

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017063.D
 Acq On : 19 Jan 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 19 22:27:02 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	7.820	168	136810	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	235639	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	205091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	92798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	62926	46.537	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.080%
35) Dibromofluoromethane	7.746	113	70373	46.866	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.740%
50) Toluene-d8	10.203	98	228513	44.194	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.496	95	82810	47.468	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	57462	56.585	ug/l	95
3) Chloromethane	2.132	50	91287	56.801	ug/l	99
4) Vinyl Chloride	2.272	62	108345	57.153	ug/l	100
5) Bromomethane	2.674	94	80319	59.142	ug/l	97
6) Chloroethane	2.820	64	71541	55.789	ug/l	100
7) Trichlorofluoromethane	3.150	101	118814	50.868	ug/l	95
8) Diethyl Ether	3.558	74	40085	53.700	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.930	101	73783	48.582	ug/l	100
10) Methyl Iodide	4.131	142	77823	60.233	ug/l	98
11) Tert butyl alcohol	4.997	59	26817	276.086	ug/l	100
12) 1,1-Dichloroethene	3.900	96	69477	53.318	ug/l	92
13) Acrolein	3.759	56	29907	201.287	ug/l	100
14) Allyl chloride	4.521	41	107743	52.302	ug/l	99
15) Acrylonitrile	5.204	53	92646	265.344	ug/l	99
16) Acetone	3.979	43	88587	267.510	ug/l	99
17) Carbon Disulfide	4.235	76	206464	66.312	ug/l	100
18) Methyl Acetate	4.515	43	90909	62.753	ug/l	100
19) Methyl tert-butyl Ether	5.265	73	181118	53.425	ug/l	97
20) Methylene Chloride	4.759	84	83608	47.431	ug/l	99
21) trans-1,2-Dichloroethene	5.265	96	81282	54.464	ug/l	100
22) Diisopropyl ether	6.161	45	247213	51.908	ug/l	95
23) Vinyl Acetate	6.100	43	562113	257.411	ug/l	100
24) 1,1-Dichloroethane	6.058	63	143094	49.999	ug/l	98
25) 2-Butanone	7.021	43	126579	275.295	ug/l	98
26) 2,2-Dichloropropane	7.021	77	118274	47.664	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	93825	53.631	ug/l	99
28) Bromochloromethane	7.368	49	62361	58.041	ug/l	98
29) Tetrahydrofuran	7.387	42	76190	278.395	ug/l	100
30) Chloroform	7.539	83	146847	49.791	ug/l	99
31) Cyclohexane	7.820	56	123955	53.411	ug/l	100
32) 1,1,1-Trichloroethane	7.734	97	124468	49.773	ug/l	99
36) 1,1-Dichloropropene	7.948	75	112319	51.326	ug/l	99
37) Ethyl Acetate	7.106	43	50472	50.753	ug/l	98
38) Carbon Tetrachloride	7.935	117	109898	49.430	ug/l	98
39) Methylcyclohexane	9.210	83	139738	56.802	ug/l	98
40) Benzene	8.191	78	336194	51.214	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	23898	45.629	ug/l #	81
42) 1,2-Dichloroethane	8.265	62	90103	51.702	ug/l	100
43) Isopropyl Acetate	8.301	43	97547	51.222	ug/l	99
44) Trichloroethene	8.966	130	85697	51.303	ug/l	99
45) 1,2-Dichloropropane	9.240	63	83257	49.230	ug/l	98
46) Dibromomethane	9.331	93	45303	52.525	ug/l	99
47) Bromodichloromethane	9.520	83	112769	48.689	ug/l	97
48) Methyl methacrylate	9.313	41	57122	55.579	ug/l	99
49) 1,4-Dioxane	9.319	88	9882	1106.529	ug/l	97
51) 4-Methyl-2-Pentanone	10.094	43	269140	265.741	ug/l	99
52) Toluene	10.264	92	208264	52.569	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	107414	51.776	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	129350	51.918	ug/l	99
55) 1,1,2-Trichloroethane	10.667	97	62288	49.433	ug/l	99
56) Ethyl methacrylate	10.532	69	60218	56.422	ug/l	99
57) 1,3-Dichloropropane	10.807	76	107293	51.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	187567	277.243	ug/l	99
59) 2-Hexanone	10.850	43	191622	256.953	ug/l	100
60) Dibromochloromethane	11.002	129	74163	51.037	ug/l	98
61) 1,2-Dibromoethane	11.106	107	59223	54.095	ug/l	99
64) Tetrachloroethene	10.740	164	70335	52.898	ug/l	97
65) Chlorobenzene	11.532	112	216013	50.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.612	131	81009	49.879	ug/l	99
67) Ethyl Benzene	11.612	91	396767	51.583	ug/l	99
68) m/p-Xylenes	11.721	106	297741	105.456	ug/l	100
69) o-Xylene	12.044	106	139269	52.617	ug/l	99
70) Styrene	12.063	104	206334	53.562	ug/l	99
71) Bromoform	12.227	173	41687	52.139	ug/l #	99
73) Isopropylbenzene	12.349	105	374647	49.439	ug/l	100
74) N-amyl acetate	12.160	43	77199	50.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	72779	47.136	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	88065	87.451	ug/l #	100
77) Bromobenzene	12.624	156	82284	49.318	ug/l	97
78) n-propylbenzene	12.691	91	453353	49.210	ug/l	99
79) 2-Chlorotoluene	12.776	91	245796	48.114	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	303440	50.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	21700	48.931	ug/l	98
82) 4-Chlorotoluene	12.874	91	256665	49.178	ug/l	99
83) tert-Butylbenzene	13.093	119	262978	49.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	301439	51.073	ug/l	99
85) sec-Butylbenzene	13.270	105	386264	49.384	ug/l	99
86) p-Isopropyltoluene	13.386	119	326975	50.652	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	161196	49.263	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	156568	48.921	ug/l	100
89) n-Butylbenzene	13.715	91	313380	50.492	ug/l	99
90) Hexachloroethane	13.977	117	65601	47.293	ug/l	99
91) 1,2-Dichlorobenzene	13.758	146	138509	48.982	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9319	48.130	ug/l	98
93) 1,2,4-Trichlorobenzene	15.026	180	75172	53.533	ug/l	99
94) Hexachlorobutadiene	15.129	225	43184	49.091	ug/l	99
95) Naphthalene	15.257	128	145606	56.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	63296	53.087	ug/l	98

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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC050EC

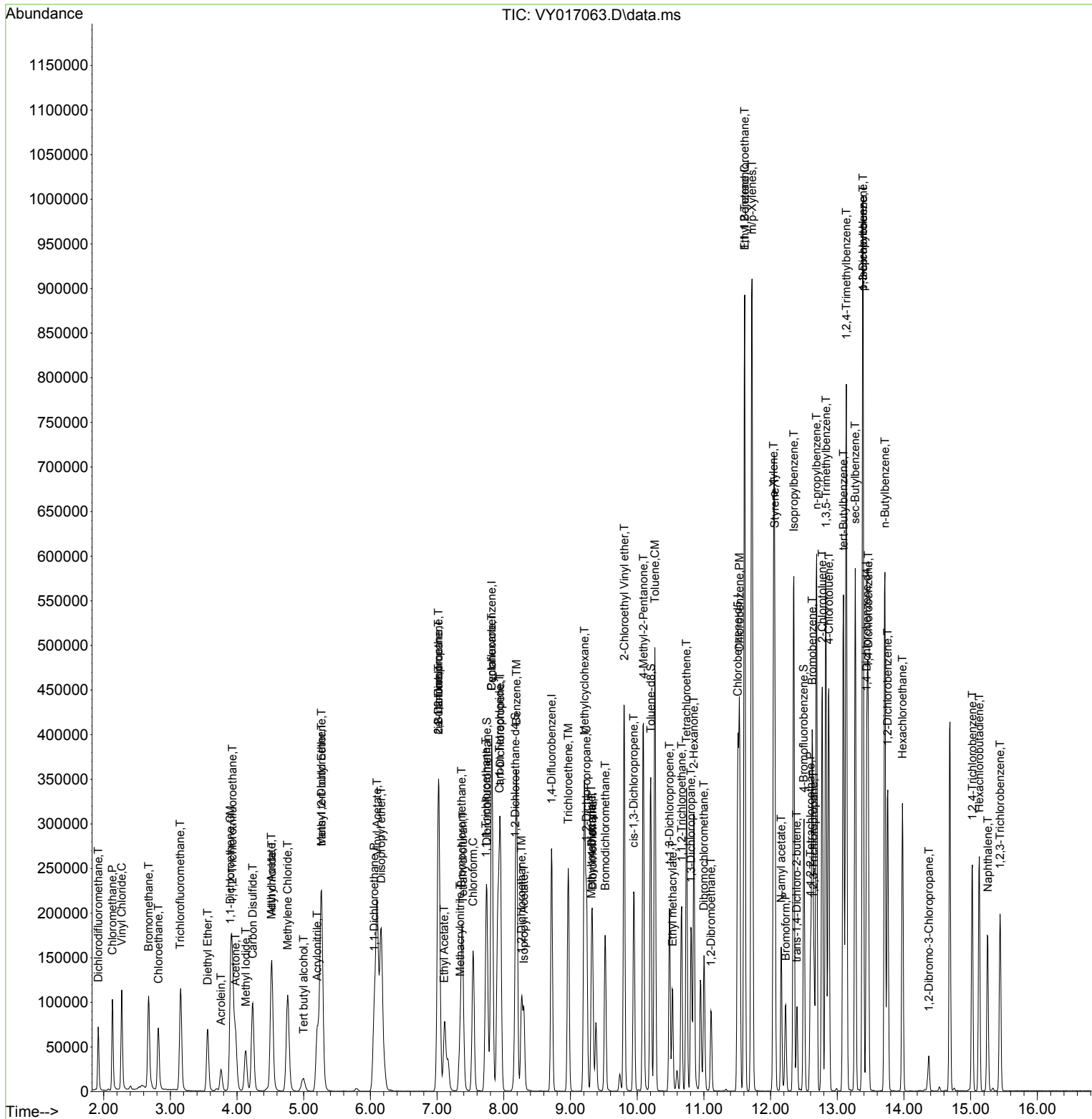
Quant Time: Jan 19 22:27:02 2024
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QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

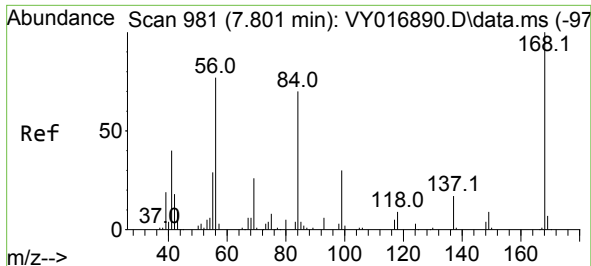
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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QLast Update : Tue Jan 02 14:25:32 2024
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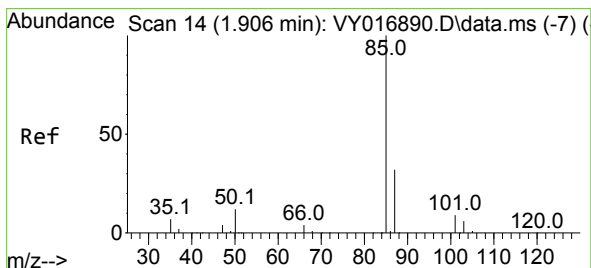
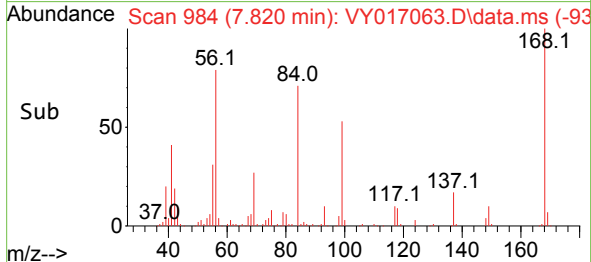
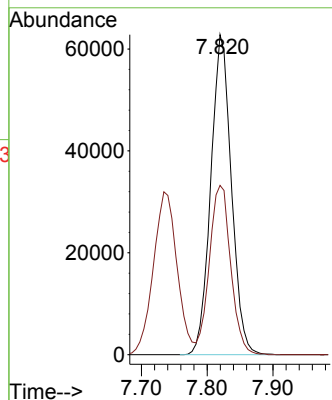
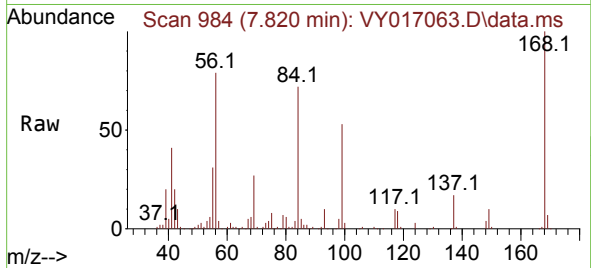




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017063.D
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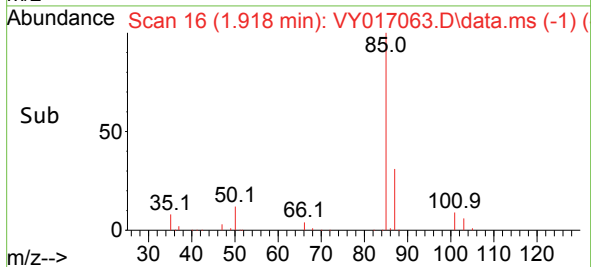
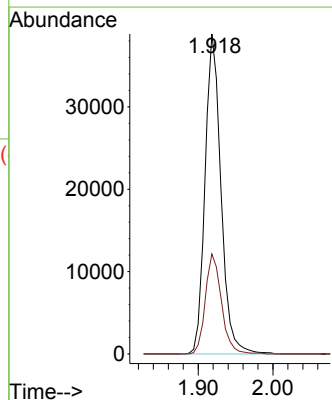
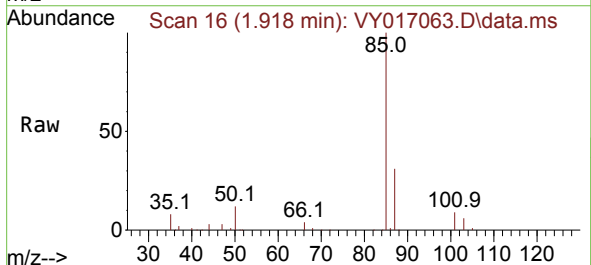
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

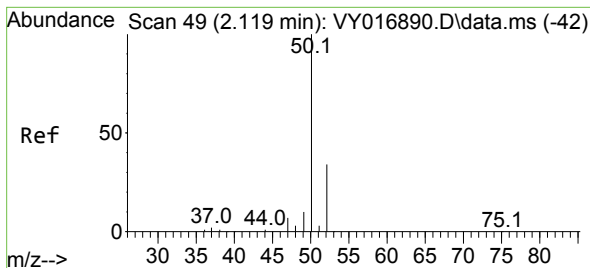
Tgt Ion:168 Resp: 136810
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 56.585 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 85 Resp: 57462
Ion Ratio Lower Upper
85 100
87 31.2 17.1 51.3





#3

Chloromethane

Concen: 56.801 ug/l

RT: 2.132 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

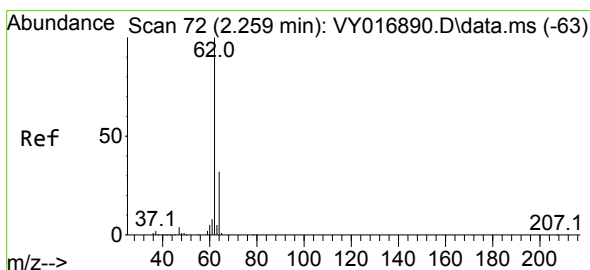
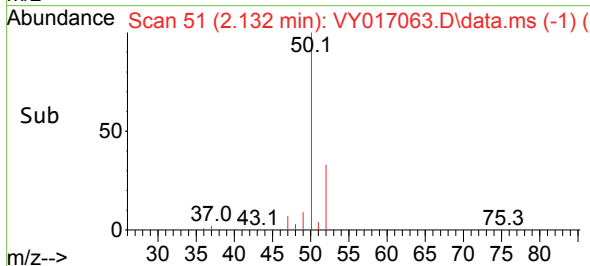
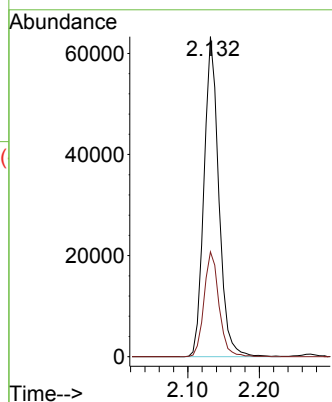
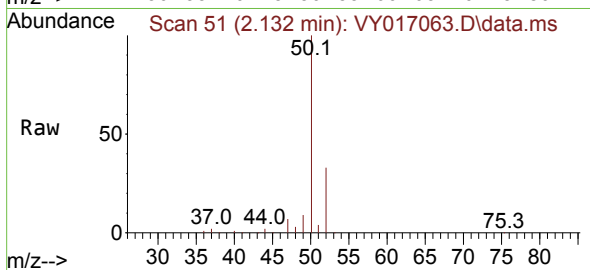
VSTDCCC050EC

Tgt Ion: 50 Resp: 91287

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 57.153 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY017063.D

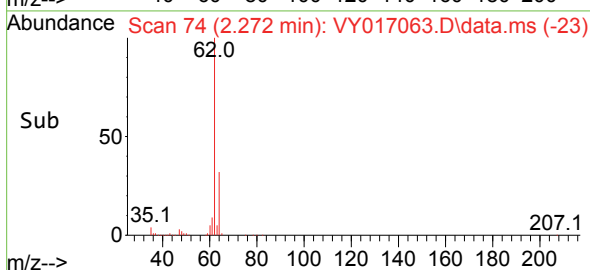
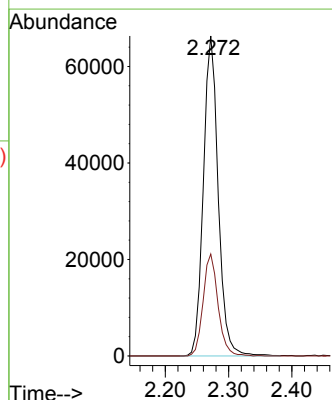
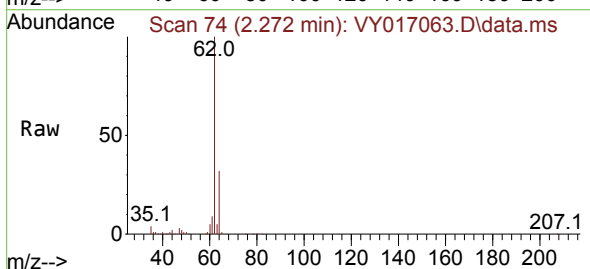
Acq: 19 Jan 2024 18:26

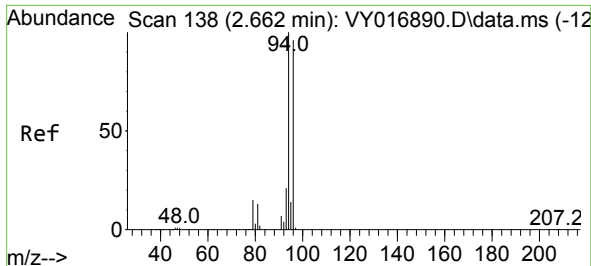
Tgt Ion: 62 Resp: 108345

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 59.142 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

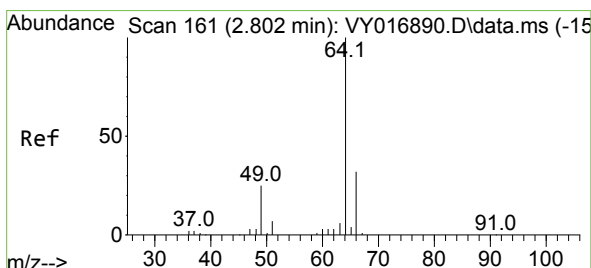
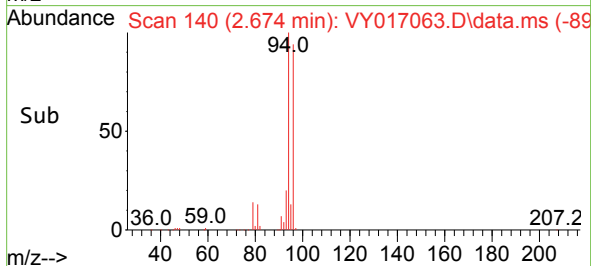
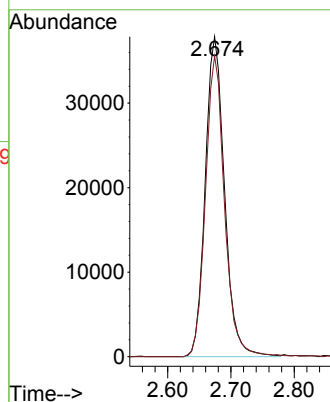
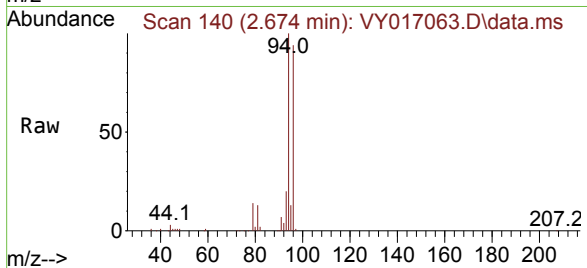
VSTDCCC050EC

Tgt Ion: 94 Resp: 80319

Ion Ratio Lower Upper

94 100

96 94.0 77.3 115.9



#6

Chloroethane

Concen: 55.789 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017063.D

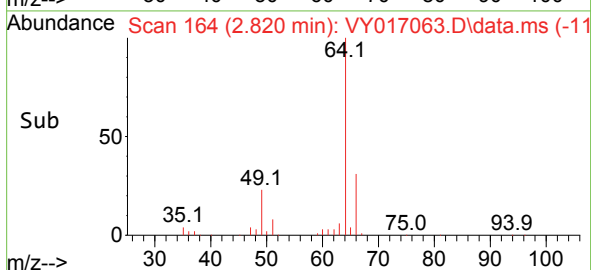
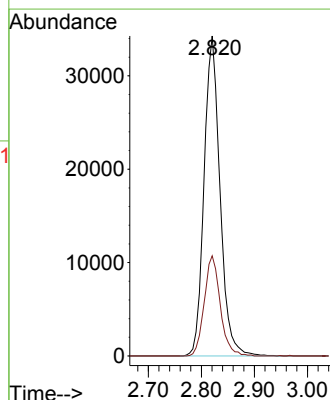
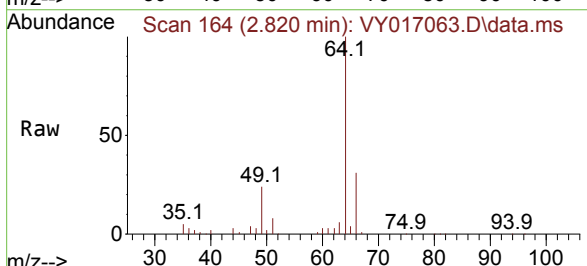
Acq: 19 Jan 2024 18:26

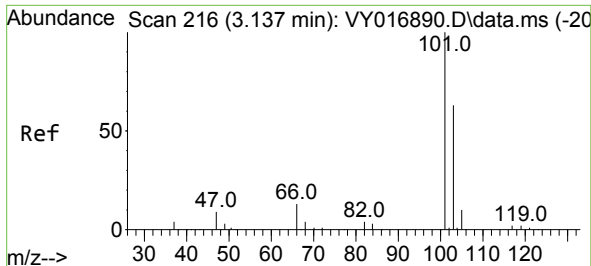
Tgt Ion: 64 Resp: 71541

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7

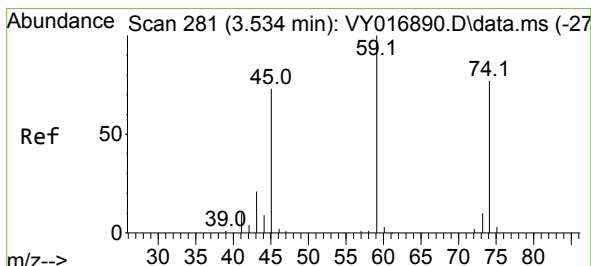
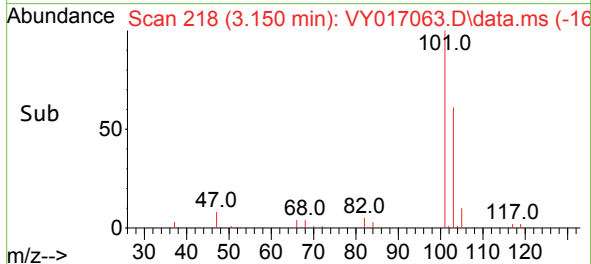
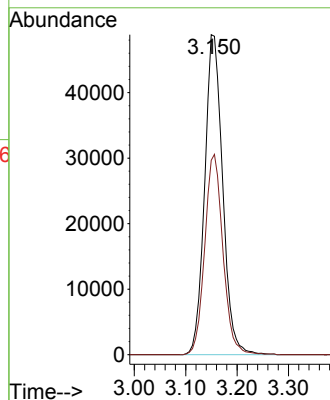
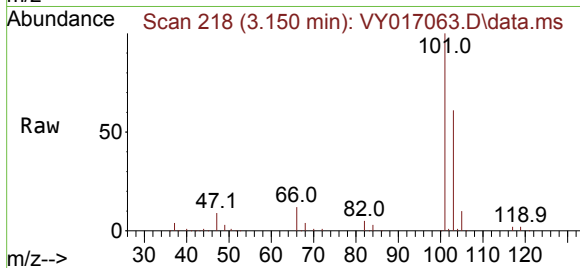




#7
Trichlorofluoromethane
Concen: 50.868 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

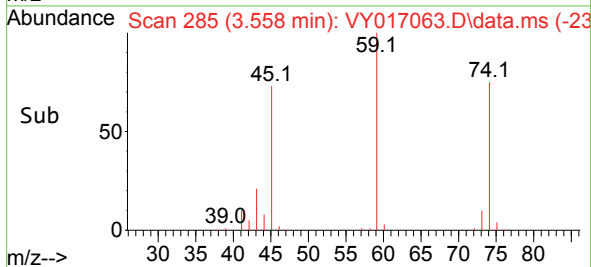
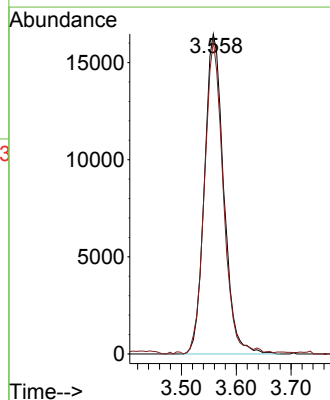
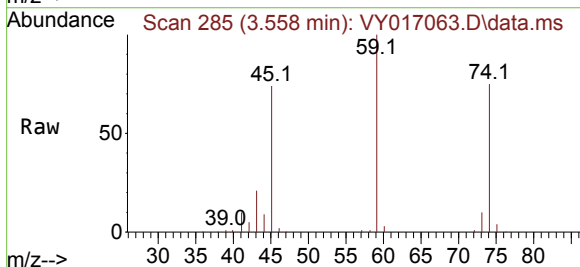
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

