

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017027.D
 Acq On : 17 Jan 2024 21:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 18 00:49:15 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	7.832	168	124753	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	217884	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	189949	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	82542	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	53650	43.511	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.020%
35) Dibromofluoromethane	7.759	113	59030	42.515	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.040%
50) Toluene-d8	10.209	98	194986	40.783	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.560%
62) 4-Bromofluorobenzene	12.508	95	66958	41.509	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	52979	57.283	ug/l	96
3) Chloromethane	2.138	50	91420	62.382	ug/l	100
4) Vinyl Chloride	2.278	62	103799	60.047	ug/l	98
5) Bromomethane	2.680	94	79602	64.279	ug/l	98
6) Chloroethane	2.826	64	68925	58.944	ug/l	99
7) Trichlorofluoromethane	3.162	101	108672	51.022	ug/l	99
8) Diethyl Ether	3.564	74	38610	56.723	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.942	101	67455	48.708	ug/l	99
10) Methyl Iodide	4.137	142	68826	58.418	ug/l	97
11) Tert butyl alcohol	4.997	59	23258	260.715	ug/l	99
12) 1,1-Dichloroethene	3.918	96	66126	55.651	ug/l	96
13) Acrolein	3.765	56	29129	215.552	ug/l	96
14) Allyl chloride	4.527	41	107094	57.012	ug/l	99
15) Acrylonitrile	5.210	53	86938	273.061	ug/l	100
16) Acetone	3.985	43	79859	264.156	ug/l	94
17) Carbon Disulfide	4.241	76	209587	73.820	ug/l	100
18) Methyl Acetate	4.521	43	84040	63.618	ug/l	99
19) Methyl tert-butyl Ether	5.277	73	170447	55.137	ug/l	98
20) Methylene Chloride	4.771	84	81519	51.532	ug/l	98
21) trans-1,2-Dichloroethene	5.277	96	79848	58.674	ug/l	99
22) Diisopropyl ether	6.167	45	239174	55.074	ug/l	96
23) Vinyl Acetate	6.112	43	539409	270.887	ug/l	99
24) 1,1-Dichloroethane	6.070	63	140462	53.823	ug/l	98
25) 2-Butanone	7.033	43	115661	275.882	ug/l	96
26) 2,2-Dichloropropane	7.033	77	110023	48.624	ug/l	99
27) cis-1,2-Dichloroethene	7.033	96	89518	56.115	ug/l	99
28) Bromochloromethane	7.381	49	54187	55.308	ug/l	99
29) Tetrahydrofuran	7.393	42	69966	280.361	ug/l	100
30) Chloroform	7.551	83	143516	53.364	ug/l	98
31) Cyclohexane	7.832	56	116238	54.927	ug/l	99
32) 1,1,1-Trichloroethane	7.746	97	119520	52.414	ug/l	99
36) 1,1-Dichloropropene	7.960	75	108313	53.529	ug/l	99
37) Ethyl Acetate	7.118	43	46774	50.867	ug/l	100
38) Carbon Tetrachloride	7.941	117	102500	49.859	ug/l	97
39) Methylcyclohexane	9.222	83	129848	57.083	ug/l	97
40) Benzene	8.204	78	329388	54.266	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	24658	50.916	ug/l	88
42) 1,2-Dichloroethane	8.277	62	85708	53.188	ug/l	99
43) Isopropyl Acetate	8.307	43	91475	51.948	ug/l	100
44) Trichloroethene	8.978	130	81991	53.084	ug/l	93
45) 1,2-Dichloropropane	9.252	63	81526	52.135	ug/l	99
46) Dibromomethane	9.338	93	42556	53.360	ug/l	99
47) Bromodichloromethane	9.533	83	109437	51.101	ug/l	97
48) Methyl methacrylate	9.325	41	53631	56.435	ug/l	98
49) 1,4-Dioxane	9.331	88	8391	1016.140	ug/l	98
51) 4-Methyl-2-Pentanone	10.100	43	247747	264.552	ug/l	100
52) Toluene	10.276	92	201144	54.909	ug/l	99
53) t-1,3-Dichloropropene	10.496	75	99716	51.982	ug/l	97
54) cis-1,3-Dichloropropene	9.959	75	121122	52.577	ug/l	97
55) 1,1,2-Trichloroethane	10.679	97	59102	50.726	ug/l	99
56) Ethyl methacrylate	10.539	69	54533	55.259	ug/l	98
57) 1,3-Dichloropropane	10.819	76	103294	53.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.813	63	157876	253.937	ug/l	99
59) 2-Hexanone	10.862	43	170316	246.993	ug/l	99
60) Dibromochloromethane	11.014	129	69379	51.636	ug/l	98
61) 1,2-Dibromoethane	11.124	107	55048	54.379	ug/l	99
64) Tetrachloroethene	10.752	164	67319	54.665	ug/l	97
65) Chlorobenzene	11.544	112	204933	51.790	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.618	131	75047	49.891	ug/l	100
67) Ethyl Benzene	11.624	91	379564	53.280	ug/l	99
68) m/p-Xylenes	11.733	106	283773	108.521	ug/l	100
69) o-Xylene	12.057	106	132027	53.857	ug/l	98
70) Styrene	12.075	104	195400	54.767	ug/l	99
71) Bromoform	12.239	173	37374	50.471	ug/l #	97
73) Isopropylbenzene	12.355	105	350905	52.060	ug/l	99
74) N-amyl acetate	12.172	43	69169	51.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.611	83	65818	47.924	ug/l	99
76) 1,2,3-Trichloropropane	12.660	75	79539	88.798	ug/l #	100
77) Bromobenzene	12.636	156	75196	50.670	ug/l	99
78) n-propylbenzene	12.697	91	418621	51.086	ug/l	100
79) 2-Chlorotoluene	12.782	91	231156	50.871	ug/l	100
80) 1,3,5-Trimethylbenzene	12.837	105	278845	52.308	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.404	75	19898	50.443	ug/l	97
82) 4-Chlorotoluene	12.880	91	236941	51.040	ug/l	99
83) tert-Butylbenzene	13.105	119	242588	51.666	ug/l	100
84) 1,2,4-Trimethylbenzene	13.148	105	276140	52.599	ug/l	100
85) sec-Butylbenzene	13.282	105	346290	49.774	ug/l	99
86) p-Isopropyltoluene	13.398	119	290883	50.660	ug/l	99
87) 1,3-Dichlorobenzene	13.392	146	145001	49.820	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	139794	49.107	ug/l	99
89) n-Butylbenzene	13.721	91	274738	49.766	ug/l	100
90) Hexachloroethane	13.989	117	58645	47.531	ug/l	99
91) 1,2-Dichlorobenzene	13.764	146	123276	49.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8025	46.597	ug/l	97
93) 1,2,4-Trichlorobenzene	15.032	180	59949	47.997	ug/l	97
94) Hexachlorobutadiene	15.141	225	33457	42.759	ug/l	98
95) Naphthalene	15.263	128	112998	49.667	ug/l	100
96) 1,2,3-Trichlorobenzene	15.452	180	49640	46.806	ug/l	99

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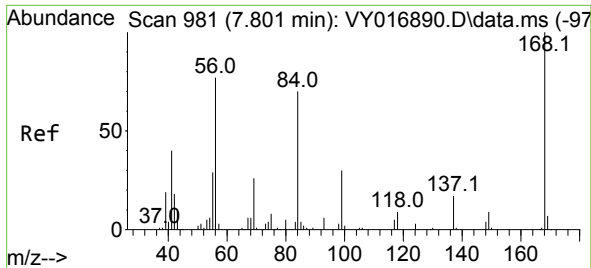
Quant Time: Jan 18 00:49:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

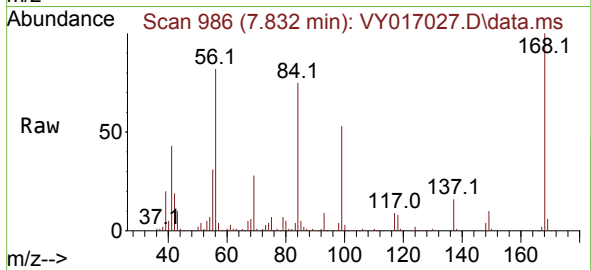
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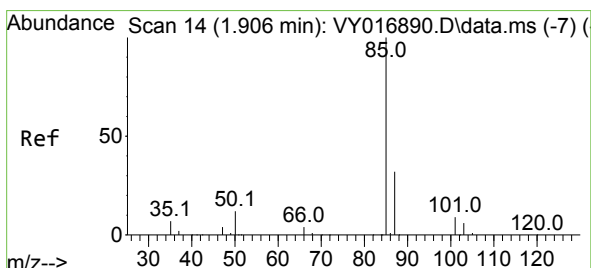
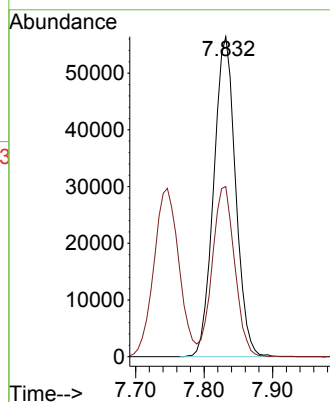
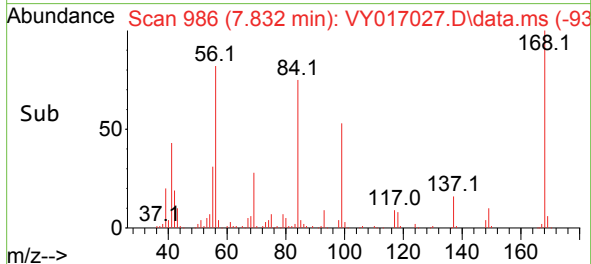


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.031 min
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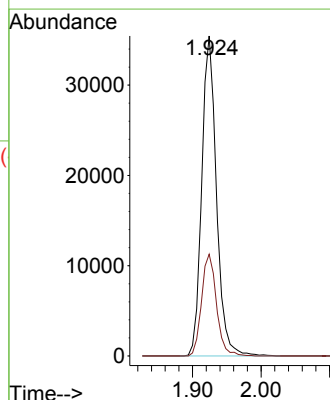
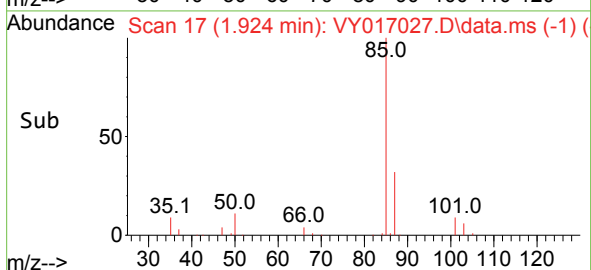
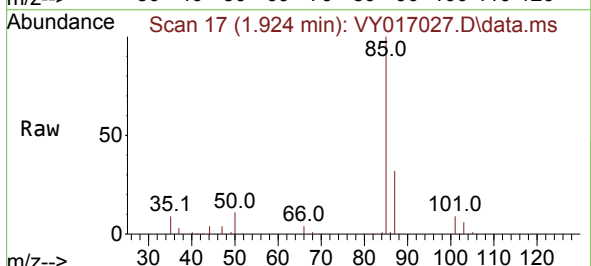


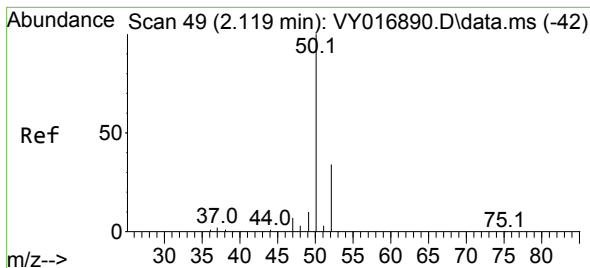
Tgt Ion:168 Resp: 124753
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 57.283 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.012 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 85 Resp: 52979
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.3





#3

Chloromethane

Concen: 62.382 ug/l

RT: 2.138 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

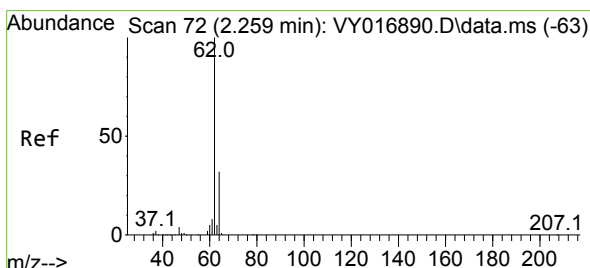
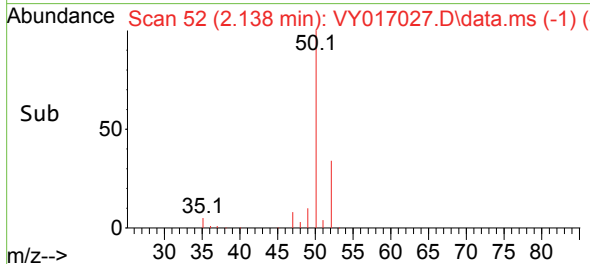
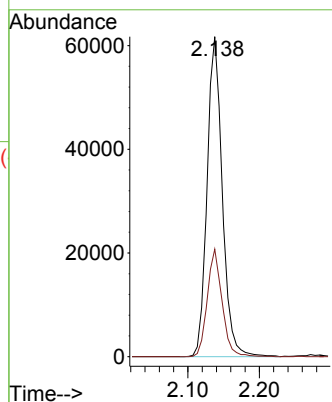
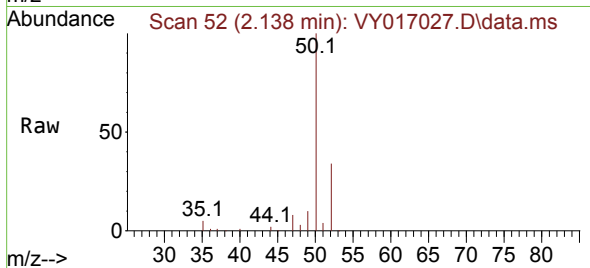
ClientSampleId :

Tgt Ion: 50 Resp: 91420

Ion Ratio Lower Upper

50 100

52 33.6 26.7 40.1



#4

Vinyl Chloride

Concen: 60.047 ug/l

RT: 2.278 min Scan# 75

Delta R.T. 0.019 min

Lab File: VY017027.D

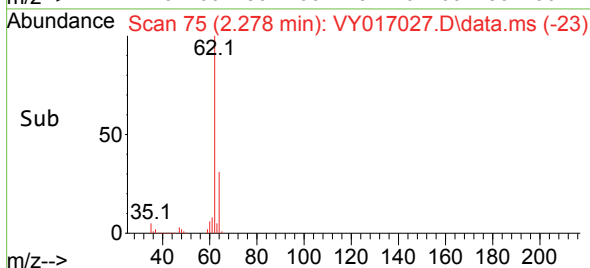
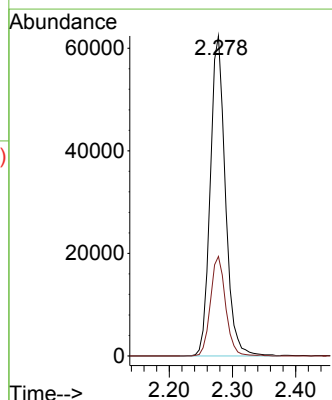
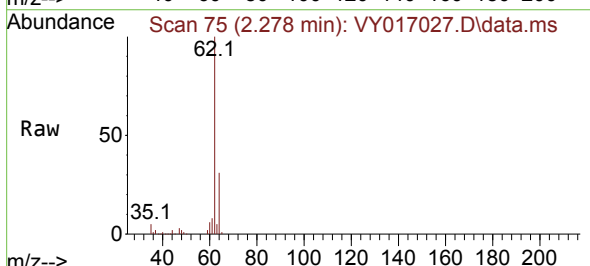
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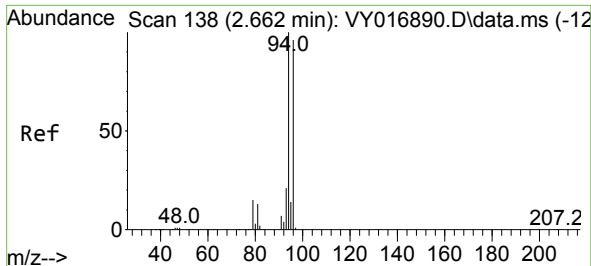
Tgt Ion: 62 Resp: 103799

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5

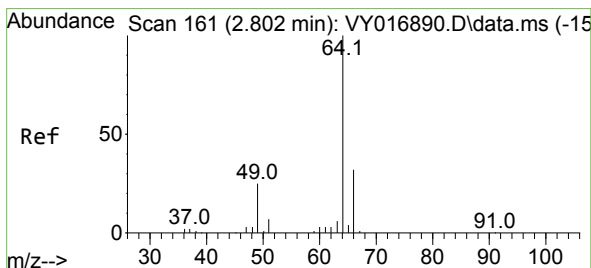
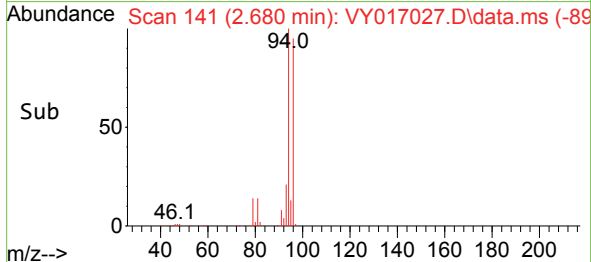
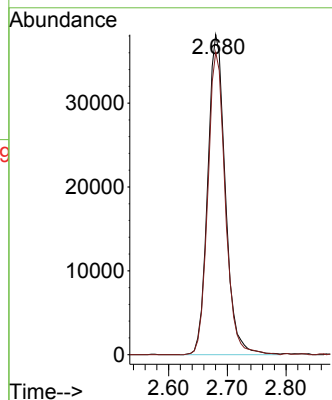
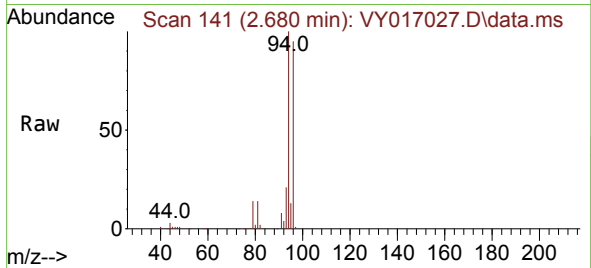




#5
Bromomethane
Concen: 64.279 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

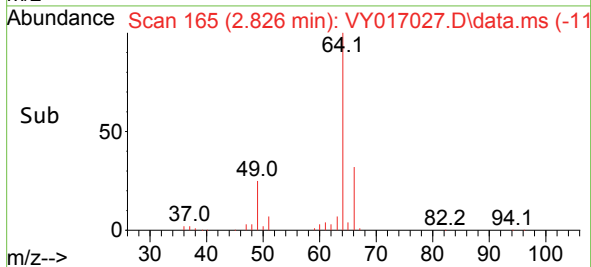
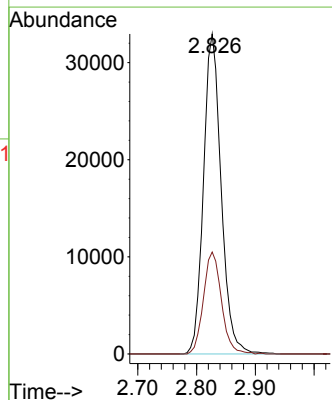
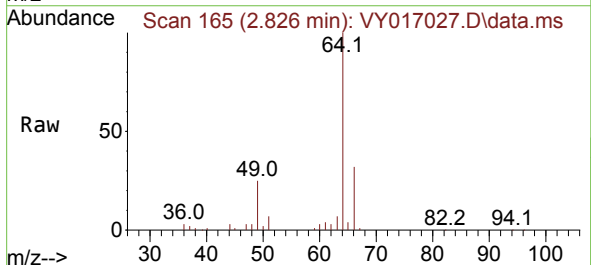
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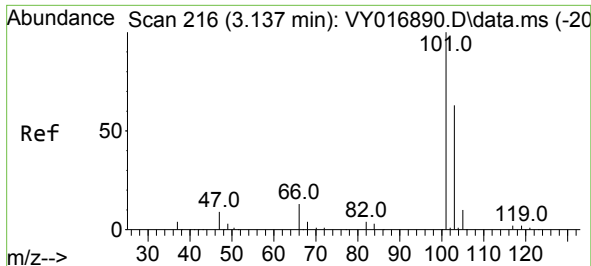
Tgt Ion: 94 Resp: 79602
Ion Ratio Lower Upper
94 100
96 94.5 77.3 115.9



#6
Chloroethane
Concen: 58.944 ug/l
RT: 2.826 min Scan# 165
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

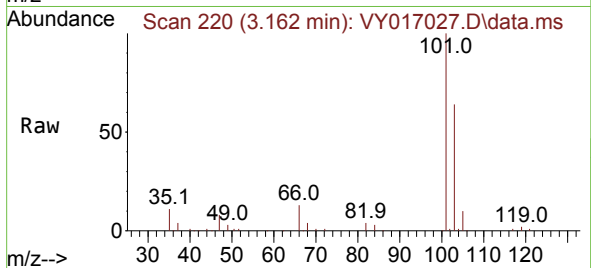
Tgt Ion: 64 Resp: 68925
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7



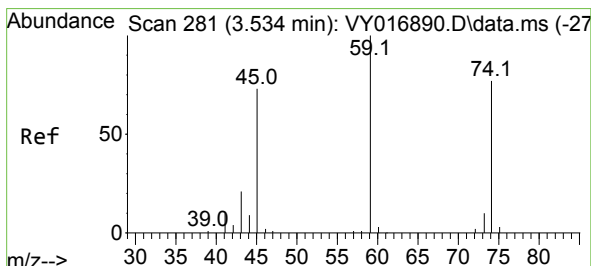
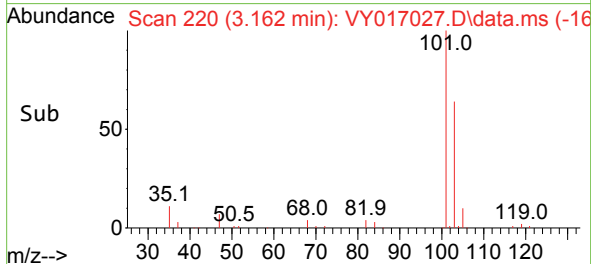
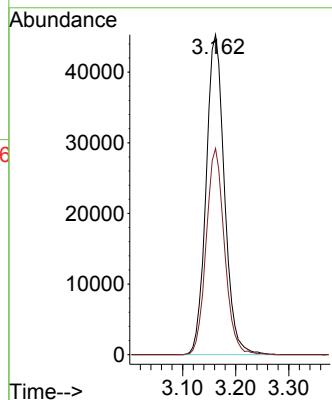


#7
 Trichlorofluoromethane
 Concen: 51.022 ug/l
 RT: 3.162 min Scan# 216
 Delta R.T. 0.025 min
 Lab File: VY017027.D
 Acq: 17 Jan 2024 21:35

Instrument :
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 ClientSampleId :

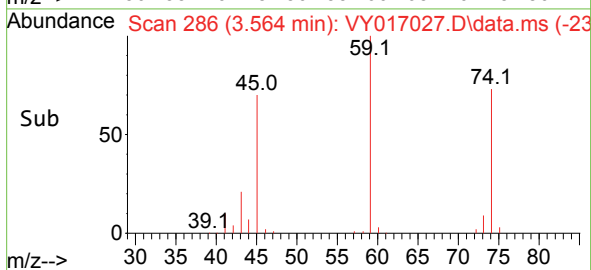
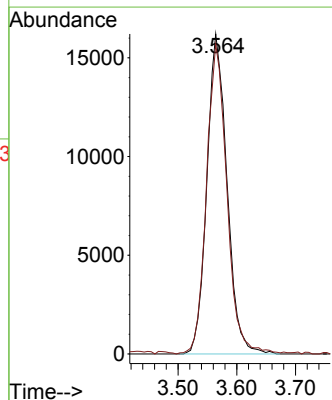
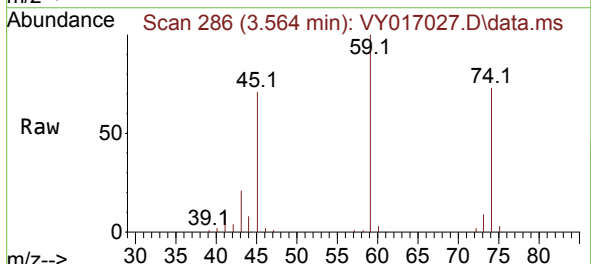


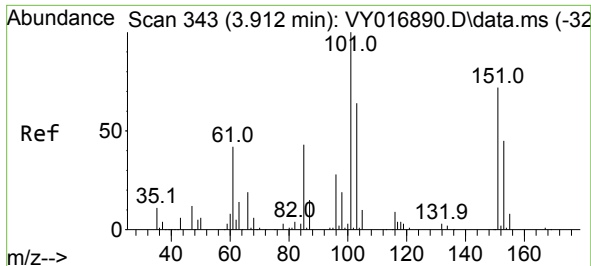
Tgt Ion:101 Resp: 108672
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 56.723 ug/l
 RT: 3.564 min Scan# 286
 Delta R.T. 0.024 min
 Lab File: VY017027.D
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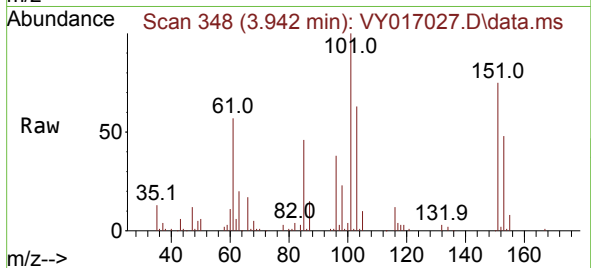
Tgt Ion: 74 Resp: 38610
 Ion Ratio Lower Upper
 74 100
 45 98.2 47.9 143.7



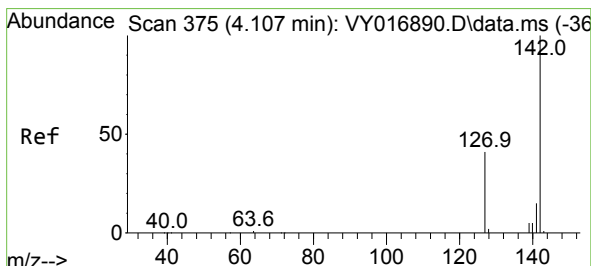
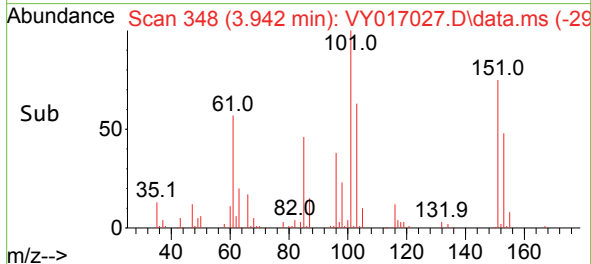
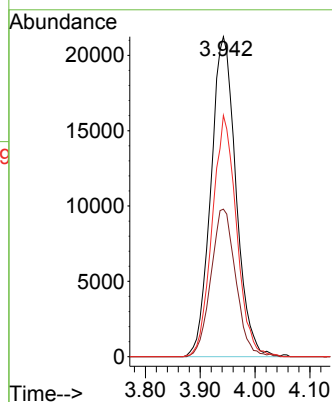


#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.708 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Instrument :
MSVOA_Y
ClientSampleId :

