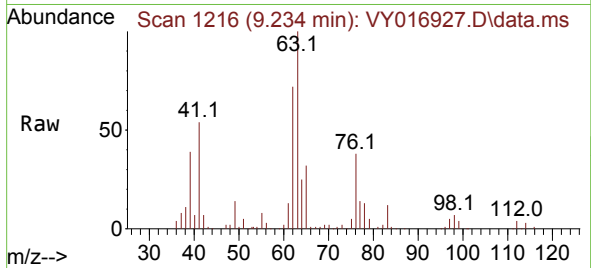




#45
1,2-Dichloropropane
Concen: 52.756 ug/l
RT: 9.234 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

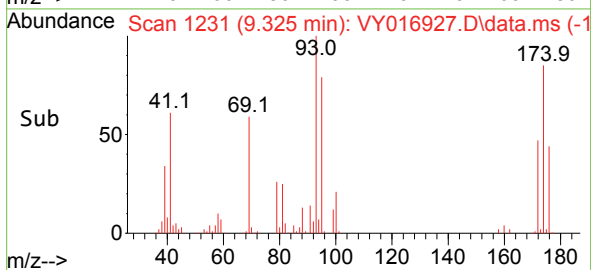
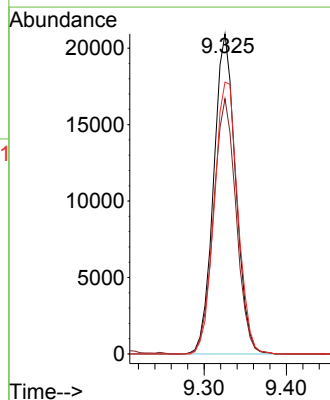
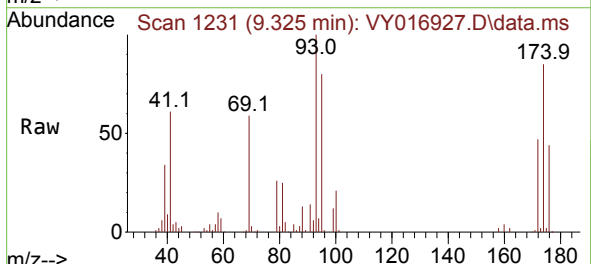
Instrument :
MSVOA_Y
ClientSampleId :

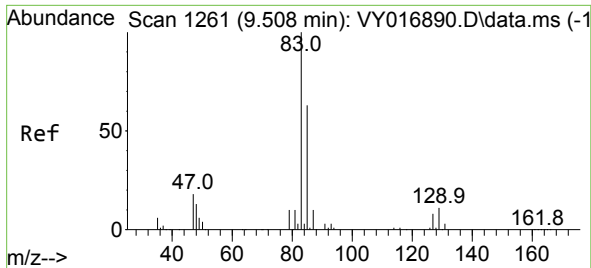
Tgt Ion: 63 Resp: 79498
Ion Ratio Lower Upper
63 100
65 32.2 24.6 36.8



#46
Dibromomethane
Concen: 50.709 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 93 Resp: 38971
Ion Ratio Lower Upper
93 100
95 81.9 66.6 99.8
174 90.5 73.8 110.6

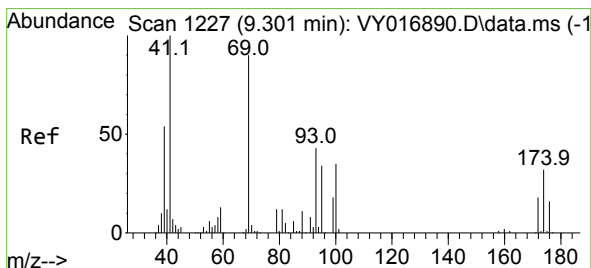
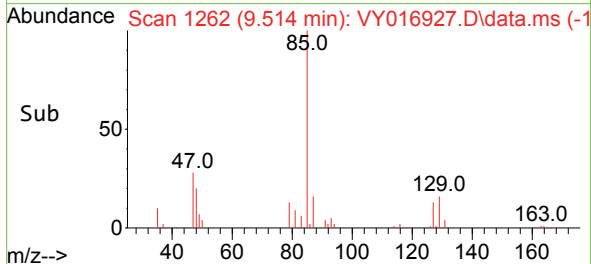
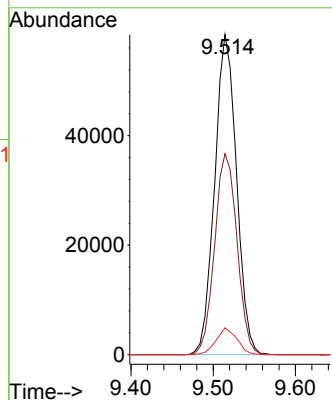
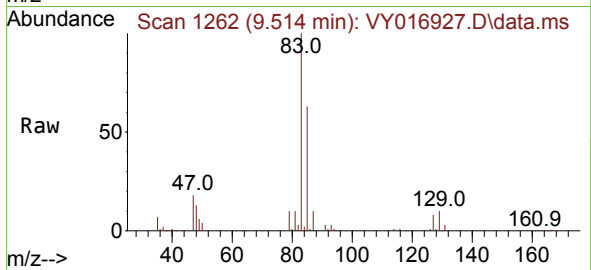




#47
Bromodichloromethane
Concen: 52.393 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

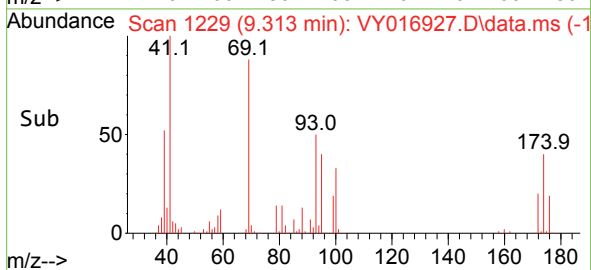
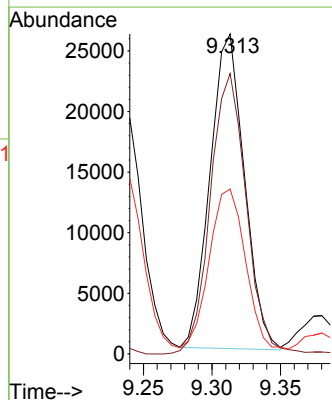
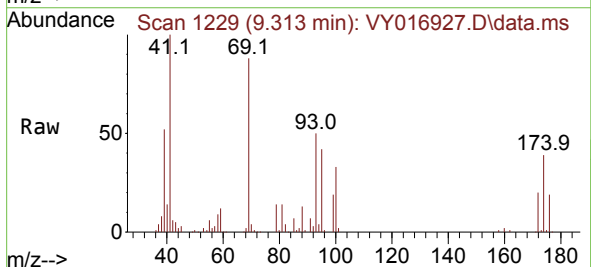
Instrument :
MSVOA_Y
ClientSampleId :

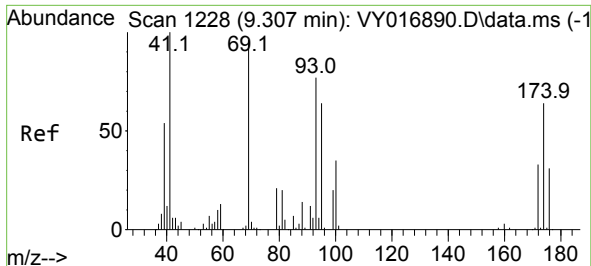
Tgt Ion: 83 Resp: 108124
Ion Ratio Lower Upper
83 100
85 62.8 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 49.329 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 41 Resp: 45173
Ion Ratio Lower Upper
41 100
69 93.5 72.1 108.1
39 57.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1005.600 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

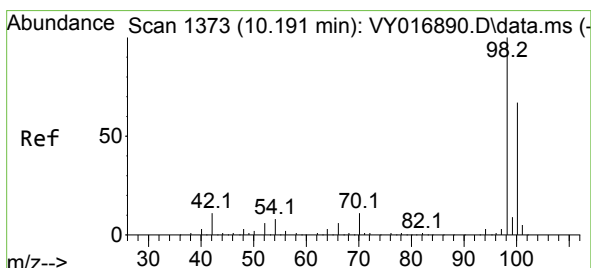
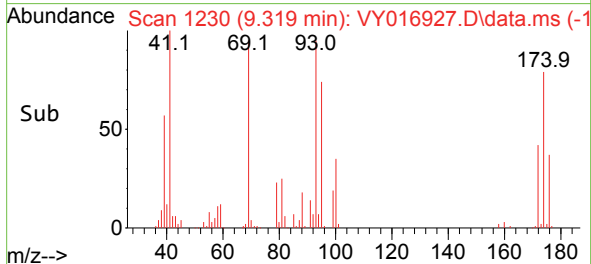
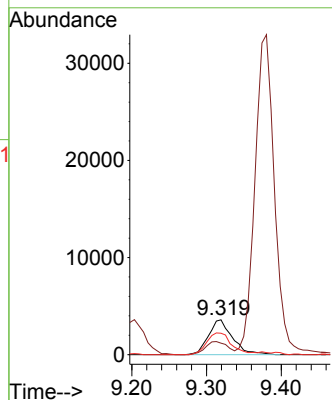
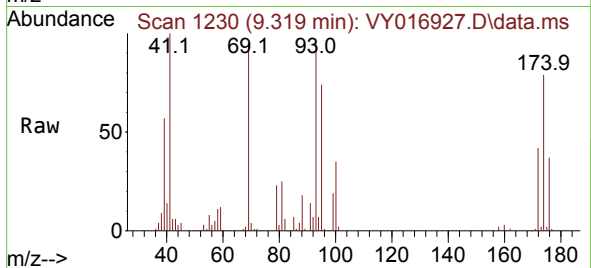
Tgt Ion: 88 Resp: 8002

Ion Ratio Lower Upper

88 100

43 35.2 28.2 42.4

58 65.8 52.2 78.2



#50

Toluene-d8

Concen: 55.523 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016927.D

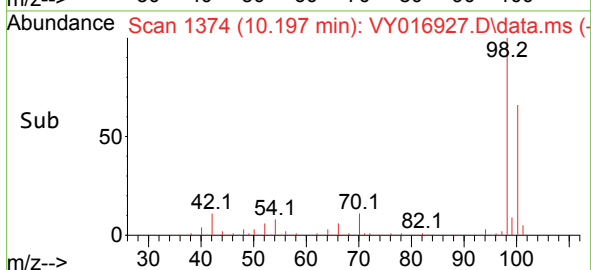
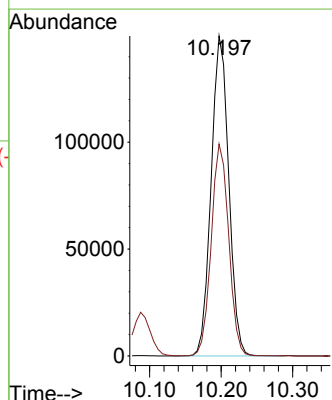
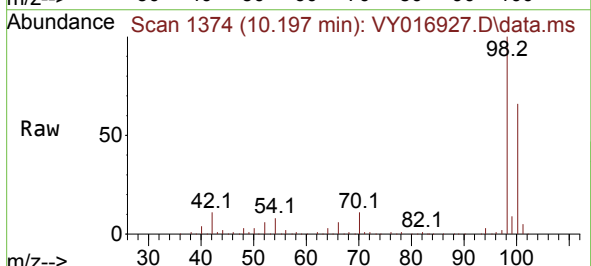
Acq: 08 Jan 2024 10:04

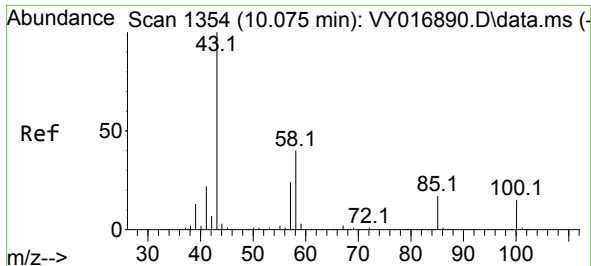
Tgt Ion: 98 Resp: 255810

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 245.027 ug/l

RT: 10.087 min Scan# 1356

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

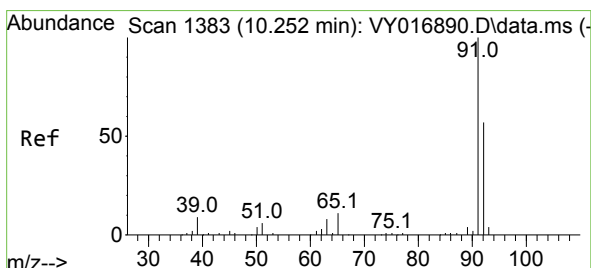
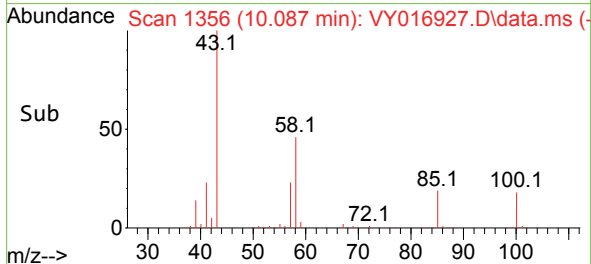
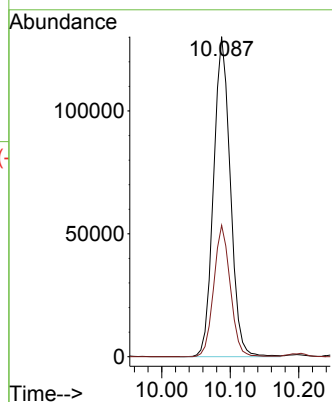
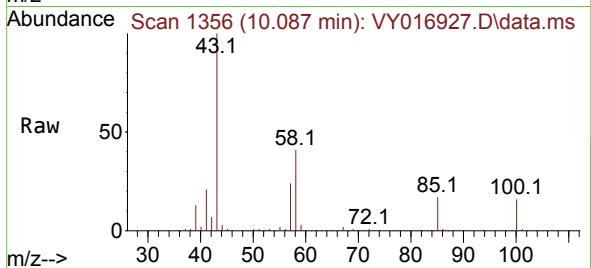
ClientSampleId :

