

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017611.D
 Acq On : 07 Mar 2024 18:43
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 08 03:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86717	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55591	48.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.760%
35) Dibromofluoromethane	7.716	113	63998	47.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.185	98	234092	49.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.489	95	73387	49.711	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42582	48.101	ug/l	97
3) Chloromethane	2.107	50	84382	52.169	ug/l	98
4) Vinyl Chloride	2.247	62	113346	54.623	ug/l	99
5) Bromomethane	2.643	94	97021	57.375	ug/l	95
6) Chloroethane	2.790	64	73921	56.470	ug/l	99
7) Trichlorofluoromethane	3.119	101	111715	52.823	ug/l	92
8) Diethyl Ether	3.527	74	35389	57.052	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	65183	53.584	ug/l	99
10) Methyl Iodide	4.088	142	70766	51.836	ug/l	99
11) Tert butyl alcohol	4.954	59	23054	238.625	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	62143	54.815	ug/l	97
13) Acrolein	3.729	56	20360	159.716	ug/l	98
14) Allyl chloride	4.479	41	76999	56.211	ug/l	98
15) Acrylonitrile	5.161	53	74504	292.184	ug/l	100
16) Acetone	3.948	43	58978	267.350	ug/l	99
17) Carbon Disulfide	4.192	76	188954	55.529	ug/l	98
18) Methyl Acetate	4.472	43	35725	66.751	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	151340	57.274	ug/l	98
20) Methylene Chloride	4.716	84	86873	69.122	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	72725	54.788	ug/l	99
22) Diisopropyl ether	6.118	45	184771	58.454	ug/l	97
23) Vinyl Acetate	6.057	43	547954	290.908	ug/l	100
24) 1,1-Dichloroethane	6.015	63	121333	56.185	ug/l	98
25) 2-Butanone	6.984	43	89138	283.530	ug/l	92
26) 2,2-Dichloropropane	6.978	77	94684	52.149	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	84067	56.407	ug/l	99
28) Bromochloromethane	7.338	49	44674	52.527	ug/l	98
29) Tetrahydrofuran	7.356	42	56263	296.880	ug/l	98
30) Chloroform	7.508	83	128217	55.766	ug/l	97
31) Cyclohexane	7.789	56	99846	53.943	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	109628	54.921	ug/l	99
36) 1,1-Dichloropropene	7.917	75	97965	54.045	ug/l	99
37) Ethyl Acetate	7.069	43	40503	56.573	ug/l	97
38) Carbon Tetrachloride	7.899	117	96976	53.380	ug/l	96
39) Methylcyclohexane	9.185	83	119579	54.892	ug/l	94
40) Benzene	8.161	78	296819	55.139	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017611.D
 Acq On : 07 Mar 2024 18:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 08 03:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18834	52.423	ug/l	95
42) 1,2-Dichloroethane	8.240	62	71902	54.744	ug/l	98
43) Isopropyl Acetate	8.277	43	71781	57.055	ug/l	99
44) Trichloroethene	8.941	130	82291	53.037	ug/l	97
45) 1,2-Dichloropropane	9.222	63	71596	55.902	ug/l	99
46) Dibromomethane	9.307	93	40958	55.880	ug/l	99
47) Bromodichloromethane	9.496	83	98996	55.625	ug/l	99
48) Methyl methacrylate	9.295	41	34904	59.937	ug/l	98
49) 1,4-Dioxane	9.301	88	9117	1099.083	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	202530	288.845	ug/l	100
52) Toluene	10.246	92	186027	54.817	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	91494	55.388	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	110543	55.074	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	56422	54.217	ug/l	95
56) Ethyl methacrylate	10.514	69	67187	52.353	ug/l	99
57) 1,3-Dichloropropane	10.794	76	94637	55.932	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	169387	282.066	ug/l	99
59) 2-Hexanone	10.837	43	140026	290.740	ug/l	99
60) Dibromochloromethane	10.990	129	67366	54.719	ug/l	100
61) 1,2-Dibromoethane	11.093	107	52620	54.868	ug/l	99
64) Tetrachloroethene	10.721	164	84930	51.559	ug/l	98
65) Chlorobenzene	11.520	112	196370	53.907	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	74107	54.303	ug/l	99
67) Ethyl Benzene	11.599	91	352404	55.162	ug/l	98
68) m/p-Xylenes	11.709	106	276669	110.214	ug/l	100
69) o-Xylene	12.032	106	128827	55.317	ug/l	99
70) Styrene	12.050	104	216131	55.909	ug/l	99
71) Bromoform	12.215	173	41930	55.445	ug/l #	98
73) Isopropylbenzene	12.337	105	333038	51.694	ug/l	99
74) N-amyl acetate	12.148	43	62156	54.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	61368	55.470	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	75269	91.352	ug/l #	100
77) Bromobenzene	12.611	156	79645	51.049	ug/l	97
78) n-propylbenzene	12.672	91	406681	52.608	ug/l	100
79) 2-Chlorotoluene	12.758	91	221667	51.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	271823	52.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18789	52.398	ug/l	98
82) 4-Chlorotoluene	12.861	91	227024	51.284	ug/l	98
83) tert-Butylbenzene	13.081	119	237358	52.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	268596	52.711	ug/l	100
85) sec-Butylbenzene	13.257	105	360862	52.076	ug/l	100
86) p-Isopropyltoluene	13.373	119	299352	52.772	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	159798	51.027	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	154260	50.667	ug/l	99
89) n-Butylbenzene	13.702	91	275453	53.223	ug/l	99
90) Hexachloroethane	13.965	117	58623	51.548	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	136928	51.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7843	50.428	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	71270	50.938	ug/l	99
94) Hexachlorobutadiene	15.117	225	43221	50.033	ug/l	99
95) Naphthalene	15.239	128	127160	47.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	60404	50.324	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
Data File : VY017611.D
Acq On : 07 Mar 2024 18:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 08 03:29:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

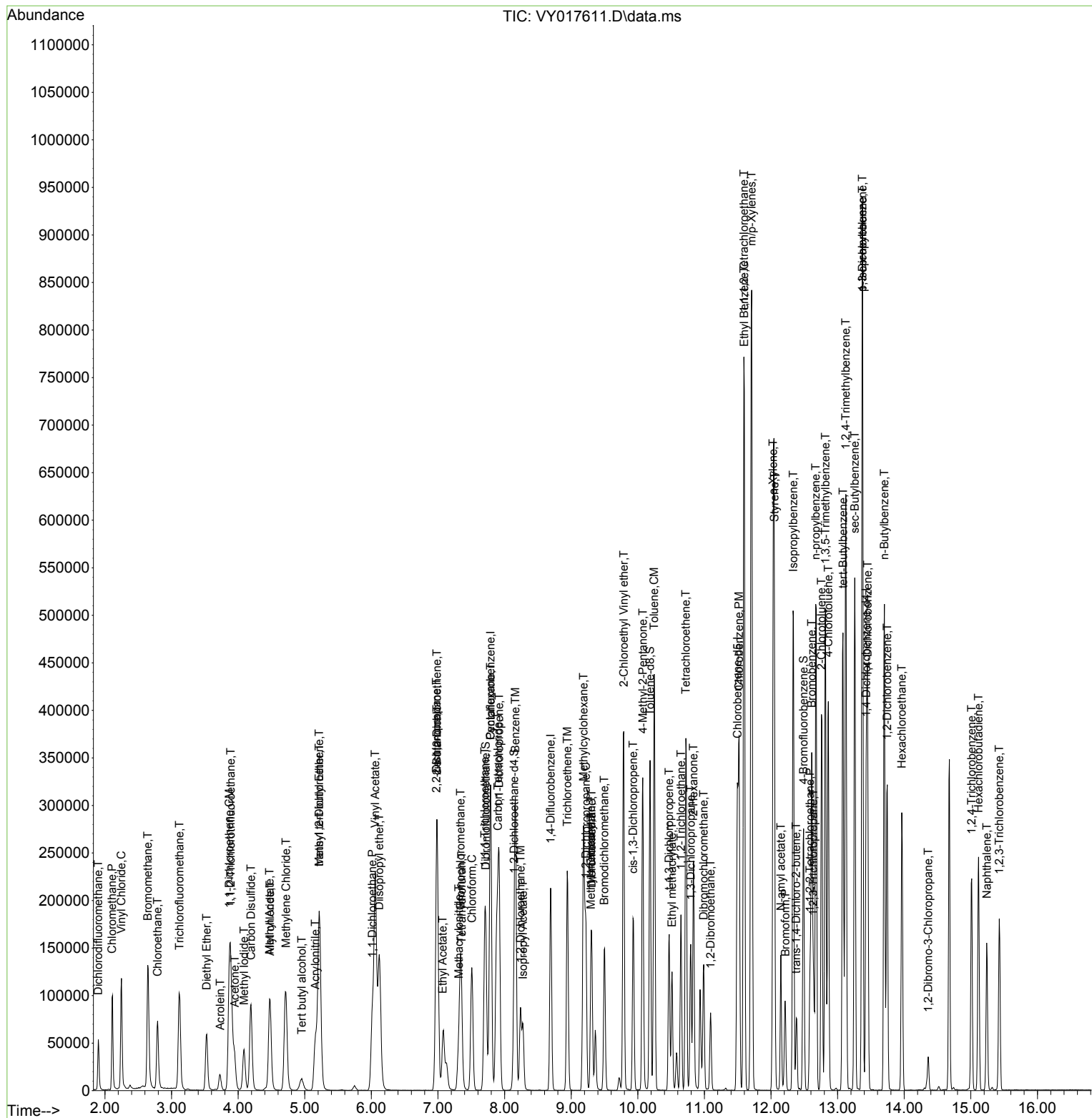
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

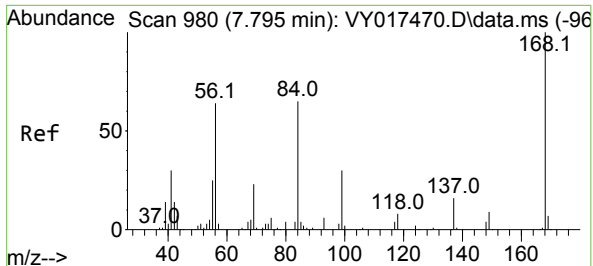
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017611.D
 Acq On : 07 Mar 2024 18:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

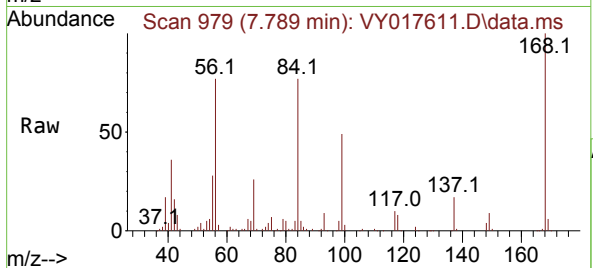
Quant Time: Mar 08 03:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration



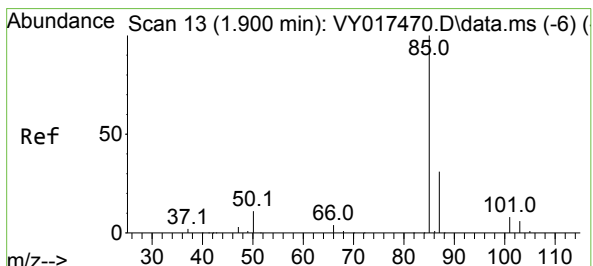
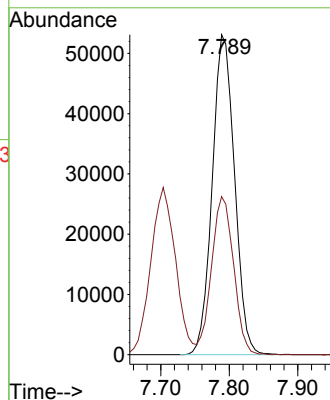
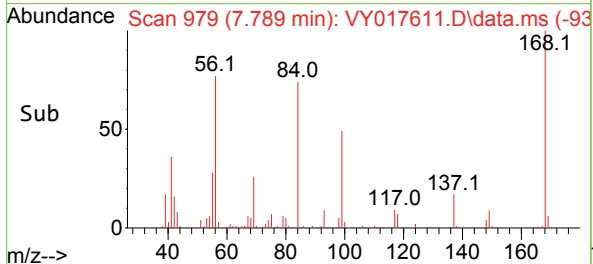


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

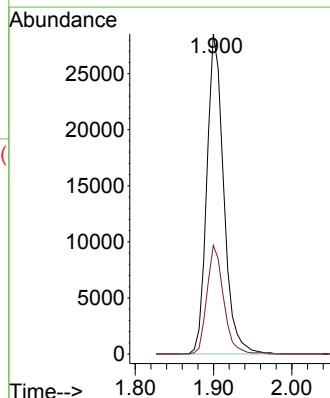
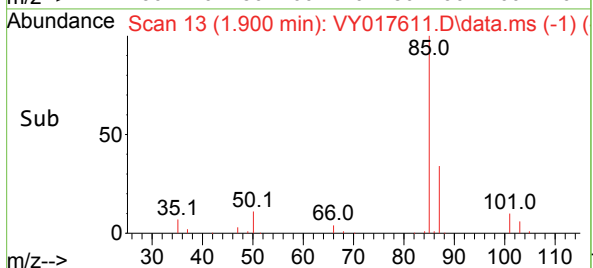
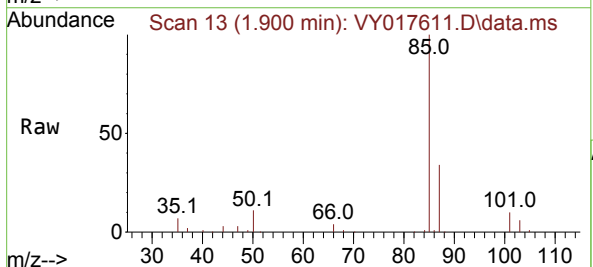


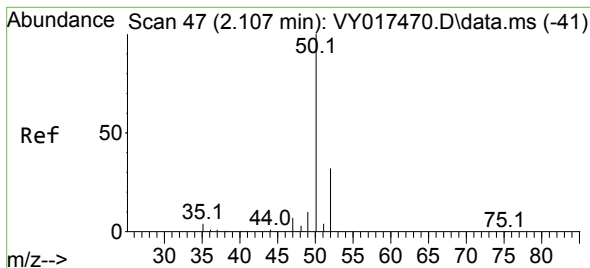
Tgt Ion:168 Resp: 120009
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.101 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 85 Resp: 42582
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0





#3

Chloromethane

Concen: 52.169 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

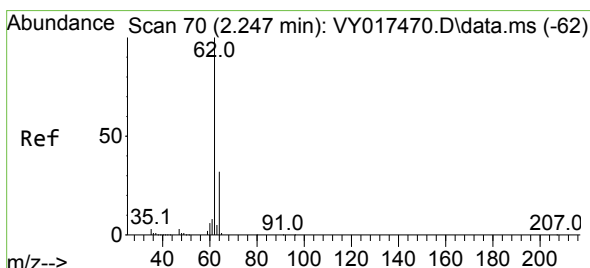
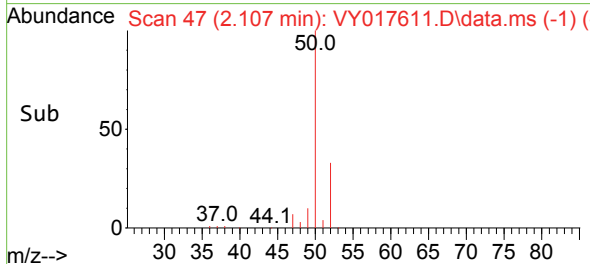
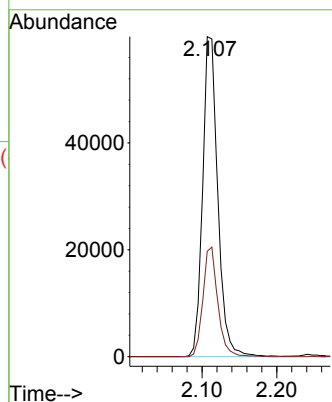
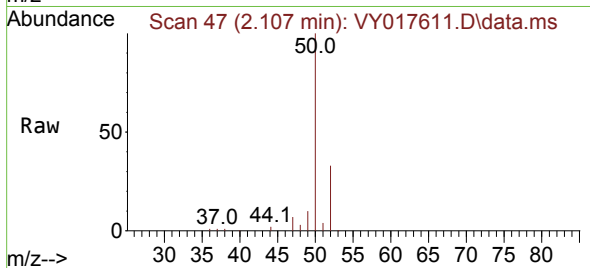
VSTDCCC050EC