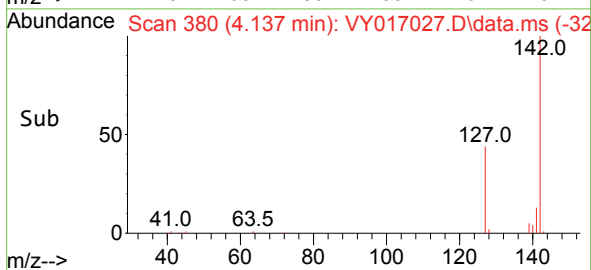
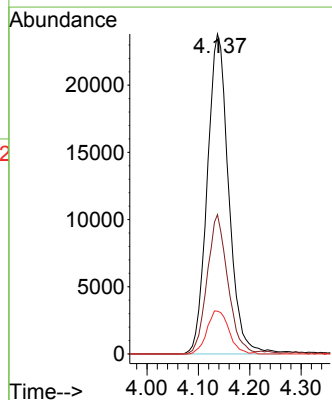
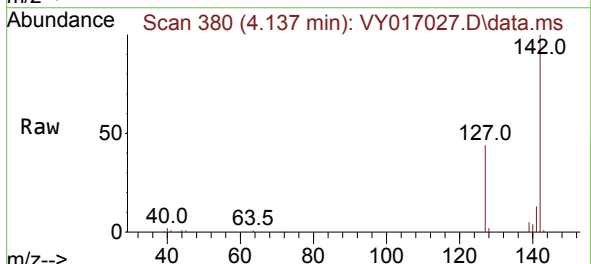


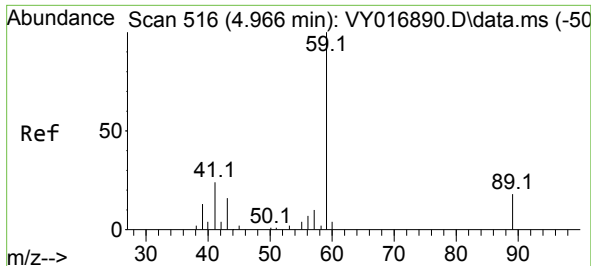
Tgt Ion:101 Resp: 67455
Ion Ratio Lower Upper
101 100
85 45.7 35.8 53.6
151 73.2 58.6 88.0



#10
Methyl Iodide
Concen: 58.418 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion:142 Resp: 68826
Ion Ratio Lower Upper
142 100
127 42.2 35.1 52.7
141 13.9 11.8 17.6

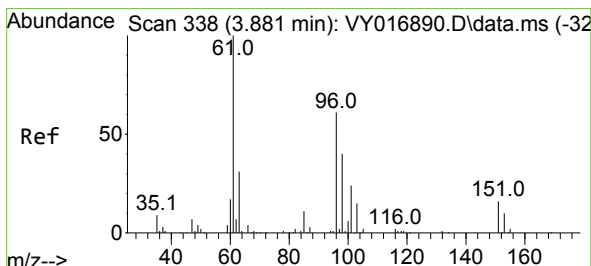
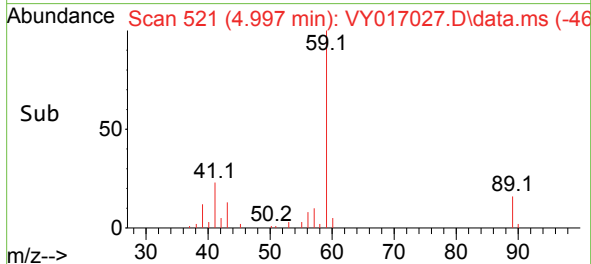
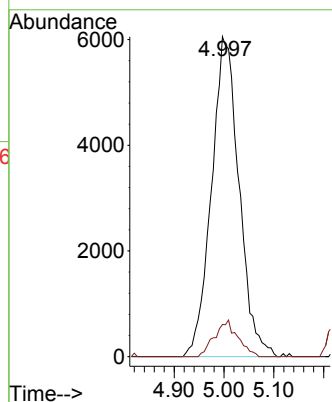
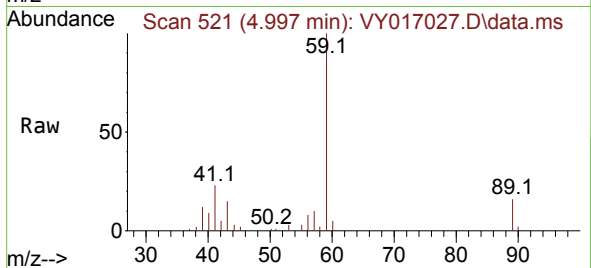




#11
Tert butyl alcohol
Concen: 260.715 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

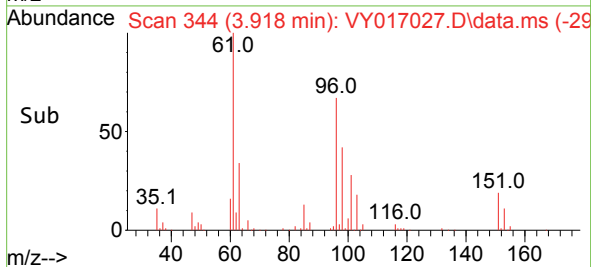
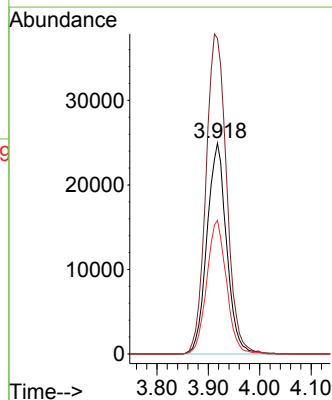
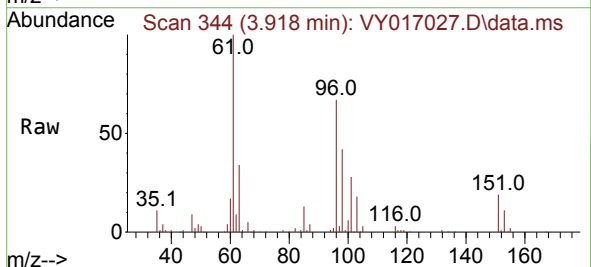
Instrument :
MSVOA_Y
ClientSampleId :

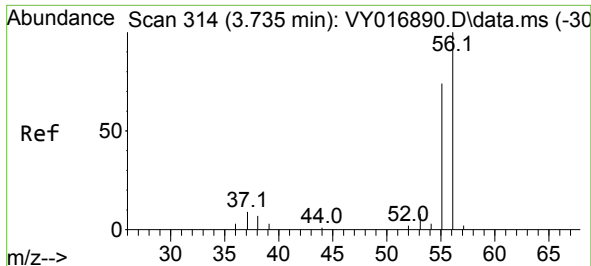
Tgt Ion: 59 Resp: 23258
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 55.651 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 96 Resp: 66126
Ion Ratio Lower Upper
96 100
61 149.6 124.2 186.2
98 63.4 52.6 79.0





#13

Acrolein

Concen: 215.552 ug/l

RT: 3.765 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

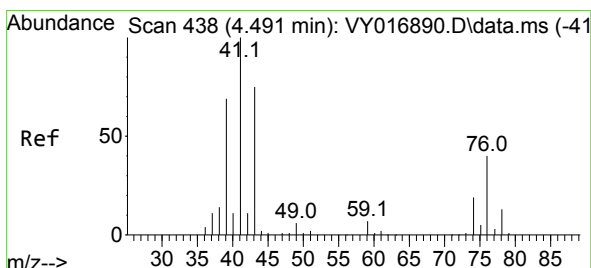
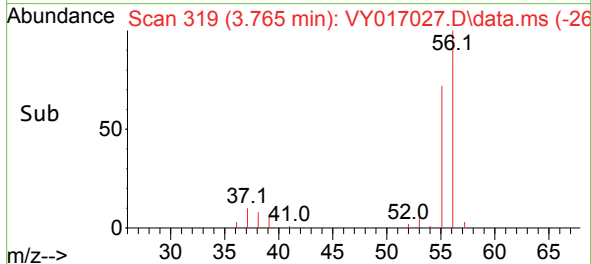
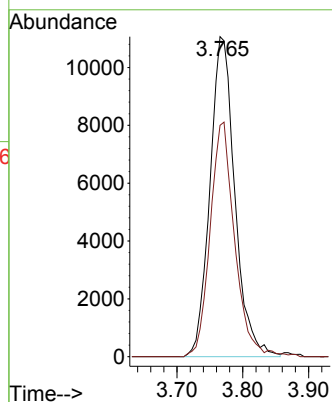
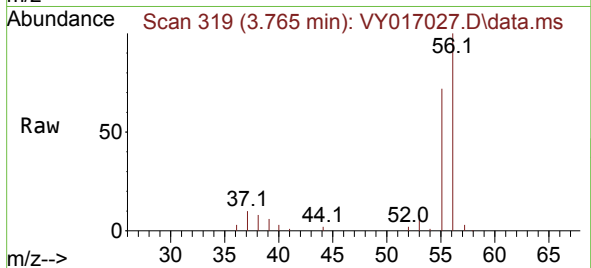
ClientSampleId :

Tgt Ion: 56 Resp: 29129

Ion Ratio Lower Upper

56 100

55 72.2 55.4 83.0



#14

Allyl chloride

Concen: 57.012 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.030 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

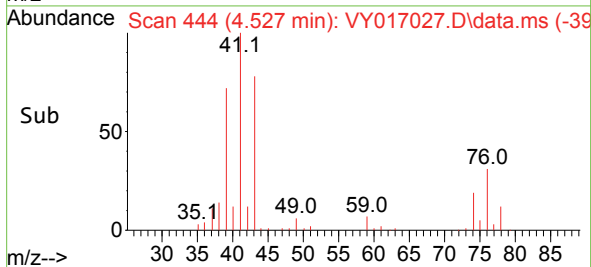
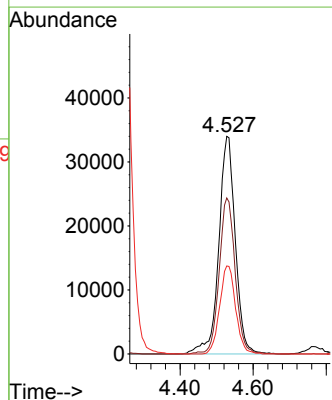
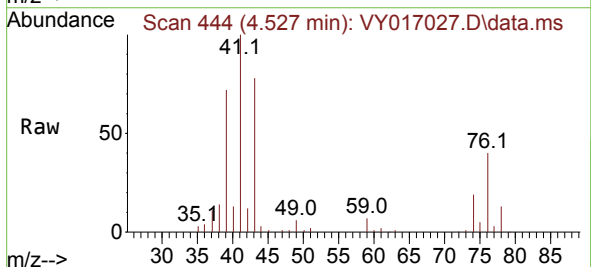
Tgt Ion: 41 Resp: 107094

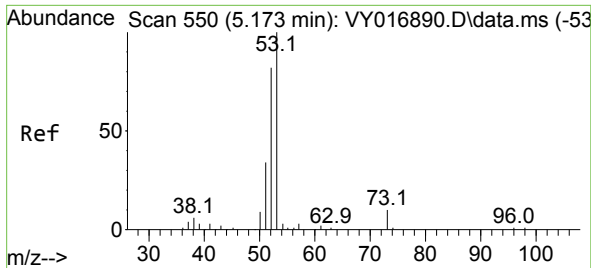
Ion Ratio Lower Upper

41 100

39 69.5 54.7 82.1

76 39.0 31.8 47.6





#15

Acrylonitrile

Concen: 273.061 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY017027.D

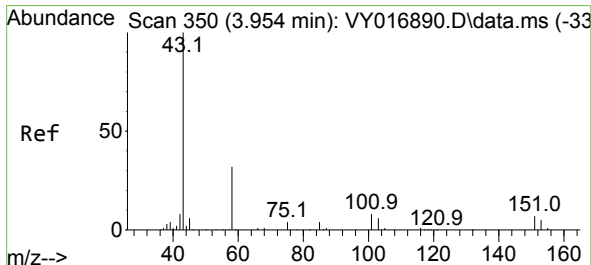
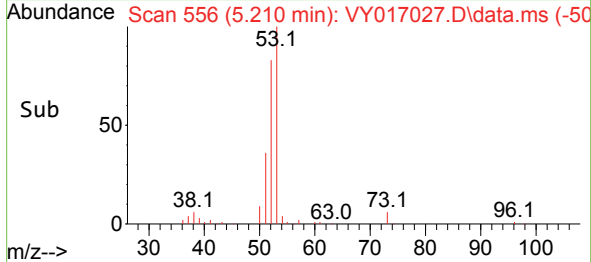
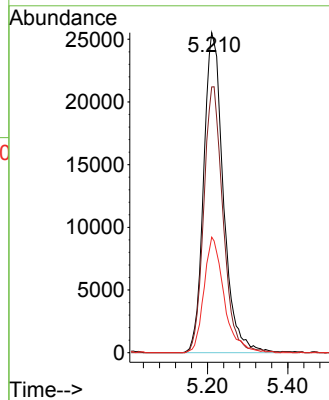
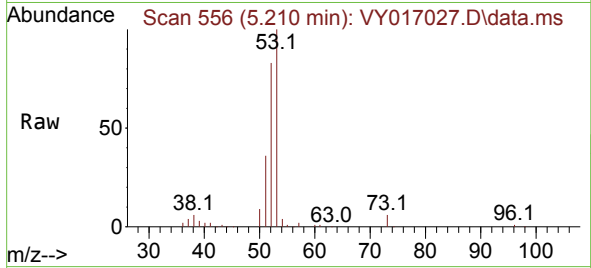
Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 86938
Ion Ratio	Lower Upper
53	100
52	81.4 65.1 97.7
51	37.0 29.0 43.4



#16

Acetone

Concen: 264.156 ug/l

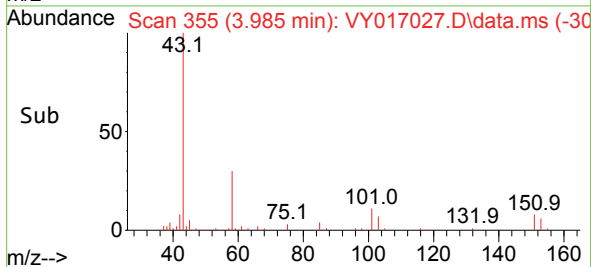
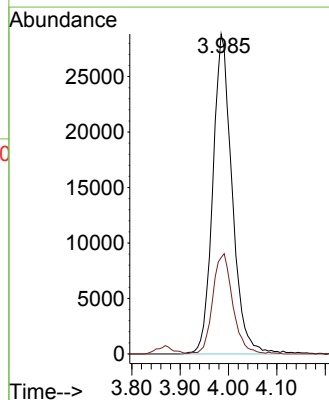
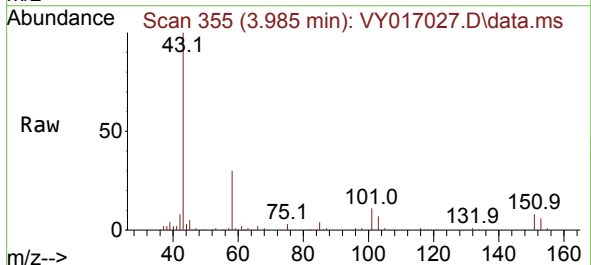
RT: 3.985 min Scan# 355

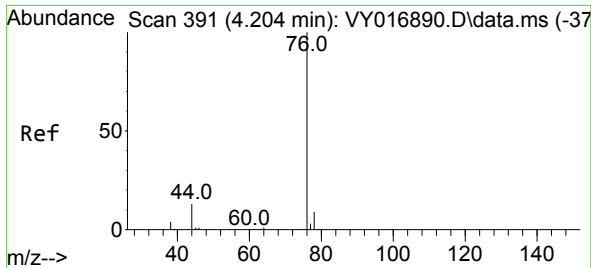
Delta R.T. 0.025 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Tgt Ion: 43	Resp: 79859
Ion Ratio	Lower Upper
43	100
58	29.9 26.6 39.8





#17

Carbon Disulfide

Concen: 73.820 ug/l

RT: 4.241 min Scan# 391

Delta R.T. 0.031 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

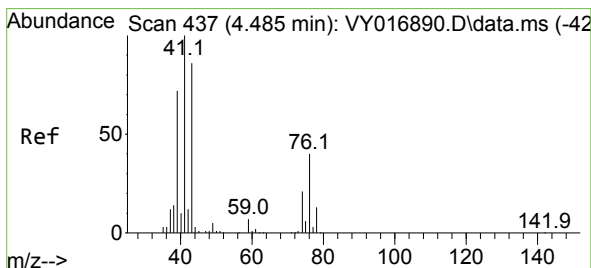
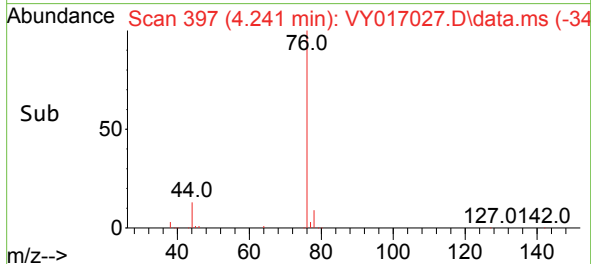
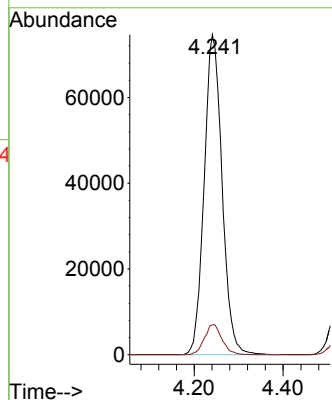
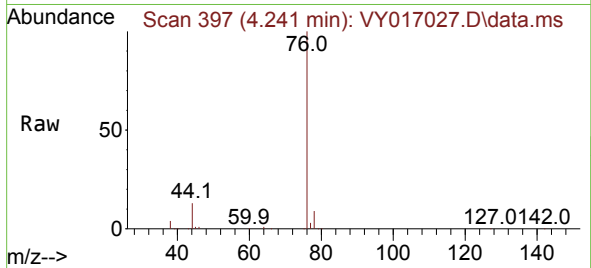
ClientSampleId :

Tgt Ion: 76 Resp: 209587

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 63.618 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017027.D

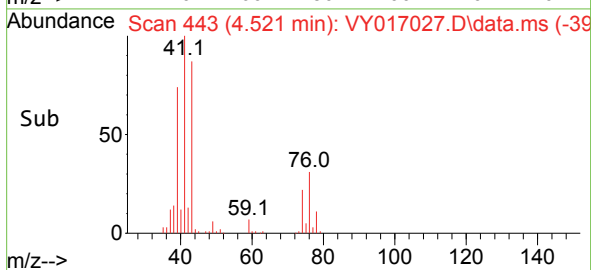
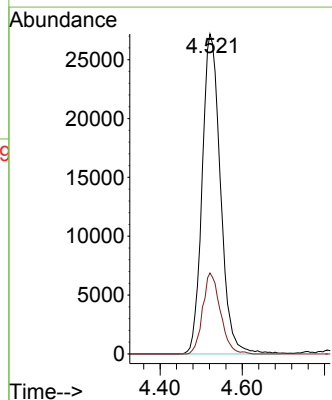
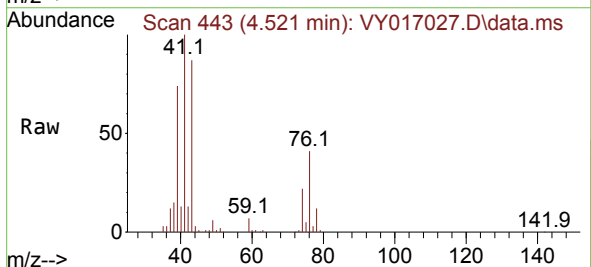
Acq: 17 Jan 2024 21:35

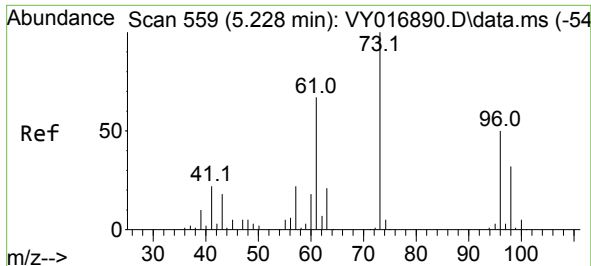
Tgt Ion: 43 Resp: 84040

Ion Ratio Lower Upper

43 100

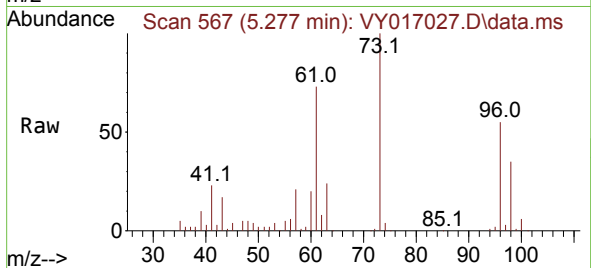
74 24.4 19.8 29.6



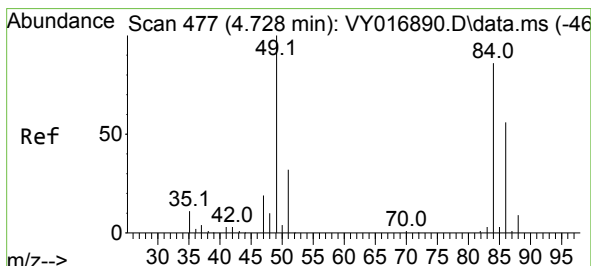
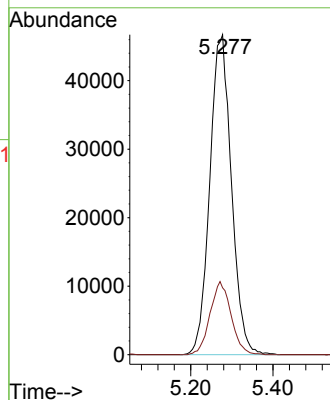
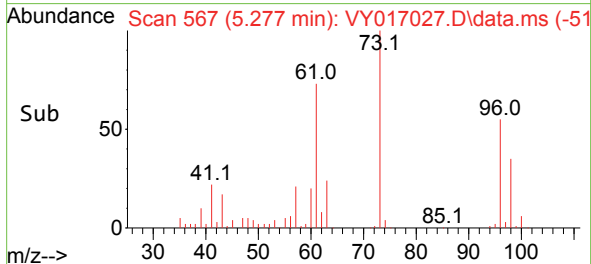


#19
Methyl tert-butyl Ether
Concen: 55.137 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.043 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Instrument :
MSVOA_Y
ClientSampleId :

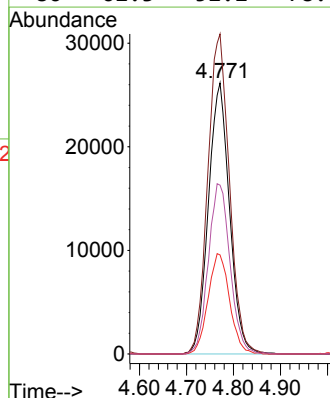
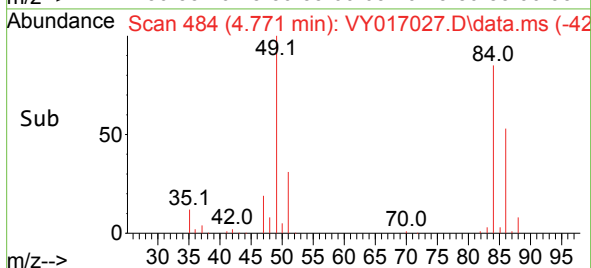
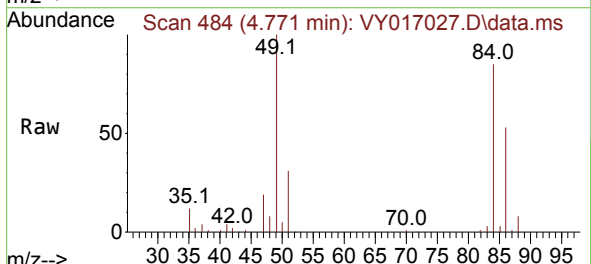


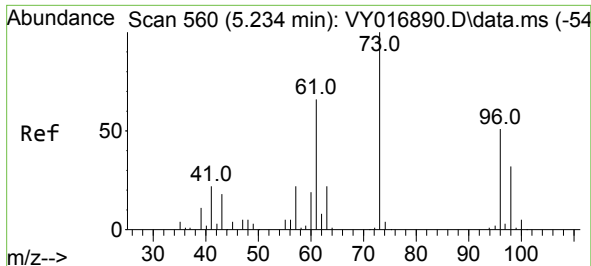
Tgt Ion: 73 Resp: 170447
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 51.532 ug/l
RT: 4.771 min Scan# 484
Delta R.T. 0.037 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 84 Resp: 81519
Ion Ratio Lower Upper
84 100
49 118.0 95.2 142.8
51 36.5 29.9 44.9
86 62.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 58.674 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.037 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

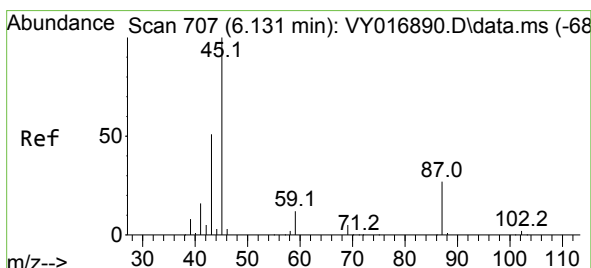
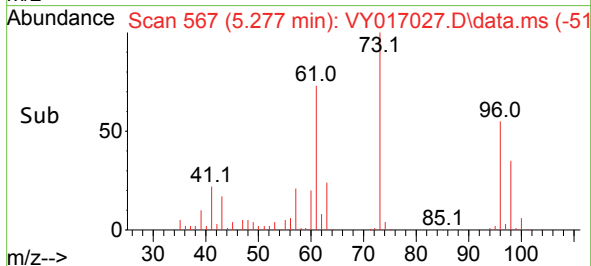
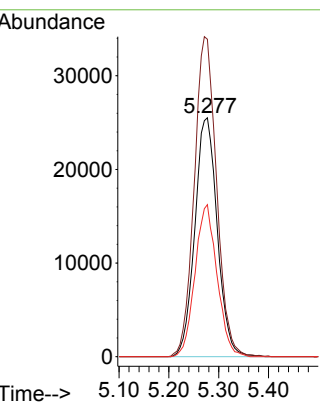
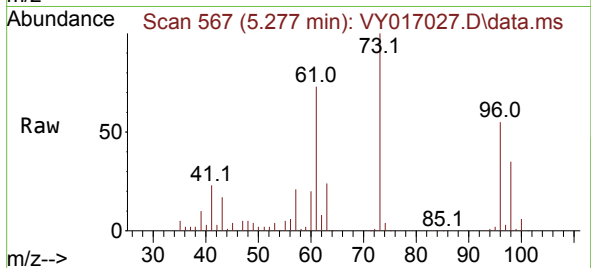
Tgt Ion: 96 Resp: 79848

Ion Ratio Lower Upper

96 100

61 132.9 104.6 156.8

98 63.7 50.9 76.3



#22

Diisopropyl ether

Concen: 55.074 ug/l

RT: 6.167 min Scan# 713

Delta R.T. 0.036 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Tgt Ion: 45 Resp: 239174