Tgt Ion: 43 Resp: 221118

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.2



#52

Toluene

Concen: 54.775 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016927.D

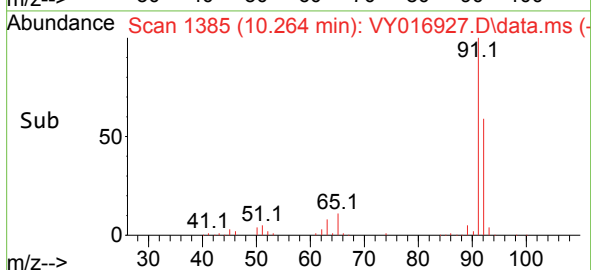
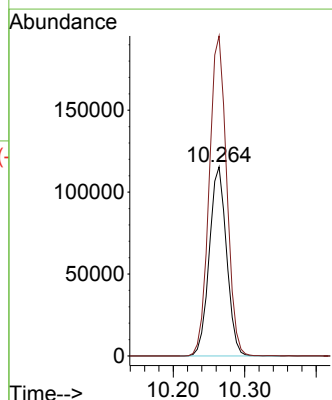
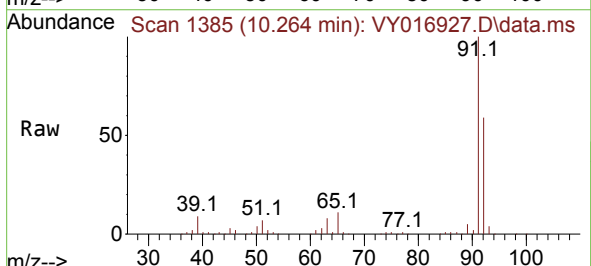
Acq: 08 Jan 2024 10:04

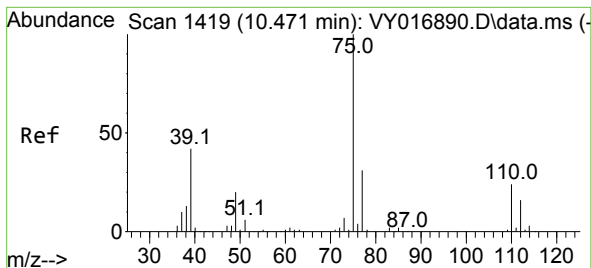
Tgt Ion: 92 Resp: 193357

Ion Ratio Lower Upper

92 100

91 171.2 137.6 206.4

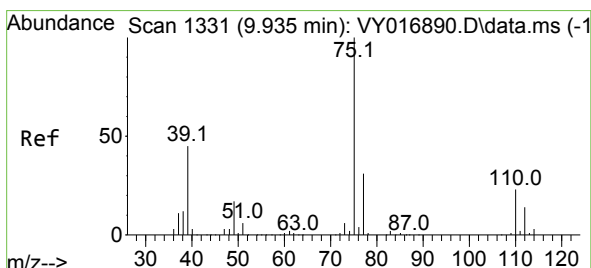
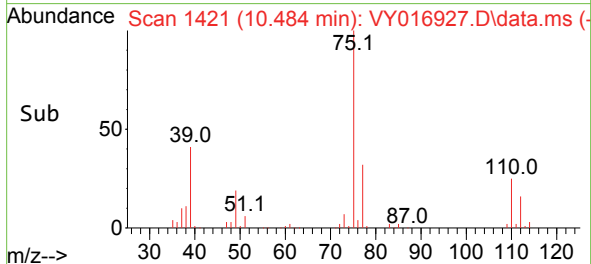
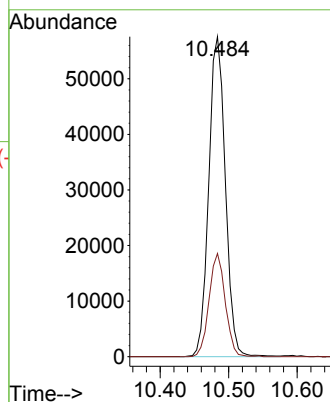
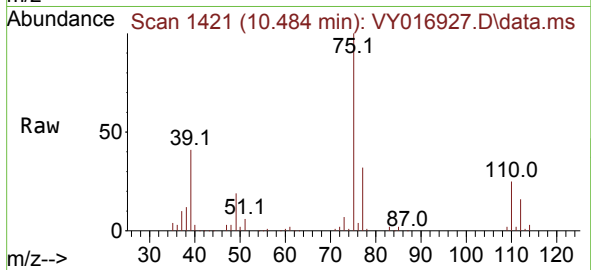




#53
 t-1,3-Dichloropropene
 Concen: 52.462 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

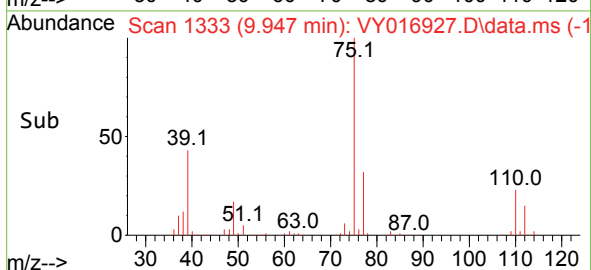
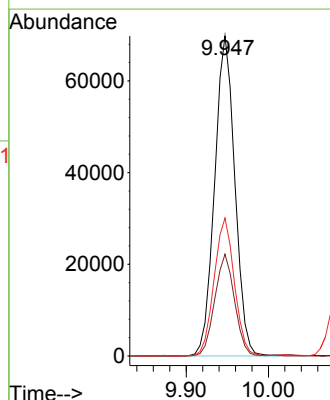
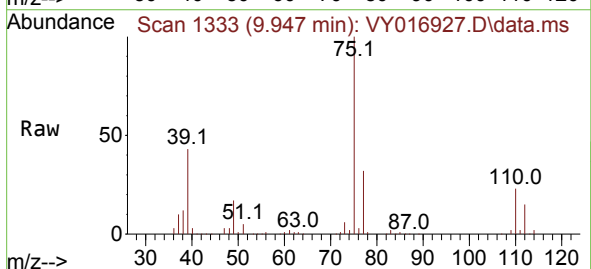
Instrument :
 MSVOA_Y
 ClientSampleId :

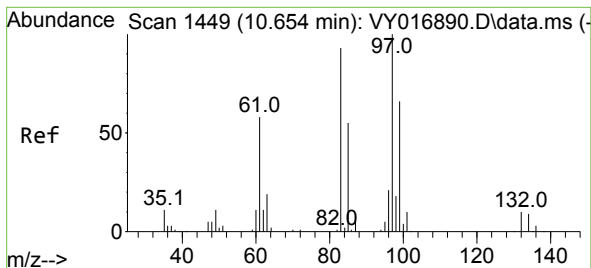
Tgt Ion: 75 Resp: 96978
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.772 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

Tgt Ion: 75 Resp: 119372
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 36.8
 39 43.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.764 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

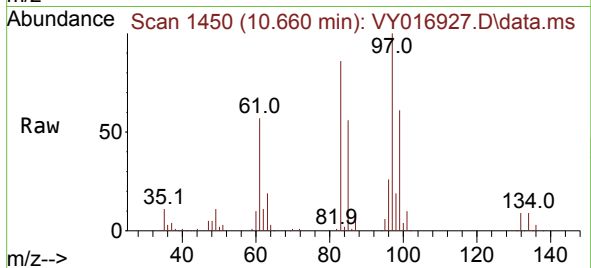
Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 56995

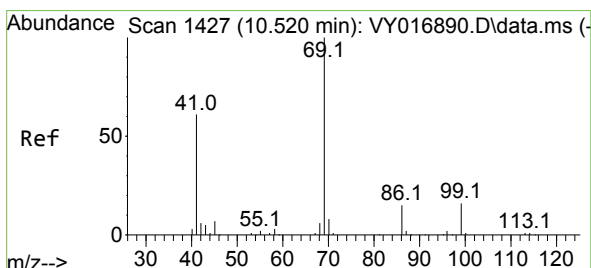
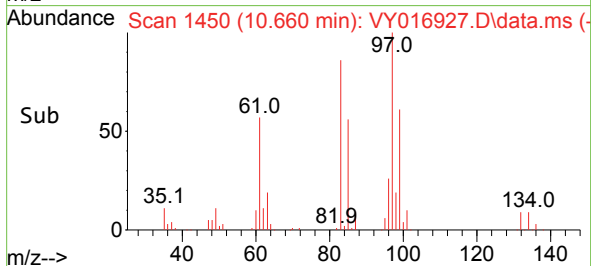
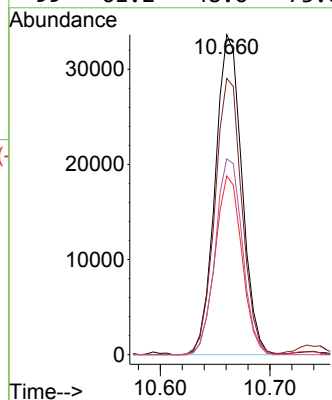
Ion Ratio Lower Upper

97 100

83 86.4 69.4 104.2

85 55.9 43.9 65.9

99 61.2 48.6 73.0



#56

Ethyl methacrylate

Concen: 51.995 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

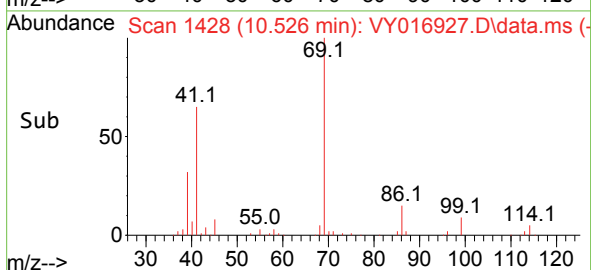
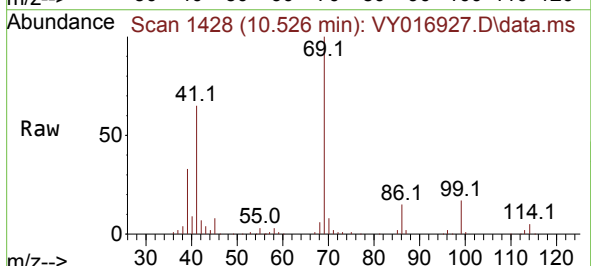
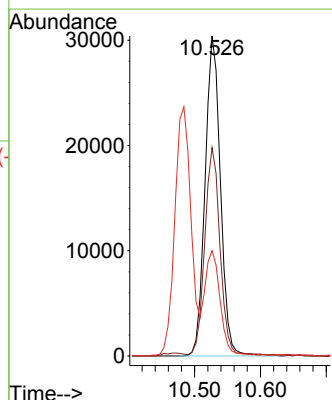
Tgt Ion: 69 Resp: 49446

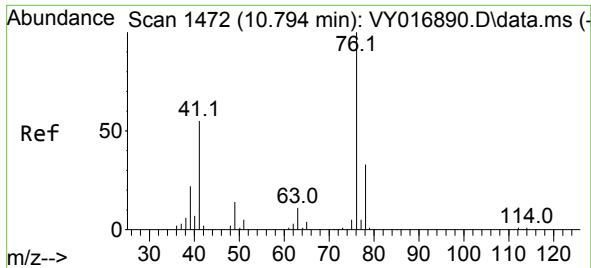
Ion Ratio Lower Upper

69 100

41 63.6 49.2 73.8

39 31.6 26.8 40.2

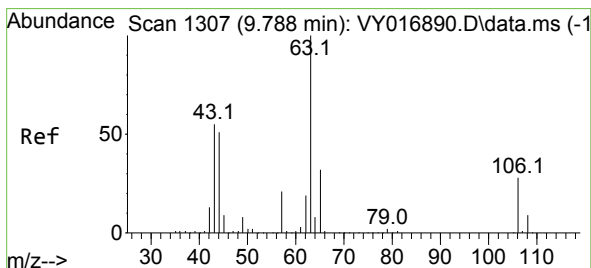
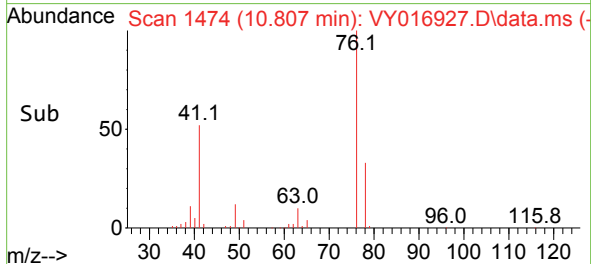
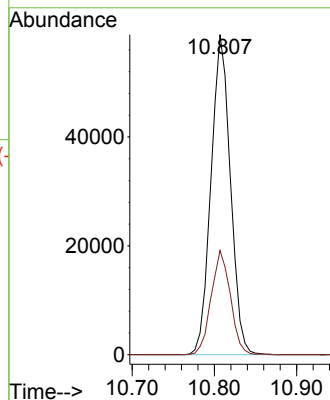
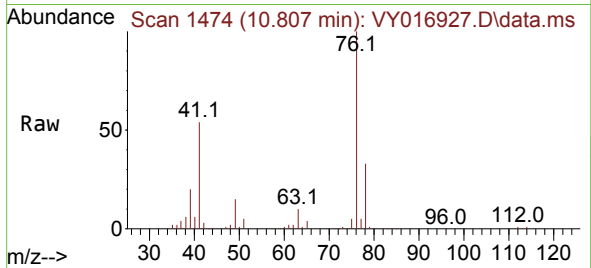




#57
 1,3-Dichloropropane
 Concen: 51.358 ug/l
 RT: 10.807 min Scan# 1474
 Delta R.T. 0.007 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