Tgt Ion: 50 Resp: 84382

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4



#4

Vinyl Chloride

Concen: 54.623 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017611.D

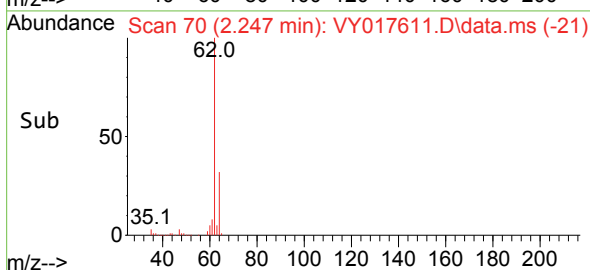
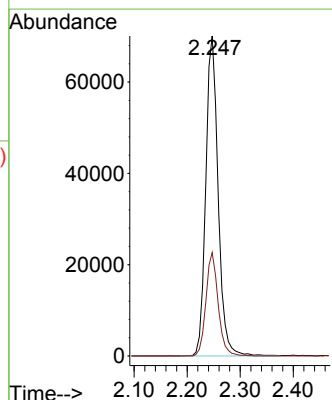
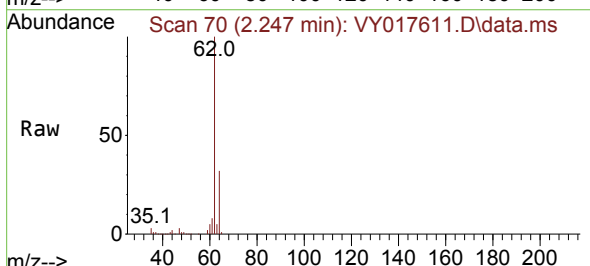
Acq: 07 Mar 2024 18:43

Tgt Ion: 62 Resp: 113346

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1

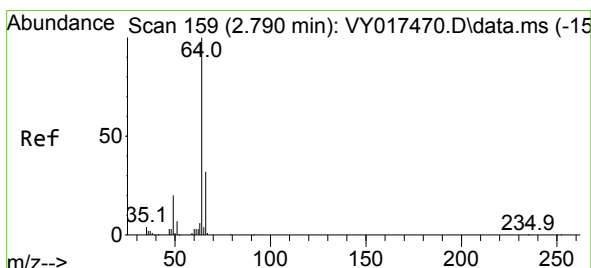
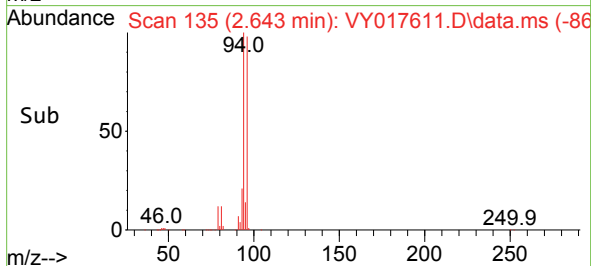
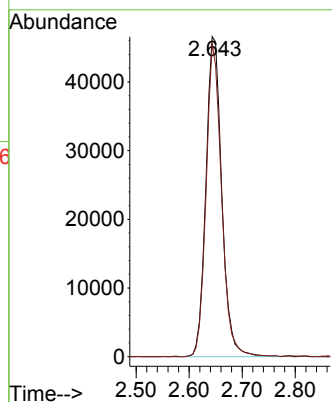
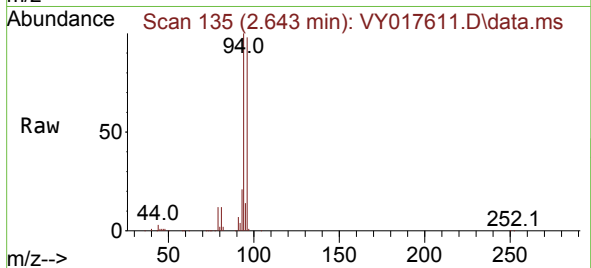




#5
Bromomethane
Concen: 57.375 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

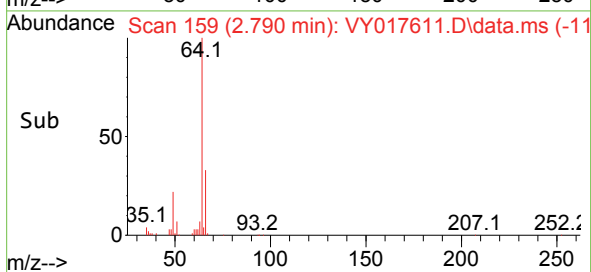
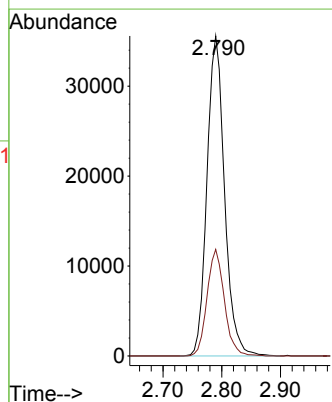
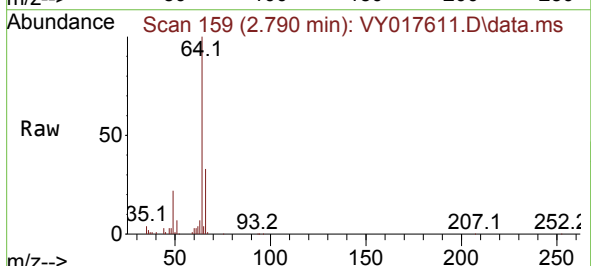
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

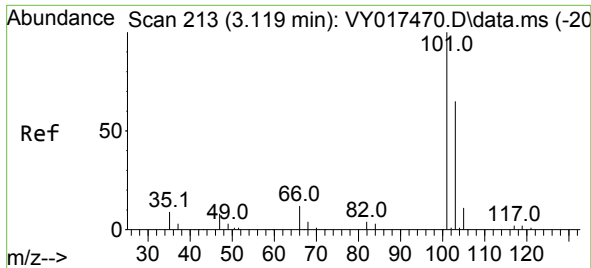
Tgt Ion: 94 Resp: 97021
Ion Ratio Lower Upper
94 100
96 97.6 74.1 111.1



#6
Chloroethane
Concen: 56.470 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 64 Resp: 73921
Ion Ratio Lower Upper
64 100
66 33.3 26.1 39.1

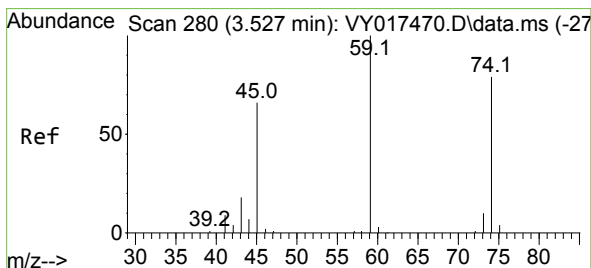
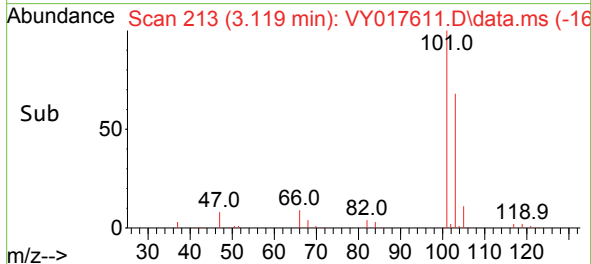
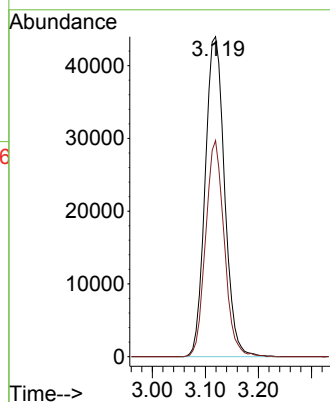
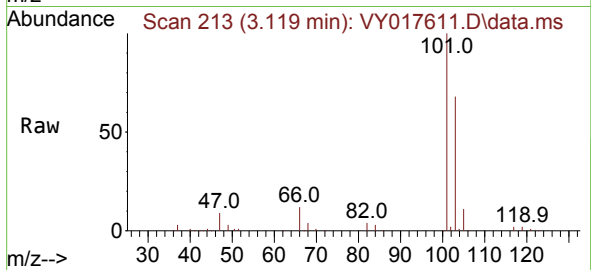




#7
 Trichlorofluoromethane
 Concen: 52.823 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017611.D
 Acq: 07 Mar 2024 18:43

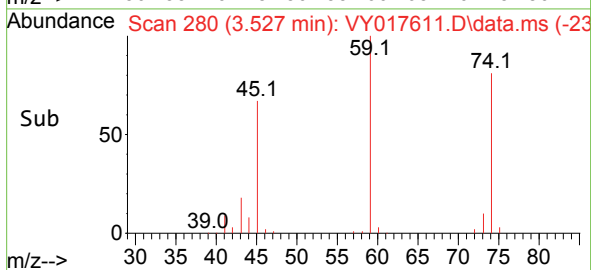
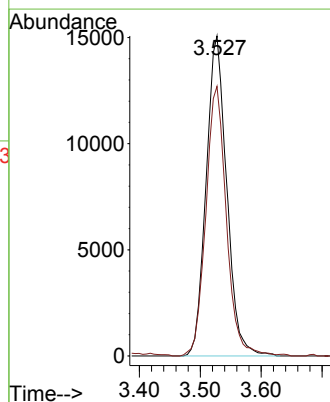
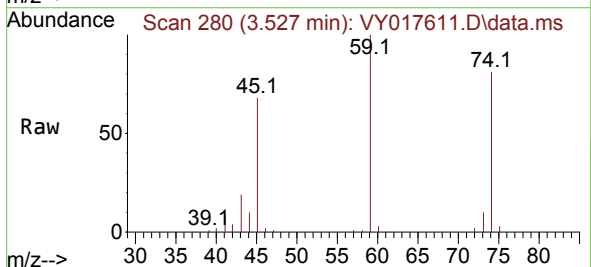
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

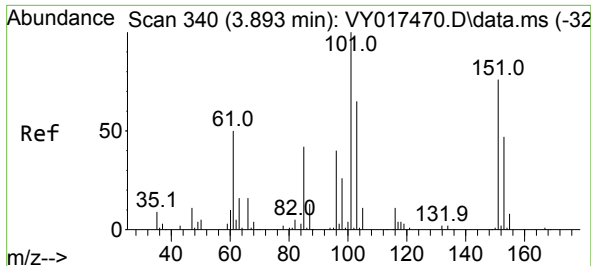
Tgt Ion:101 Resp: 111715
 Ion Ratio Lower Upper
 101 100
 103 67.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 57.052 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017611.D
 Acq: 07 Mar 2024 18:43

Tgt Ion: 74 Resp: 35389
 Ion Ratio Lower Upper
 74 100
 45 84.0 41.3 124.1

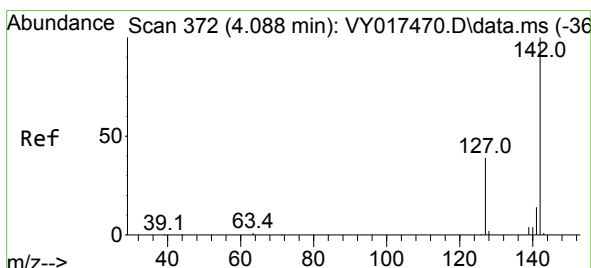
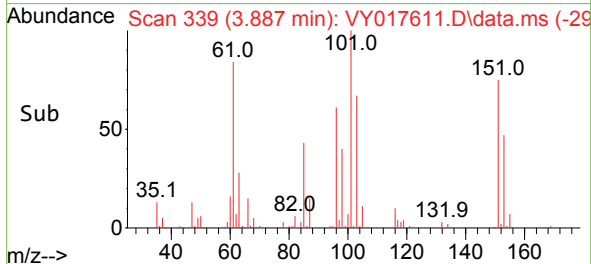
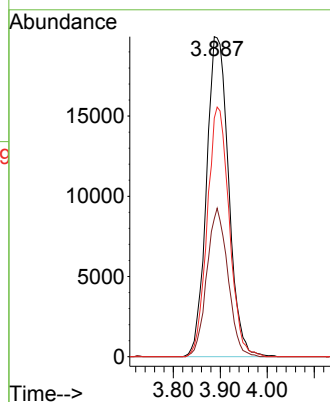
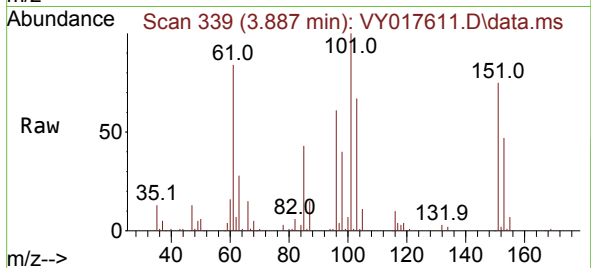




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.584 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

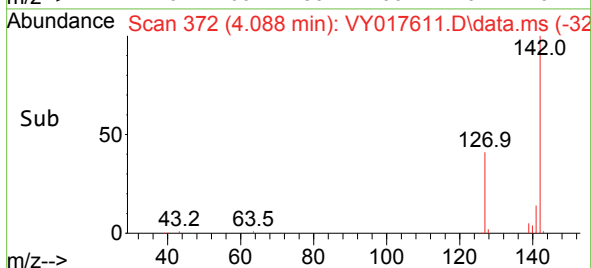
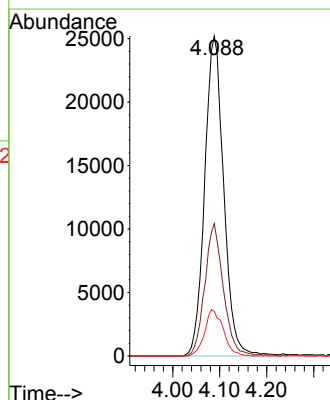
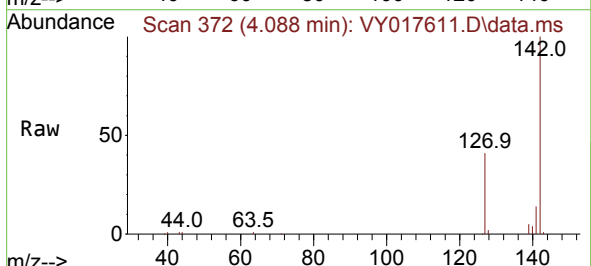
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

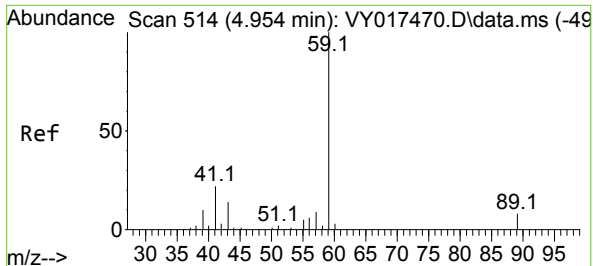
Tgt Ion:101 Resp: 65183
Ion Ratio Lower Upper
101 100
85 44.2 34.5 51.7
151 77.4 61.7 92.5



#10
Methyl Iodide
Concen: 51.836 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion:142 Resp: 70766
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 238.625 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