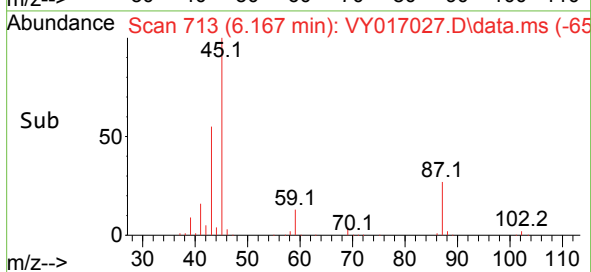
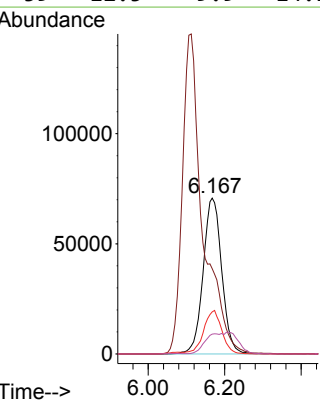
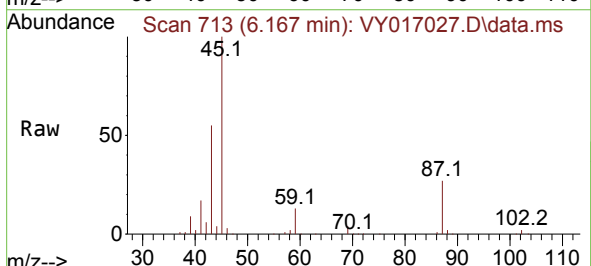
Ion Ratio Lower Upper

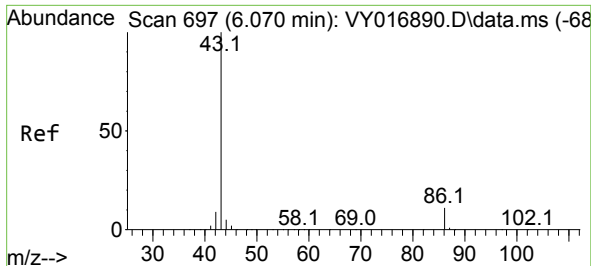
45 100

43 54.3 46.8 70.2

87 27.0 22.2 33.2

59 12.5 9.9 14.9

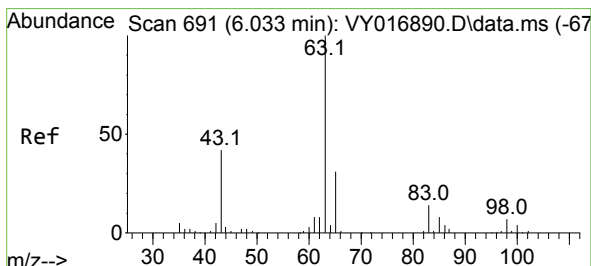
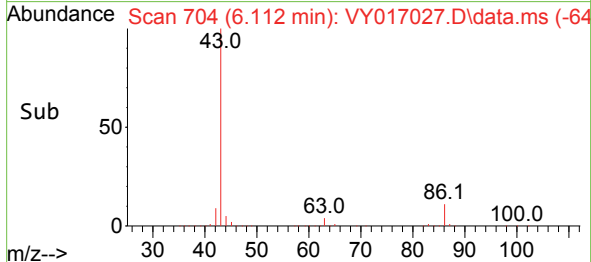
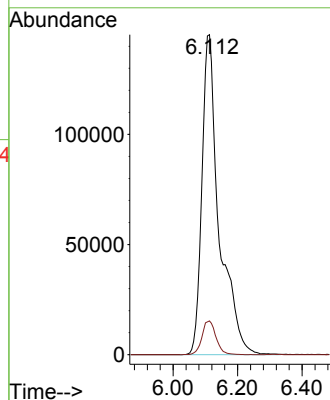
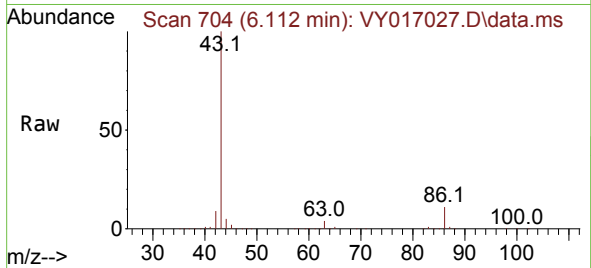




#23
 Vinyl Acetate
 Concen: 270.887 ug/l
 RT: 6.112 min Scan# 704
 Delta R.T. 0.036 min
 Lab File: VY017027.D
 Acq: 17 Jan 2024 21:35

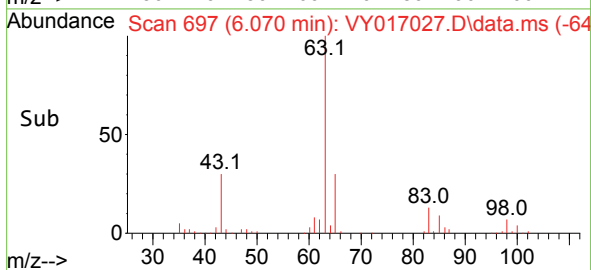
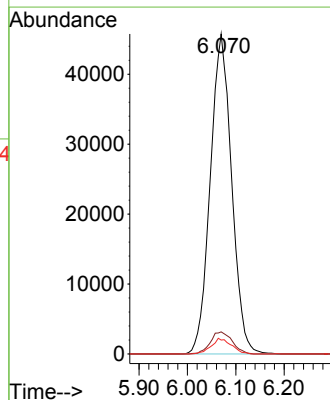
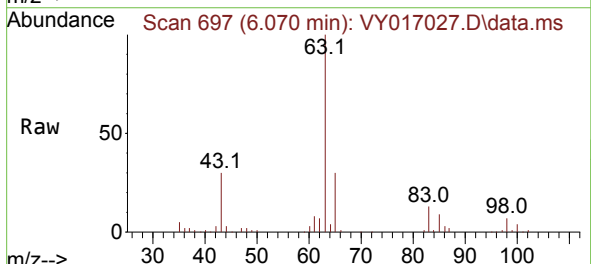
Instrument :
 MSVOA_Y
 ClientSampleId :

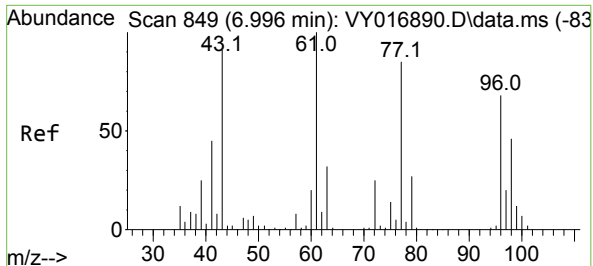
Tgt Ion: 43 Resp: 539409
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.823 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.037 min
 Lab File: VY017027.D
 Acq: 17 Jan 2024 21:35

Tgt Ion: 63 Resp: 140462
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 275.882 ug/l

RT: 7.033 min Scan# 855

Delta R.T. 0.037 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

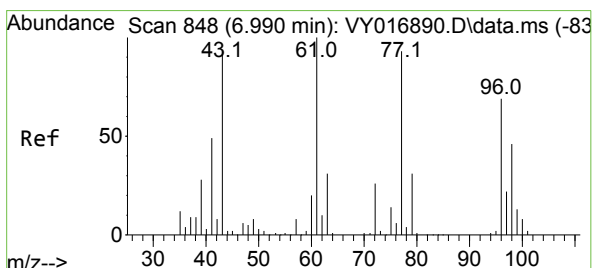
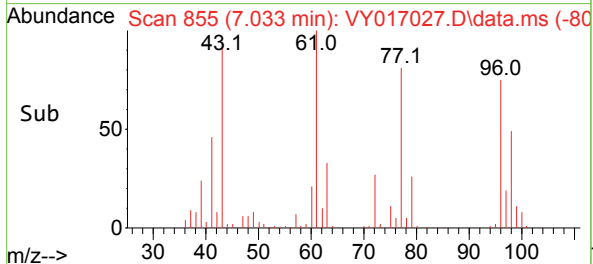
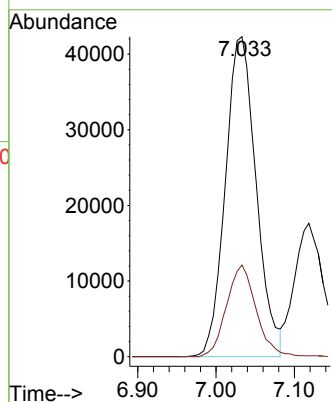
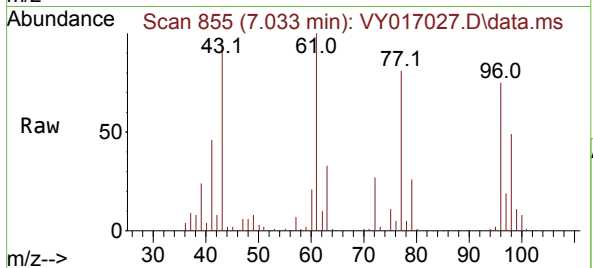
ClientSampleId :

Tgt Ion: 43 Resp: 115661

Ion Ratio Lower Upper

43 100

72 28.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.624 ug/l

RT: 7.033 min Scan# 855

Delta R.T. 0.037 min

Lab File: VY017027.D

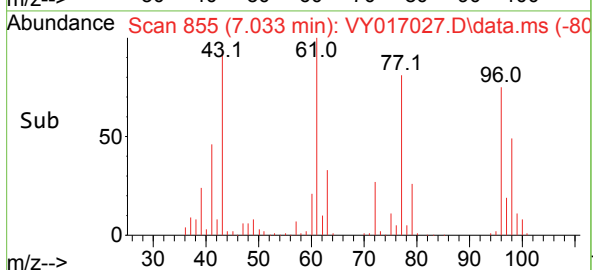
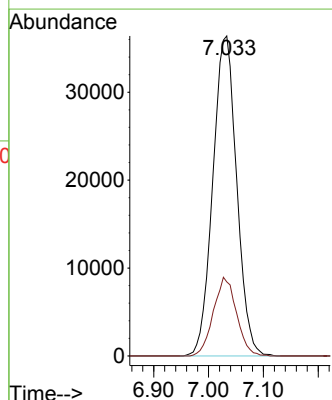
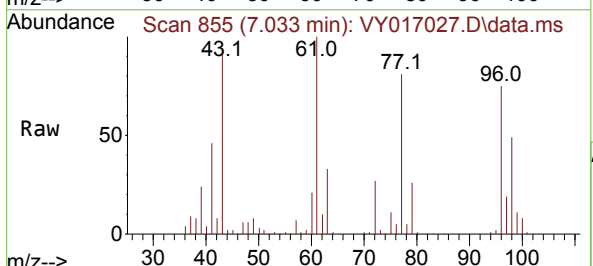
Acq: 17 Jan 2024 21:35

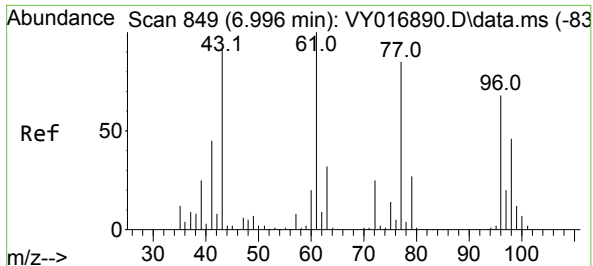
Tgt Ion: 77 Resp: 110023

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0

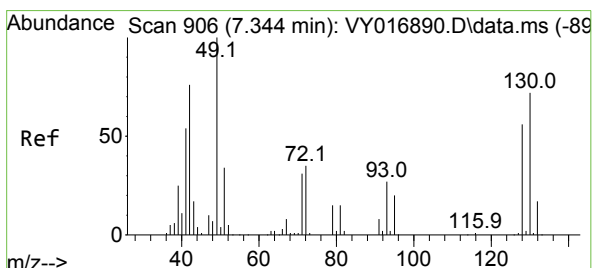
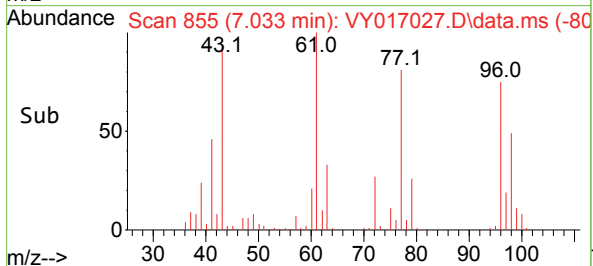
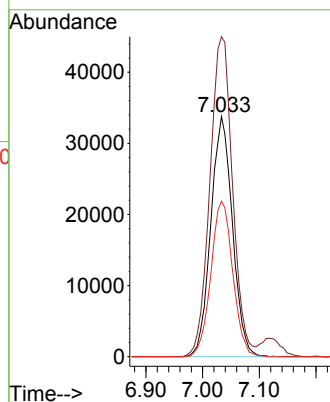
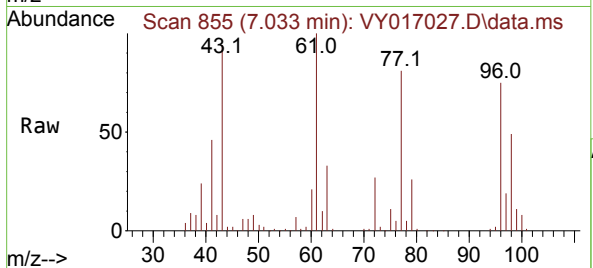




#27
cis-1,2-Dichloroethene
Concen: 56.115 ug/l
RT: 7.033 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

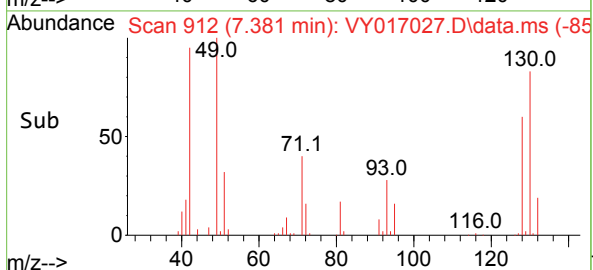
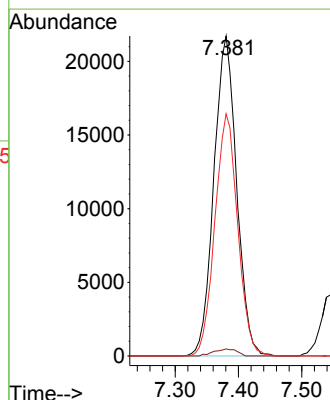
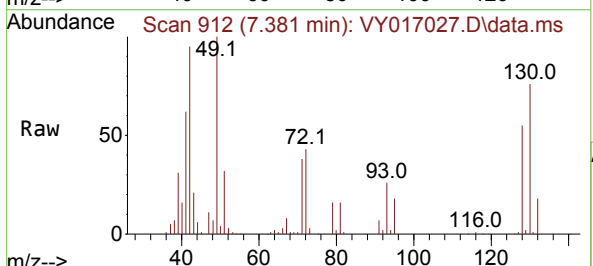
Instrument :
MSVOA_Y
ClientSampleId :

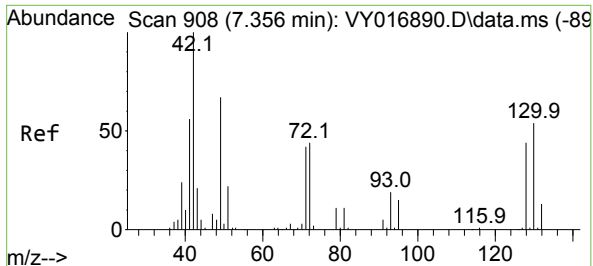
Tgt Ion: 96 Resp: 89518
Ion Ratio Lower Upper
96 100
61 139.8 0.0 278.8
98 65.6 0.0 127.0



#28
Bromochloromethane
Concen: 55.308 ug/l
RT: 7.381 min Scan# 912
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 49 Resp: 54187
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 75.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 280.361 ug/l

RT: 7.393 min Scan# 91

Delta R.T. 0.031 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

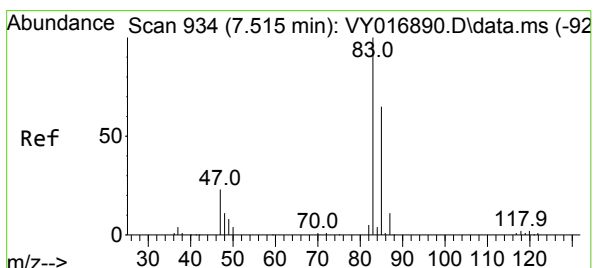
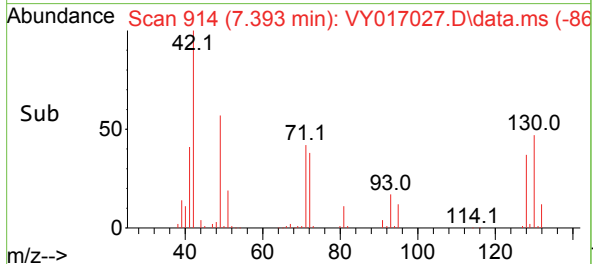
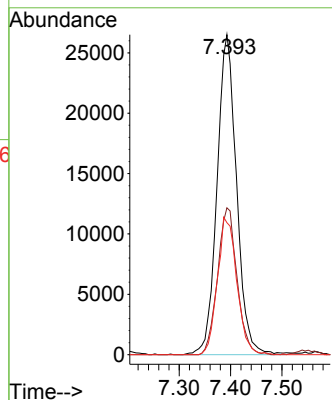
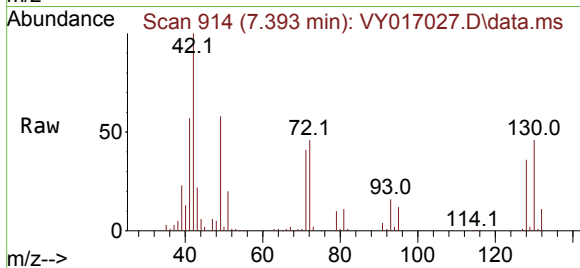
Tgt Ion: 42 Resp: 69966

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 42.7 33.8 50.6



#30

Chloroform

Concen: 53.364 ug/l

RT: 7.551 min Scan# 940

Delta R.T. 0.030 min

Lab File: VY017027.D

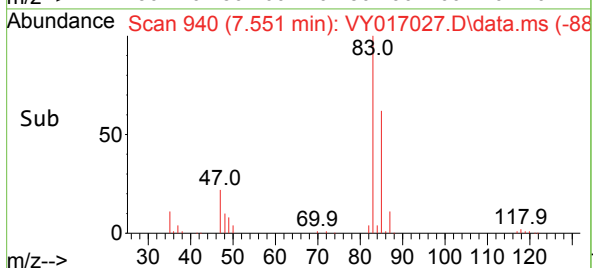
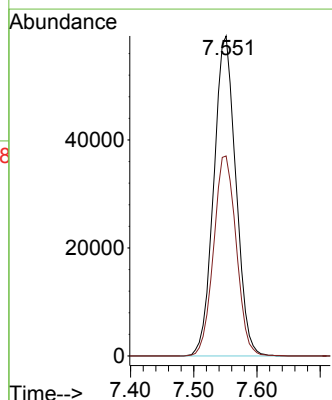
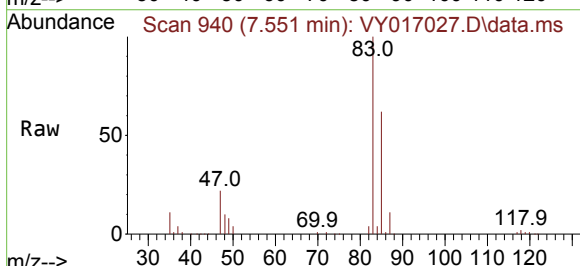
Acq: 17 Jan 2024 21:35

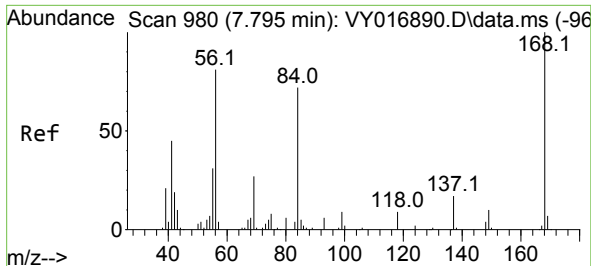
Tgt Ion: 83 Resp: 143516

Ion Ratio Lower Upper

83 100

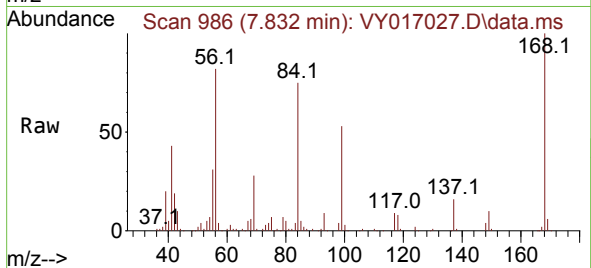
85 62.5 51.2 76.8



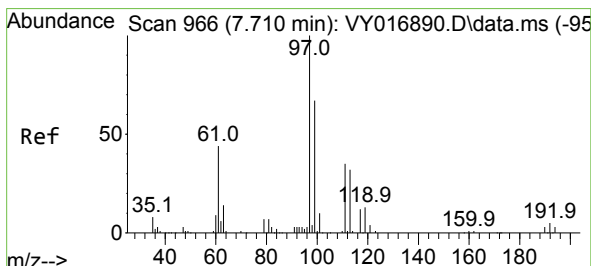
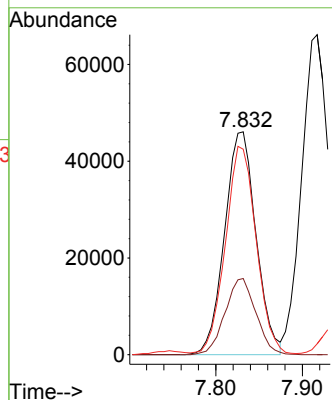
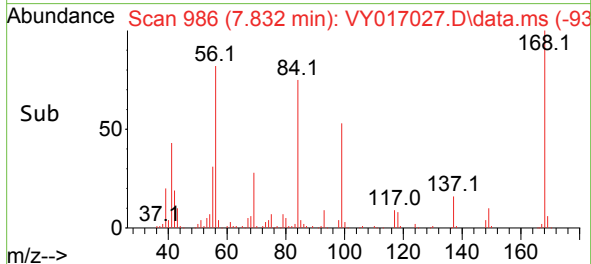


#31
Cyclohexane
Concen: 54.927 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

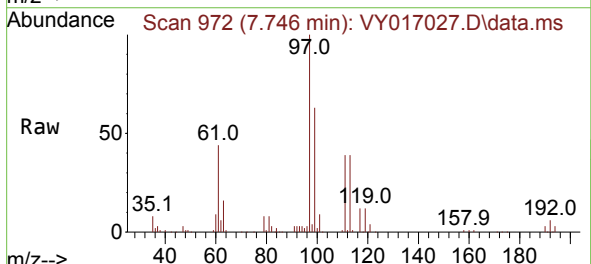
Instrument :
MSVOA_Y
ClientSampleId :



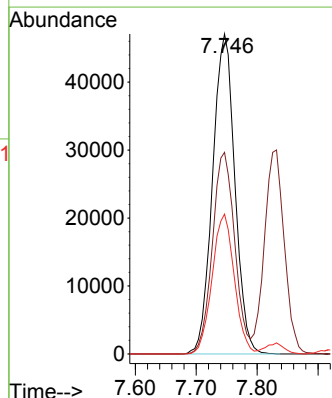
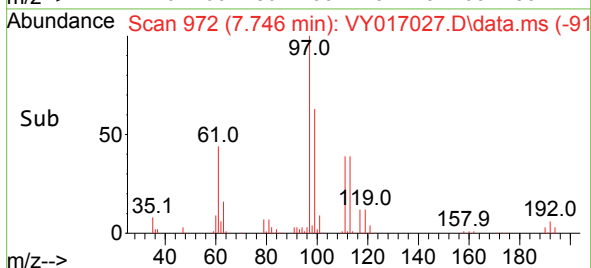
Tgt Ion: 56 Resp: 116238
Ion Ratio Lower Upper
56 100
69 34.2 27.0 40.6
84 91.0 71.8 107.6

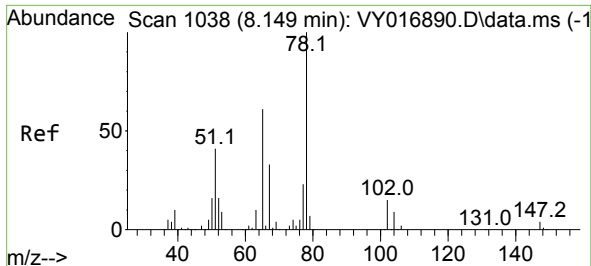


#32
1,1,1-Trichloroethane
Concen: 52.414 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.030 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35



Tgt Ion: 97 Resp: 119520
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 43.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 43.511 ug/l

RT: 8.179 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

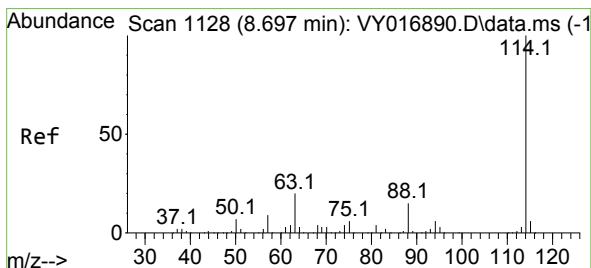
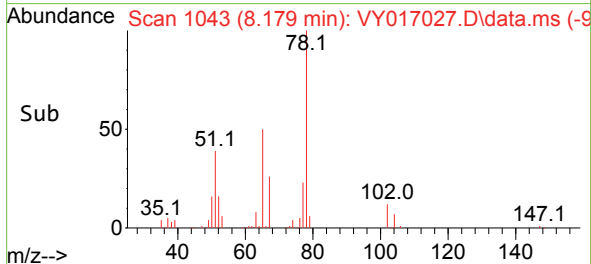
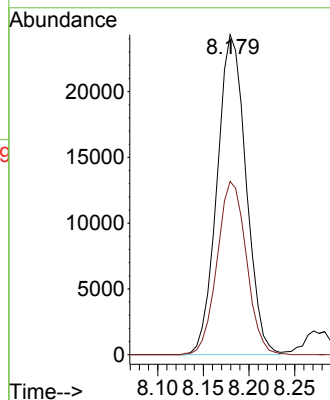
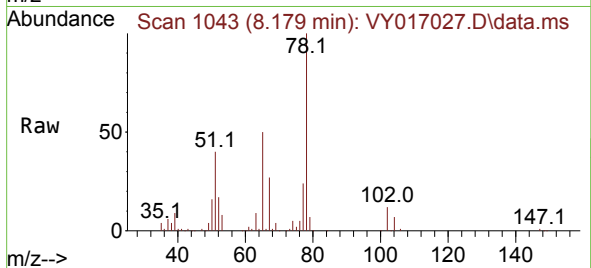
ClientSampleId :