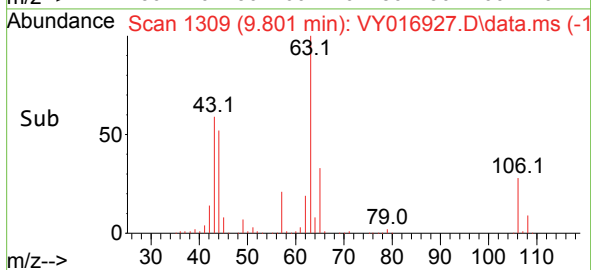
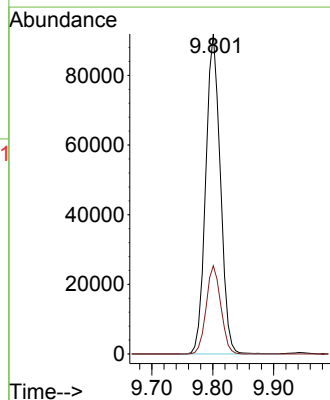
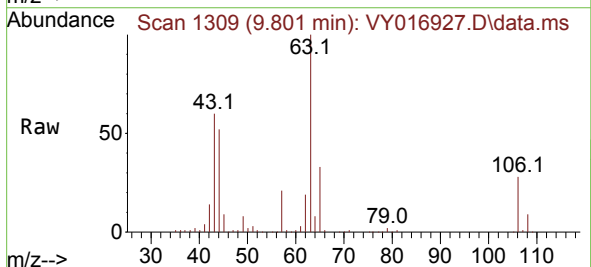
Instrument :
 MSVOA_Y
 ClientSampleId :

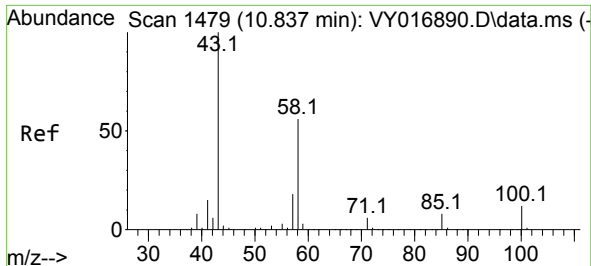
Tgt Ion: 76 Resp: 96272
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.681 ug/l
 RT: 9.801 min Scan# 1309
 Delta R.T. 0.013 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

Tgt Ion: 63 Resp: 153257
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.4 33.6

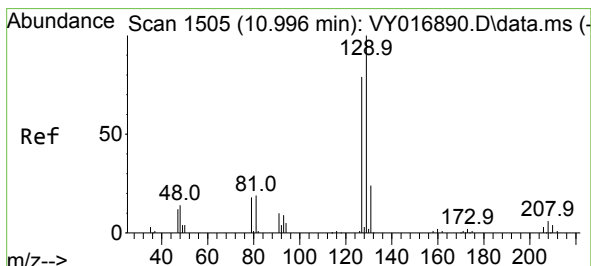
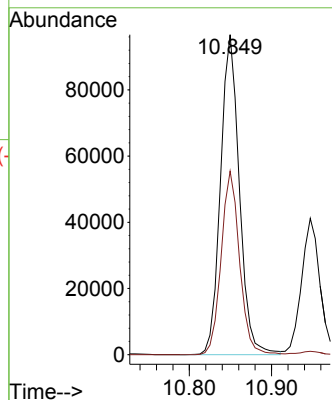
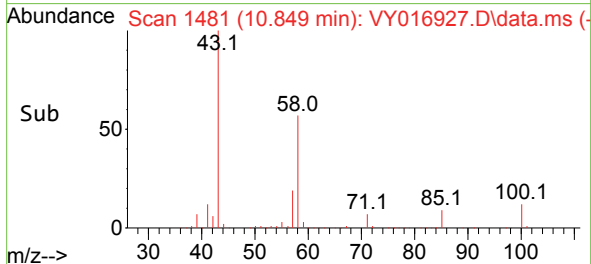
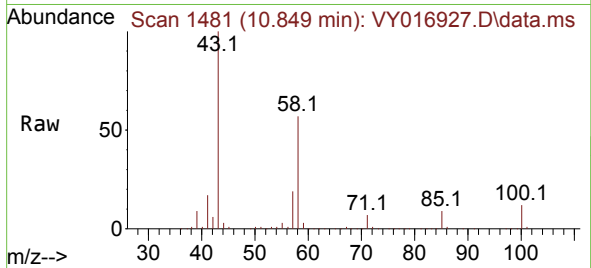




#59
2-Hexanone
Concen: 231.964 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

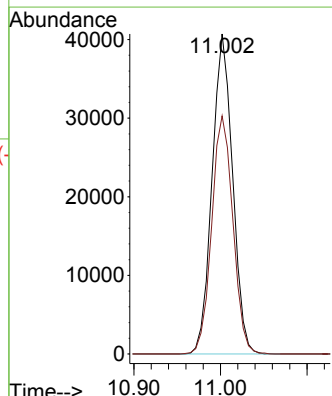
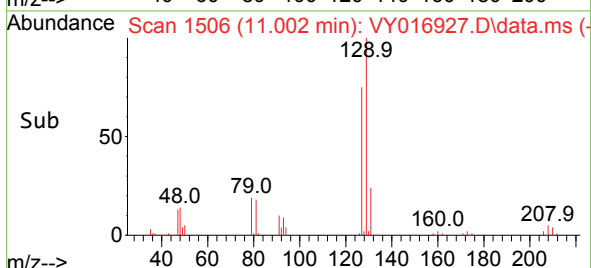
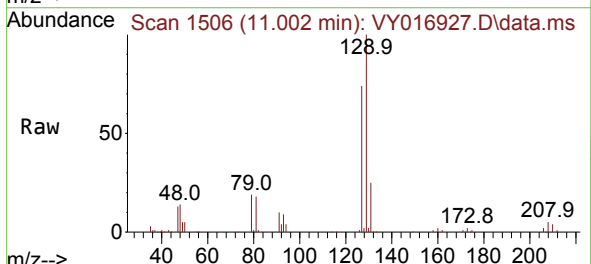
Instrument :
MSVOA_Y
ClientSampleId :

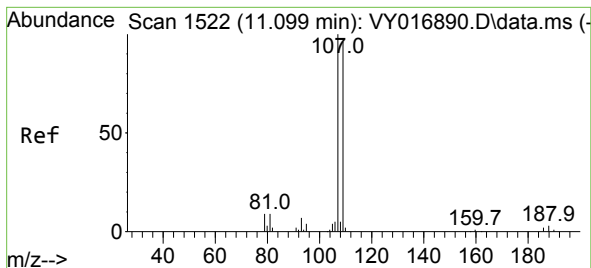
Tgt Ion: 43 Resp: 154136
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 51.713 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:129 Resp: 66956
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

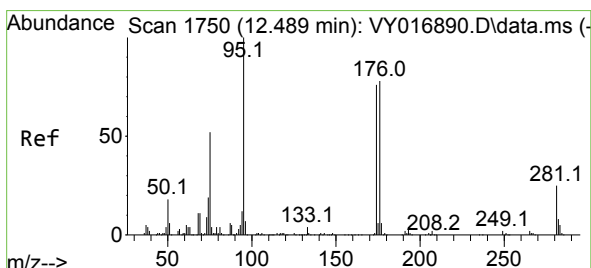
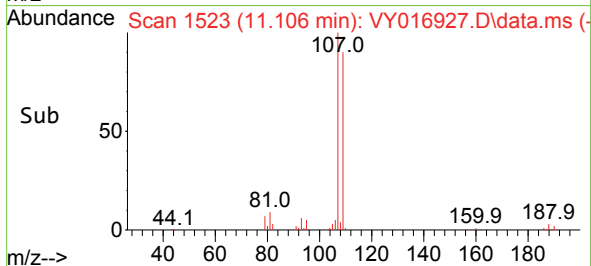
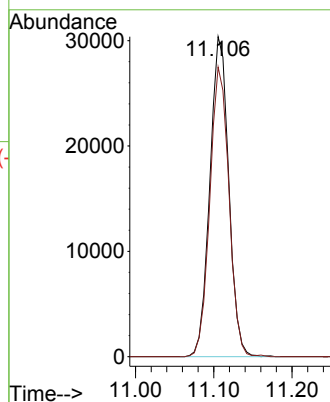
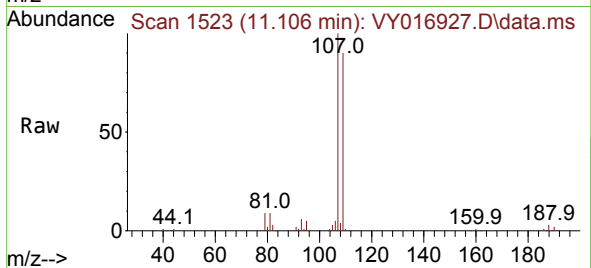




#61
1,2-Dibromoethane
Concen: 52.031 ug/l
RT: 11.106 min Scan# 1523
Delta R.T. 0.007 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

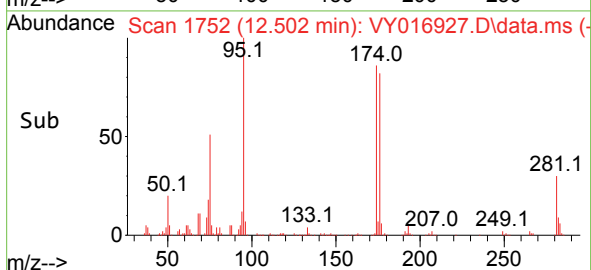
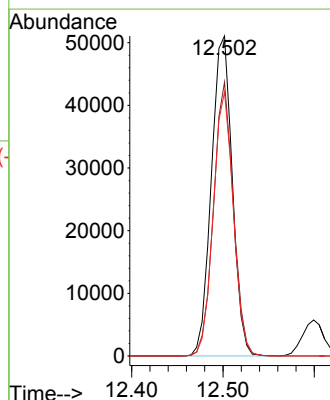
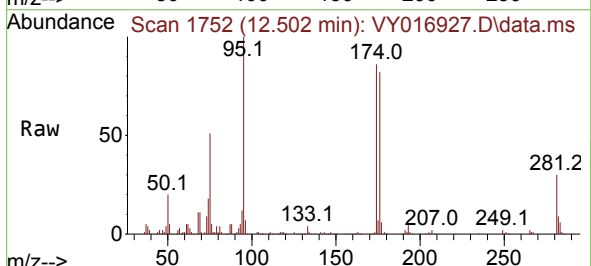
Instrument :
MSVOA_Y
ClientSampleId :

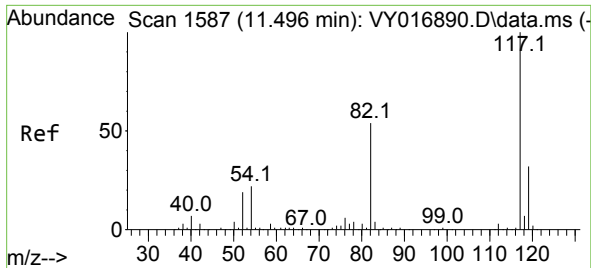
Tgt Ion:107 Resp: 50755
Ion Ratio Lower Upper
107 100
109 91.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.087 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 95 Resp: 80965
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.0
176 79.3 0.0 151.8

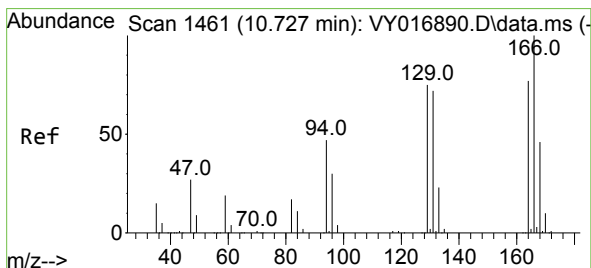
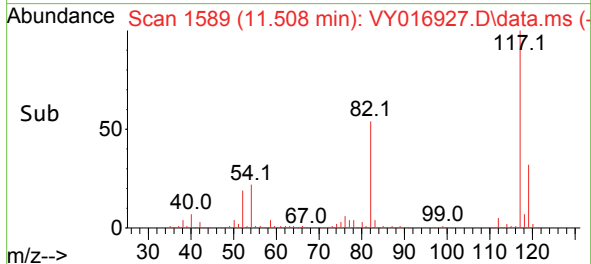
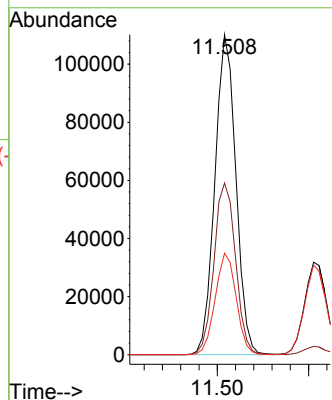
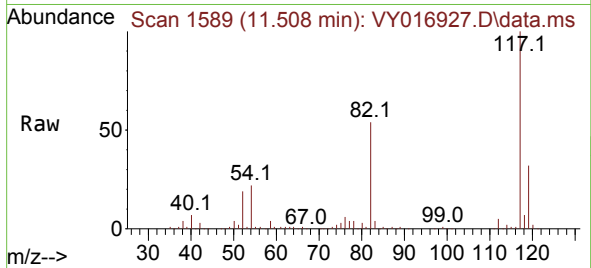




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

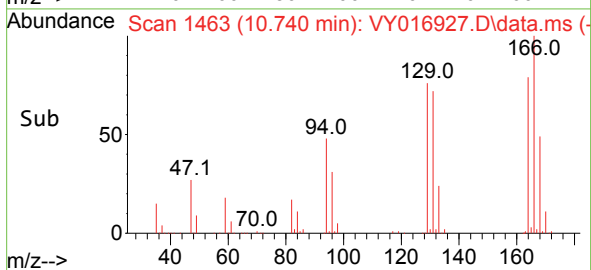
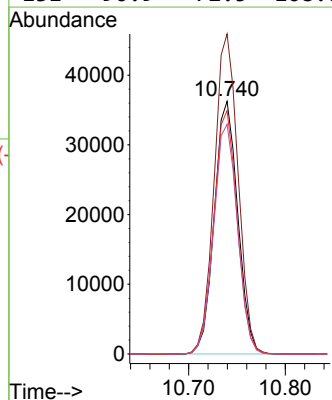
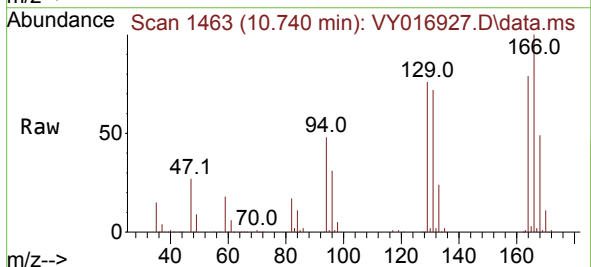
Instrument :
MSVOA_Y
ClientSampleId :

