

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017124.D
 Acq On : 26 Jan 2024 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 29 04:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56842	50.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.722	113	59487	51.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.185	98	231041	52.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.489	95	71462	52.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	41356	49.222	ug/l	99
3) Chloromethane	2.119	50	83815	58.326	ug/l	99
4) Vinyl Chloride	2.253	62	101585	62.003	ug/l	99
5) Bromomethane	2.656	94	75165	61.151	ug/l	97
6) Chloroethane	2.796	64	68161	63.033	ug/l	98
7) Trichlorofluoromethane	3.125	101	106446	56.336	ug/l	100
8) Diethyl Ether	3.534	74	32040	48.029	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	65023	50.208	ug/l	99
10) Methyl Iodide	4.095	142	58861	47.841	ug/l	99
11) Tert butyl alcohol	4.966	59	20228	244.121	ug/l	98
12) 1,1-Dichloroethene	3.875	96	60002	50.614	ug/l	94
13) Acrolein	3.735	56	24550	181.460	ug/l	98
14) Allyl chloride	4.485	41	94882	52.952	ug/l	98
15) Acrylonitrile	5.174	53	72971	252.037	ug/l	100
16) Acetone	3.948	43	70416	228.644	ug/l	98
17) Carbon Disulfide	4.198	76	175406	49.092	ug/l	100
18) Methyl Acetate	4.485	43	63141	54.561	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	144150	49.829	ug/l	96
20) Methylene Chloride	4.723	84	72896	59.233	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	71077	51.834	ug/l	98
22) Diisopropyl ether	6.125	45	218084	55.138	ug/l	94
23) Vinyl Acetate	6.064	43	489891	255.338	ug/l	100
24) 1,1-Dichloroethane	6.021	63	127662	52.917	ug/l	98
25) 2-Butanone	6.990	43	101329	241.619	ug/l	96
26) 2,2-Dichloropropane	6.984	77	106874	51.868	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	80033	52.669	ug/l	99
28) Bromochloromethane	7.338	49	54107	56.336	ug/l	98
29) Tetrahydrofuran	7.350	42	59546	260.313	ug/l	98
30) Chloroform	7.515	83	128767	52.418	ug/l	96
31) Cyclohexane	7.789	56	109994	55.293	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	110685	52.545	ug/l	99
36) 1,1-Dichloropropene	7.923	75	103150	53.959	ug/l	99
37) Ethyl Acetate	7.082	43	40305	49.034	ug/l	99
38) Carbon Tetrachloride	7.905	117	97222	51.898	ug/l	99
39) Methylcyclohexane	9.191	83	121607	52.890	ug/l	98
40) Benzene	8.167	78	295593	53.245	ug/l	99

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 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	22272	50.663	ug/l	94
42) 1,2-Dichloroethane	8.240	62	74506	51.766	ug/l	100
43) Isopropyl Acetate	8.277	43	78105	50.899	ug/l	100
44) Trichloroethene	8.947	130	74159	52.082	ug/l	100
45) 1,2-Dichloropropane	9.222	63	73088	53.638	ug/l	100
46) Dibromomethane	9.313	93	36506	50.447	ug/l	98
47) Bromodichloromethane	9.502	83	97694	53.065	ug/l	100
48) Methyl methacrylate	9.295	41	44974	52.786	ug/l	98
49) 1,4-Dioxane	9.307	88	8521	1197.229	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	209824	257.051	ug/l	100
52) Toluene	10.252	92	181879	54.128	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	88100	52.384	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	110161	53.257	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	51669	51.086	ug/l	98
56) Ethyl methacrylate	10.514	69	47093	53.245	ug/l	100
57) 1,3-Dichloropropane	10.795	76	88439	51.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	151066	246.058	ug/l	99
59) 2-Hexanone	10.837	43	148391	238.286	ug/l	100
60) Dibromochloromethane	10.990	129	61293	52.162	ug/l	97
61) 1,2-Dibromoethane	11.093	107	46827	50.966	ug/l	99
64) Tetrachloroethene	10.728	164	60012	51.321	ug/l	99
65) Chlorobenzene	11.526	112	184059	51.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	67685	52.122	ug/l	99
67) Ethyl Benzene	11.599	91	349407	54.063	ug/l	100
68) m/p-Xylenes	11.709	106	261694	107.772	ug/l	99
69) o-Xylene	12.038	106	120369	54.572	ug/l	100
70) Styrene	12.051	104	178053	55.605	ug/l	100
71) Bromoform	12.215	173	32506	49.921	ug/l #	99
73) Isopropylbenzene	12.337	105	331655	54.040	ug/l	100
74) N-amyl acetate	12.154	43	63025	50.948	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	56888	48.610	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	70453	77.749	ug/l #	100
77) Bromobenzene	12.617	156	68037	51.234	ug/l	99
78) n-propylbenzene	12.678	91	405727	54.964	ug/l	100
79) 2-Chlorotoluene	12.764	91	217055	53.584	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	265744	54.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	16854	48.151	ug/l	99
82) 4-Chlorotoluene	12.861	91	222579	53.018	ug/l	99
83) tert-Butylbenzene	13.081	119	224214	53.367	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	262269	54.327	ug/l	99
85) sec-Butylbenzene	13.264	105	342222	55.011	ug/l	99
86) p-Isopropyltoluene	13.380	119	287657	55.511	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	137074	52.281	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	132205	51.249	ug/l	100
89) n-Butylbenzene	13.703	91	280185	56.056	ug/l	100
90) Hexachloroethane	13.971	117	57699	53.422	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	114736	51.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6827	45.675	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	60804	51.967	ug/l	97
94) Hexachlorobutadiene	15.123	225	36148	51.333	ug/l	99
95) Naphthalene	15.245	128	102306	49.506	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	49855	51.216	ug/l	99

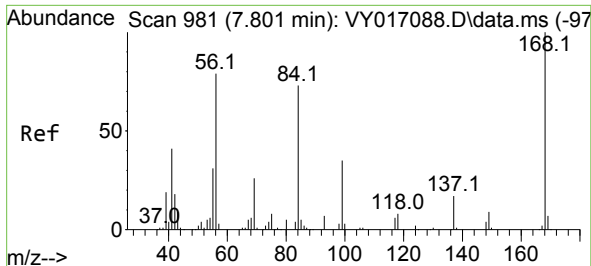
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
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Response via : Initial Calibration

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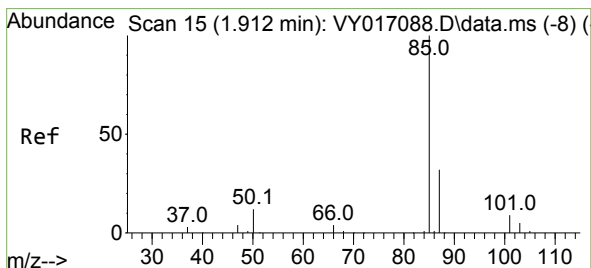
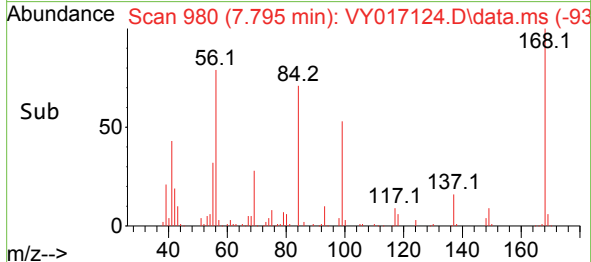
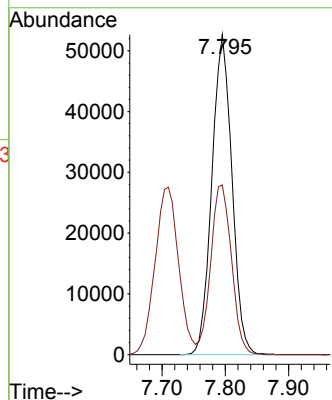
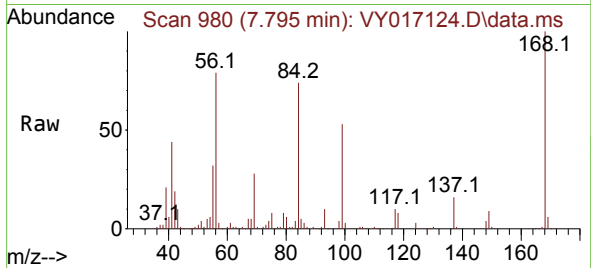
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY017124.D
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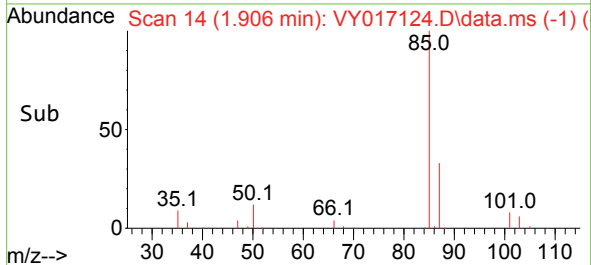
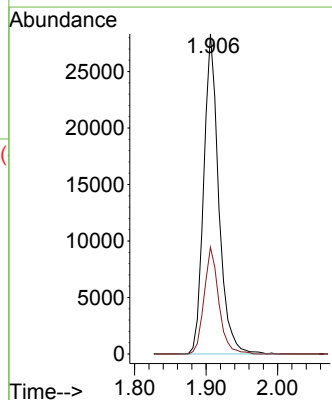
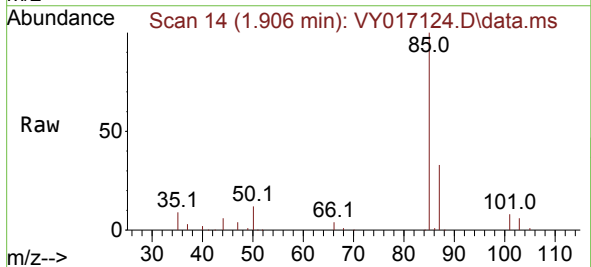
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

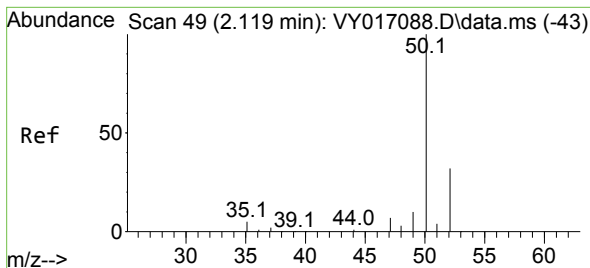
Tgt Ion:168 Resp: 115783
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 49.222 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 85 Resp: 41356
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.3





#3

Chloromethane

Concen: 58.326 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

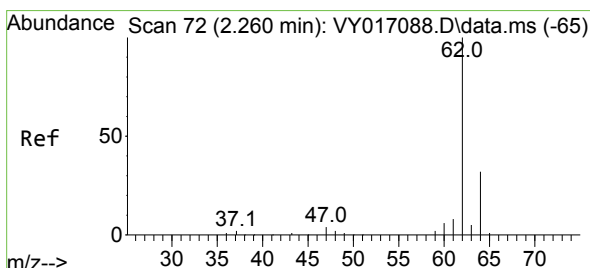
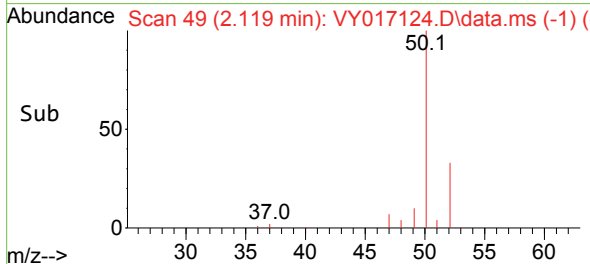
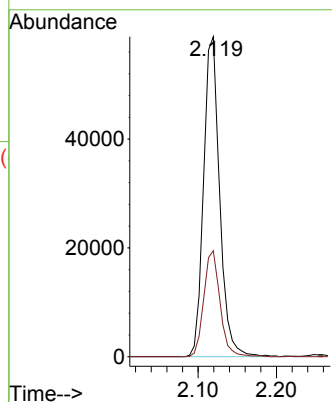
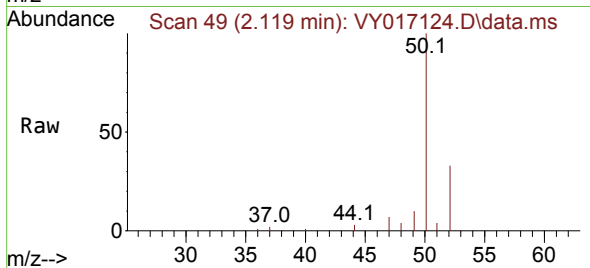
VSTDCCC050EC

Tgt Ion: 50 Resp: 83815

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 62.003 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY017124.D

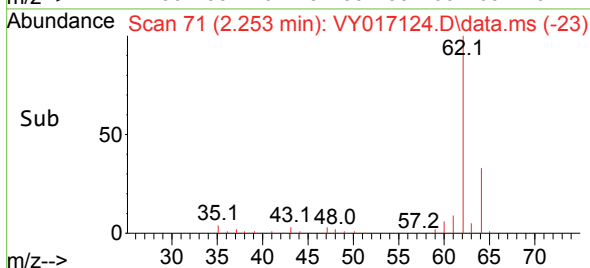
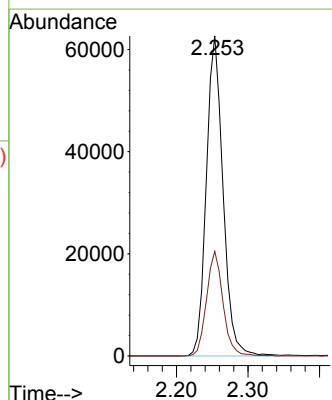
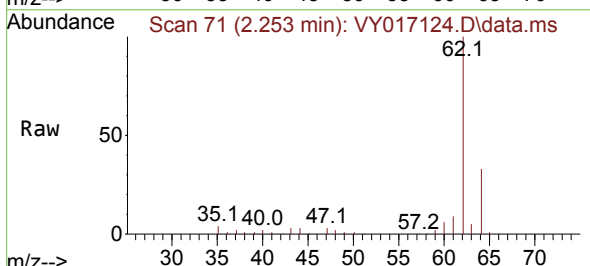
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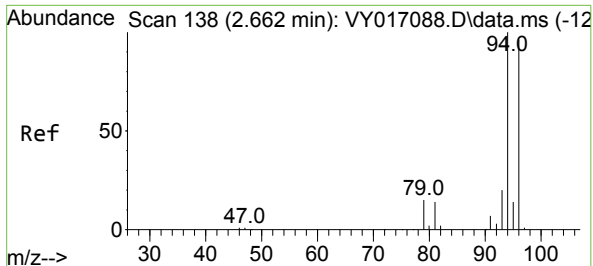
Tgt Ion: 62 Resp: 101585

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5

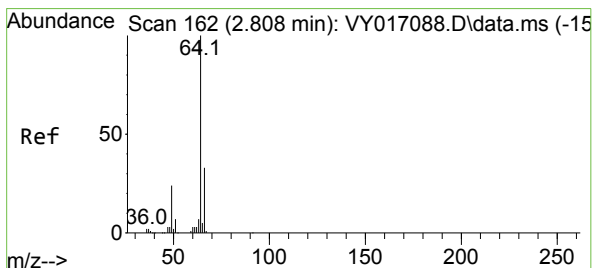
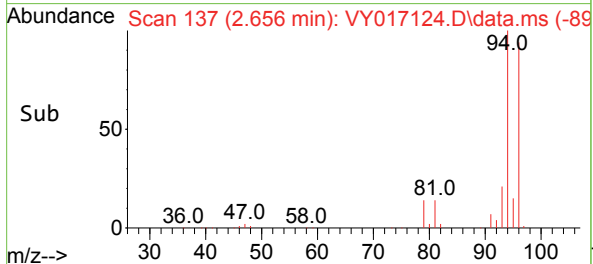
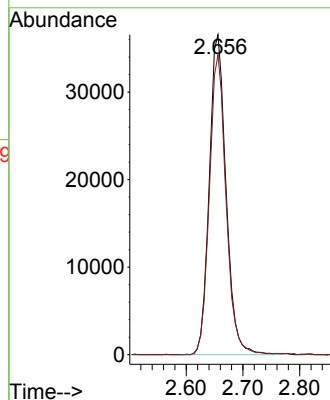
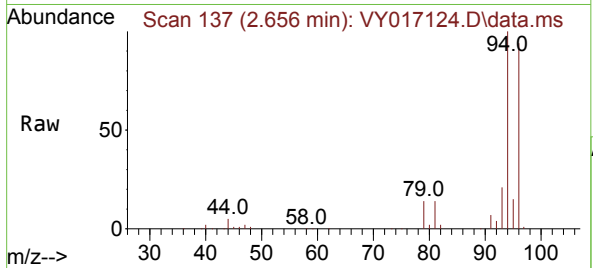




#5
Bromomethane
Concen: 61.151 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

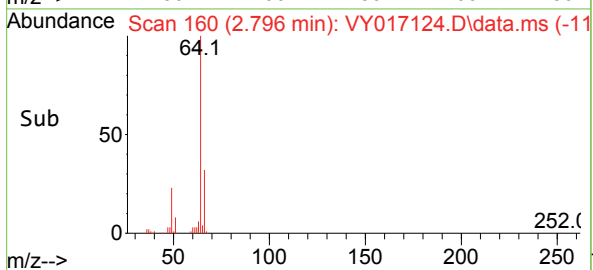
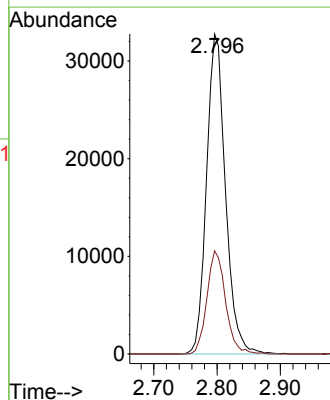
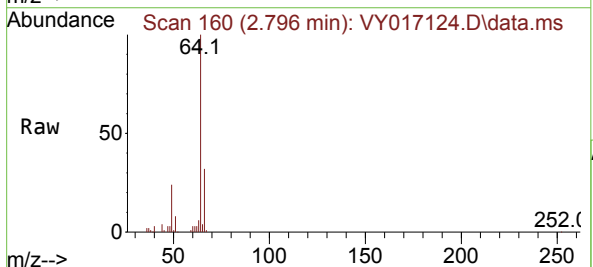
Instrument :
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ClientSampleId :
VSTDCCC050EC

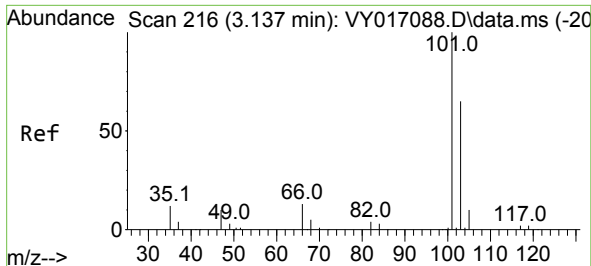
Tgt Ion: 94 Resp: 75165
Ion Ratio Lower Upper
94 100
96 93.7 77.3 115.9



#6
Chloroethane
Concen: 63.033 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.012 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 64 Resp: 68161
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

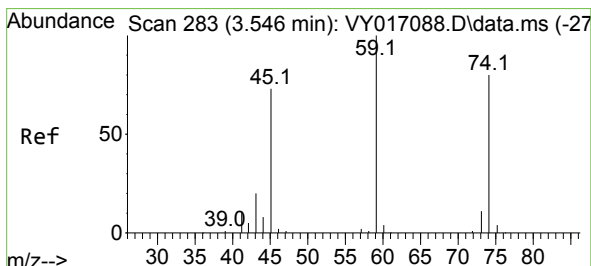
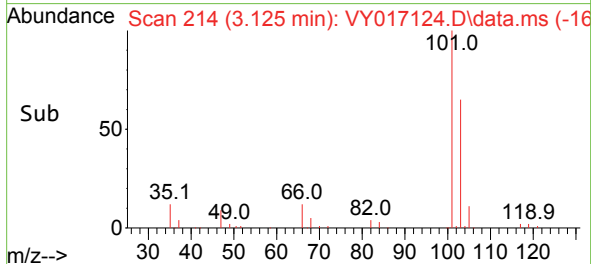
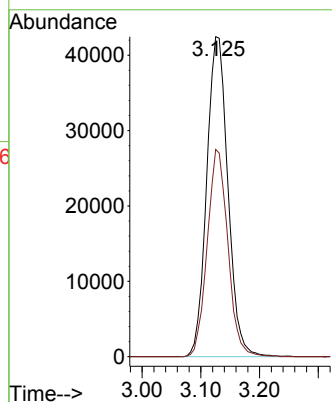
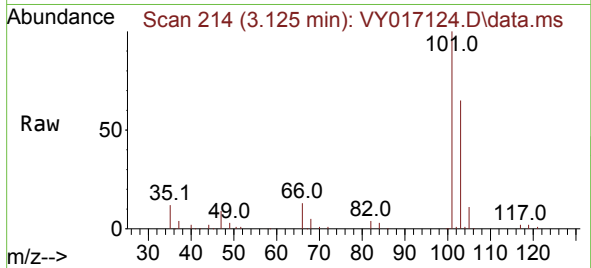




#7
 Trichlorofluoromethane
 Concen: 56.336 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

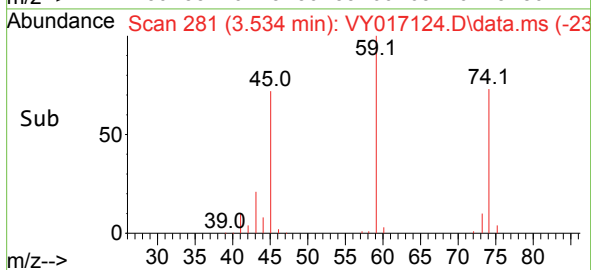
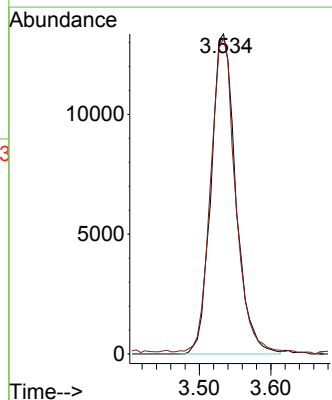
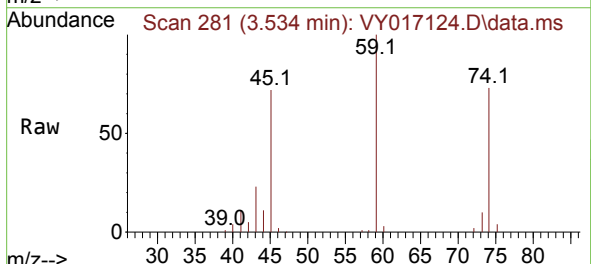
Instrument :
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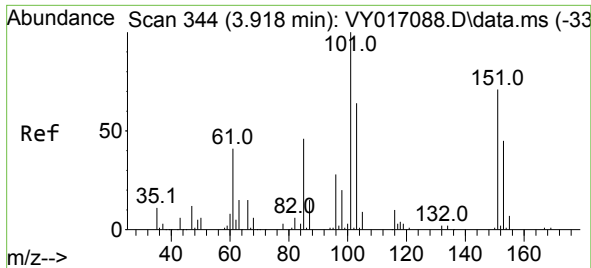
Tgt Ion:101 Resp: 106446
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 48.029 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

Tgt Ion: 74 Resp: 32040
 Ion Ratio Lower Upper
 74 100
 45 100.8 47.9 143.7

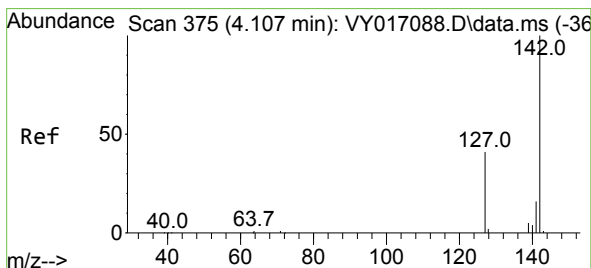
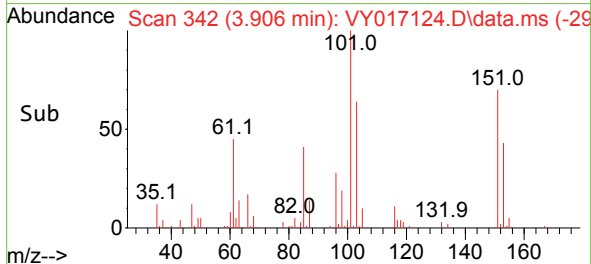
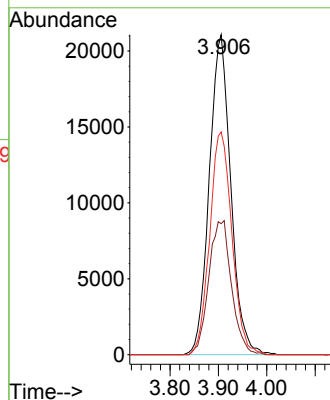
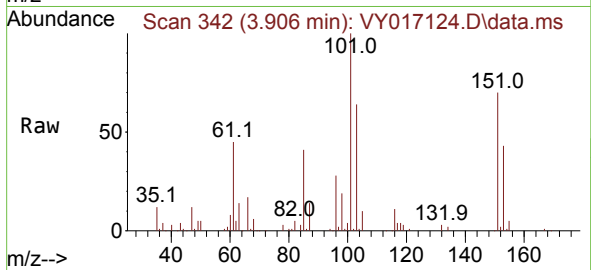




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.208 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.005 min
Lab File: VY017124.D
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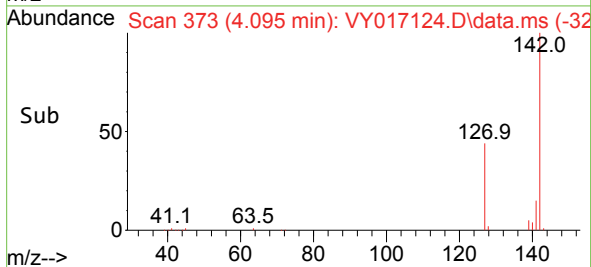
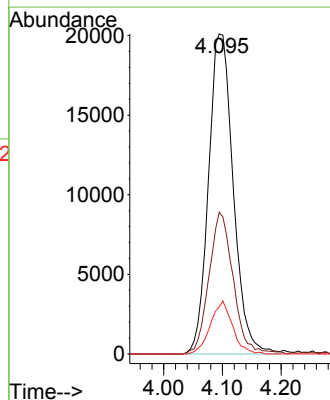
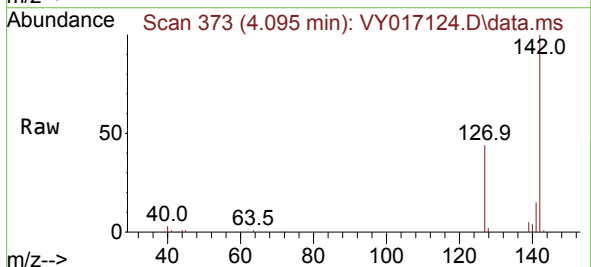
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