Tgt Ion: 65 Resp: 53650

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1133

Delta R.T. 0.025 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

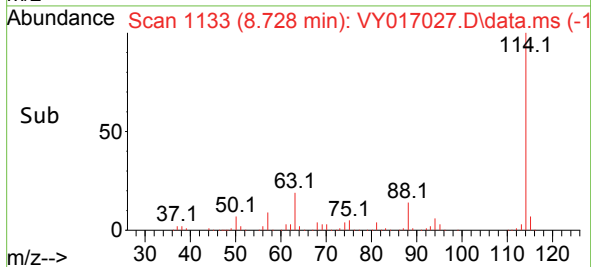
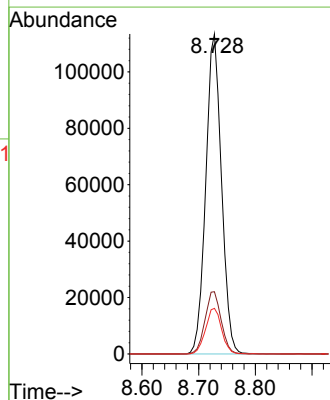
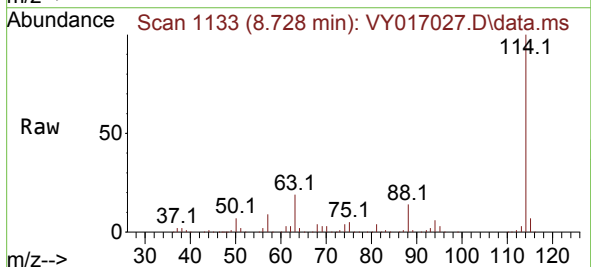
Tgt Ion: 114 Resp: 217884

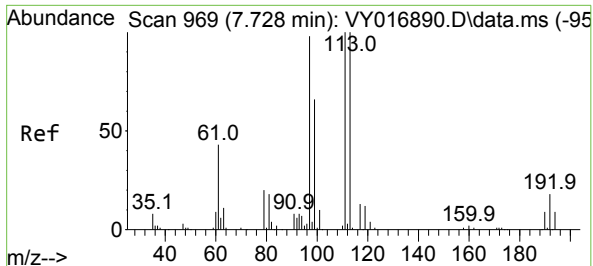
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.2 0.0 29.0

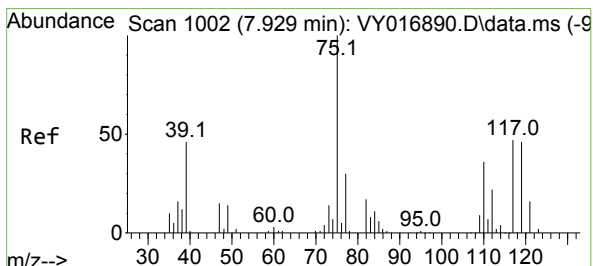
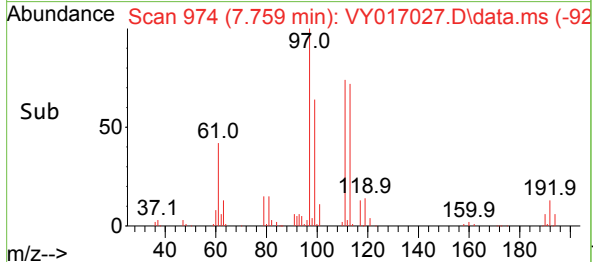
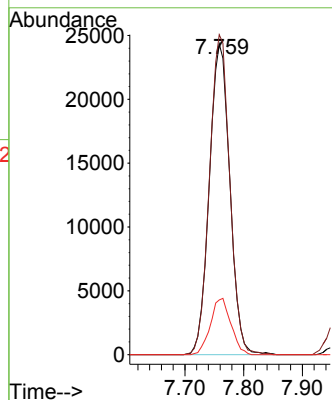
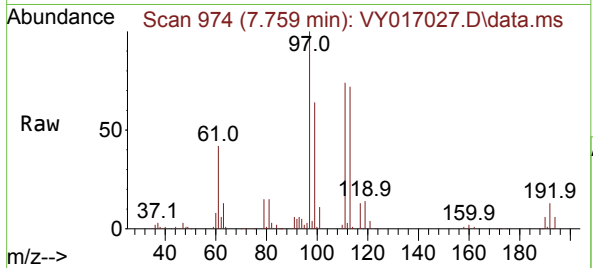




#35
Dibromofluoromethane
Concen: 42.515 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

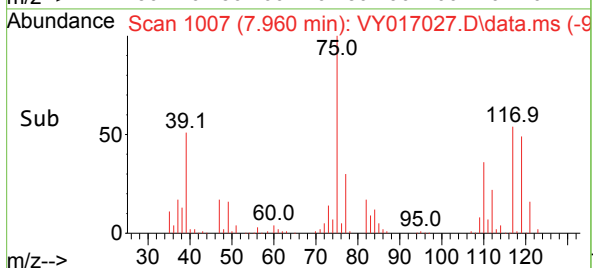
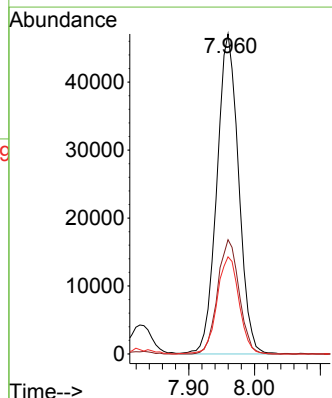
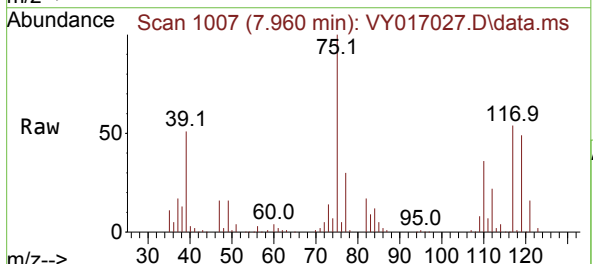
Instrument :
MSVOA_Y
ClientSampleId :

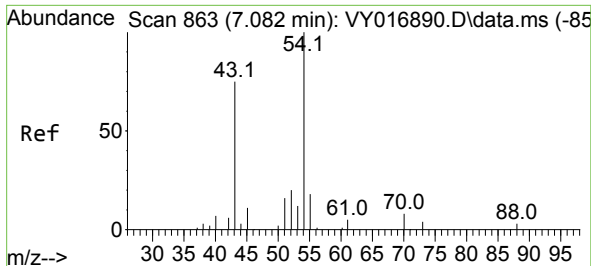
Tgt Ion:113 Resp: 59030
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 53.529 ug/l
RT: 7.960 min Scan# 1007
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 75 Resp: 108313
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 50.867 ug/l

RT: 7.118 min Scan# 80

Delta R.T. 0.030 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

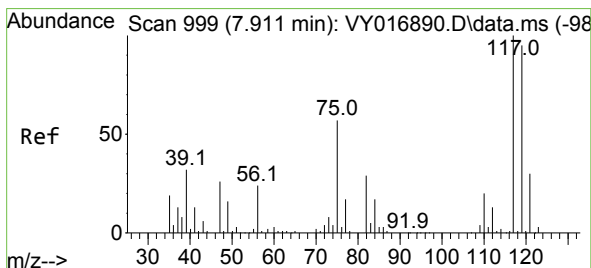
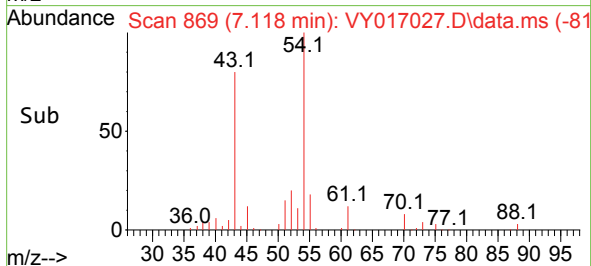
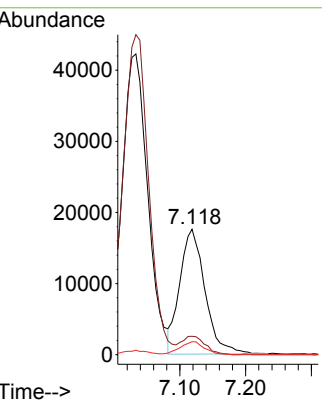
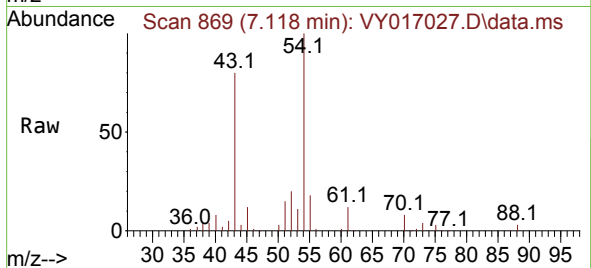
Tgt Ion: 43 Resp: 46774

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.859 ug/l

RT: 7.941 min Scan# 1004

Delta R.T. 0.024 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

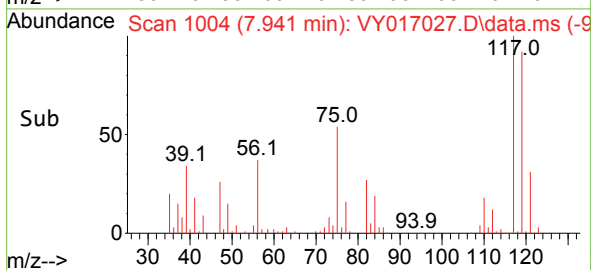
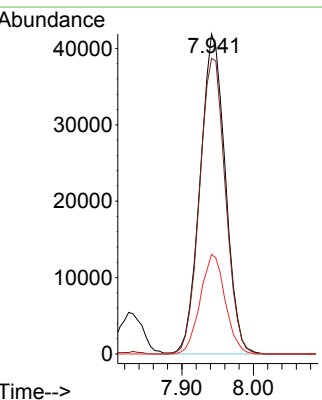
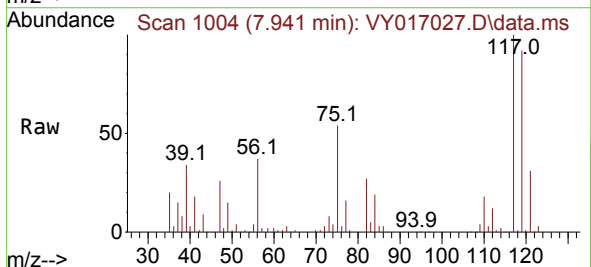
Tgt Ion:117 Resp: 102500

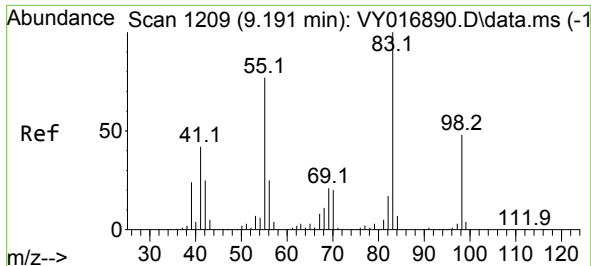
Ion Ratio Lower Upper

117 100

119 92.3 76.0 114.0

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 57.083 ug/l

RT: 9.222 min Scan# 1

Delta R.T. 0.031 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

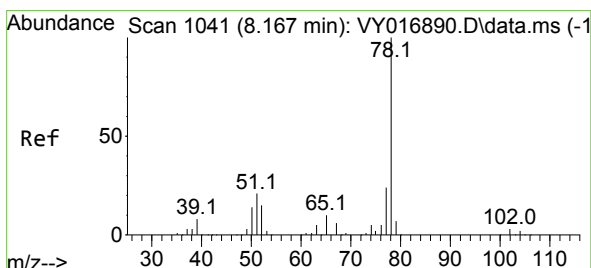
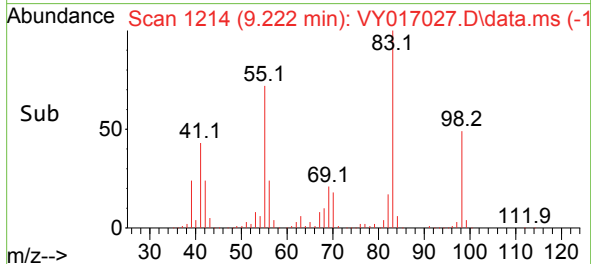
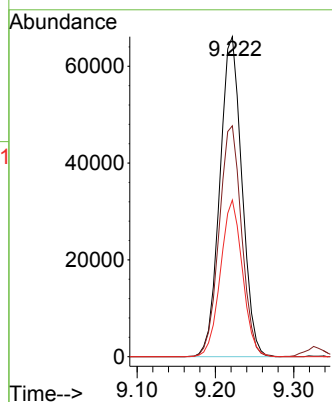
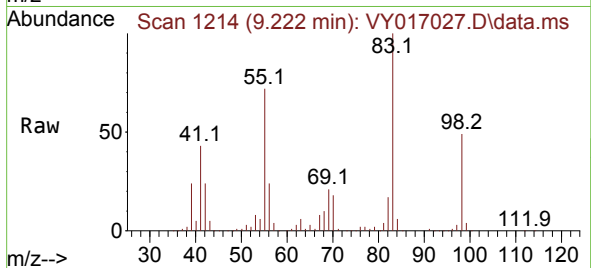
Tgt Ion: 83 Resp: 129848

Ion Ratio Lower Upper

83 100

55 72.2 59.7 89.5

98 49.0 38.0 57.0



#40

Benzene

Concen: 54.266 ug/l

RT: 8.204 min Scan# 1047

Delta R.T. 0.031 min

Lab File: VY017027.D

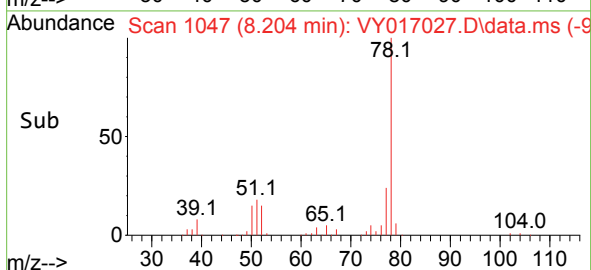
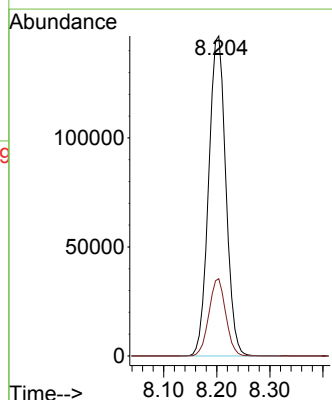
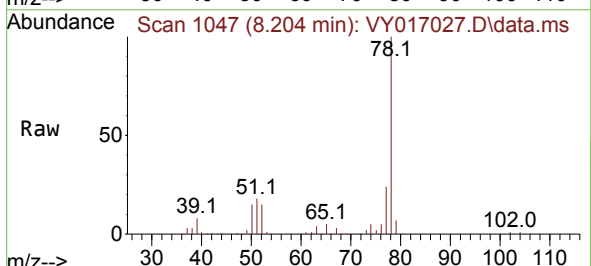
Acq: 17 Jan 2024 21:35

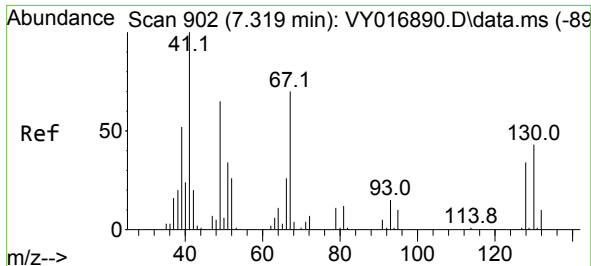
Tgt Ion: 78 Resp: 329388

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

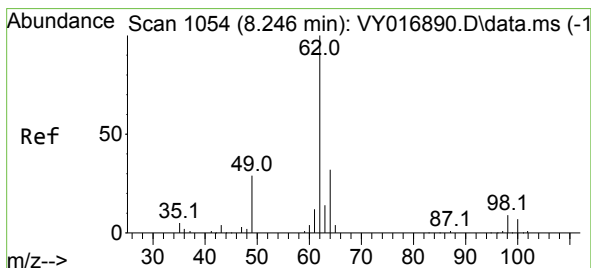
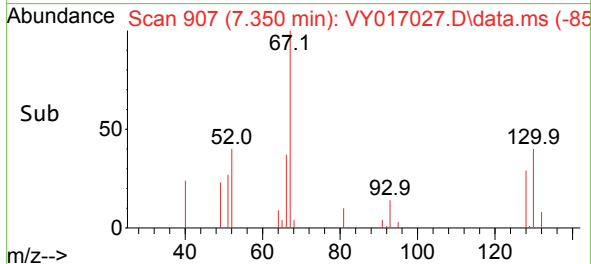
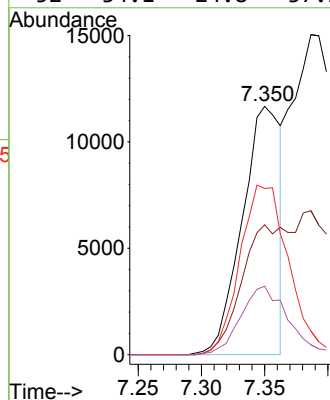
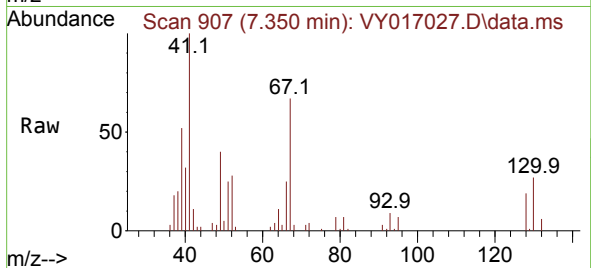




#41
Methacrylonitrile
Concen: 50.916 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

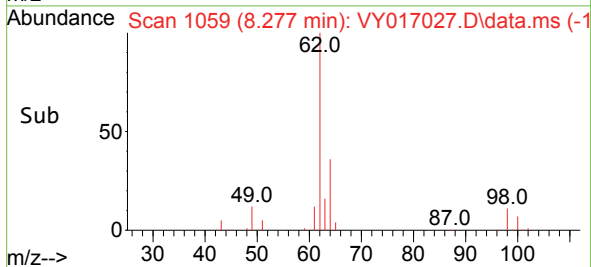
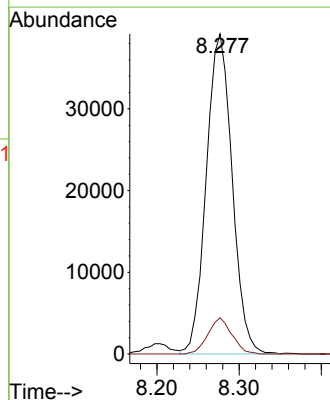
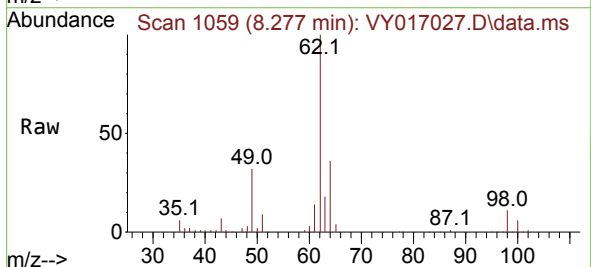
Instrument :
MSVOA_Y
ClientSampleId :

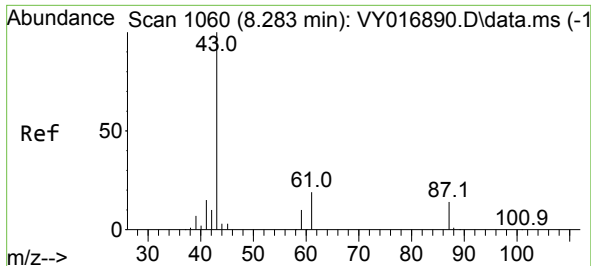
Tgt Ion: 41	Resp: 24658
Ion Ratio	Lower Upper
41 100	
39 61.9	41.9 62.9
67 87.1	59.8 89.6
52 34.1	24.8 37.2



#42
1,2-Dichloroethane
Concen: 53.188 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.025 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 62	Resp: 85708
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2

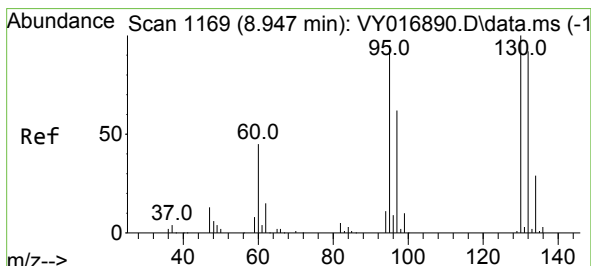
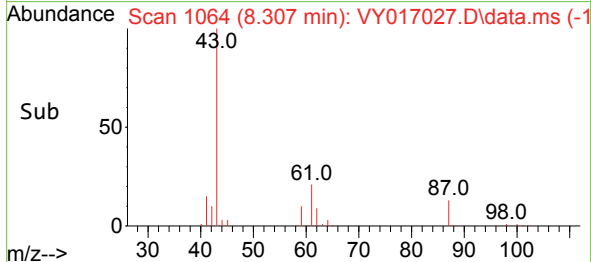
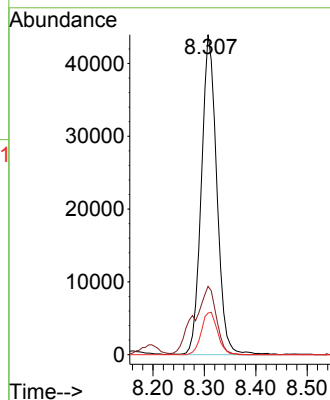
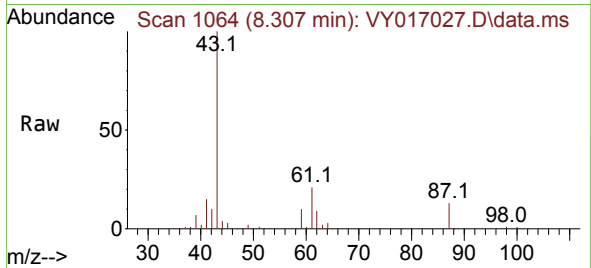




#43
Isopropyl Acetate
Concen: 51.948 ug/l
RT: 8.307 min Scan# 1174
Delta R.T. 0.024 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

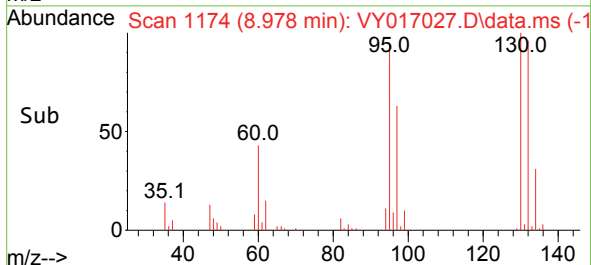
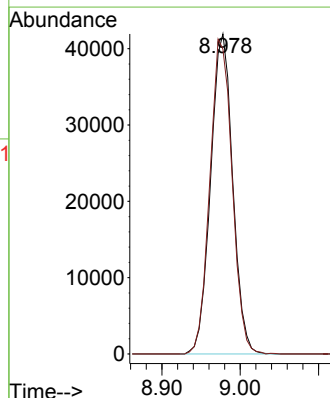
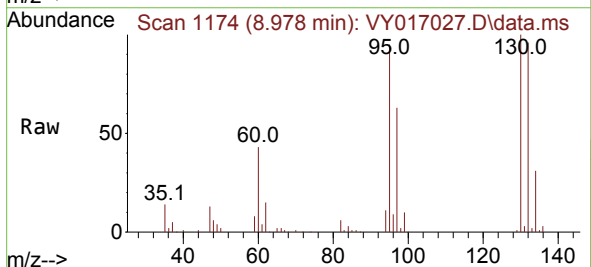
Instrument :
MSVOA_Y
ClientSampleId :

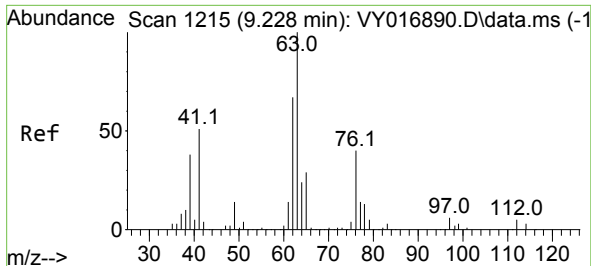
Tgt Ion: 43 Resp: 91475
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 53.084 ug/l
RT: 8.978 min Scan# 1174
Delta R.T. 0.031 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 130 Resp: 81991
Ion Ratio Lower Upper
130 100
95 95.2 0.0 203.8

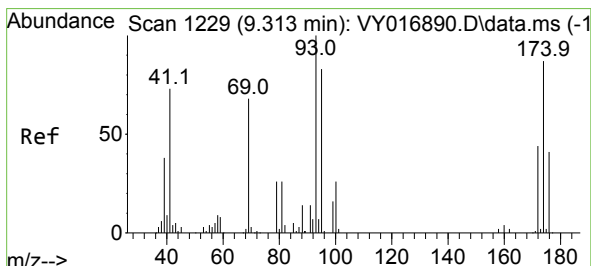
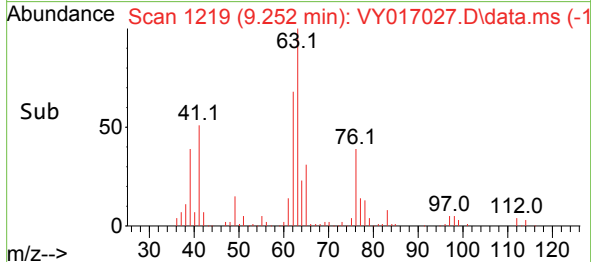
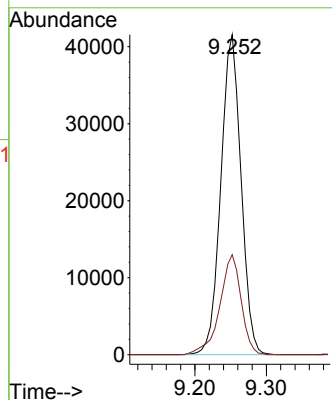
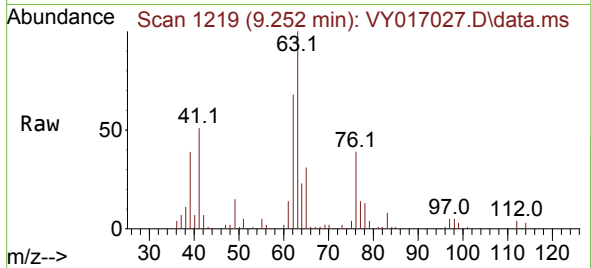




#45
1,2-Dichloropropane
Concen: 52.135 ug/l
RT: 9.252 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

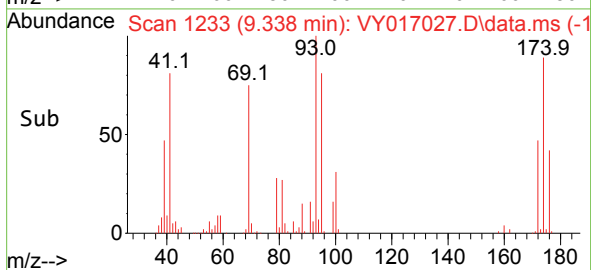
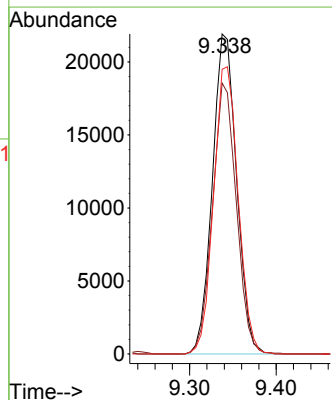
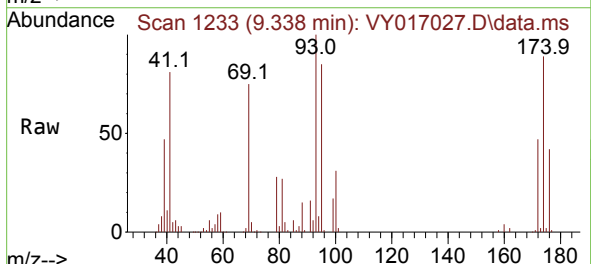
Instrument :
MSVOA_Y
ClientSampleId :