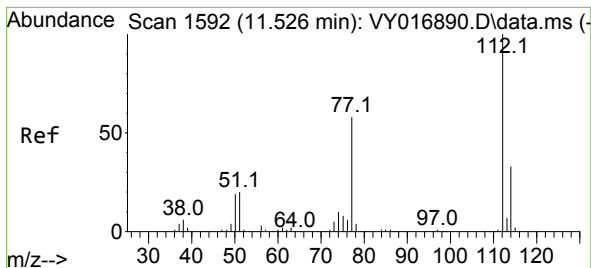
Tgt Ion:117 Resp: 176189
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 53.386 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:164 Resp: 60981
Ion Ratio Lower Upper
164 100
166 126.7 98.8 148.2
129 96.3 78.9 118.3
131 90.9 72.5 108.7

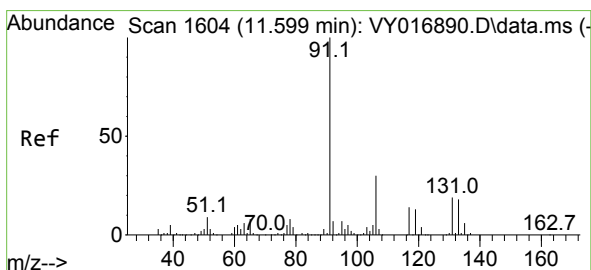
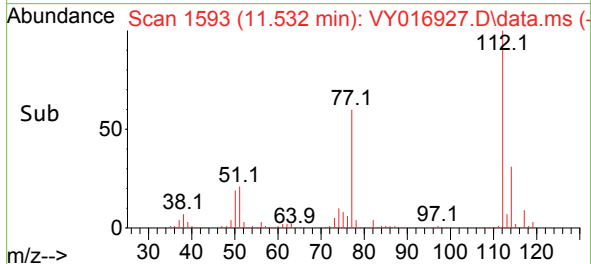
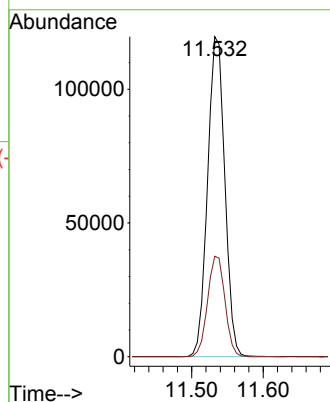
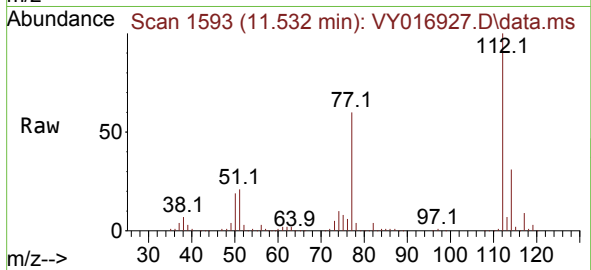




#65
Chlorobenzene
Concen: 54.548 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

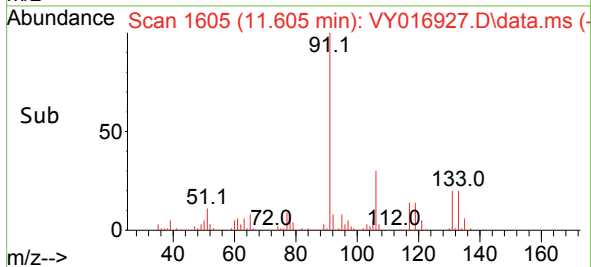
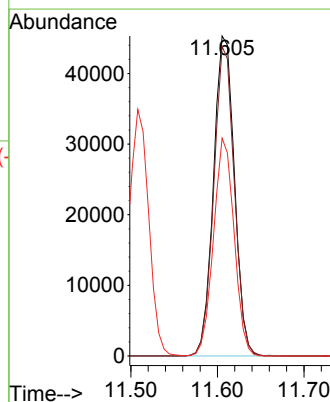
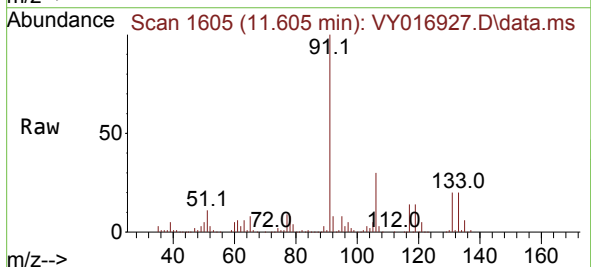
Instrument :
MSVOA_Y
ClientSampleId :

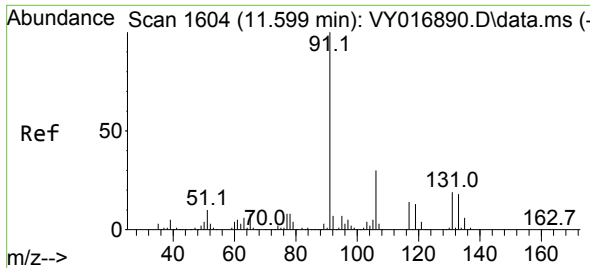
Tgt Ion:112 Resp: 200209
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.479 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:131 Resp: 76011
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.0
119 67.0 33.3 99.9

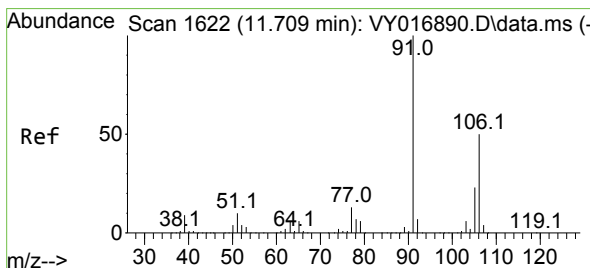
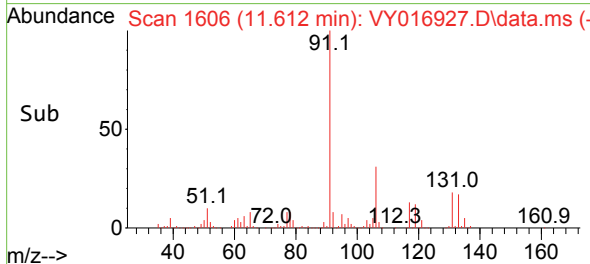
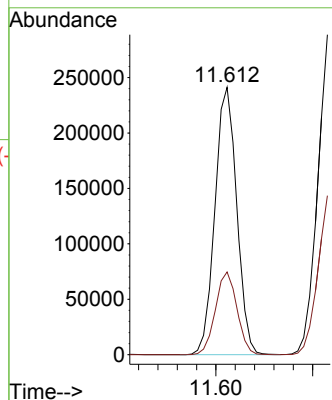
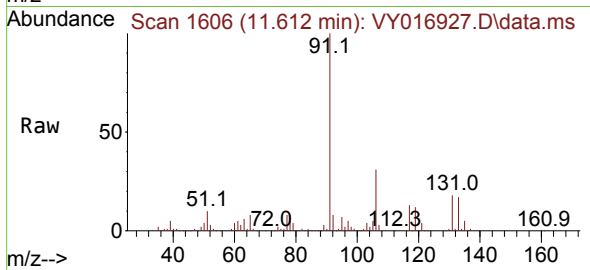




#67
Ethyl Benzene
Concen: 57.023 ug/l
RT: 11.612 min Scan# 1606
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

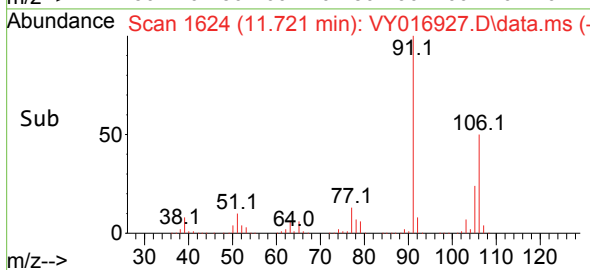
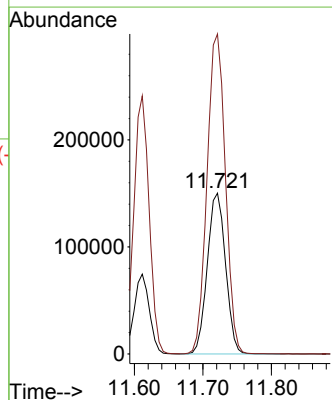
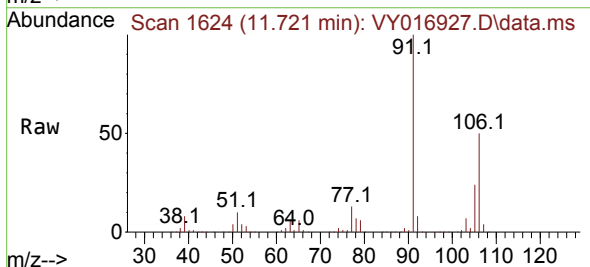
Instrument :
MSVOA_Y
ClientSampleId :

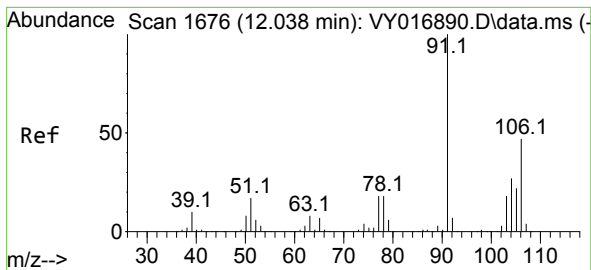
Tgt Ion: 91 Resp: 376801
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 114.521 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:106 Resp: 277771
Ion Ratio Lower Upper
106 100
91 200.3 160.7 241.1





#69

o-Xylene

Concen: 56.537 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

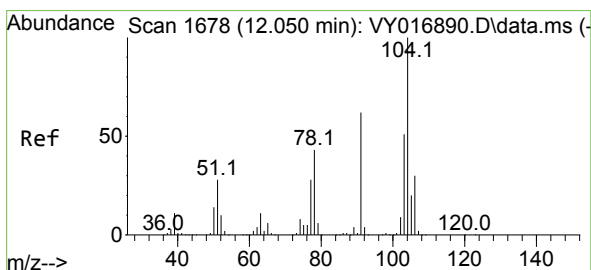
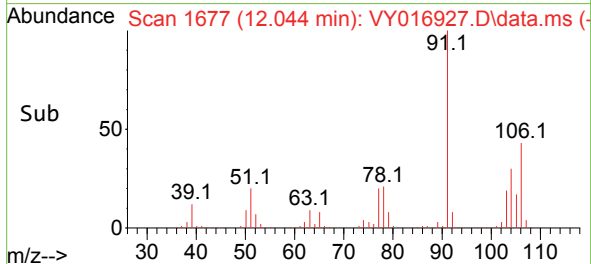
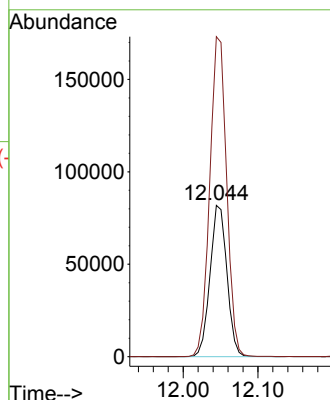
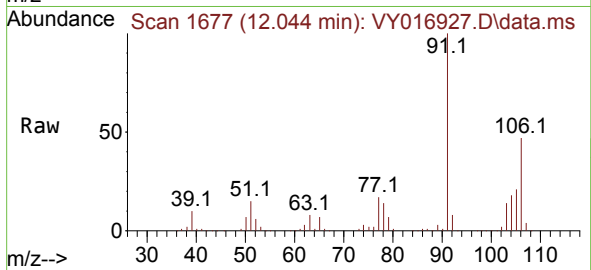
ClientSampleId :

Tgt Ion:106 Resp: 128557

Ion Ratio Lower Upper

106 100

91 211.5 106.5 319.5



#70

Styrene

Concen: 57.482 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

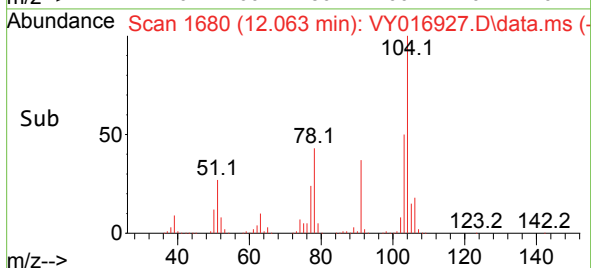
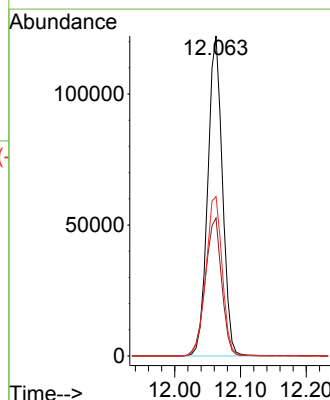
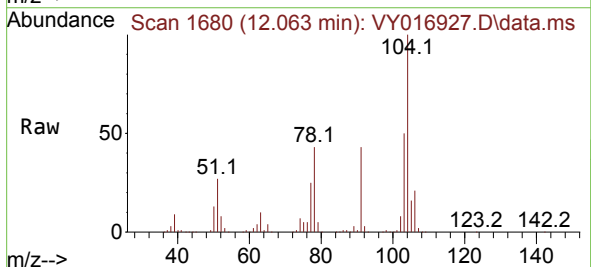
Tgt Ion:104 Resp: 190230