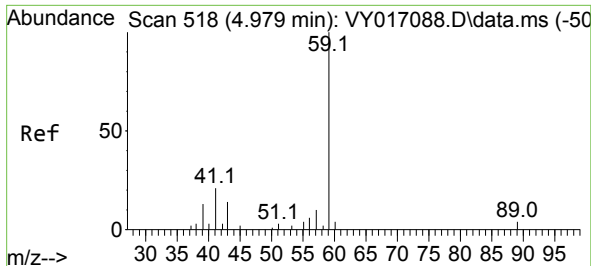
Tgt Ion:101 Resp: 65023
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.6
151 71.9 58.6 88.0



#10
Methyl Iodide
Concen: 47.841 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.011 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion:142 Resp: 58861
Ion Ratio Lower Upper
142 100
127 43.3 35.1 52.7
141 14.8 11.8 17.6

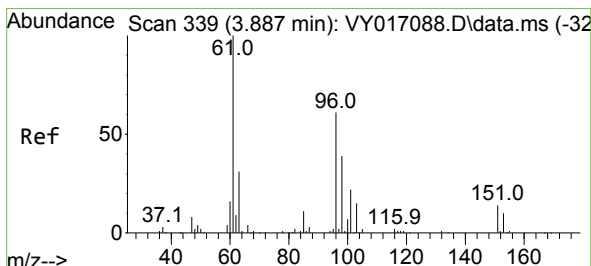
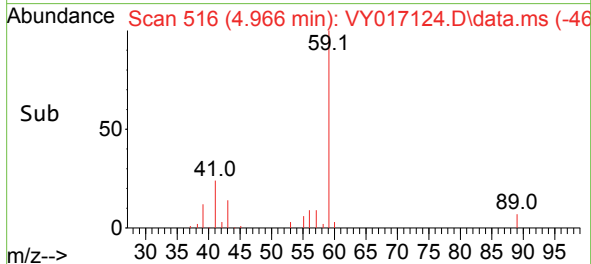
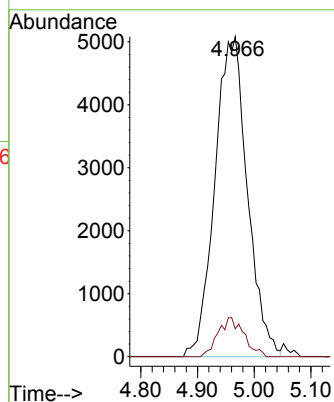
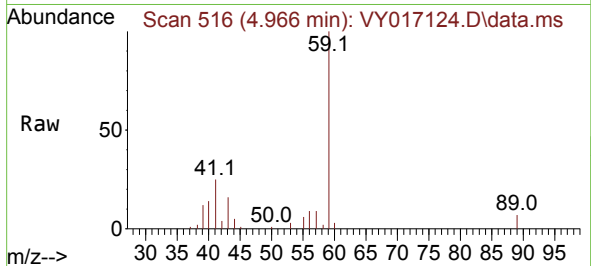




#11
Tert butyl alcohol
Concen: 244.121 ug/l
RT: 4.966 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

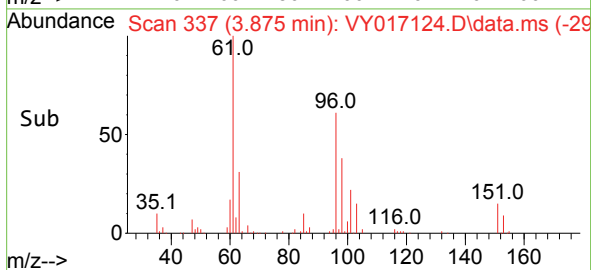
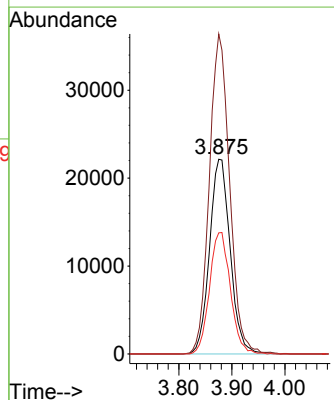
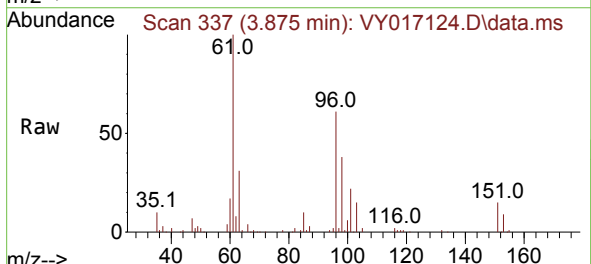
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

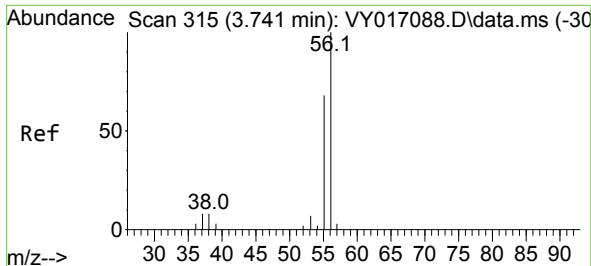
Tgt Ion: 59 Resp: 20228
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.614 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 96 Resp: 60002
Ion Ratio Lower Upper
96 100
61 164.3 124.2 186.2
98 62.2 52.6 79.0





#13

Acrolein

Concen: 181.460 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

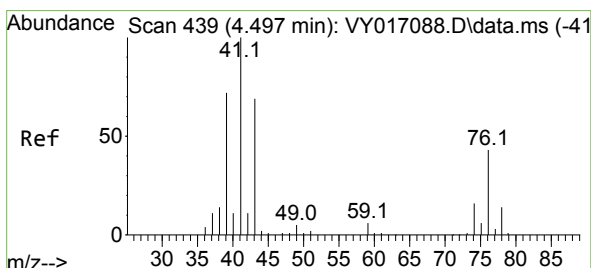
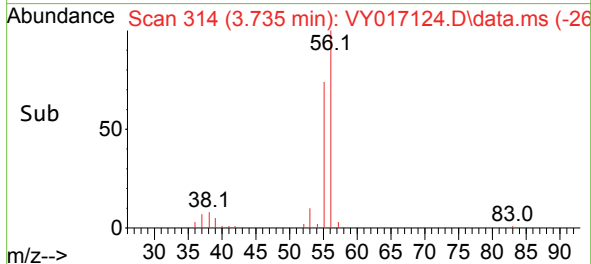
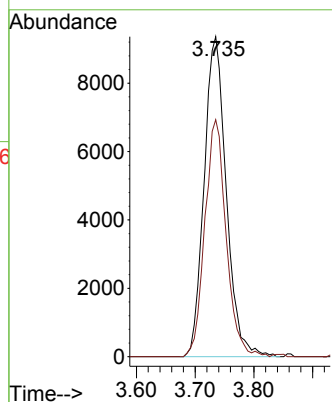
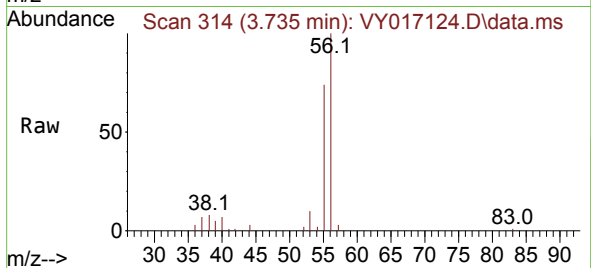
VSTDCCC050EC

Tgt Ion: 56 Resp: 24550

Ion Ratio Lower Upper

56 100

55 71.2 55.4 83.0



#14

Allyl chloride

Concen: 52.952 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

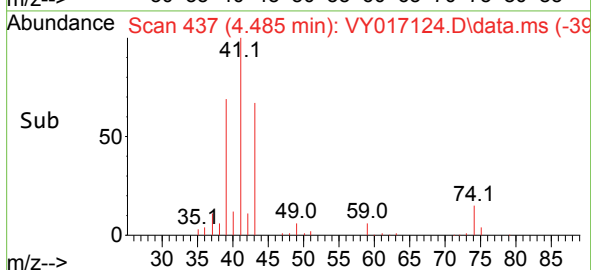
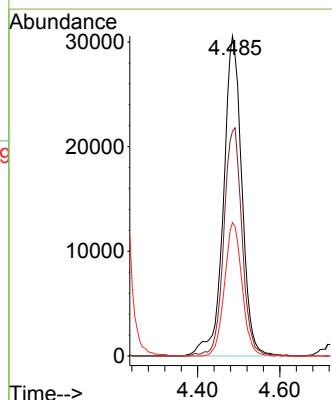
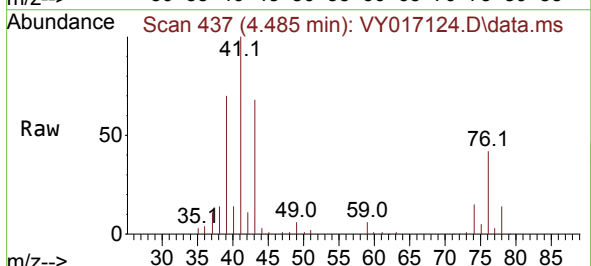
Tgt Ion: 41 Resp: 94882

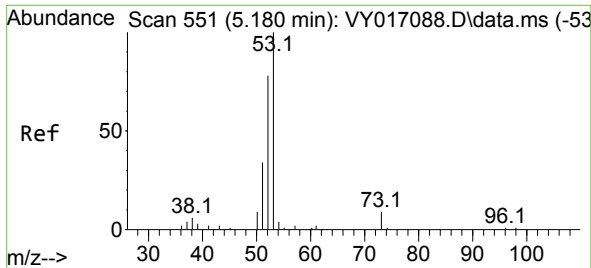
Ion Ratio Lower Upper

41 100

39 70.4 54.7 82.1

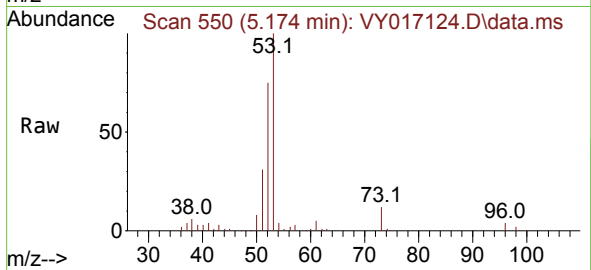
76 39.7 31.8 47.6



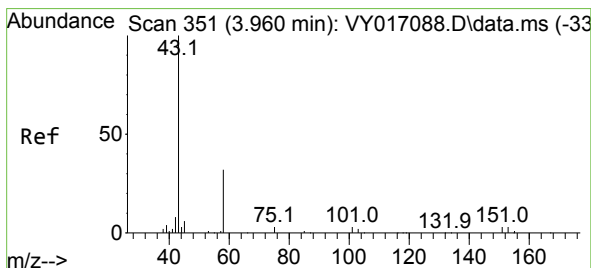
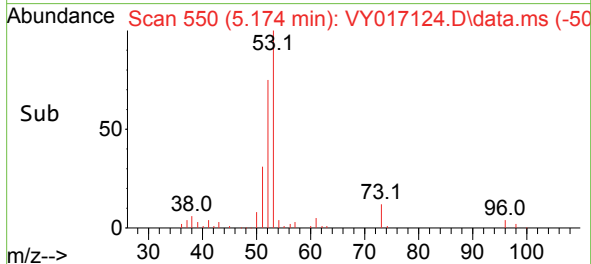
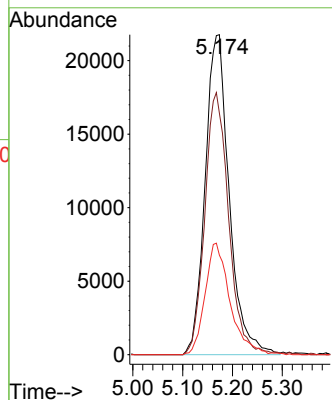


#15
Acrylonitrile
Concen: 252.037 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

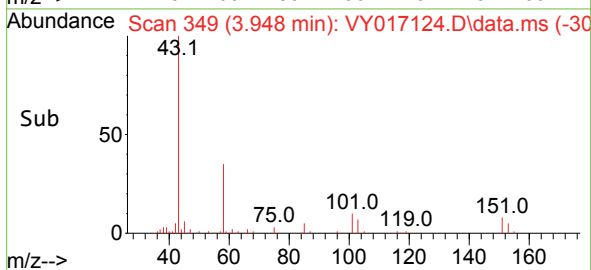
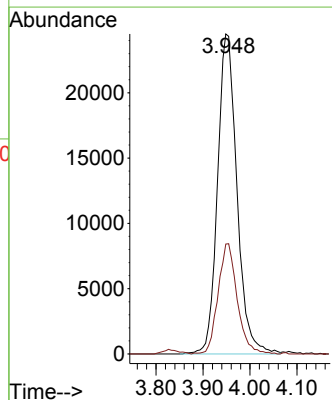
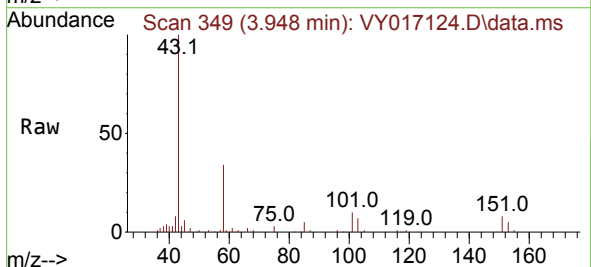


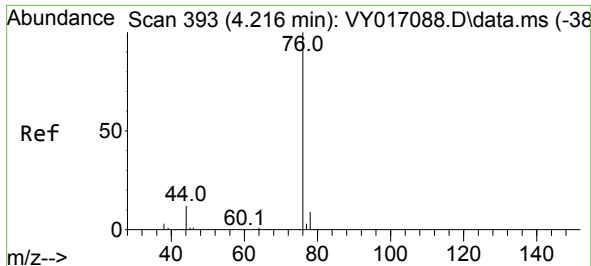
Tgt Ion:	53	Resp:	72971
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	36.3	29.0	43.4



#16
Acetone
Concen: 228.644 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion:	43	Resp:	70416
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.6	39.8





#17

Carbon Disulfide

Concen: 49.092 ug/l

RT: 4.198 min Scan# 390

Delta R.T. -0.012 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

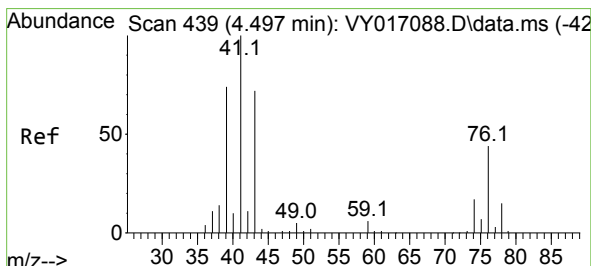
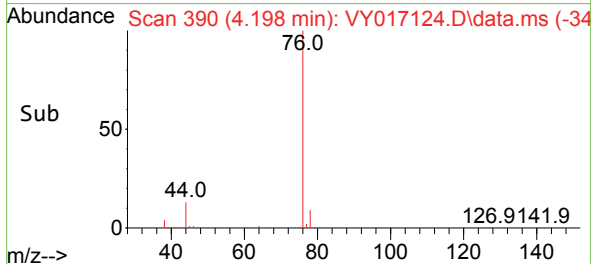
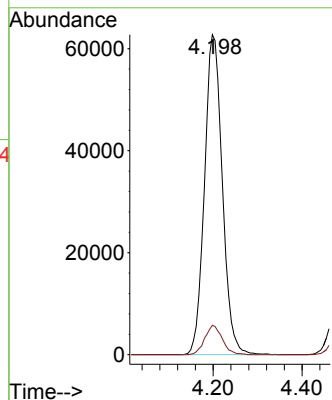
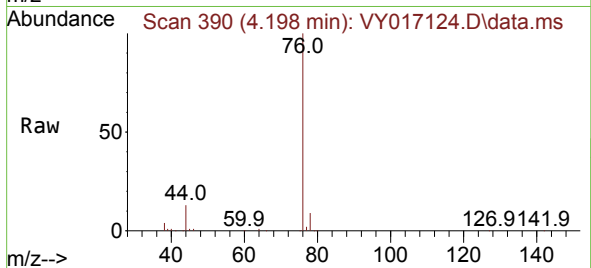
VSTDCCC050EC

Tgt Ion: 76 Resp: 175406

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 54.561 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY017124.D

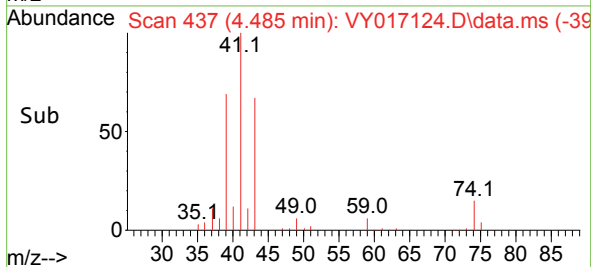
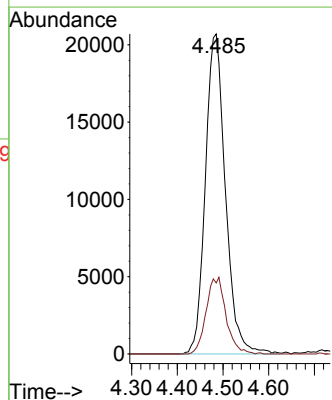
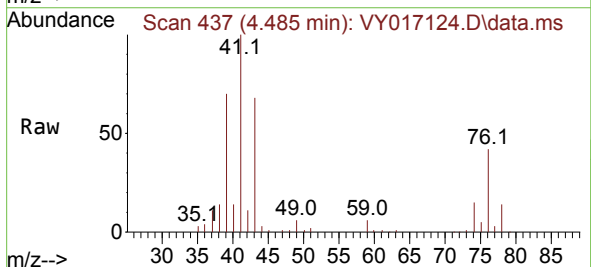
Acq: 26 Jan 2024 16:38

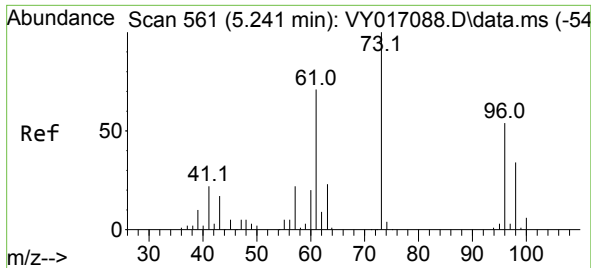
Tgt Ion: 43 Resp: 63141

Ion Ratio Lower Upper

43 100

74 23.7 19.8 29.6

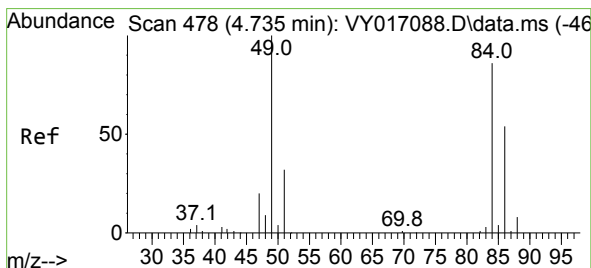
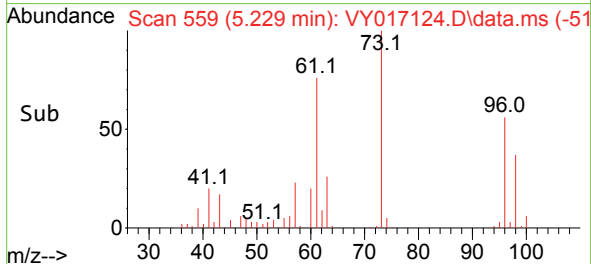
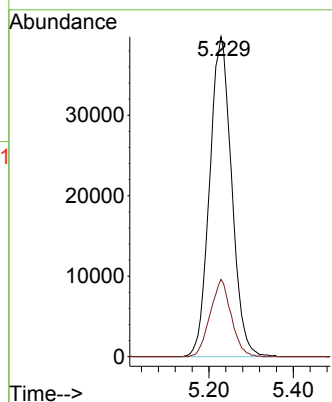
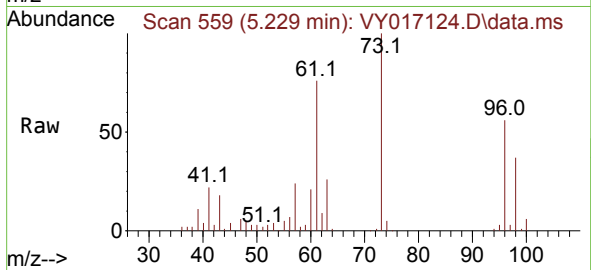




#19
Methyl tert-butyl Ether
Concen: 49.829 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

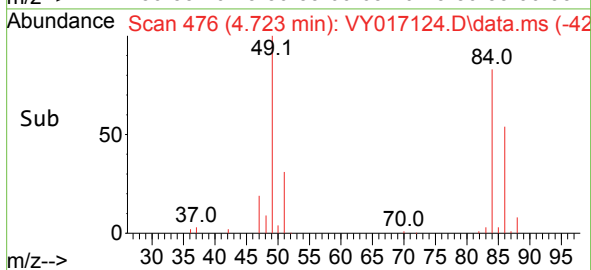
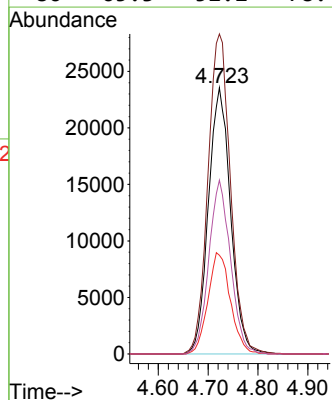
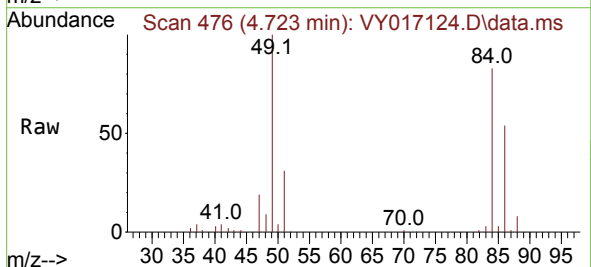
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

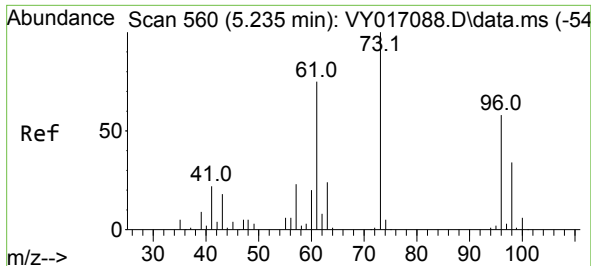
Tgt Ion: 73 Resp: 144150
Ion Ratio Lower Upper
73 100
57 24.2 17.7 26.5



#20
Methylene Chloride
Concen: 59.233 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.011 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 84 Resp: 72896
Ion Ratio Lower Upper
84 100
49 120.2 95.2 142.8
51 37.1 29.9 44.9
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 51.834 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

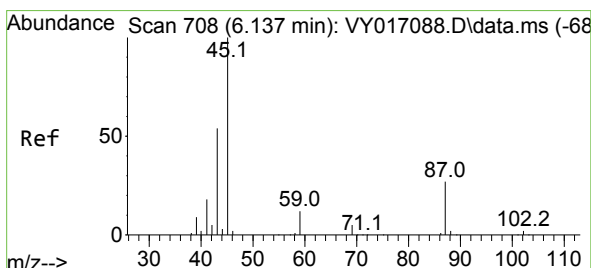
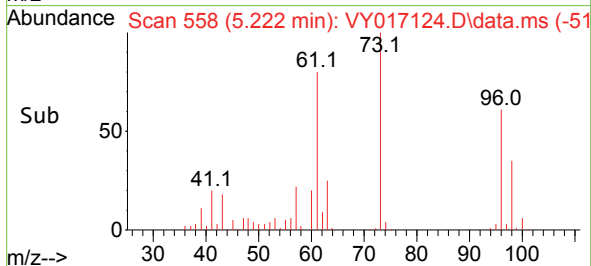
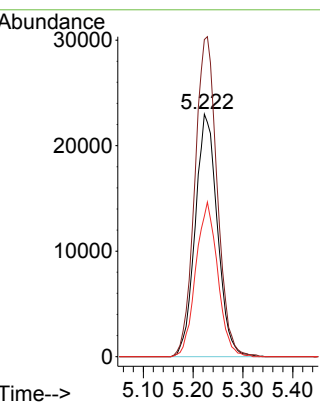
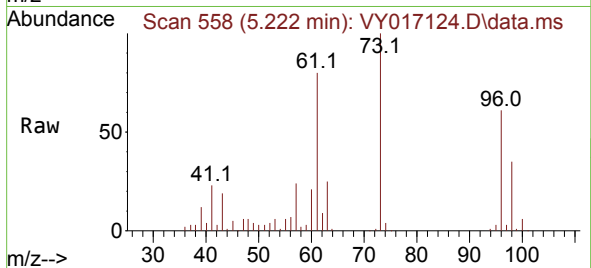
Tgt Ion: 96 Resp: 71077

Ion Ratio Lower Upper

96 100

61 130.7 104.6 156.8

98 57.9 50.9 76.3



#22

Diisopropyl ether

Concen: 55.138 ug/l

RT: 6.125 min Scan# 706

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Tgt Ion: 45 Resp: 218084

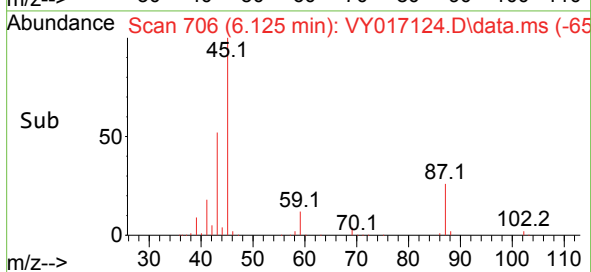
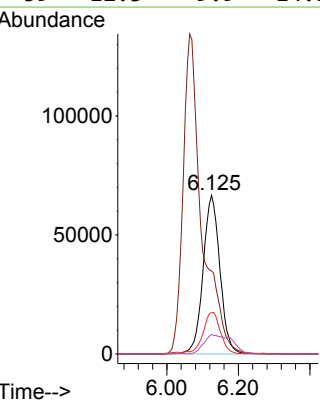
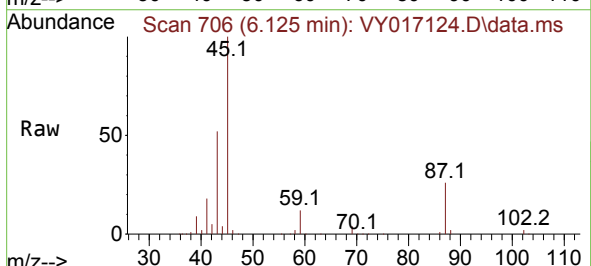
Ion Ratio Lower Upper