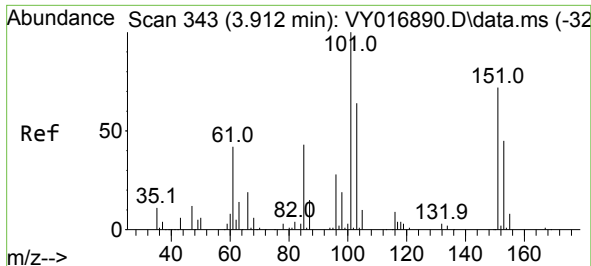
Tgt Ion:101 Resp: 118814
Ion Ratio Lower Upper
101 100
103 60.8 51.9 77.9



#8
Diethyl Ether
Concen: 53.700 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 74 Resp: 40085
Ion Ratio Lower Upper
74 100
45 96.1 47.9 143.7

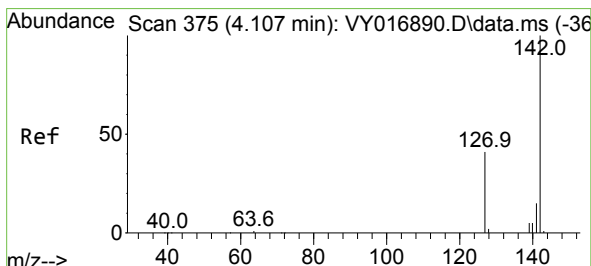
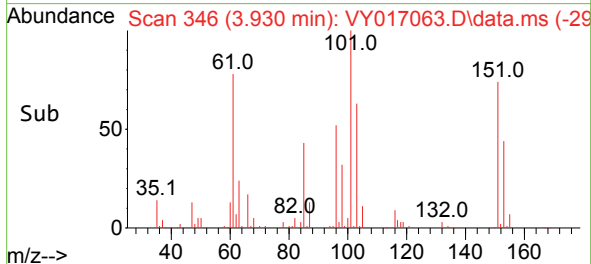
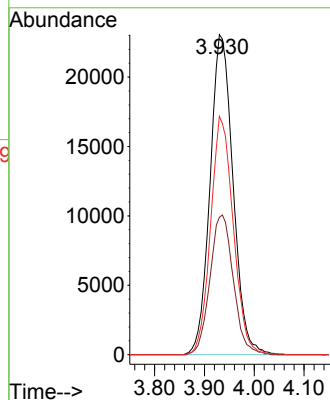
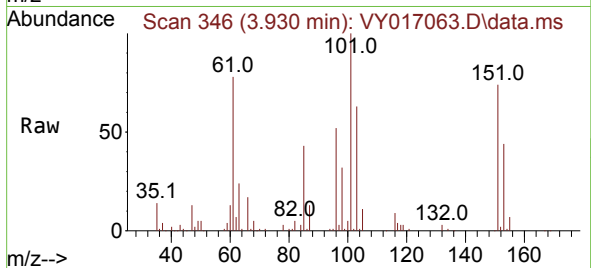




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.582 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.019 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

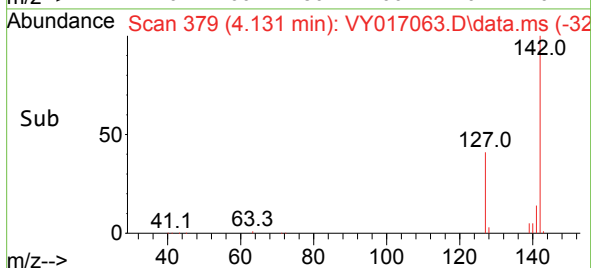
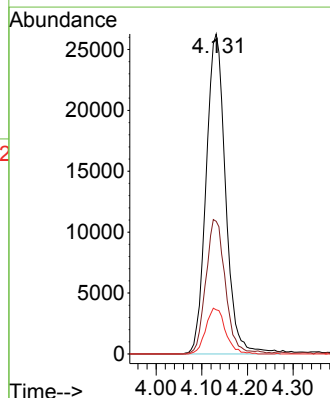
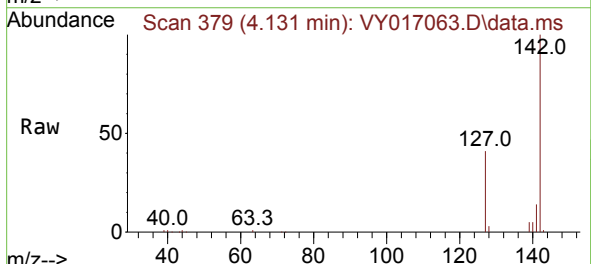
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

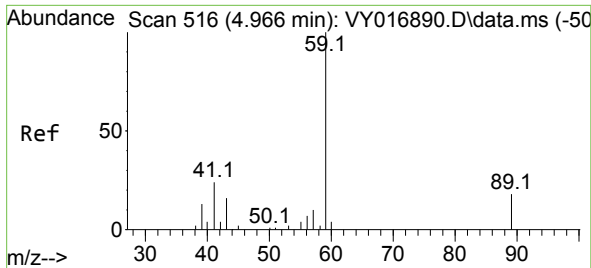
Tgt Ion:101	Resp:	73783
Ion Ratio	Lower	Upper
101	100	
85	44.4	35.8 53.6
151	73.5	58.6 88.0



#10
Methyl Iodide
Concen: 60.233 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion:142	Resp:	77823
Ion Ratio	Lower	Upper
142	100	
127	42.4	35.1 52.7
141	14.5	11.8 17.6

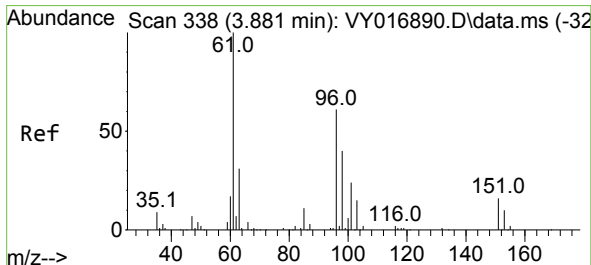
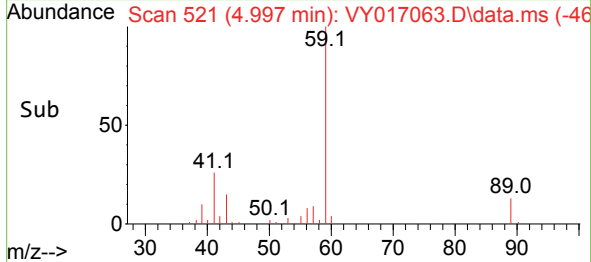
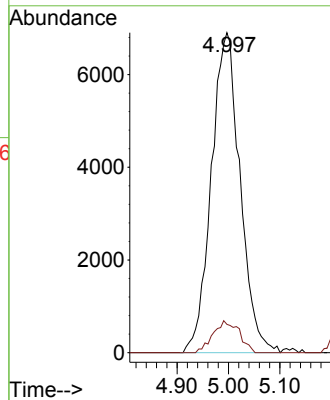
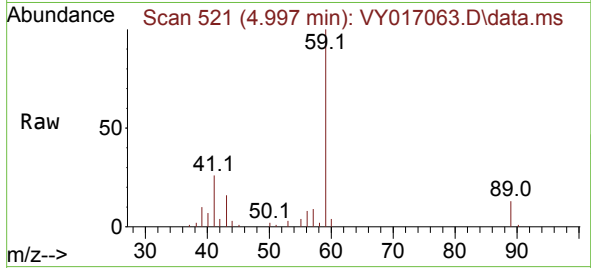




#11
Tert butyl alcohol
Concen: 276.086 ug/l
RT: 4.997 min Scan# 516
Delta R.T. 0.031 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

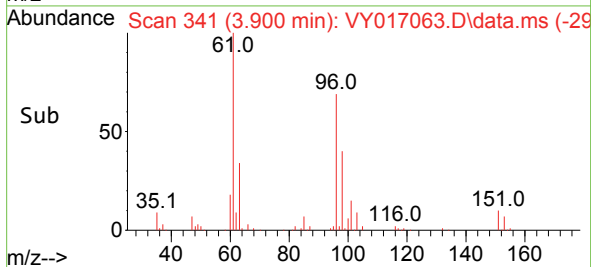
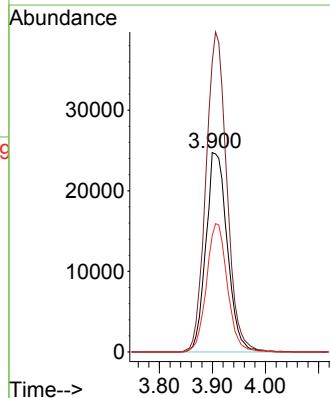
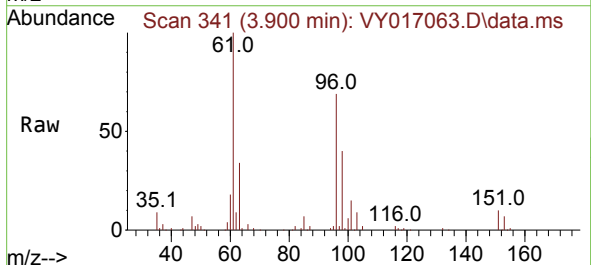
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

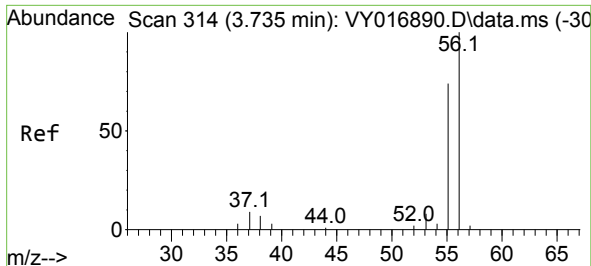
Tgt Ion: 59 Resp: 26817
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 53.318 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 96 Resp: 69477
Ion Ratio Lower Upper
96 100
61 145.4 124.2 186.2
98 58.2 52.6 79.0





#13

Acrolein

Concen: 201.287 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

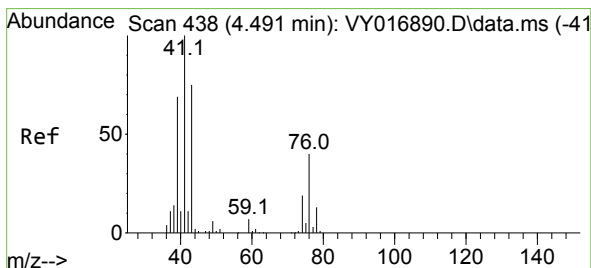
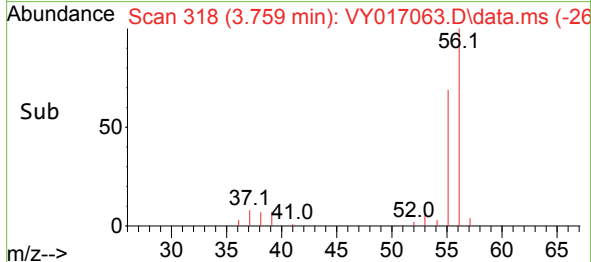
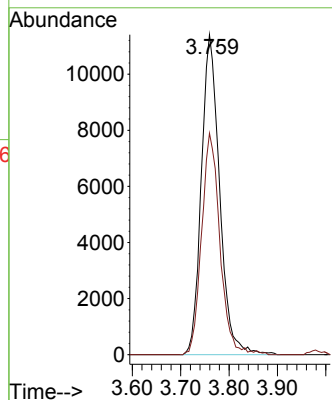
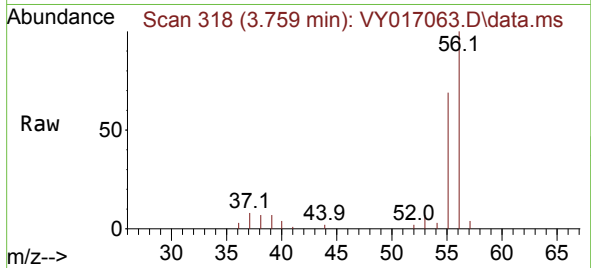
VSTDCCC050EC

Tgt Ion: 56 Resp: 29907

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0



#14

Allyl chloride

Concen: 52.302 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

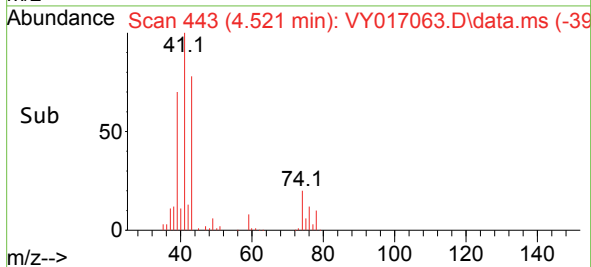
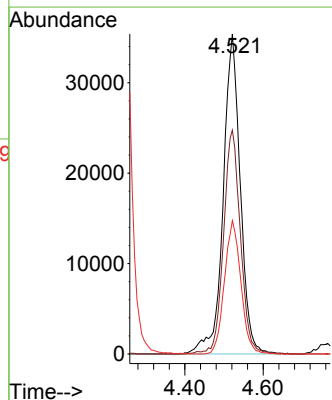
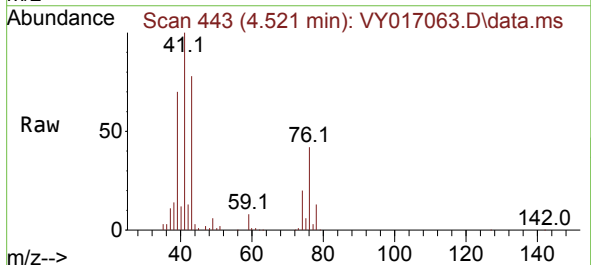
Tgt Ion: 41 Resp: 107743

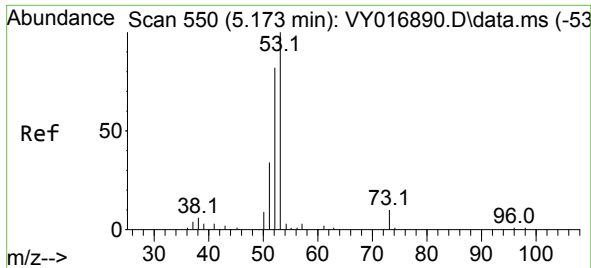
Ion Ratio Lower Upper

41 100

39 68.9 54.7 82.1

76 39.9 31.8 47.6

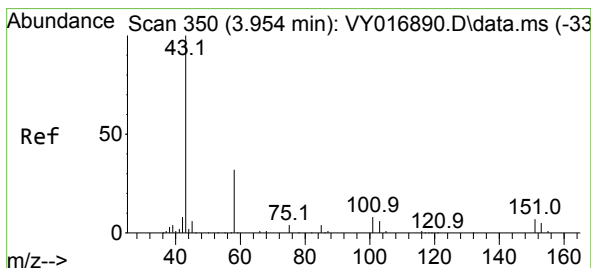
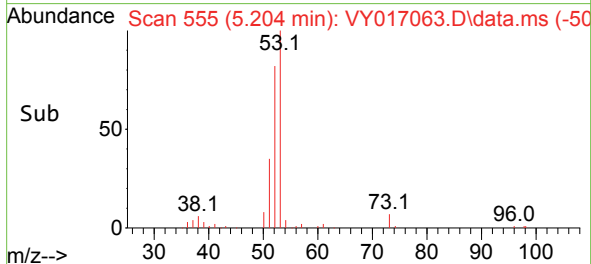
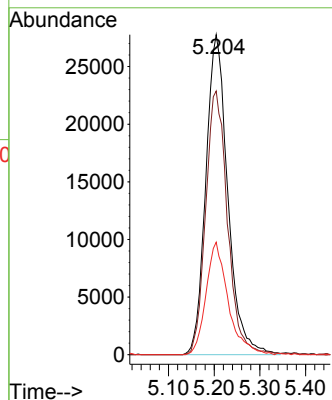
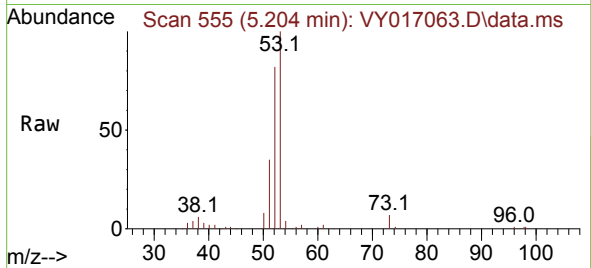




#15
Acrylonitrile
Concen: 265.344 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

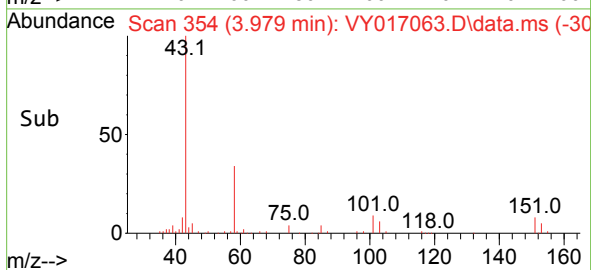
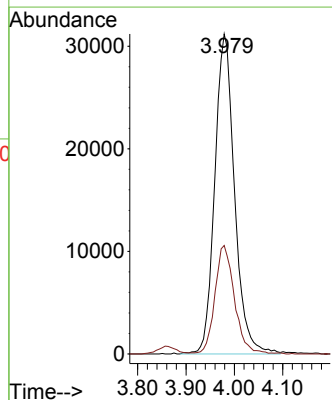
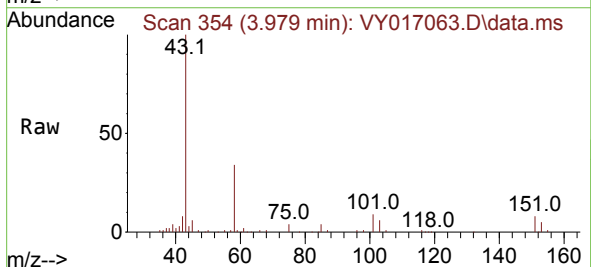
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

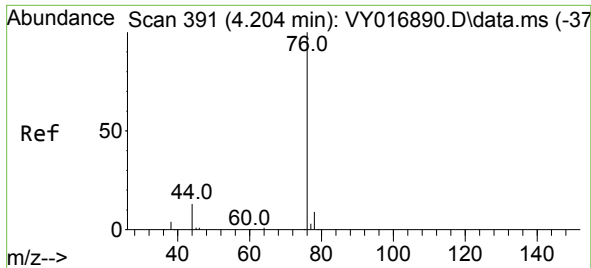
Tgt Ion: 53	Resp:	92646
Ion Ratio	Lower	Upper
53	100	
52	82.0	65.1 97.7
51	35.5	29.0 43.4



#16
Acetone
Concen: 267.510 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 43	Resp:	88587
Ion Ratio	Lower	Upper
43	100	
58	33.6	26.6 39.8





#17

Carbon Disulfide

Concen: 66.312 ug/l

RT: 4.235 min Scan# 391

Delta R.T. 0.025 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

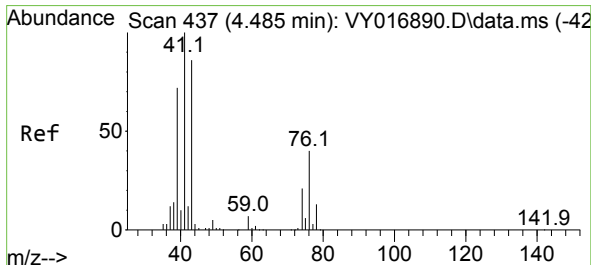
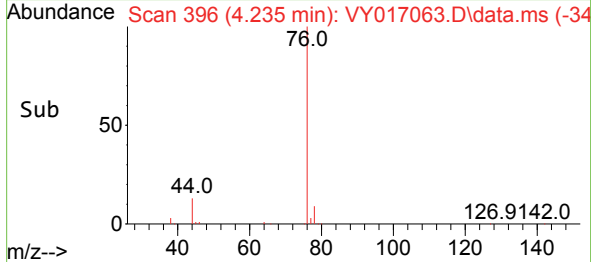
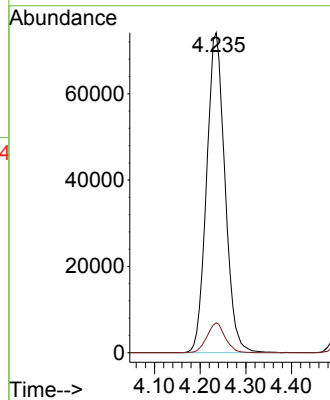
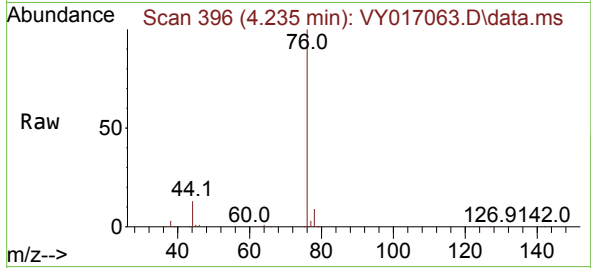
VSTDCCC050EC

Tgt Ion: 76 Resp: 206464

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 62.753 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY017063.D

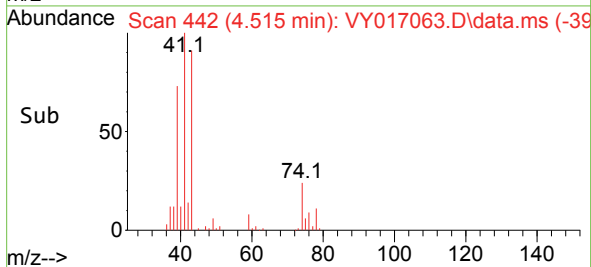
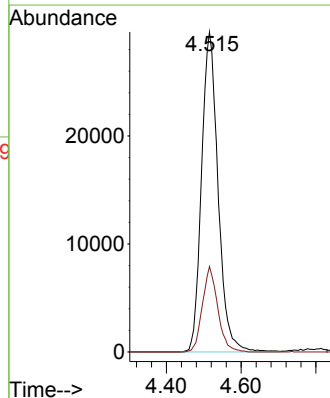
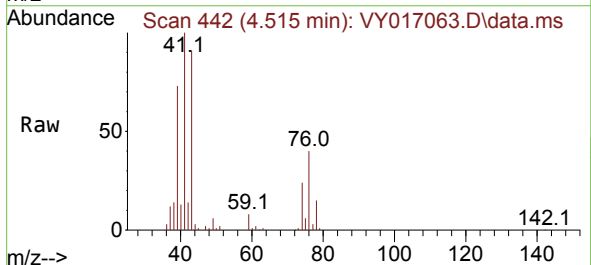
Acq: 19 Jan 2024 18:26

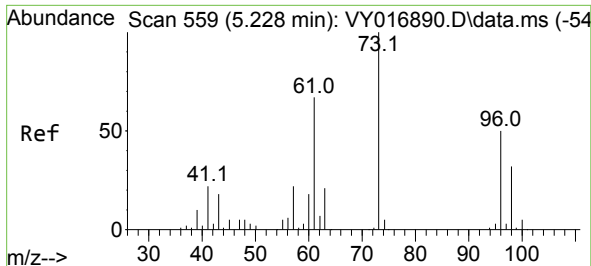
Tgt Ion: 43 Resp: 90909

Ion Ratio Lower Upper

43 100

74 24.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 53.425 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.031 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

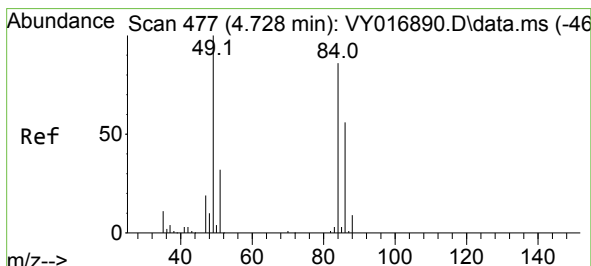
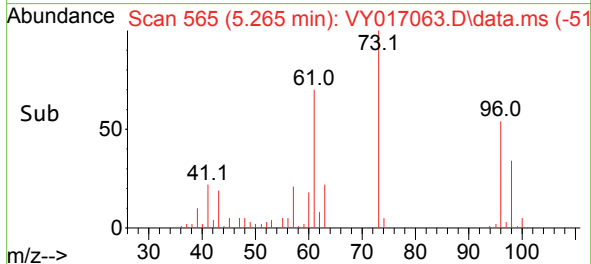
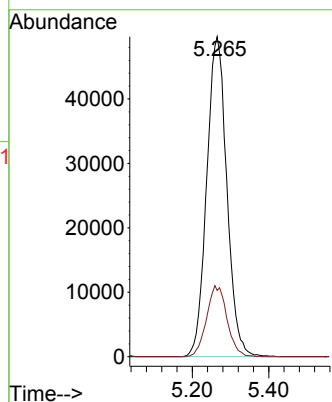
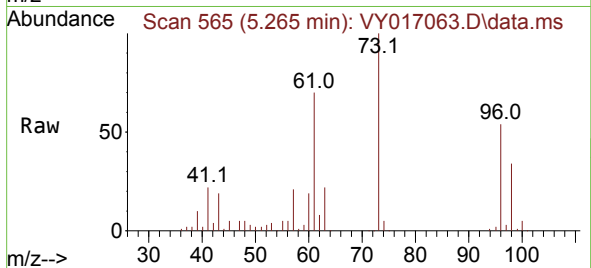
VSTDCCC050EC

Tgt Ion: 73 Resp: 181118

Ion Ratio Lower Upper

73 100

57 20.7 17.7 26.5



#20

Methylene Chloride

Concen: 47.431 ug/l

RT: 4.759 min Scan# 482

Delta R.T. 0.025 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Tgt Ion: 84 Resp: 83608

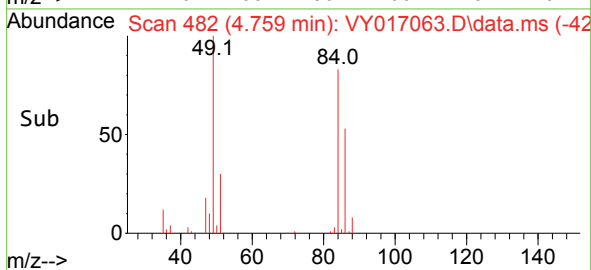
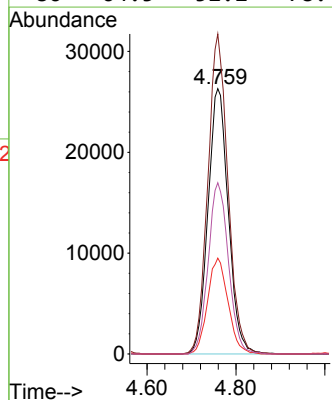
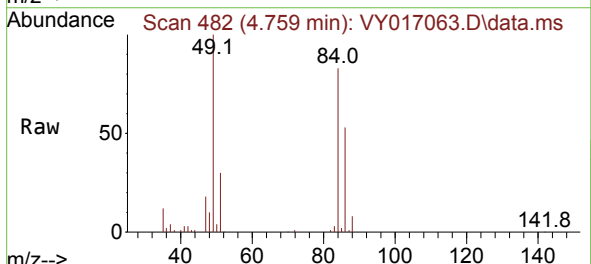
Ion Ratio Lower Upper