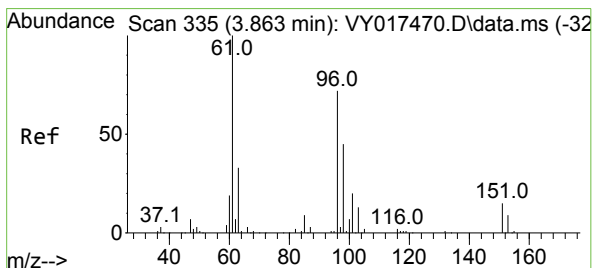
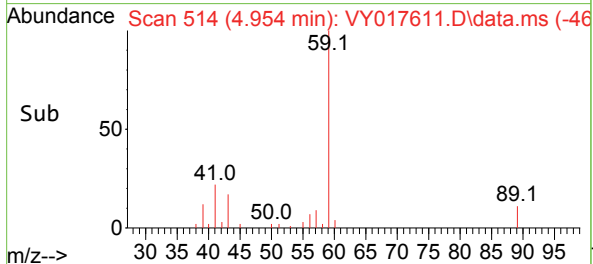
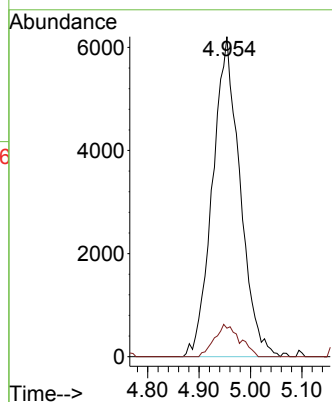
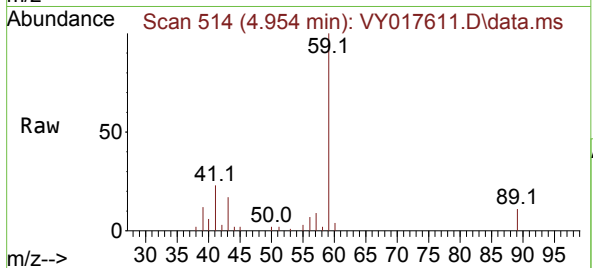
VSTDCCC050EC

Tgt Ion: 59 Resp: 23054

Ion Ratio Lower Upper

59 100

57 9.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 54.815 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

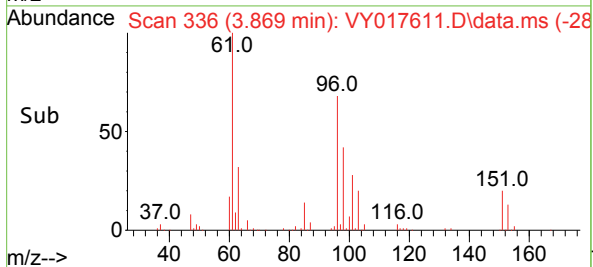
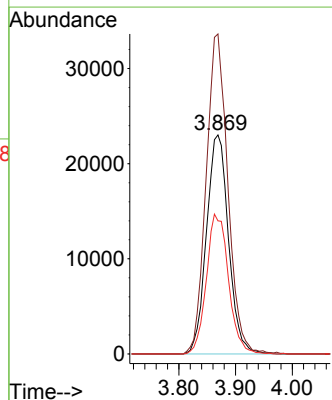
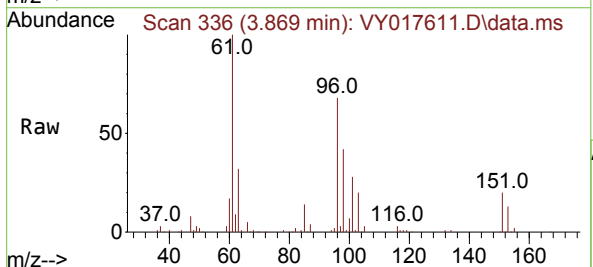
Tgt Ion: 96 Resp: 62143

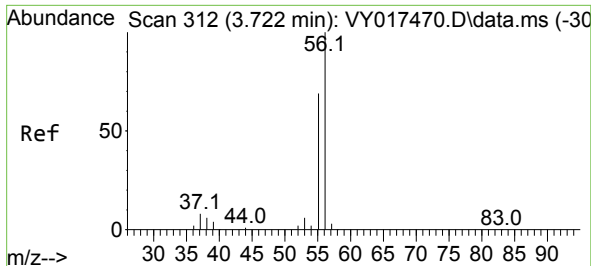
Ion Ratio Lower Upper

96 100

61 146.1 114.6 171.8

98 60.8 50.8 76.2





#13

Acrolein

Concen: 159.716 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

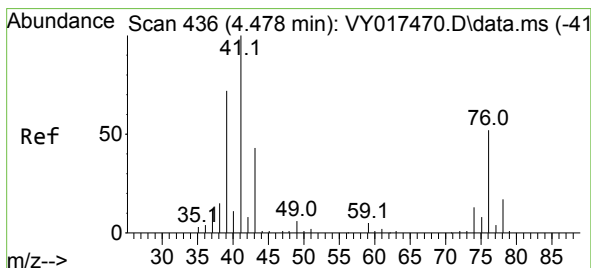
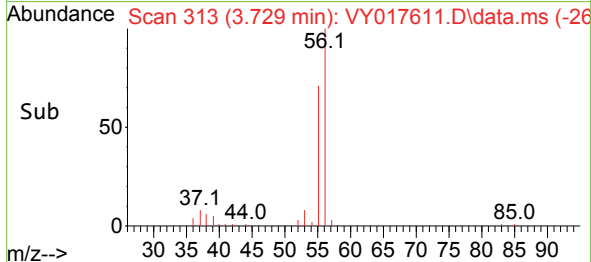
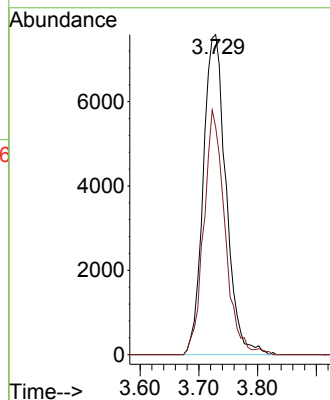
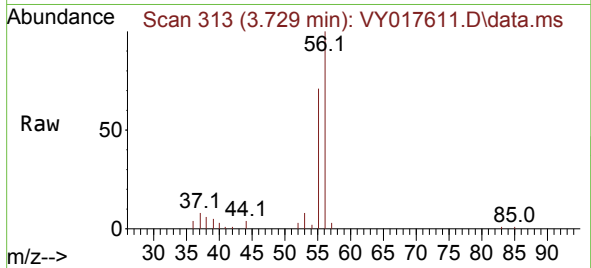
VSTDCCC050EC

Tgt Ion: 56 Resp: 20360

Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5



#14

Allyl chloride

Concen: 56.211 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

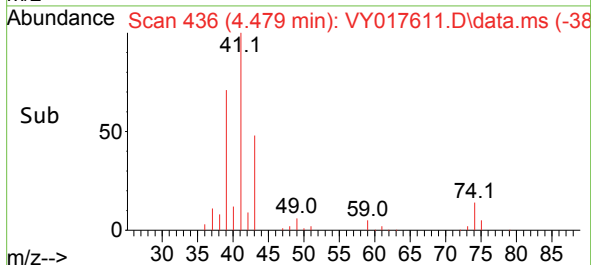
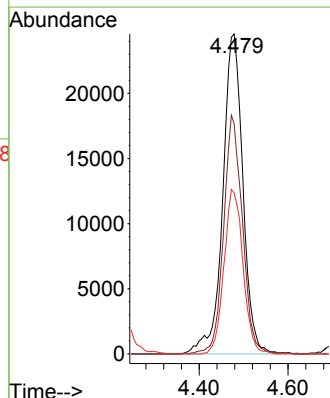
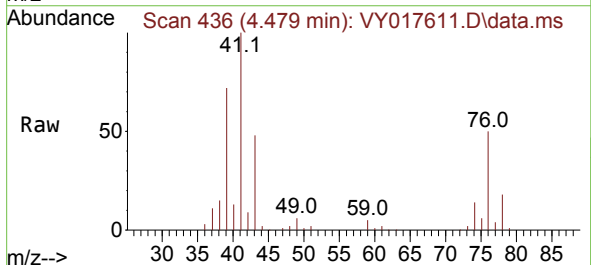
Tgt Ion: 41 Resp: 76999

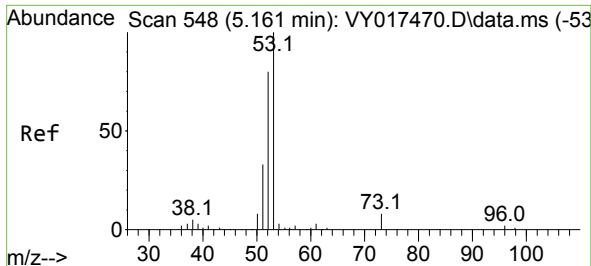
Ion Ratio Lower Upper

41 100

39 69.6 58.3 87.5

76 48.6 39.0 58.6

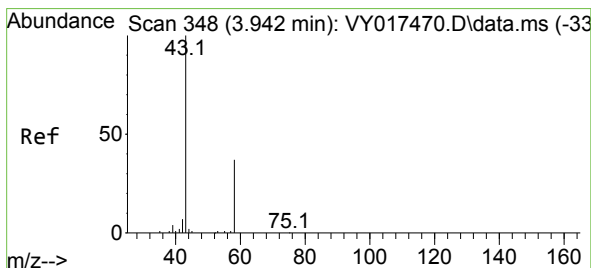
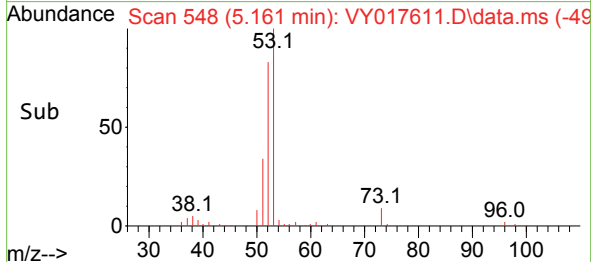
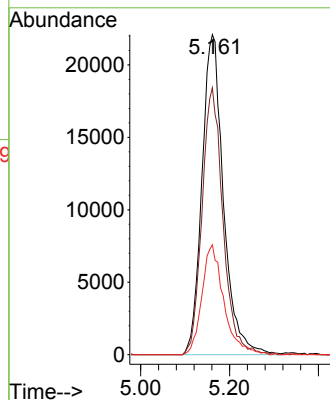
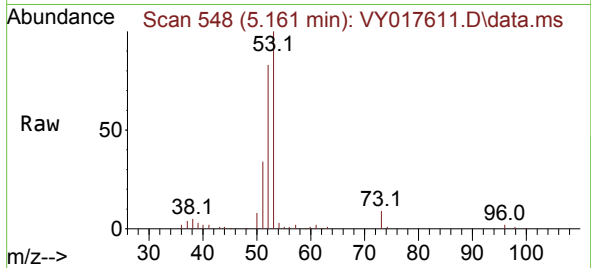




#15
Acrylonitrile
Concen: 292.184 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

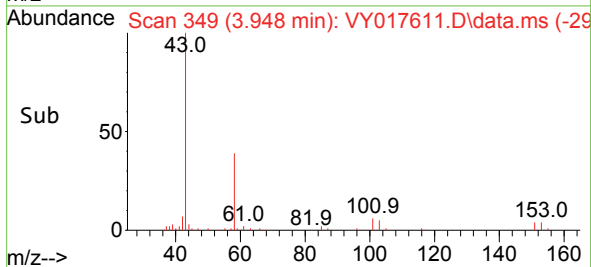
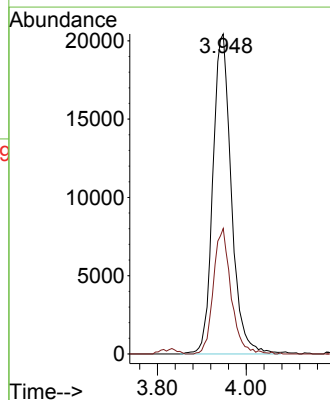
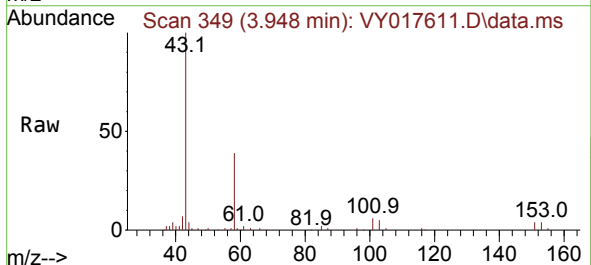
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

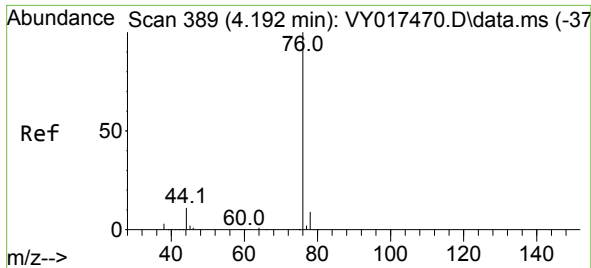
Tgt Ion:	53	Resp:	74504
Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.7	97.1
51	35.0	28.4	42.6



#16
Acetone
Concen: 267.350 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion:	43	Resp:	58978
Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.7	47.5

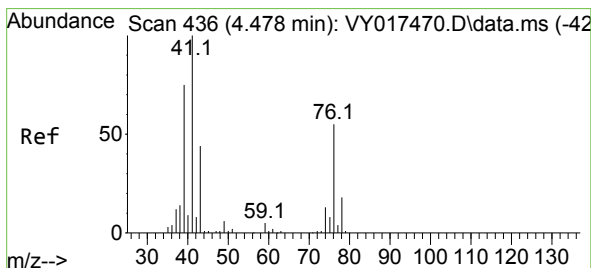
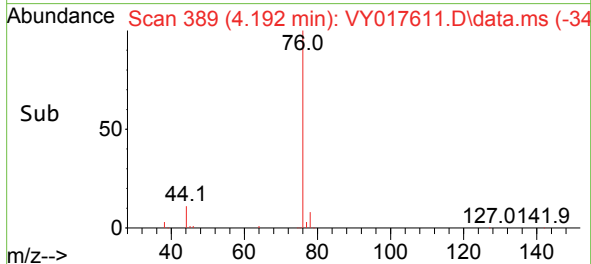
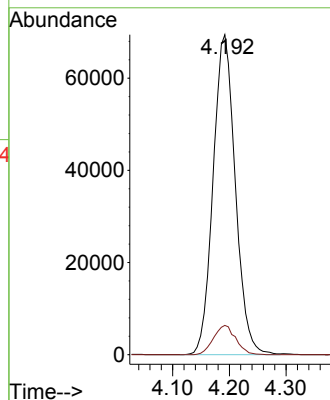
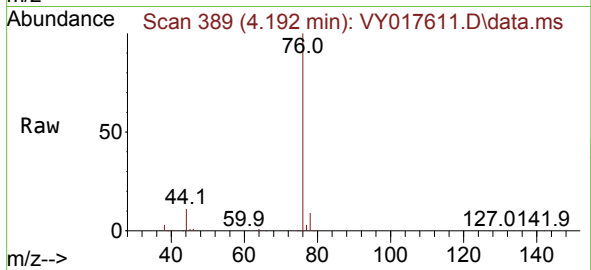




#17
Carbon Disulfide
Concen: 55.529 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

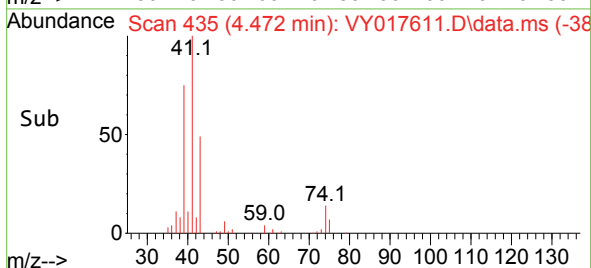
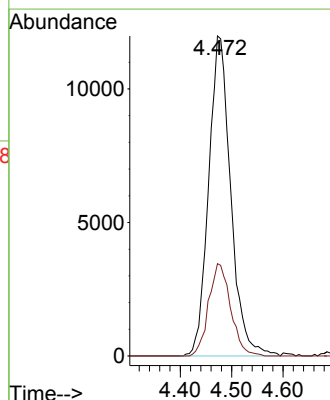
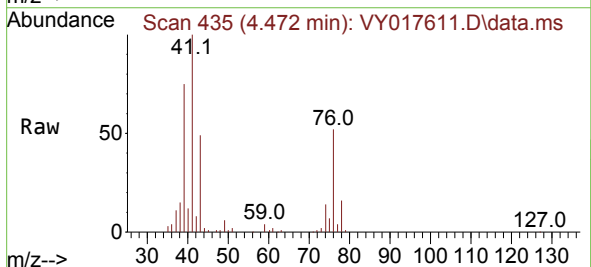
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 188954
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 66.751 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 43 Resp: 35725
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9