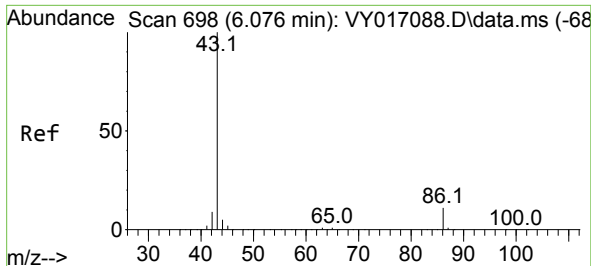
45 100

43 52.1 46.8 70.2

87 26.0 22.2 33.2

59 12.3 9.9 14.9

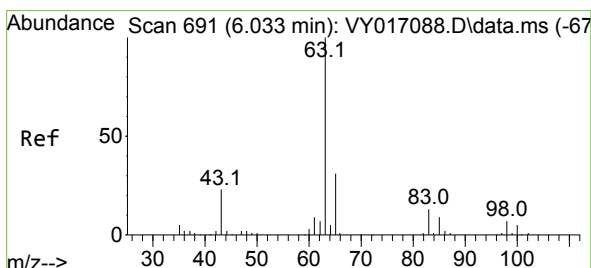
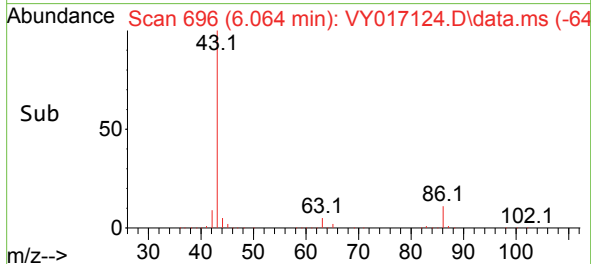
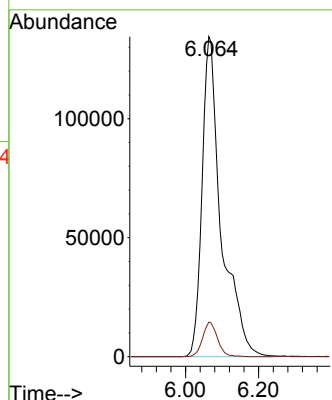
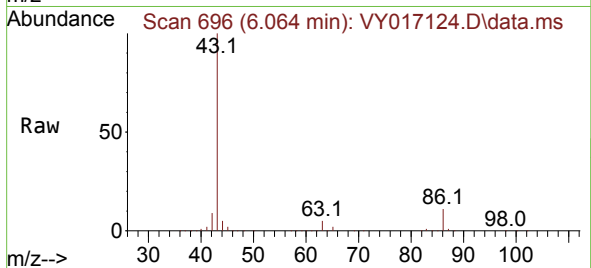




#23
 Vinyl Acetate
 Concen: 255.338 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

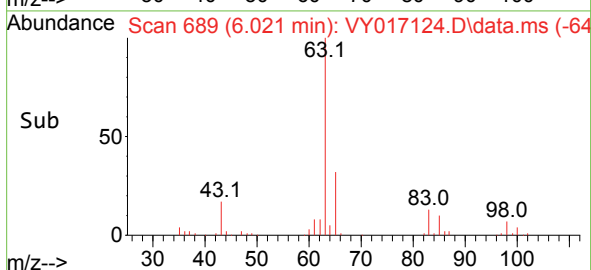
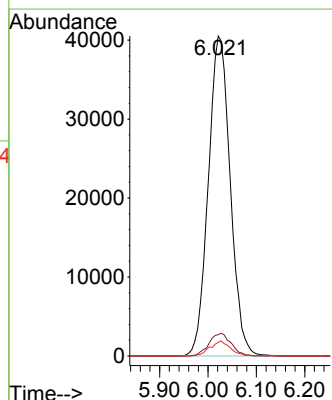
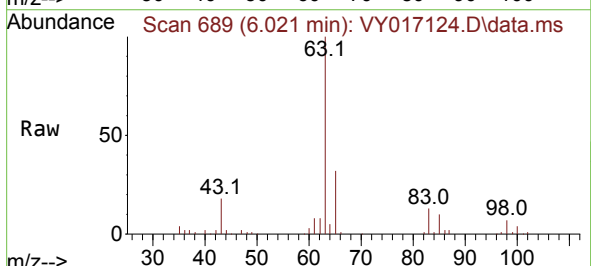
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

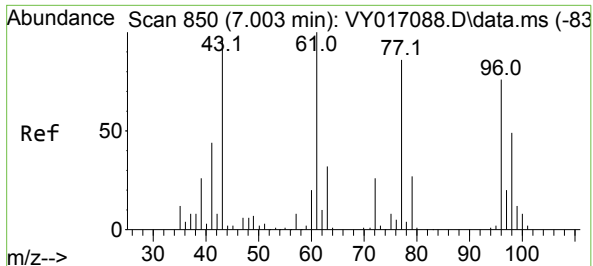
Tgt Ion: 43 Resp: 489891
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.917 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

Tgt Ion: 63 Resp: 127662
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 241.619 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

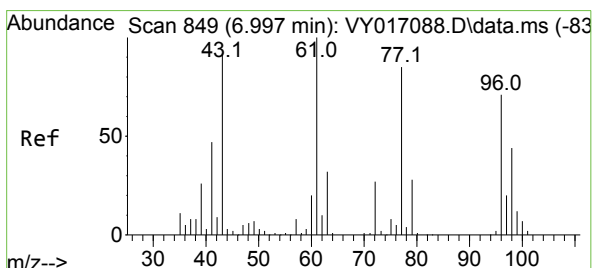
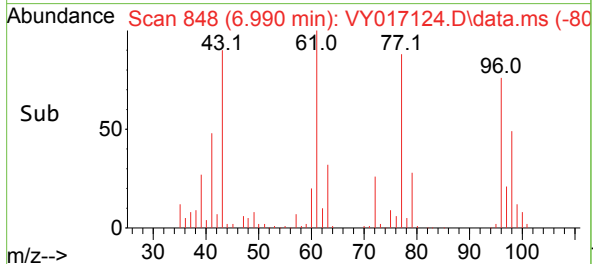
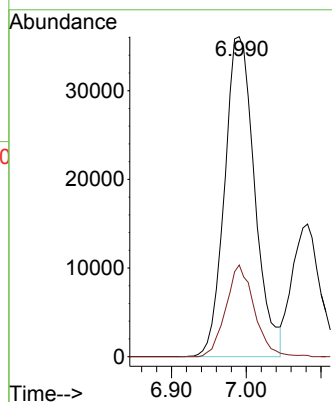
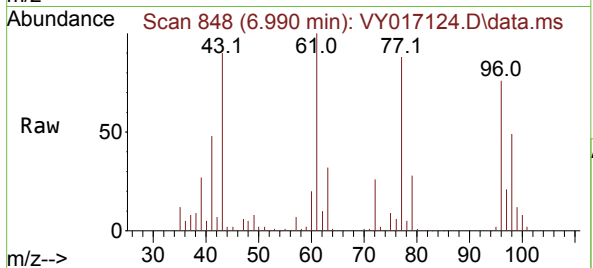
VSTDCCC050EC

Tgt Ion: 43 Resp: 101329

Ion Ratio Lower Upper

43 100

72 28.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.868 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY017124.D

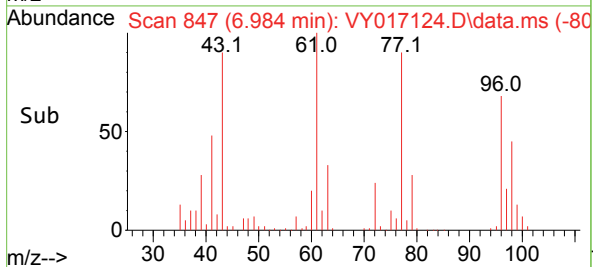
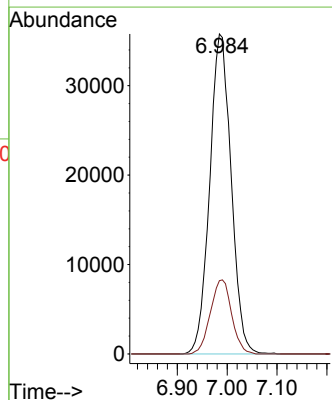
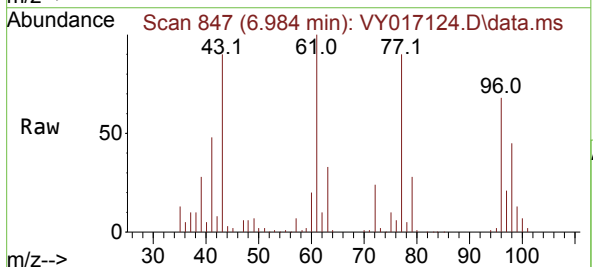
Acq: 26 Jan 2024 16:38

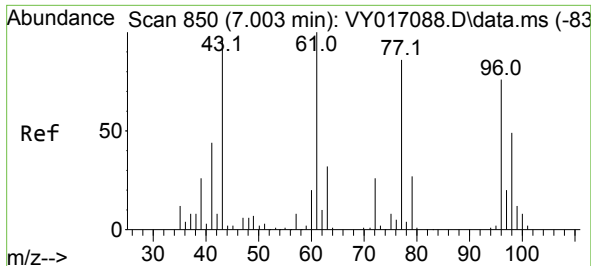
Tgt Ion: 77 Resp: 106874

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.669 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

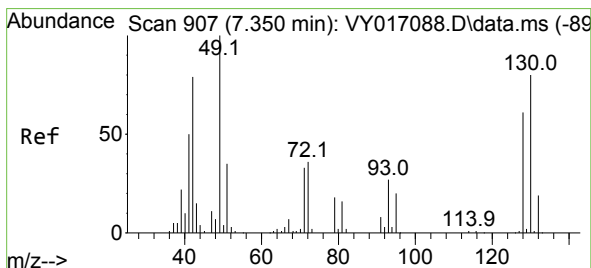
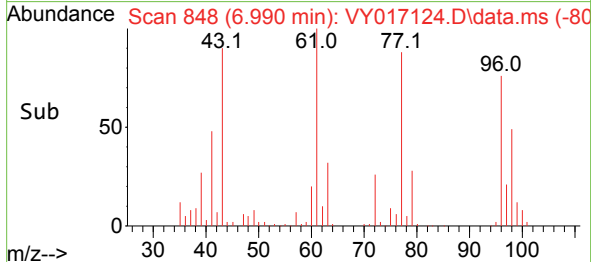
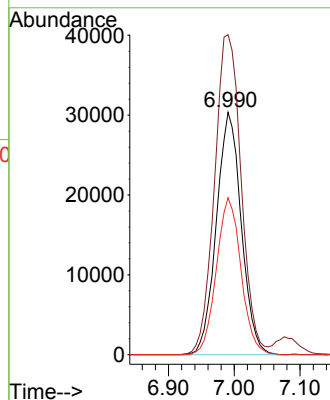
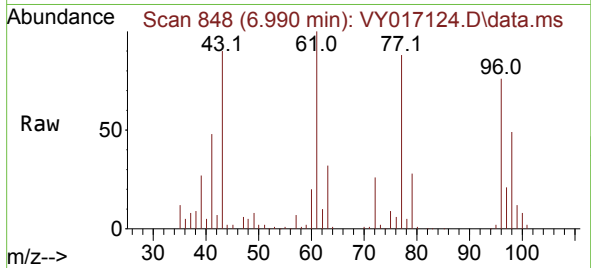
Tgt Ion: 96 Resp: 80033

Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 56.336 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

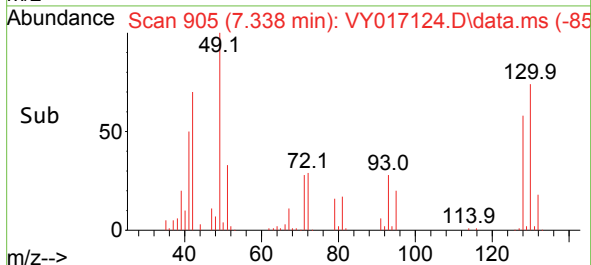
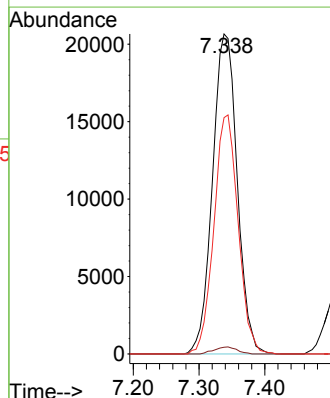
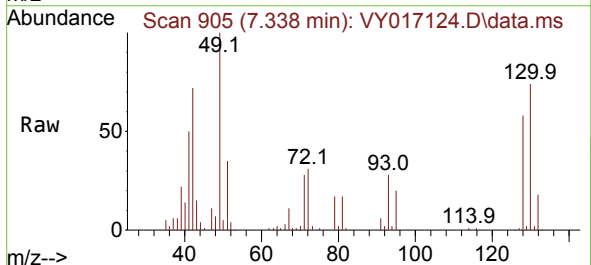
Tgt Ion: 49 Resp: 54107

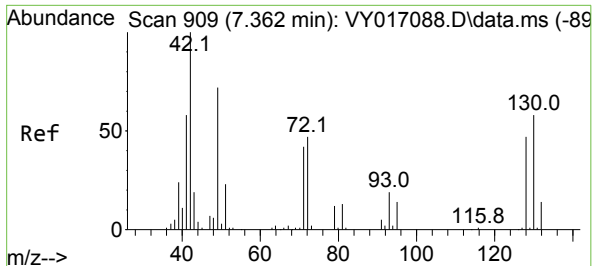
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 73.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 260.313 ug/l

RT: 7.350 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

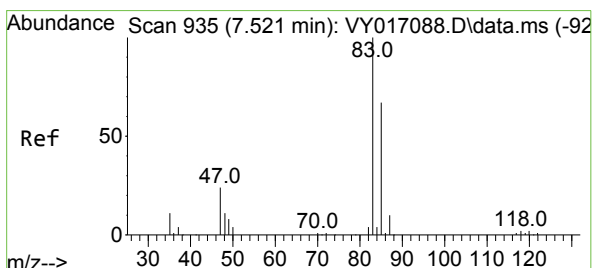
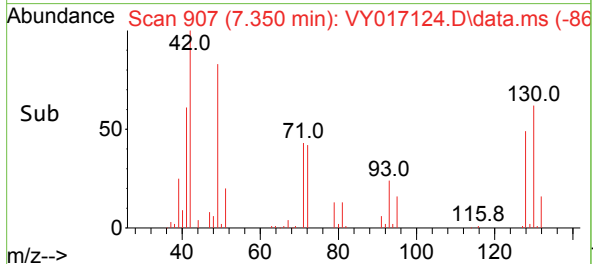
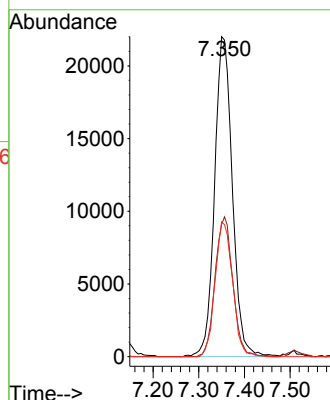
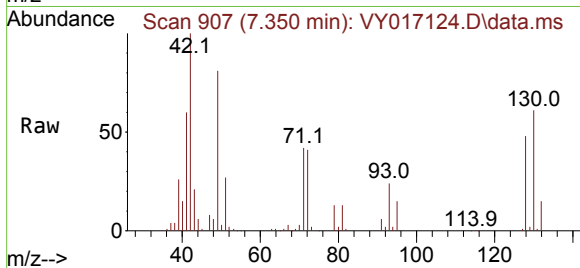
Tgt Ion: 42 Resp: 59546

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 41.5 33.8 50.6



#30

Chloroform

Concen: 52.418 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY017124.D

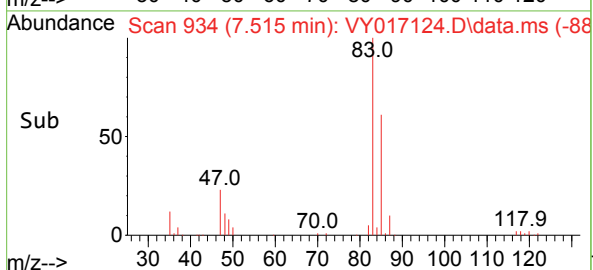
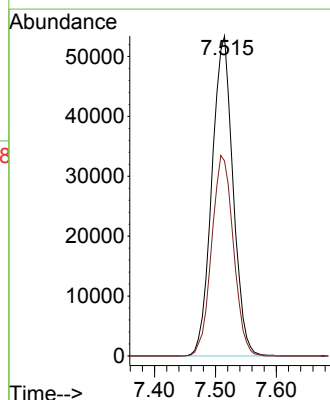
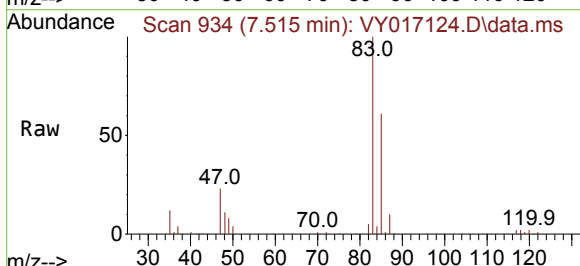
Acq: 26 Jan 2024 16:38

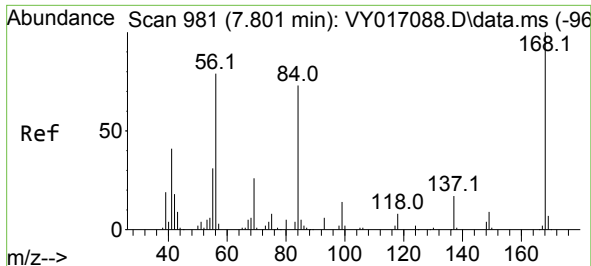
Tgt Ion: 83 Resp: 128767

Ion Ratio Lower Upper

83 100

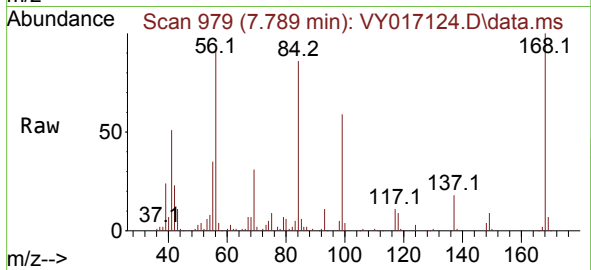
85 60.9 51.2 76.8



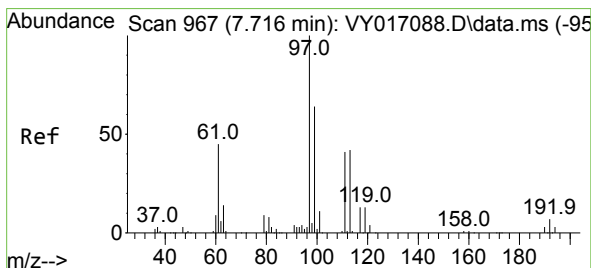
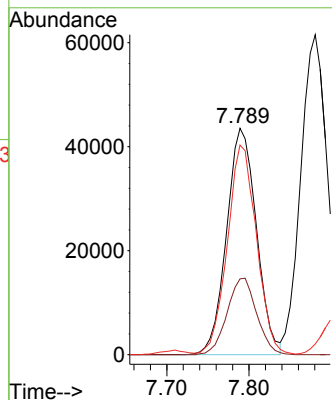
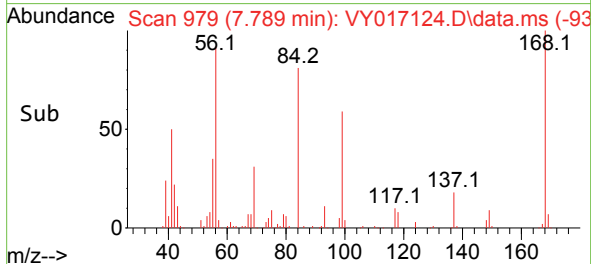


#31
Cyclohexane
Concen: 55.293 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

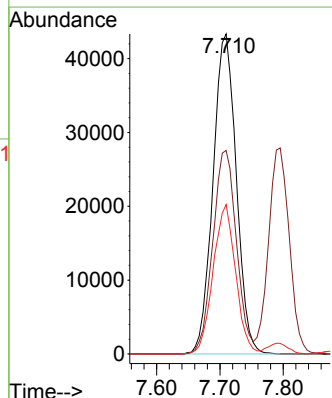
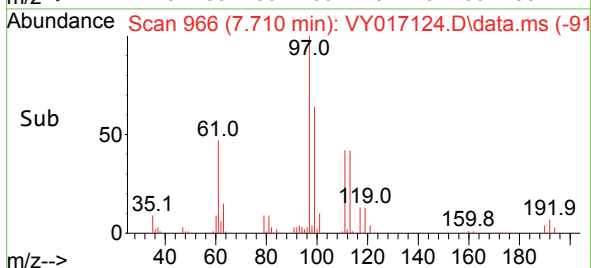
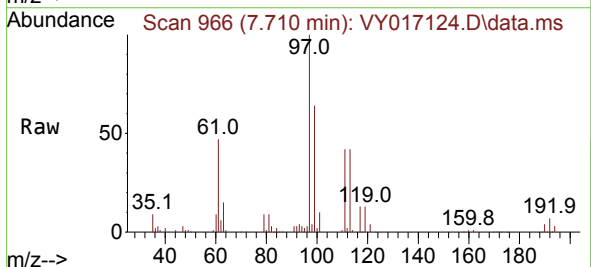


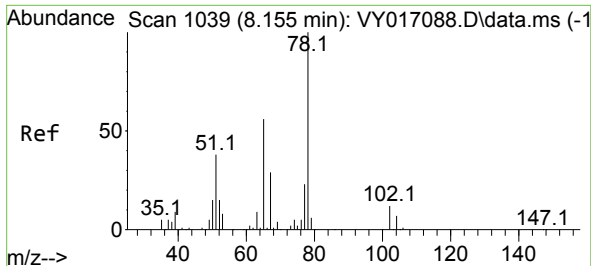
Tgt Ion: 56 Resp: 109994
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 91.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.545 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 97 Resp: 110685
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 45.2 35.0 52.6

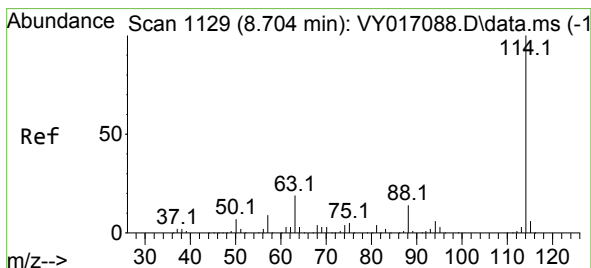
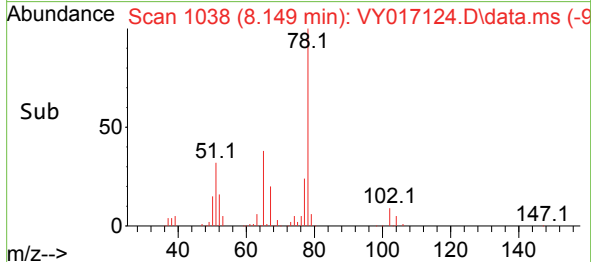
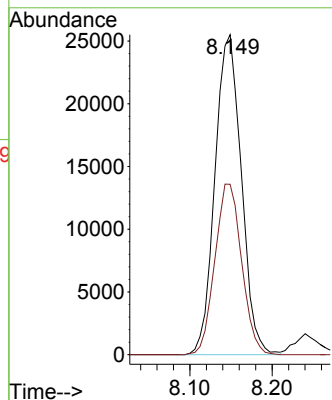
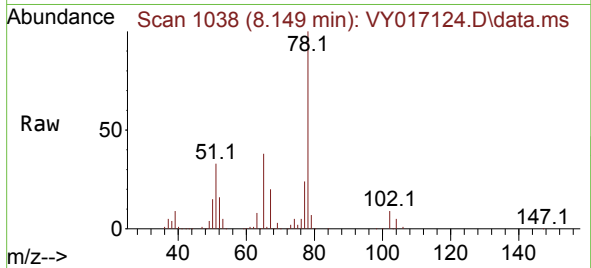




#33
 1,2-Dichloroethane-d4
 Concen: 50.388 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

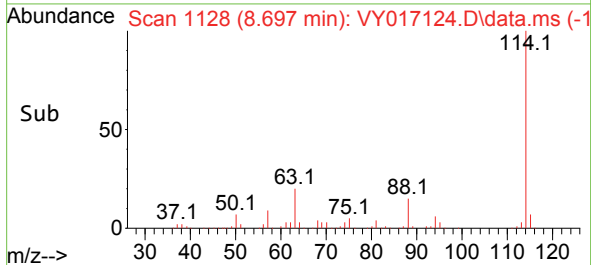
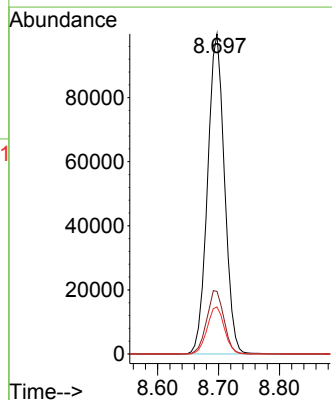
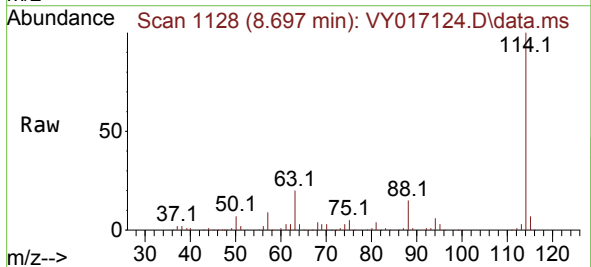
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

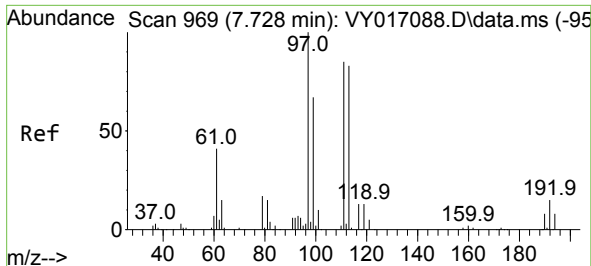
Tgt Ion: 65 Resp: 56842
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