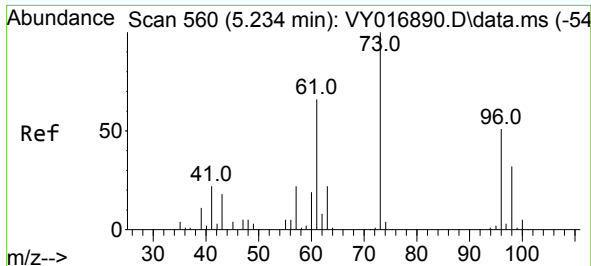
84 100

49 120.6 95.2 142.8

51 36.1 29.9 44.9

86 64.5 52.2 78.4

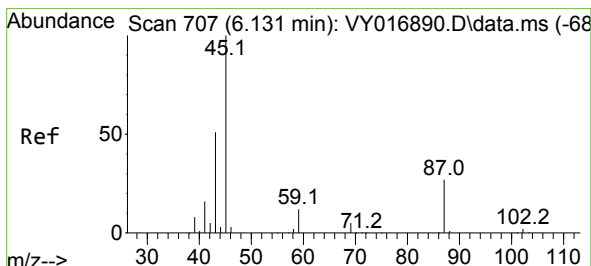
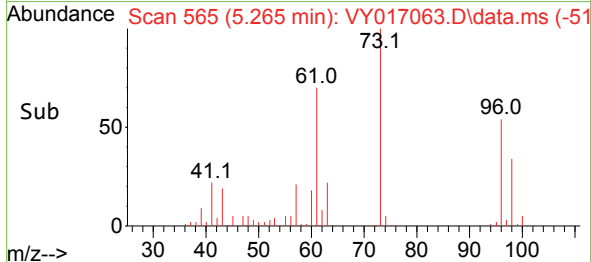
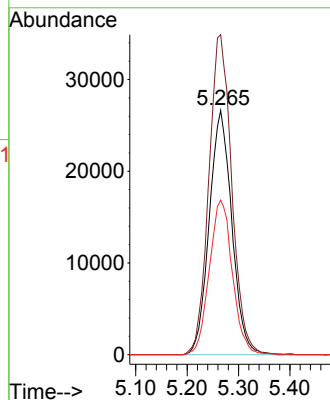
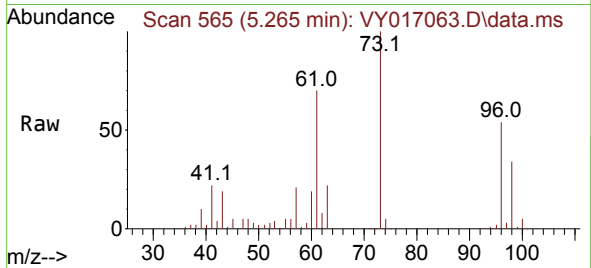




#21
trans-1,2-Dichloroethene
Concen: 54.464 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

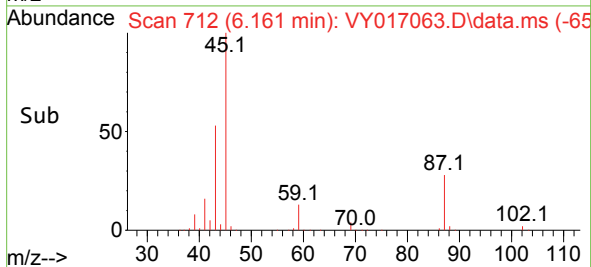
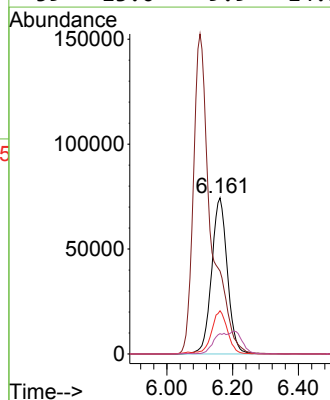
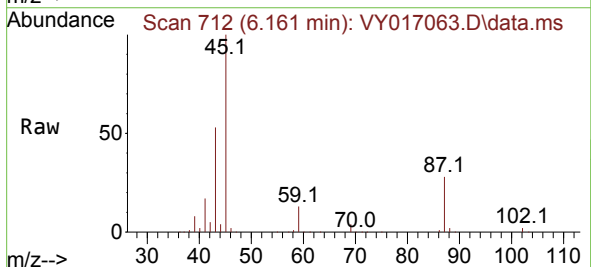
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

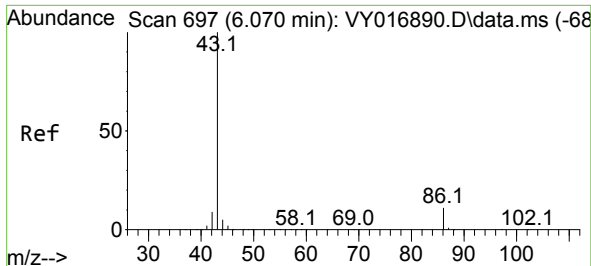
Tgt Ion: 96 Resp: 81282
Ion Ratio Lower Upper
96 100
61 131.0 104.6 156.8
98 63.2 50.9 76.3



#22
Diisopropyl ether
Concen: 51.908 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.030 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 45 Resp: 247213
Ion Ratio Lower Upper
45 100
43 52.9 46.8 70.2
87 27.6 22.2 33.2
59 13.0 9.9 14.9

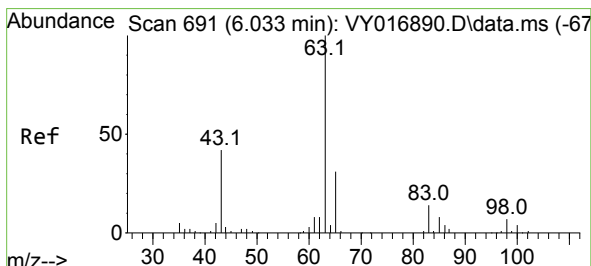
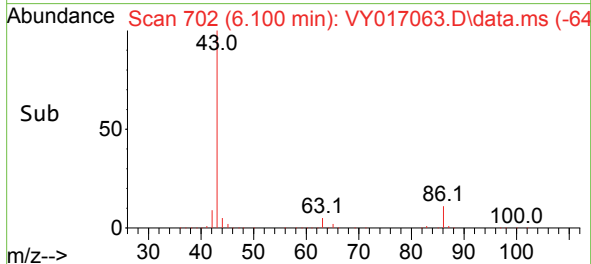
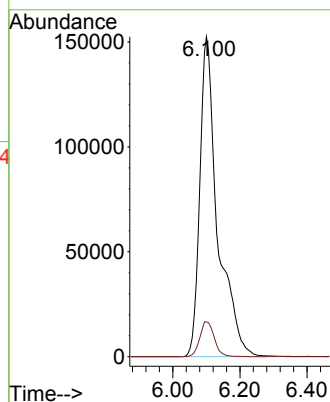
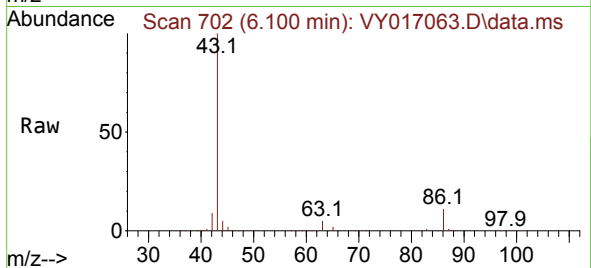




#23
Vinyl Acetate
Concen: 257.411 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.024 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

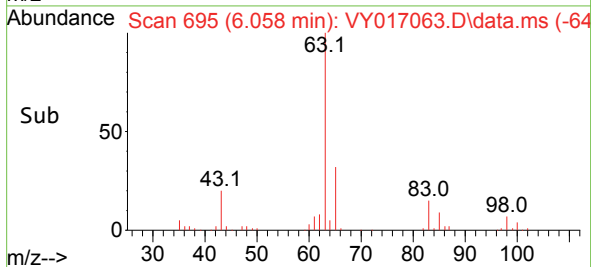
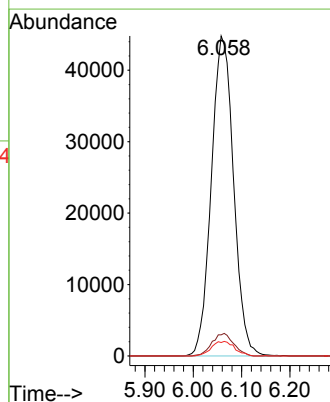
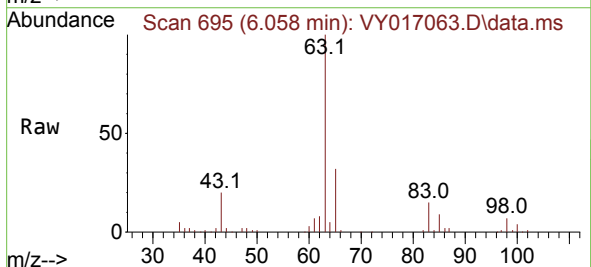
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

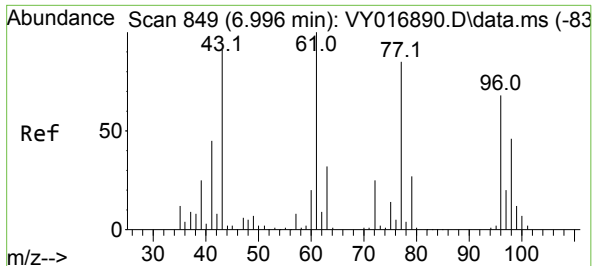
Tgt Ion: 43 Resp: 562113
Ion Ratio Lower Upper
43 100
86 10.9 8.6 13.0



#24
1,1-Dichloroethane
Concen: 49.999 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.025 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 63 Resp: 143094
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.4
100 4.2 2.1 6.2





#25

2-Butanone

Concen: 275.295 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

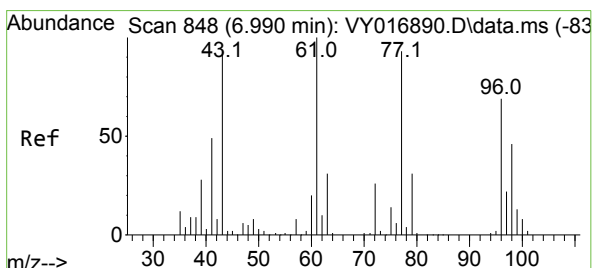
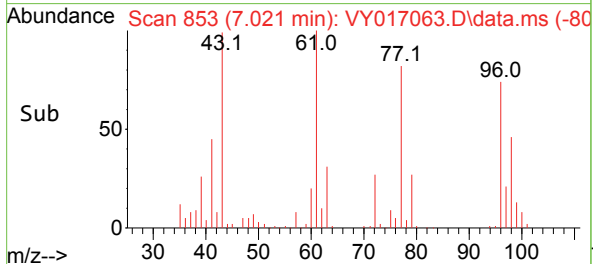
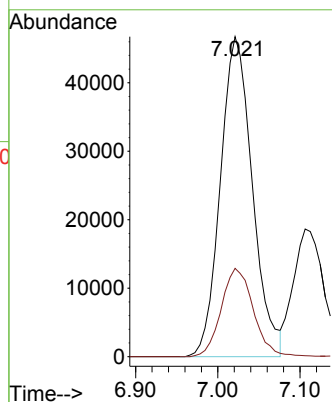
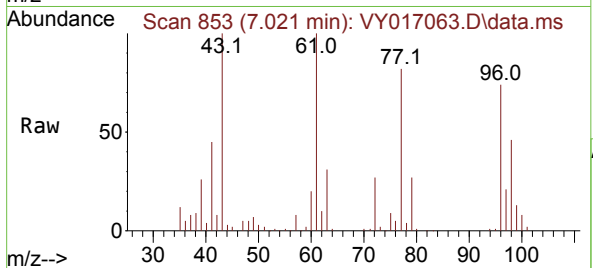
VSTDCCC050EC

Tgt Ion: 43 Resp: 126579

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 47.664 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY017063.D

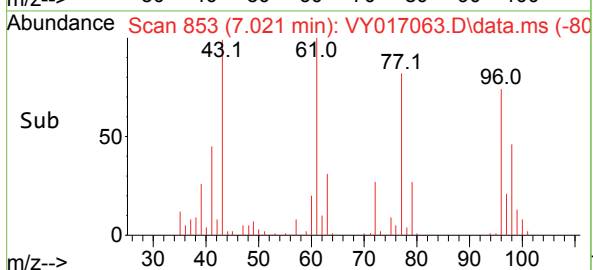
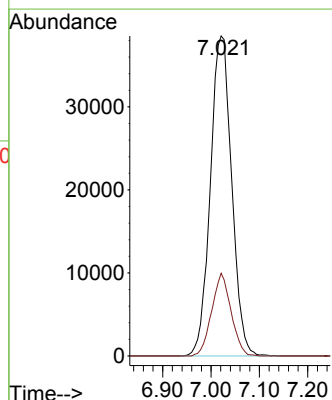
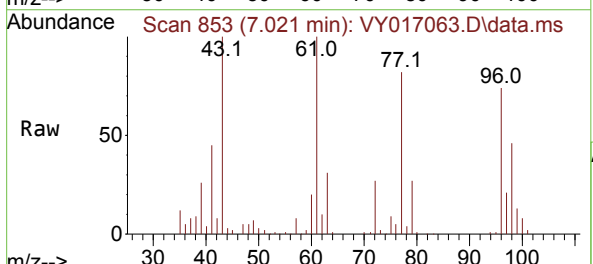
Acq: 19 Jan 2024 18:26

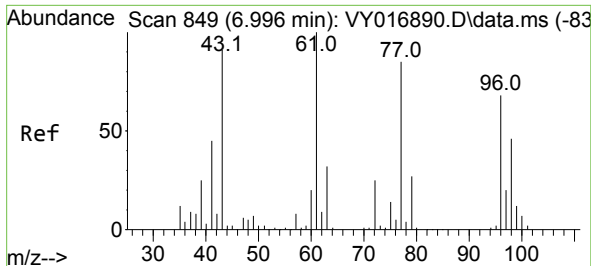
Tgt Ion: 77 Resp: 118274

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.631 ug/l

RT: 7.021 min Scan# 8

Delta R.T. 0.019 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

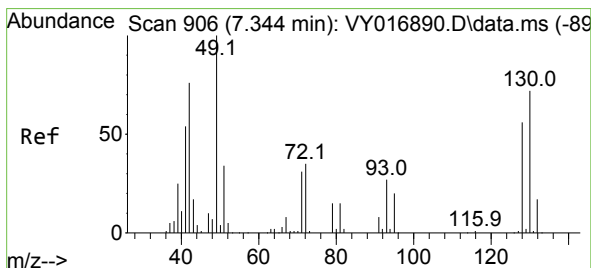
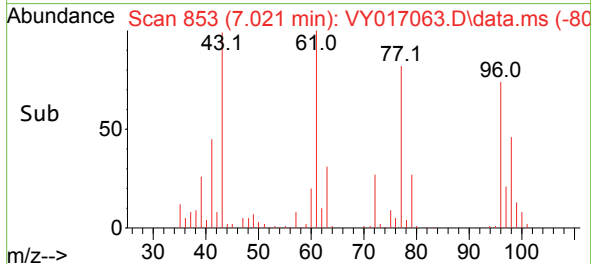
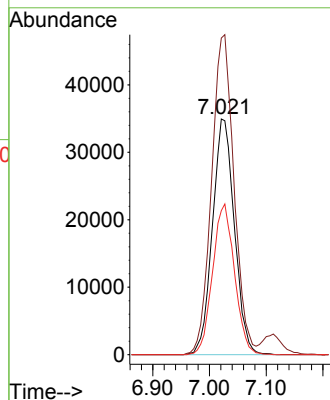
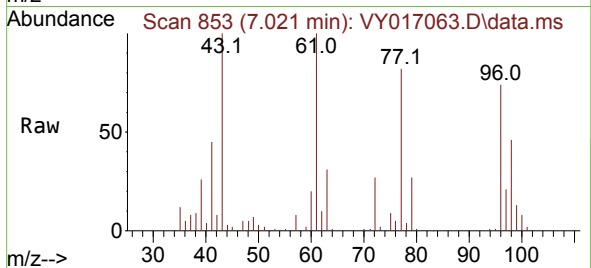
Tgt Ion: 96 Resp: 93825

Ion Ratio Lower Upper

96 100

61 138.8 0.0 278.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 58.041 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

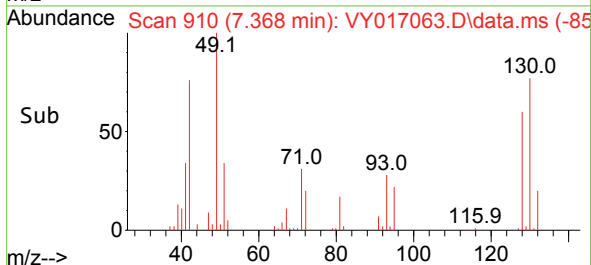
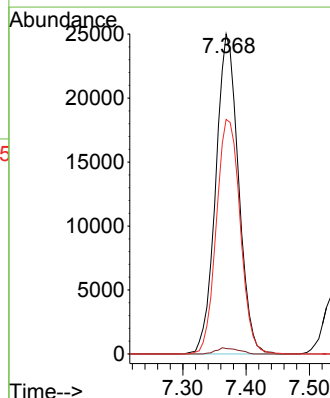
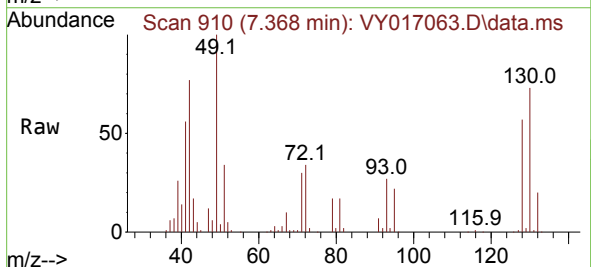
Tgt Ion: 49 Resp: 62361

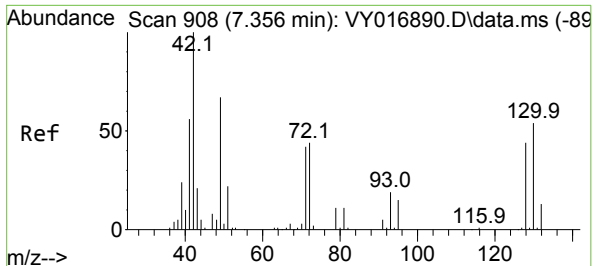
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 76.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 278.395 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.025 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

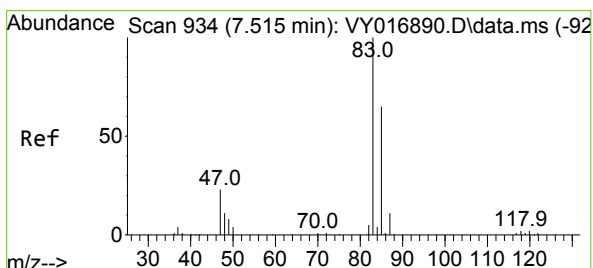
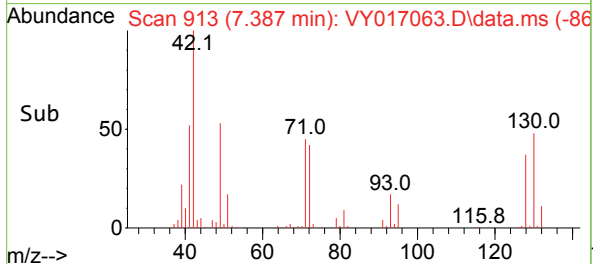
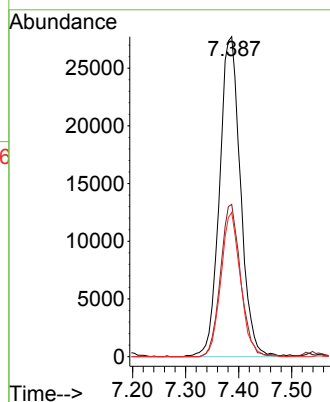
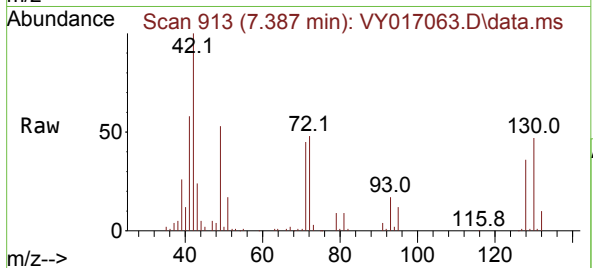
Tgt Ion: 42 Resp: 76190

Ion Ratio Lower Upper

42 100

72 45.7 36.6 54.8

71 42.1 33.8 50.6



#30

Chloroform

Concen: 49.791 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017063.D

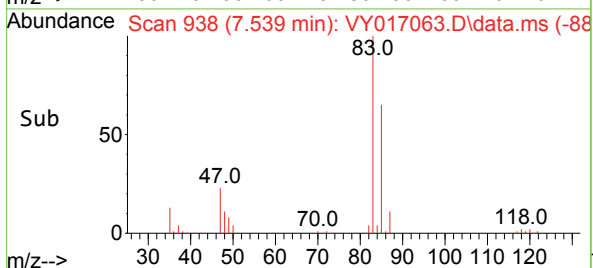
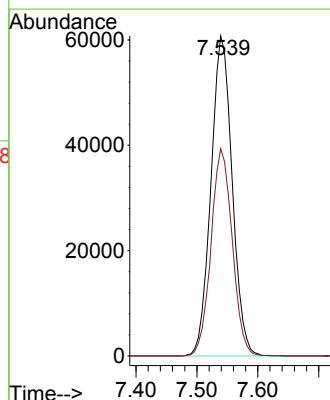
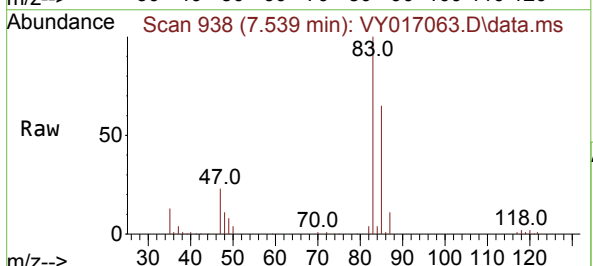
Acq: 19 Jan 2024 18:26

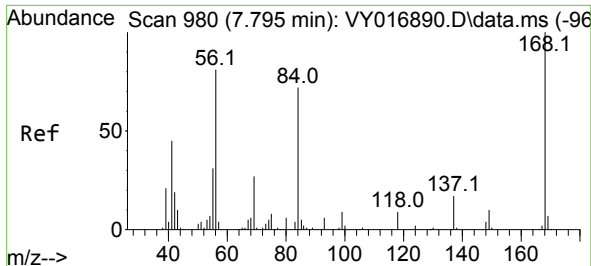
Tgt Ion: 83 Resp: 146847

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

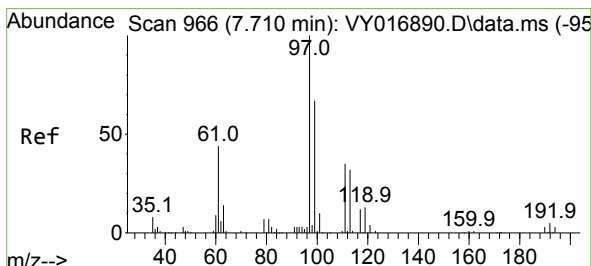
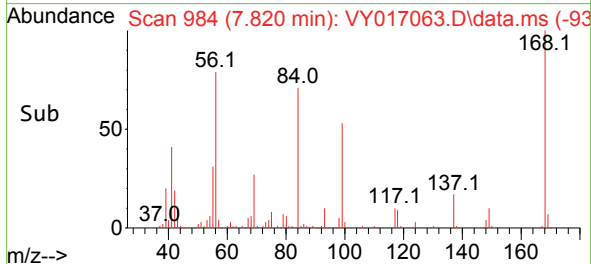
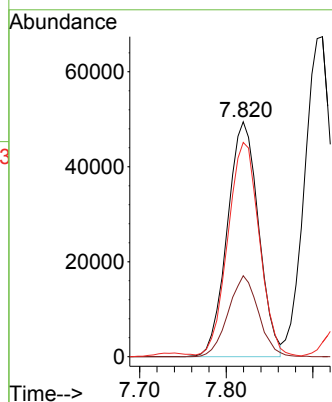
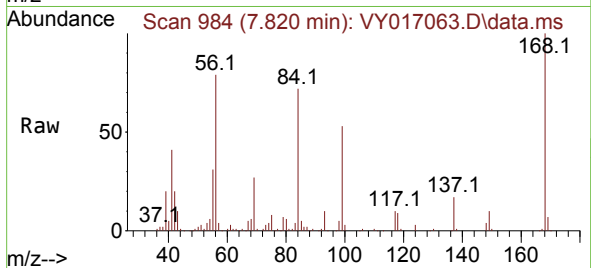




#31
Cyclohexane
Concen: 53.411 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

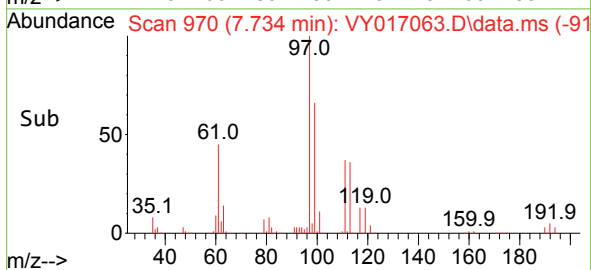
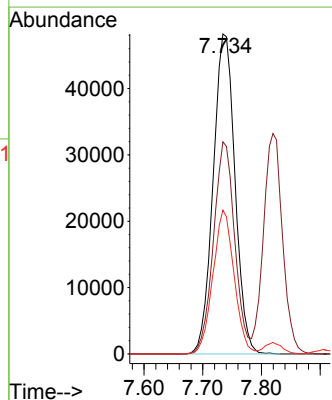
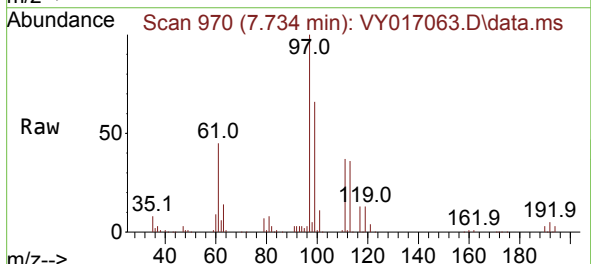
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

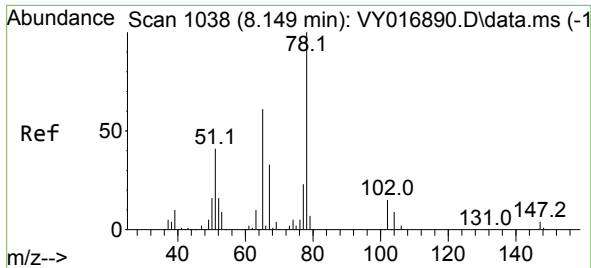
Tgt Ion: 56 Resp: 123955
Ion Ratio Lower Upper
56 100
69 34.5 27.0 40.6
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.773 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 97 Resp: 124468
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 43.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.537 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