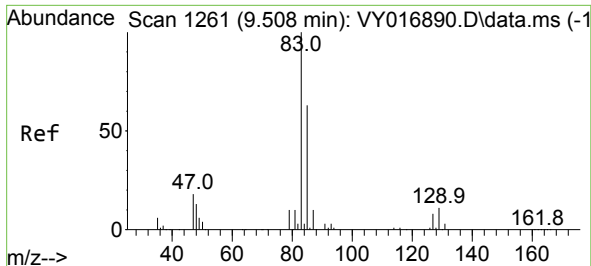
Tgt Ion: 63 Resp: 81526
Ion Ratio Lower Upper
63 100
65 31.2 24.6 36.8



#46
Dibromomethane
Concen: 53.360 ug/l
RT: 9.338 min Scan# 1233
Delta R.T. 0.024 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 93 Resp: 42556
Ion Ratio Lower Upper
93 100
95 83.4 66.6 99.8
174 91.0 73.8 110.6

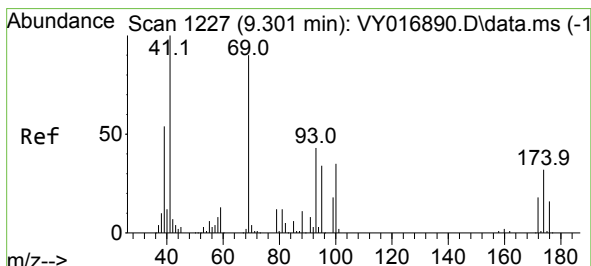
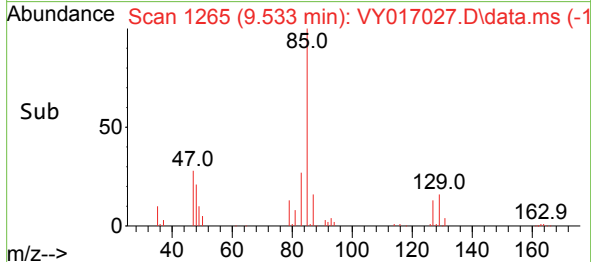
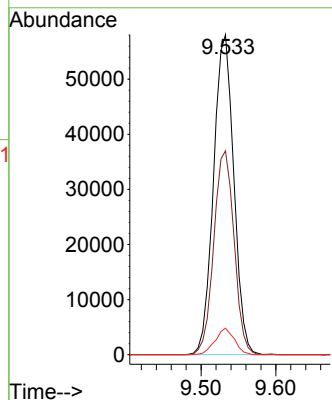
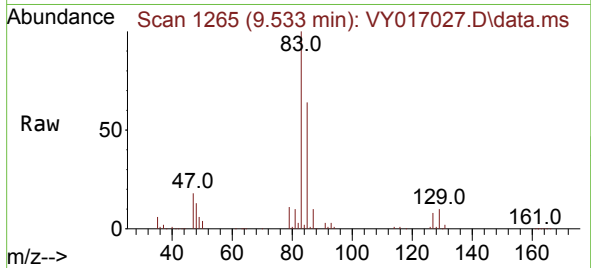




#47
Bromodichloromethane
Concen: 51.101 ug/l
RT: 9.533 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

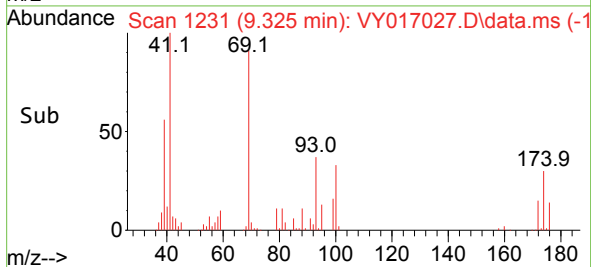
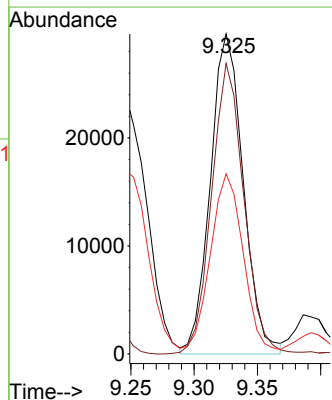
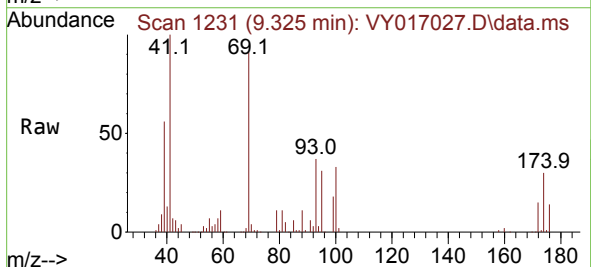
Instrument :
MSVOA_Y
ClientSampleId :

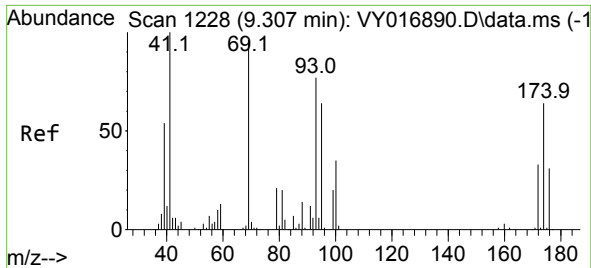
Tgt Ion: 83 Resp: 109437
Ion Ratio Lower Upper
83 100
85 63.7 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 56.435 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.024 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 41 Resp: 53631
Ion Ratio Lower Upper
41 100
69 89.5 72.1 108.1
39 56.6 42.8 64.2

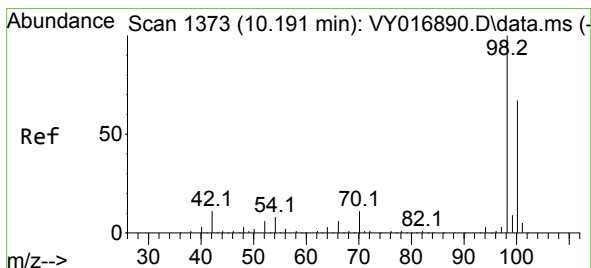
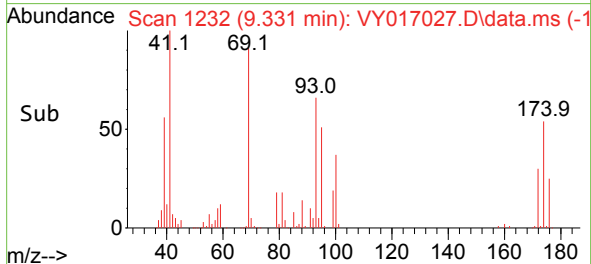
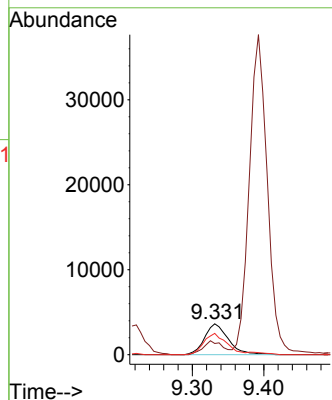
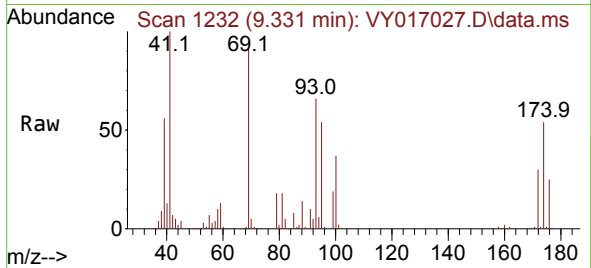




#49
1,4-Dioxane
Concen: 1016.140 ug/l
RT: 9.331 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

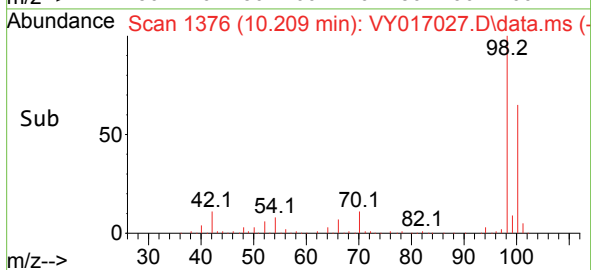
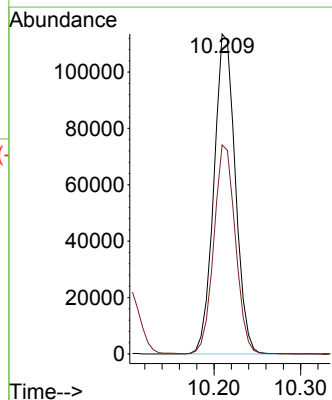
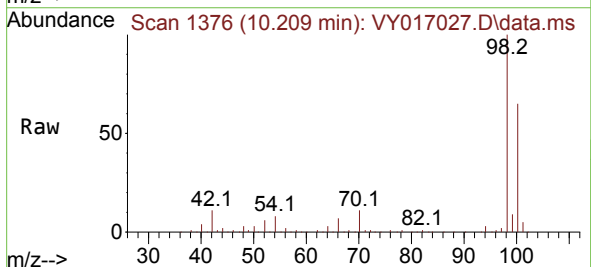
Instrument :
MSVOA_Y
ClientSampleId :

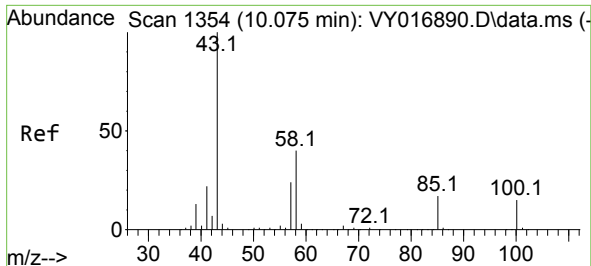
Tgt Ion: 88 Resp: 8391
Ion Ratio Lower Upper
88 100
43 38.2 28.2 42.4
58 66.0 52.2 78.2



#50
Toluene-d8
Concen: 40.783 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 98 Resp: 194986
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 264.552 ug/l

RT: 10.100 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

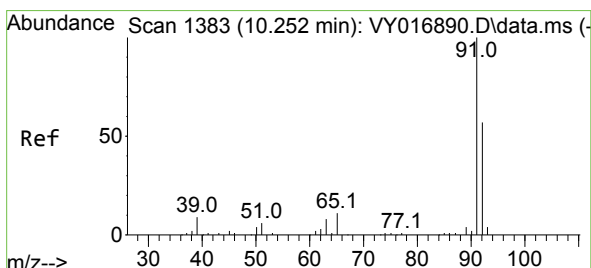
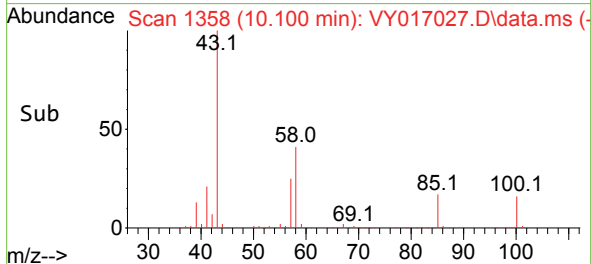
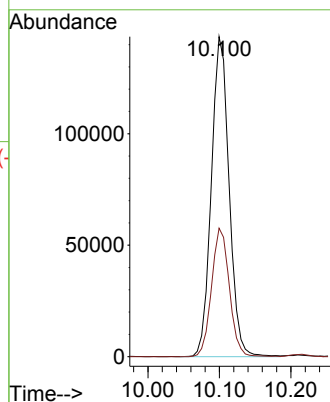
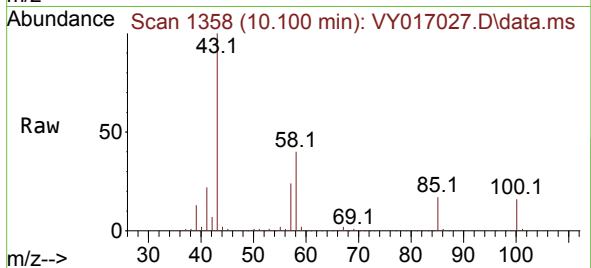
ClientSampleId :

Tgt Ion: 43 Resp: 247747

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 54.909 ug/l

RT: 10.276 min Scan# 1387

Delta R.T. 0.024 min

Lab File: VY017027.D

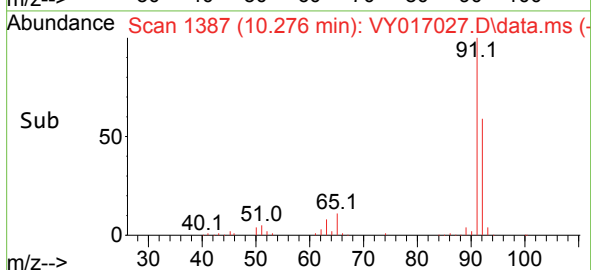
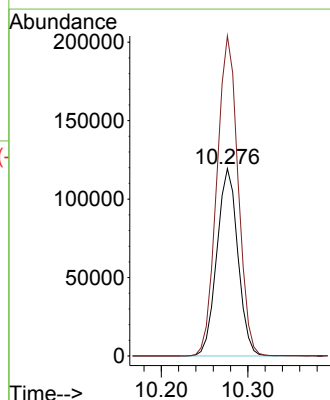
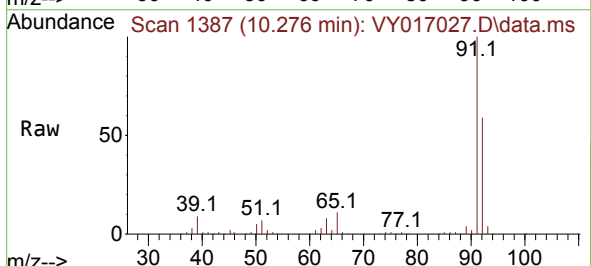
Acq: 17 Jan 2024 21:35

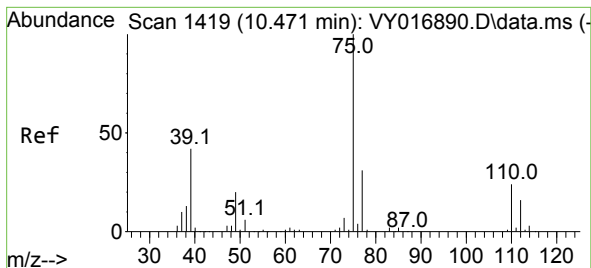
Tgt Ion: 92 Resp: 201144

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4

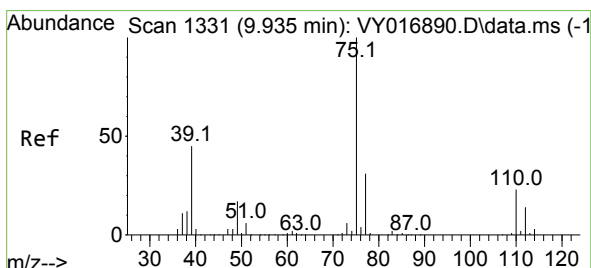
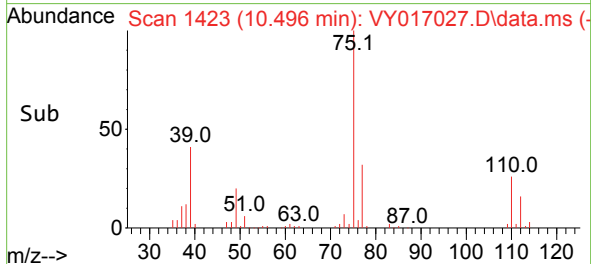
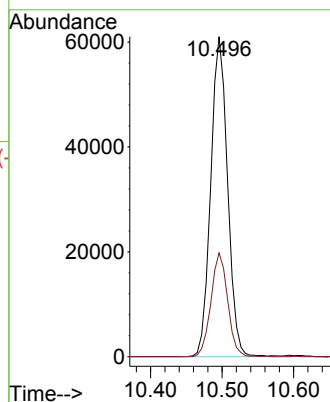
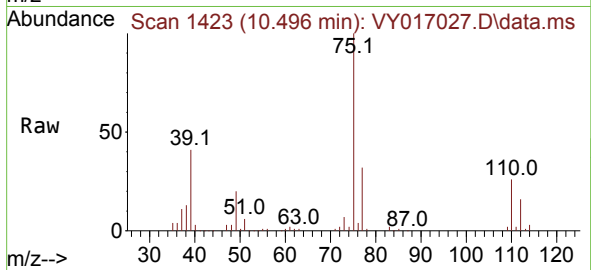




#53
 t-1,3-Dichloropropene
 Concen: 51.982 ug/l
 RT: 10.496 min Scan# 1419
 Delta R.T. 0.025 min
 Lab File: VY017027.D
 Acq: 17 Jan 2024 21:35

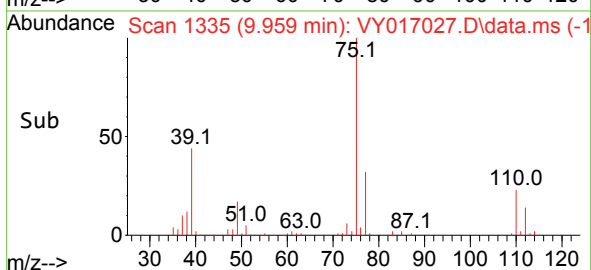
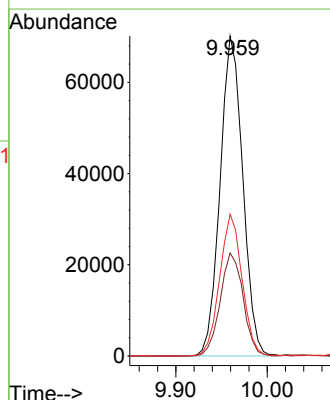
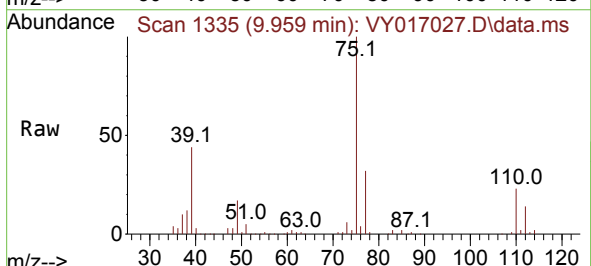
Instrument :
 MSVOA_Y
 ClientSampleId :

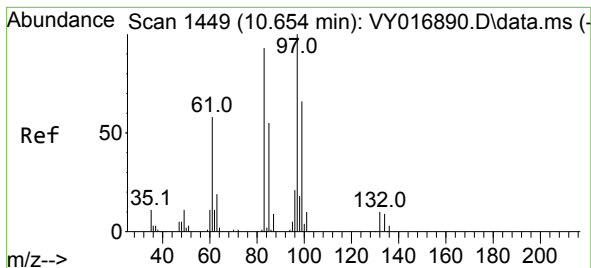
Tgt Ion: 75 Resp: 99716
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.577 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.018 min
 Lab File: VY017027.D
 Acq: 17 Jan 2024 21:35

Tgt Ion: 75 Resp: 121122
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 44.3 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.726 ug/l

RT: 10.679 min Scan# 14

Delta R.T. 0.025 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 59102

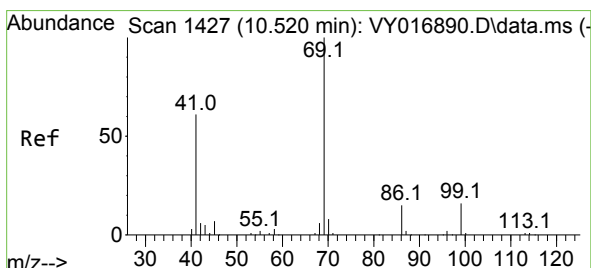
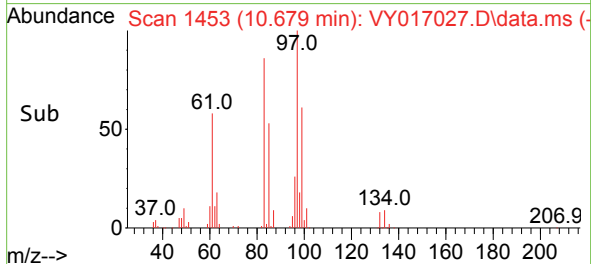
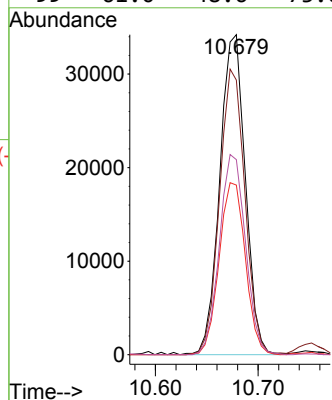
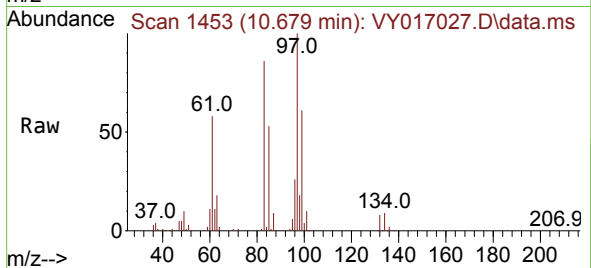
Ion Ratio Lower Upper

97 100

83 85.8 69.4 104.2

85 53.0 43.9 65.9

99 61.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 55.259 ug/l

RT: 10.539 min Scan# 1430

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

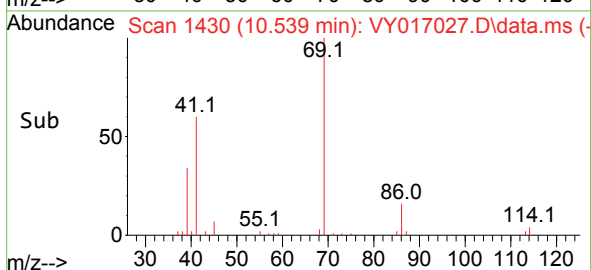
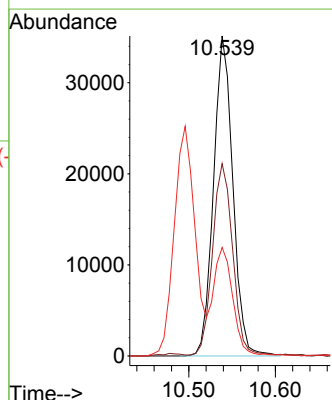
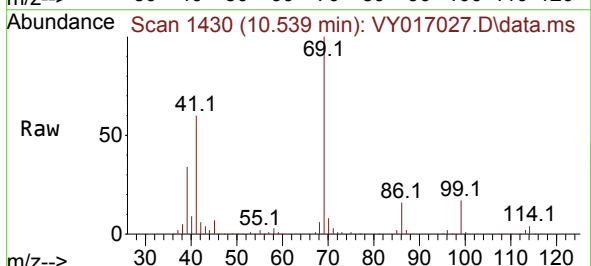
Tgt Ion: 69 Resp: 54533

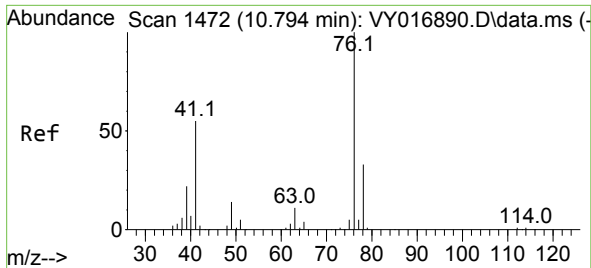
Ion Ratio Lower Upper

69 100

41 63.3 49.2 73.8

39 34.0 26.8 40.2

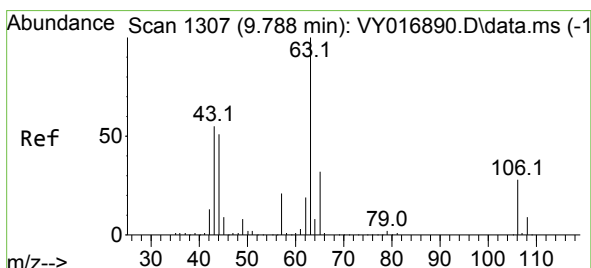
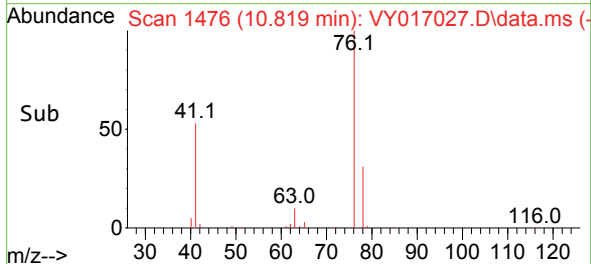
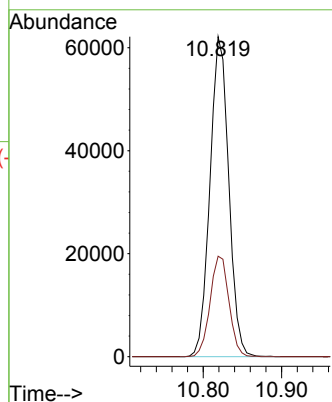
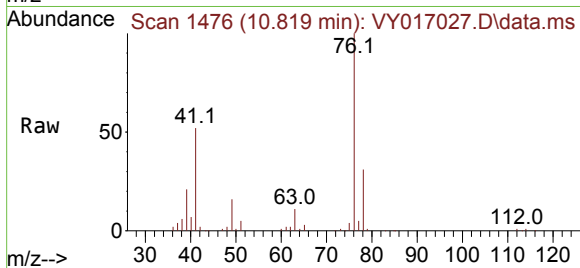




#57
1,3-Dichloropropane
Concen: 53.100 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. 0.019 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

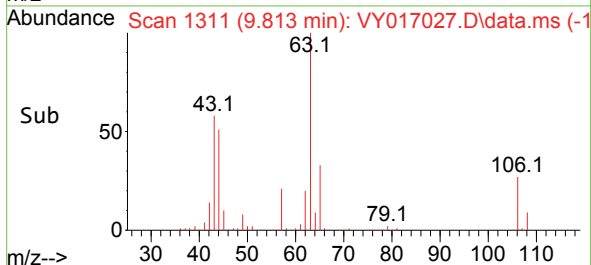
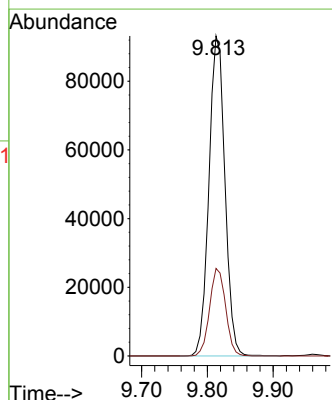
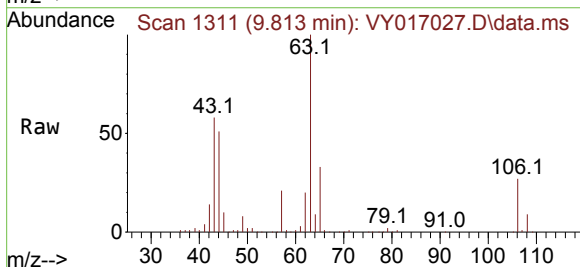
Instrument :
MSVOA_Y
ClientSampleId :