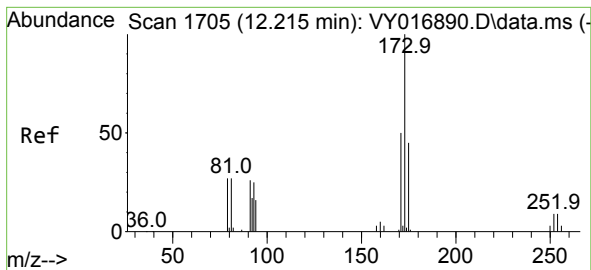
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 55.2 43.8 65.6





#71

Bromoform

Concen: 51.243 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

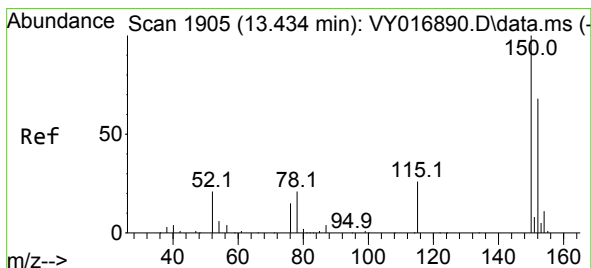
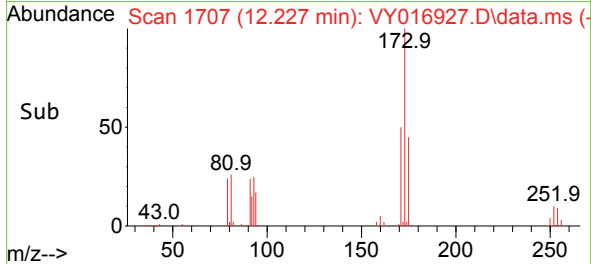
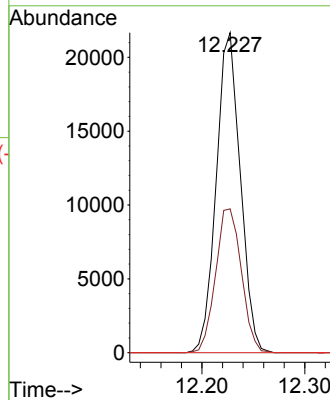
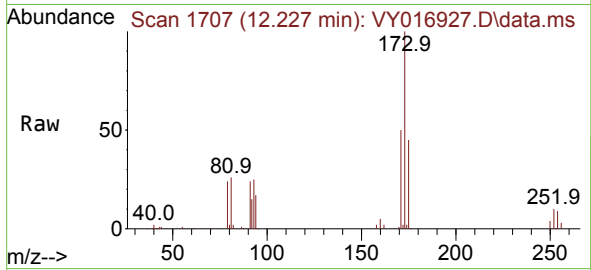
Tgt Ion:173 Resp: 35197

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

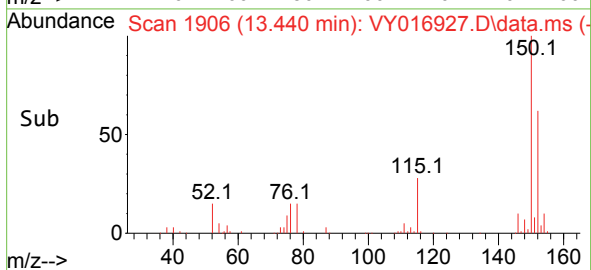
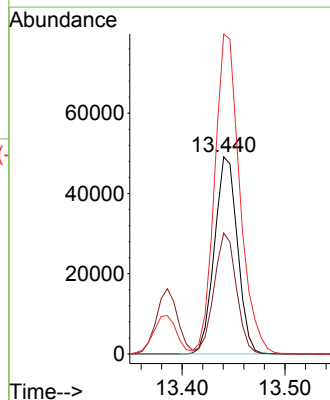
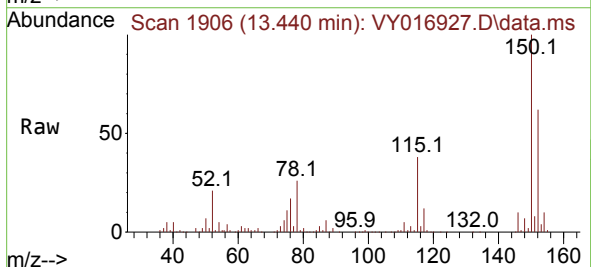
Tgt Ion:152 Resp: 76274

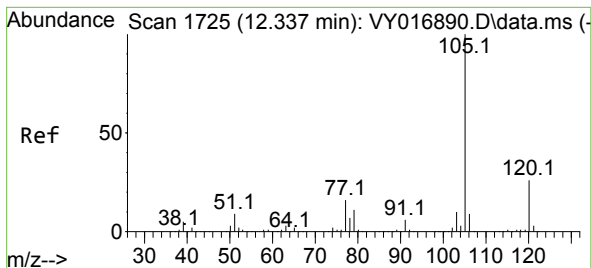
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 177.7 0.0 344.6





#73

Isopropylbenzene

Concen: 57.903 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

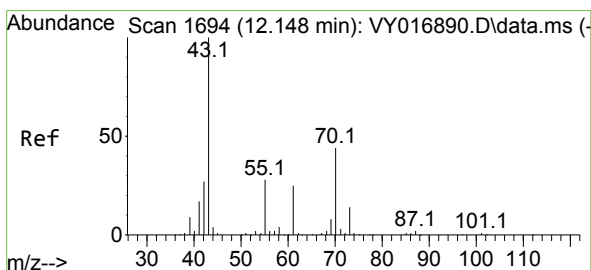
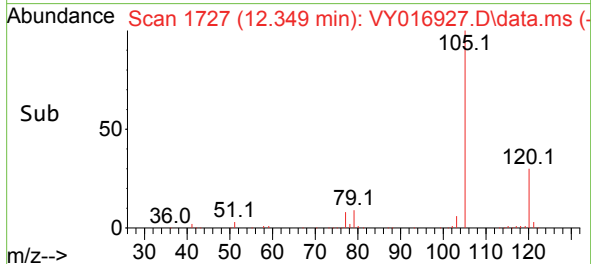
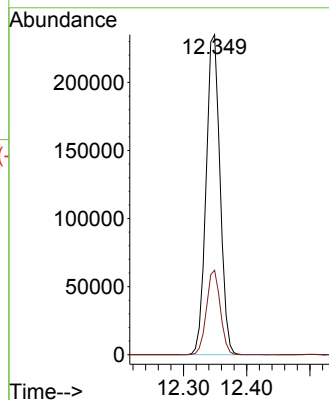
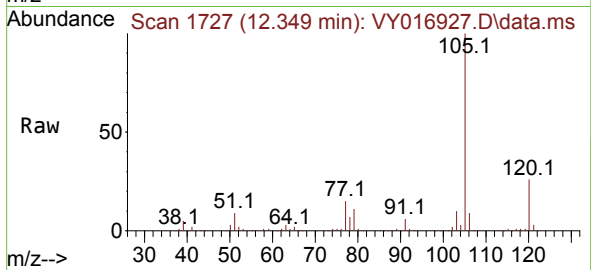
ClientSampleId :

Tgt Ion:105 Resp: 360651

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 50.850 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Tgt Ion: 43 Resp: 63634

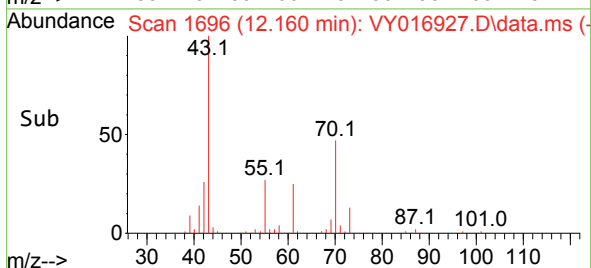
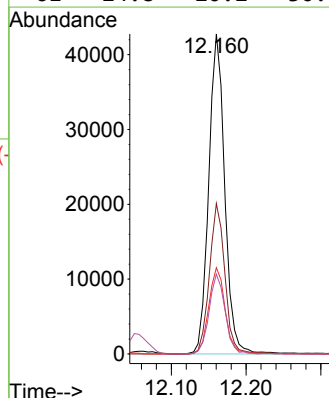
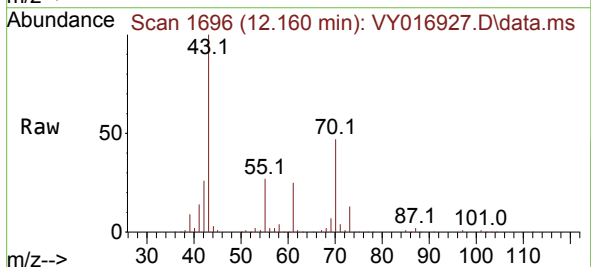
Ion Ratio Lower Upper

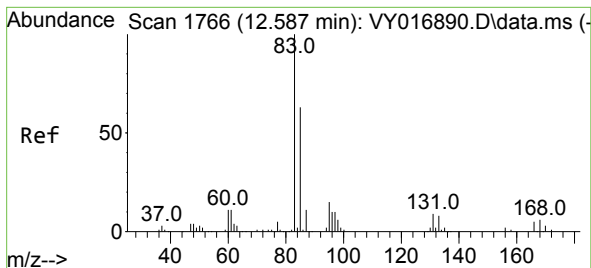
43 100

70 45.7 36.6 55.0

55 27.9 22.2 33.4

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.150 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

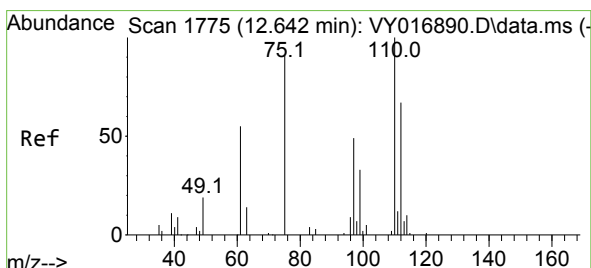
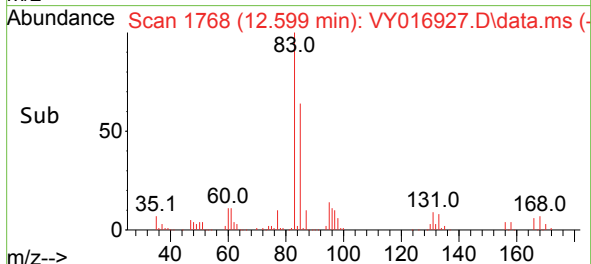
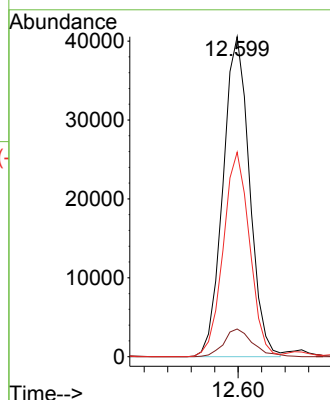
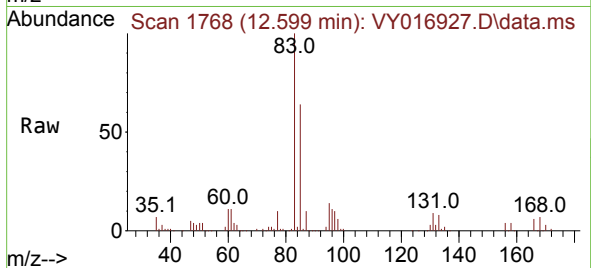
Tgt Ion: 83 Resp: 63645

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 63.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 90.266 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016927.D

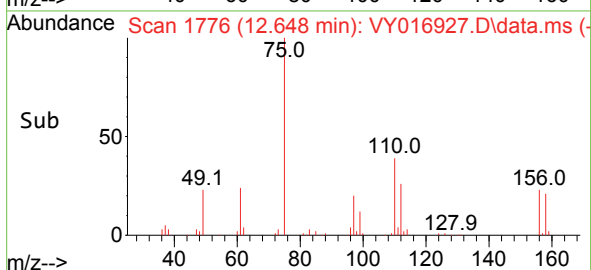
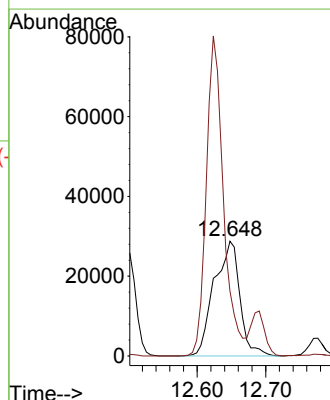
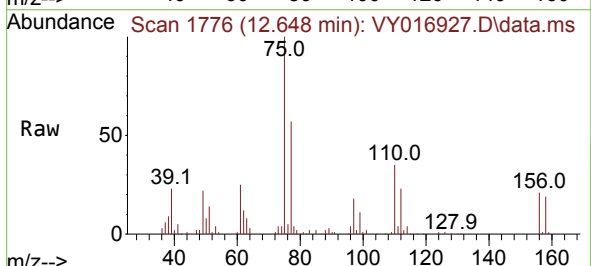
Acq: 08 Jan 2024 10:04

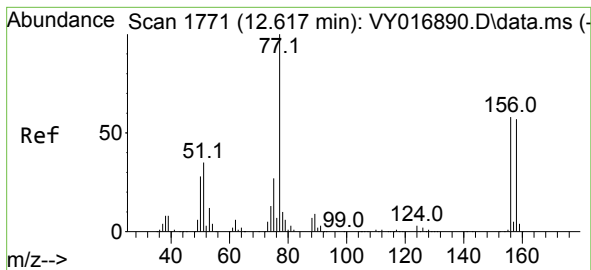
Tgt Ion: 75 Resp: 74714

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.838 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