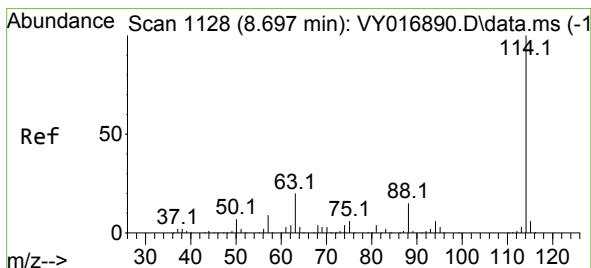
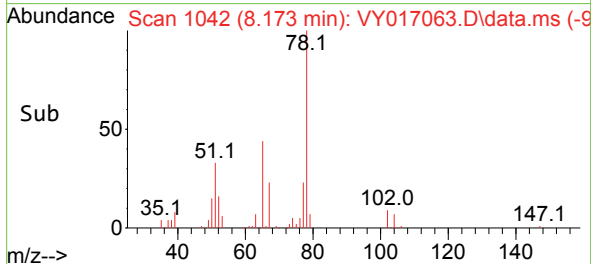
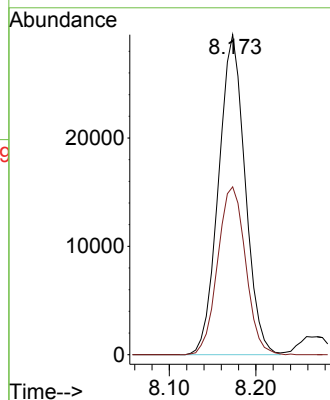
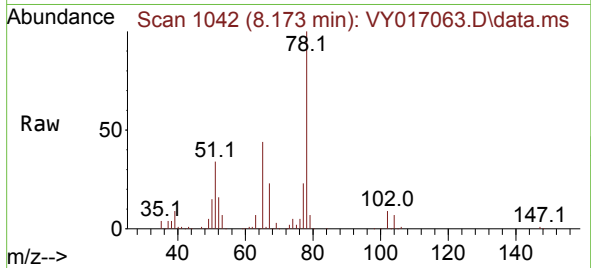
VSTDCCC050EC

Tgt Ion: 65 Resp: 62926

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

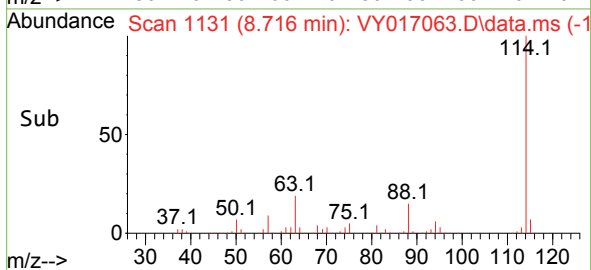
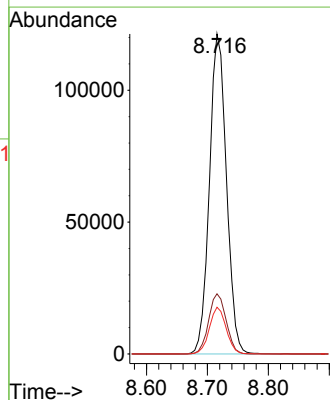
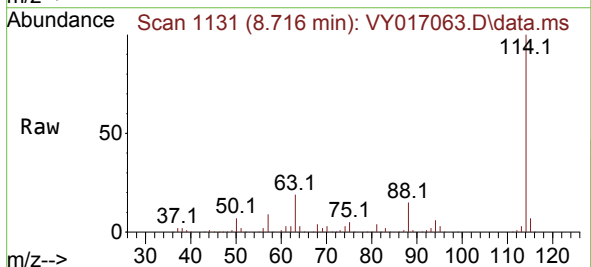
Tgt Ion: 114 Resp: 235639

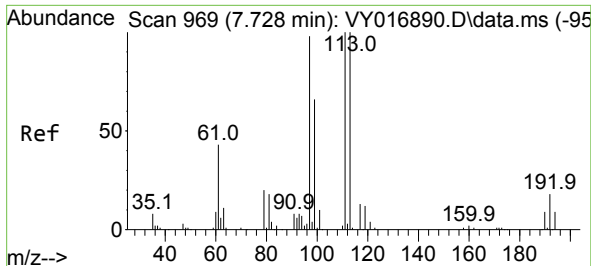
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.6 0.0 29.0

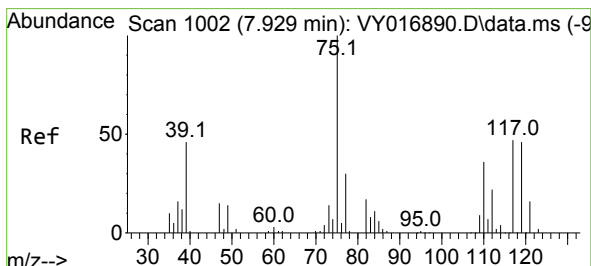
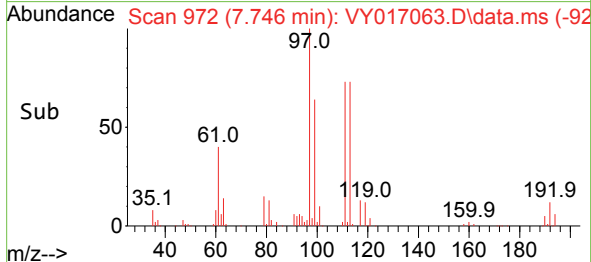
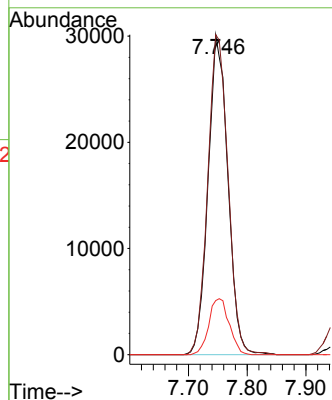
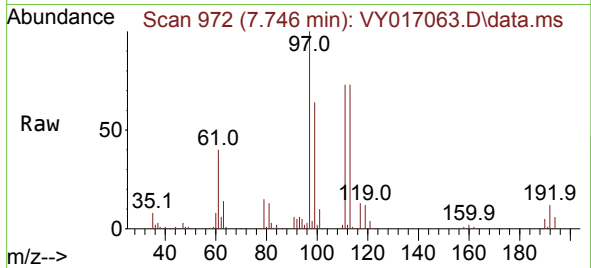




#35
Dibromofluoromethane
Concen: 46.866 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

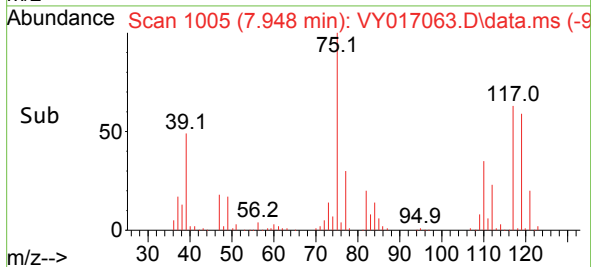
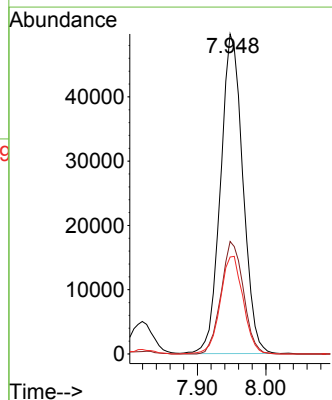
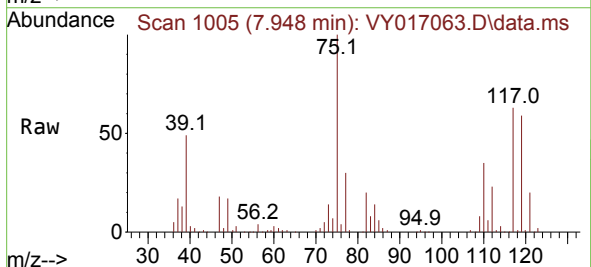
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

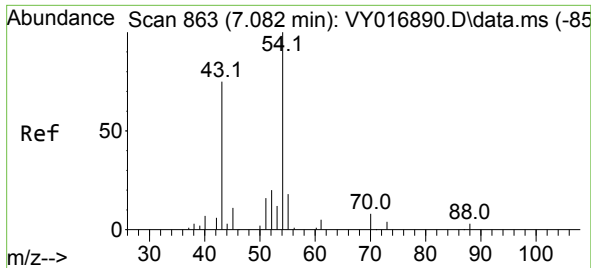
Tgt Ion:113 Resp: 70373
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.326 ug/l
RT: 7.948 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 75 Resp: 112319
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 31.4 24.7 37.1

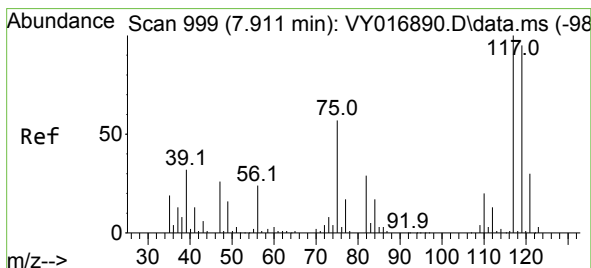
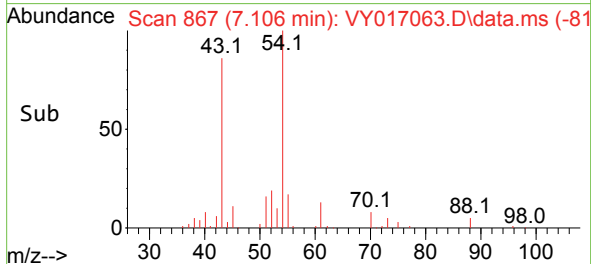
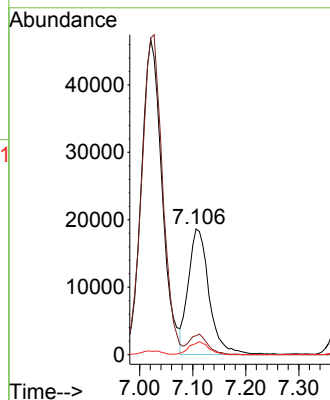
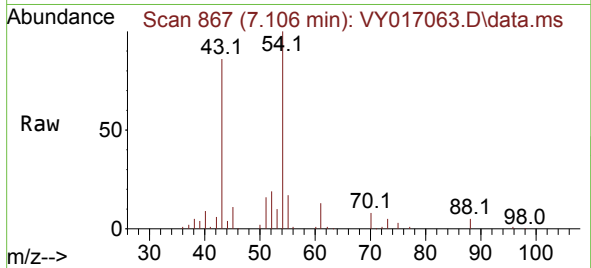




#37
Ethyl Acetate
Concen: 50.753 ug/l
RT: 7.106 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

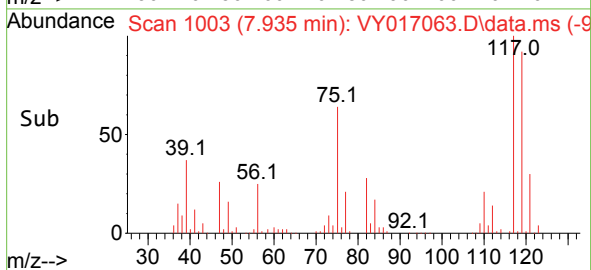
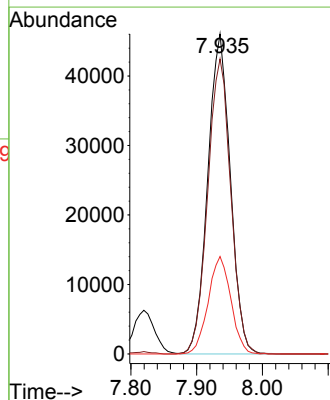
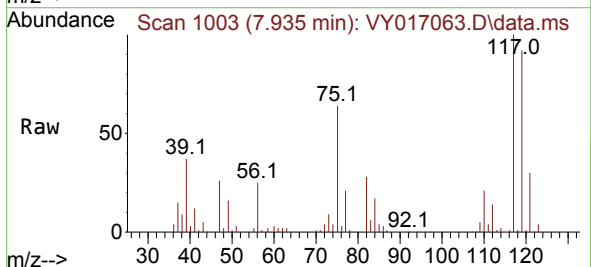
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

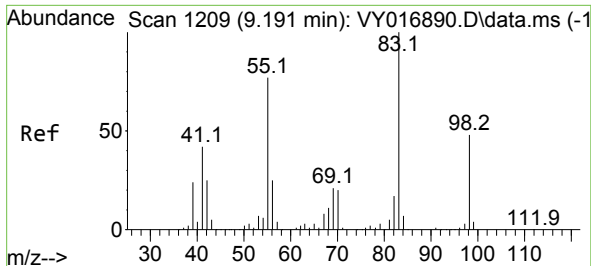
Tgt Ion: 43	Resp: 50472
Ion Ratio	Lower Upper
43	100
61	14.8 11.0 16.6
70	9.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.430 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 117	Resp: 109898
Ion Ratio	Lower Upper
117	100
119	92.2 76.0 114.0
121	30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 56.802 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

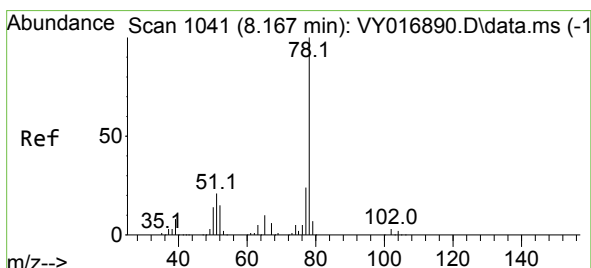
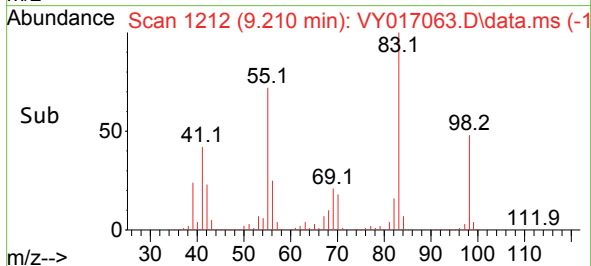
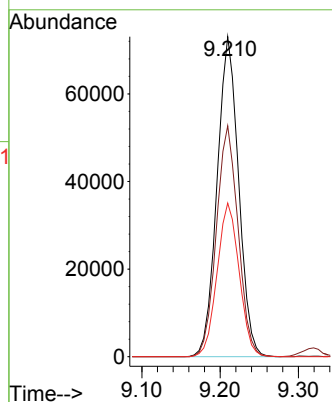
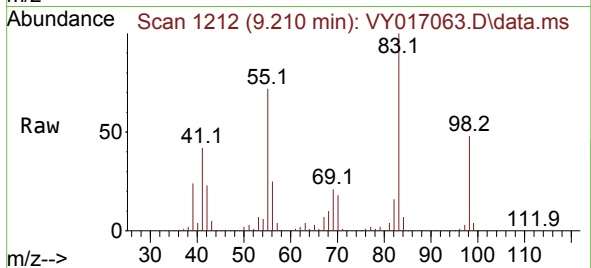
Tgt Ion: 83 Resp: 139738

Ion Ratio Lower Upper

83 100

55 72.2 59.7 89.5

98 48.0 38.0 57.0



#40

Benzene

Concen: 51.214 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017063.D

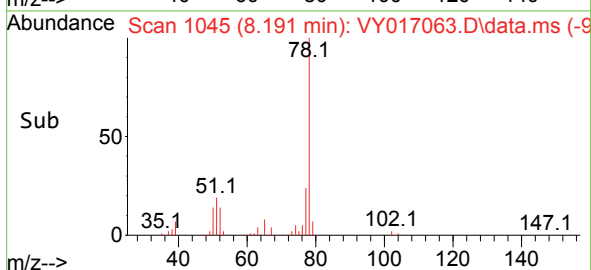
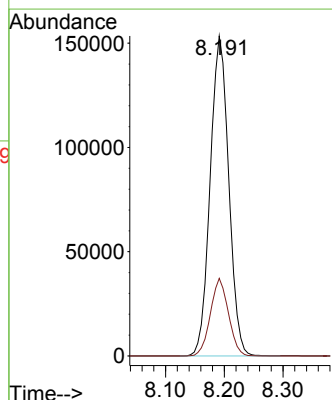
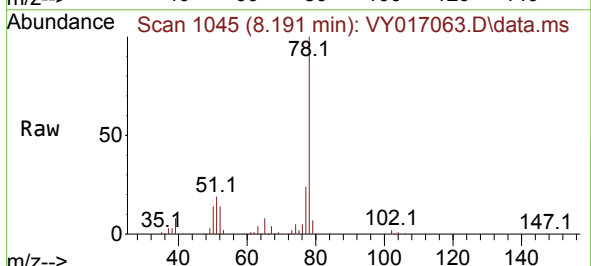
Acq: 19 Jan 2024 18:26

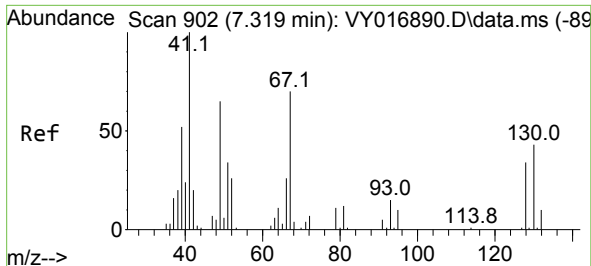
Tgt Ion: 78 Resp: 336194

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2

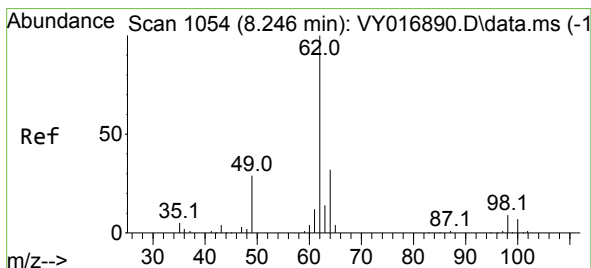
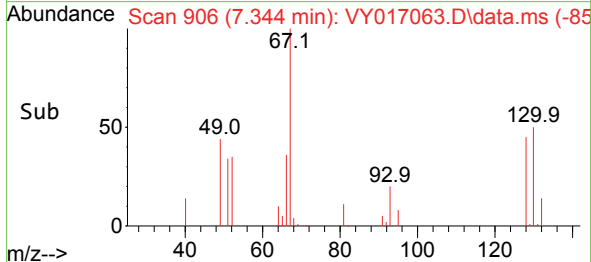
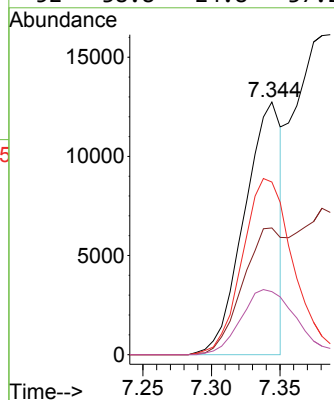
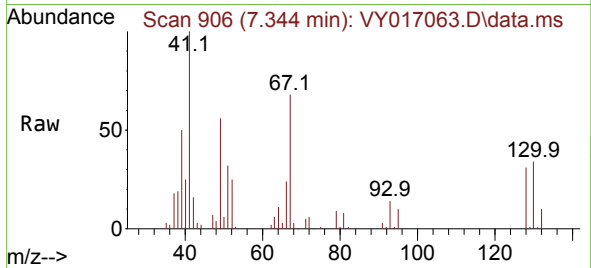




#41
Methacrylonitrile
Concen: 45.629 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

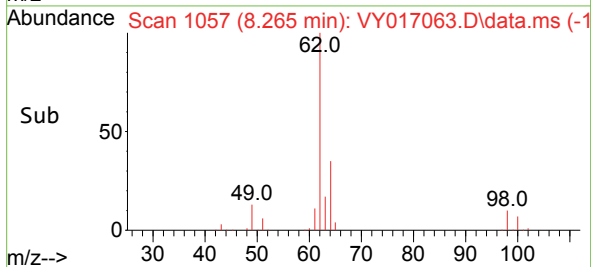
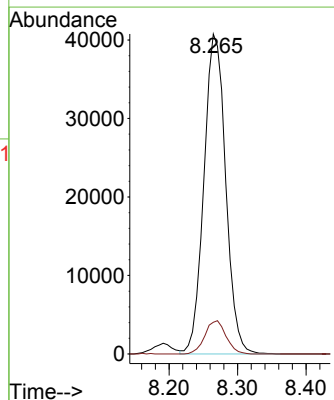
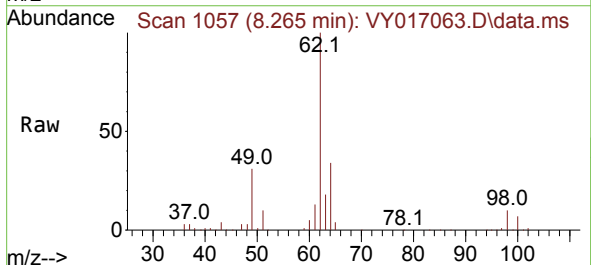
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

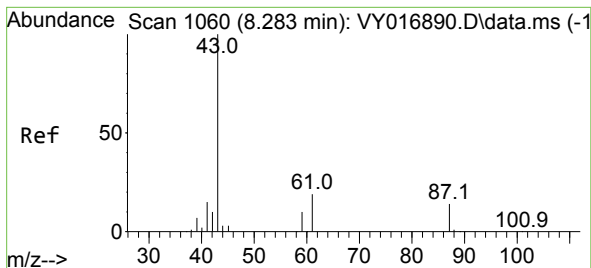
Tgt Ion: 41	Resp: 23898
Ion Ratio	Lower Upper
41 100	
39 61.5	41.9 62.9
67 96.6	59.8 89.6#
52 38.8	24.8 37.2#



#42
1,2-Dichloroethane
Concen: 51.702 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 62	Resp: 90103
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 20.2





#43

Isopropyl Acetate

Concen: 51.222 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

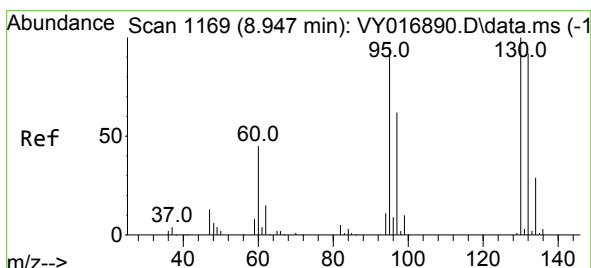
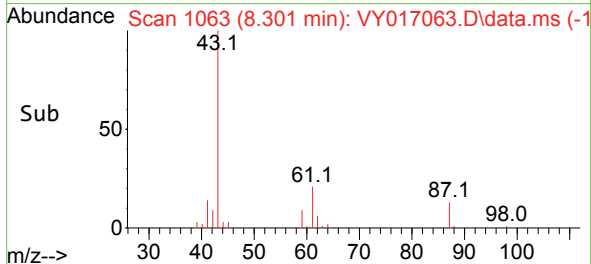
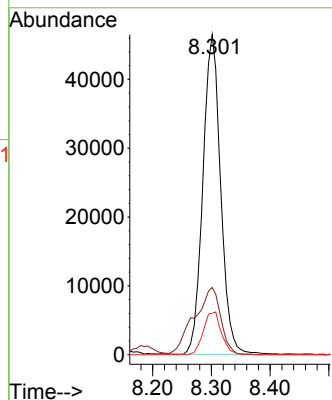
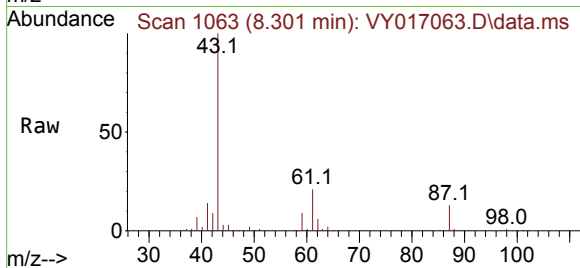
Tgt Ion: 43 Resp: 97547

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

87 13.7 10.7 16.1



#44

Trichloroethene

Concen: 51.303 ug/l

RT: 8.966 min Scan# 1172

Delta R.T. 0.019 min

Lab File: VY017063.D

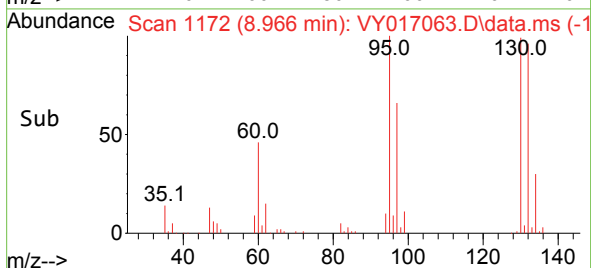
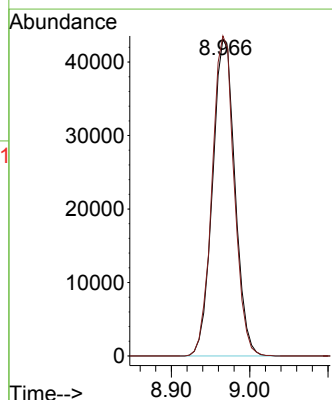
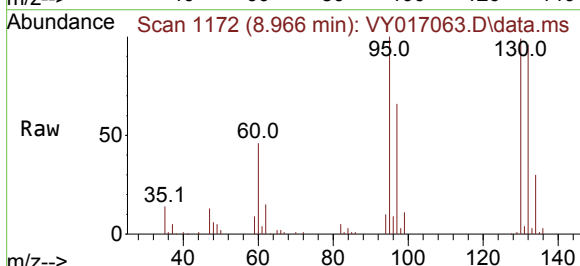
Acq: 19 Jan 2024 18:26

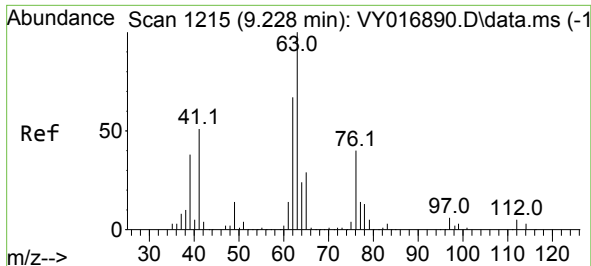
Tgt Ion:130 Resp: 85697

Ion Ratio Lower Upper

130 100

95 101.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 49.230 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

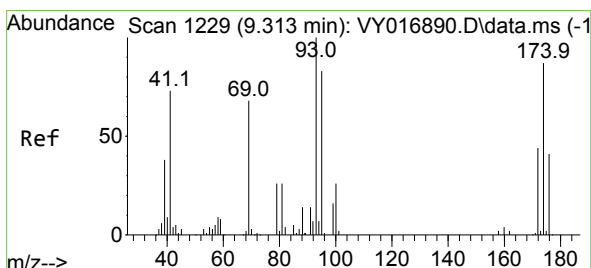
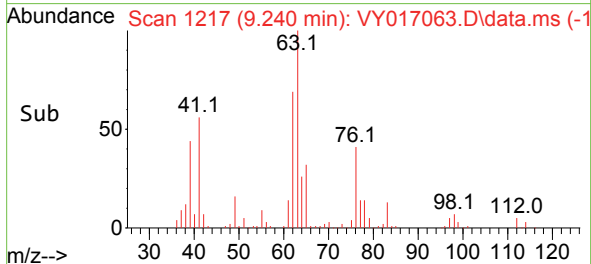
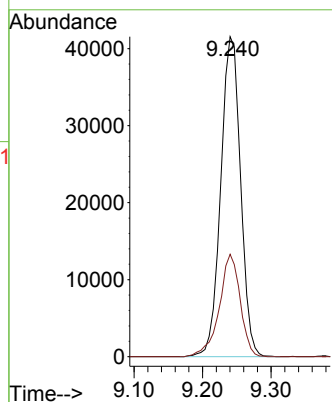
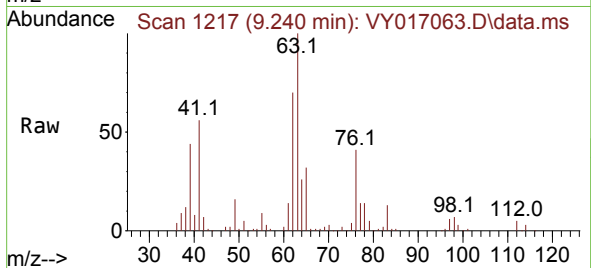
VSTDCCC050EC