Tgt Ion: 114 Resp: 192506
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.7 0.0 29.0

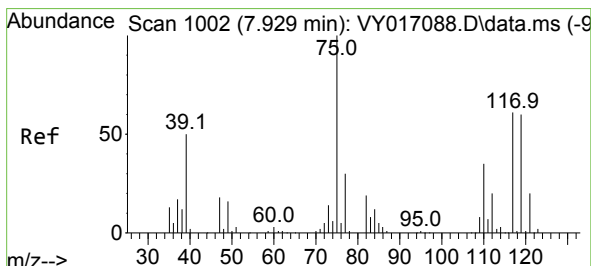
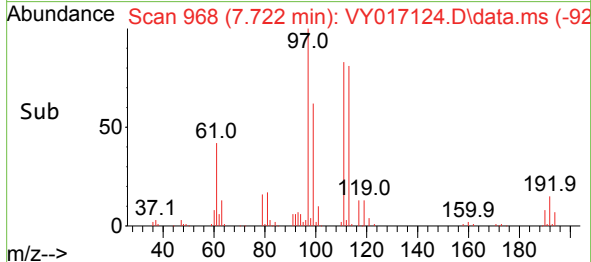
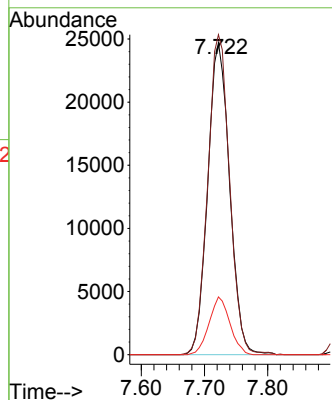
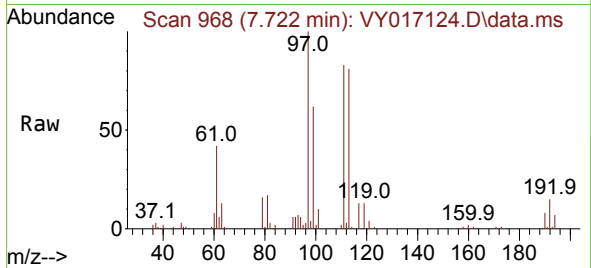




#35
Dibromofluoromethane
Concen: 51.200 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

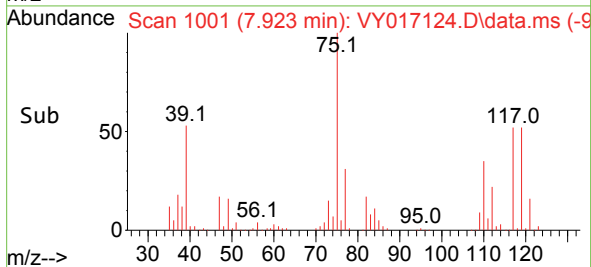
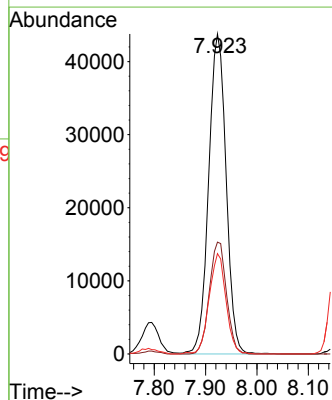
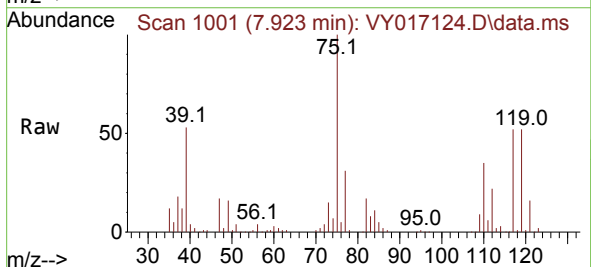
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

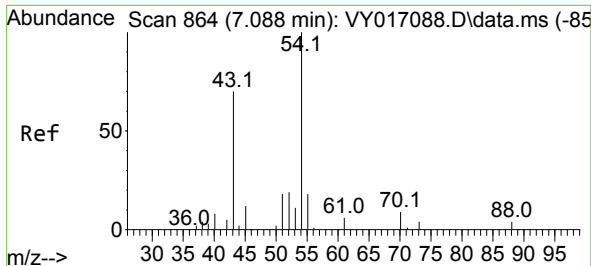
Tgt Ion:113 Resp: 59487
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 53.959 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 75 Resp: 103150
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.3 24.7 37.1

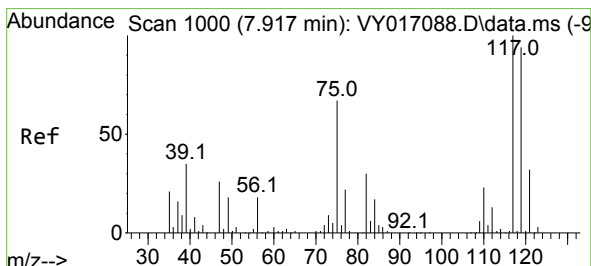
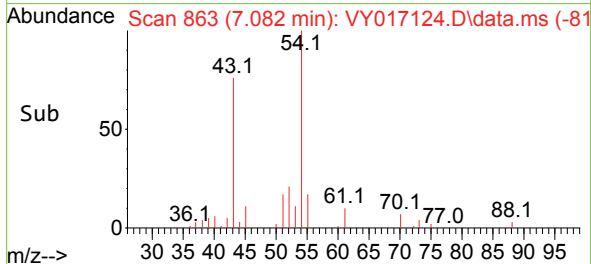
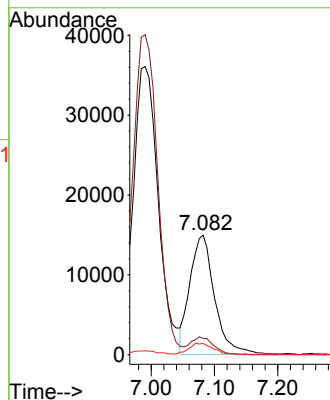
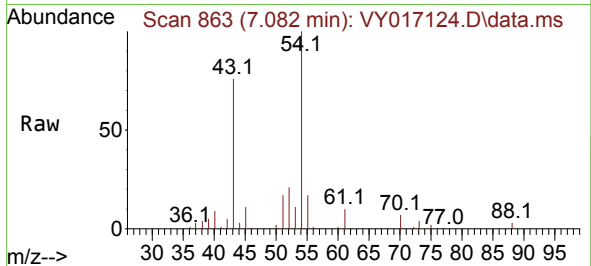




#37
Ethyl Acetate
Concen: 49.034 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

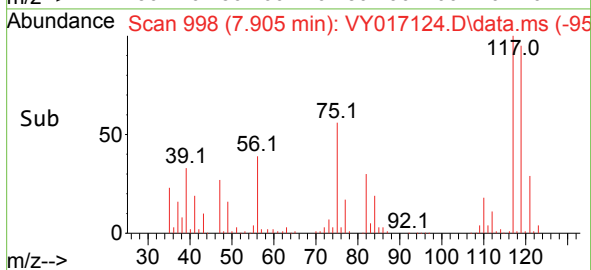
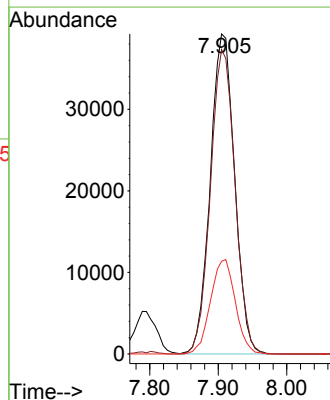
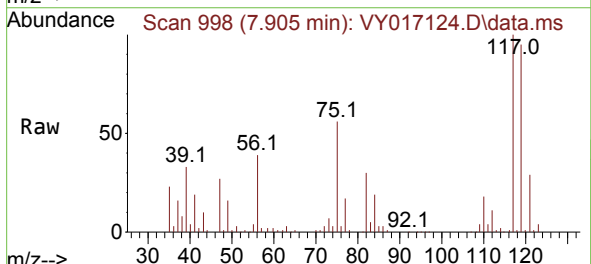
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

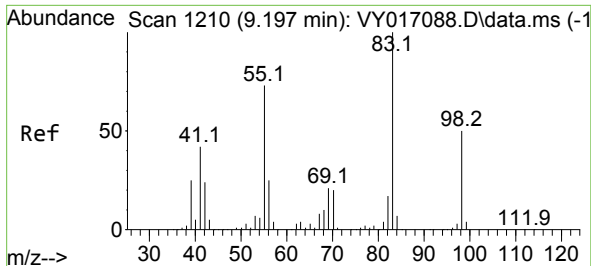
Tgt Ion: 43 Resp: 40305
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.898 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.012 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 117 Resp: 97222
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0
121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 52.890 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

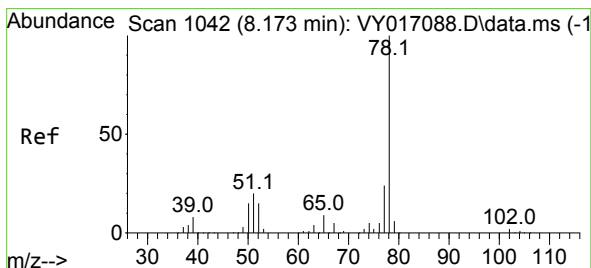
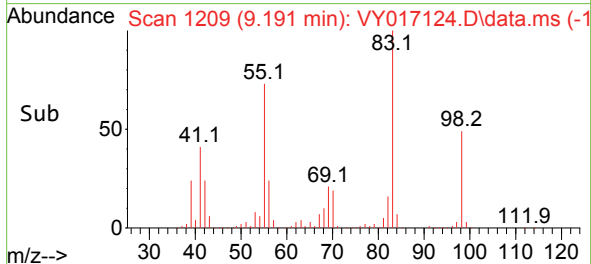
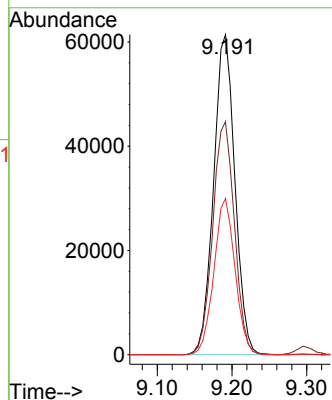
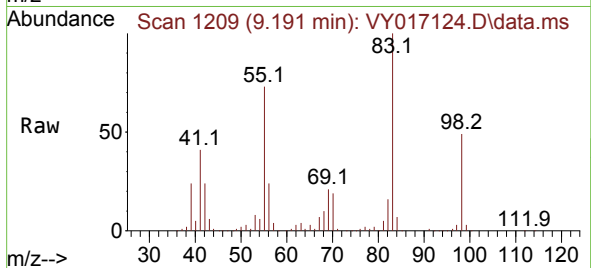
Tgt Ion: 83 Resp: 121607

Ion Ratio Lower Upper

83 100

55 72.8 59.7 89.5

98 48.8 38.0 57.0



#40

Benzene

Concen: 53.245 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY017124.D

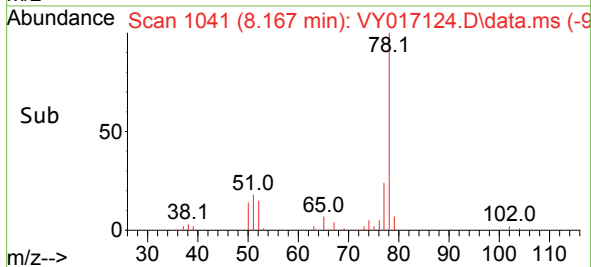
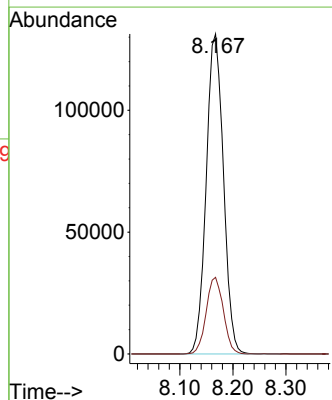
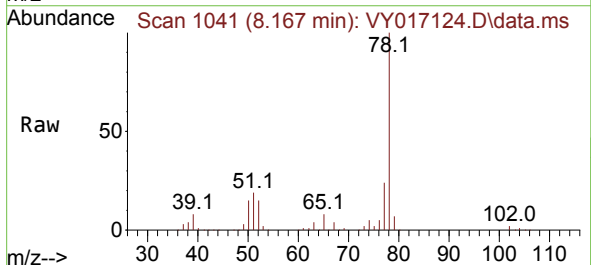
Acq: 26 Jan 2024 16:38

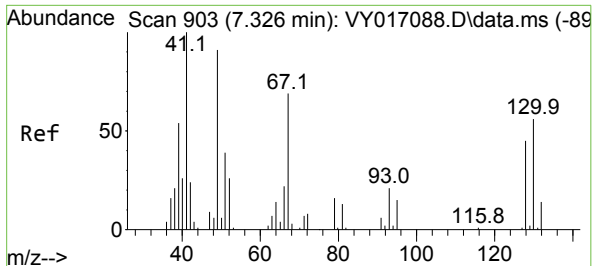
Tgt Ion: 78 Resp: 295593

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

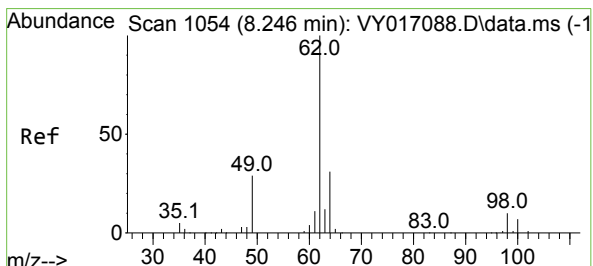
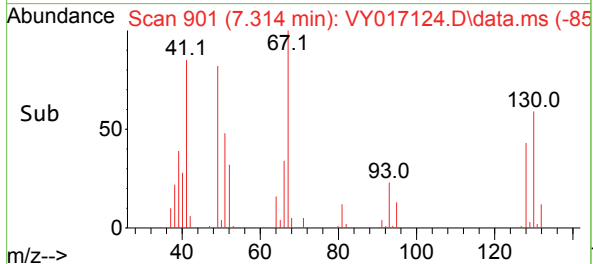
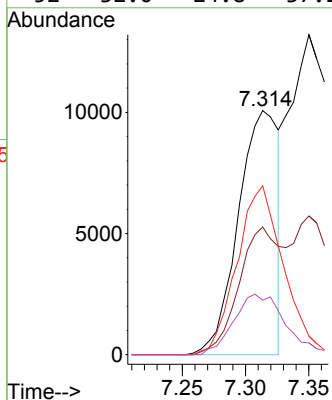
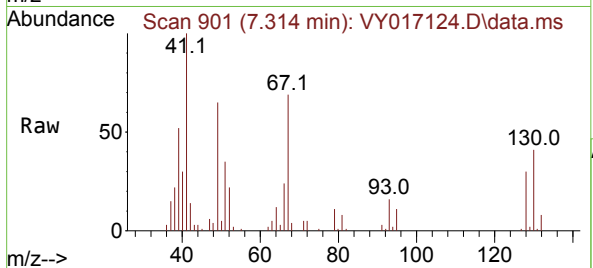




#41
Methacrylonitrile
Concen: 50.663 ug/l
RT: 7.314 min Scan# 903
Delta R.T. -0.005 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

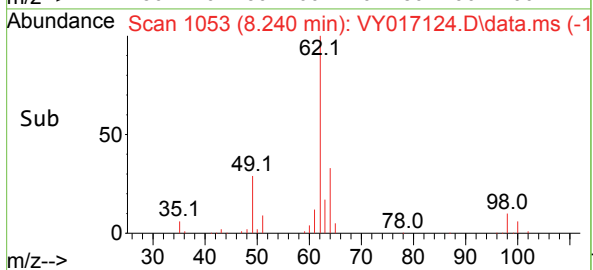
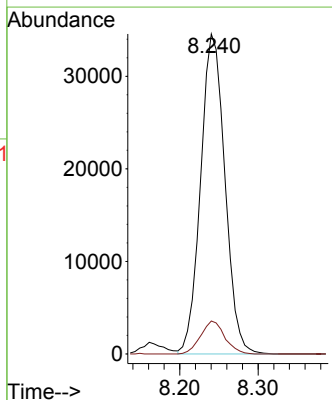
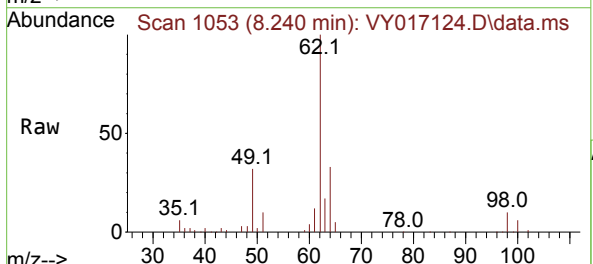
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

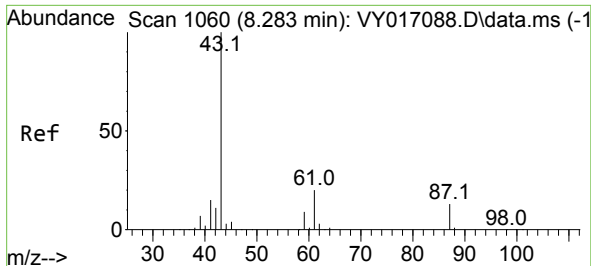
Tgt Ion: 41	Resp: 22272
Ion Ratio	Lower Upper
41 100	
39 57.5	41.9 62.9
67 80.1	59.8 89.6
52 32.0	24.8 37.2



#42
1,2-Dichloroethane
Concen: 51.766 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 62	Resp: 74506
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 20.2

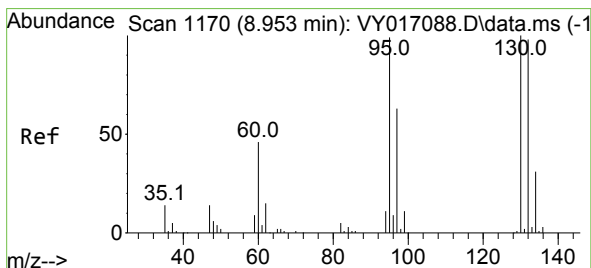
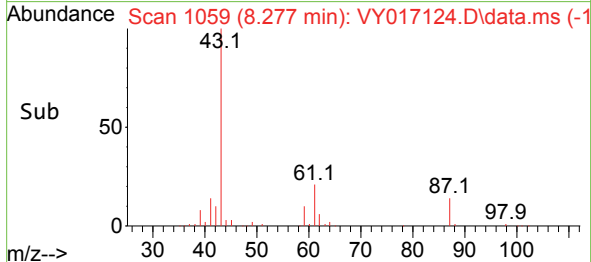
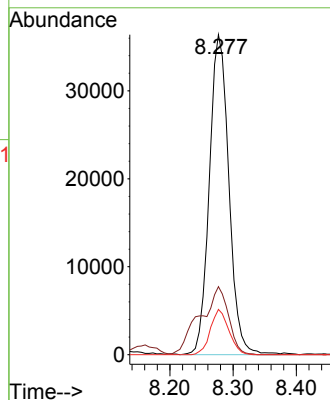
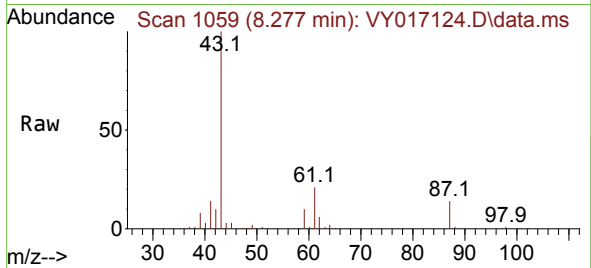




#43
Isopropyl Acetate
Concen: 50.899 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

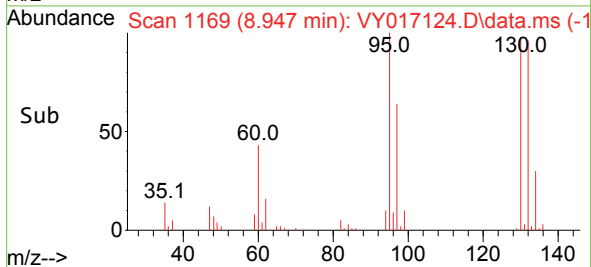
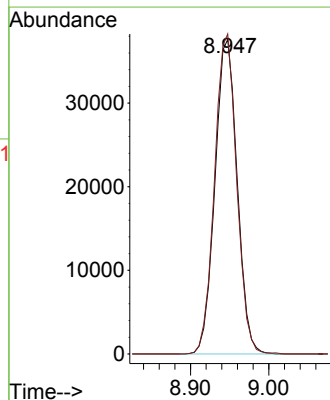
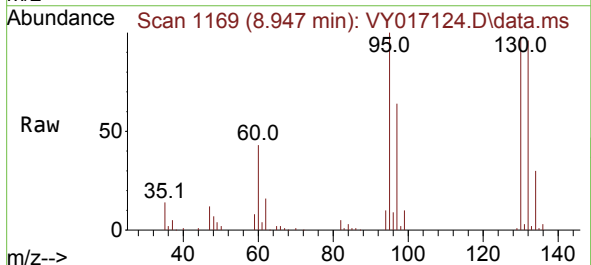
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

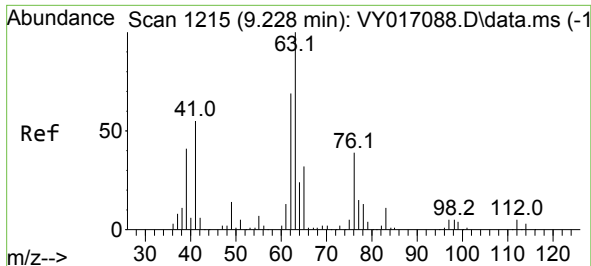
Tgt Ion: 43 Resp: 78105
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 52.082 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion:130 Resp: 74159
Ion Ratio Lower Upper
130 100
95 101.8 0.0 203.8

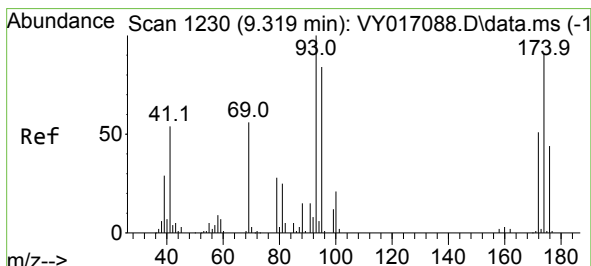
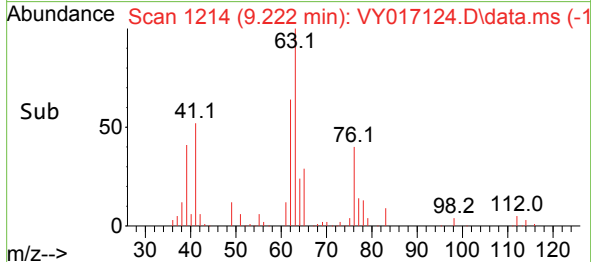
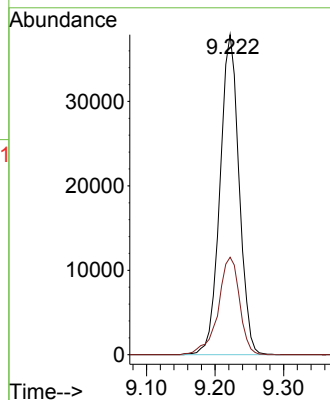
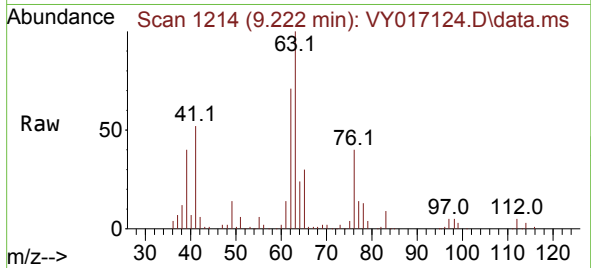




#45
1,2-Dichloropropane
Concen: 53.638 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

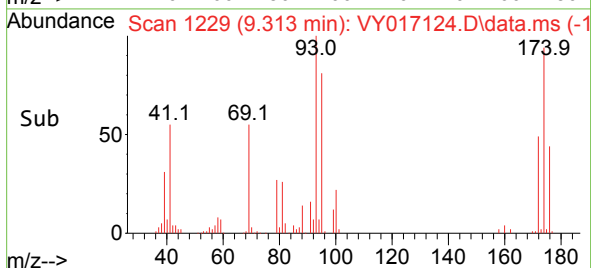
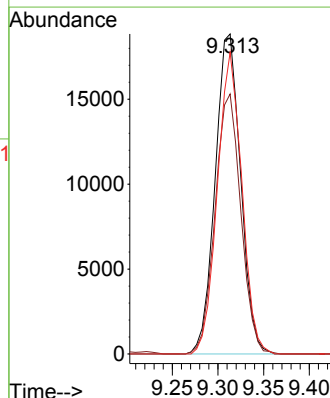
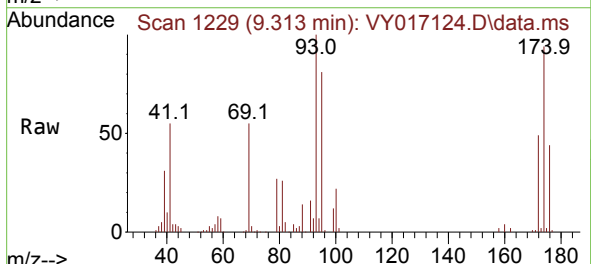
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

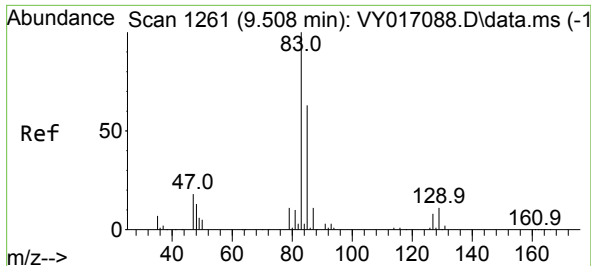
Tgt Ion: 63 Resp: 73088
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8



#46
Dibromomethane
Concen: 50.447 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 93 Resp: 36506
Ion Ratio Lower Upper
93 100
95 82.2 66.6 99.8
174 90.4 73.8 110.6