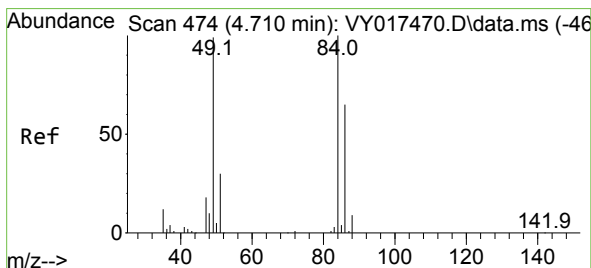
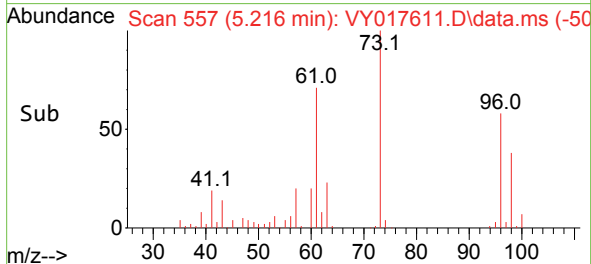
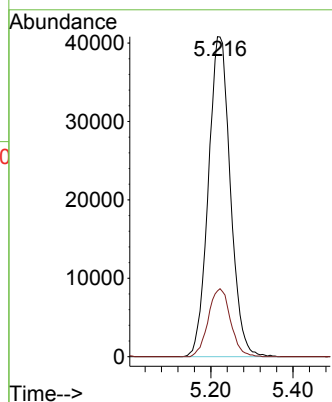
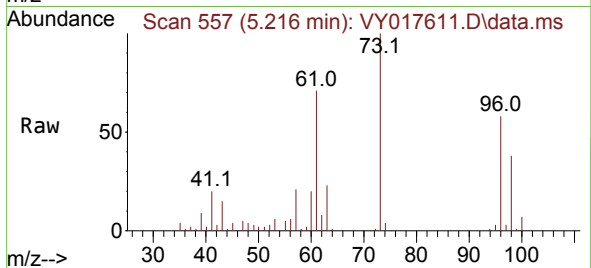




#19
Methyl tert-butyl Ether
Concen: 57.274 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

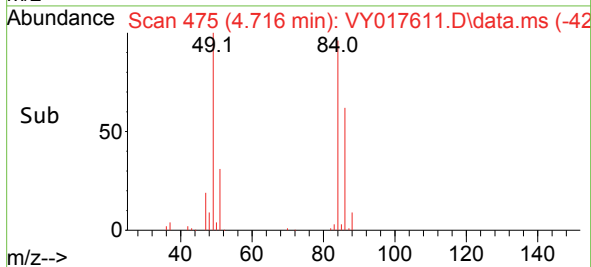
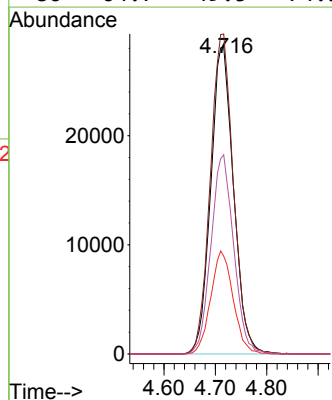
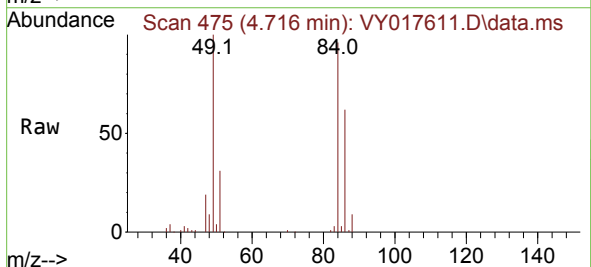
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 151340
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 69.122 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 84 Resp: 86873
Ion Ratio Lower Upper
84 100
49 104.0 84.4 126.6
51 31.8 26.0 39.0
86 64.7 49.5 74.3

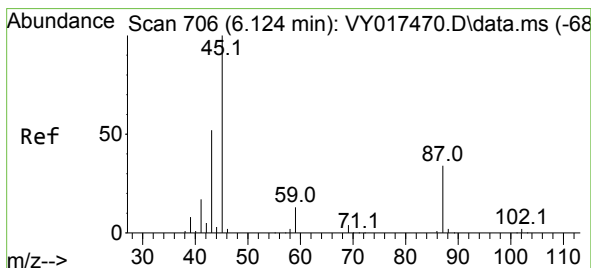
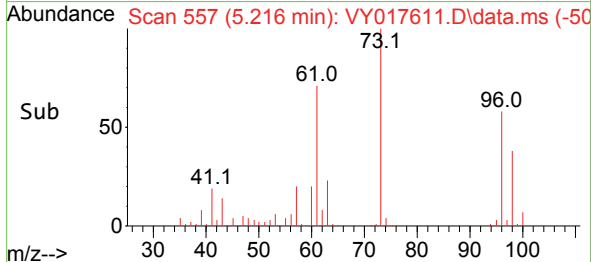
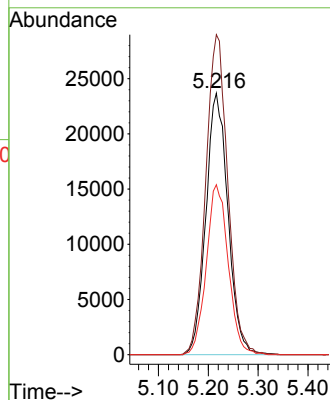
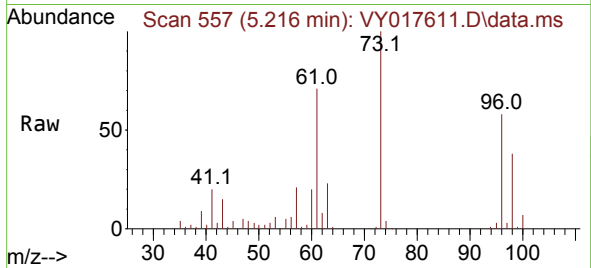




#21
trans-1,2-Dichloroethene
Concen: 54.788 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

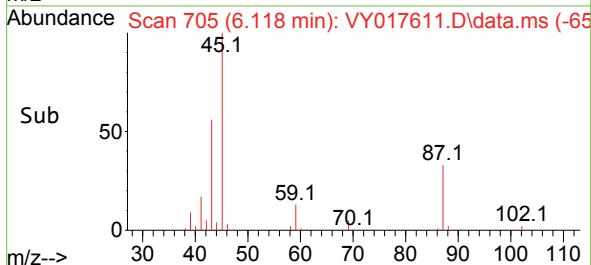
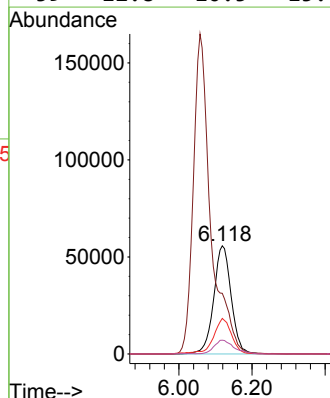
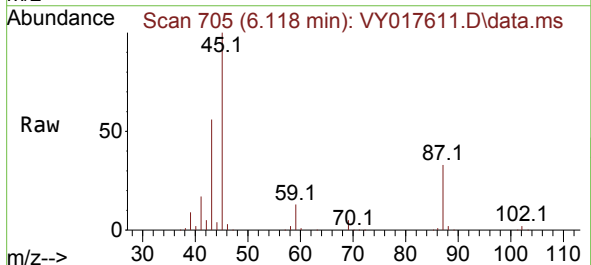
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

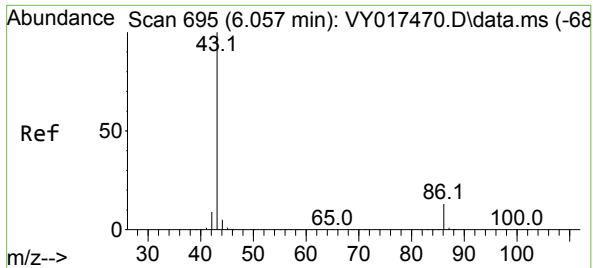
Tgt Ion: 96 Resp: 72725
Ion Ratio Lower Upper
96 100
61 122.4 97.5 146.3
98 65.0 50.5 75.7



#22
Diisopropyl ether
Concen: 58.454 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 45 Resp: 184771
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 32.9 25.0 37.6
59 12.8 10.5 15.7

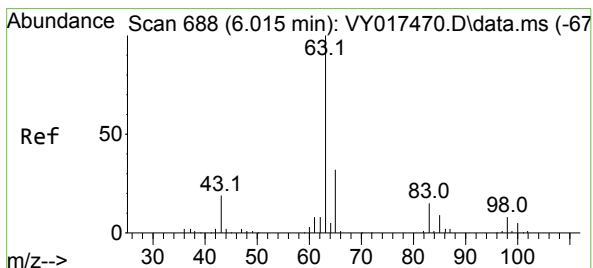
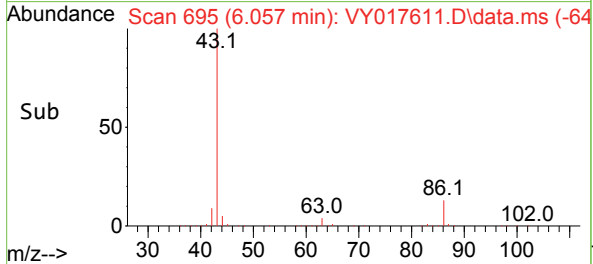
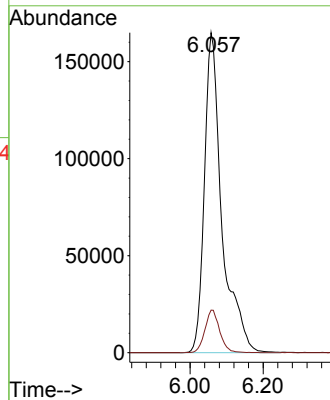
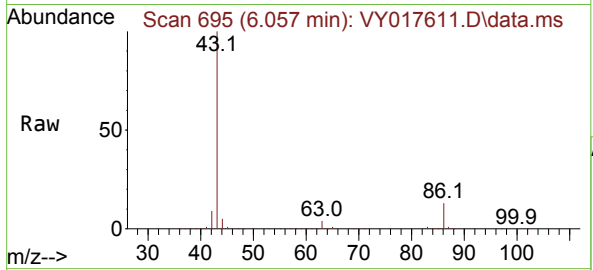




#23
 Vinyl Acetate
 Concen: 290.908 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017611.D
 Acq: 07 Mar 2024 18:43

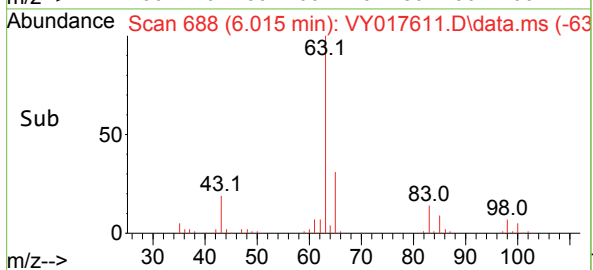
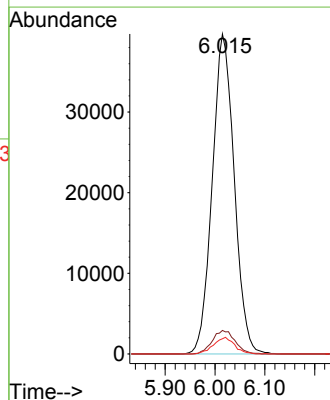
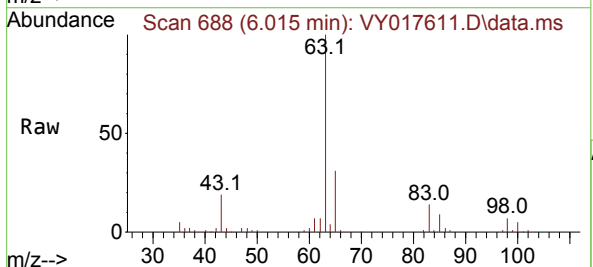
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 547954
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 56.185 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017611.D
 Acq: 07 Mar 2024 18:43

Tgt Ion: 63 Resp: 121333
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.8 2.6 8.0

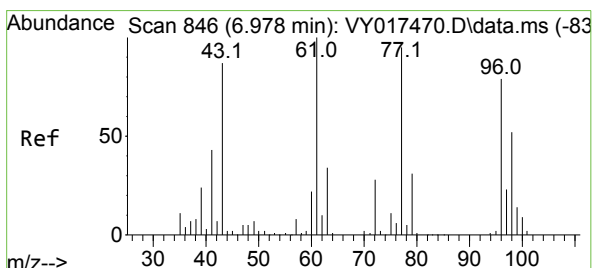
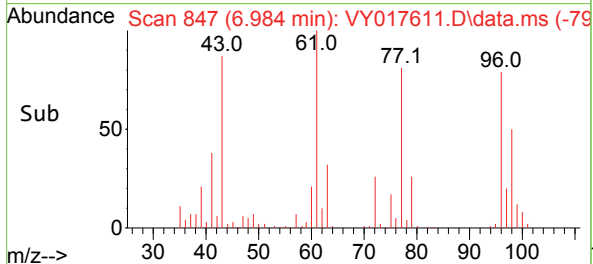
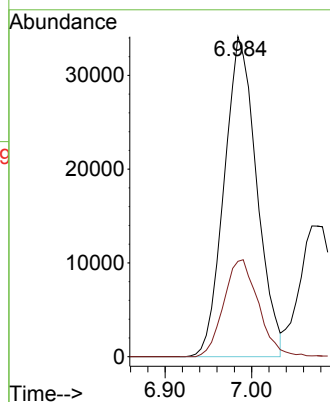
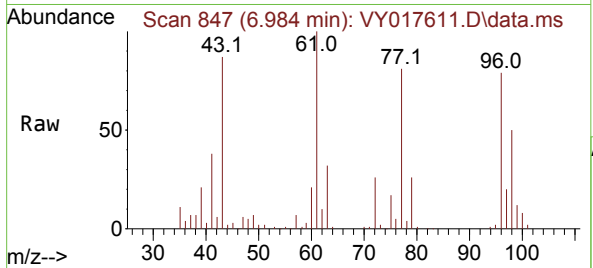




#25
2-Butanone
Concen: 283.530 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

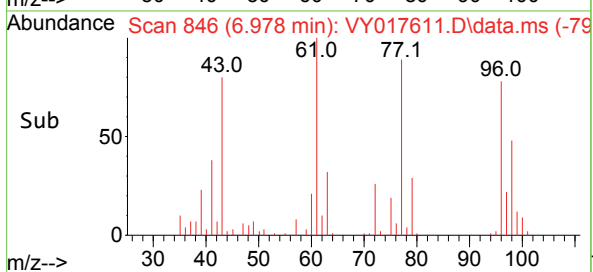
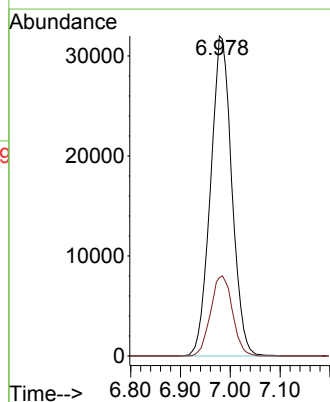
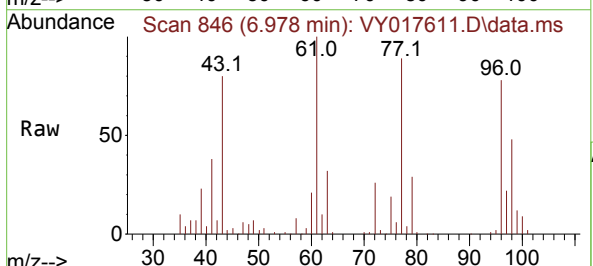
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