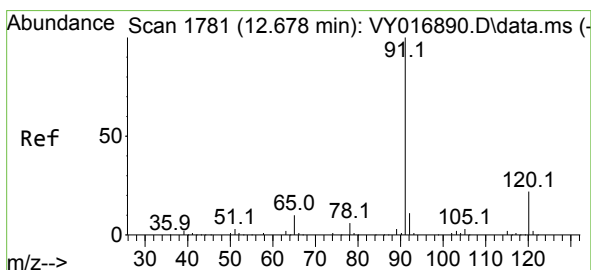
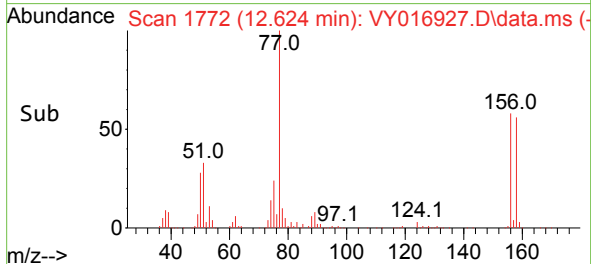
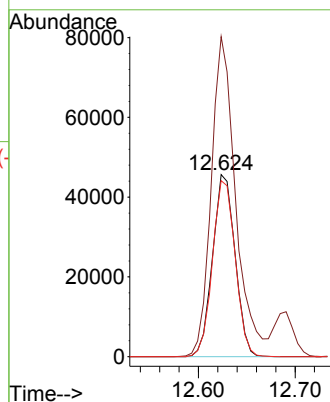
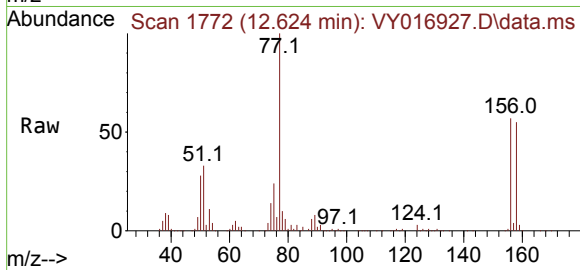
Tgt Ion:156 Resp: 73831

Ion Ratio Lower Upper

156 100

77 189.0 97.3 291.8

158 97.6 48.4 145.0



#78

n-propylbenzene

Concen: 57.702 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.013 min

Lab File: VY016927.D

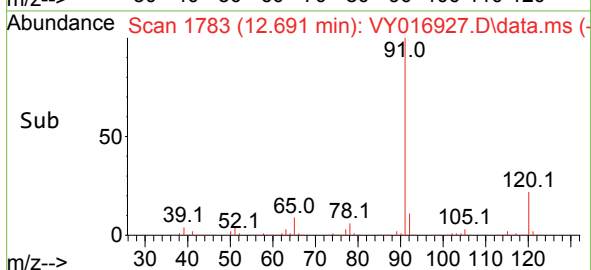
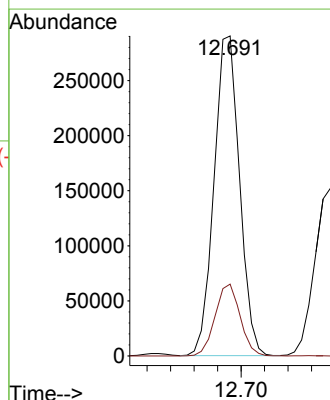
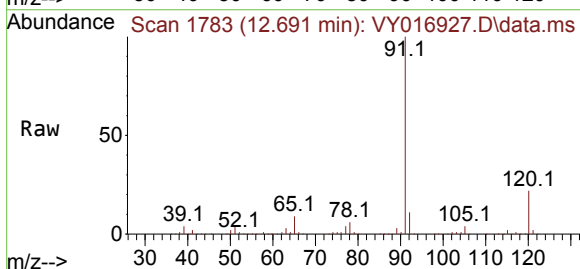
Acq: 08 Jan 2024 10:04

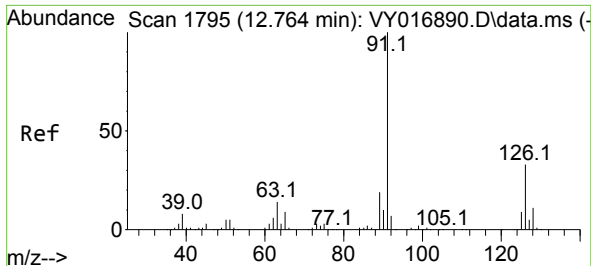
Tgt Ion: 91 Resp: 436927

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 55.683 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

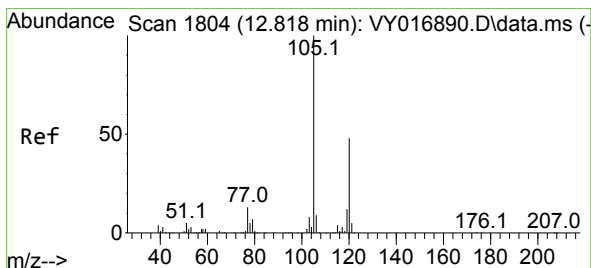
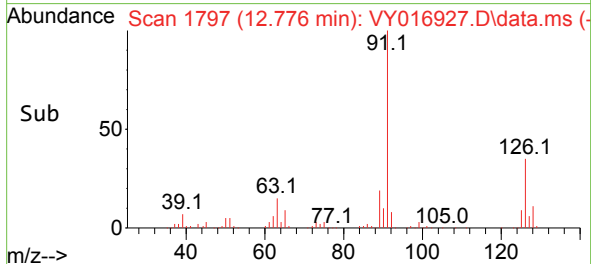
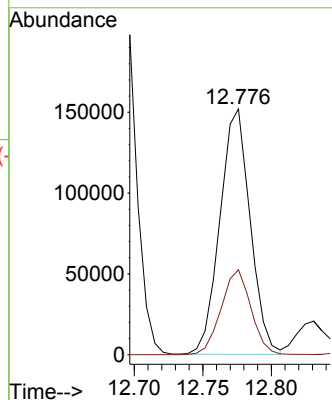
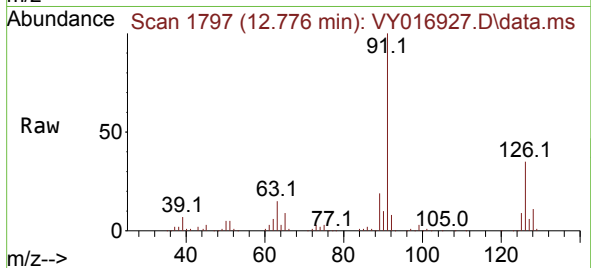
ClientSampleId :

Tgt Ion: 91 Resp: 233808

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 57.613 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY016927.D

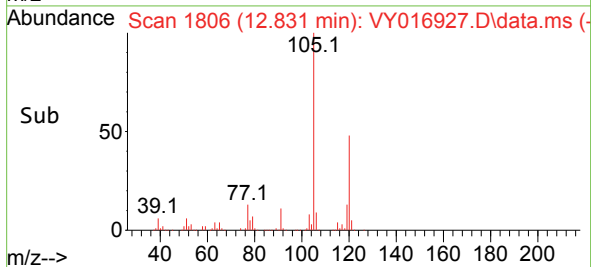
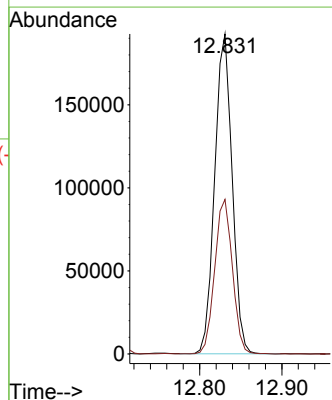
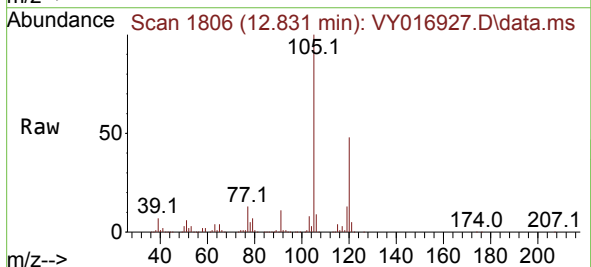
Acq: 08 Jan 2024 10:04

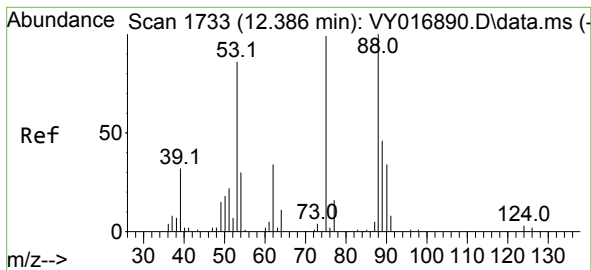
Tgt Ion:105 Resp: 283803

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

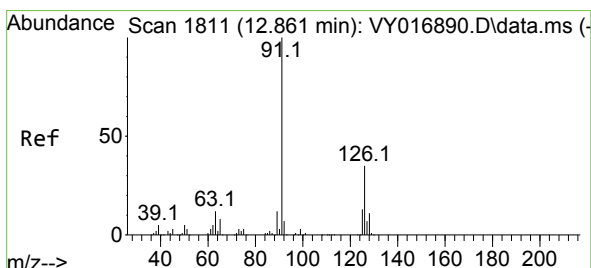
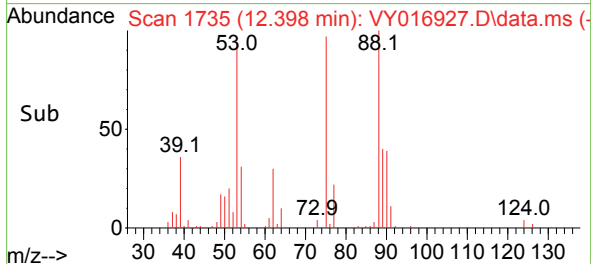
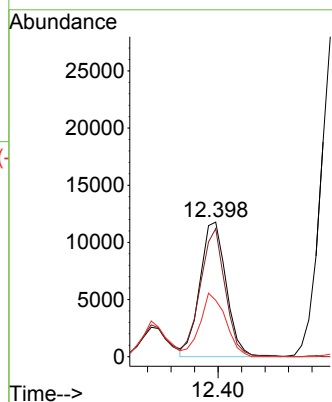
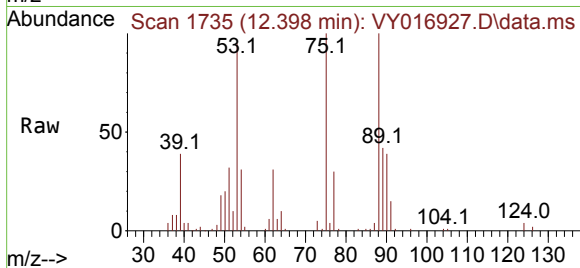




#81
trans-1,4-Dichloro-2-butene
Concen: 50.229 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

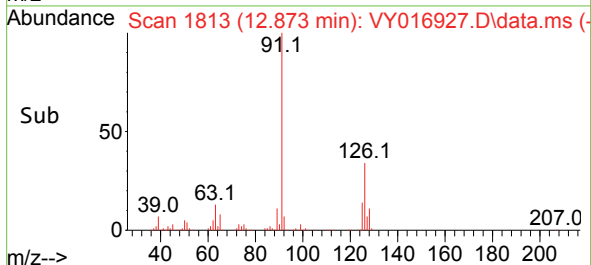
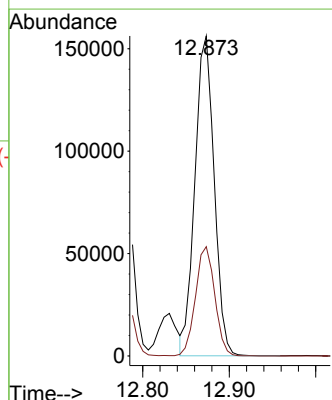
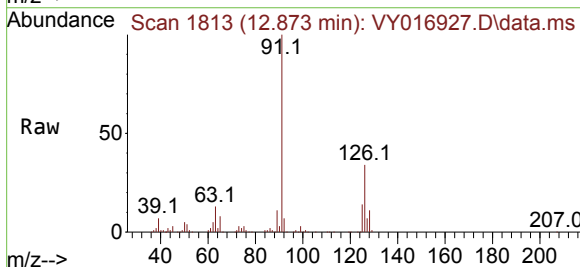
Instrument :
MSVOA_Y
ClientSampleId :

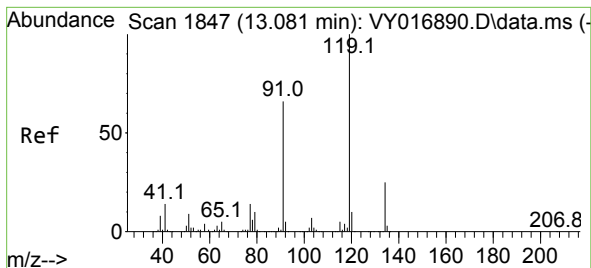
Tgt Ion: 75 Resp: 18309
Ion Ratio Lower Upper
75 100
53 90.7 74.0 111.0
89 46.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 56.124 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 91 Resp: 240759
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 58.515 ug/l

RT: 13.093 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

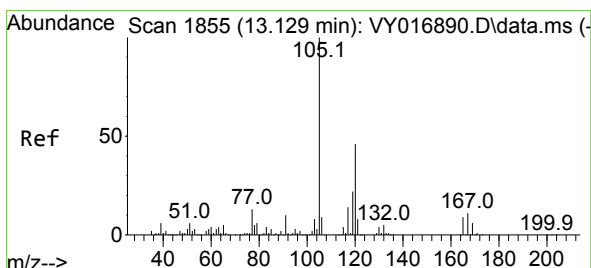
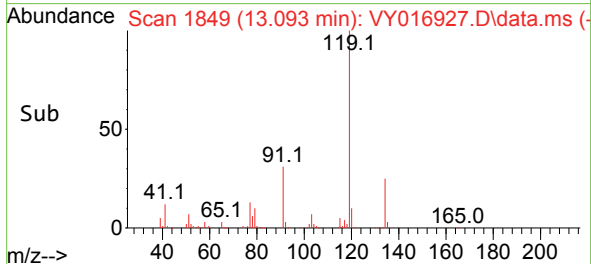
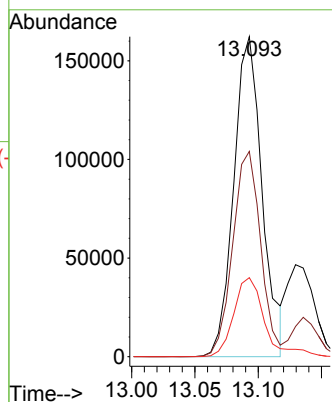
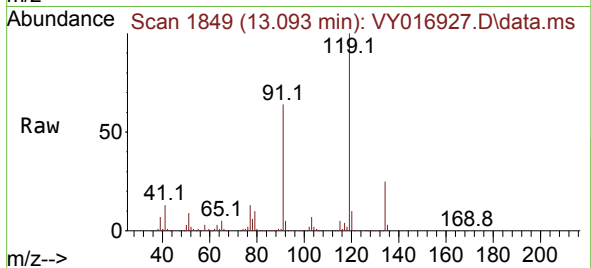
Tgt Ion:119 Resp: 253885