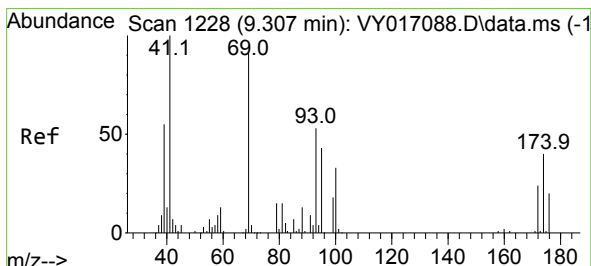
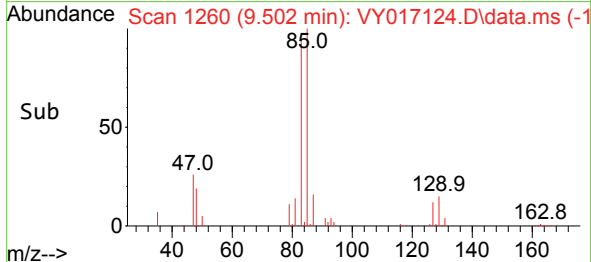
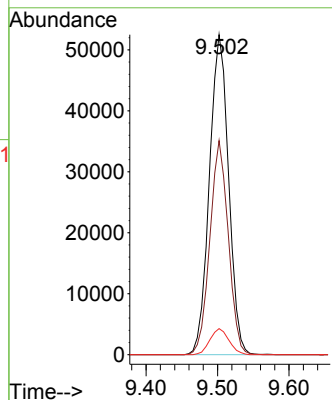
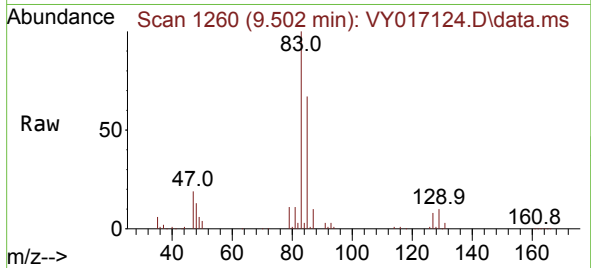




#47
Bromodichloromethane
Concen: 53.065 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

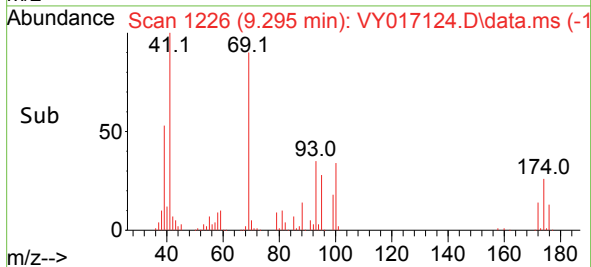
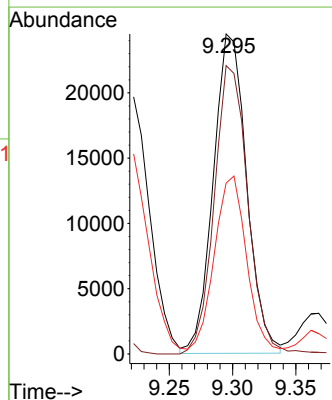
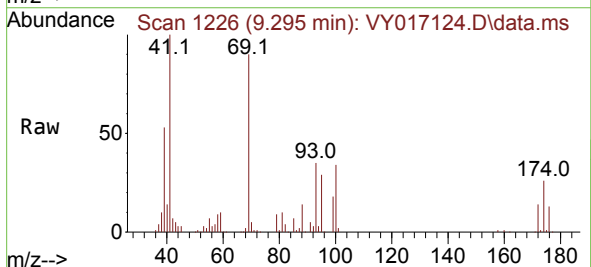
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

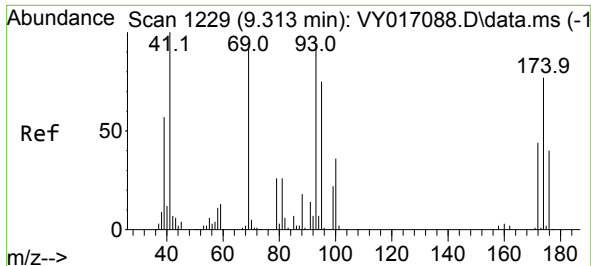
Tgt Ion: 83 Resp: 97694
Ion Ratio Lower Upper
83 100
85 66.9 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 52.786 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 41 Resp: 44974
Ion Ratio Lower Upper
41 100
69 90.8 72.1 108.1
39 51.3 42.8 64.2

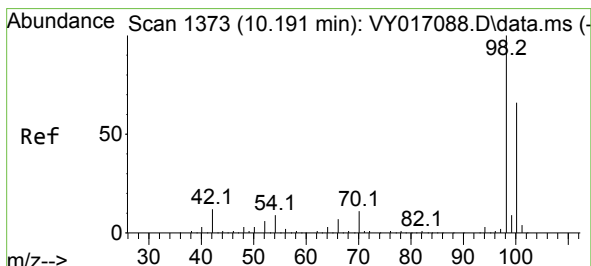
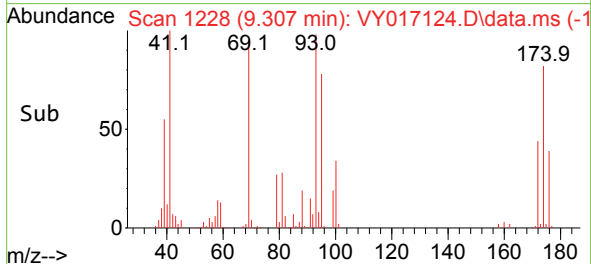
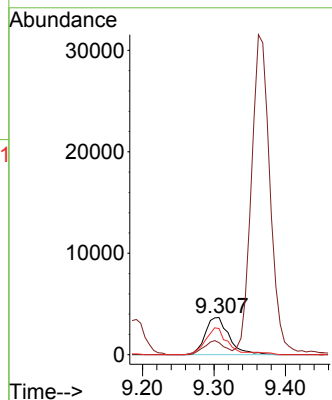
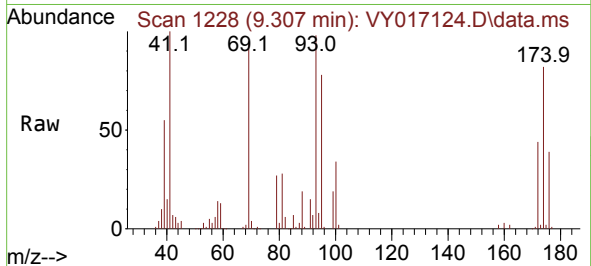




#49
1,4-Dioxane
Concen: 1197.229 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

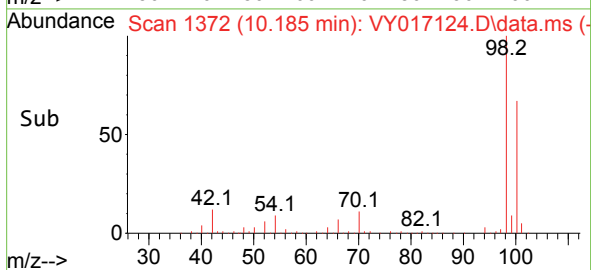
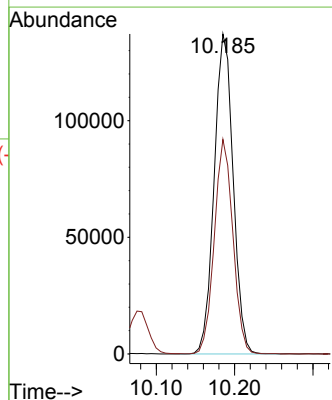
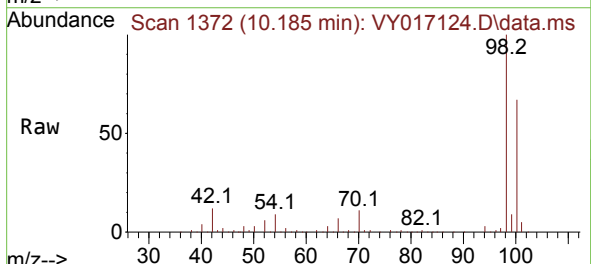
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

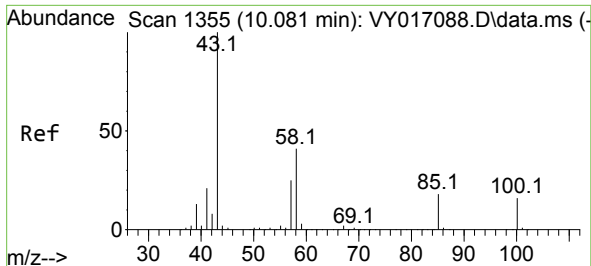
Tgt Ion: 88 Resp: 8521
Ion Ratio Lower Upper
88 100
43 32.3 28.2 42.4
58 64.2 52.2 78.2



#50
Toluene-d8
Concen: 52.649 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 98 Resp: 231041
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 257.051 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

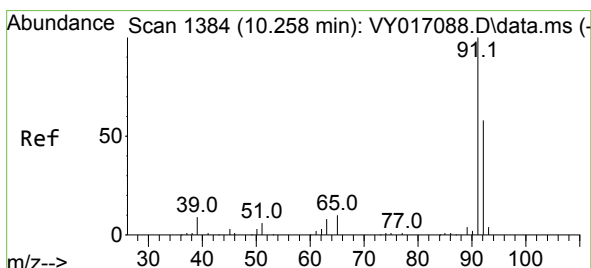
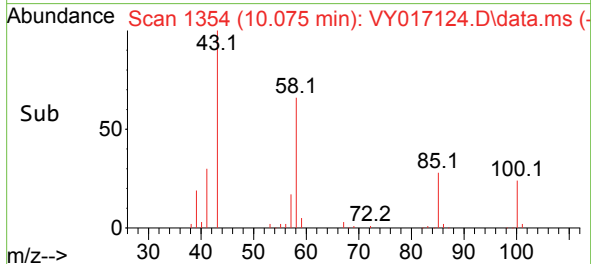
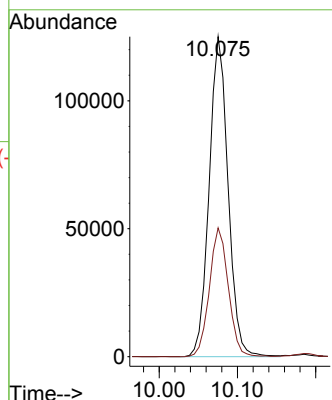
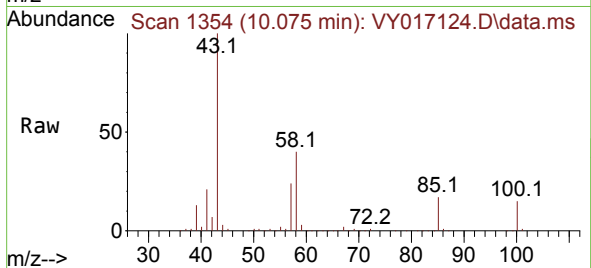
VSTDCCC050EC

Tgt Ion: 43 Resp: 209824

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 54.128 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017124.D

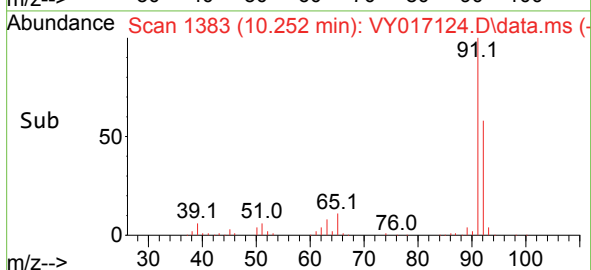
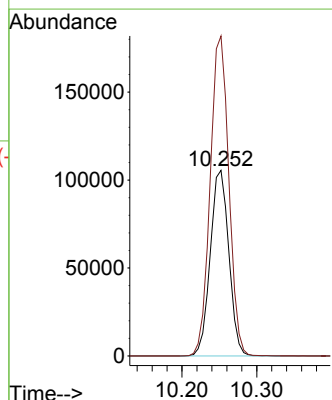
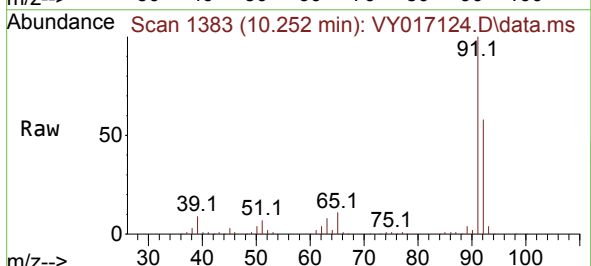
Acq: 26 Jan 2024 16:38

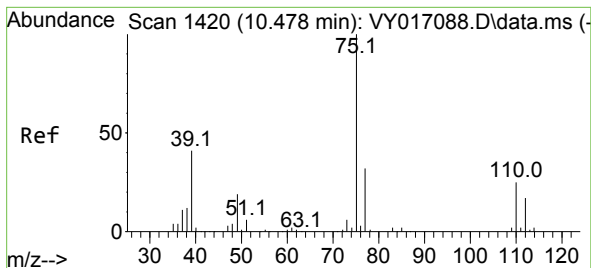
Tgt Ion: 92 Resp: 181879

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4

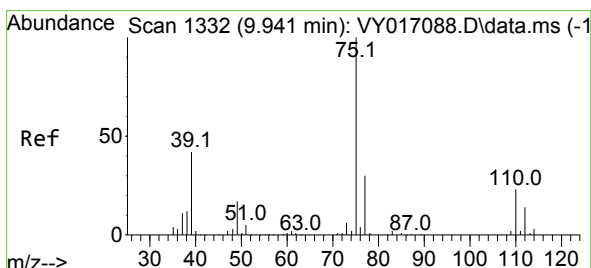
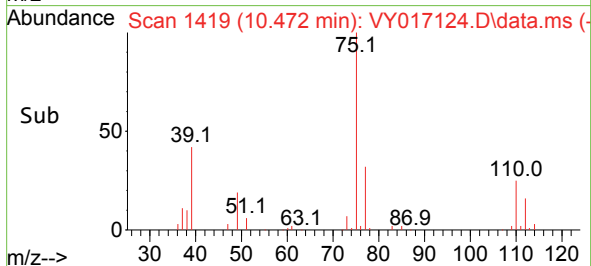
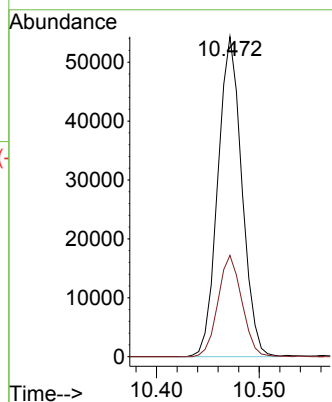
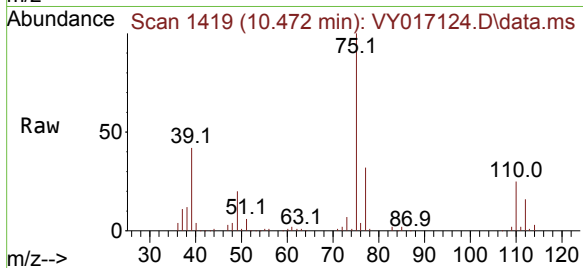




#53
 t-1,3-Dichloropropene
 Concen: 52.384 ug/l
 RT: 10.472 min Scan# 1419
 Delta R.T. 0.001 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

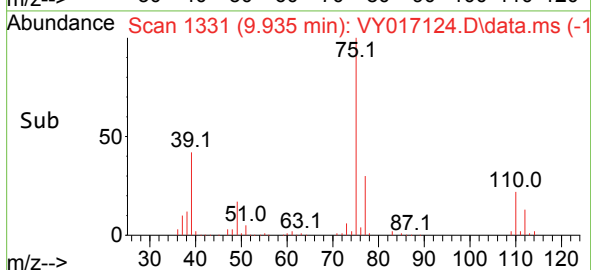
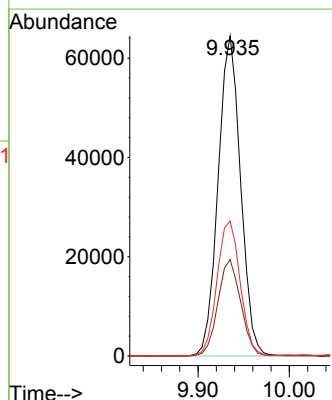
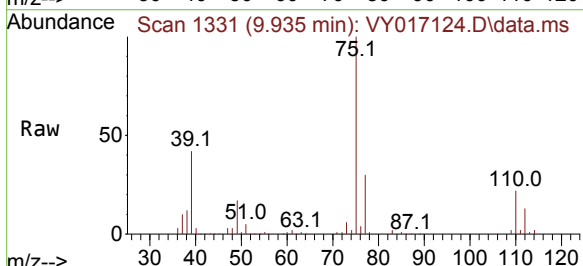
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

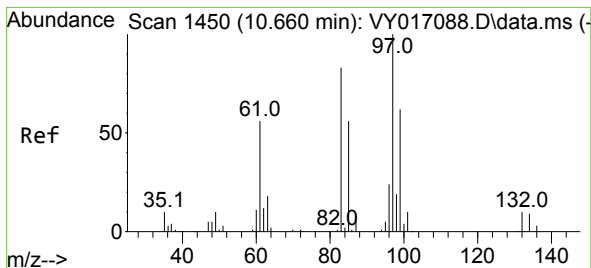
Tgt Ion: 75 Resp: 88100
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.257 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

Tgt Ion: 75 Resp: 110161
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 36.8
 39 42.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 51.086 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 51669

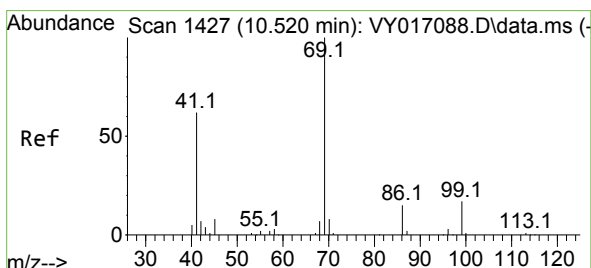
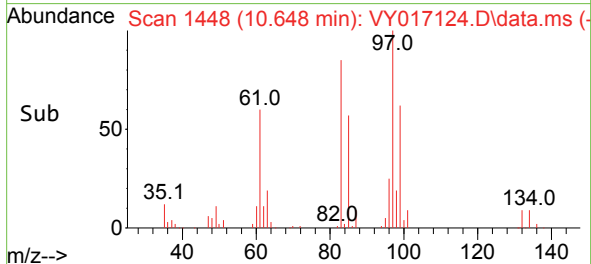
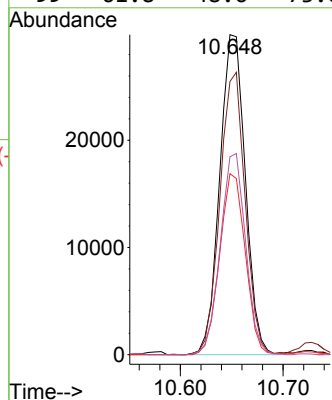
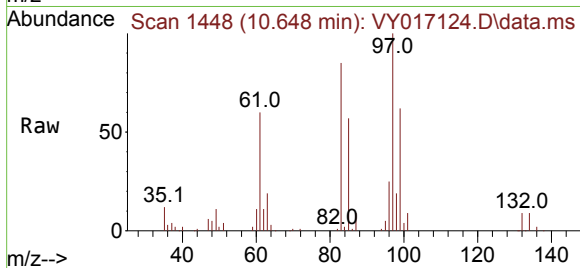
Ion Ratio Lower Upper

97 100

83 85.3 69.4 104.2

85 56.5 43.9 65.9

99 61.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 53.245 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

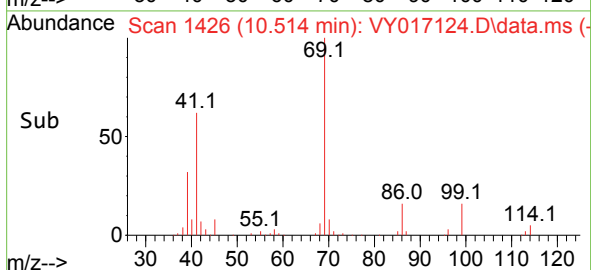
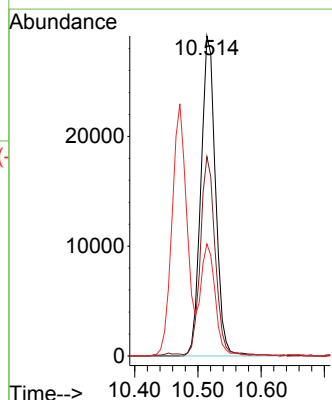
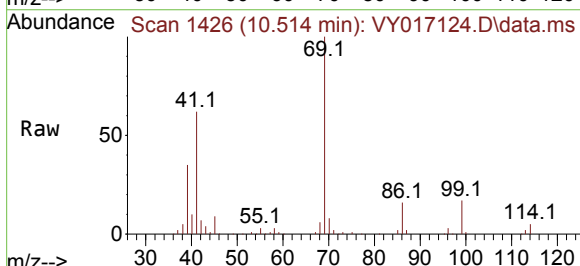
Tgt Ion: 69 Resp: 47093

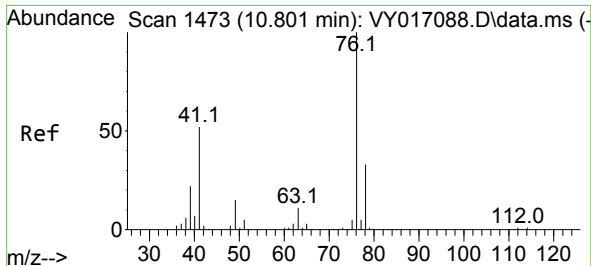
Ion Ratio Lower Upper

69 100

41 62.0 49.2 73.8

39 33.6 26.8 40.2

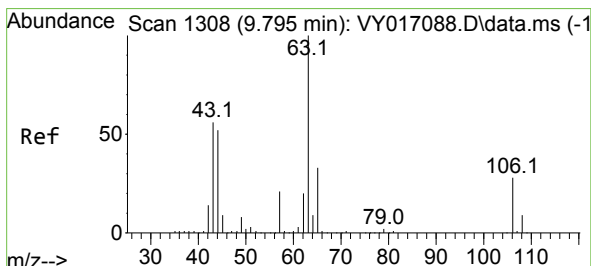
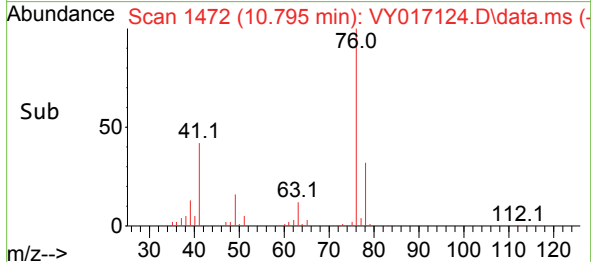
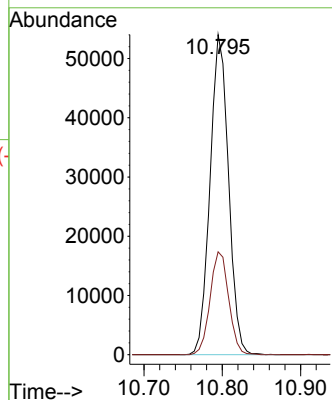
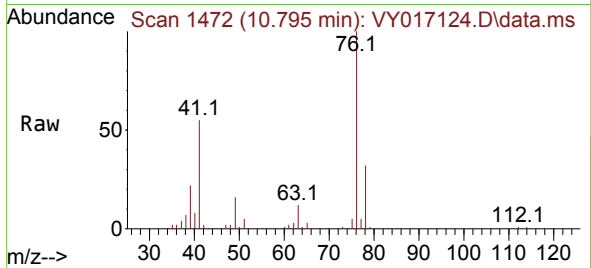




#57
1,3-Dichloropropane
Concen: 51.720 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.005 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

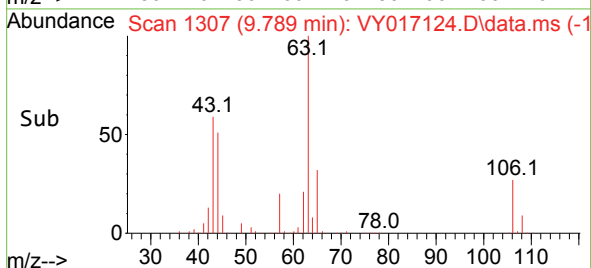
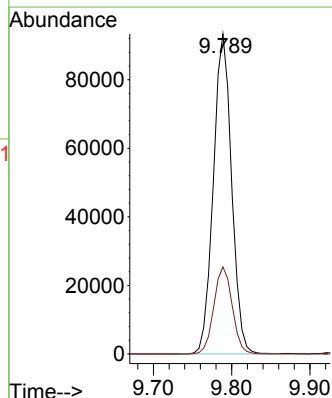
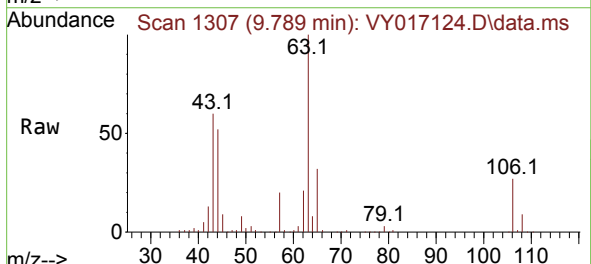
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

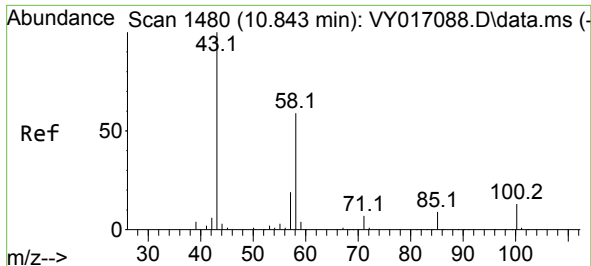
Tgt Ion: 76 Resp: 88439
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 246.058 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.001 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 63 Resp: 151066
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6