Tgt Ion: 63 Resp: 83257

Ion Ratio Lower Upper

63 100

65 32.0 24.6 36.8



#46

Dibromomethane

Concen: 52.525 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

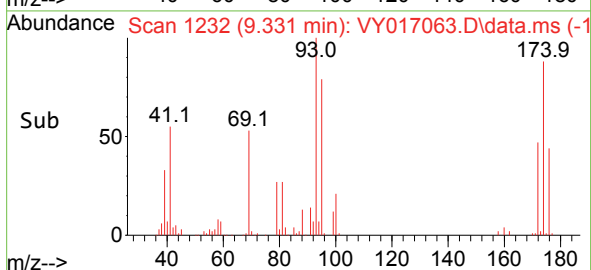
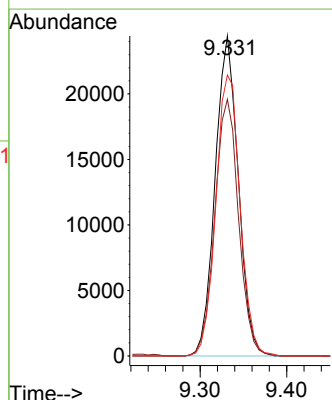
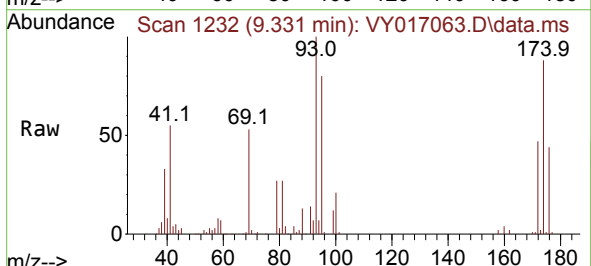
Tgt Ion: 93 Resp: 45303

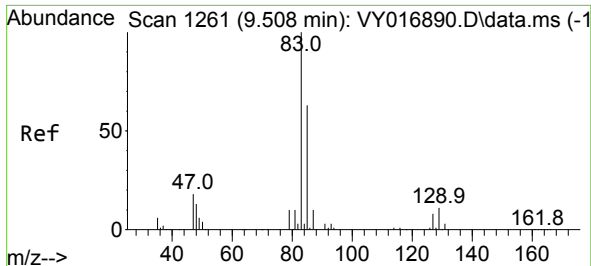
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 91.9 73.8 110.6

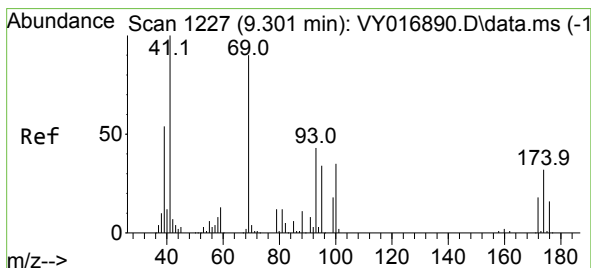
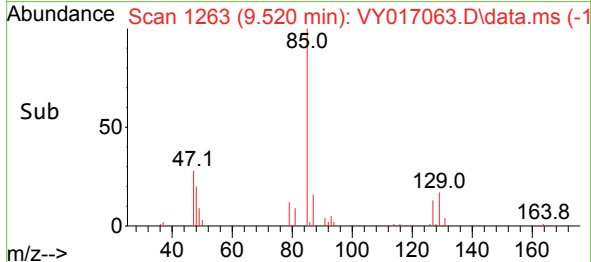
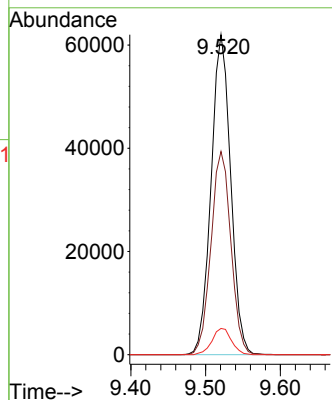
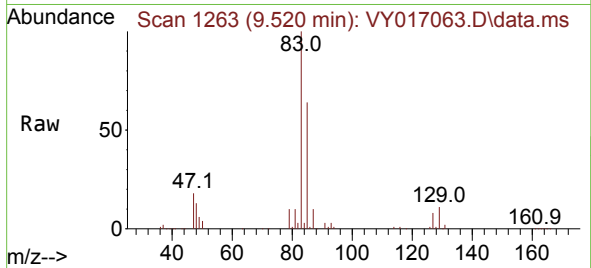




#47
Bromodichloromethane
Concen: 48.689 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

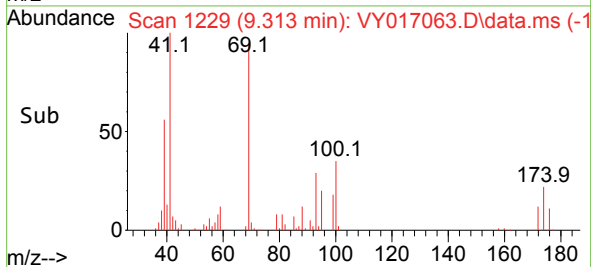
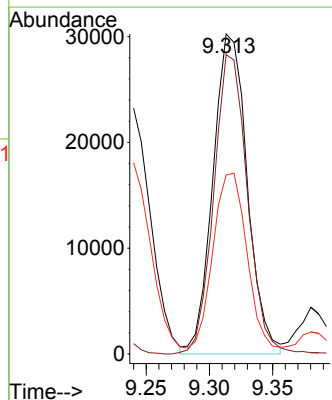
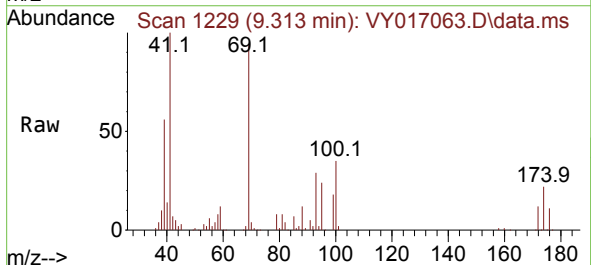
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

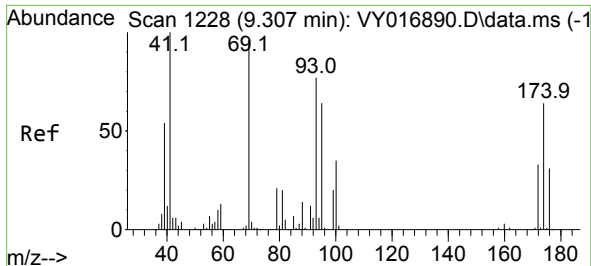
Tgt Ion: 83 Resp: 112769
Ion Ratio Lower Upper
83 100
85 63.5 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 55.579 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 41 Resp: 57122
Ion Ratio Lower Upper
41 100
69 92.1 72.1 108.1
39 53.5 42.8 64.2





#49

1,4-Dioxane

Concen: 1106.529 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

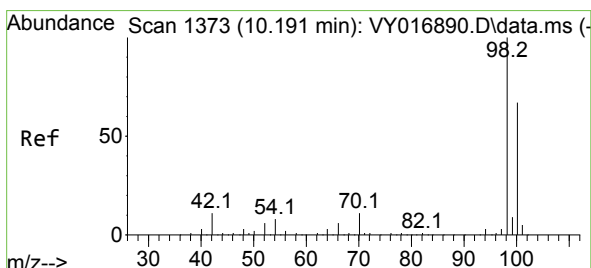
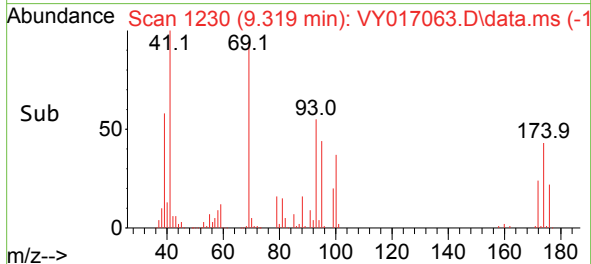
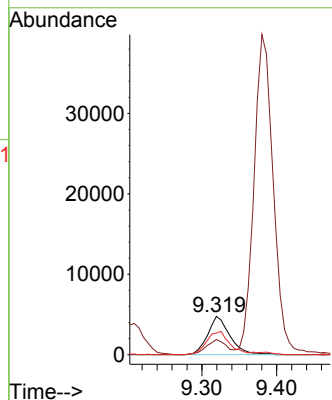
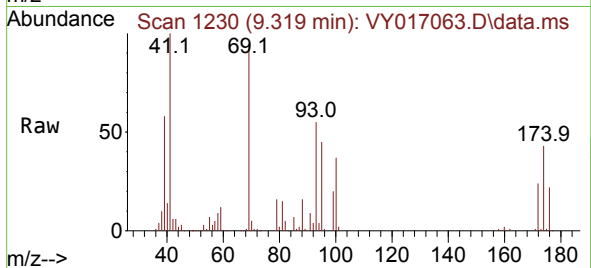
Tgt Ion: 88 Resp: 9882

Ion Ratio Lower Upper

88 100

43 36.4 28.2 42.4

58 62.3 52.2 78.2



#50

Toluene-d8

Concen: 44.194 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017063.D

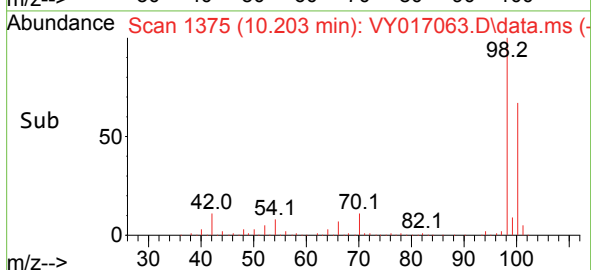
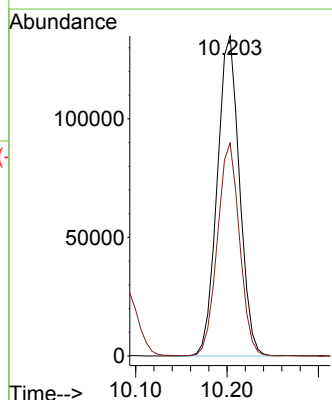
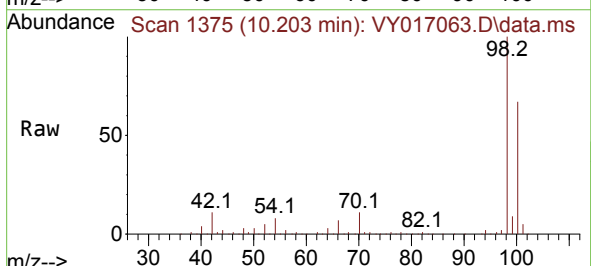
Acq: 19 Jan 2024 18:26

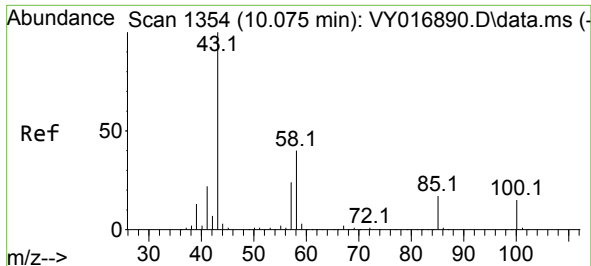
Tgt Ion: 98 Resp: 228513

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 265.741 ug/l

RT: 10.094 min Scan# 1357

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

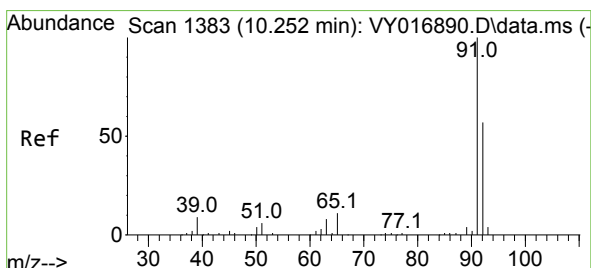
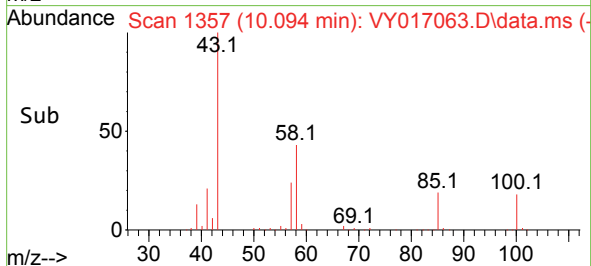
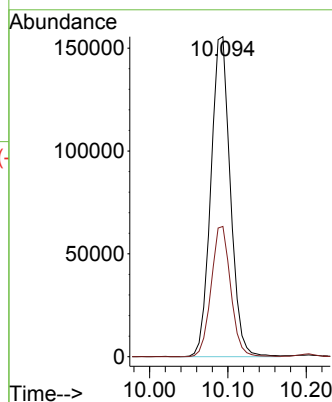
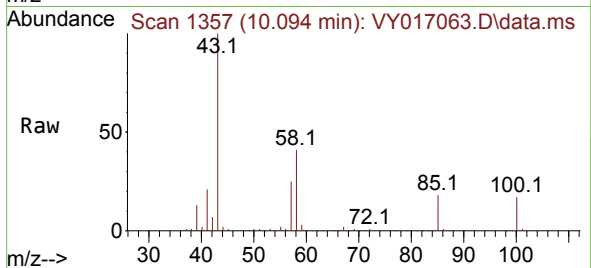
VSTDCCC050EC

Tgt Ion: 43 Resp: 269140

Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.2



#52

Toluene

Concen: 52.569 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY017063.D

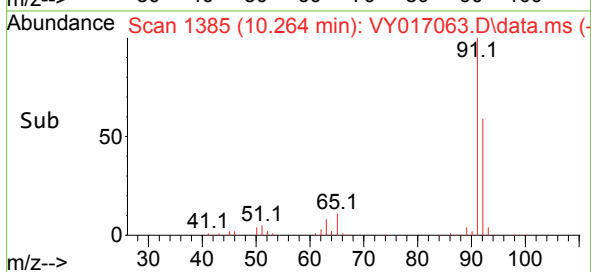
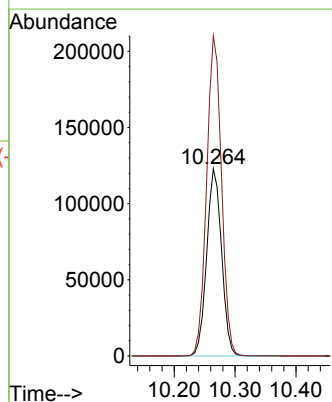
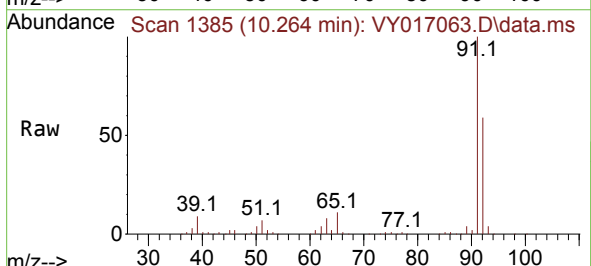
Acq: 19 Jan 2024 18:26

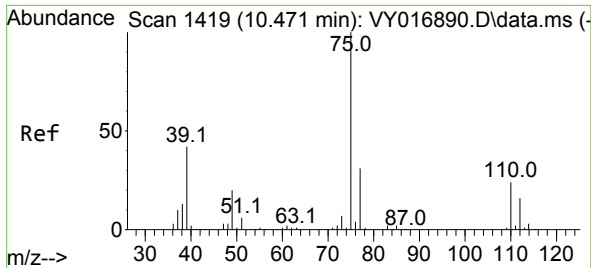
Tgt Ion: 92 Resp: 208264

Ion Ratio Lower Upper

92 100

91 170.8 137.6 206.4

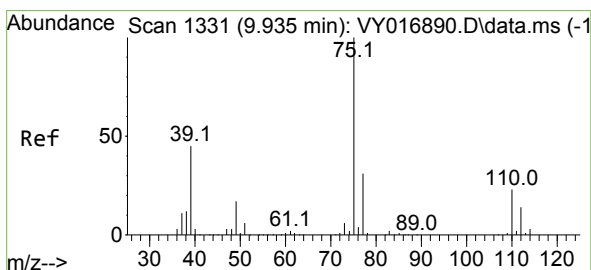
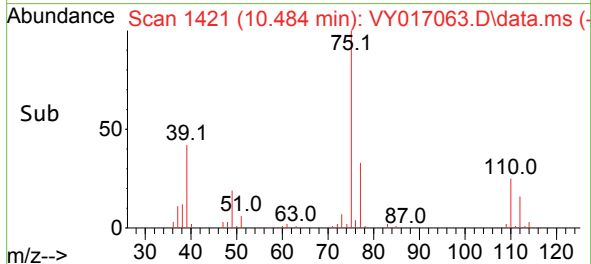
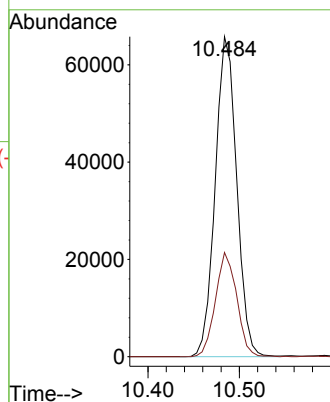
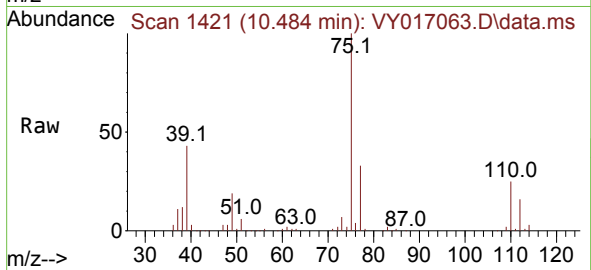




#53
 t-1,3-Dichloropropene
 Concen: 51.776 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY017063.D
 Acq: 19 Jan 2024 18:26

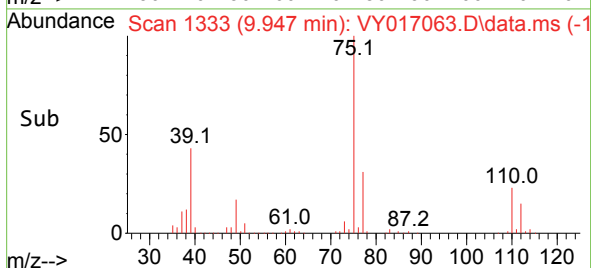
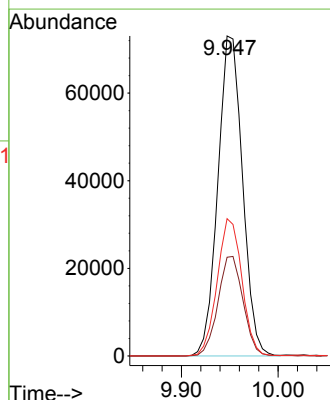
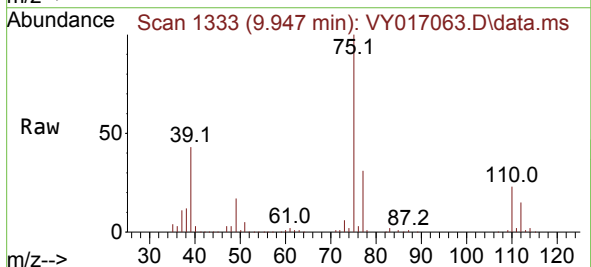
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

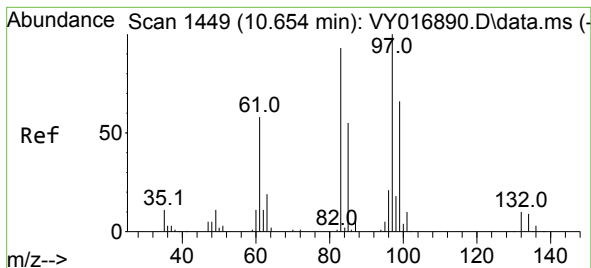
Tgt Ion: 75 Resp: 107414
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.918 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017063.D
 Acq: 19 Jan 2024 18:26

Tgt Ion: 75 Resp: 129350
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8
 39 42.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 49.433 ug/l

RT: 10.667 min Scan# 1449

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 62288

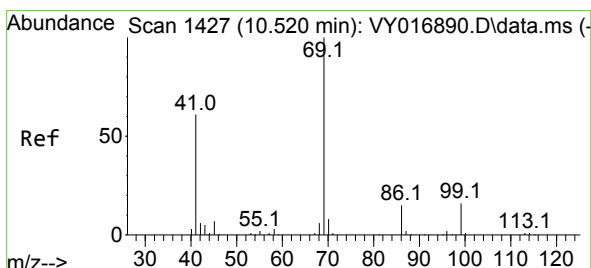
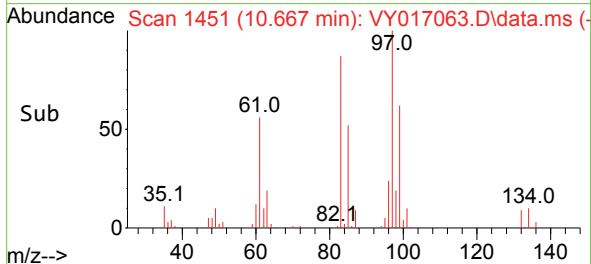
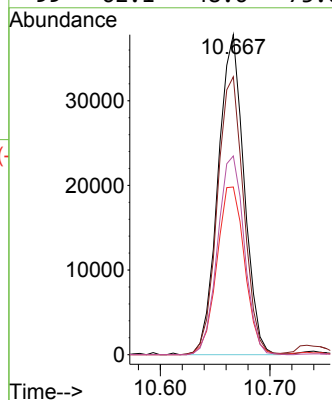
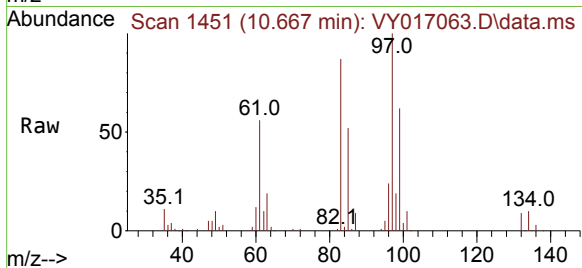
Ion Ratio Lower Upper

97 100

83 86.8 69.4 104.2

85 52.4 43.9 65.9

99 62.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 56.422 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

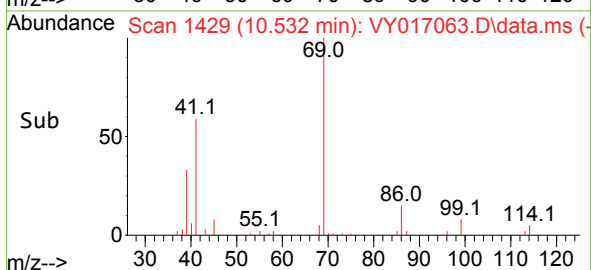
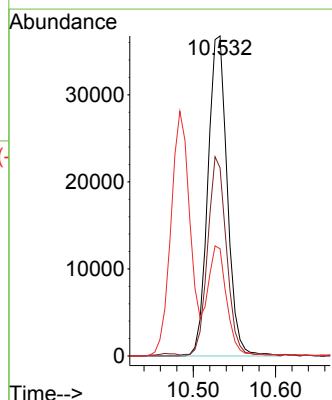
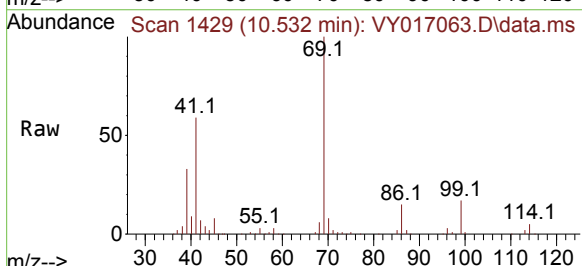
Tgt Ion: 69 Resp: 60218

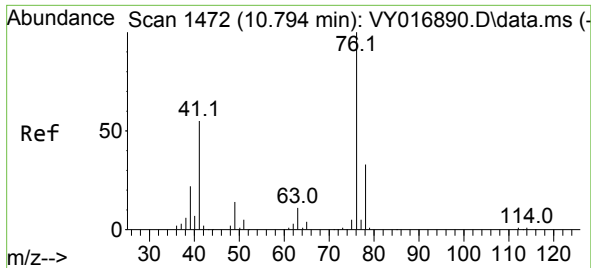
Ion Ratio Lower Upper

69 100

41 61.2 49.2 73.8

39 32.9 26.8 40.2

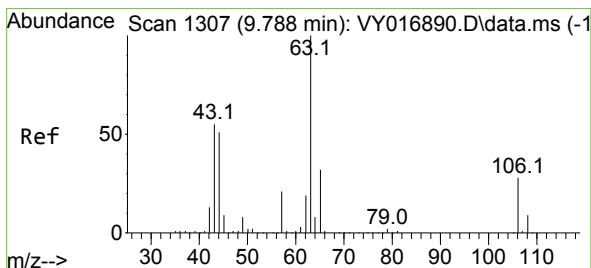
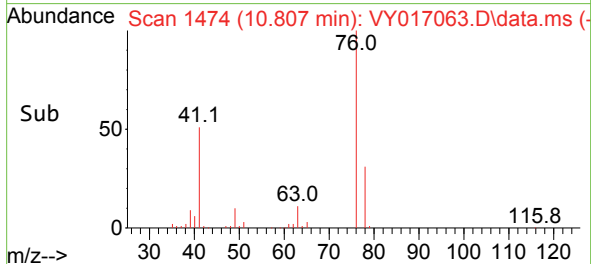
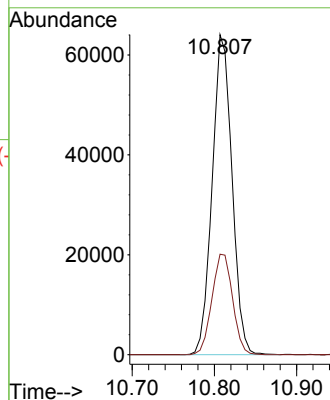
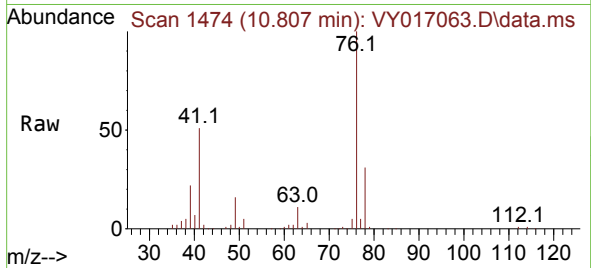




#57
1,3-Dichloropropane
Concen: 51.000 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