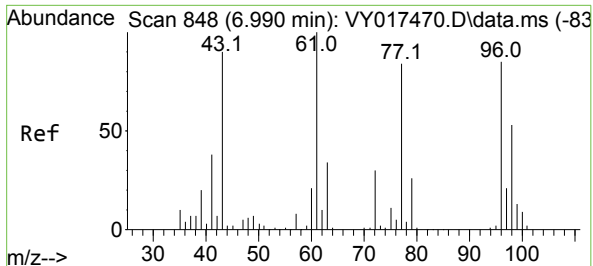
Tgt Ion: 43 Resp: 89138
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 52.149 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 77 Resp: 94684
Ion Ratio Lower Upper
77 100
97 25.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 56.407 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

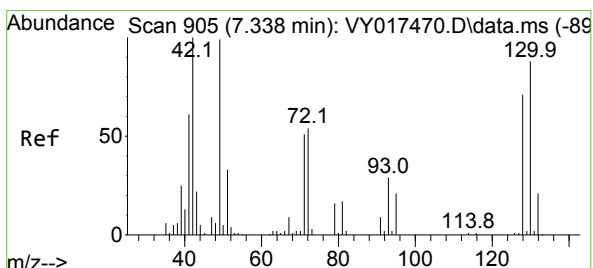
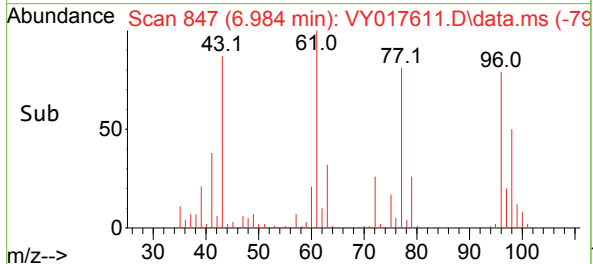
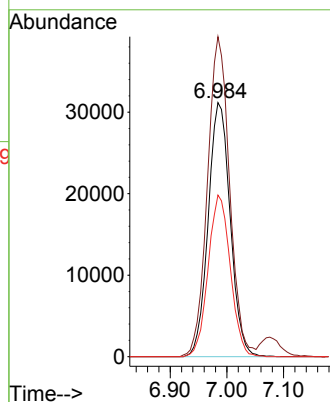
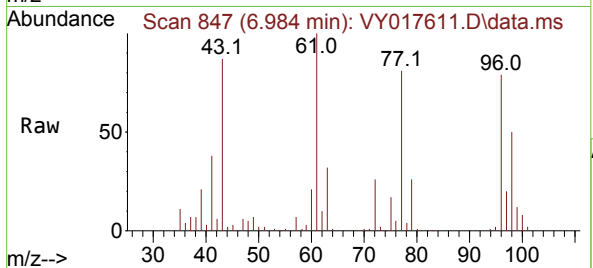
Tgt Ion: 96 Resp: 84067

Ion Ratio Lower Upper

96 100

61 126.9 0.0 256.2

98 64.0 0.0 130.0



#28

Bromochloromethane

Concen: 52.527 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

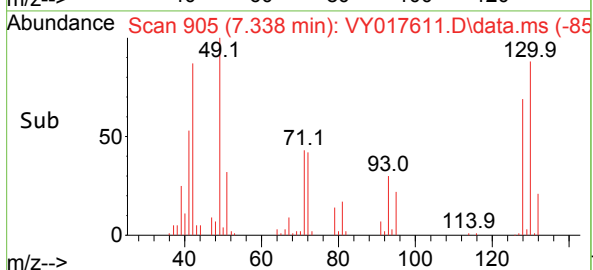
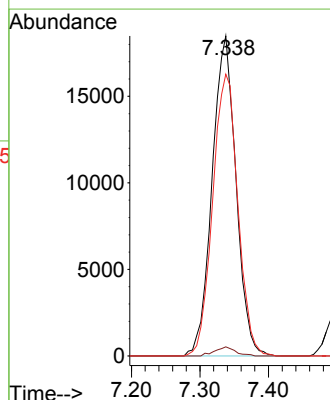
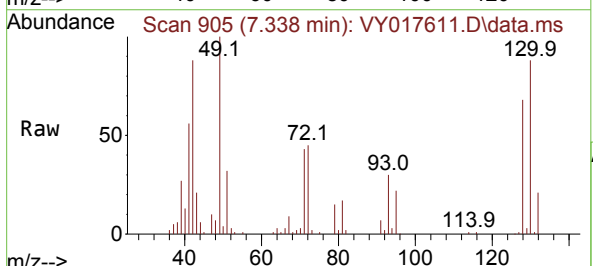
Tgt Ion: 49 Resp: 44674

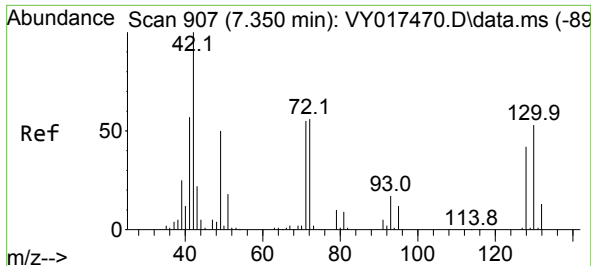
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 92.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 296.880 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

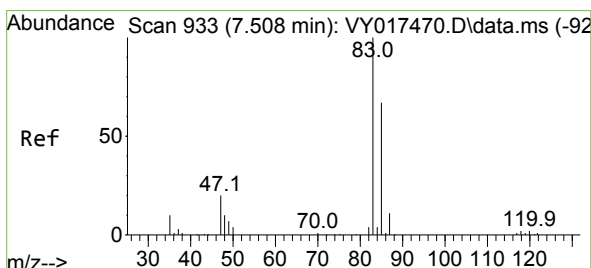
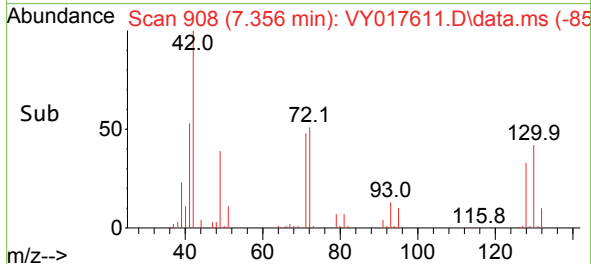
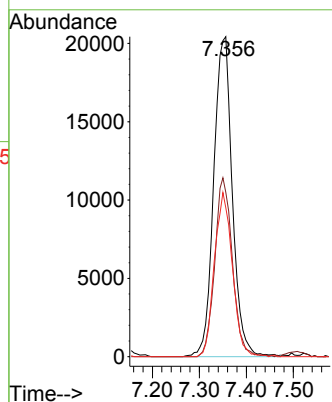
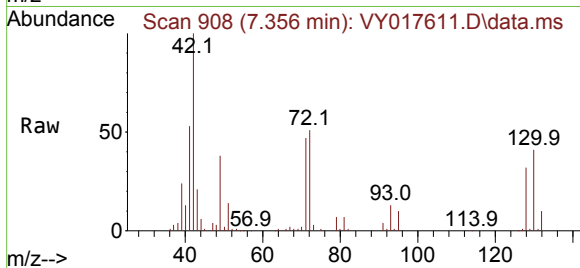
Tgt Ion: 42 Resp: 56263

Ion Ratio Lower Upper

42 100

72 53.0 43.0 64.4

71 49.5 40.8 61.2



#30

Chloroform

Concen: 55.766 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017611.D

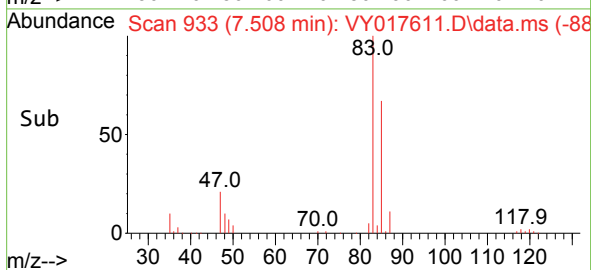
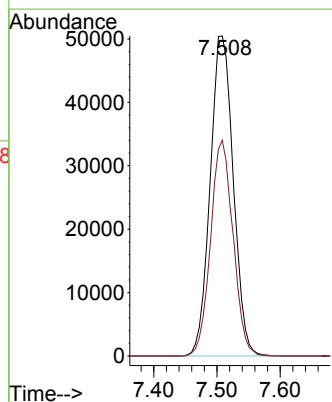
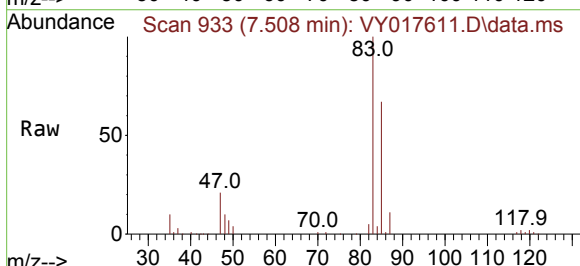
Acq: 07 Mar 2024 18:43

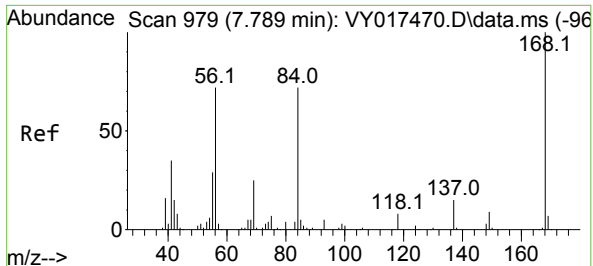
Tgt Ion: 83 Resp: 128217

Ion Ratio Lower Upper

83 100

85 67.4 52.2 78.4

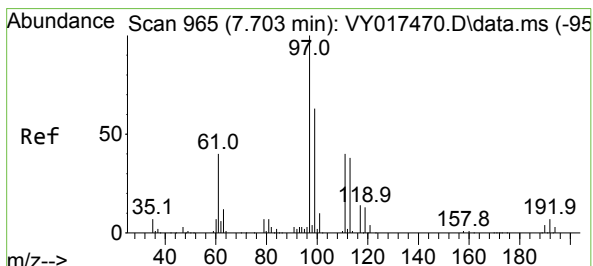
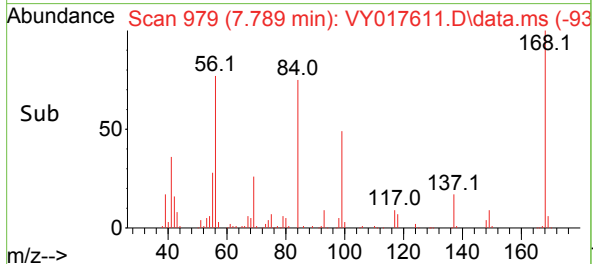
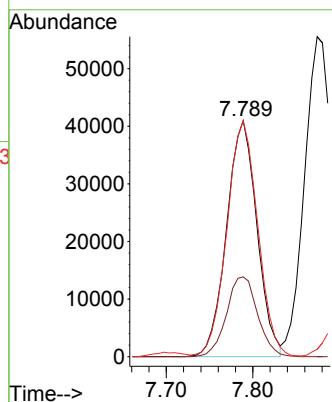
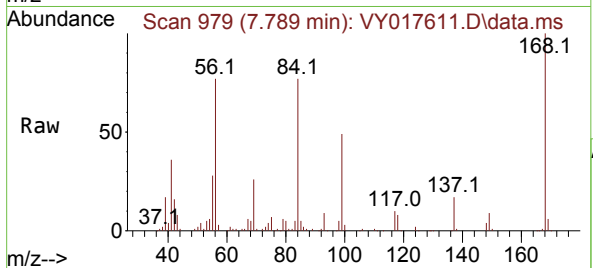




#31
Cyclohexane
Concen: 53.943 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

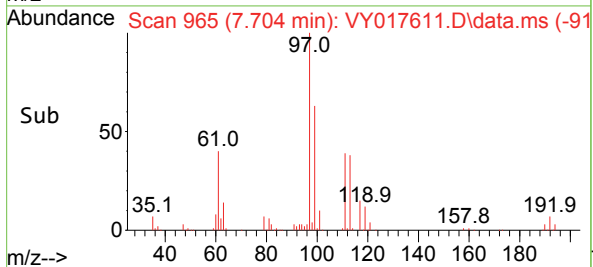
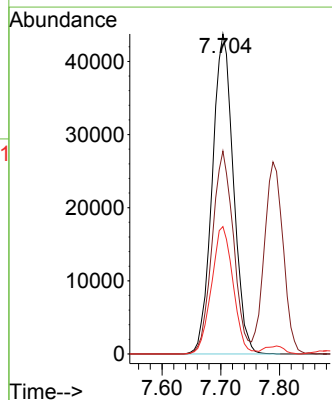
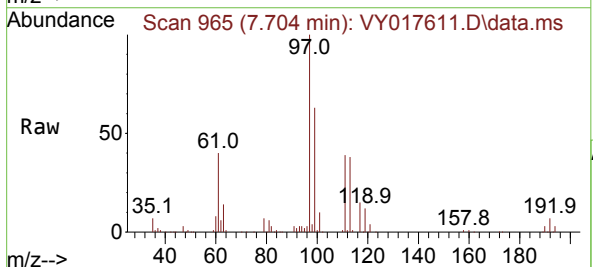
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

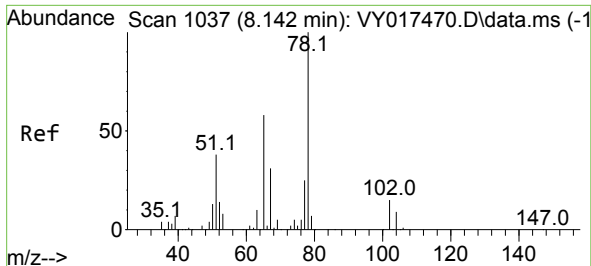
Tgt Ion: 56 Resp: 99846
Ion Ratio Lower Upper
56 100
69 33.9 28.7 43.1
84 98.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.921 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 97 Resp: 109628
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 40.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.877 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

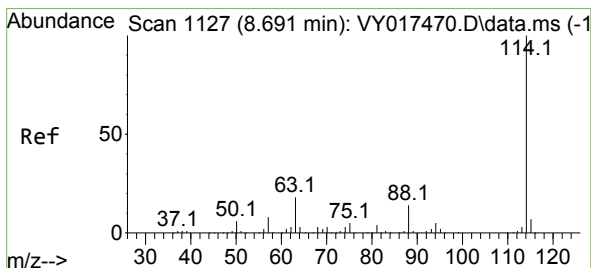
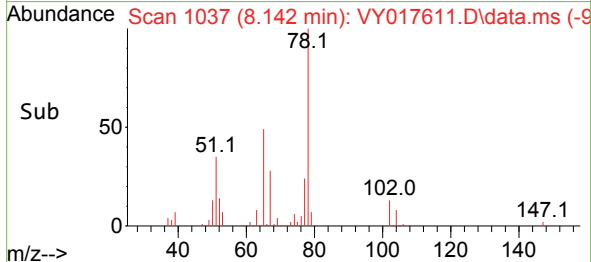
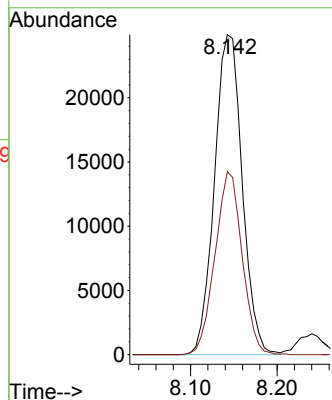
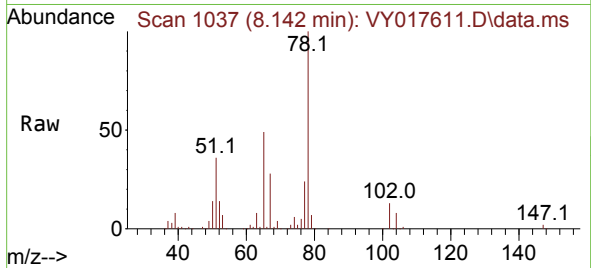
VSTDCCC050EC