#59

2-Hexanone

Concen: 238.286 ug/l

RT: 10.837 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

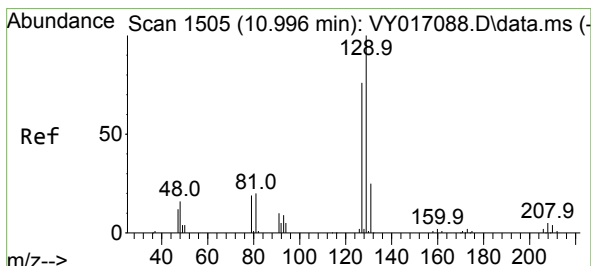
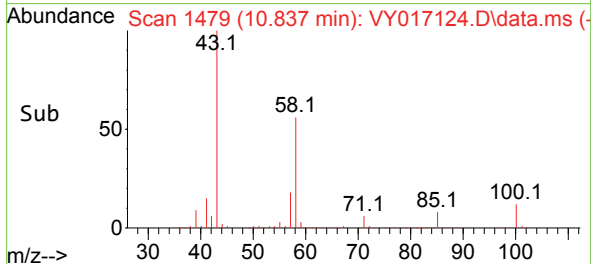
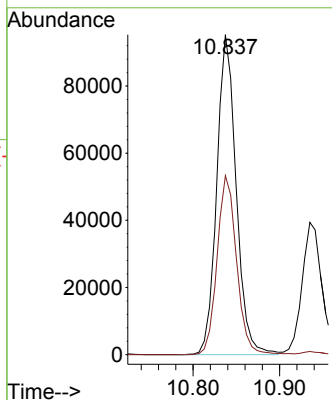
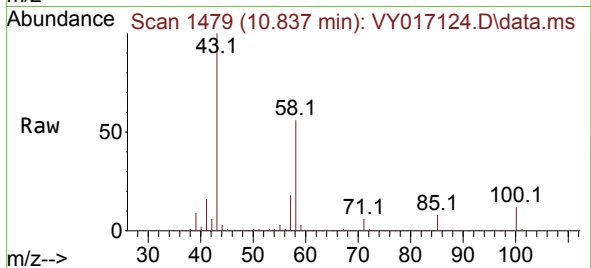
VSTDCCC050EC

Tgt Ion: 43 Resp: 148391

Ion Ratio Lower Upper

43 100

58 56.2 28.1 84.3



#60

Dibromochloromethane

Concen: 52.162 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. -0.006 min

Lab File: VY017124.D

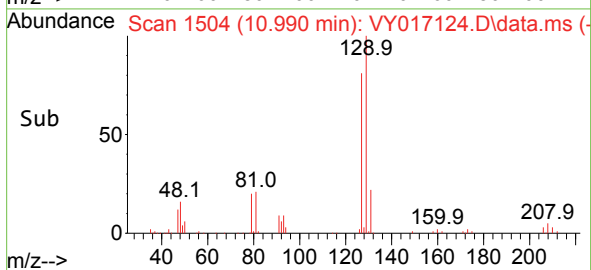
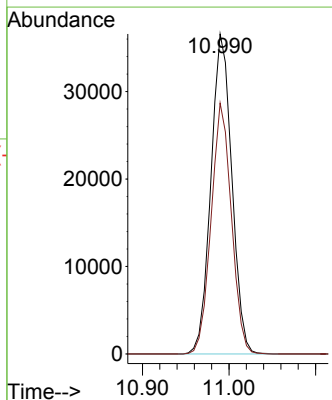
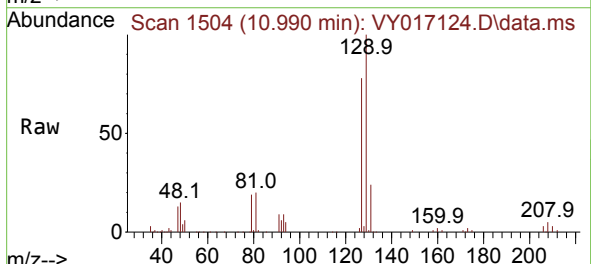
Acq: 26 Jan 2024 16:38

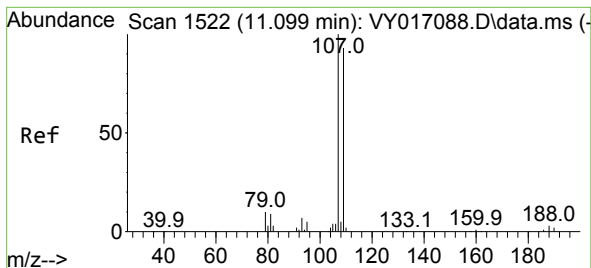
Tgt Ion:129 Resp: 61293

Ion Ratio Lower Upper

129 100

127 75.9 39.2 117.6

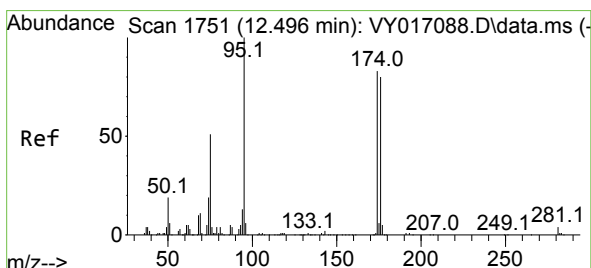
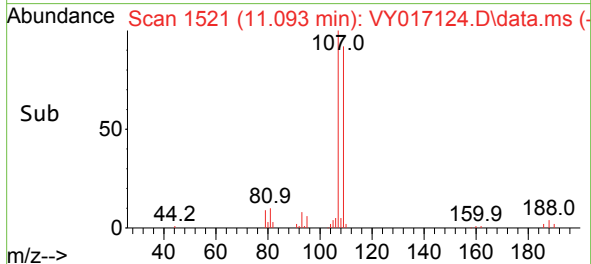
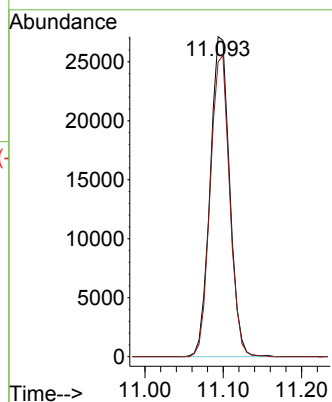
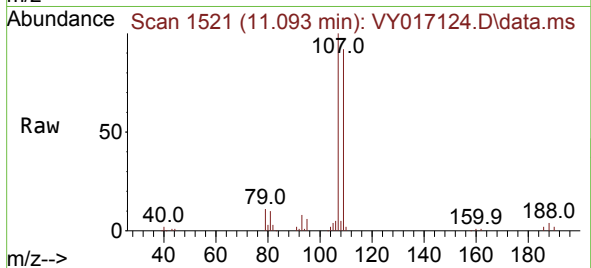




#61
1,2-Dibromoethane
Concen: 50.966 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

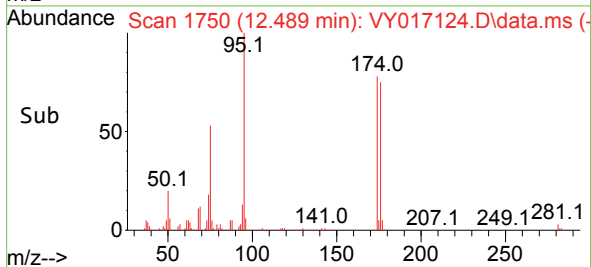
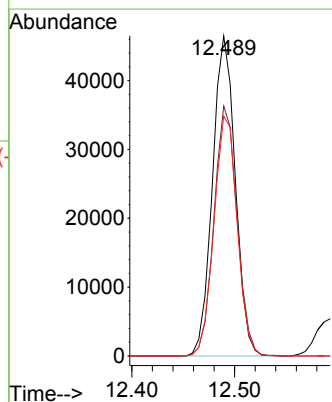
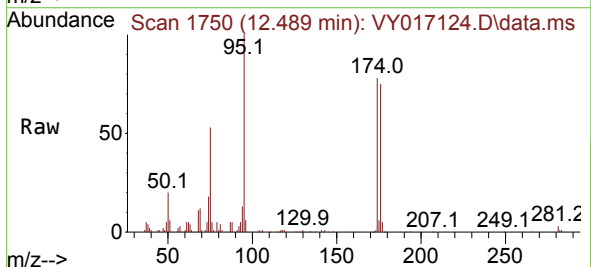
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

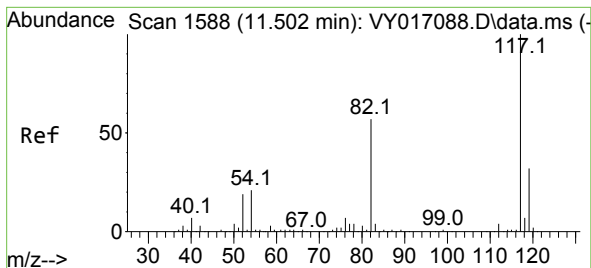
Tgt Ion:107 Resp: 46827
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.862 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 95 Resp: 71462
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 76.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

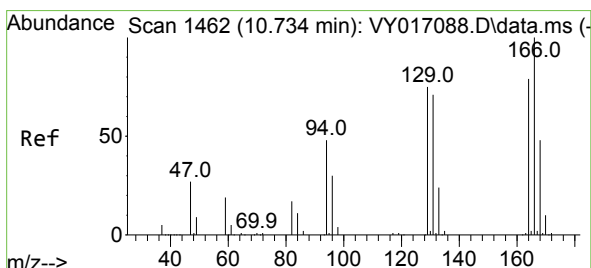
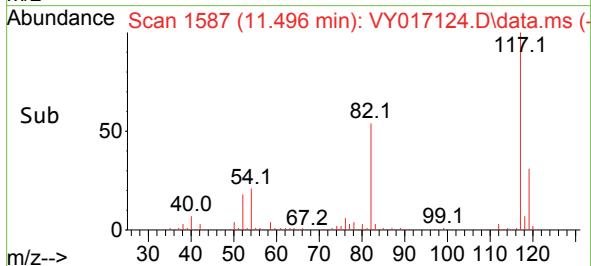
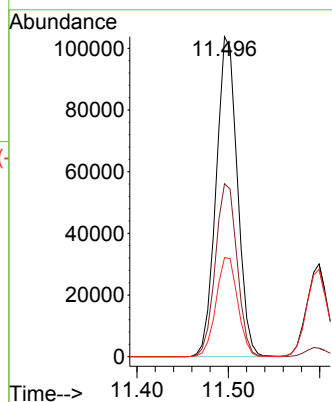
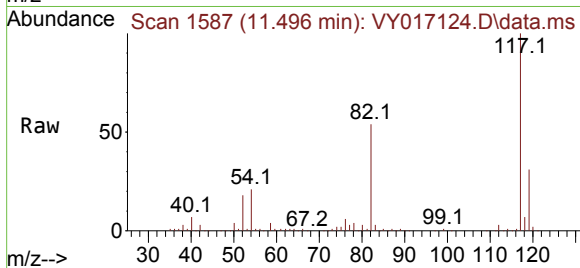
Tgt Ion:117 Resp: 167763

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 30.9 26.5 39.7



#64

Tetrachloroethene

Concen: 51.321 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.001 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Tgt Ion:164 Resp: 60012

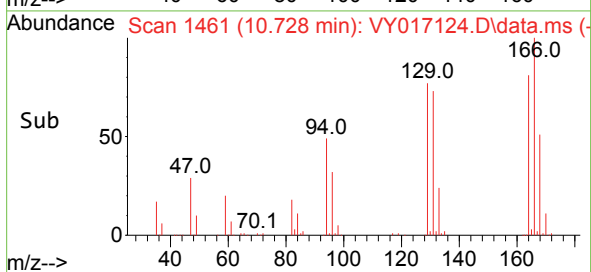
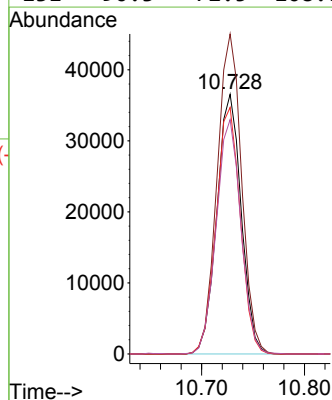
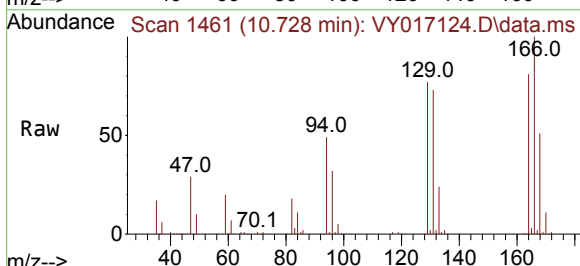
Ion Ratio Lower Upper

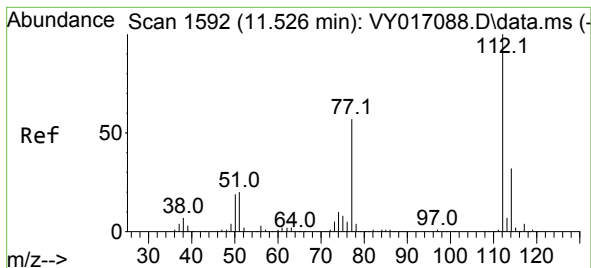
164 100

166 123.2 98.8 148.2

129 94.9 78.9 118.3

131 90.3 72.5 108.7





#65

Chlorobenzene

Concen: 51.773 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

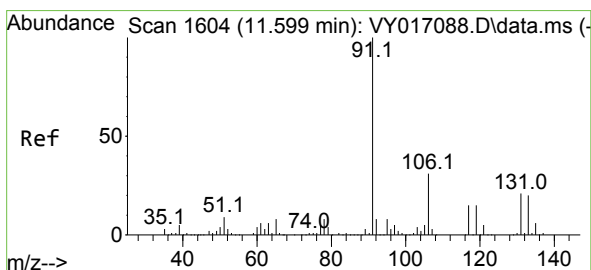
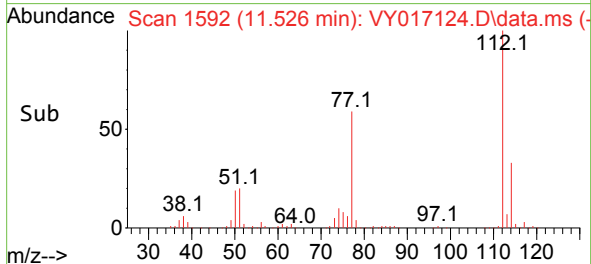
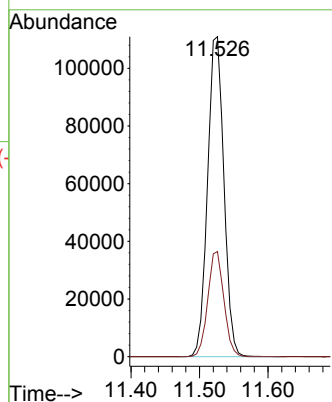
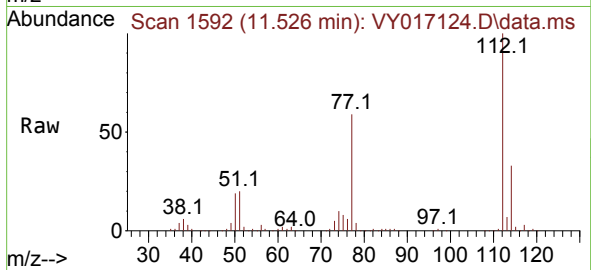
VSTDCCC050EC

Tgt Ion:112 Resp: 184059

Ion Ratio Lower Upper

112 100

114 32.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 52.122 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

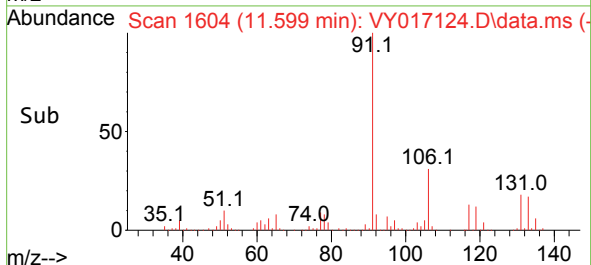
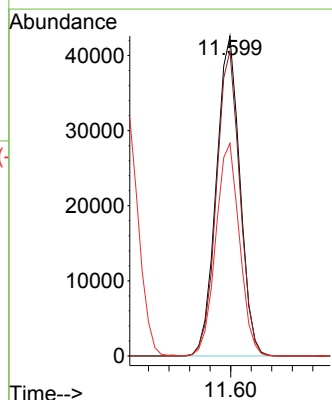
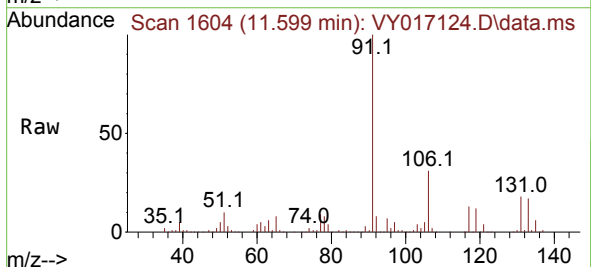
Tgt Ion:131 Resp: 67685

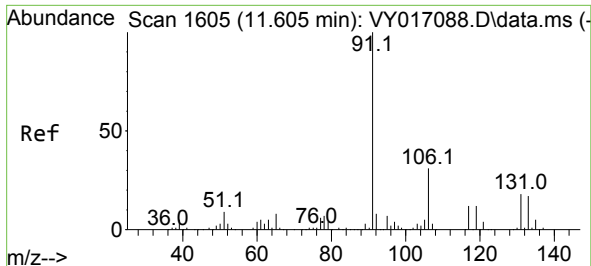
Ion Ratio Lower Upper

131 100

133 94.6 47.0 141.0

119 67.1 33.3 99.9

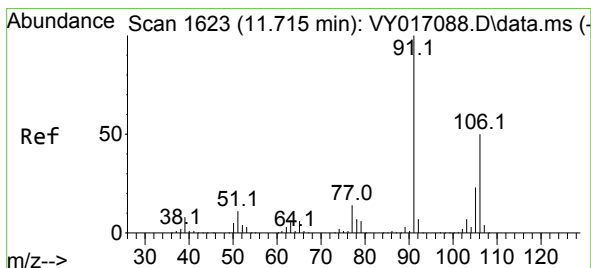
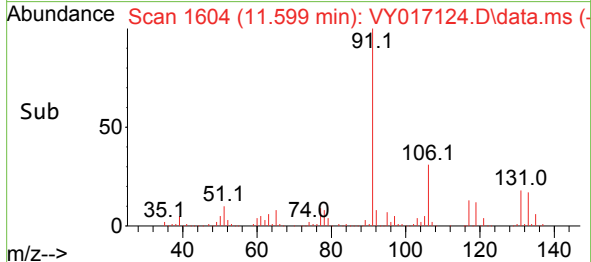
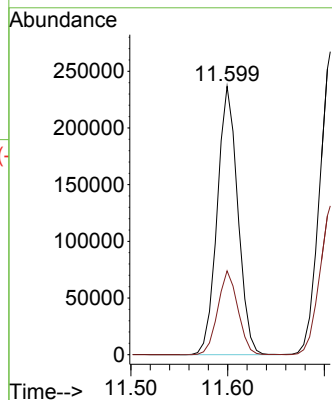
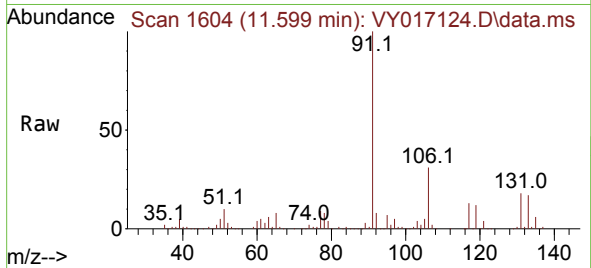




#67
Ethyl Benzene
Concen: 54.063 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

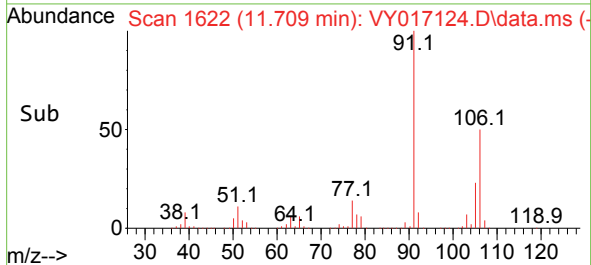
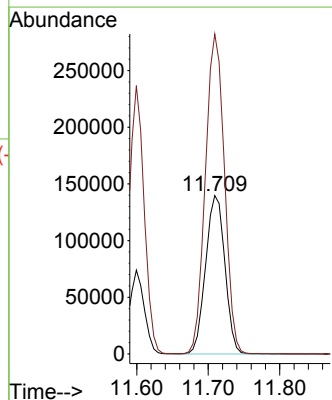
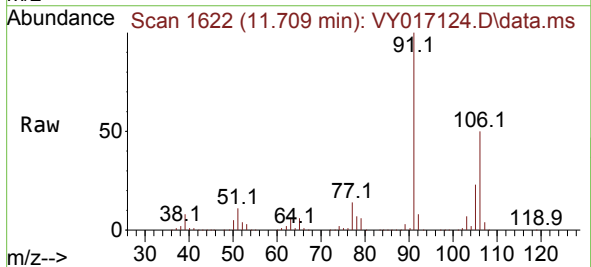
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

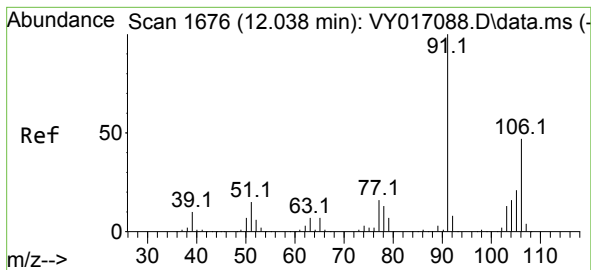
Tgt Ion: 91 Resp: 349407
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 107.772 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 106 Resp: 261694
Ion Ratio Lower Upper
106 100
91 200.0 160.7 241.1





#69

o-Xylene

Concen: 54.572 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

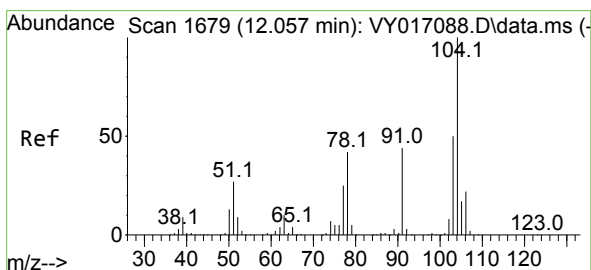
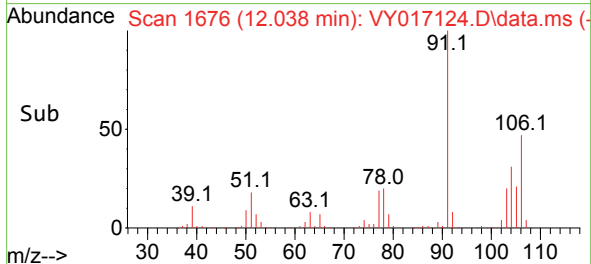
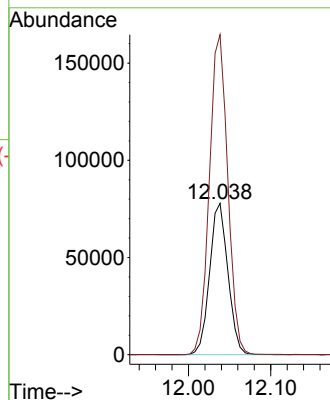
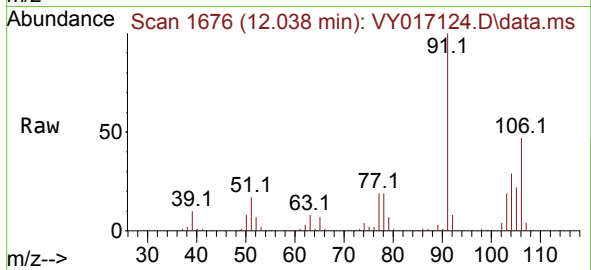
VSTDCCC050EC

Tgt Ion:106 Resp: 120369

Ion Ratio Lower Upper

106 100

91 212.5 106.5 319.5



#70

Styrene

Concen: 55.605 ug/l

RT: 12.051 min Scan# 1678

Delta R.T. 0.001 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

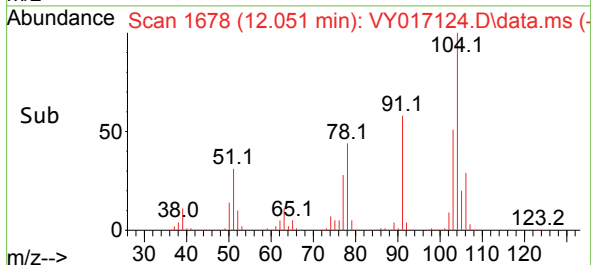
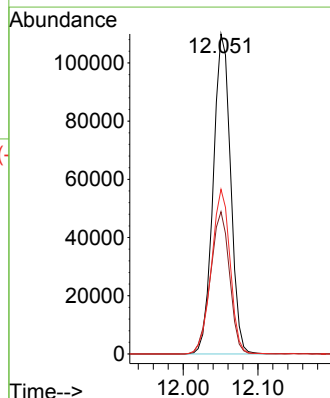
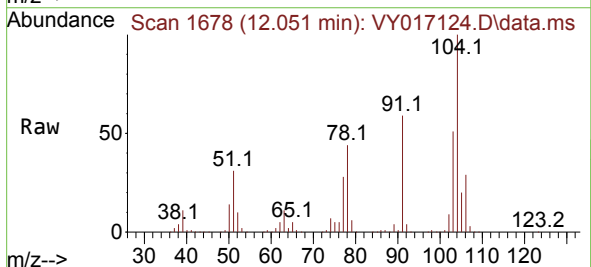
Tgt Ion:104 Resp: 178053

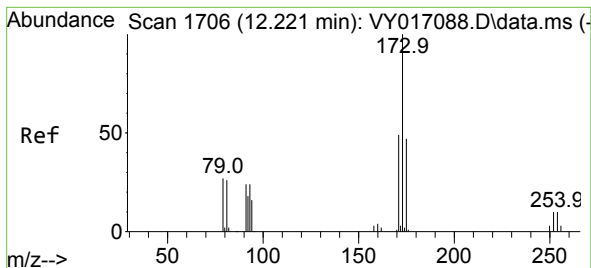
Ion Ratio Lower Upper

104 100

78 48.9 39.2 58.8

103 55.2 43.8 65.6





#71

Bromoform

Concen: 49.921 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

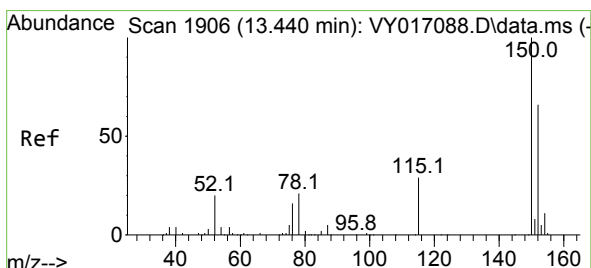
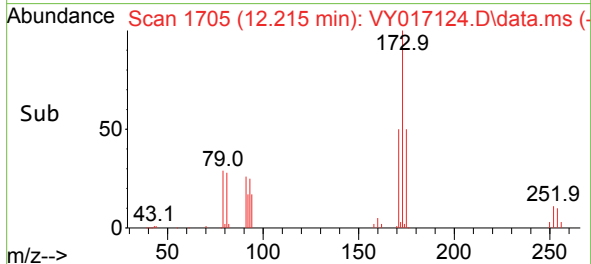
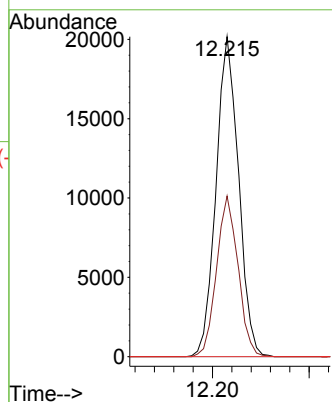
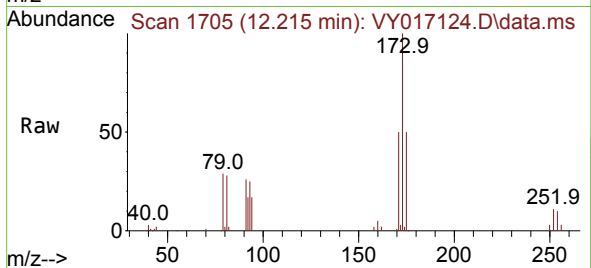
Tgt Ion:173 Resp: 32506