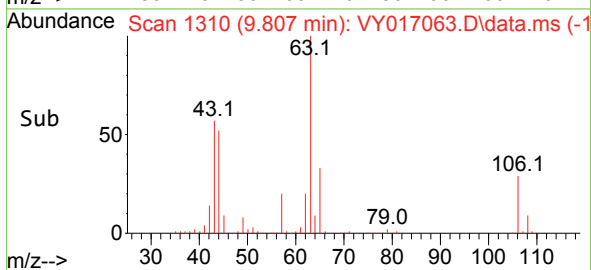
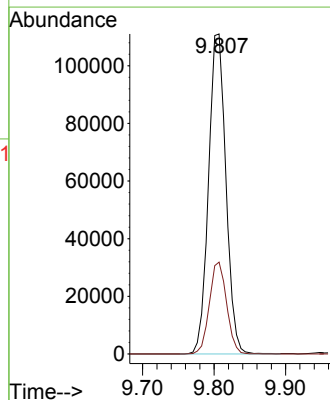
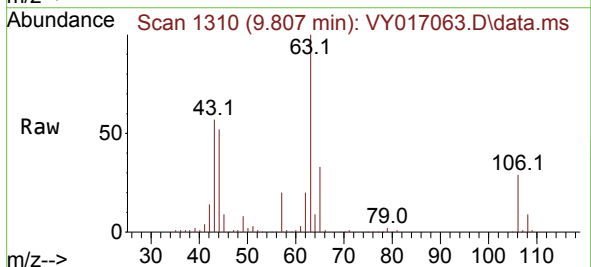
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

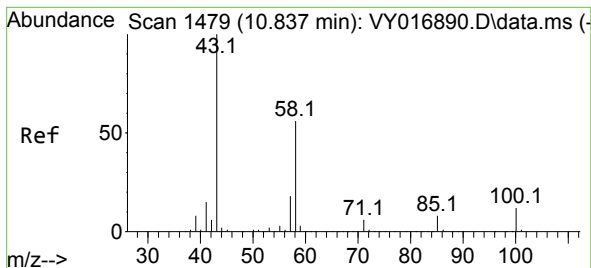
Tgt Ion: 76 Resp: 107293
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 277.243 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 63 Resp: 187567
Ion Ratio Lower Upper
63 100
106 28.4 22.4 33.6





#59

2-Hexanone

Concen: 256.953 ug/l

RT: 10.850 min Scan# 1479

Delta R.T. 0.007 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

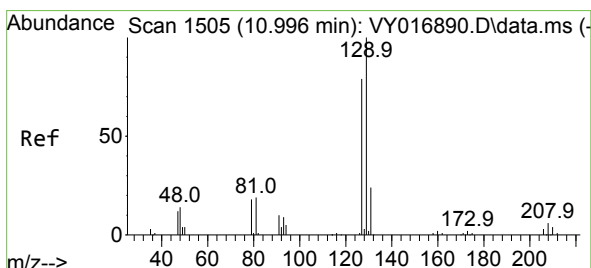
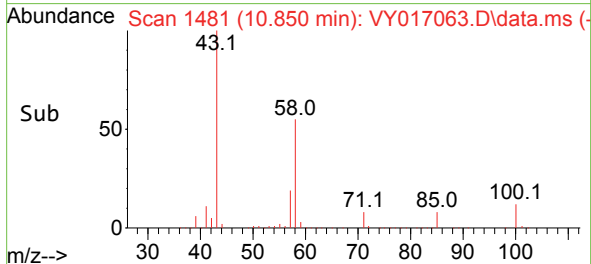
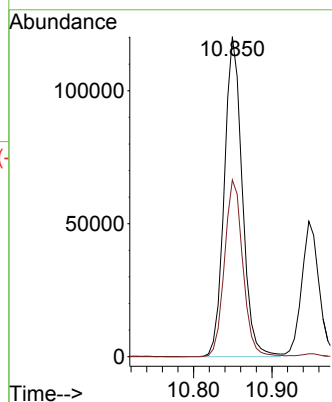
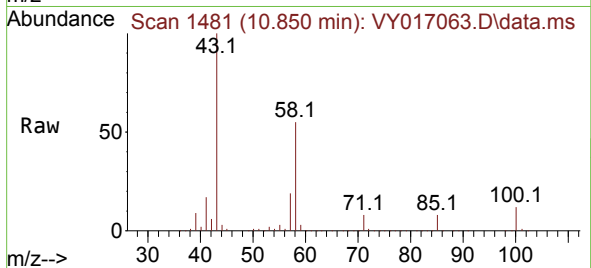
VSTDCCC050EC

Tgt Ion: 43 Resp: 191622

Ion Ratio Lower Upper

43 100

58 56.4 28.1 84.3



#60

Dibromochloromethane

Concen: 51.037 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY017063.D

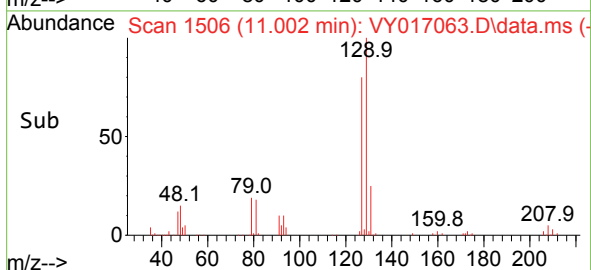
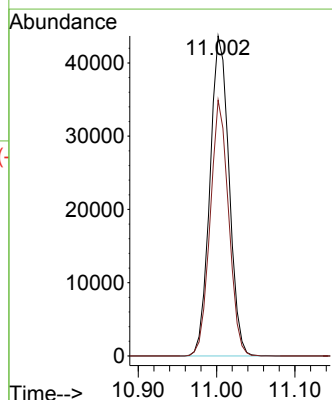
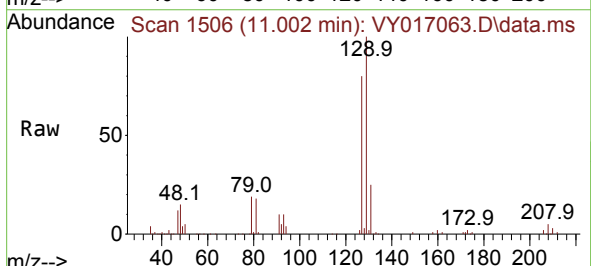
Acq: 19 Jan 2024 18:26

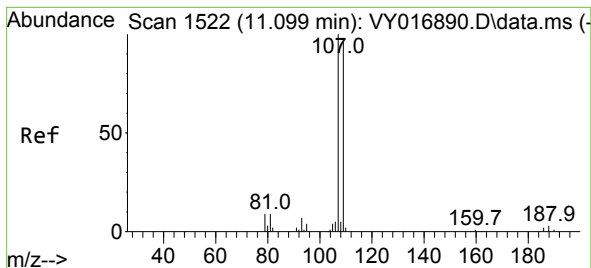
Tgt Ion: 129 Resp: 74163

Ion Ratio Lower Upper

129 100

127 76.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.095 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

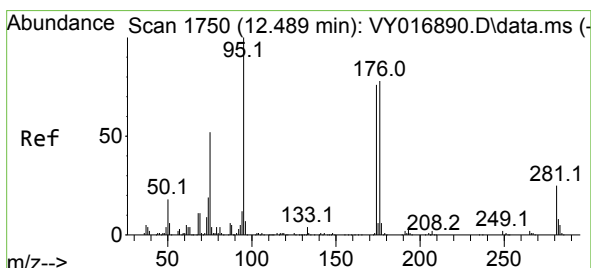
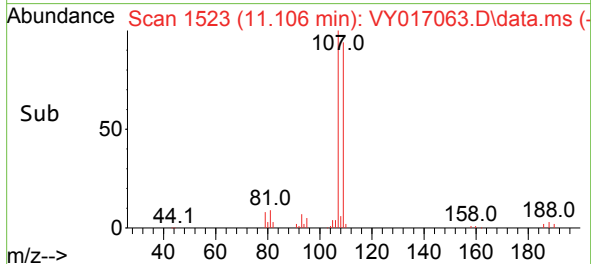
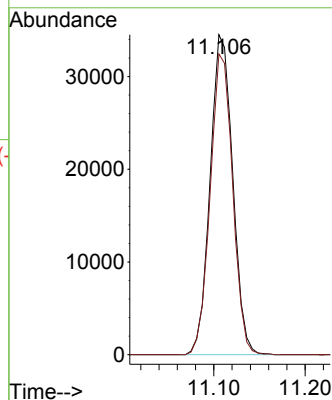
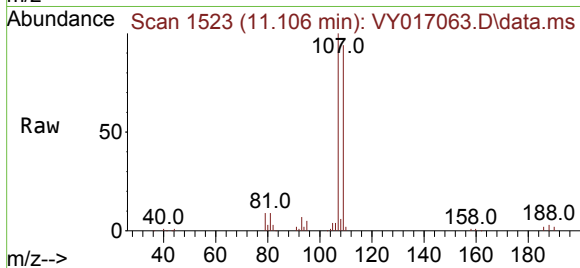
VSTDCCC050EC

Tgt Ion:107 Resp: 59223

Ion Ratio Lower Upper

107 100

109 93.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 47.468 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

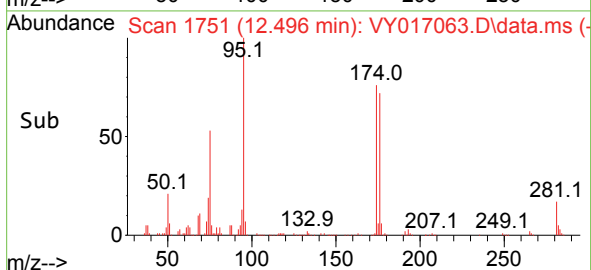
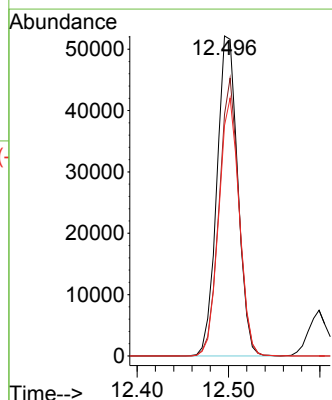
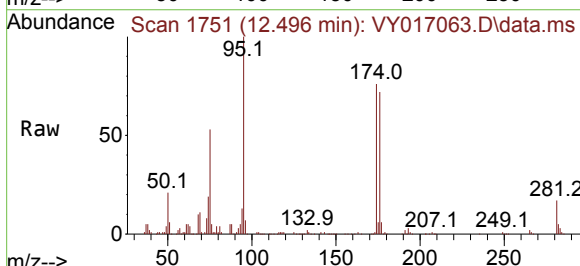
Tgt Ion: 95 Resp: 82810

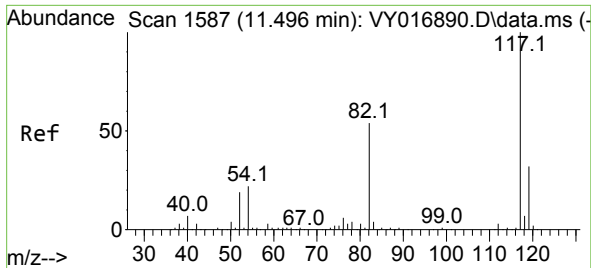
Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.0

176 79.2 0.0 151.8

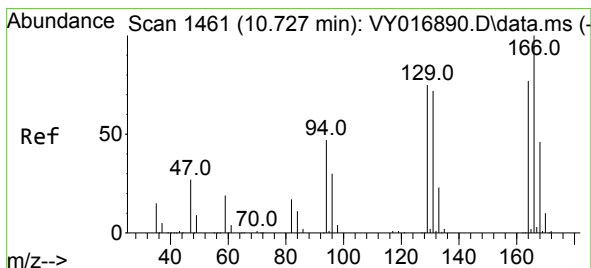
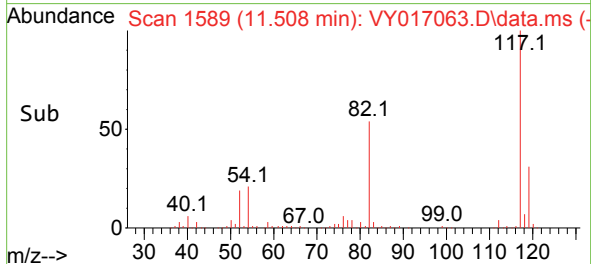
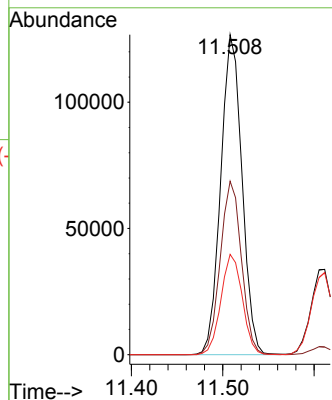
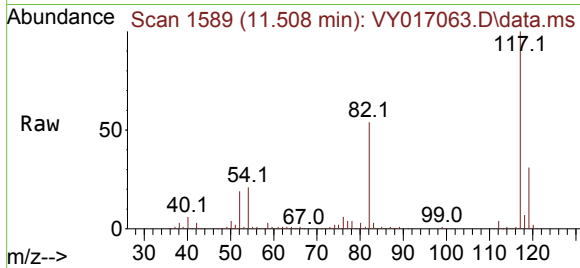




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

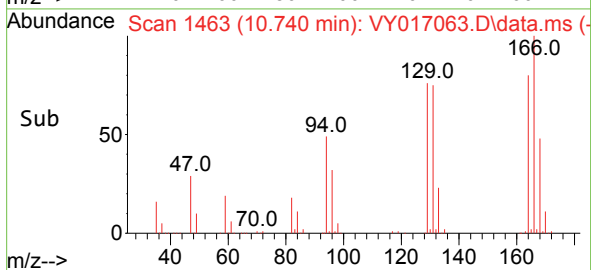
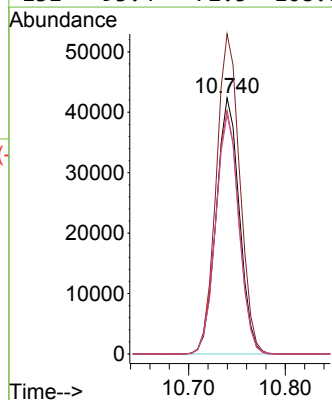
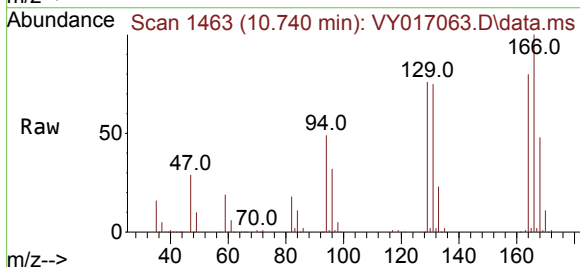
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

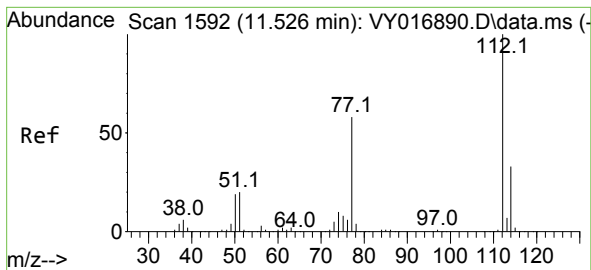
Tgt Ion:117 Resp: 205091
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.4 26.5 39.7



#64
Tetrachloroethene
Concen: 52.898 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion:164 Resp: 70335
Ion Ratio Lower Upper
164 100
166 125.0 98.8 148.2
129 95.0 78.9 118.3
131 93.4 72.5 108.7

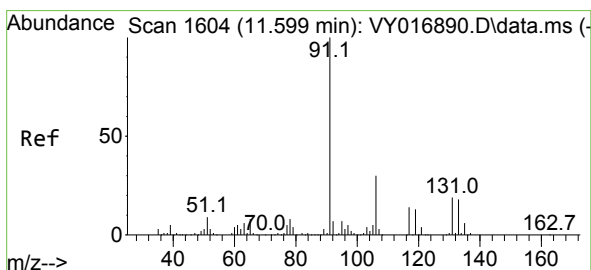
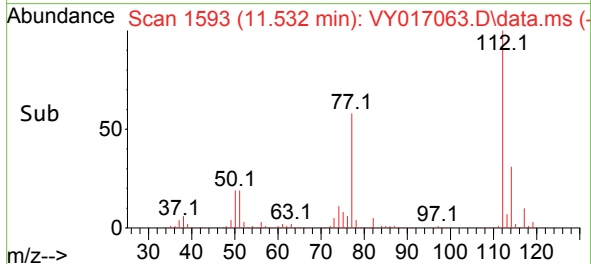
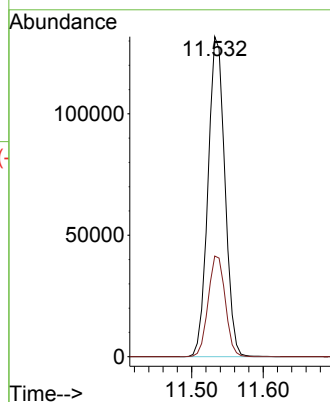
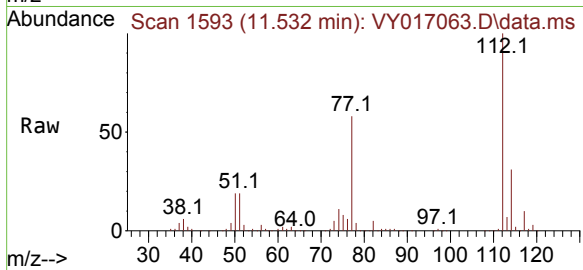




#65
Chlorobenzene
Concen: 50.560 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

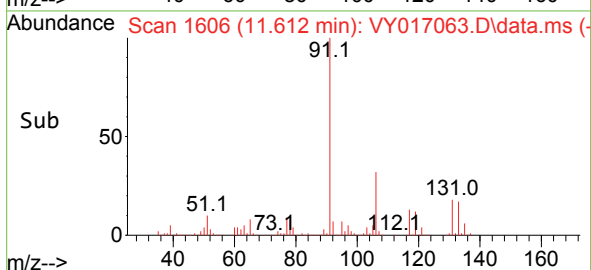
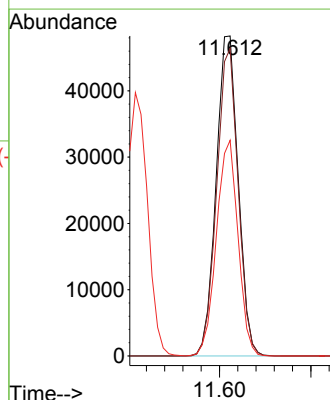
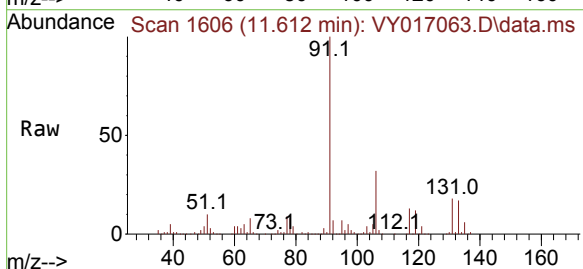
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

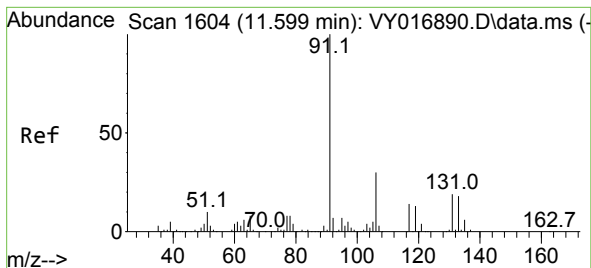
Tgt Ion:112 Resp: 216013
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.879 ug/l
RT: 11.612 min Scan# 1606
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion:131 Resp: 81009
Ion Ratio Lower Upper
131 100
133 93.4 47.0 141.0
119 66.2 33.3 99.9





#67

Ethyl Benzene

Concen: 51.583 ug/l

RT: 11.612 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

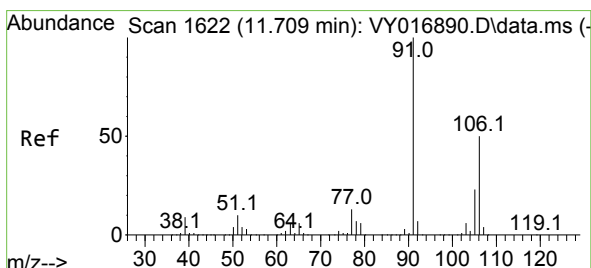
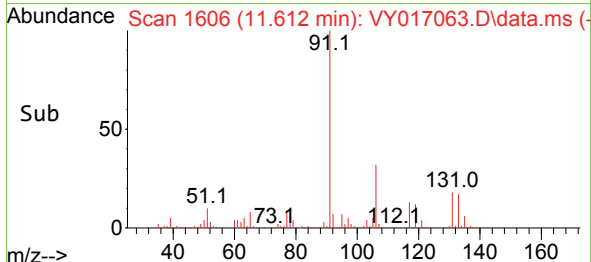
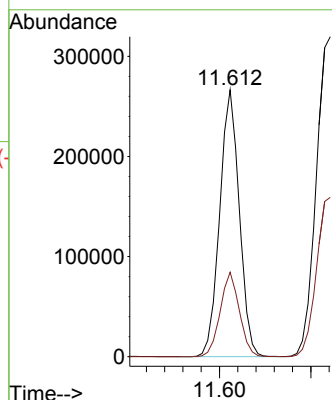
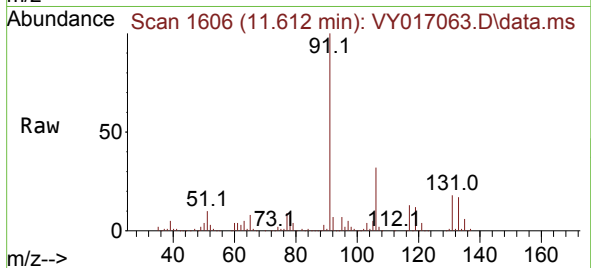
VSTDCCC050EC

Tgt Ion: 91 Resp: 396767

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 105.456 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017063.D

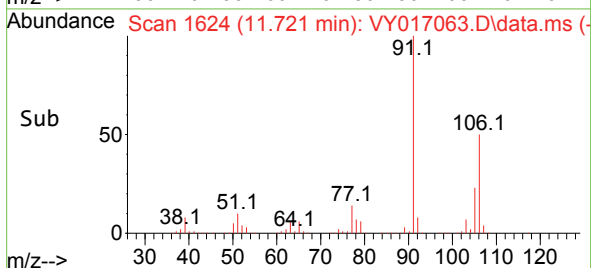
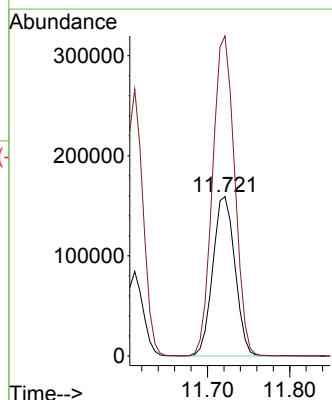
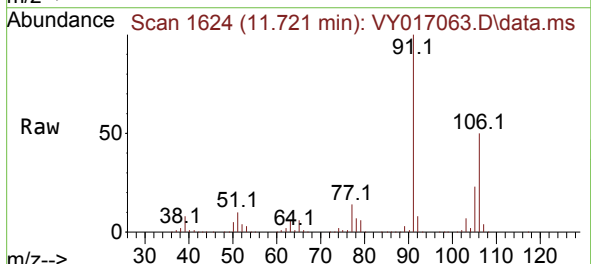
Acq: 19 Jan 2024 18:26

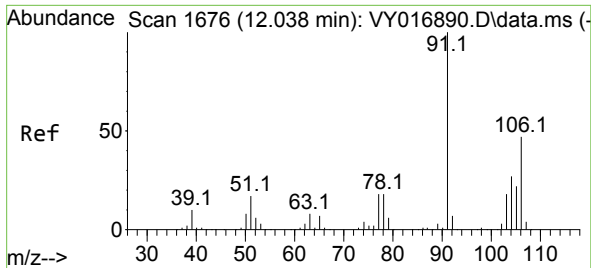
Tgt Ion:106 Resp: 297741

Ion Ratio Lower Upper

106 100

91 200.5 160.7 241.1

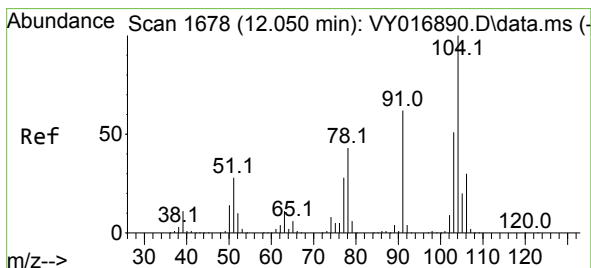
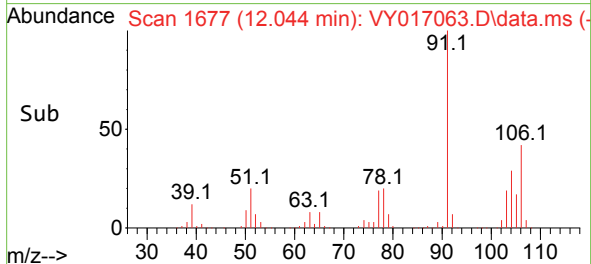
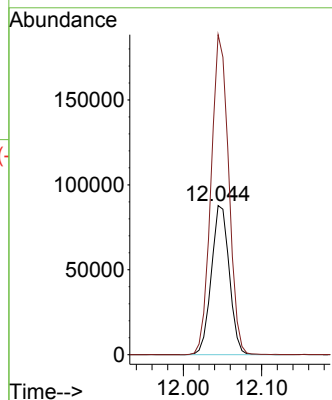
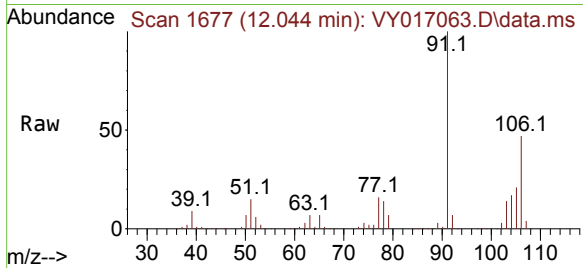




#69
o-Xylene
Concen: 52.617 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

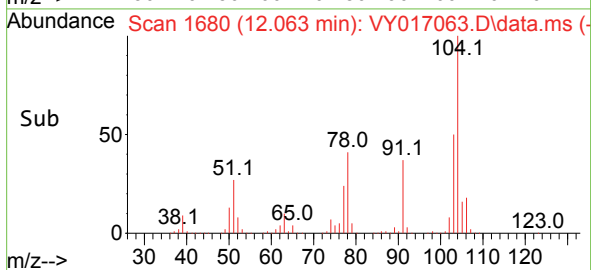
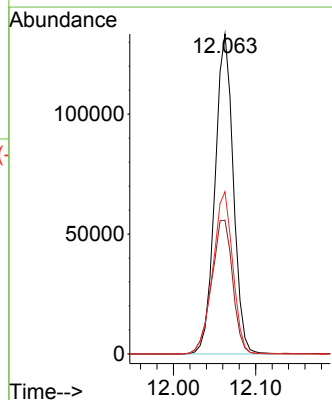
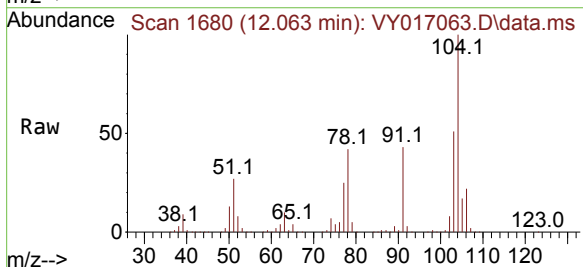
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