Tgt Ion: 65 Resp: 55591

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

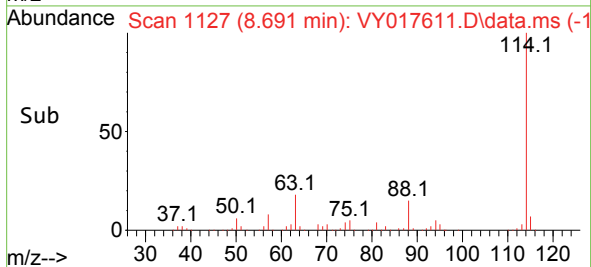
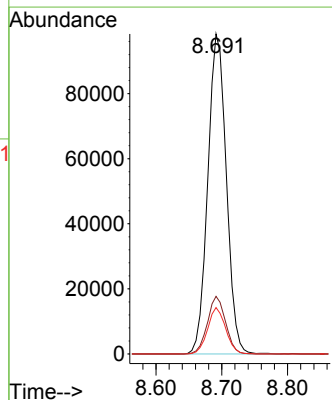
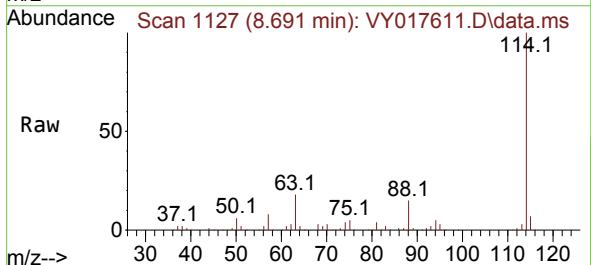
Tgt Ion: 114 Resp: 192801

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.5 0.0 27.2

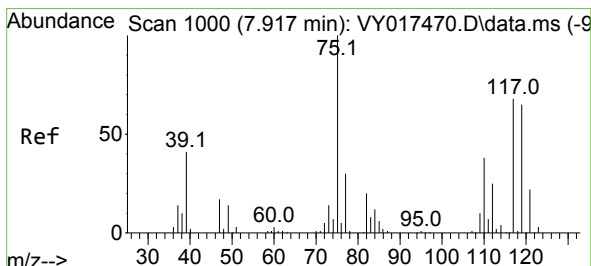
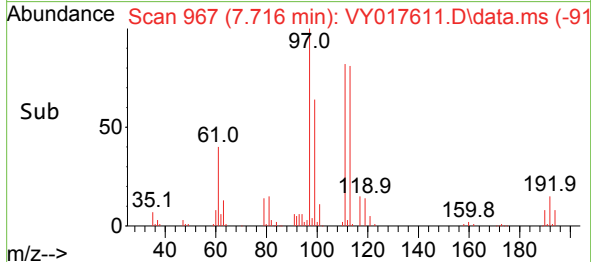
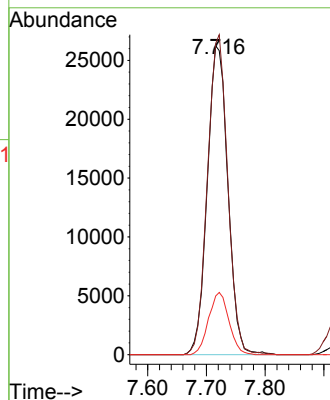
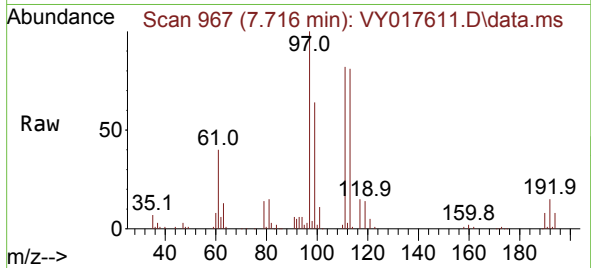




#35
Dibromofluoromethane
Concen: 47.635 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

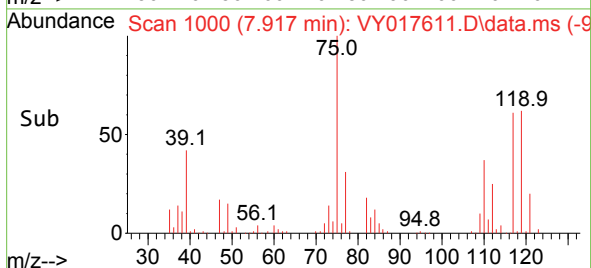
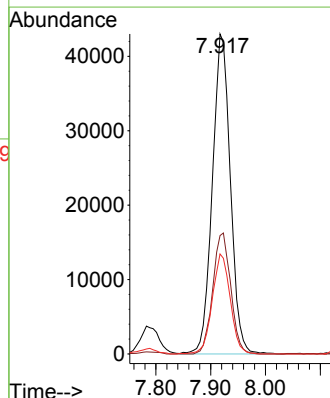
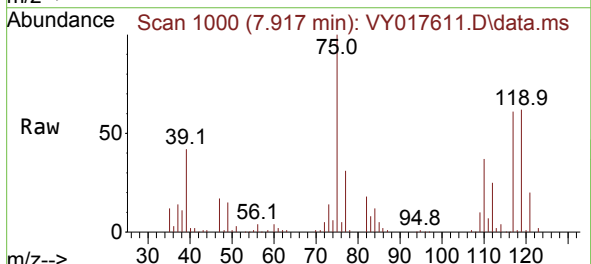
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

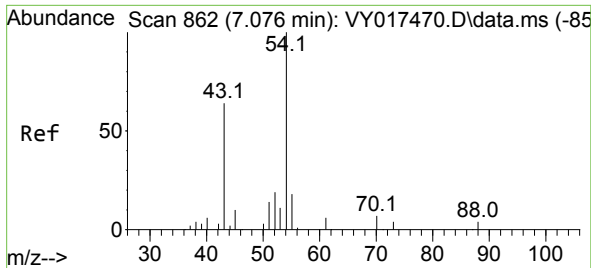
Tgt Ion:	113	Resp:	63998
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	19.9	15.9	23.9



#36
1,1-Dichloropropene
Concen: 54.045 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion:	75	Resp:	97965
Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.0	57.0
77	31.2	25.3	37.9

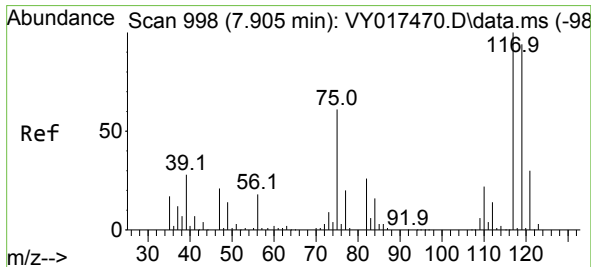
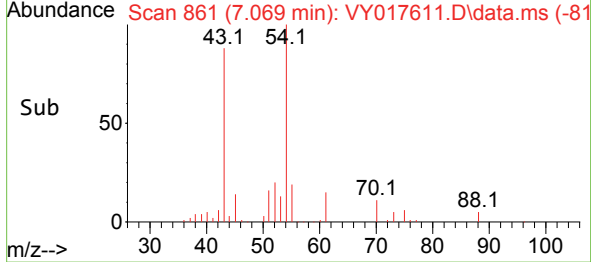
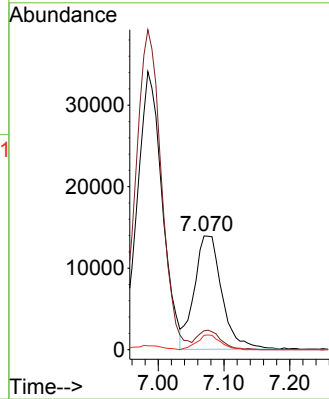
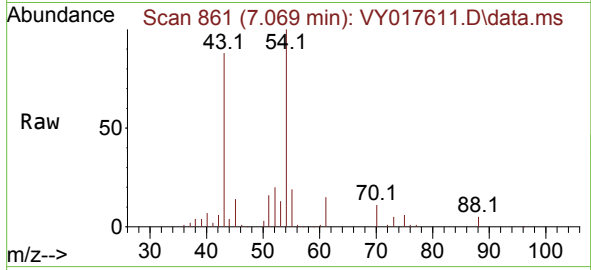




#37
Ethyl Acetate
Concen: 56.573 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

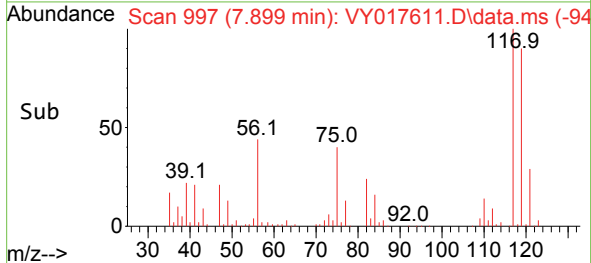
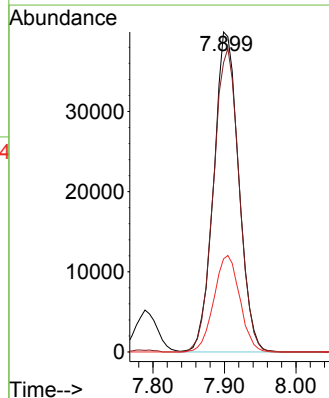
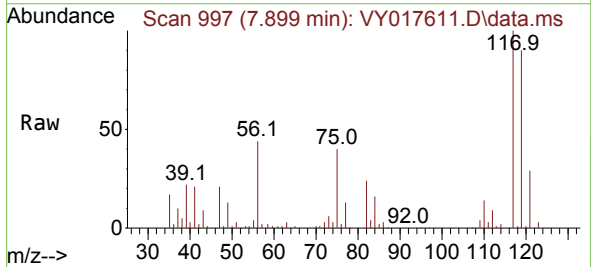
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

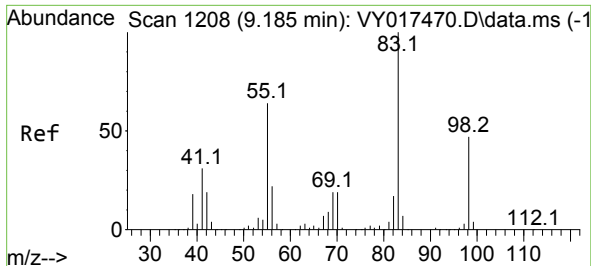
Tgt Ion: 43	Resp:	40503
Ion Ratio	Lower	Upper
43	100	
61	14.5	12.6 19.0
70	11.2	7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.380 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 117	Resp:	96976
Ion Ratio	Lower	Upper
117	100	
119	90.4	75.8 113.6
121	29.1	24.0 36.0





#39

Methylcyclohexane

Concen: 54.892 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

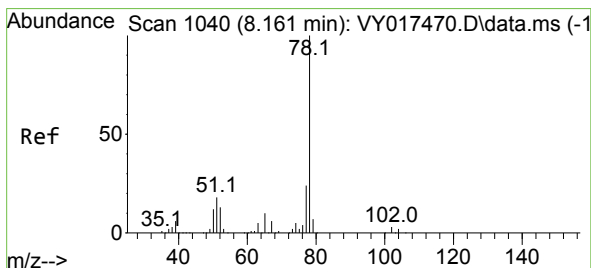
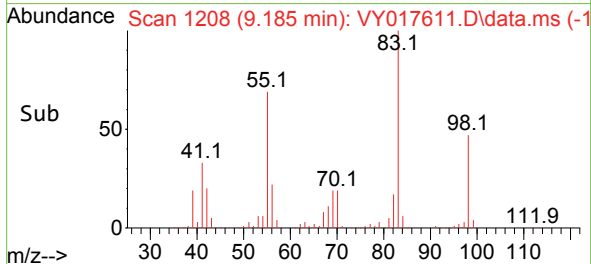
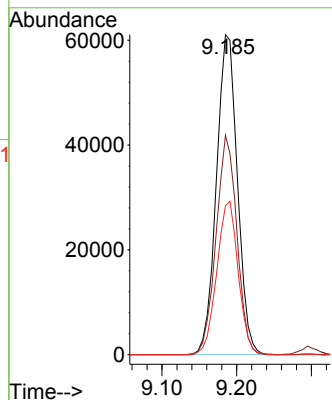
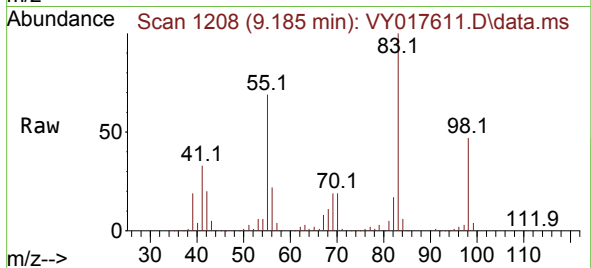
Tgt Ion: 83 Resp: 119579

Ion Ratio Lower Upper

83 100

55 68.5 51.5 77.3

98 46.5 40.5 60.7



#40

Benzene

Concen: 55.139 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017611.D

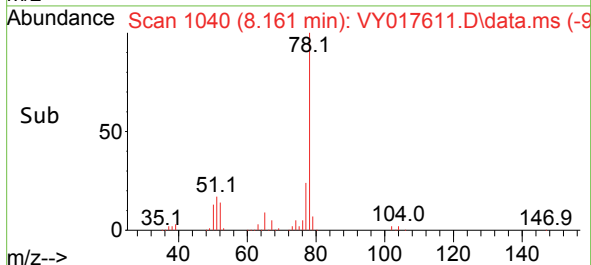
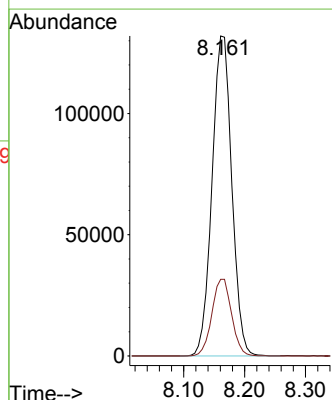
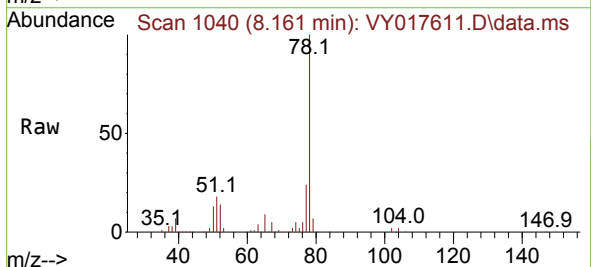
Acq: 07 Mar 2024 18:43

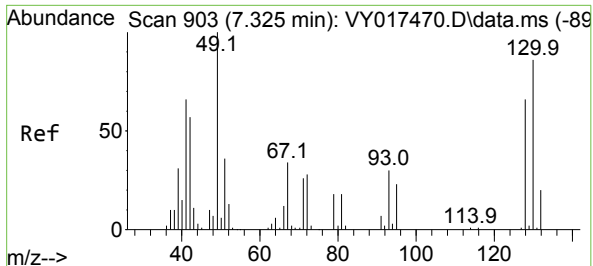
Tgt Ion: 78 Resp: 296819

Ion Ratio Lower Upper

78 100

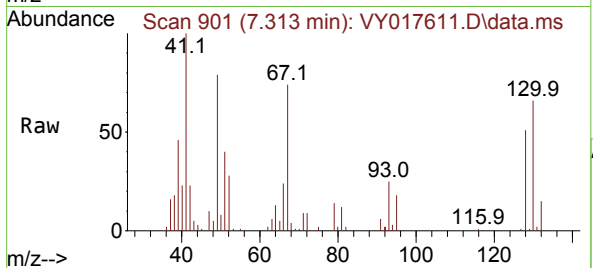
77 24.0 19.5 29.3



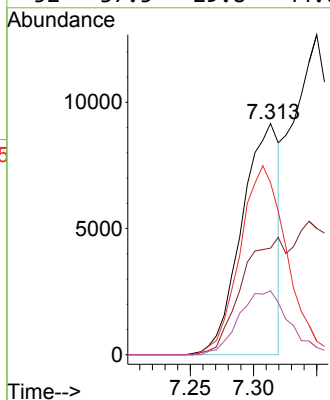
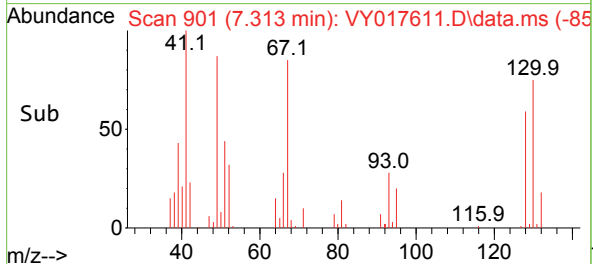