Ion Ratio Lower Upper

119 100

91 63.0 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 57.746 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016927.D

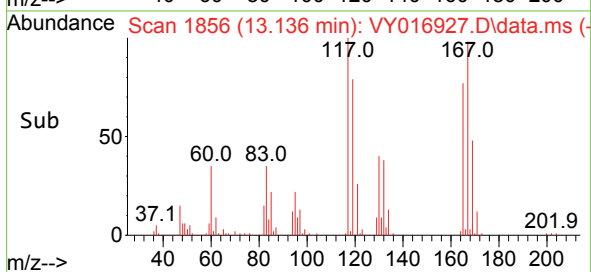
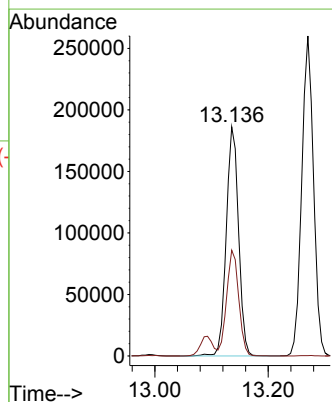
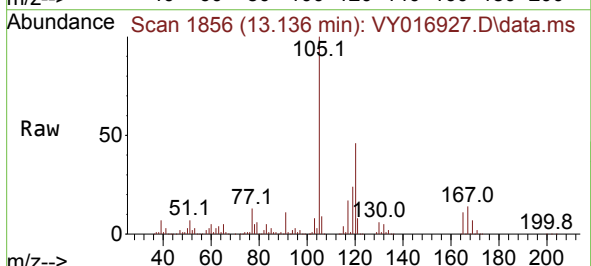
Acq: 08 Jan 2024 10:04

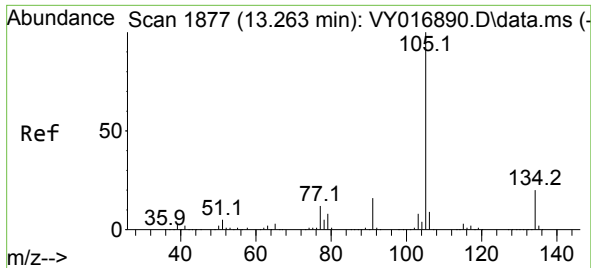
Tgt Ion:105 Resp: 280139

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3

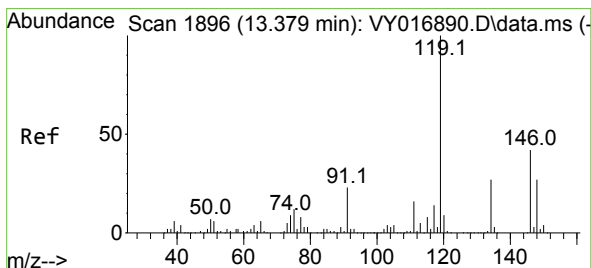
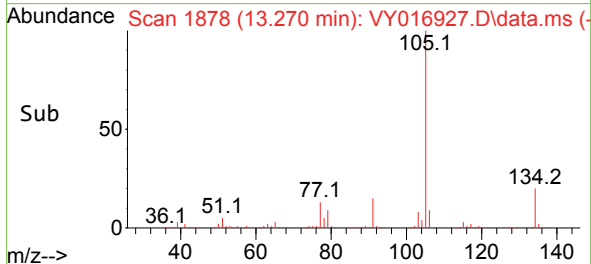
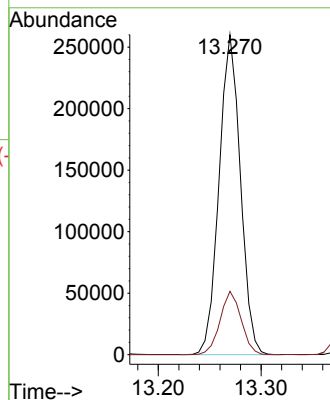
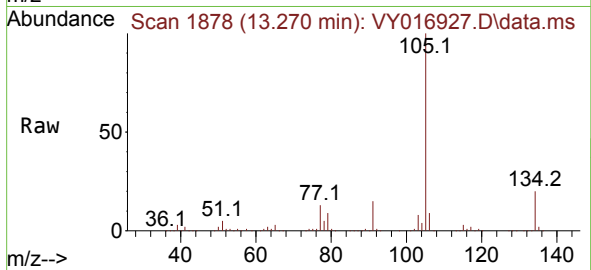




#85
sec-Butylbenzene
Concen: 58.242 ug/l
RT: 13.270 min Scan# 1878
Delta R.T. 0.007 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

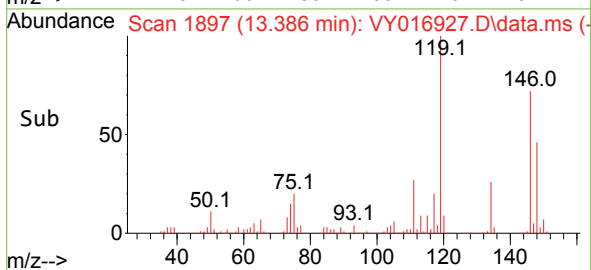
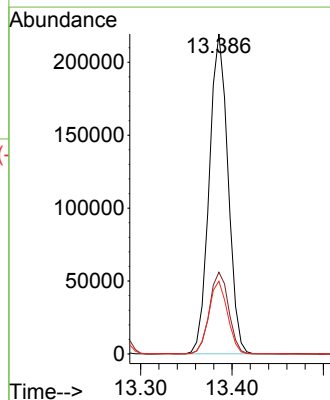
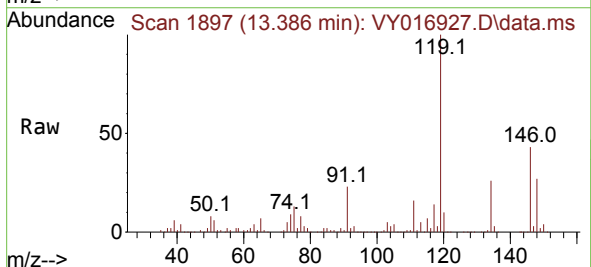
Instrument :
MSVOA_Y
ClientSampleId :

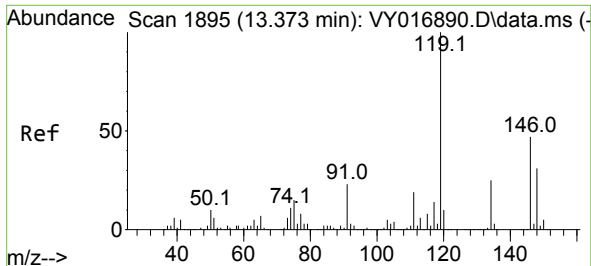
Tgt Ion:105 Resp: 374432
Ion Ratio Lower Upper
105 100
134 19.6 9.7 28.9



#86
p-Isopropyltoluene
Concen: 58.842 ug/l
RT: 13.386 min Scan# 1897
Delta R.T. 0.007 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion:119 Resp: 312203
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.1
91 22.7 11.7 35.0

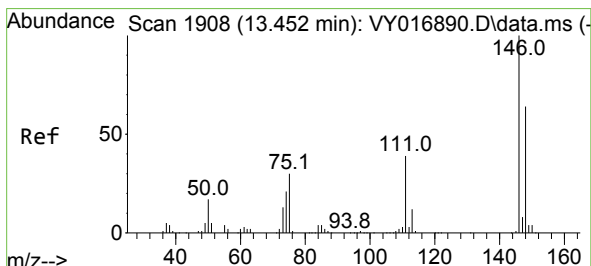
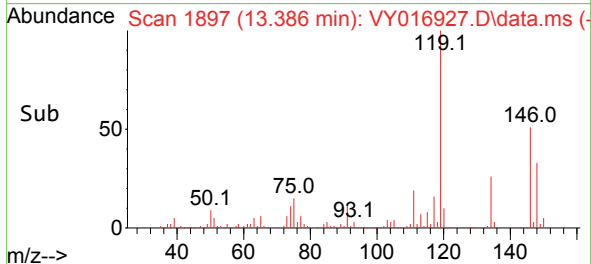
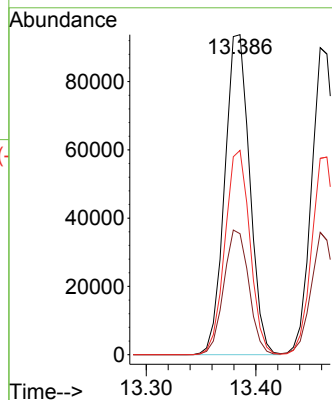
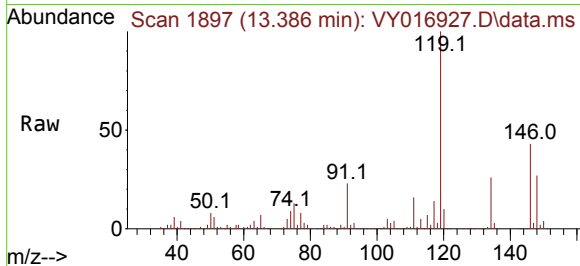




#87
 1,3-Dichlorobenzene
 Concen: 55.222 ug/l
 RT: 13.386 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

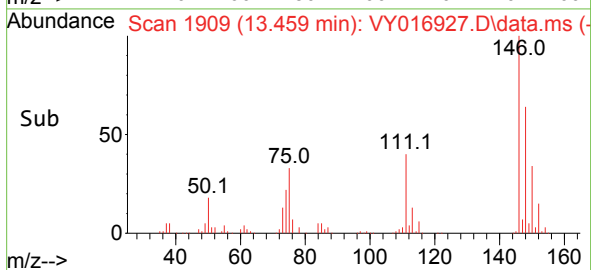
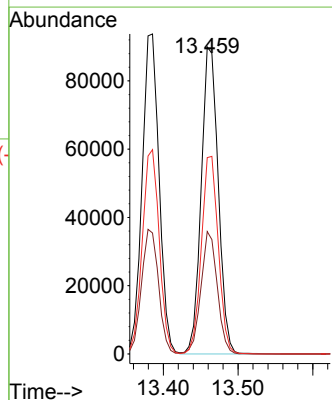
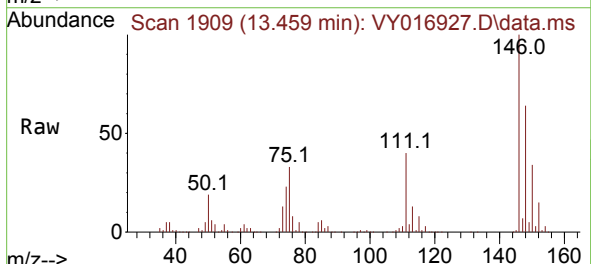
Instrument :
 MSVOA_Y
 ClientSampleId :

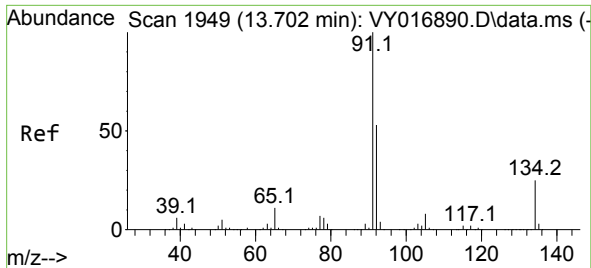
Tgt Ion:146 Resp: 148520
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.2 60.5
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 54.087 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.007 min
 Lab File: VY016927.D
 Acq: 08 Jan 2024 10:04

Tgt Ion:146 Resp: 142277
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.3 57.9
 148 64.0 31.6 94.7

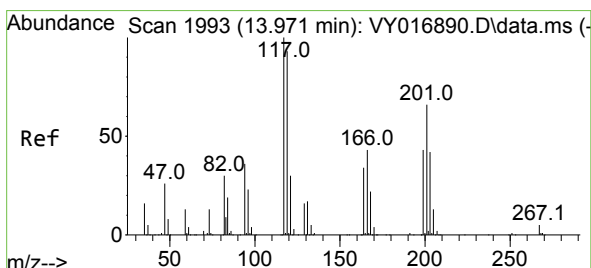
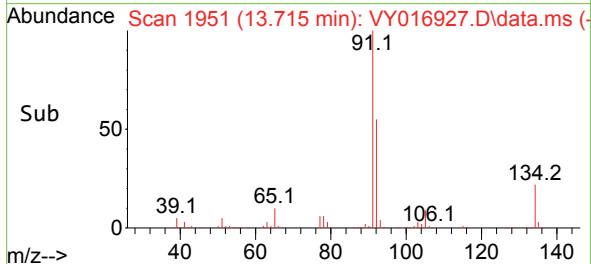
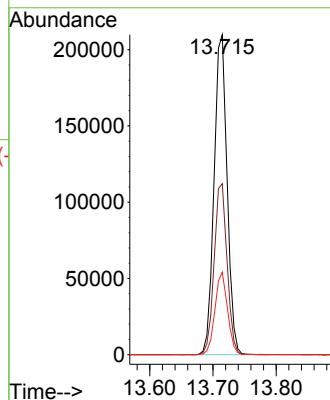
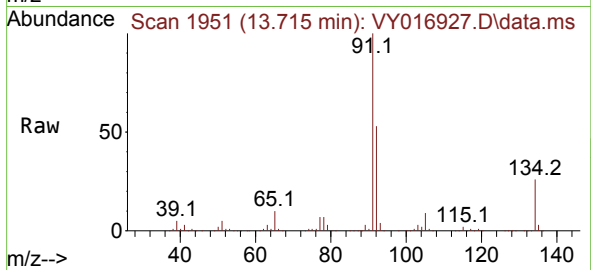