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

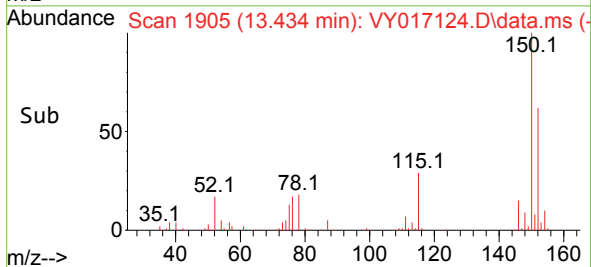
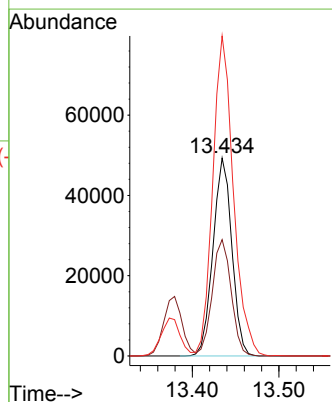
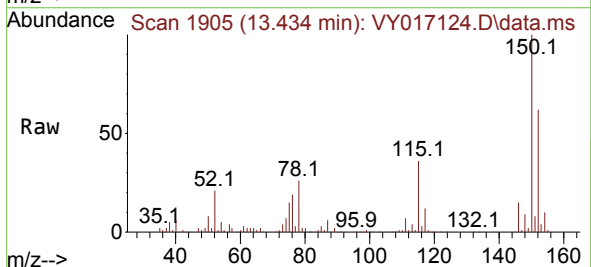
Tgt Ion:152 Resp: 74655

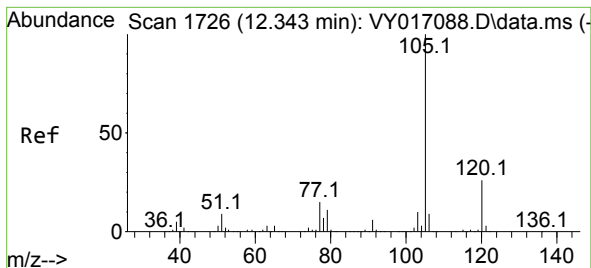
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 176.8 0.0 344.6





#73

Isopropylbenzene

Concen: 54.040 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

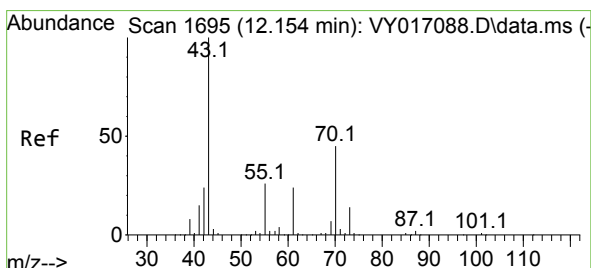
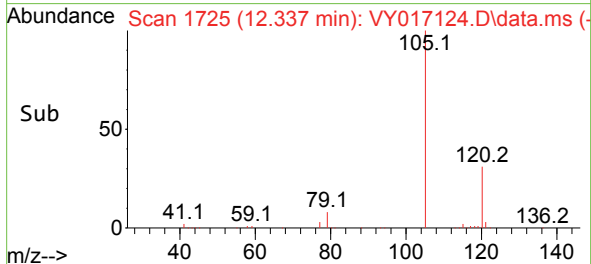
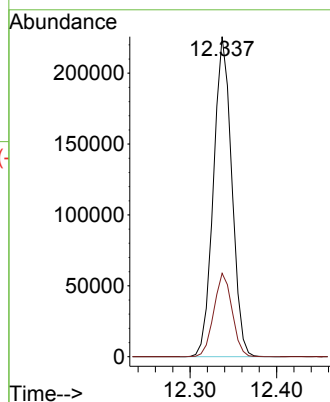
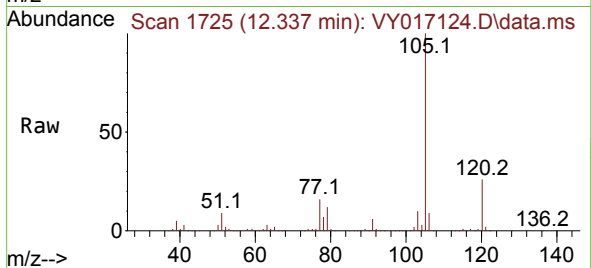
VSTDCCC050EC

Tgt Ion:105 Resp: 331655

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 50.948 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Tgt Ion: 43 Resp: 63025

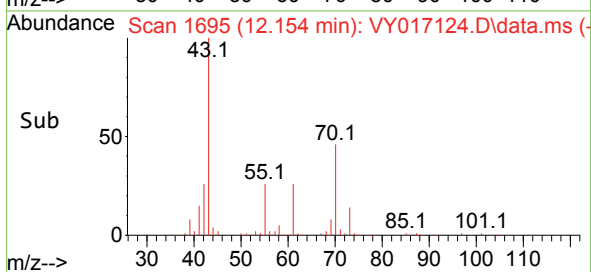
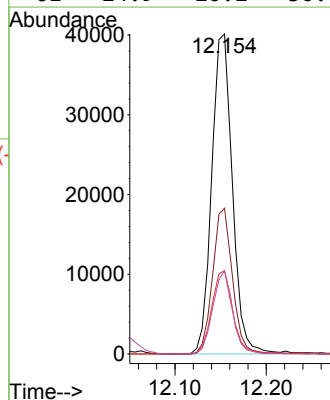
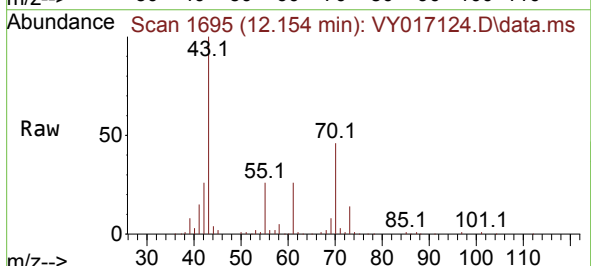
Ion Ratio Lower Upper

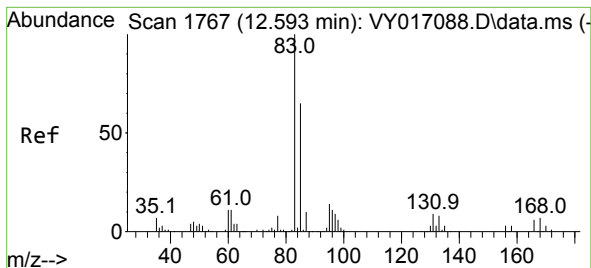
43 100

70 44.1 36.6 55.0

55 26.4 22.2 33.4

61 24.9 20.2 30.4

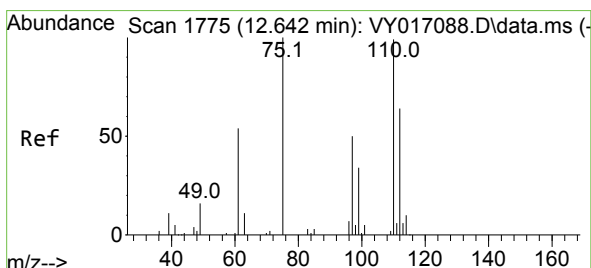
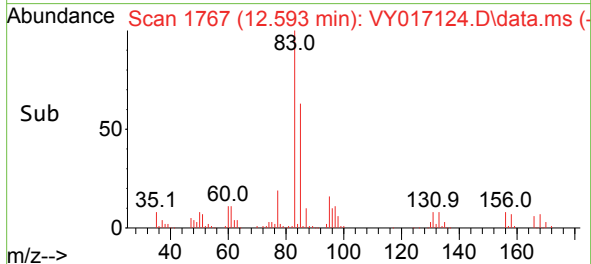
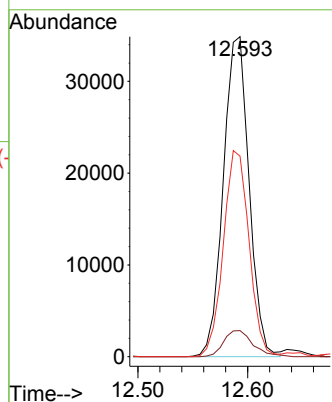
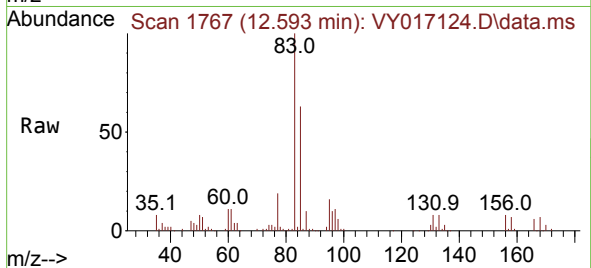




#75
1,1,2,2-Tetrachloroethane
Concen: 48.610 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

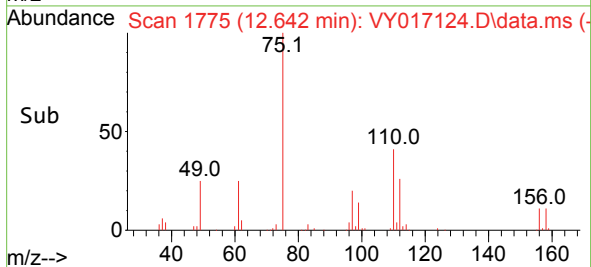
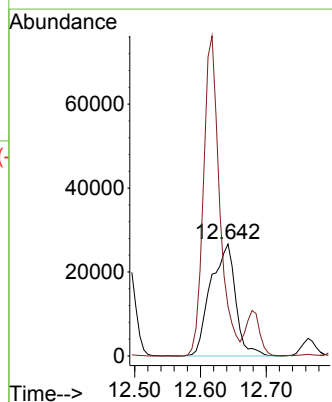
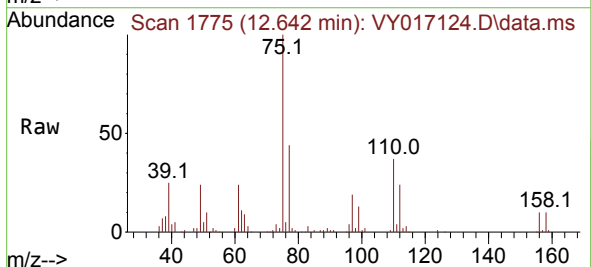
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

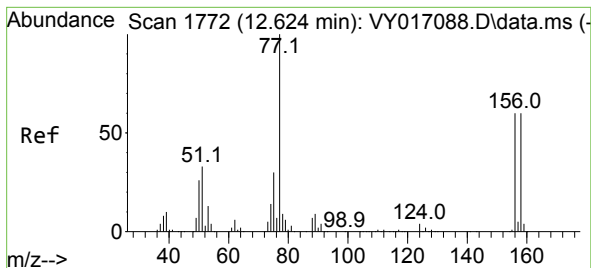
Tgt Ion: 83 Resp: 56888
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 64.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 77.749 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 75 Resp: 70453
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.234 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

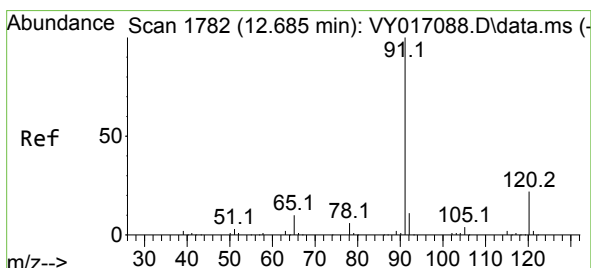
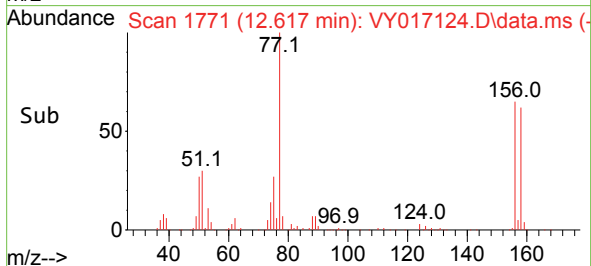
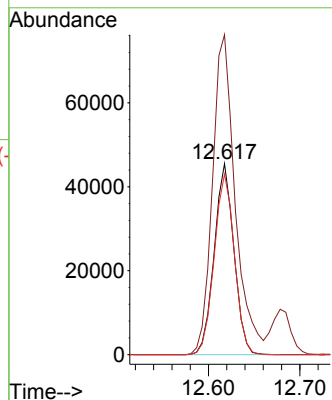
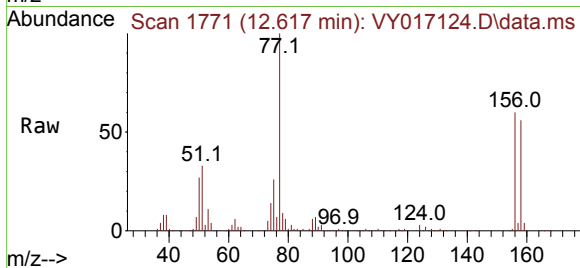
Tgt Ion:156 Resp: 68037

Ion Ratio Lower Upper

156 100

77 193.1 97.3 291.8

158 97.1 48.4 145.0



#78

n-propylbenzene

Concen: 54.964 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017124.D

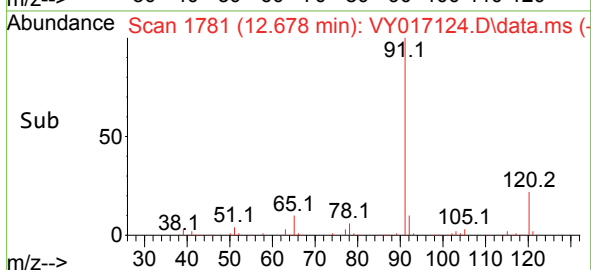
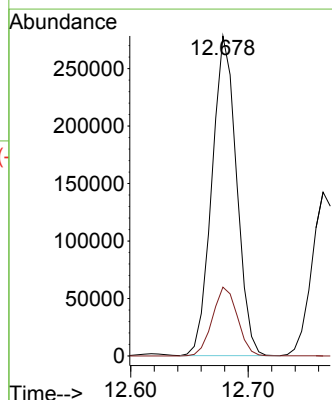
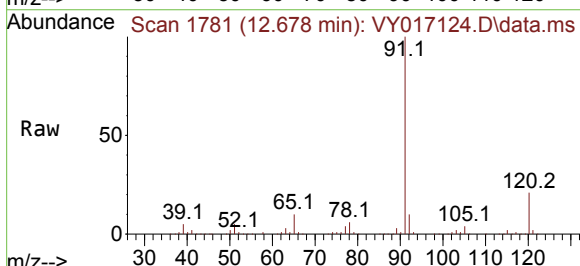
Acq: 26 Jan 2024 16:38

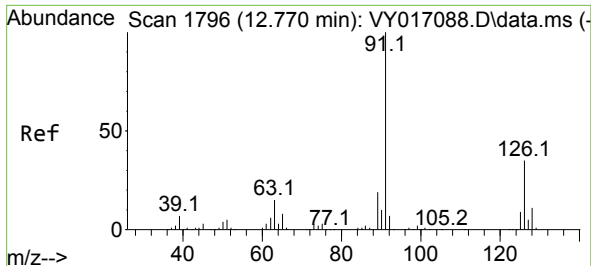
Tgt Ion: 91 Resp: 405727

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 53.584 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

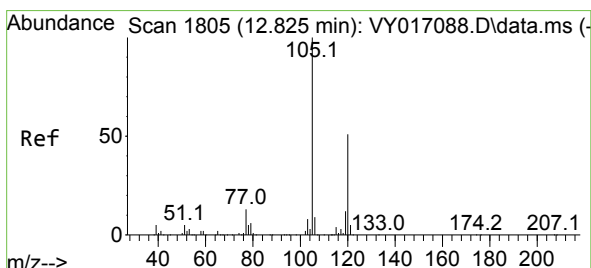
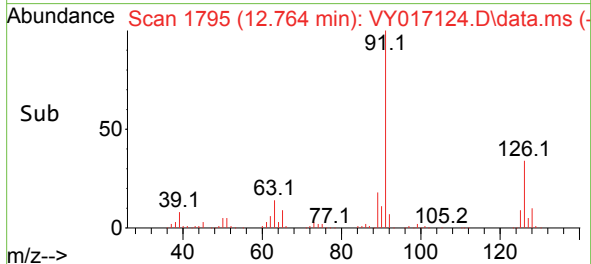
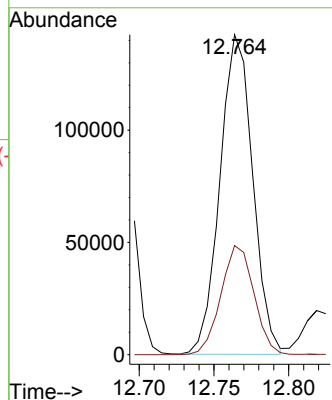
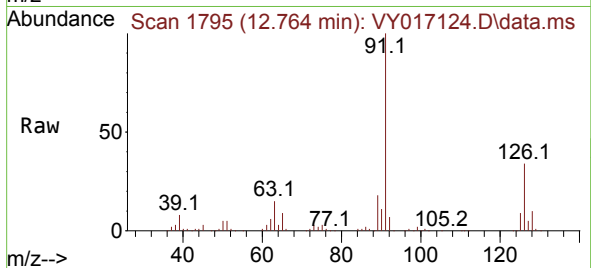
VSTDCCC050EC

Tgt Ion: 91 Resp: 217055

Ion Ratio Lower Upper

91 100

126 34.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 54.711 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.001 min

Lab File: VY017124.D

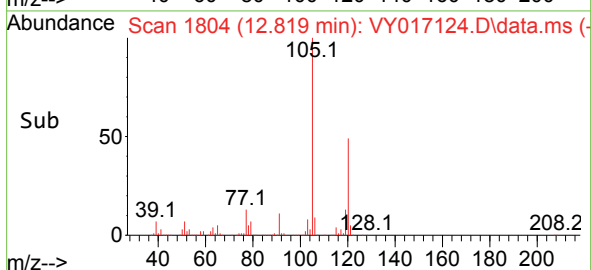
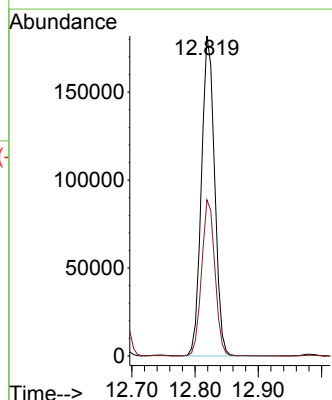
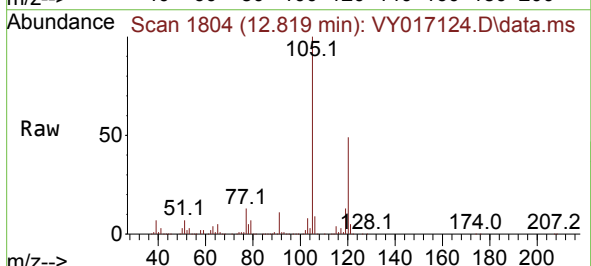
Acq: 26 Jan 2024 16:38

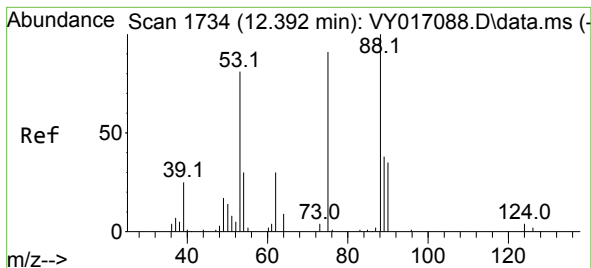
Tgt Ion:105 Resp: 265744

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

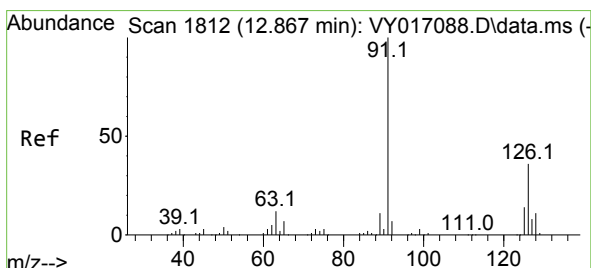
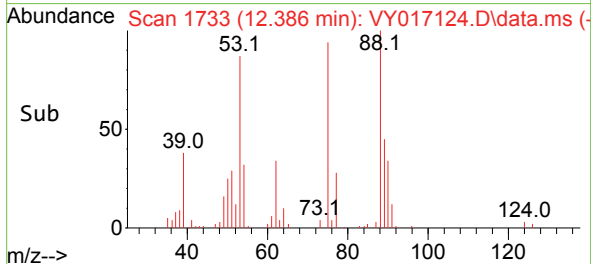
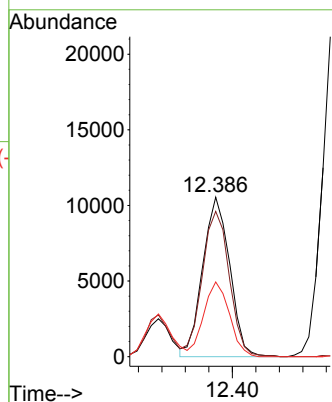
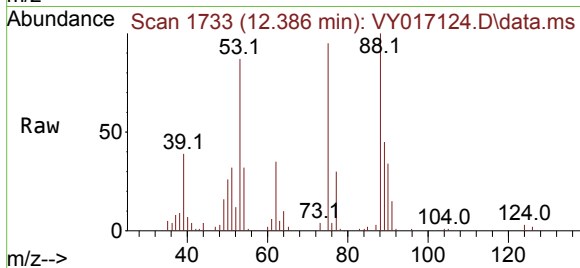




#81
trans-1,4-Dichloro-2-butene
Concen: 48.151 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

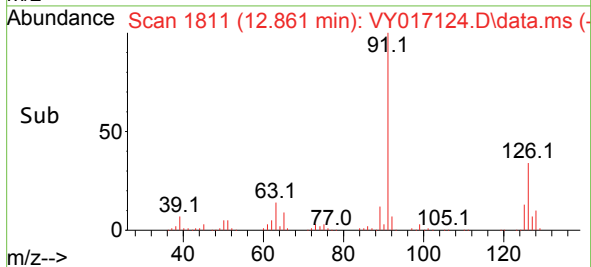
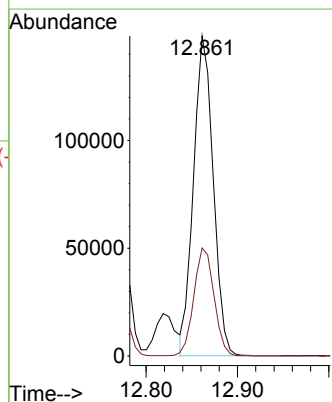
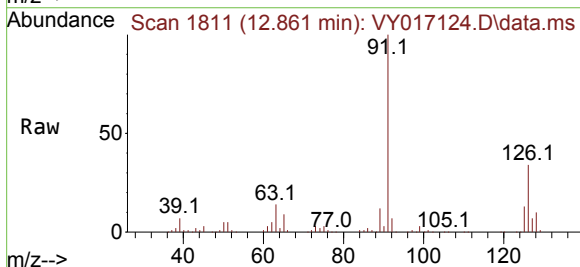
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

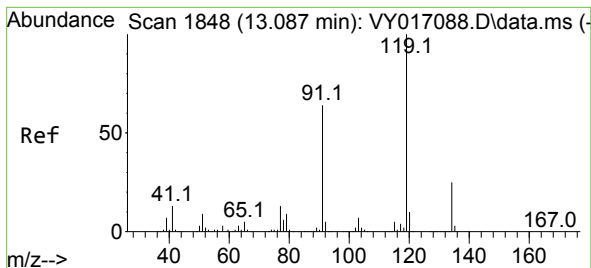
Tgt Ion:	75	Resp:	16854
Ion	Ratio	Lower	Upper
75	100		
53	91.8	74.0	111.0
89	44.5	36.5	54.7



#82
4-Chlorotoluene
Concen: 53.018 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion:	91	Resp:	222579
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.1	51.2





#83

tert-Butylbenzene

Concen: 53.367 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

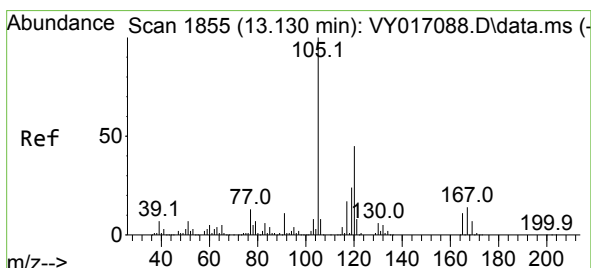
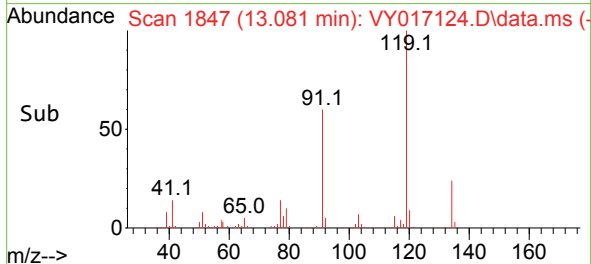
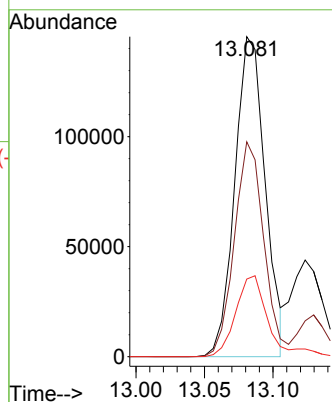
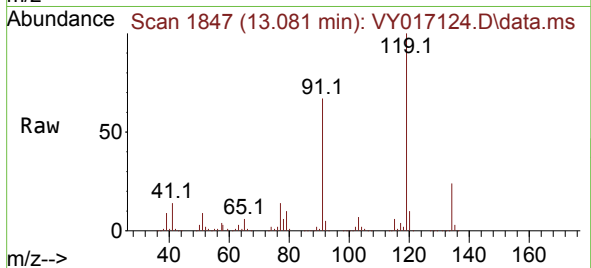
Tgt Ion:119 Resp: 224214