#41
Methacrylonitrile
Concen: 52.423 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

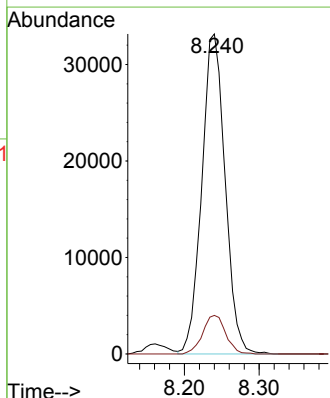
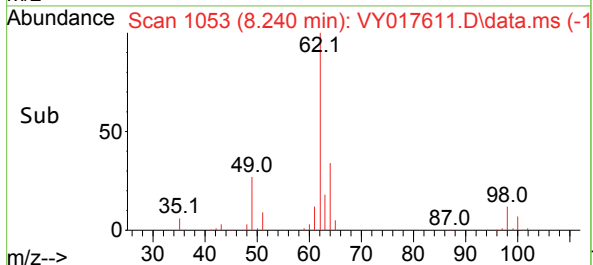
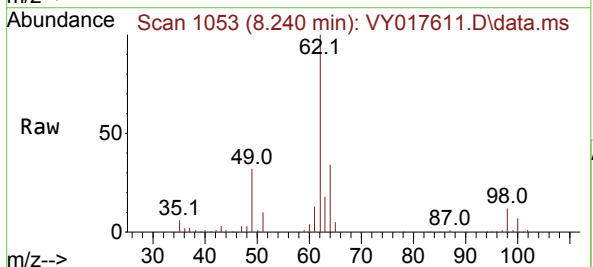


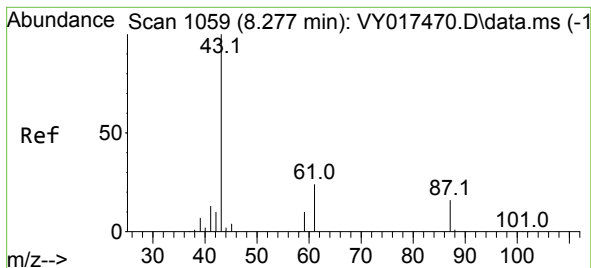
Tgt Ion: 41 Resp: 18834
Ion Ratio Lower Upper
41 100
39 59.6 48.0 72.0
67 103.0 75.1 112.7
52 37.5 29.8 44.6



#42
1,2-Dichloroethane
Concen: 54.744 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 62 Resp: 71902
Ion Ratio Lower Upper
62 100
98 11.9 0.0 22.0





#43

Isopropyl Acetate

Concen: 57.055 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

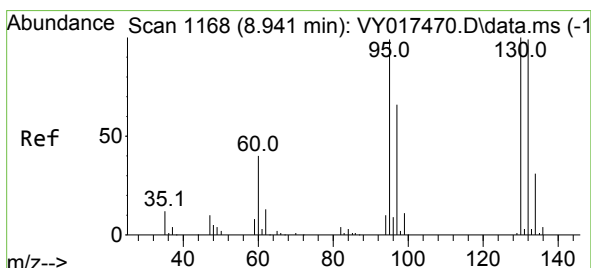
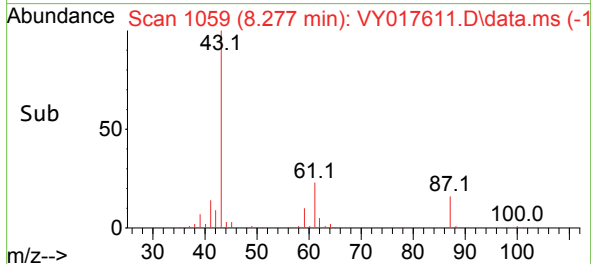
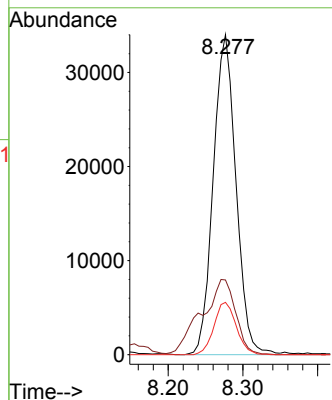
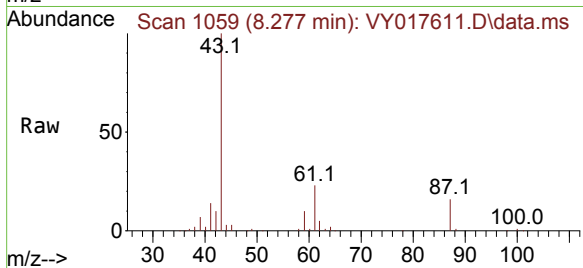
Tgt Ion: 43 Resp: 71781

Ion Ratio Lower Upper

43 100

61 35.3 27.9 41.9

87 16.1 13.1 19.7



#44

Trichloroethene

Concen: 53.037 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017611.D

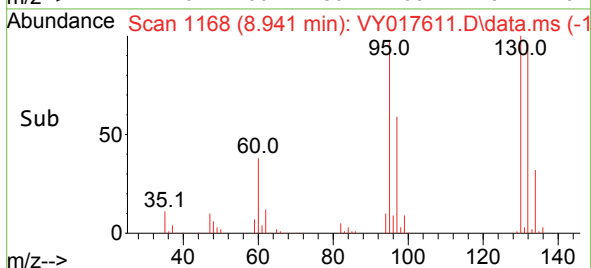
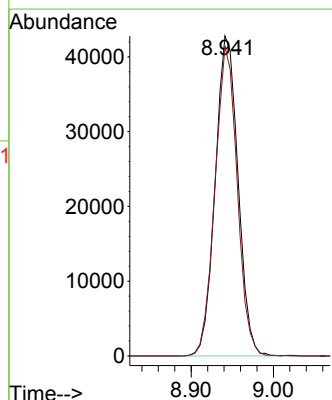
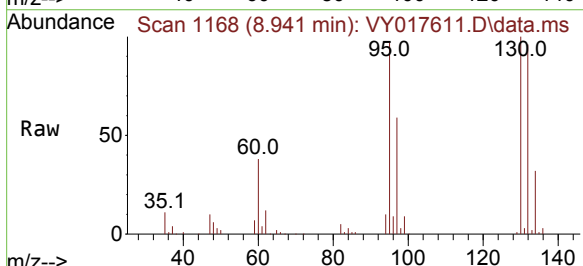
Acq: 07 Mar 2024 18:43

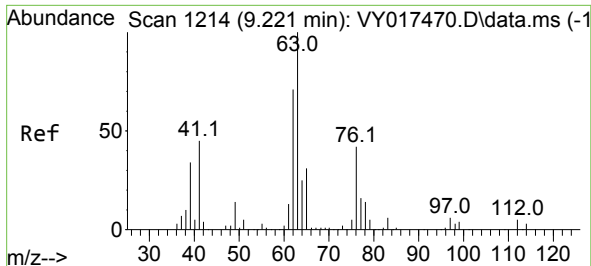
Tgt Ion:130 Resp: 82291

Ion Ratio Lower Upper

130 100

95 96.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.902 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

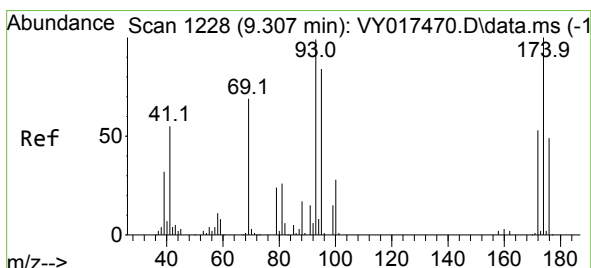
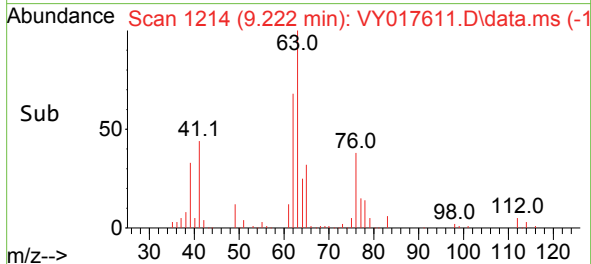
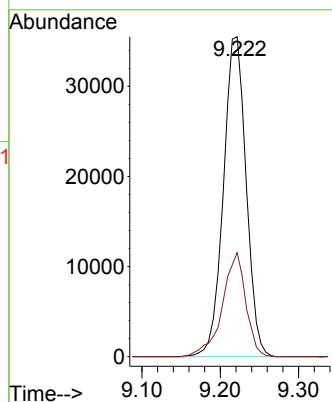
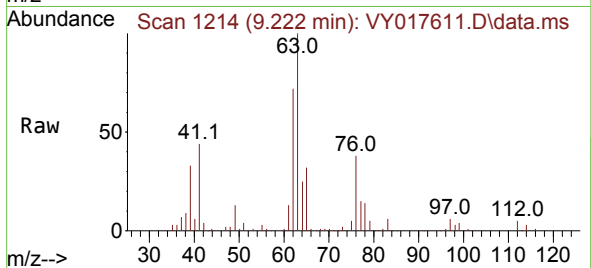
VSTDCCC050EC

Tgt Ion: 63 Resp: 71596

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 55.880 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

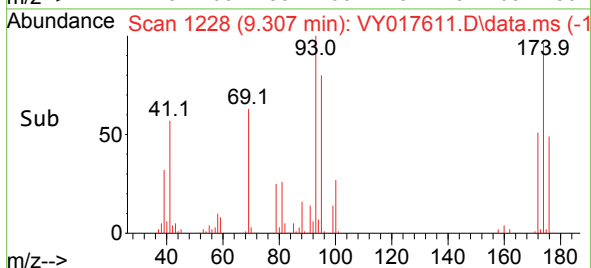
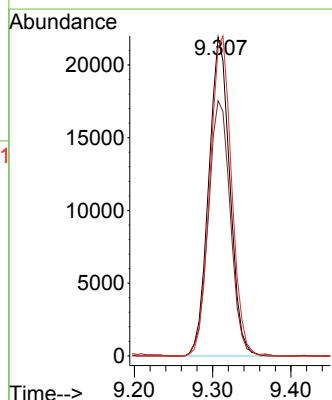
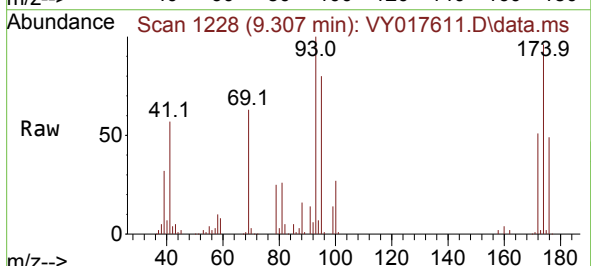
Tgt Ion: 93 Resp: 40958

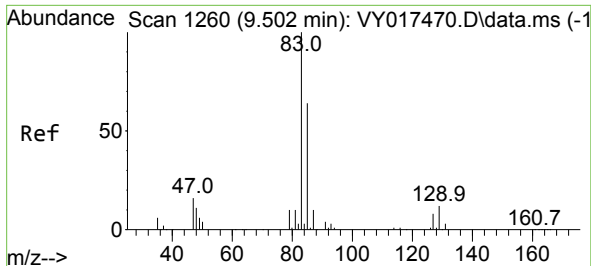
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 102.8 80.9 121.3

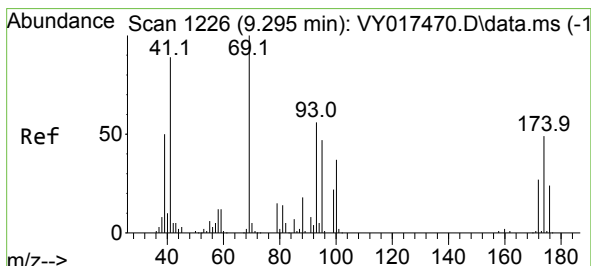
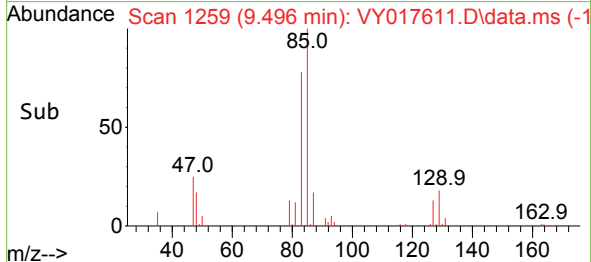
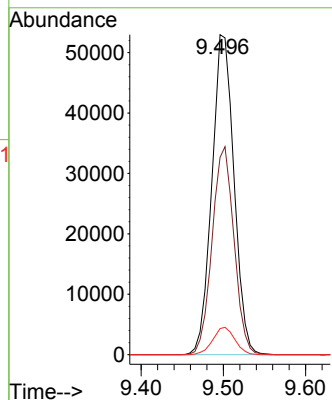
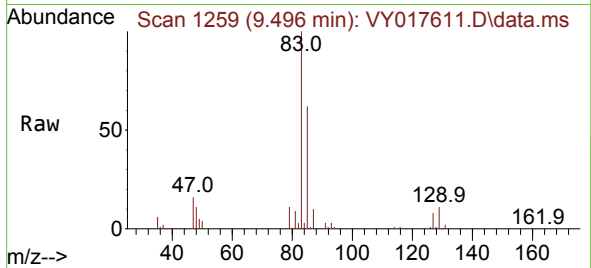




#47
Bromodichloromethane
Concen: 55.625 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

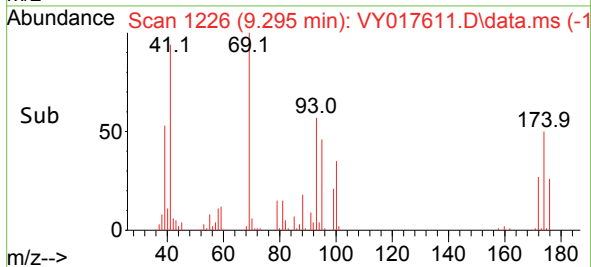
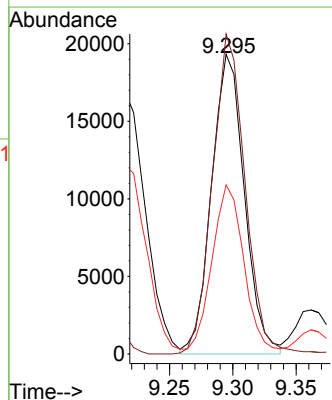
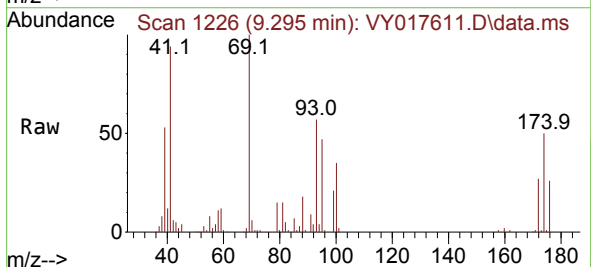
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

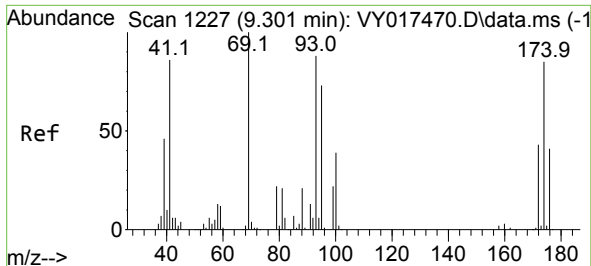
Tgt Ion: 83 Resp: 98996
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 59.937 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 41 Resp: 34904
Ion Ratio Lower Upper
41 100
69 106.1 84.1 126.1
39 52.2 43.6 65.4