#89
n-Butylbenzene
Concen: 58.793 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

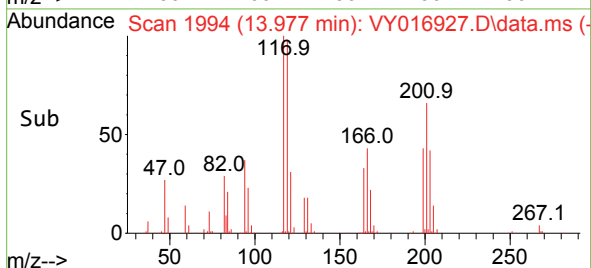
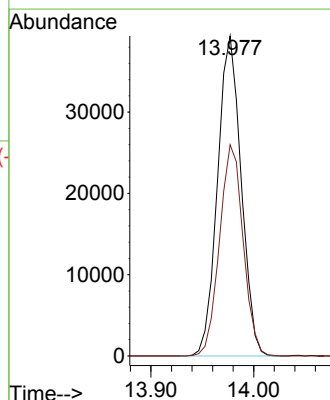
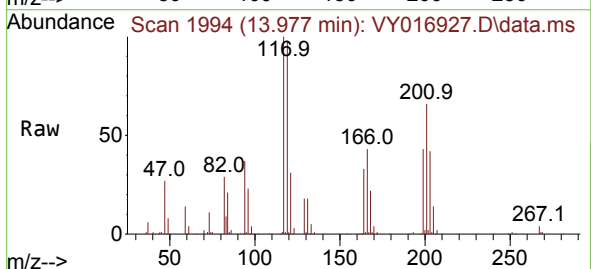
Instrument :
MSVOA_Y
ClientSampleId :

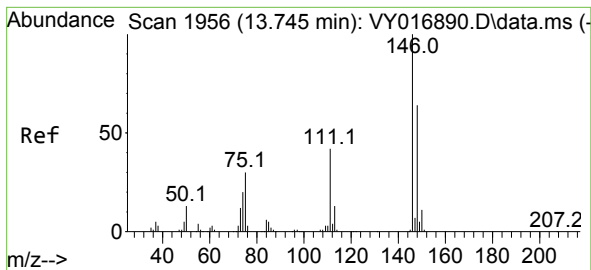
Tgt Ion: 91 Resp: 299926
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 25.0 12.3 36.8



#90
Hexachloroethane
Concen: 55.022 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 117 Resp: 62732
Ion Ratio Lower Upper
117 100
201 66.0 33.4 100.1

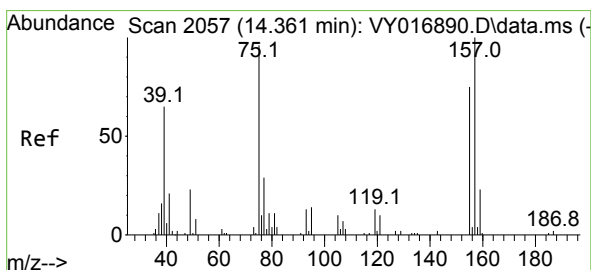
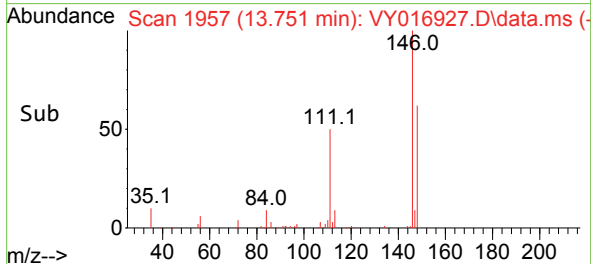
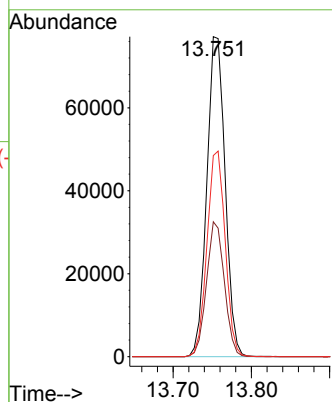
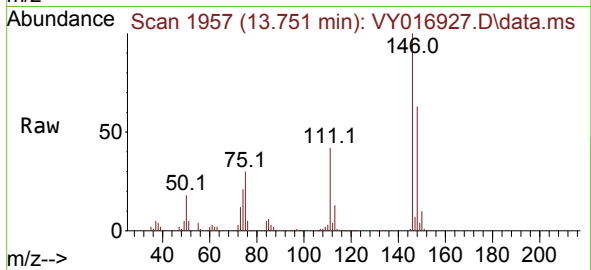




#91
1,2-Dichlorobenzene
Concen: 53.750 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

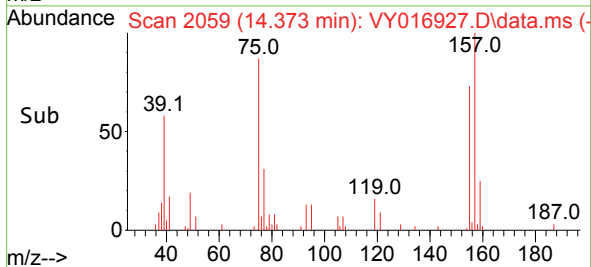
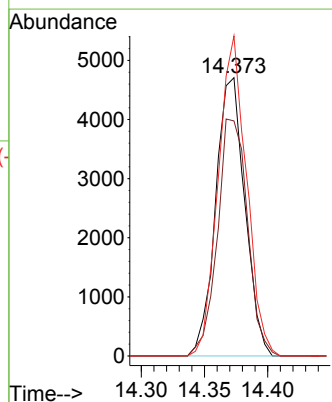
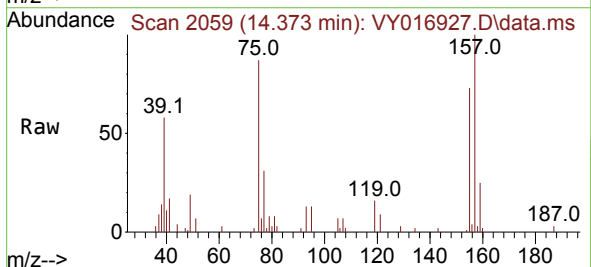
Instrument :
MSVOA_Y
ClientSampleId :

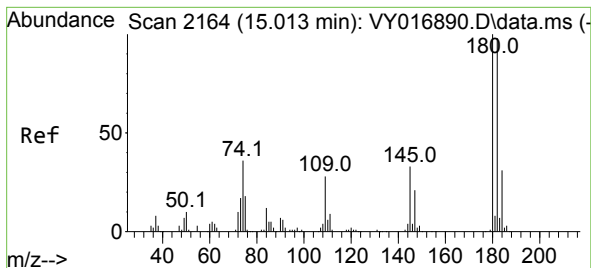
Tgt Ion:146 Resp: 124929
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.6
148 63.8 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.536 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016927.D
Acq: 08 Jan 2024 10:04

Tgt Ion: 75 Resp: 7565
Ion Ratio Lower Upper
75 100
155 87.3 42.1 126.3
157 111.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 58.543 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

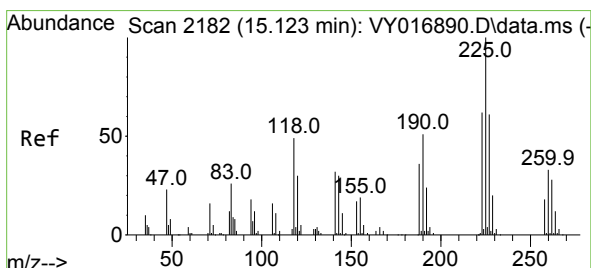
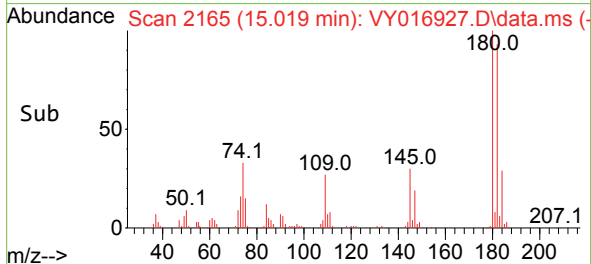
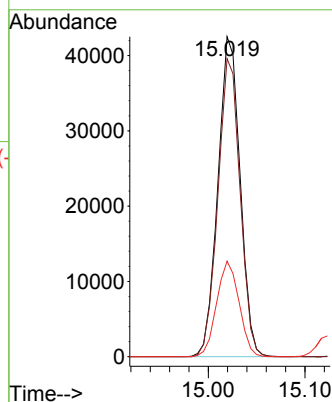
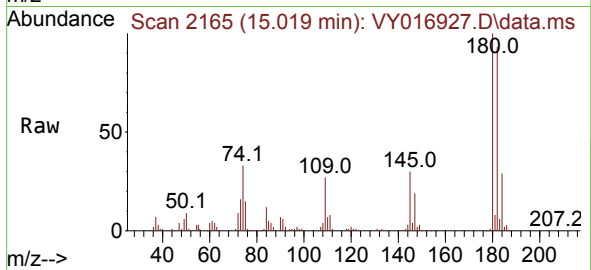
Tgt Ion:180 Resp: 67568

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 57.692 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

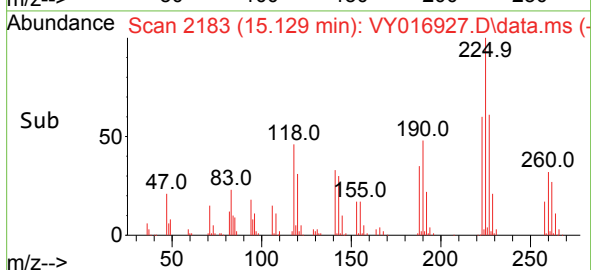
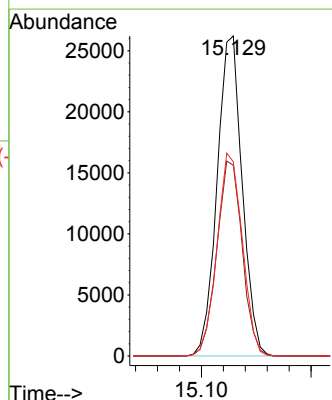
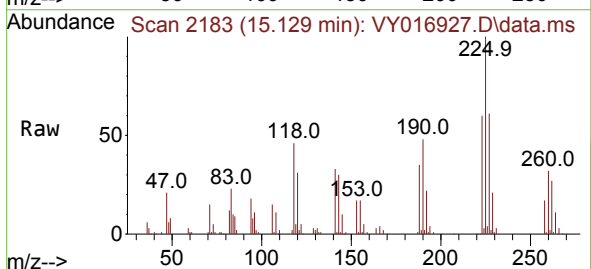
Tgt Ion:225 Resp: 41713

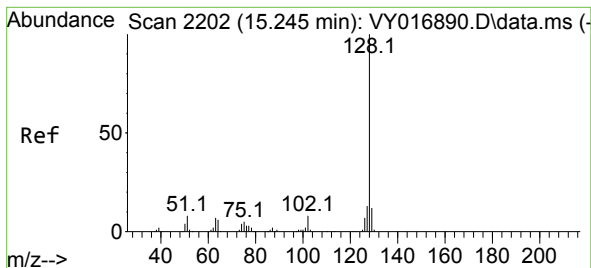
Ion Ratio Lower Upper

225 100

223 61.6 31.4 94.3

227 63.8 32.3 96.8





#95

Naphthalene

Concen: 54.584 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

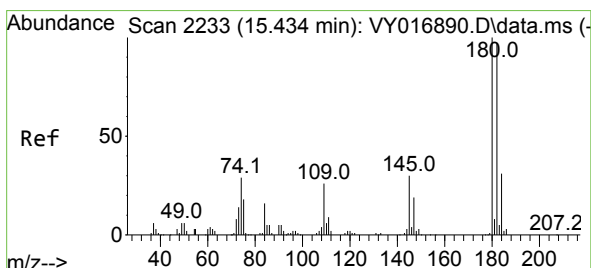
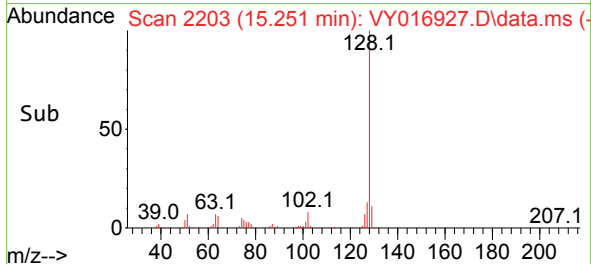
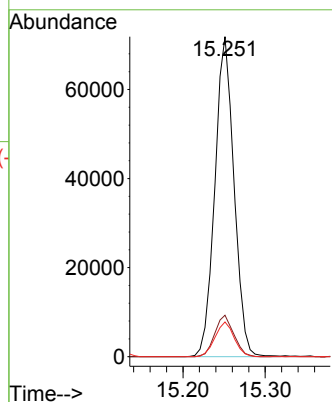
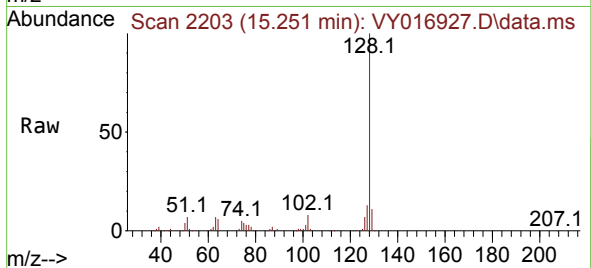
Tgt Ion:128 Resp: 116149

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 56.876 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016927.D

Acq: 08 Jan 2024 10:04

Tgt Ion:180 Resp: 55739

Ion Ratio Lower Upper

180 100

182 93.7 46.3 138.8

145 31.7 16.1 48.2