Ion Ratio Lower Upper

119 100

91 65.5 31.5 94.5

134 27.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.327 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.001 min

Lab File: VY017124.D

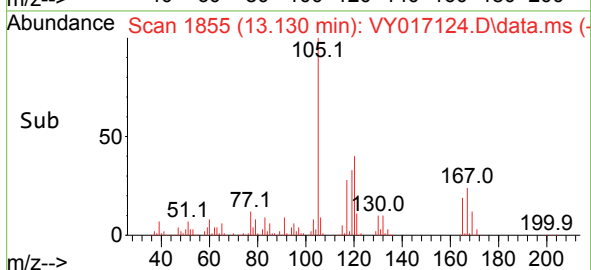
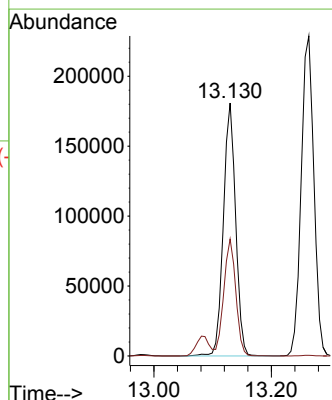
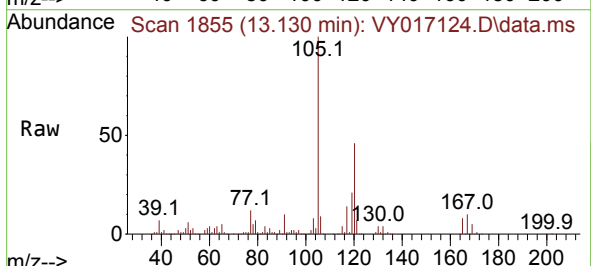
Acq: 26 Jan 2024 16:38

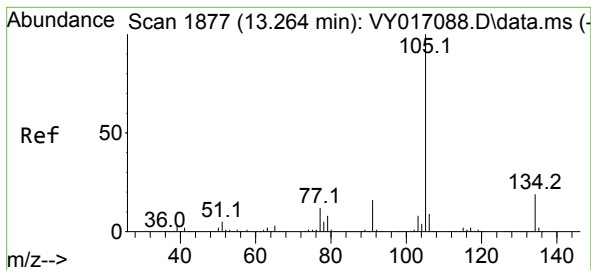
Tgt Ion:105 Resp: 262269

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 55.011 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

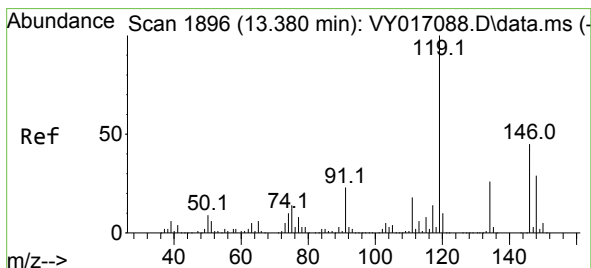
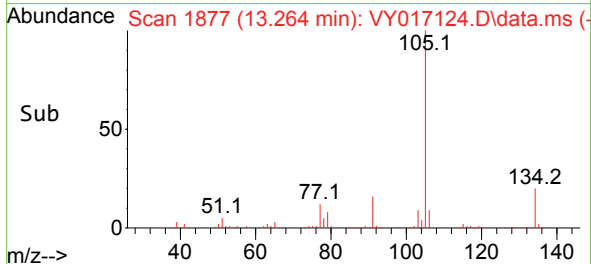
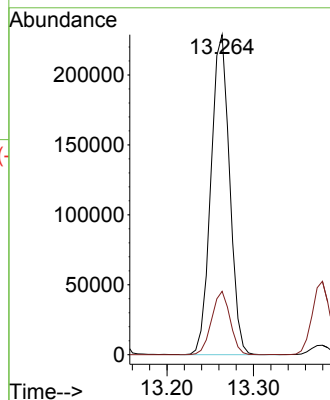
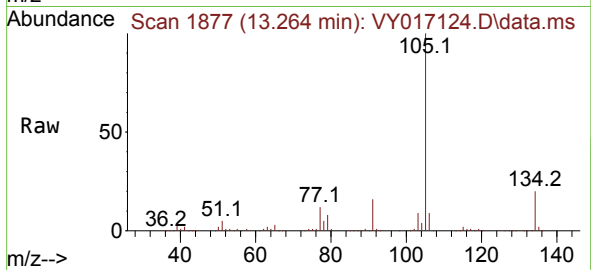
VSTDCCC050EC

Tgt Ion:105 Resp: 342222

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 55.511 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.001 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

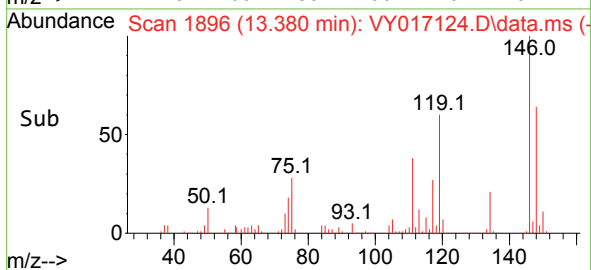
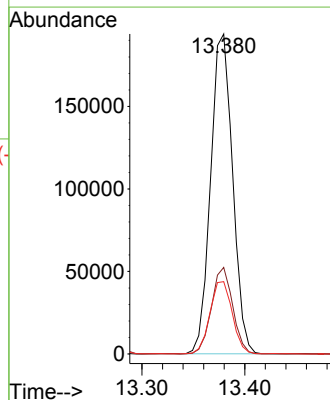
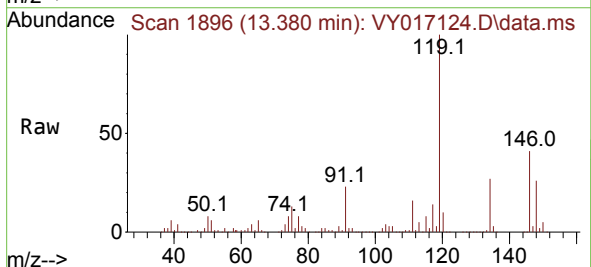
Tgt Ion:119 Resp: 287657

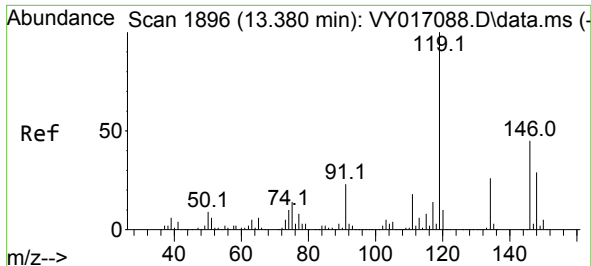
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.9 11.7 35.0

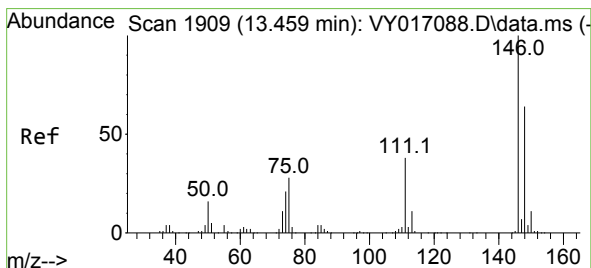
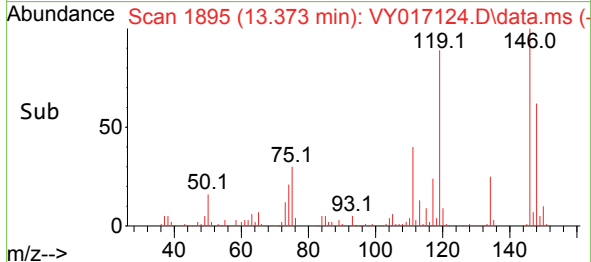
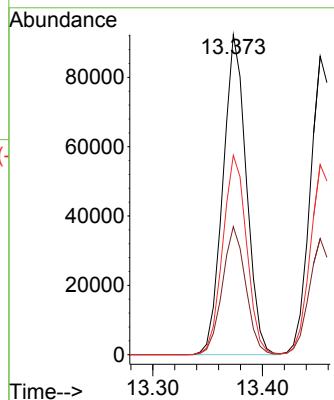
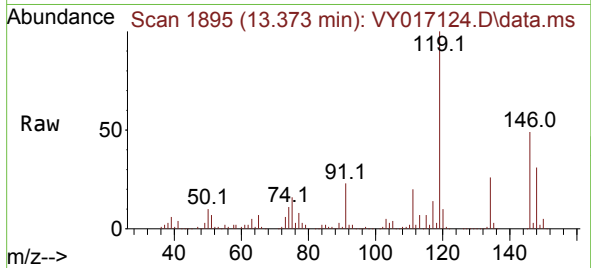




#87
 1,3-Dichlorobenzene
 Concen: 52.281 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

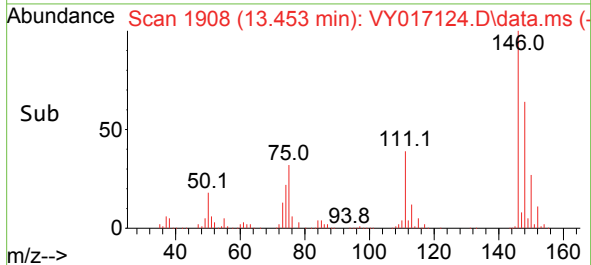
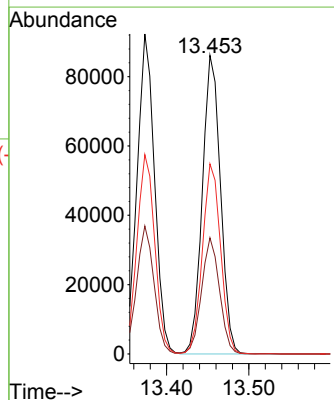
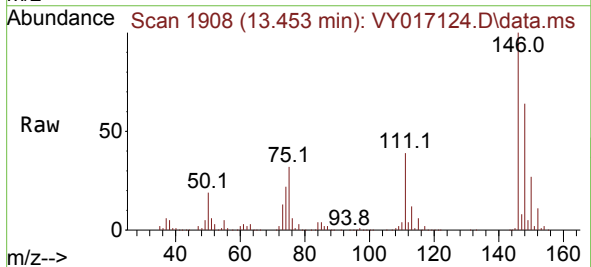
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

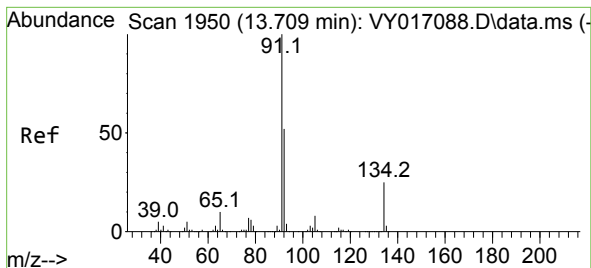
Tgt Ion:146 Resp: 137074
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.2 60.5
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.249 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.001 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

Tgt Ion:146 Resp: 132205
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 56.056 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. 0.001 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

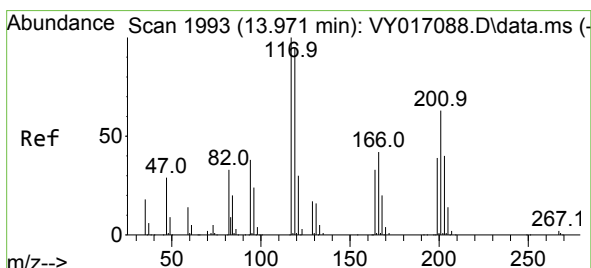
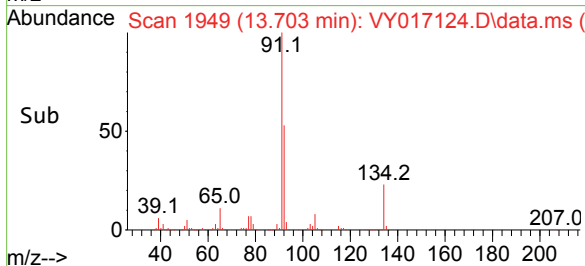
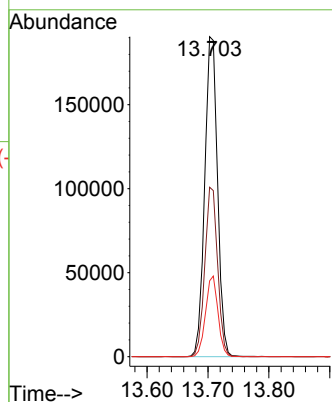
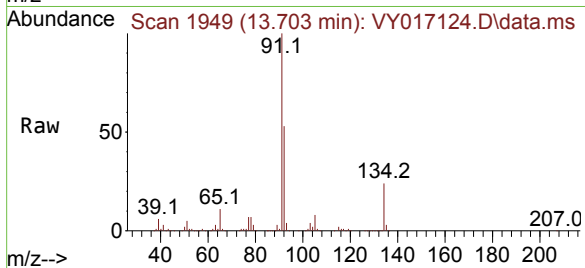
Tgt Ion: 91 Resp: 280185

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 53.422 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017124.D

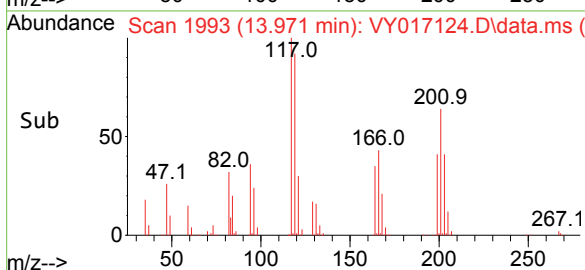
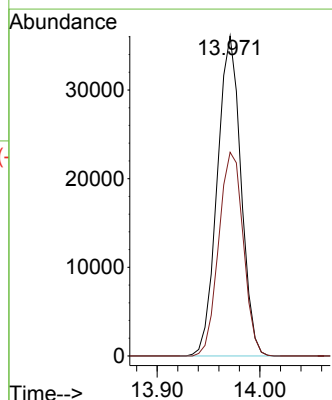
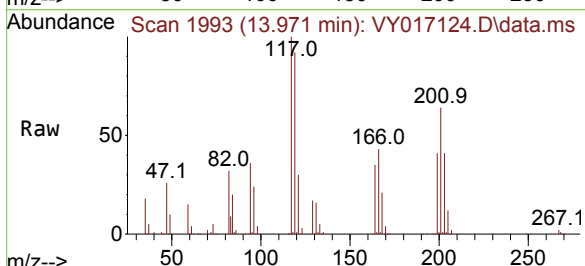
Acq: 26 Jan 2024 16:38

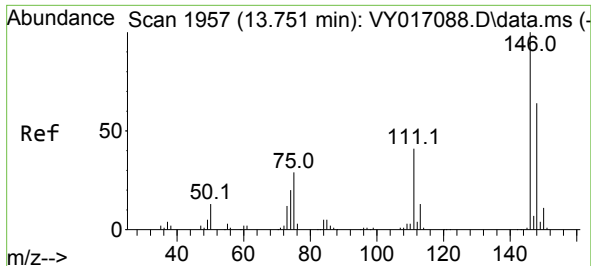
Tgt Ion: 117 Resp: 57699

Ion Ratio Lower Upper

117 100

201 66.0 33.4 100.1

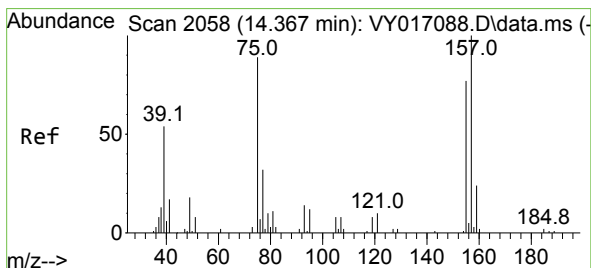
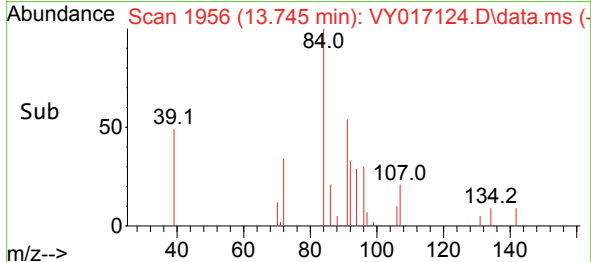
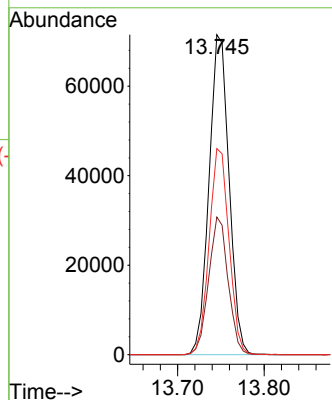
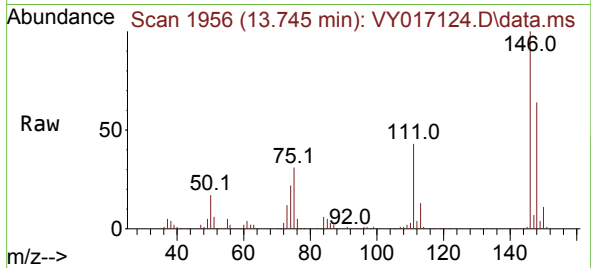




#91
1,2-Dichlorobenzene
Concen: 51.244 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

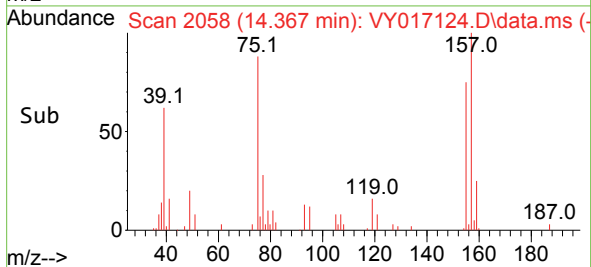
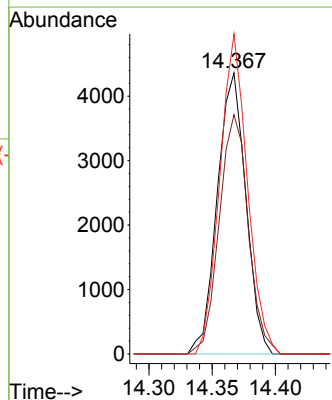
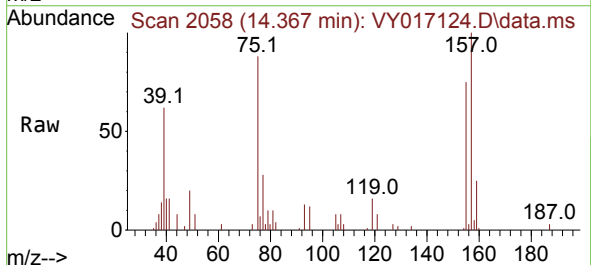
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

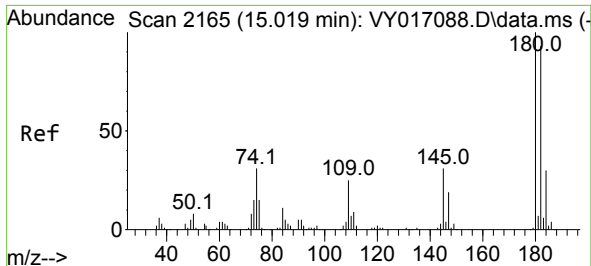
Tgt Ion:146 Resp: 114736
Ion Ratio Lower Upper
146 100
111 41.9 20.5 61.6
148 64.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.675 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017124.D
Acq: 26 Jan 2024 16:38

Tgt Ion: 75 Resp: 6827
Ion Ratio Lower Upper
75 100
155 86.5 42.1 126.3
157 110.4 55.8 167.4

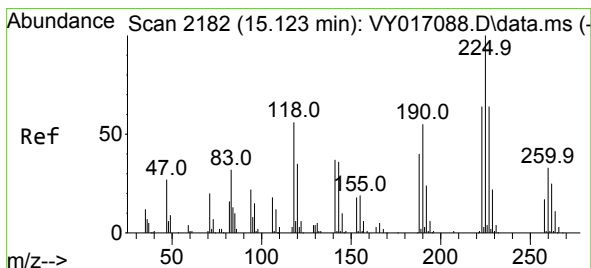
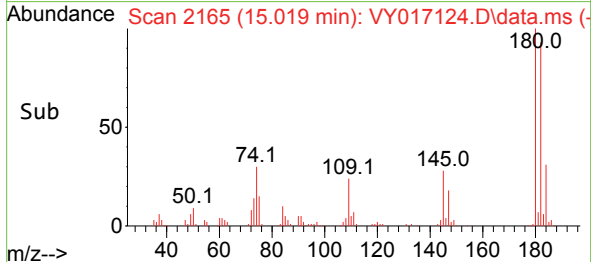
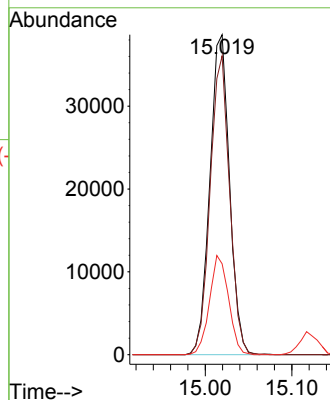
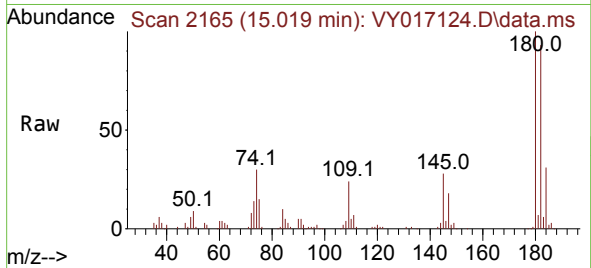




#93
 1,2,4-Trichlorobenzene
 Concen: 51.967 ug/l
 RT: 15.019 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

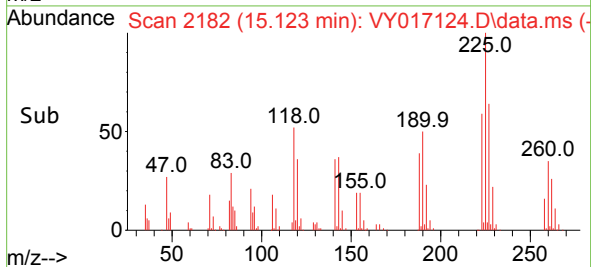
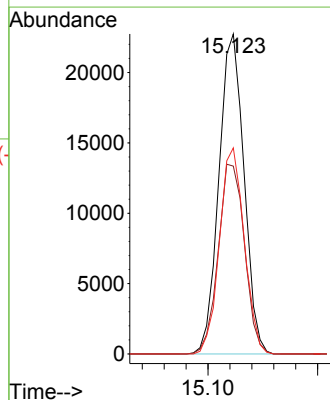
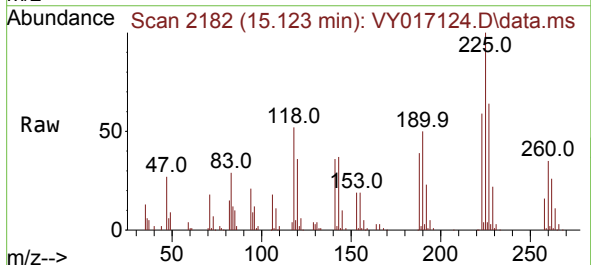
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

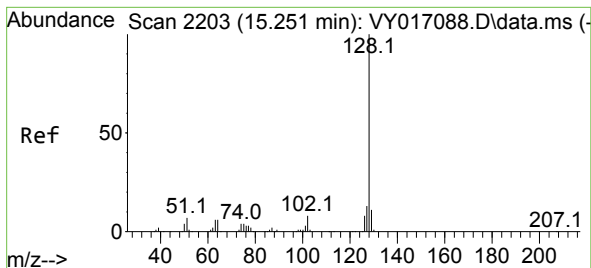
Tgt Ion:180 Resp: 60804
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.9 143.7
 145 30.2 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 51.333 ug/l
 RT: 15.123 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY017124.D
 Acq: 26 Jan 2024 16:38

Tgt Ion:225 Resp: 36148
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.3
 227 63.5 32.3 96.8





#95

Naphthalene

Concen: 49.506 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

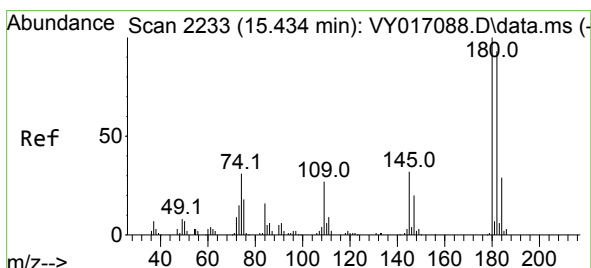
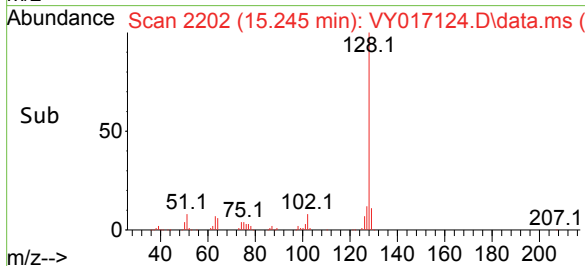
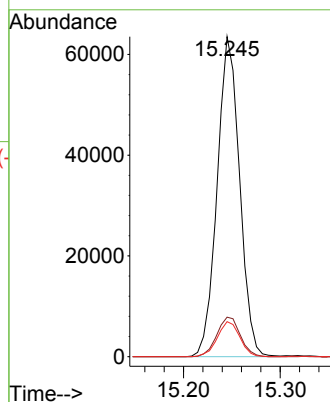
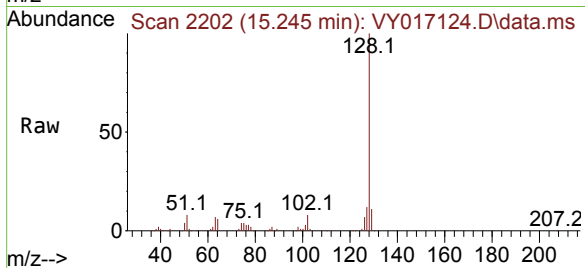
Tgt Ion:128 Resp: 102306

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.216 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017124.D

Acq: 26 Jan 2024 16:38

Tgt Ion:180 Resp: 49855

Ion Ratio Lower Upper

180 100

182 94.2 46.3 138.8

145 32.1 16.1 48.2