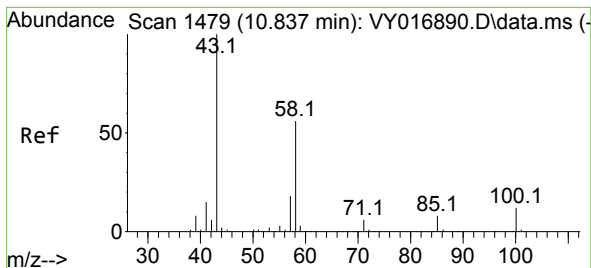
Tgt Ion: 76 Resp: 103294
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 253.937 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.025 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 63 Resp: 157876
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6





#59

2-Hexanone

Concen: 246.993 ug/l

RT: 10.862 min Scan# 14

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

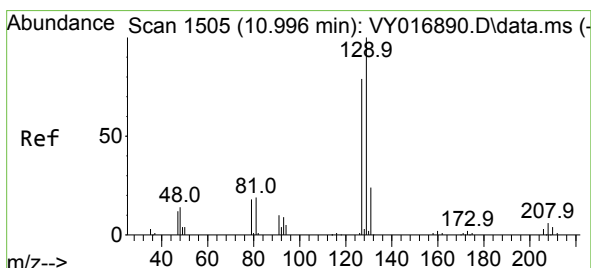
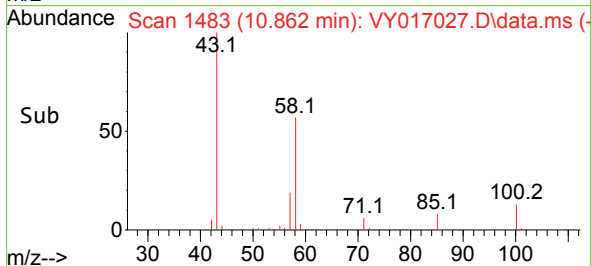
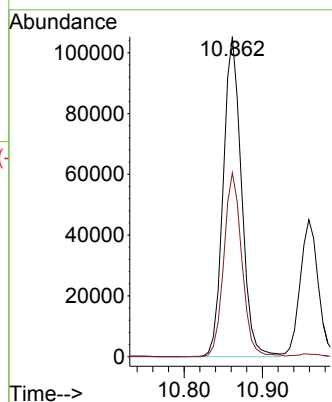
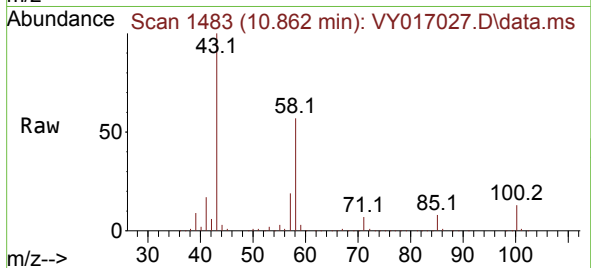
ClientSampleId :

Tgt Ion: 43 Resp: 170316

Ion Ratio Lower Upper

43 100

58 56.8 28.1 84.3



#60

Dibromochloromethane

Concen: 51.636 ug/l

RT: 11.014 min Scan# 1508

Delta R.T. 0.018 min

Lab File: VY017027.D

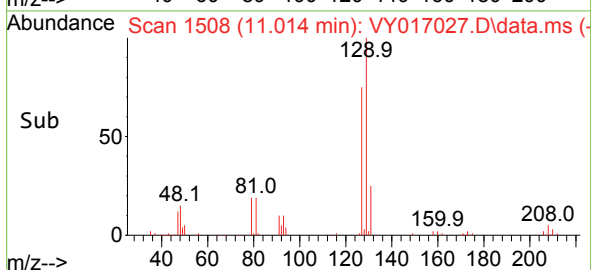
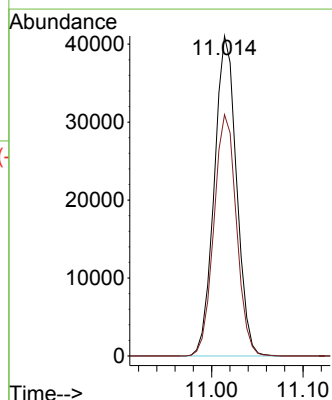
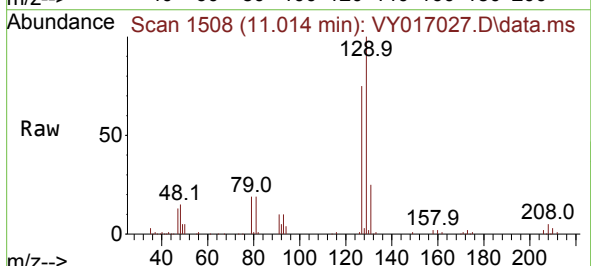
Acq: 17 Jan 2024 21:35

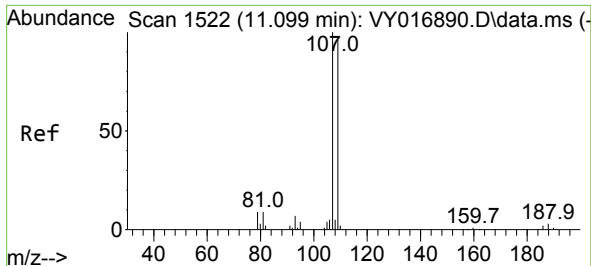
Tgt Ion:129 Resp: 69379

Ion Ratio Lower Upper

129 100

127 76.5 39.2 117.6

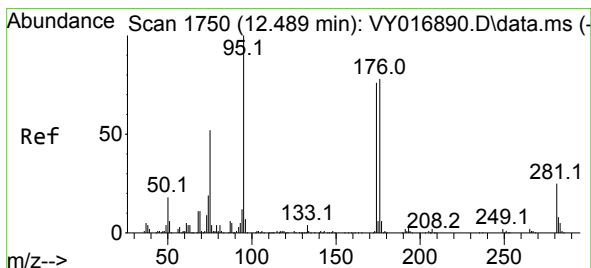
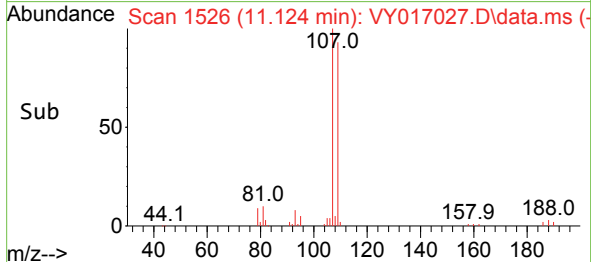
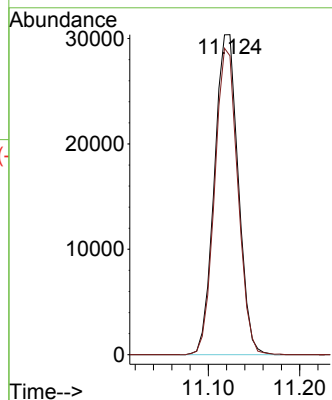
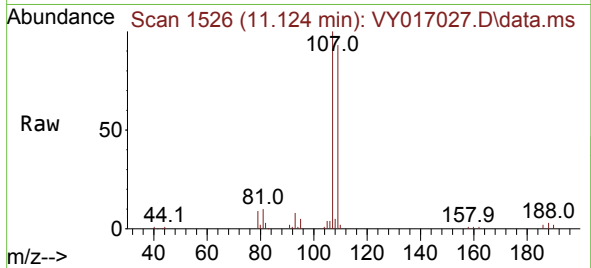




#61
1,2-Dibromoethane
Concen: 54.379 ug/l
RT: 11.124 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

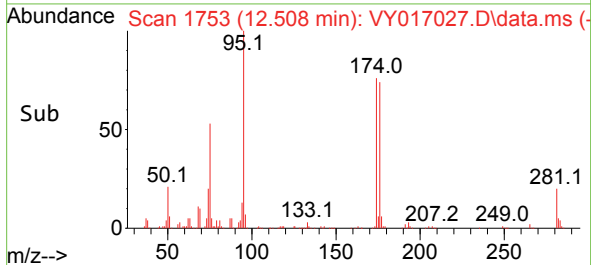
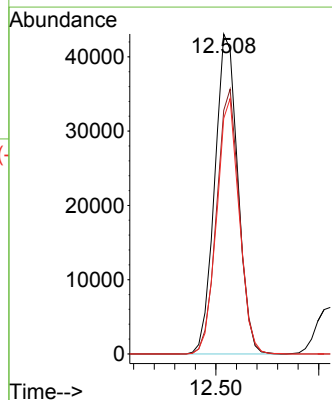
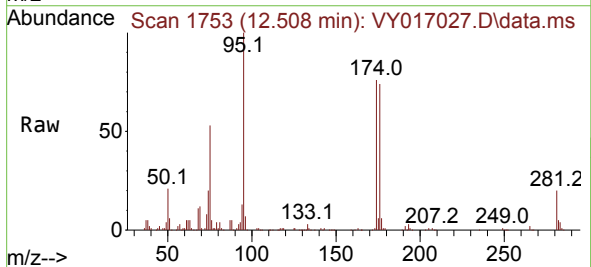
Instrument :
MSVOA_Y
ClientSampleId :

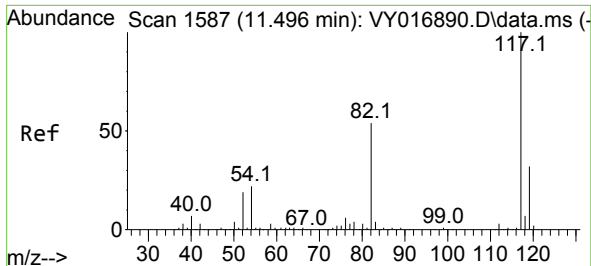
Tgt Ion:107 Resp: 55048
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 41.509 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 95 Resp: 66958
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 77.9 0.0 151.8

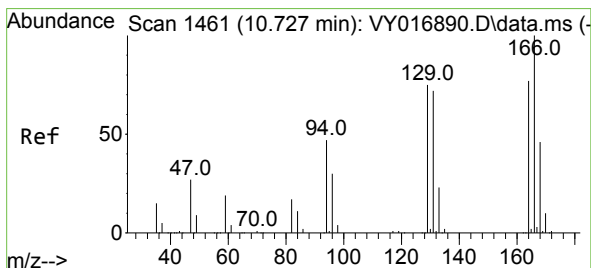
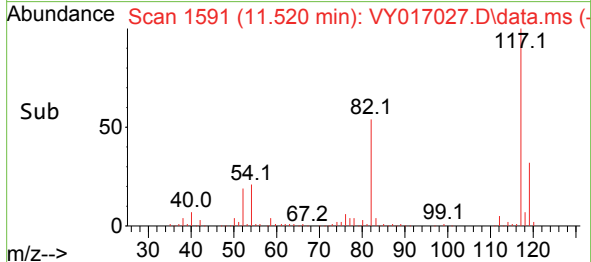
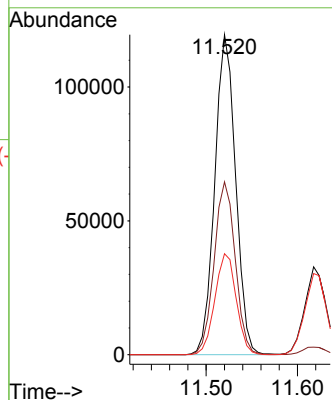
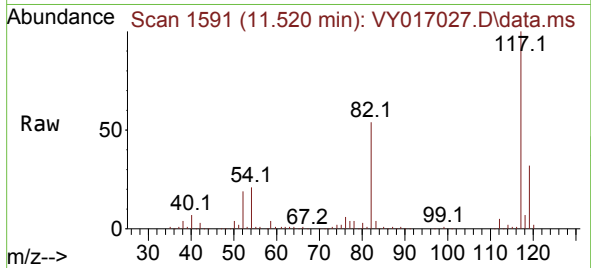




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

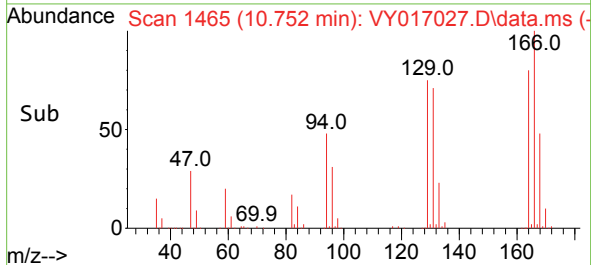
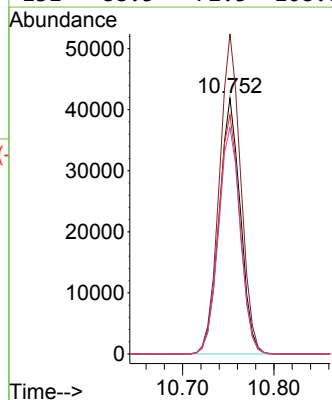
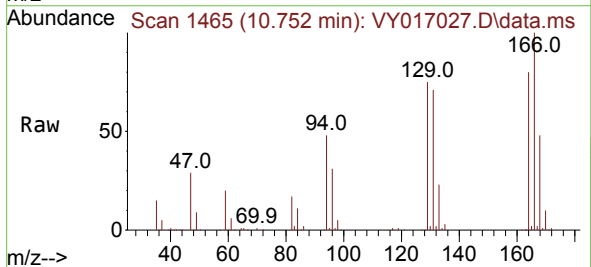
Instrument :
MSVOA_Y
ClientSampleId :

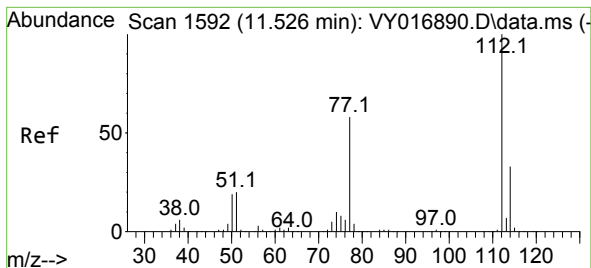
Tgt Ion:117 Resp: 189949
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 54.665 ug/l
RT: 10.752 min Scan# 1465
Delta R.T. 0.025 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion:164 Resp: 67319
Ion Ratio Lower Upper
164 100
166 125.0 98.8 148.2
129 93.5 78.9 118.3
131 88.5 72.5 108.7





#65

Chlorobenzene

Concen: 51.790 ug/l

RT: 11.544 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

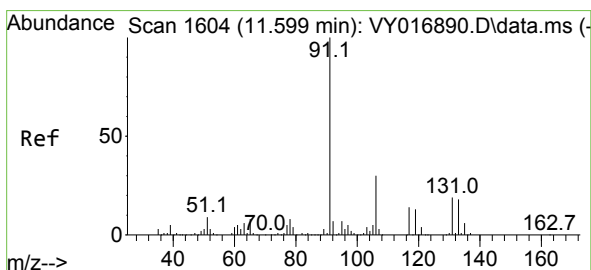
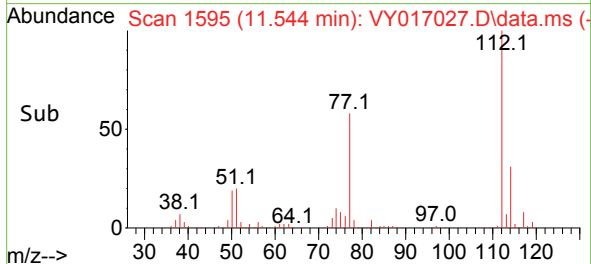
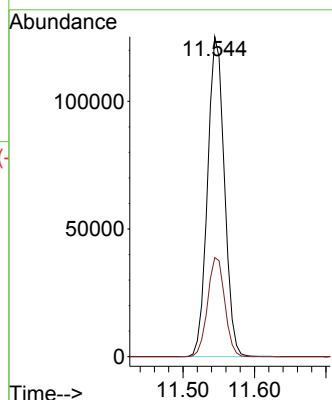
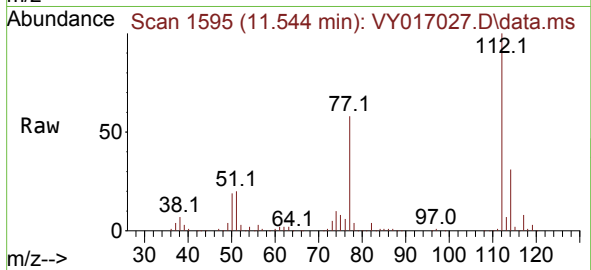
ClientSampleId :

Tgt Ion:112 Resp: 204933

Ion Ratio Lower Upper

112 100

114 30.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 49.891 ug/l

RT: 11.618 min Scan# 1607

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

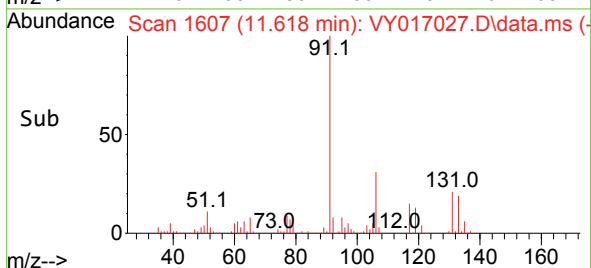
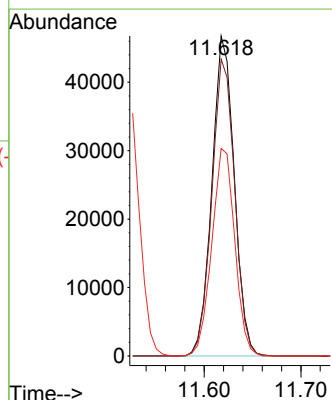
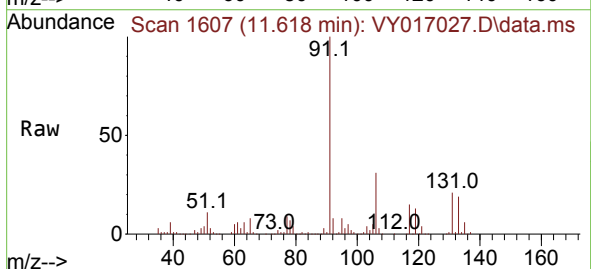
Tgt Ion:131 Resp: 75047

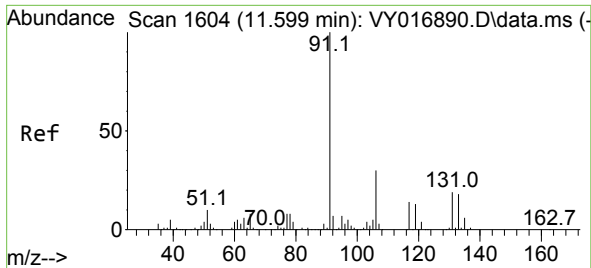
Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.0

119 66.7 33.3 99.9

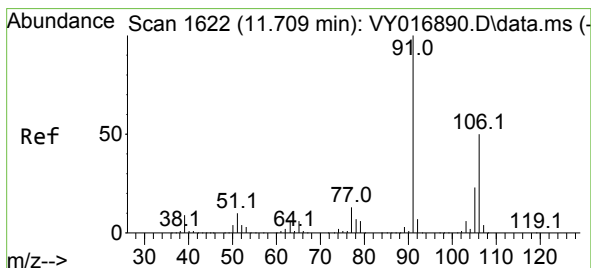
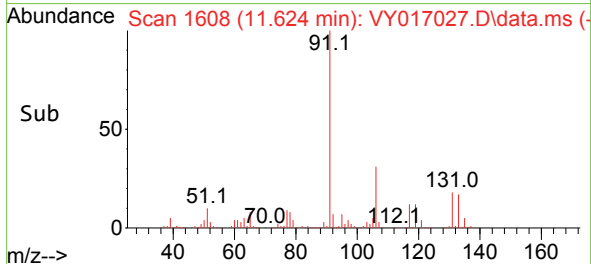
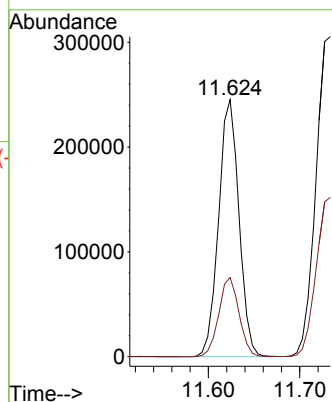
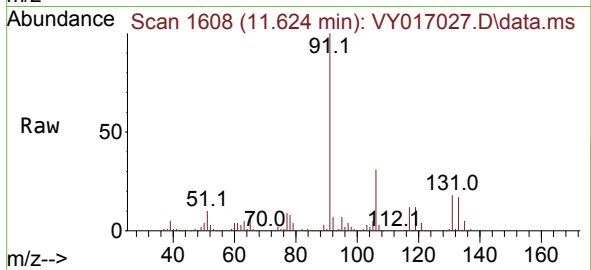




#67
Ethyl Benzene
Concen: 53.280 ug/l
RT: 11.624 min Scan# 1608
Delta R.T. 0.025 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

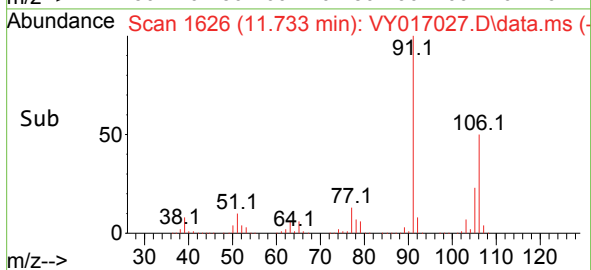
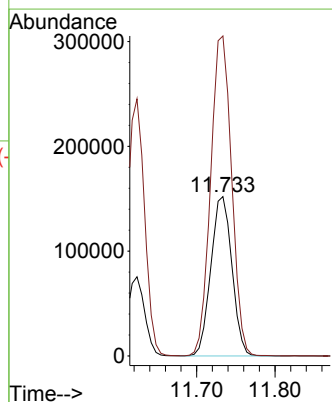
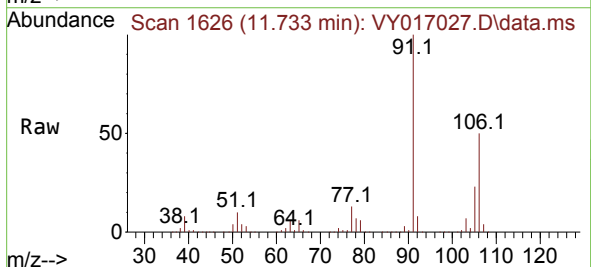
Instrument :
MSVOA_Y
ClientSampleId :

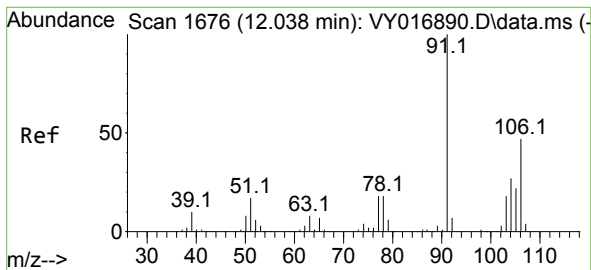
Tgt Ion: 91 Resp: 379564
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#68
m/p-Xylenes
Concen: 108.521 ug/l
RT: 11.733 min Scan# 1626
Delta R.T. 0.024 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion:106 Resp: 283773
Ion Ratio Lower Upper
106 100
91 200.3 160.7 241.1





#69

o-Xylene

Concen: 53.857 ug/l

RT: 12.057 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

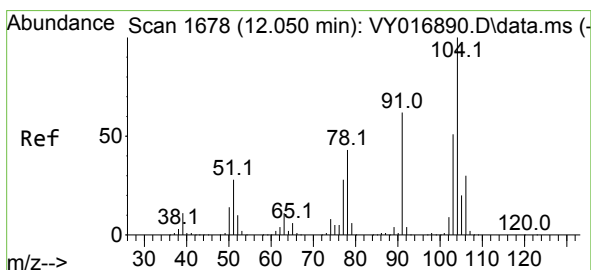
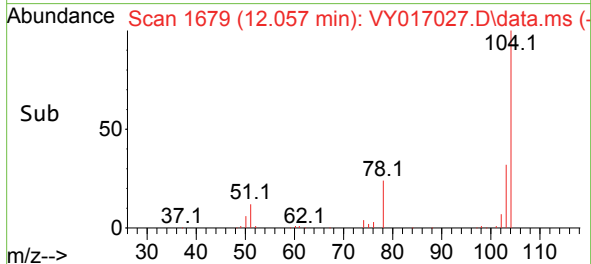
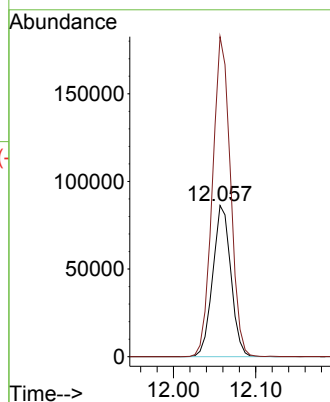
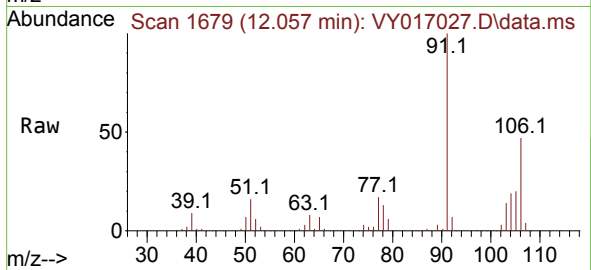
ClientSampleId :

Tgt Ion:106 Resp: 132027

Ion Ratio Lower Upper

106 100

91 210.4 106.5 319.5



#70

Styrene

Concen: 54.767 ug/l

RT: 12.075 min Scan# 1682

Delta R.T. 0.025 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

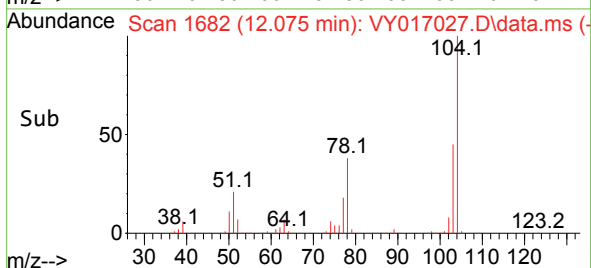
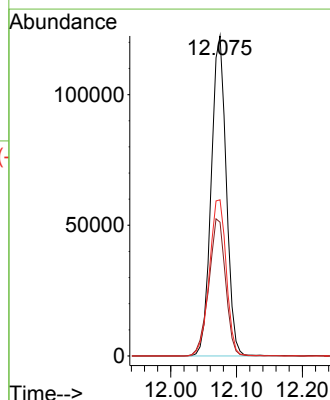
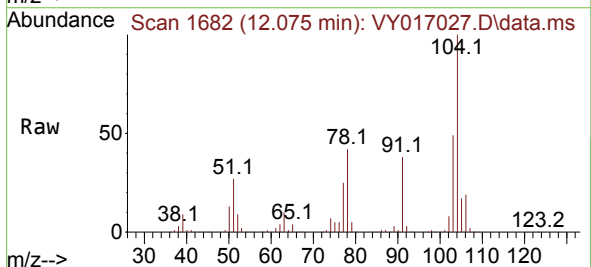
Tgt Ion:104 Resp: 195400