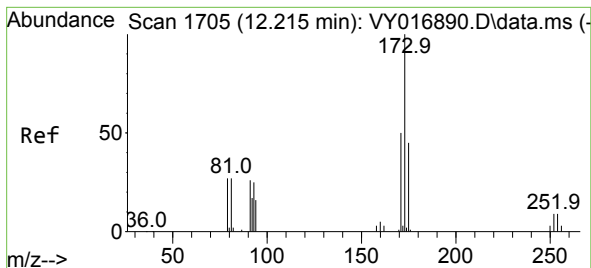
Tgt Ion:106 Resp: 139269
Ion Ratio Lower Upper
106 100
91 211.7 106.5 319.5



#70
Styrene
Concen: 53.562 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion:104 Resp: 206334
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 52.139 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

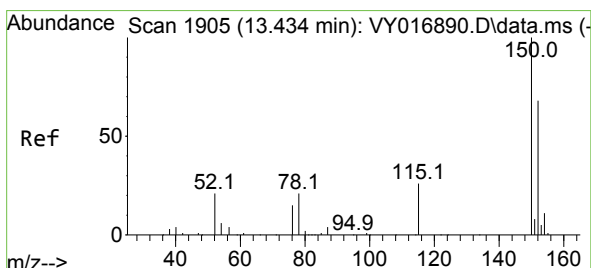
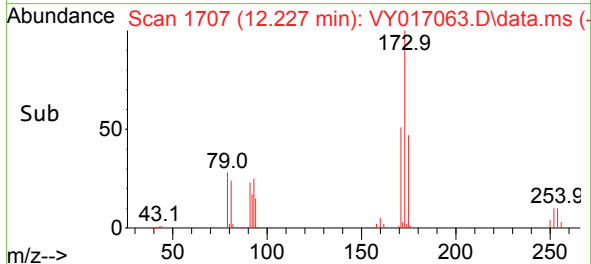
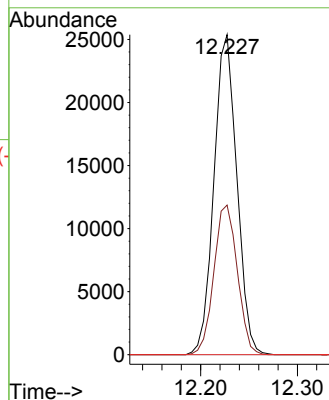
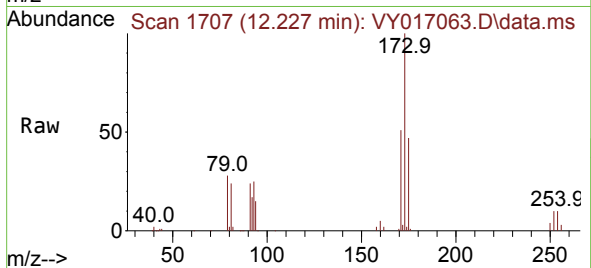
Tgt Ion:173 Resp: 41687

Ion Ratio Lower Upper

173 100

175 47.9 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

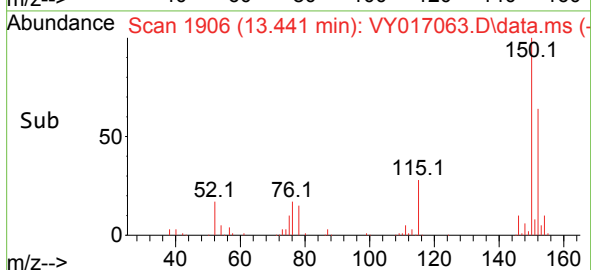
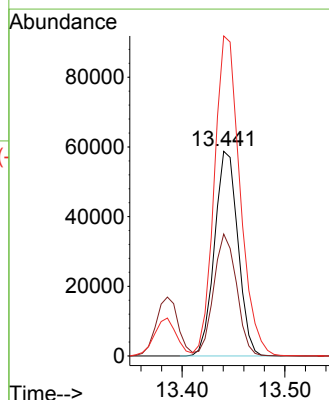
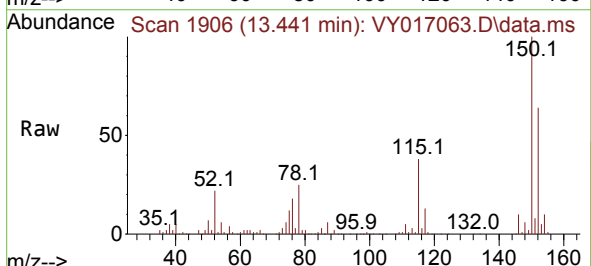
Tgt Ion:152 Resp: 92798

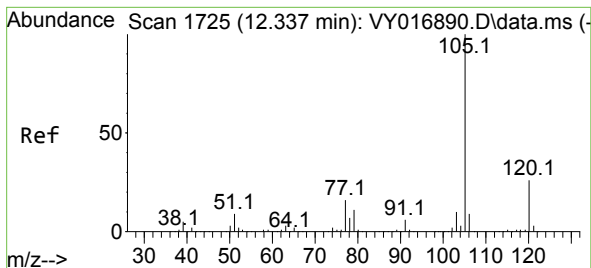
Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 171.9 0.0 344.6





#73

Isopropylbenzene

Concen: 49.439 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

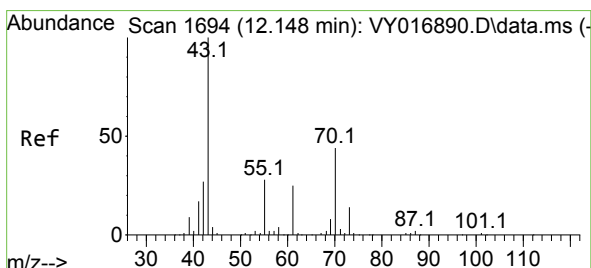
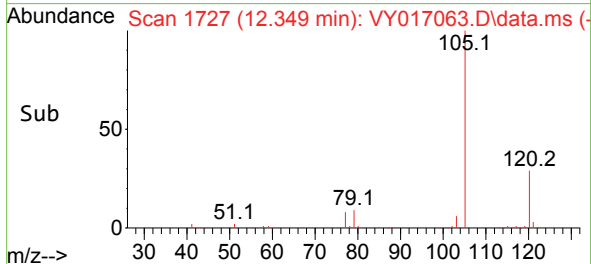
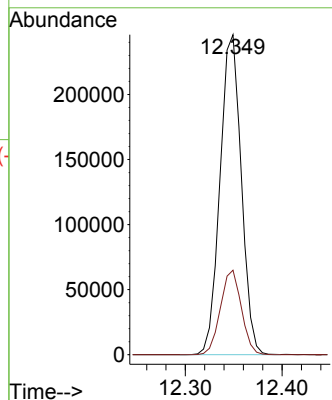
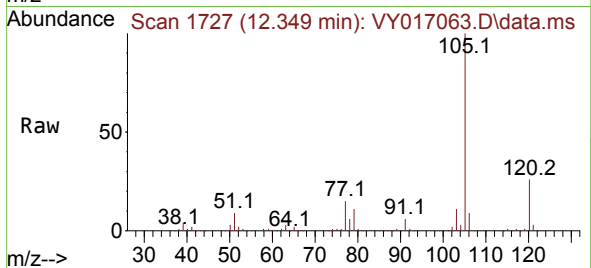
VSTDCCC050EC

Tgt Ion:105 Resp: 374647

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 50.705 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Tgt Ion: 43 Resp: 77199

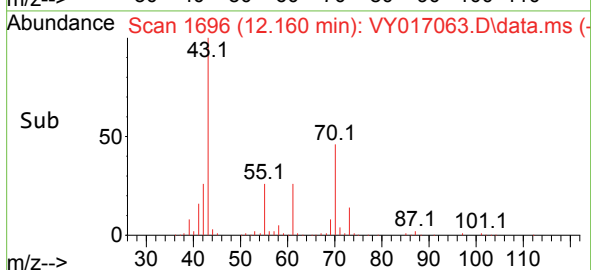
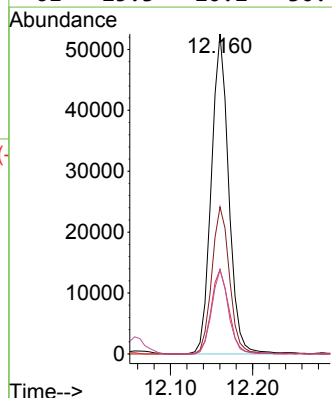
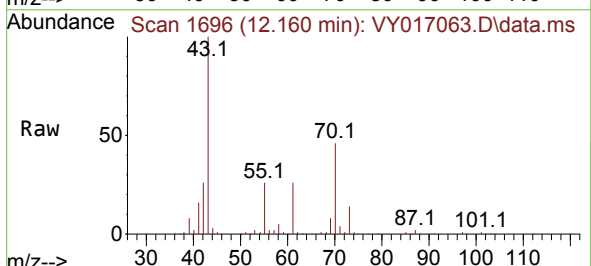
Ion Ratio Lower Upper

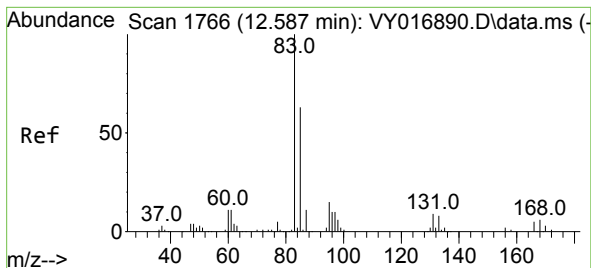
43 100

70 47.0 36.6 55.0

55 27.0 22.2 33.4

61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.136 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

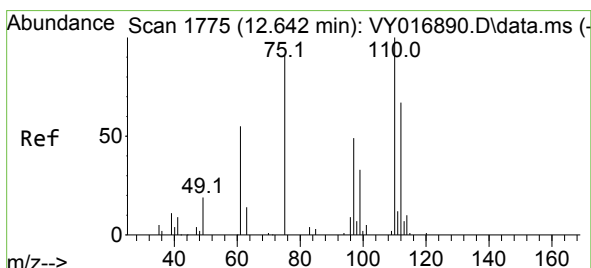
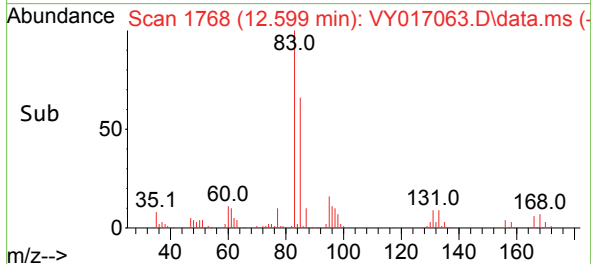
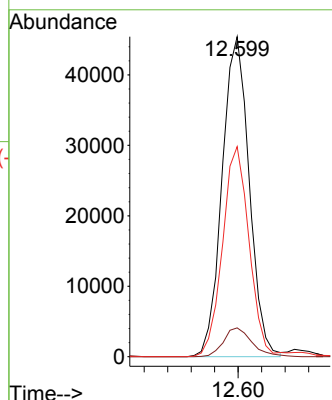
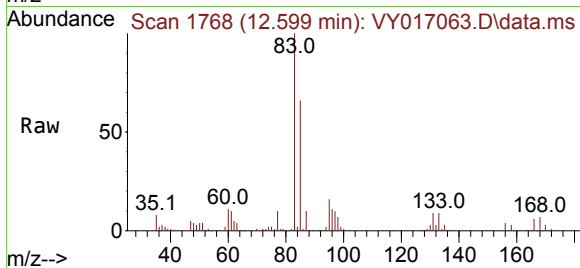
Tgt Ion: 83 Resp: 72779

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 87.451 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017063.D

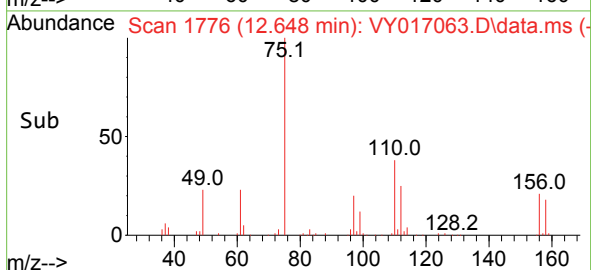
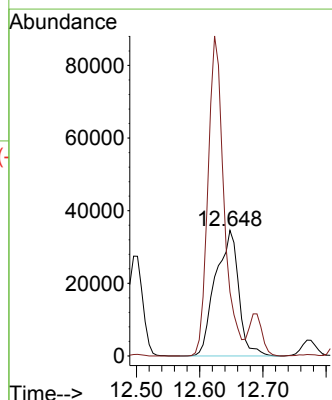
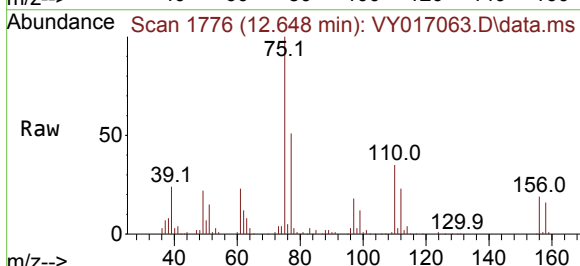
Acq: 19 Jan 2024 18:26

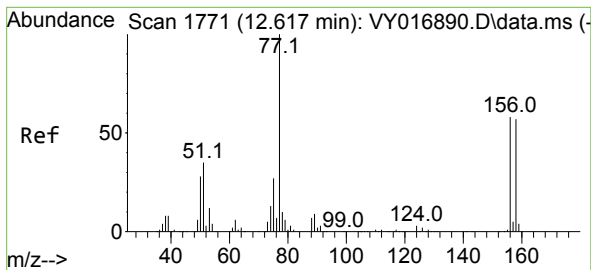
Tgt Ion: 75 Resp: 88065

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.318 ug/l

RT: 12.624 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

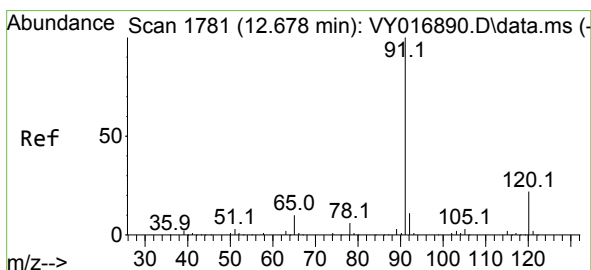
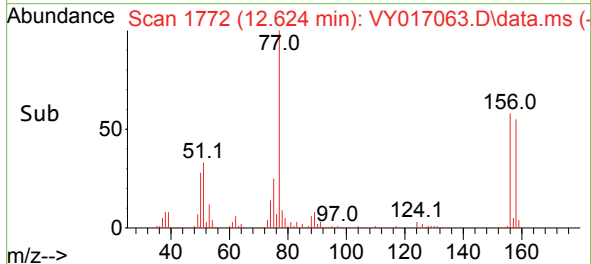
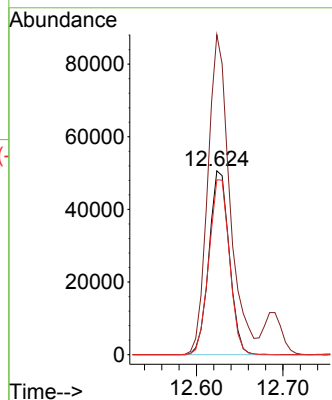
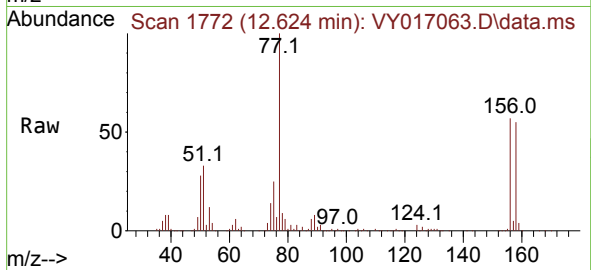
Tgt Ion:156 Resp: 82284

Ion Ratio Lower Upper

156 100

77 188.5 97.3 291.8

158 96.3 48.4 145.0



#78

n-propylbenzene

Concen: 49.210 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.013 min

Lab File: VY017063.D

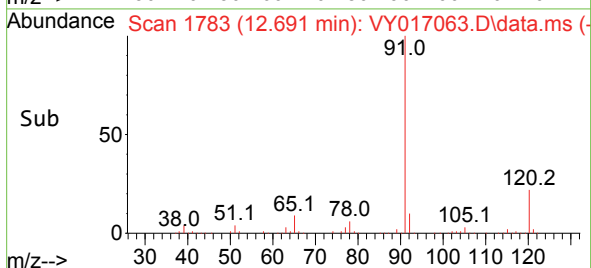
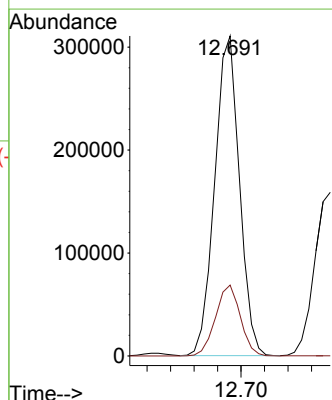
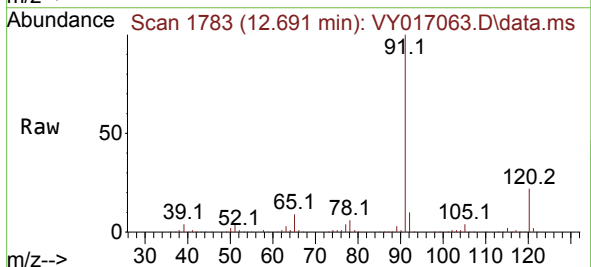
Acq: 19 Jan 2024 18:26

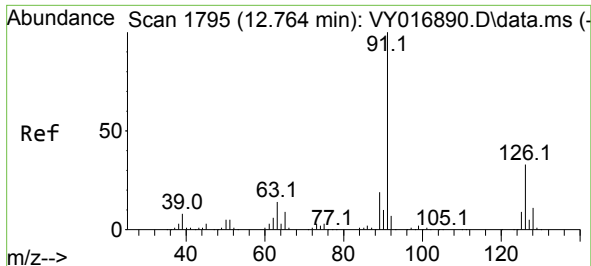
Tgt Ion: 91 Resp: 453353

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

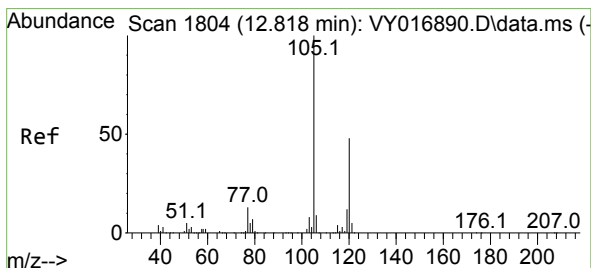
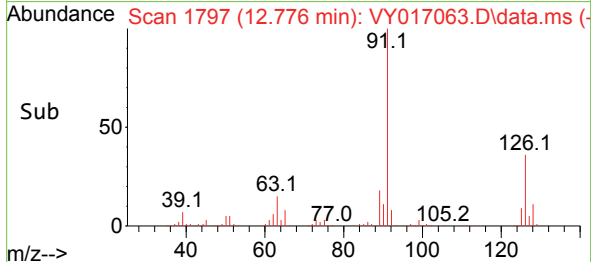
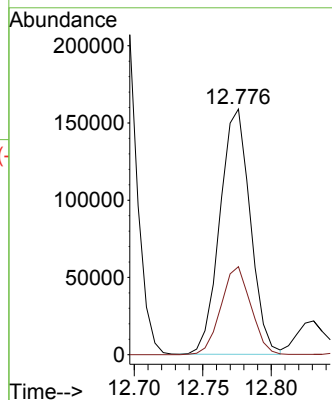
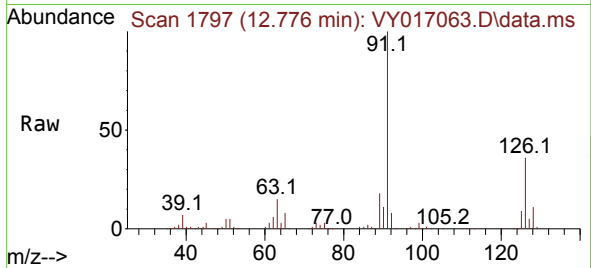




#79
2-Chlorotoluene
Concen: 48.114 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

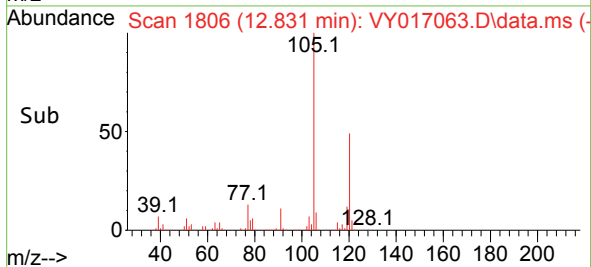
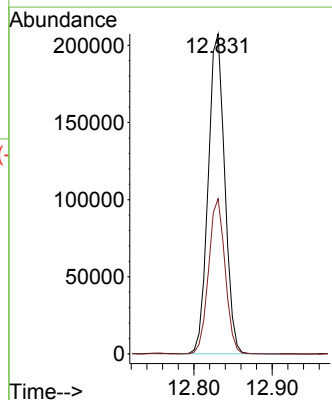
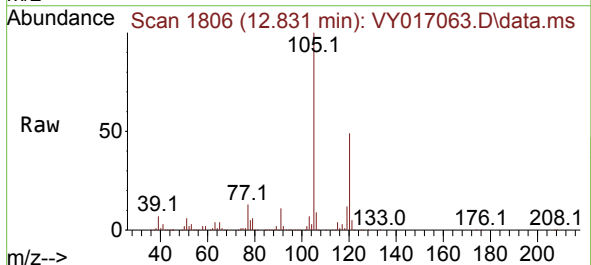
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

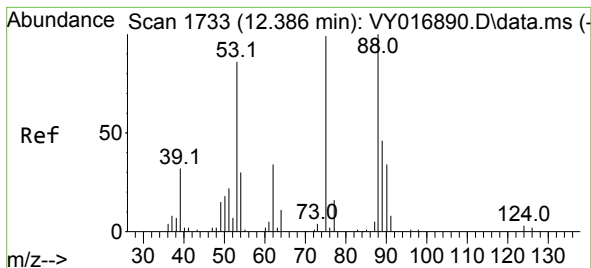
Tgt Ion: 91 Resp: 245796
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.630 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 105 Resp: 303440
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

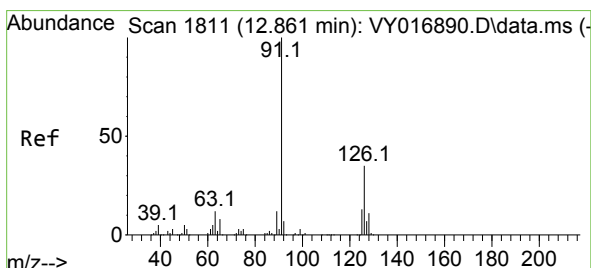
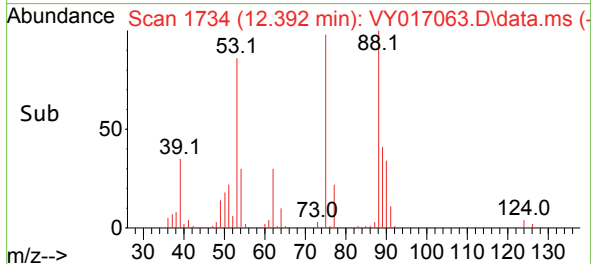
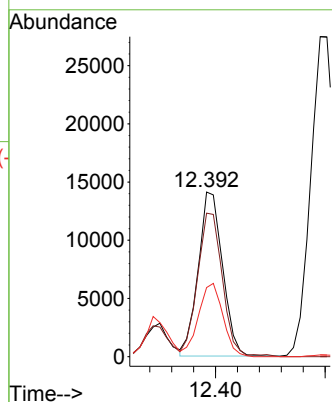
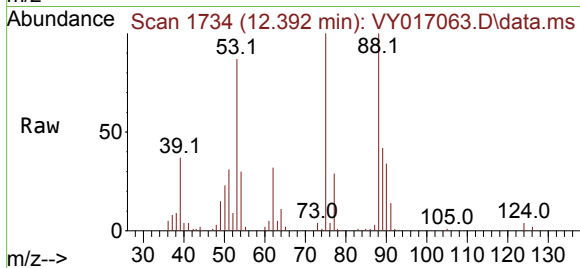




#81
trans-1,4-Dichloro-2-butene
Concen: 48.931 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

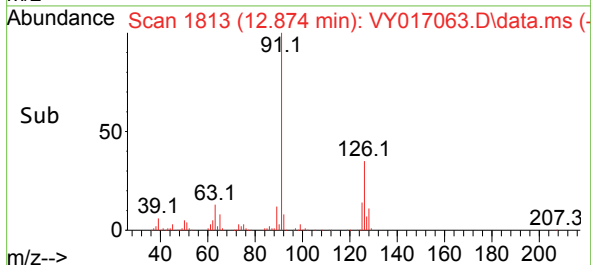
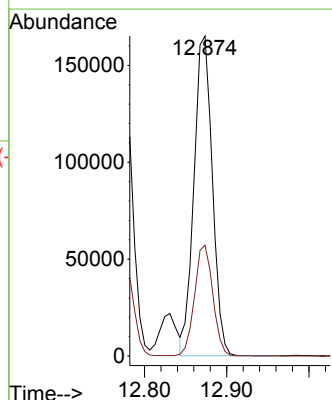
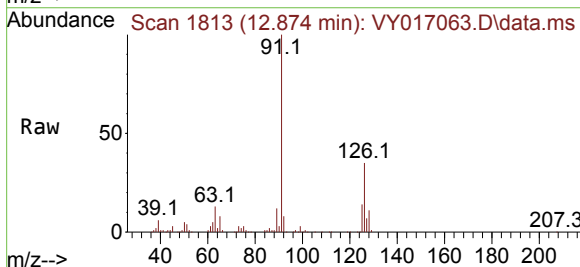
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

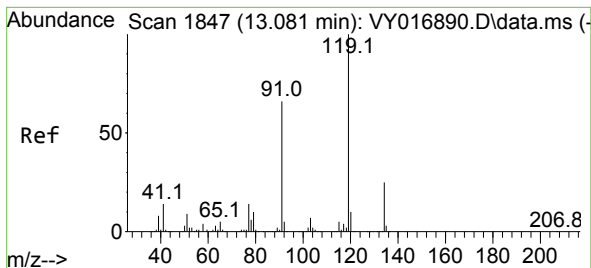
Tgt Ion: 75 Resp: 21700
Ion Ratio Lower Upper
75 100
53 89.9 74.0 111.0
89 45.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.178 ug/l
RT: 12.874 min Scan# 1813
Delta R.T. 0.013 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 91 Resp: 256665
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 49.818 ug/l