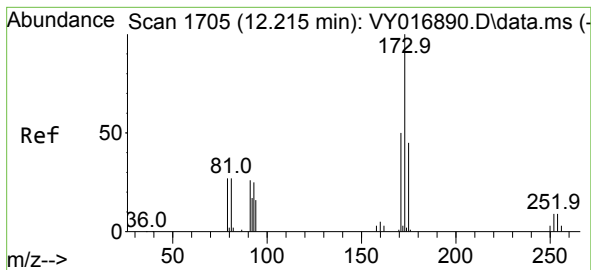
Ion Ratio Lower Upper

104 100

78 47.5 39.2 58.8

103 54.8 43.8 65.6





#71

Bromoform

Concen: 50.471 ug/l

RT: 12.239 min Scan# 1

Delta R.T. 0.024 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

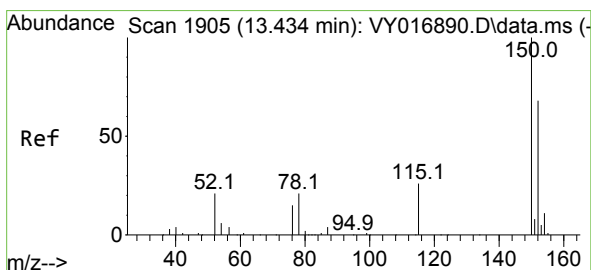
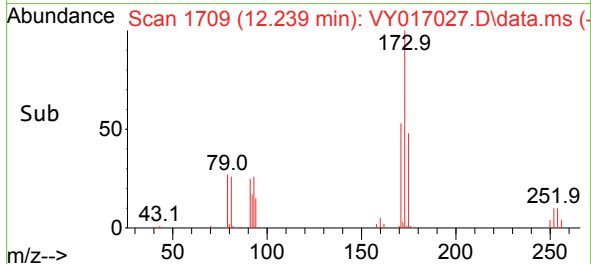
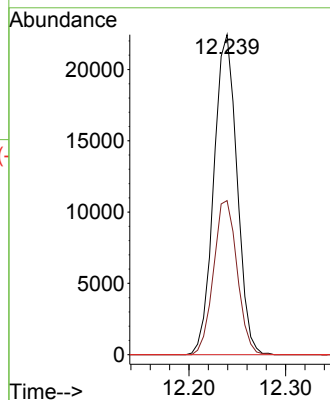
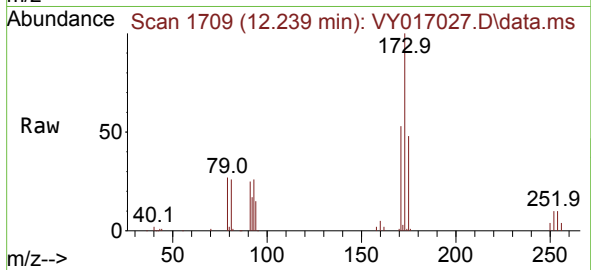
Tgt Ion:173 Resp: 37374

Ion Ratio Lower Upper

173 100

175 49.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

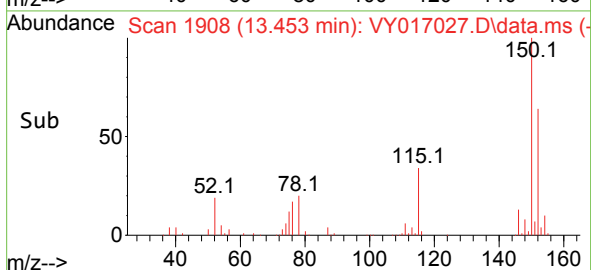
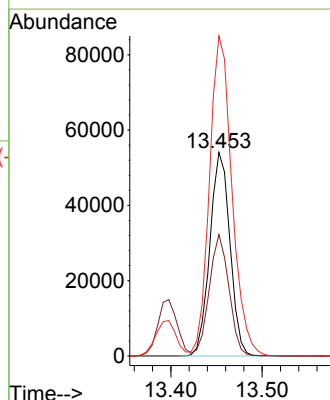
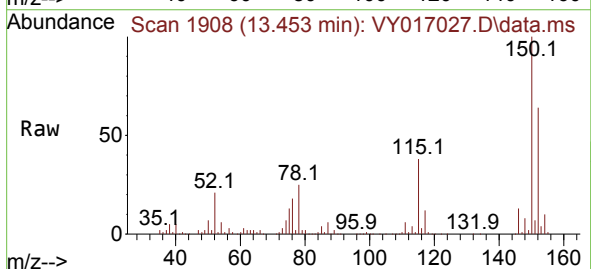
Tgt Ion:152 Resp: 82542

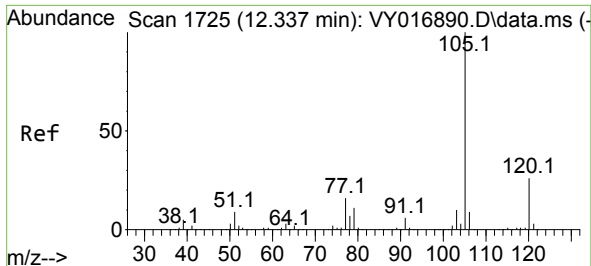
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 176.1 0.0 344.6

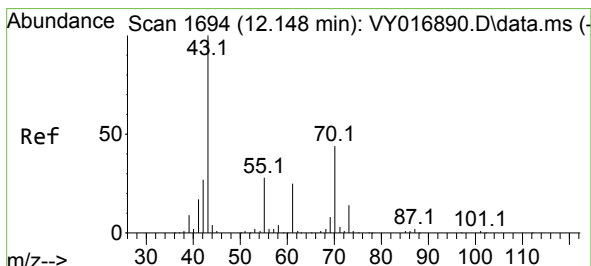
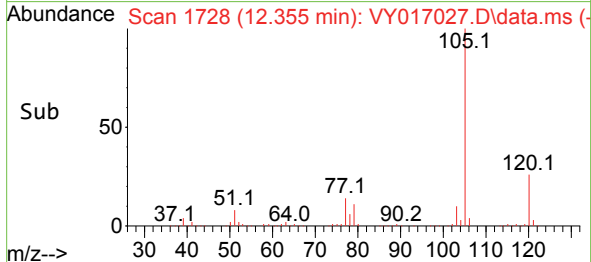
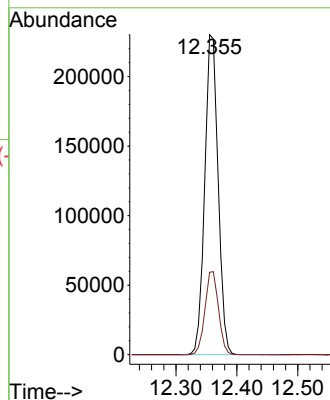
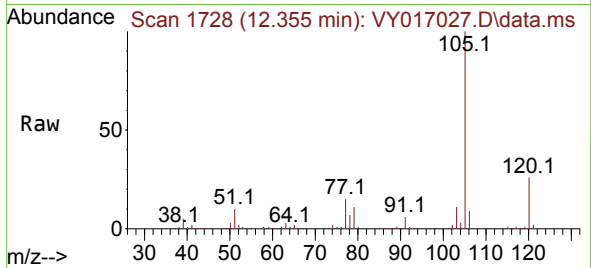




#73
Isopropylbenzene
Concen: 52.060 ug/l
RT: 12.355 min Scan# 1725
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

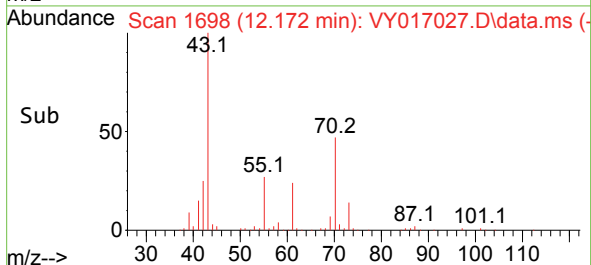
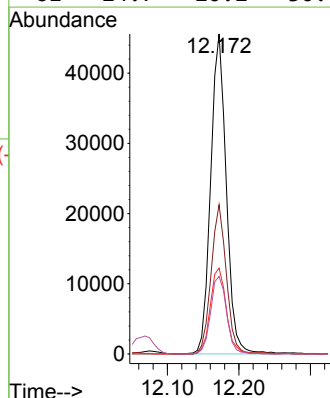
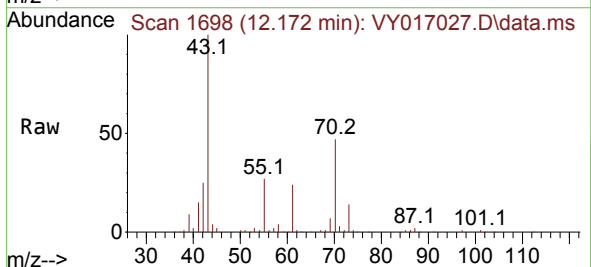
Instrument :
MSVOA_Y
ClientSampleId :

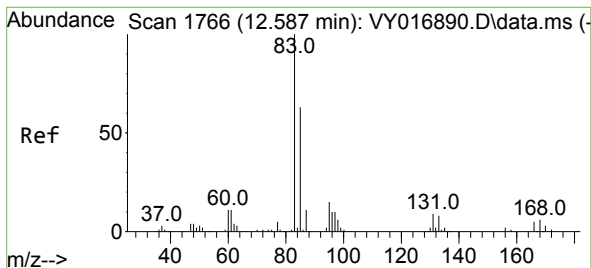
Tgt Ion:105 Resp: 350905
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 51.076 ug/l
RT: 12.172 min Scan# 1698
Delta R.T. 0.018 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 43 Resp: 69169
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 27.8 22.2 33.4
61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.924 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.018 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

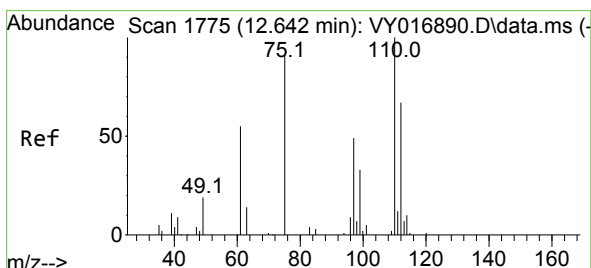
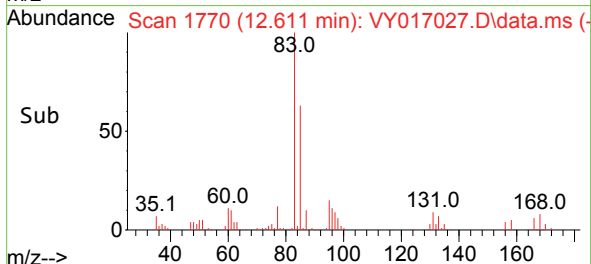
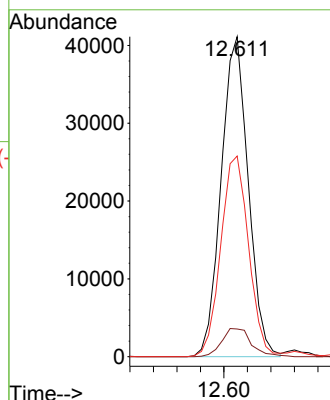
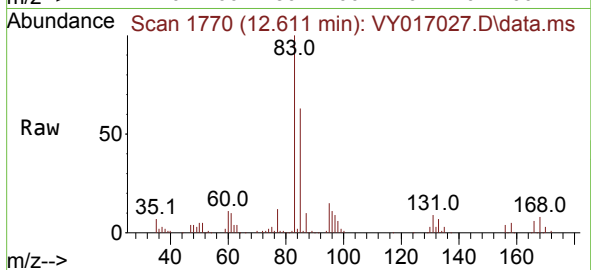
Tgt Ion: 83 Resp: 65818

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 88.798 ug/l

RT: 12.660 min Scan# 1778

Delta R.T. 0.018 min

Lab File: VY017027.D

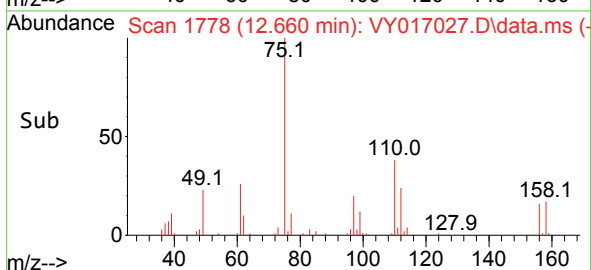
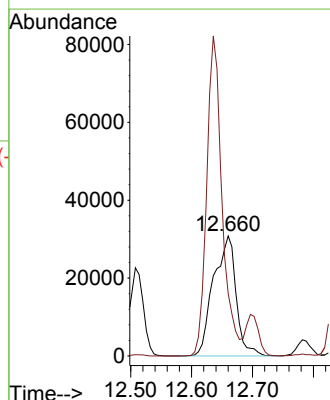
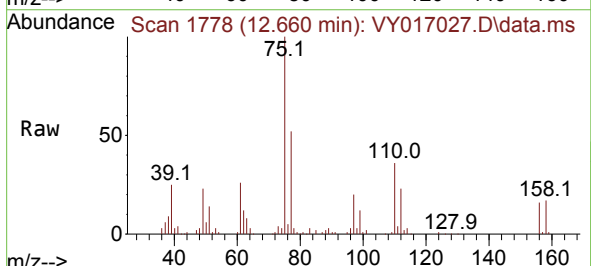
Acq: 17 Jan 2024 21:35

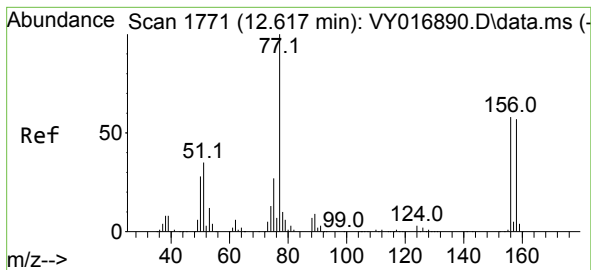
Tgt Ion: 75 Resp: 79539

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.670 ug/l

RT: 12.636 min Scan# 1771

Delta R.T. 0.019 min

Lab File: VY017027.D

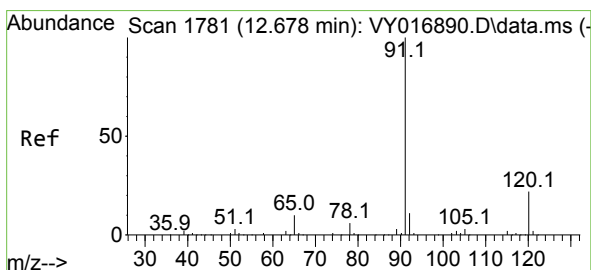
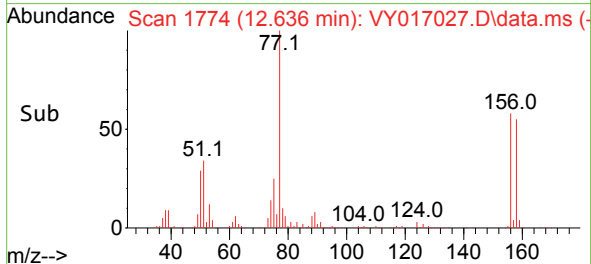
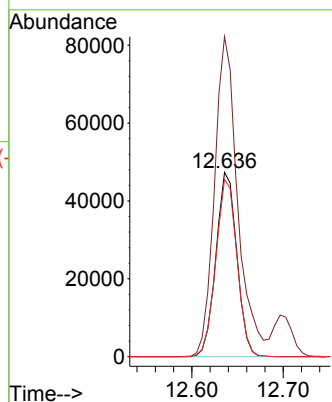
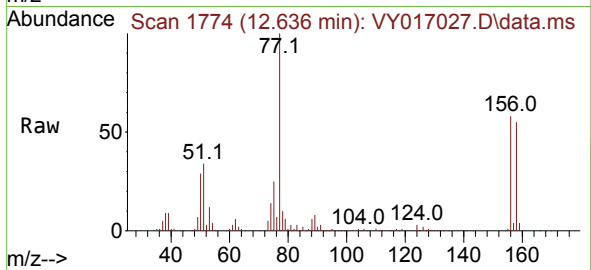
Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	75196
Ion Ratio	Lower	Upper	
156	100		
77	191.8	97.3	291.8
158	97.5	48.4	145.0



#78

n-propylbenzene

Concen: 51.086 ug/l

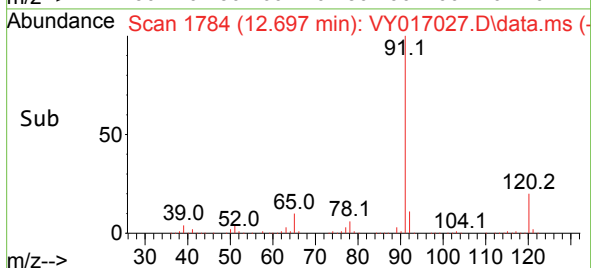
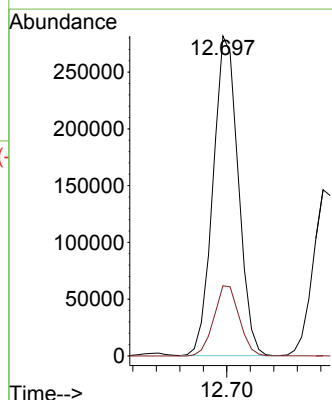
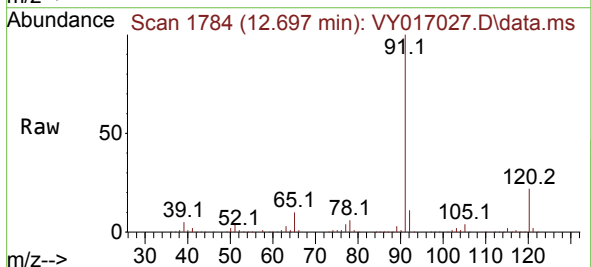
RT: 12.697 min Scan# 1784

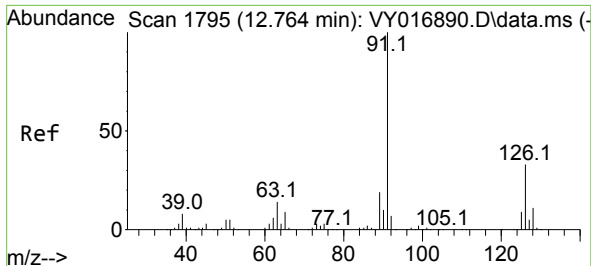
Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Tgt Ion:	91	Resp:	418621
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.0	33.0

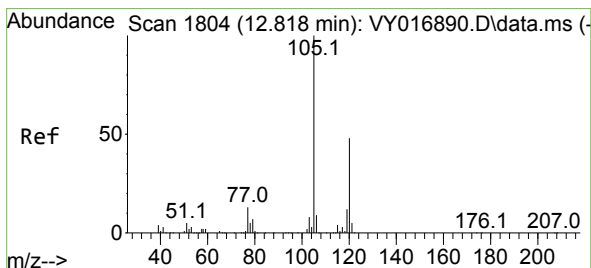
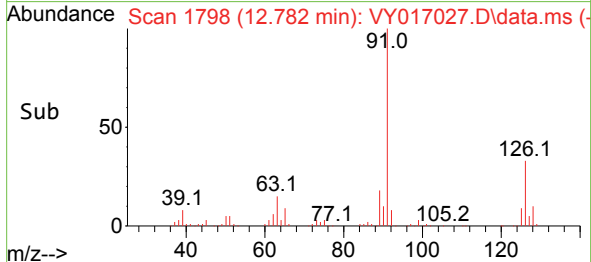
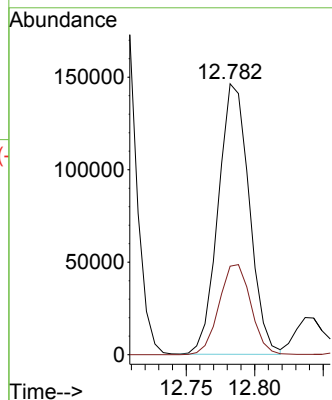
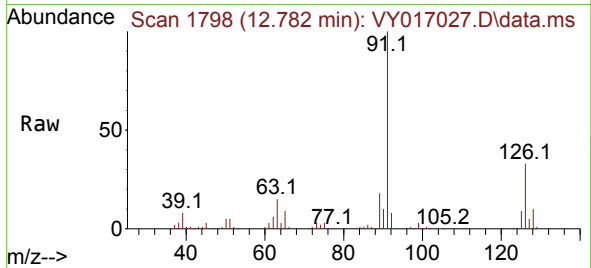




#79
2-Chlorotoluene
Concen: 50.871 ug/l
RT: 12.782 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

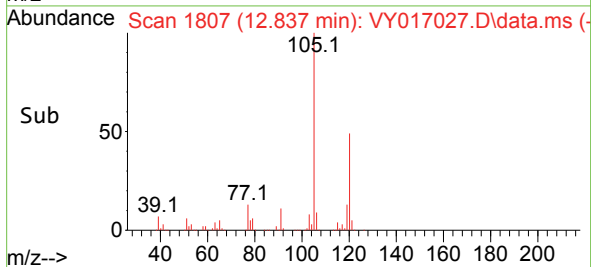
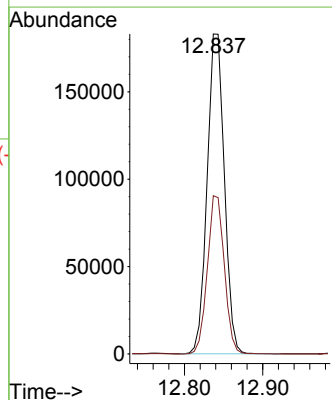
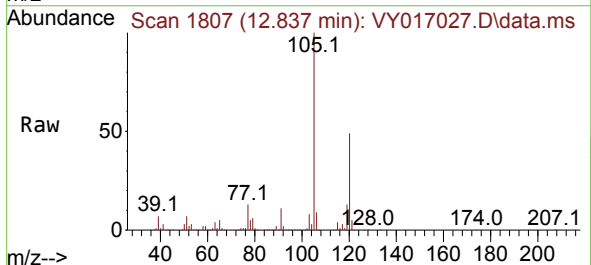
Instrument :
MSVOA_Y
ClientSampleId :

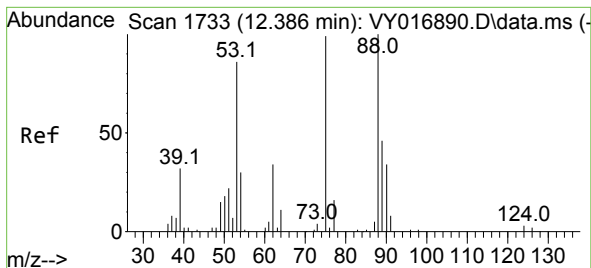
Tgt Ion: 91 Resp: 231156
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.308 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. 0.019 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion:105 Resp: 278845
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

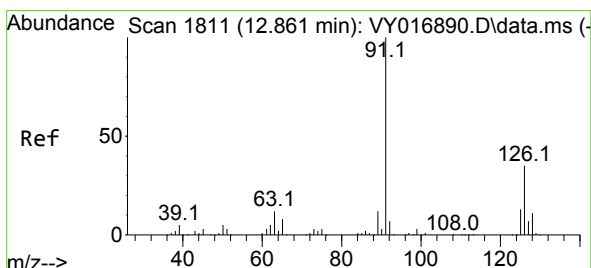
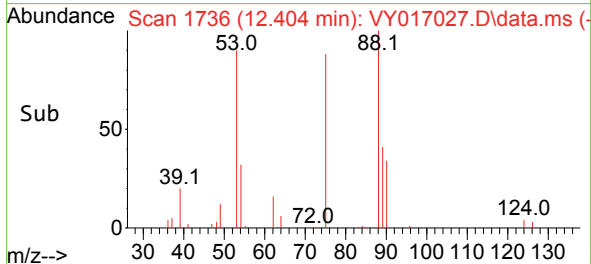
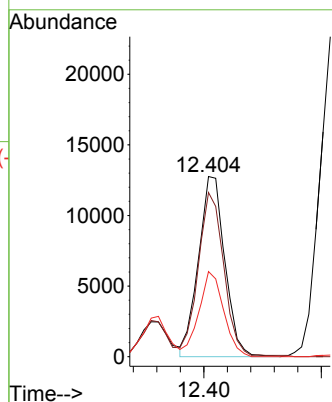
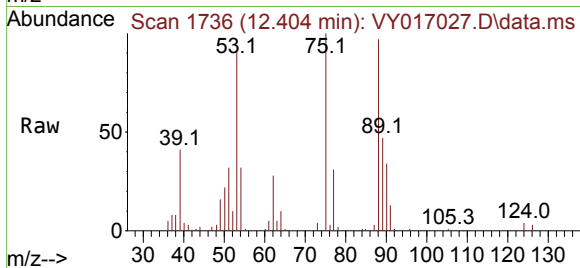




#81
trans-1,4-Dichloro-2-butene
Concen: 50.443 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.019 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

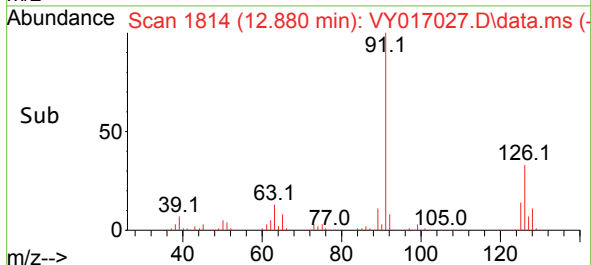
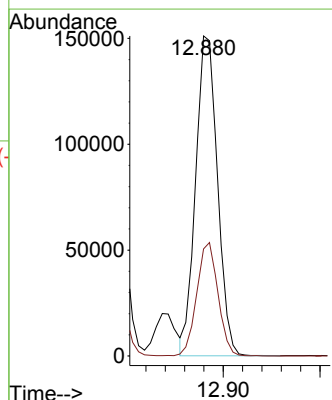
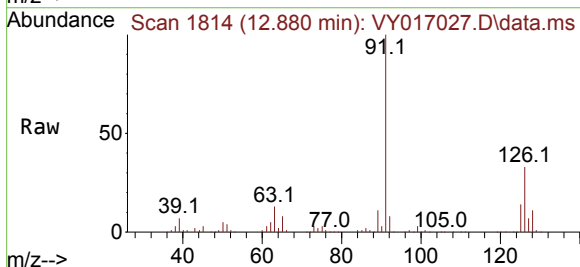
Instrument :
MSVOA_Y
ClientSampleId :

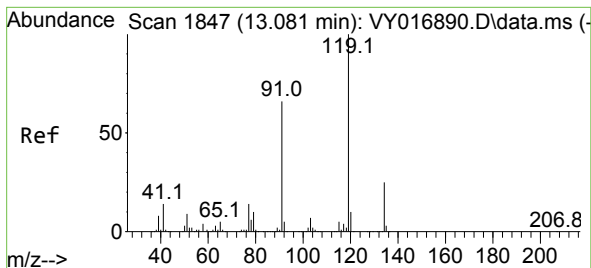
Tgt Ion: 75 Resp: 19898
Ion Ratio Lower Upper
75 100
53 88.7 74.0 111.0
89 44.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 51.040 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.019 min
Lab File: VY017027.D
Acq: 17 Jan 2024 21:35

Tgt Ion: 91 Resp: 236941
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.666 ug/l

RT: 13.105 min Scan# 1851

Delta R.T. 0.018 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

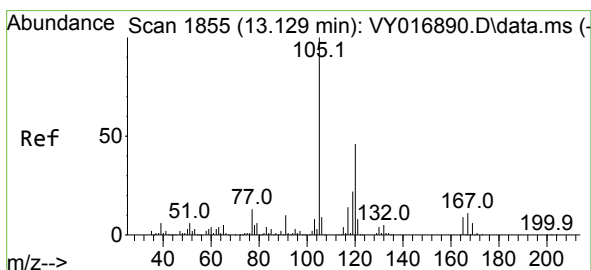
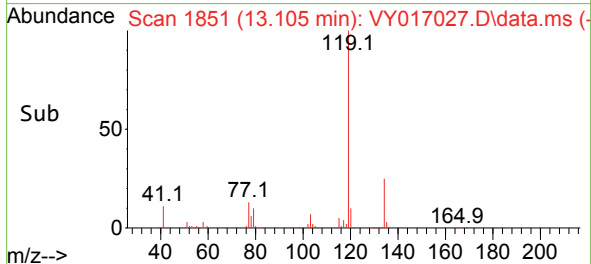
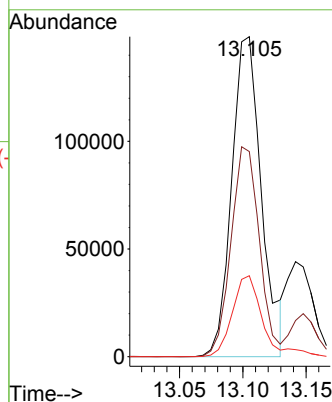
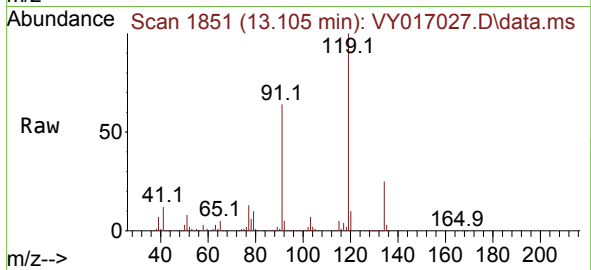
Tgt Ion:119 Resp: 242588

Ion Ratio Lower Upper

119 100

91 62.9 31.5 94.5

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.599 ug/l

RT: 13.148 min Scan# 1858

Delta R.T. 0.019 min

Lab File: VY017027.D

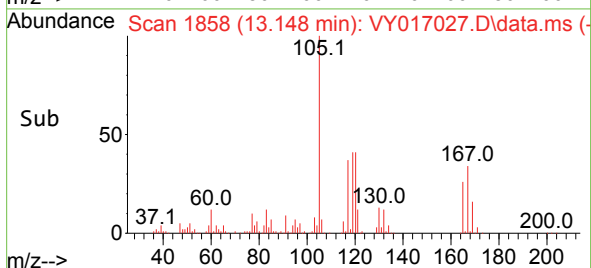
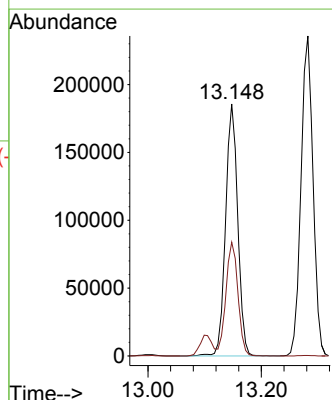
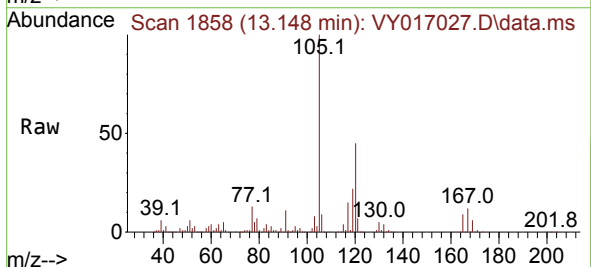
Acq: 17 Jan 2024 21:35

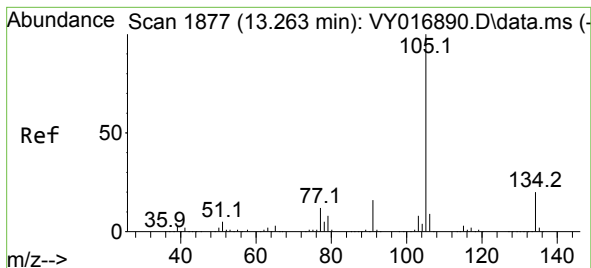
Tgt Ion:105 Resp: 276140

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.774 ug/l

RT: 13.282 min Scan# 1880

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

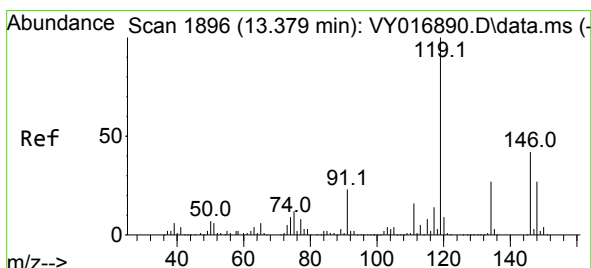
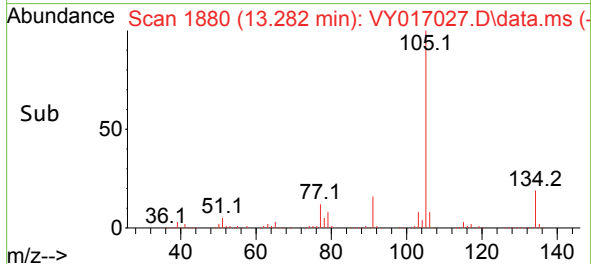
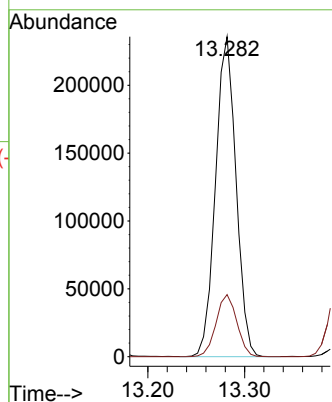
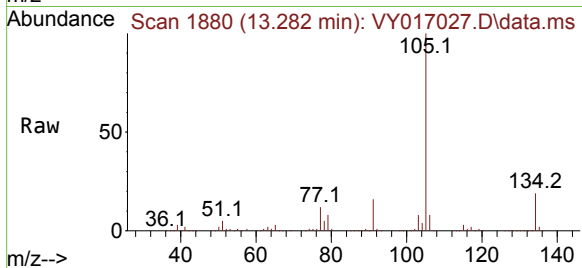
ClientSampleId :

Tgt Ion:105 Resp: 346290

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 50.660 ug/l

RT: 13.398 min Scan# 1899

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

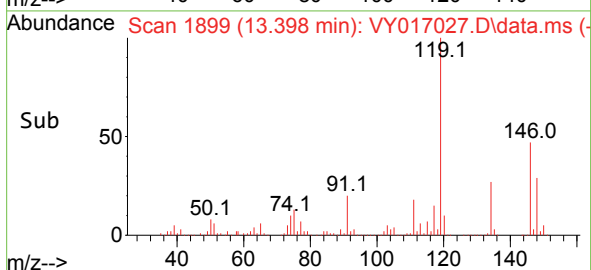
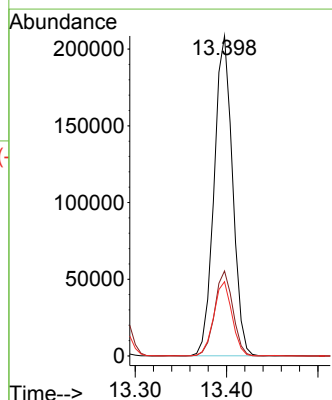
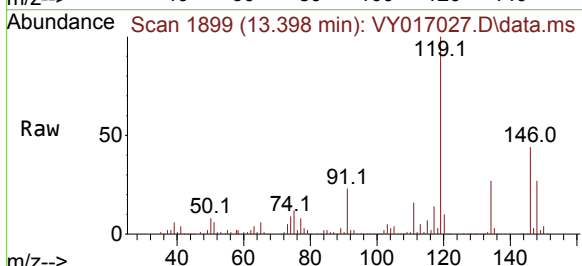
Tgt Ion:119 Resp: 290883

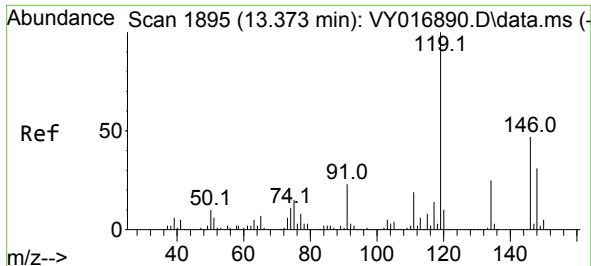
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.820 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

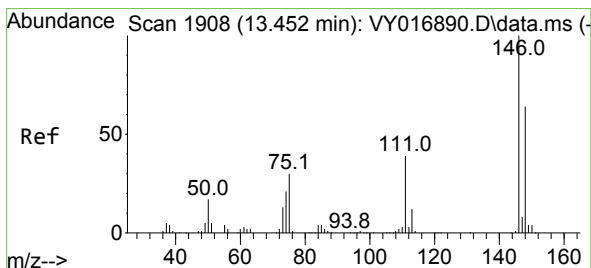
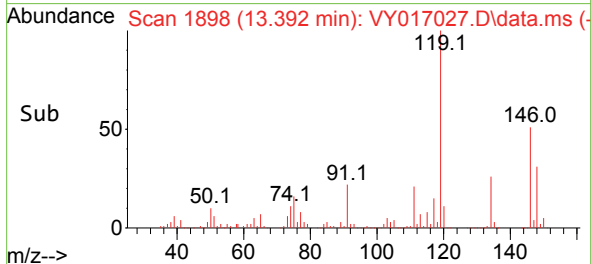
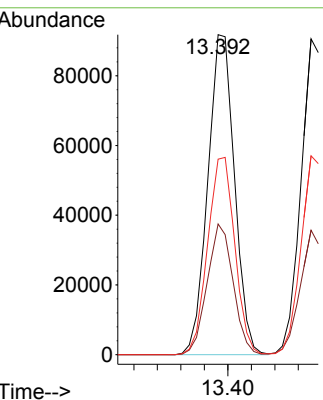
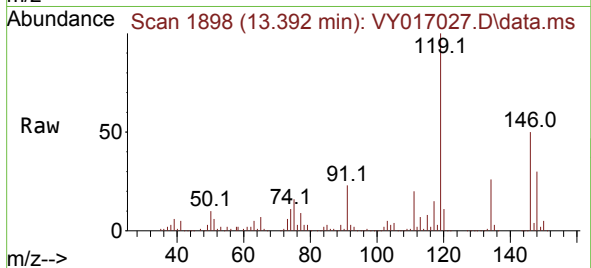
Tgt Ion:146 Resp: 145001

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

148 62.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.107 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

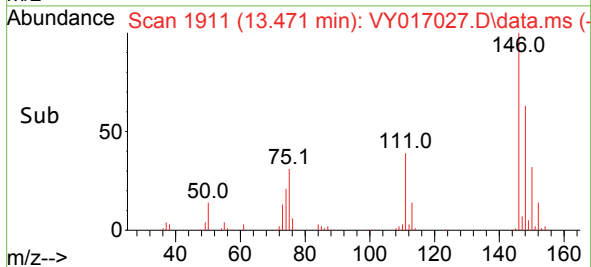
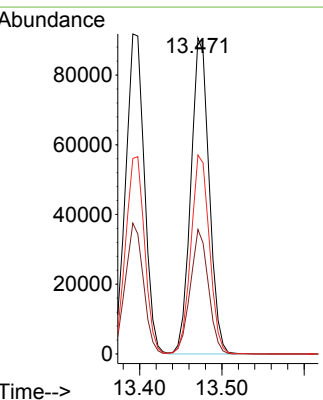
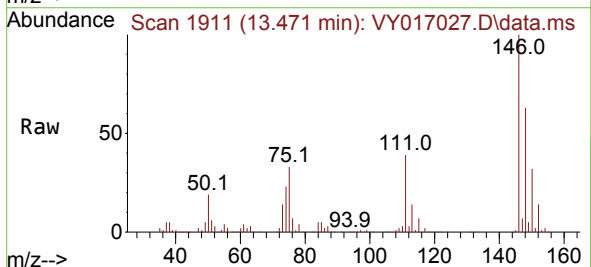
Tgt Ion:146 Resp: 139794

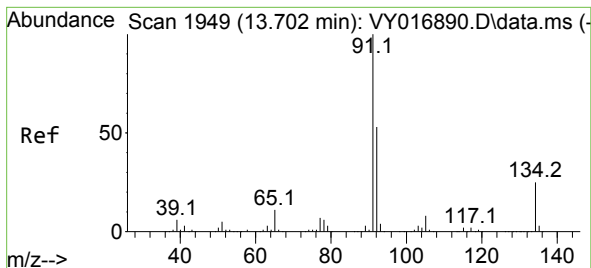
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 49.766 ug/l

RT: 13.721 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

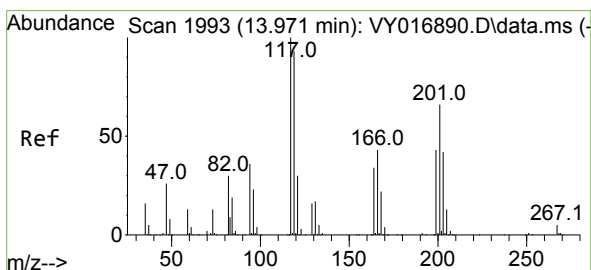
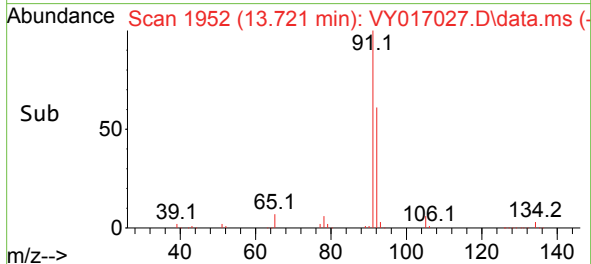
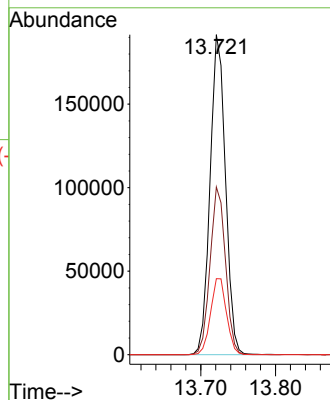
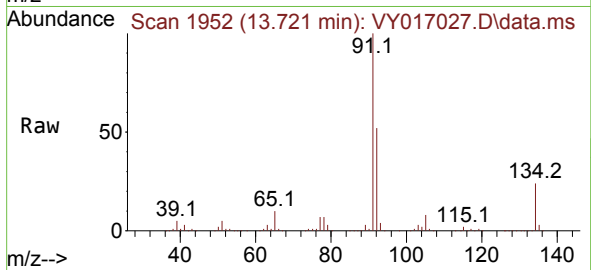
Tgt Ion: 91 Resp: 274738

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 47.531 ug/l

RT: 13.989 min Scan# 1996

Delta R.T. 0.018 min

Lab File: VY017027.D

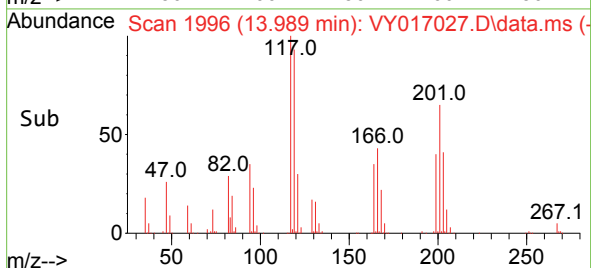
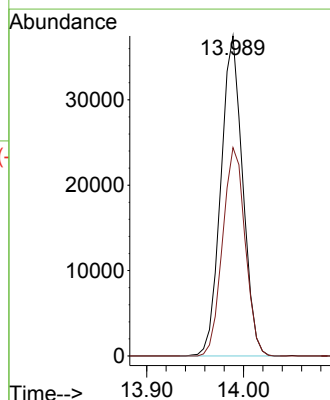
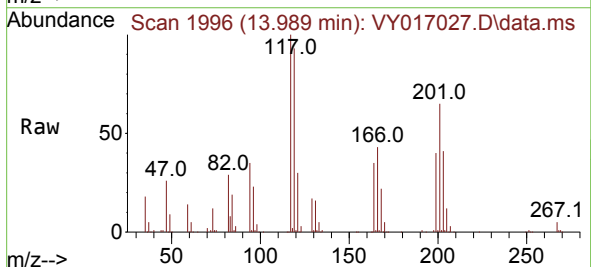
Acq: 17 Jan 2024 21:35

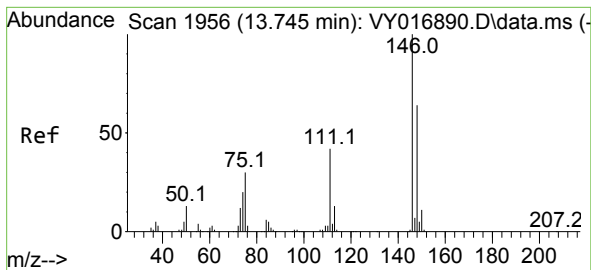
Tgt Ion: 117 Resp: 58645

Ion Ratio Lower Upper

117 100

201 67.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 49.011 ug/l

RT: 13.764 min Scan# 1956

Delta R.T. 0.013 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

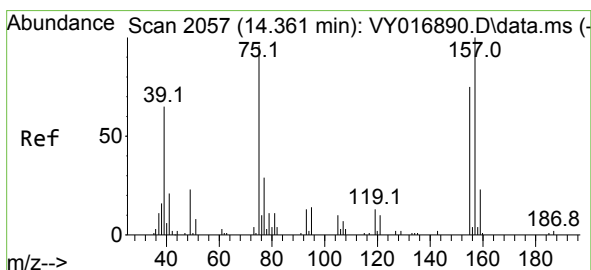
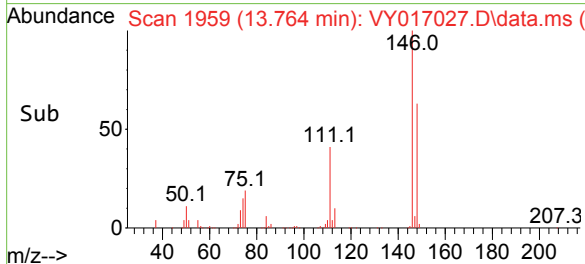
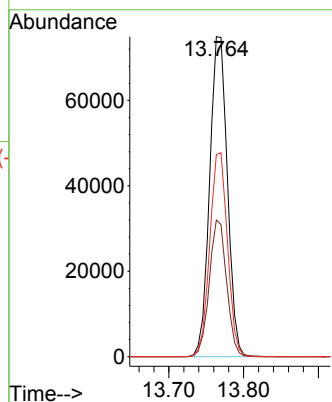
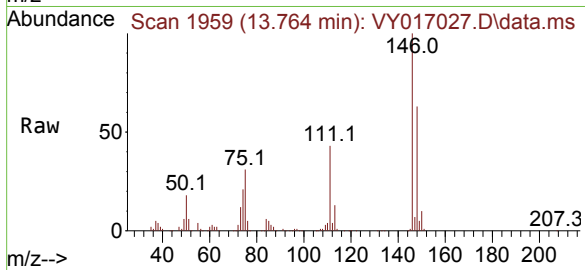
Tgt Ion:146 Resp: 123276

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 63.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.597 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

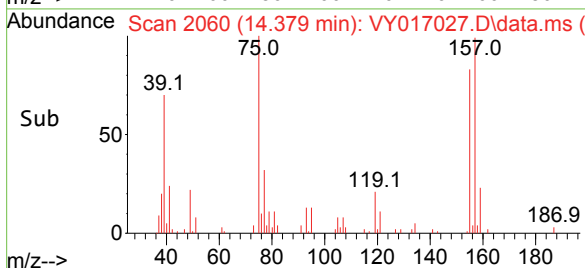
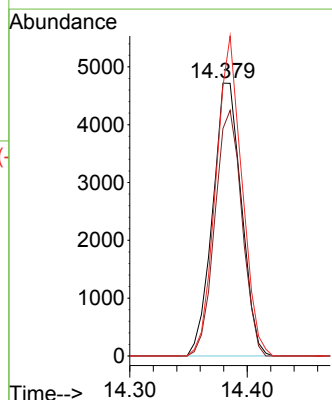
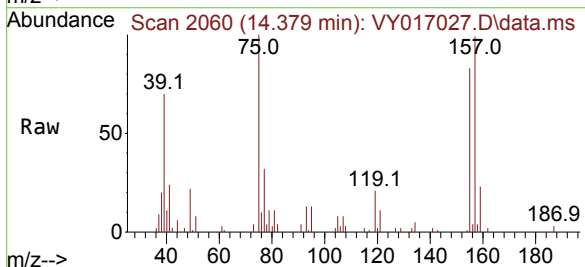
Tgt Ion: 75 Resp: 8025

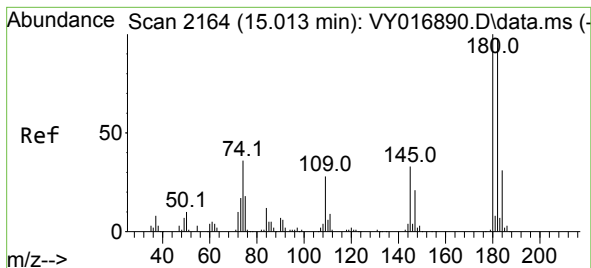
Ion Ratio Lower Upper

75 100

155 84.9 42.1 126.3

157 106.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.997 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.013 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

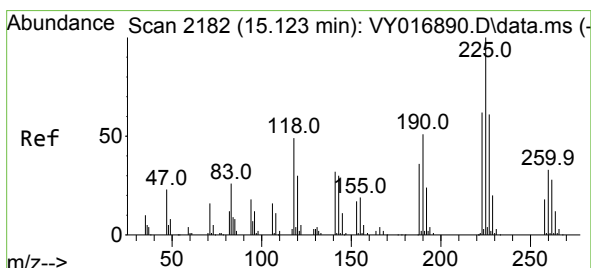
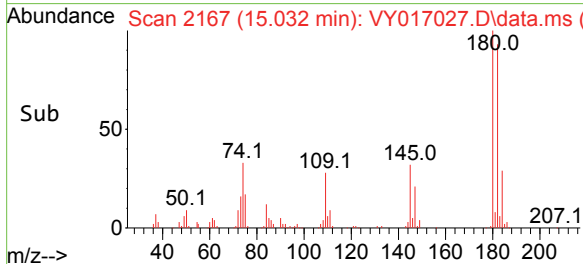
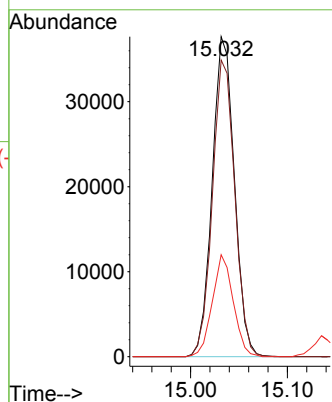
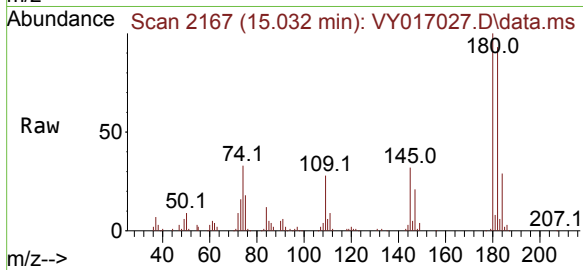
Tgt Ion:180 Resp: 59949

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 42.759 ug/l

RT: 15.141 min Scan# 2185

Delta R.T. 0.018 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

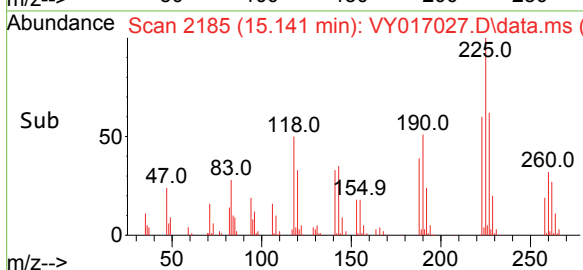
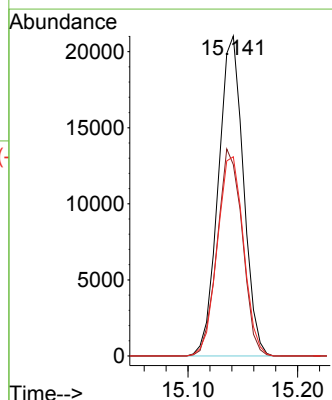
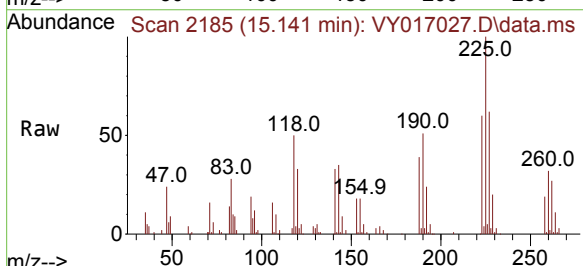
Tgt Ion:225 Resp: 33457

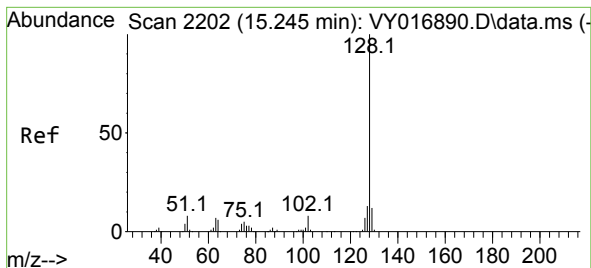
Ion Ratio Lower Upper

225 100

223 64.6 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 49.667 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.018 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Instrument :

MSVOA_Y

ClientSampleId :

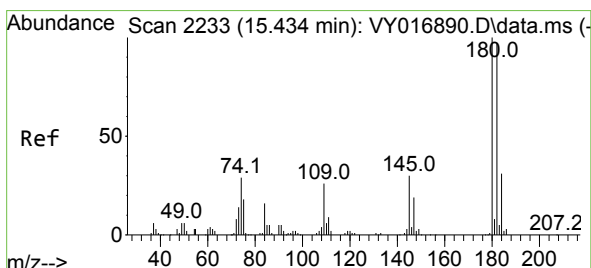
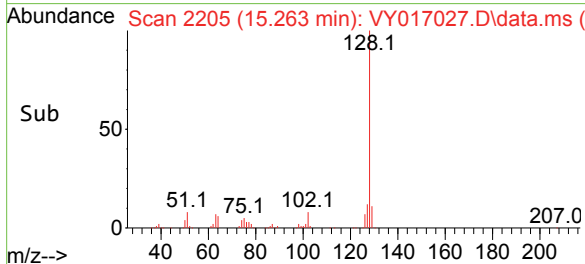
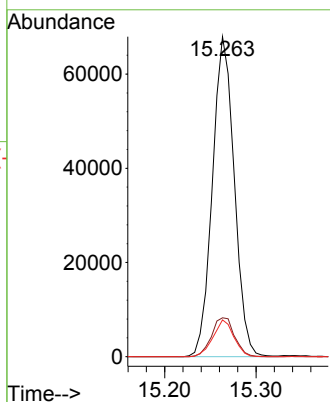
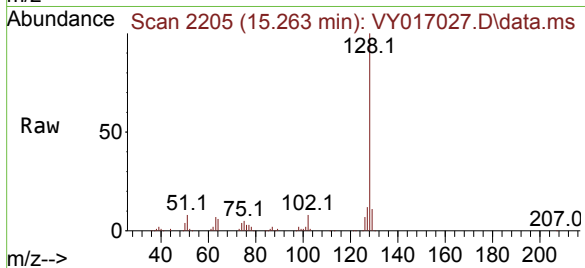
Tgt Ion:128 Resp: 112998

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.806 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY017027.D

Acq: 17 Jan 2024 21:35

Tgt Ion:180 Resp: 49640

Ion Ratio Lower Upper

180 100

182 93.5 46.3 138.8

145 32.3 16.1 48.2