RT: 13.093 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

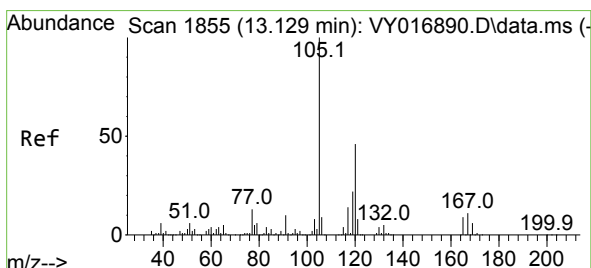
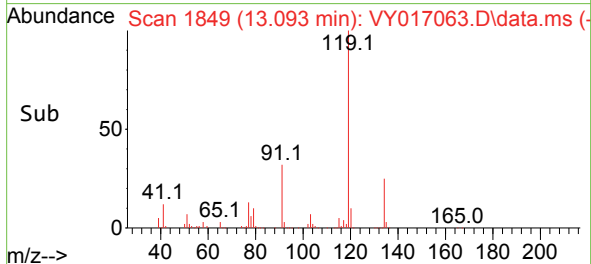
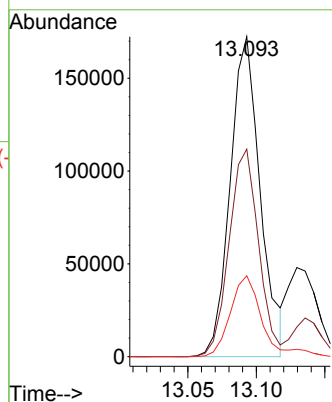
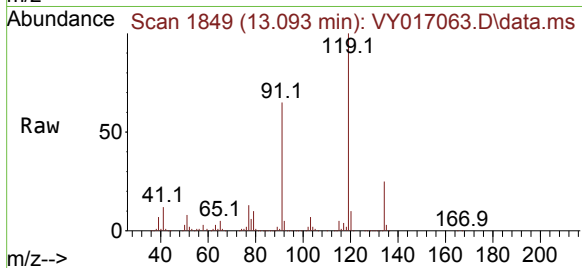
Tgt Ion:119 Resp: 262978

Ion Ratio Lower Upper

119 100

91 63.6 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.073 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY017063.D

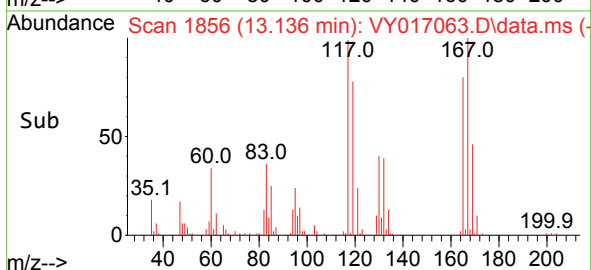
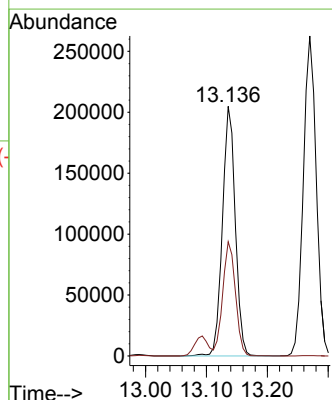
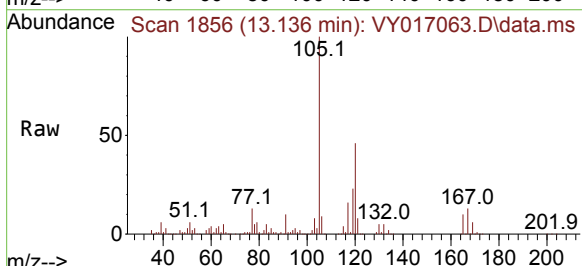
Acq: 19 Jan 2024 18:26

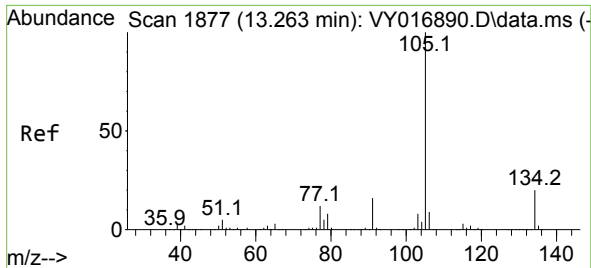
Tgt Ion:105 Resp: 301439

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

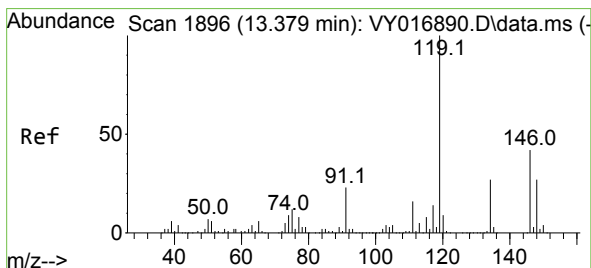
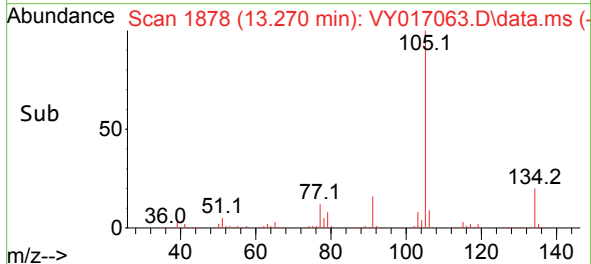
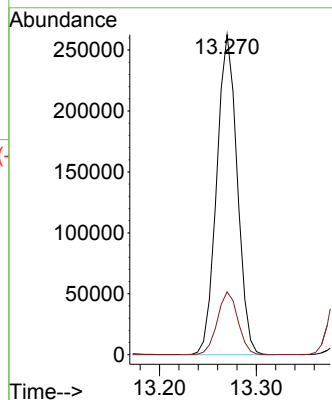
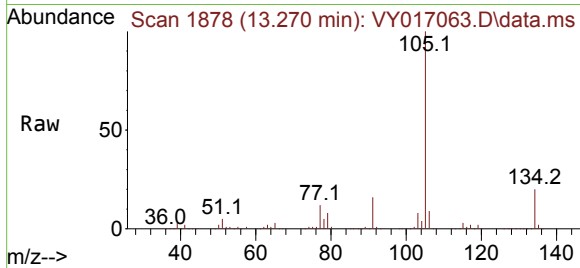




#85
 sec-Butylbenzene
 Concen: 49.384 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017063.D
 Acq: 19 Jan 2024 18:26

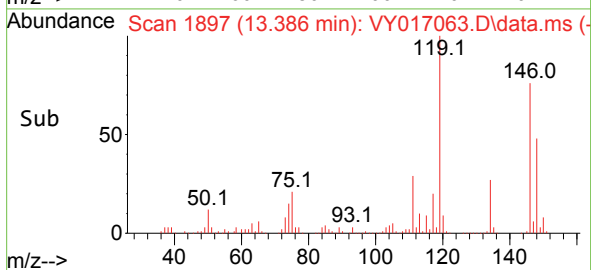
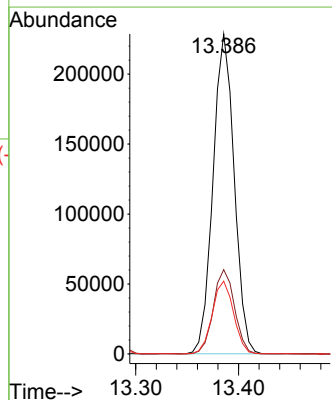
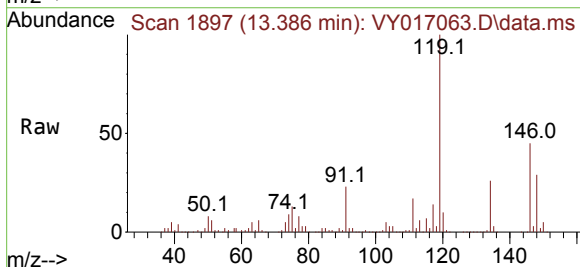
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

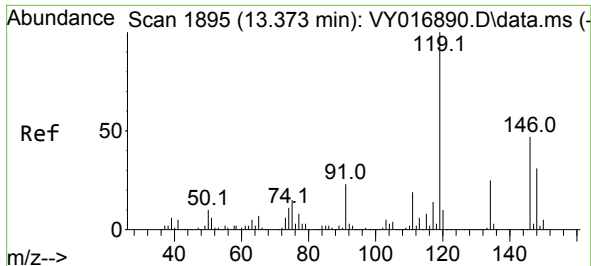
Tgt Ion:105 Resp: 386264
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.652 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.007 min
 Lab File: VY017063.D
 Acq: 19 Jan 2024 18:26

Tgt Ion:119 Resp: 326975
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.263 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

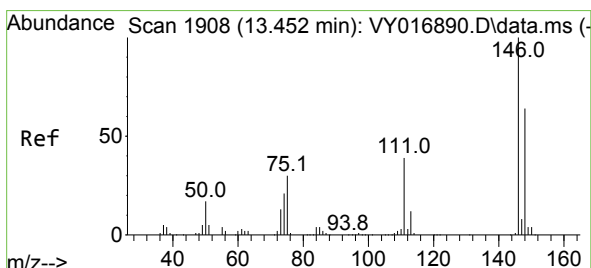
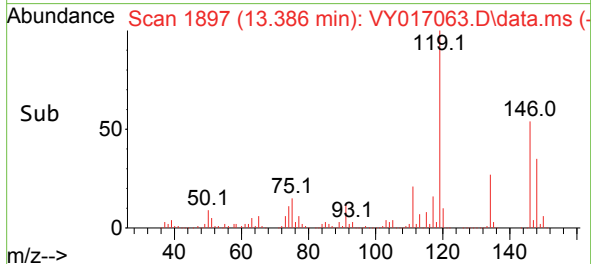
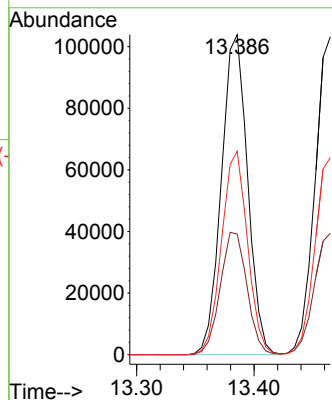
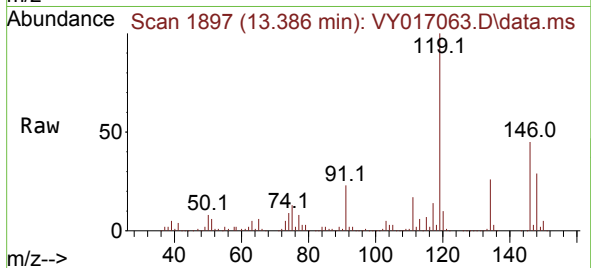
Tgt Ion:146 Resp: 161196

Ion Ratio Lower Upper

146 100

111 39.1 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.921 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

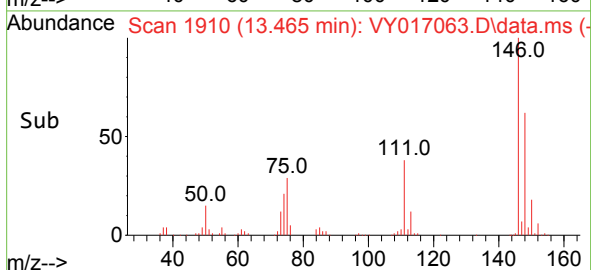
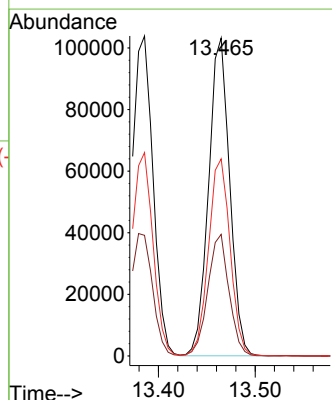
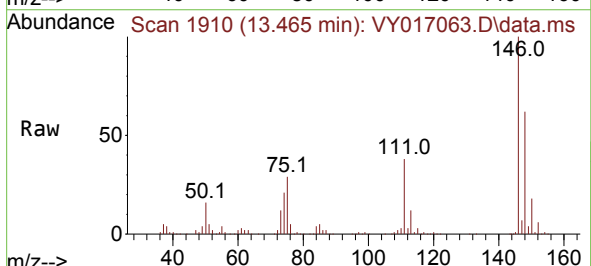
Tgt Ion:146 Resp: 156568

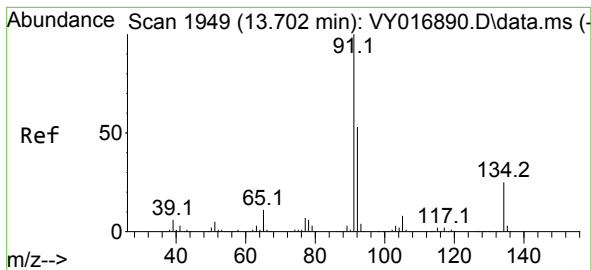
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 50.492 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

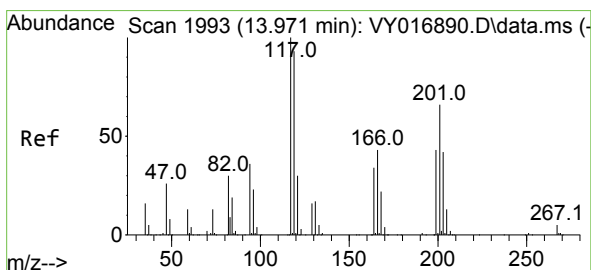
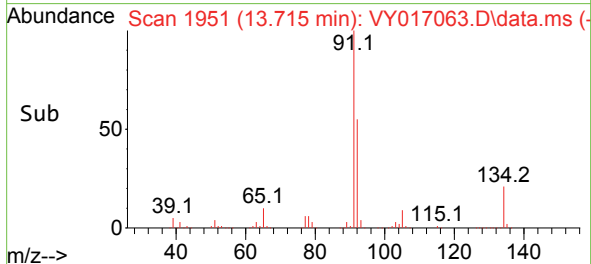
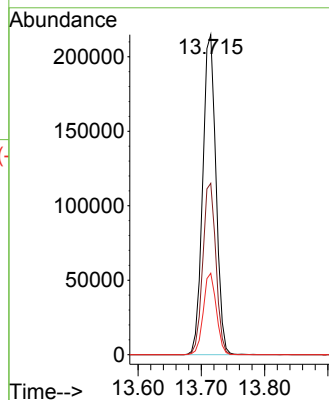
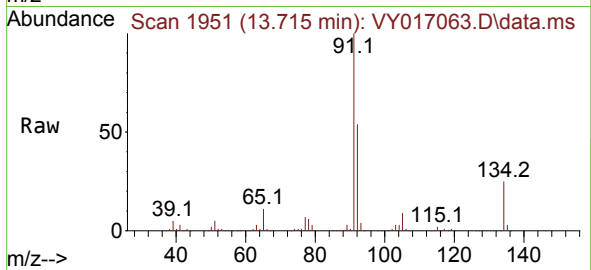
Tgt Ion: 91 Resp: 313380

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 25.0 12.3 36.8



#90

Hexachloroethane

Concen: 47.293 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017063.D

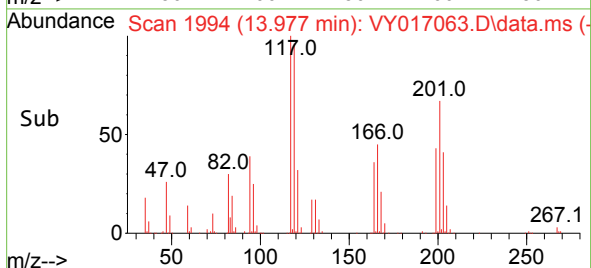
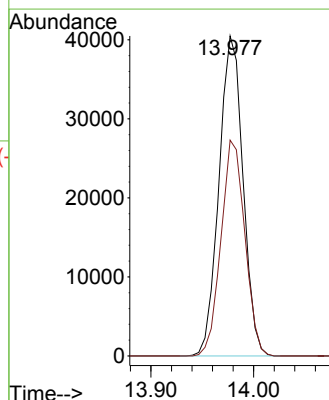
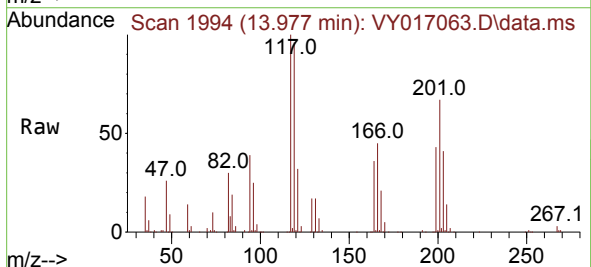
Acq: 19 Jan 2024 18:26

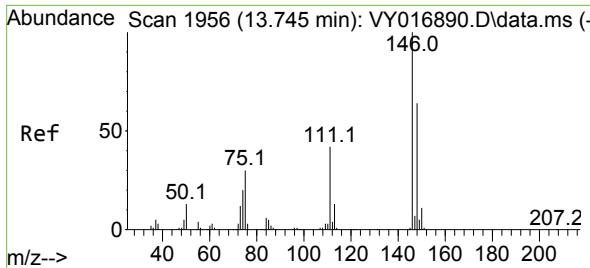
Tgt Ion: 117 Resp: 65601

Ion Ratio Lower Upper

117 100

201 67.2 33.4 100.1

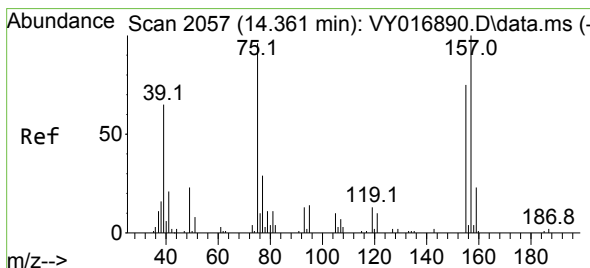
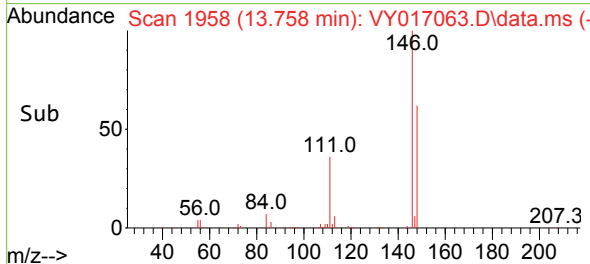
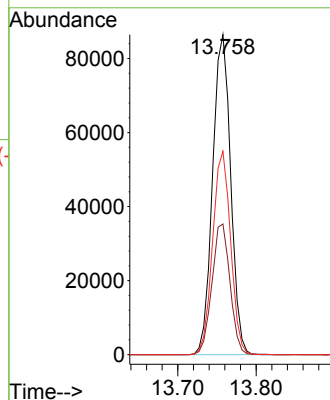
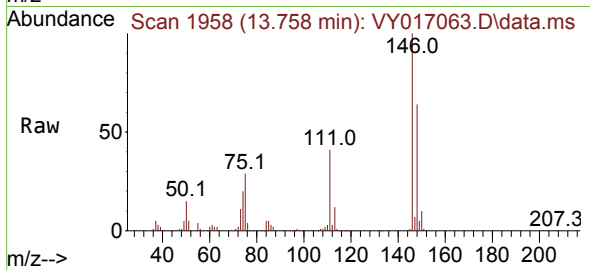




#91
1,2-Dichlorobenzene
Concen: 48.982 ug/l
RT: 13.758 min Scan# 1958
Delta R.T. 0.007 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

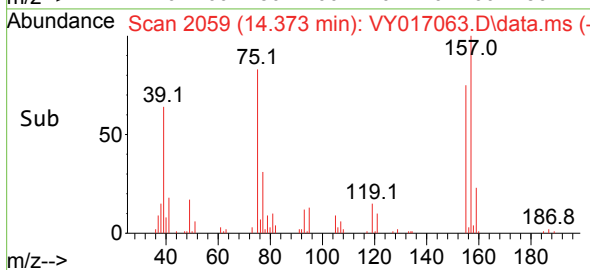
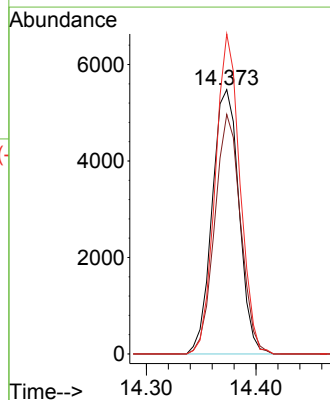
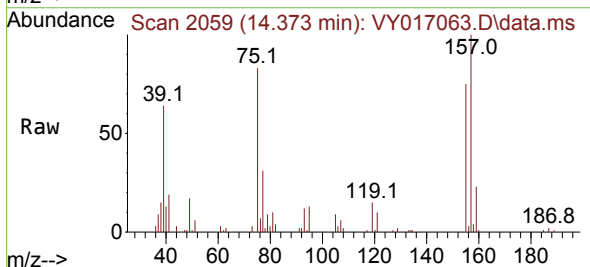
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

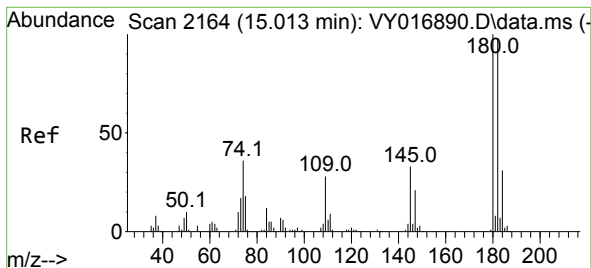
Tgt Ion:146 Resp: 138509
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.130 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY017063.D
Acq: 19 Jan 2024 18:26

Tgt Ion: 75 Resp: 9319
Ion Ratio Lower Upper
75 100
155 87.4 42.1 126.3
157 111.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 53.533 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

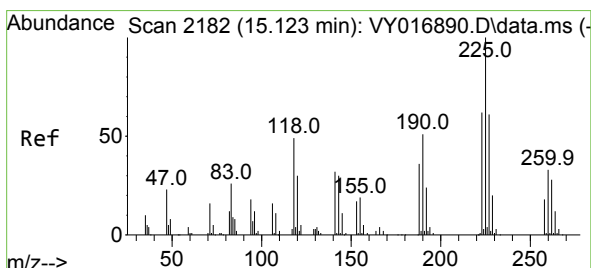
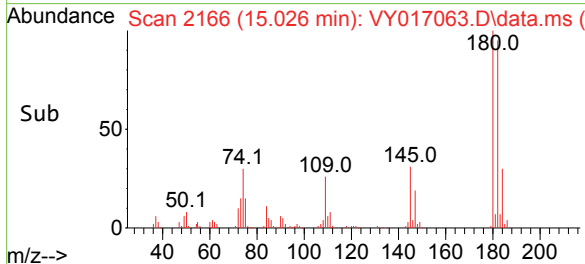
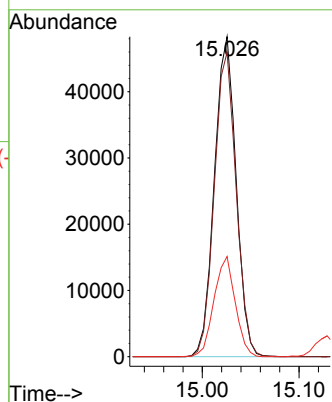
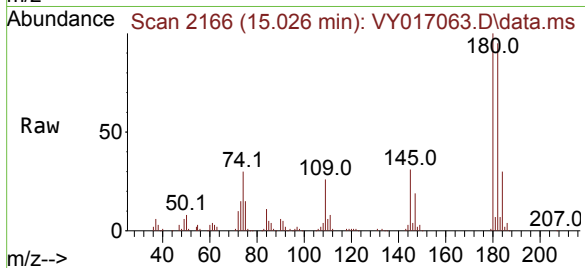
Tgt Ion:180 Resp: 75172

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 30.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.091 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

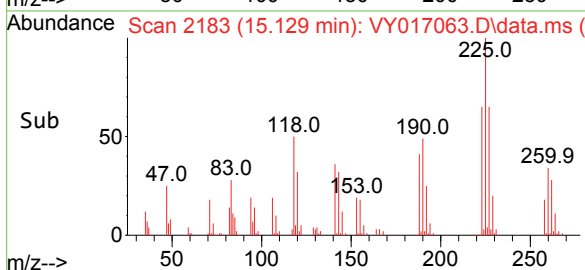
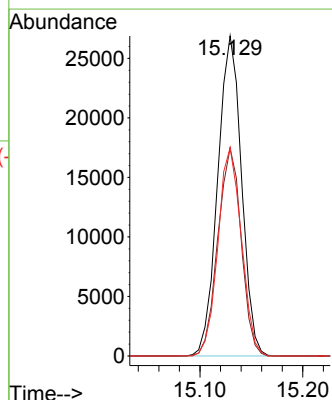
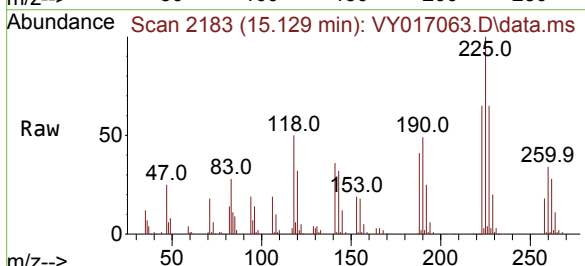
Tgt Ion:225 Resp: 43184

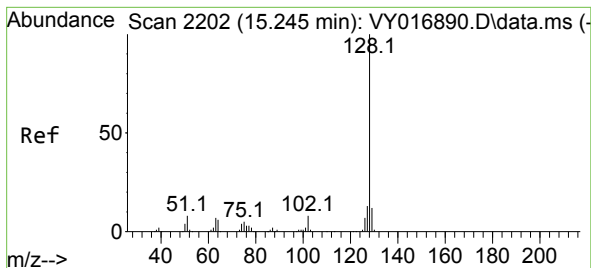
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 63.9 32.3 96.8





#95

Naphthalene

Concen: 56.044 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

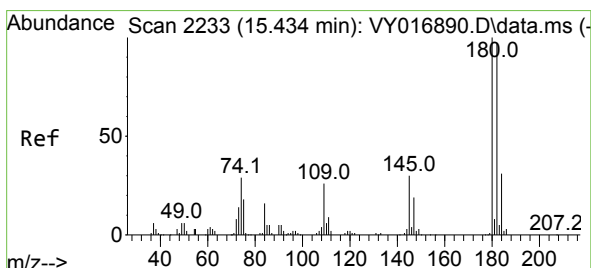
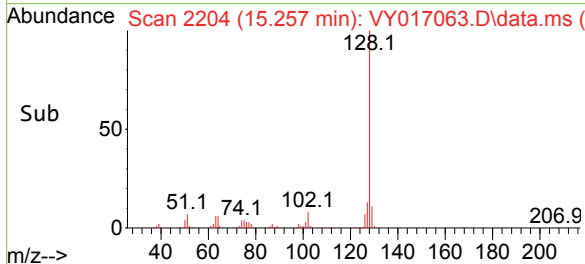
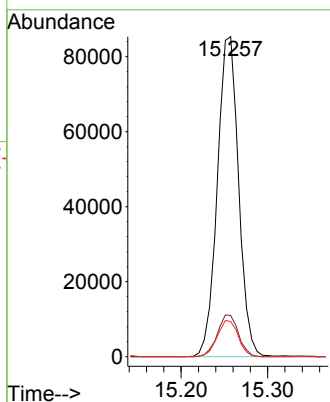
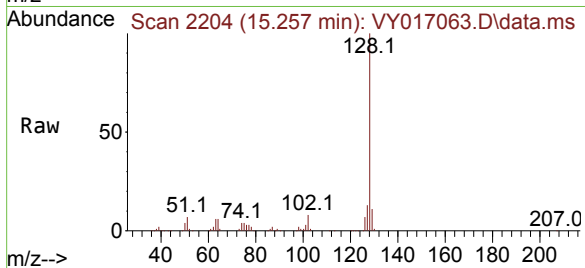
Tgt Ion:128 Resp: 145606

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.087 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017063.D

Acq: 19 Jan 2024 18:26

Tgt Ion:180 Resp: 63296

Ion Ratio Lower Upper

180 100

182 95.0 46.3 138.8

145 32.9 16.1 48.2