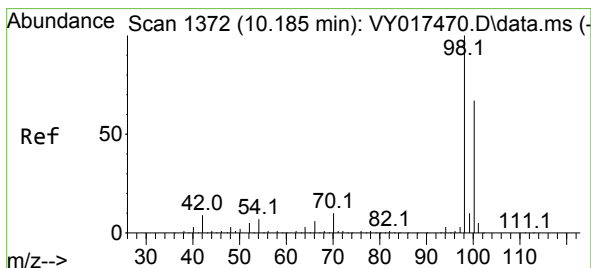
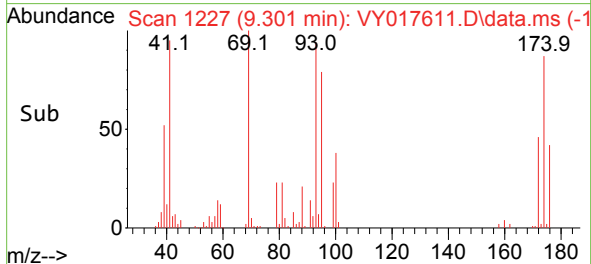
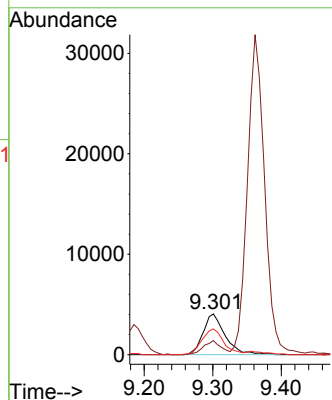
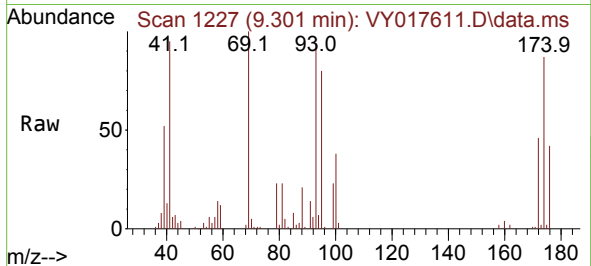




#49
1,4-Dioxane
Concen: 1099.083 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

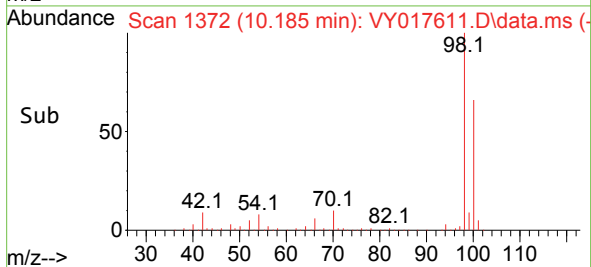
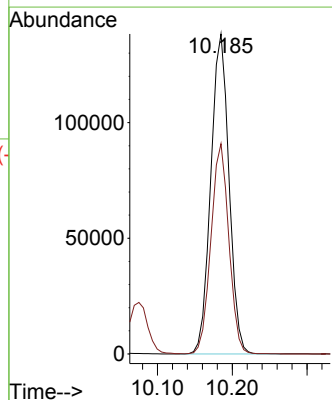
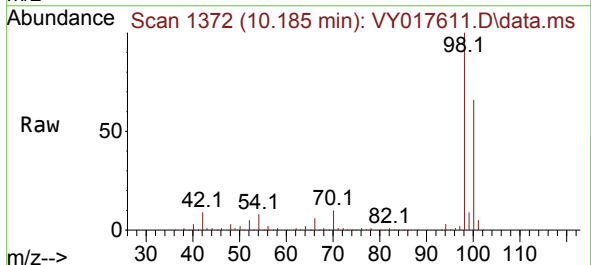
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

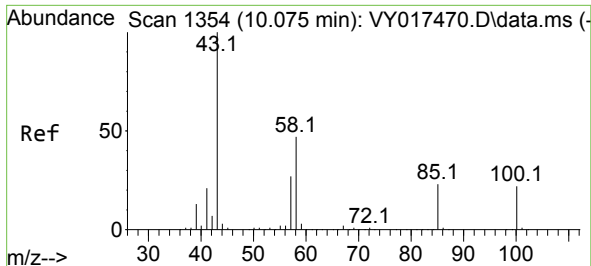
Tgt Ion: 88 Resp: 9117
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0#
58 62.0 49.3 73.9



#50
Toluene-d8
Concen: 49.835 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 98 Resp: 234092
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

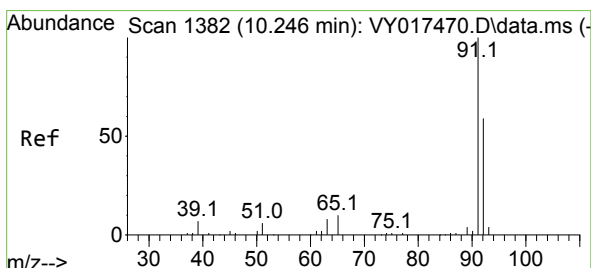
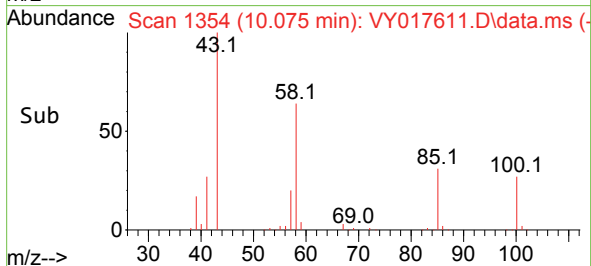
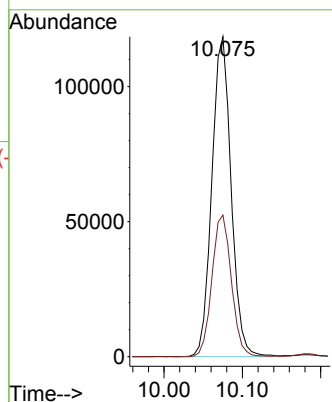
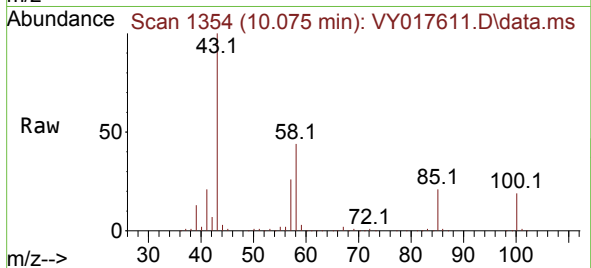




#51
4-Methyl-2-Pentanone
Concen: 288.845 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

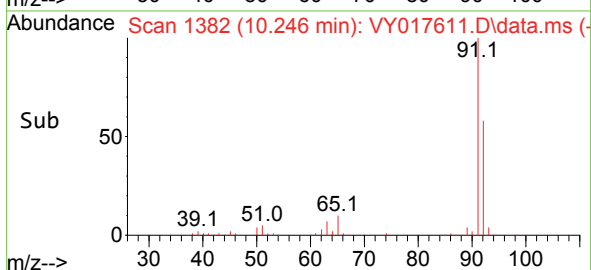
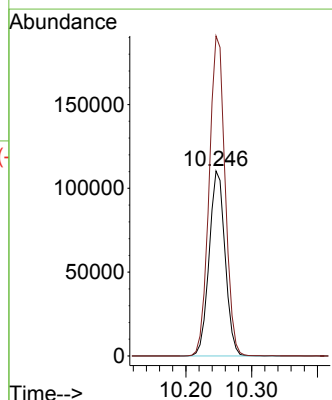
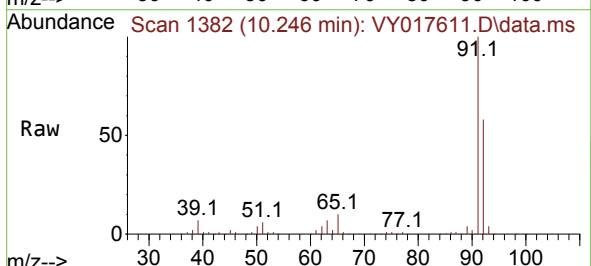
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

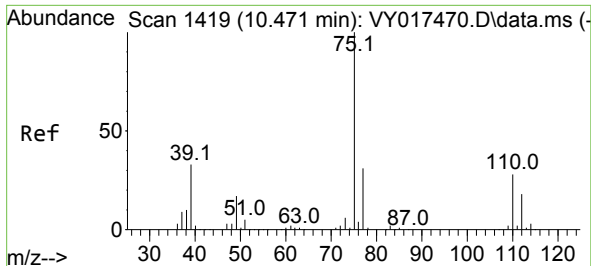
Tgt Ion: 43 Resp: 202530
Ion Ratio Lower Upper
43 100
58 44.7 35.7 53.5



#52
Toluene
Concen: 54.817 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 92 Resp: 186027
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.6

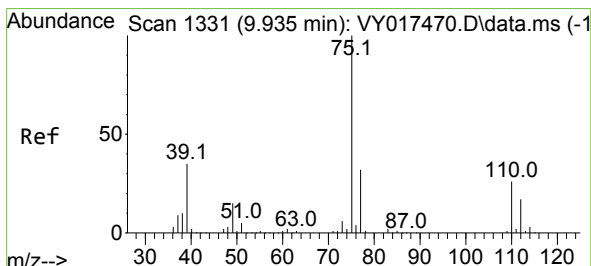
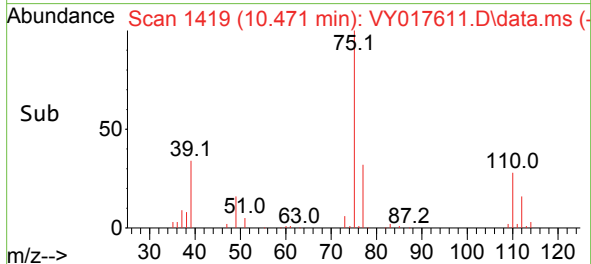
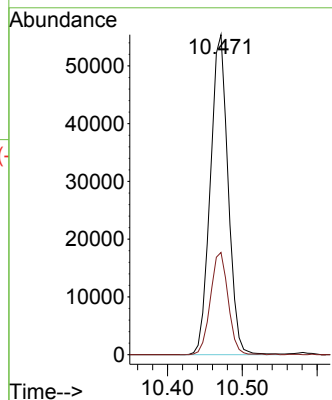
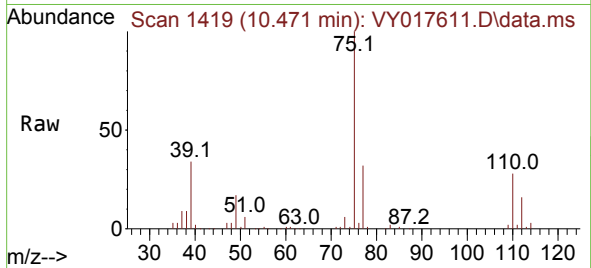




#53
t-1,3-Dichloropropene
Concen: 55.388 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

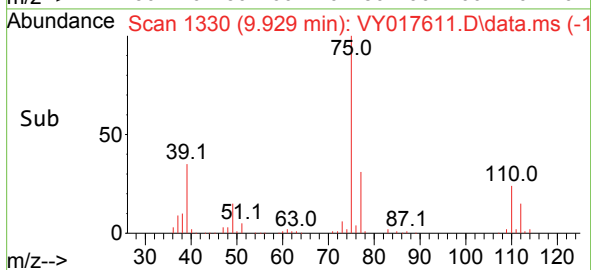
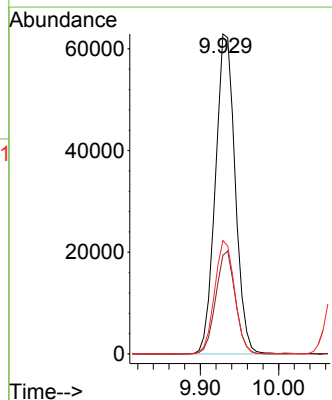
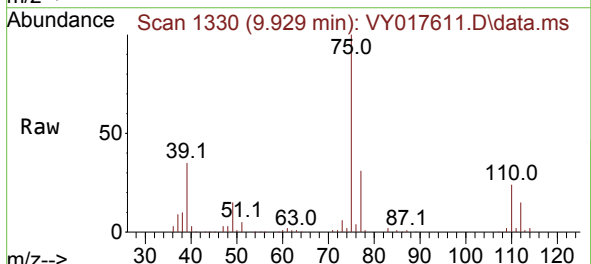
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

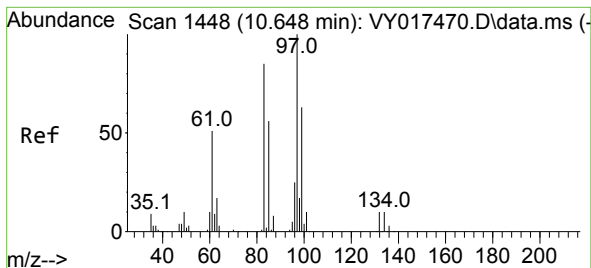
Tgt Ion: 75 Resp: 91494
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 55.074 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 75 Resp: 110543
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 35.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 54.217 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 56422

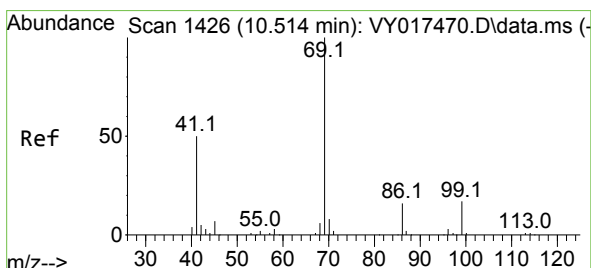
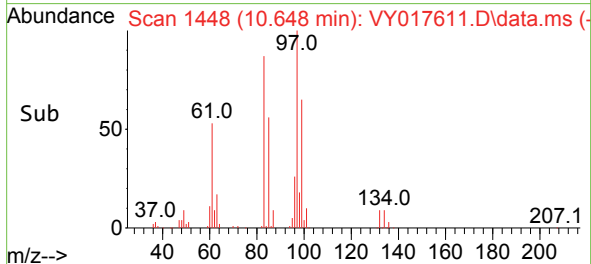
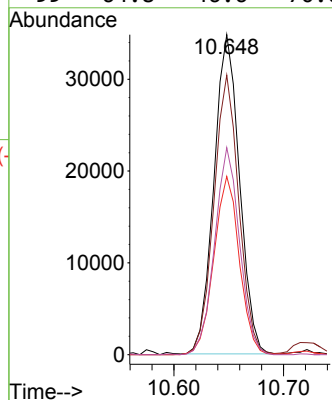
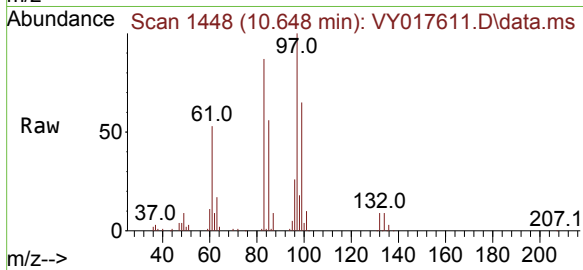
Ion Ratio Lower Upper

97 100

83 87.4 67.5 101.3

85 55.8 42.9 64.3

99 64.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.353 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

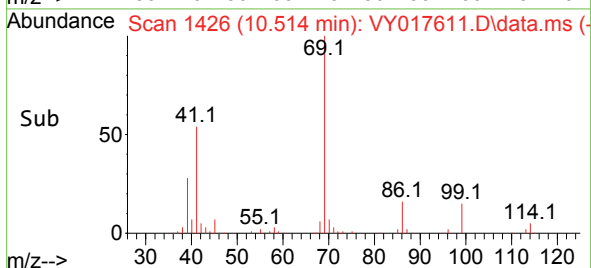
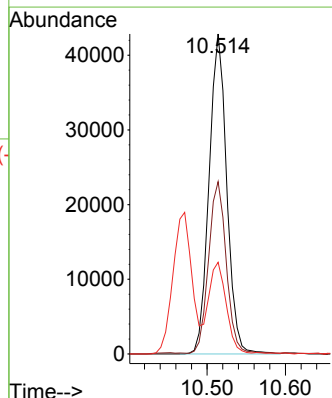
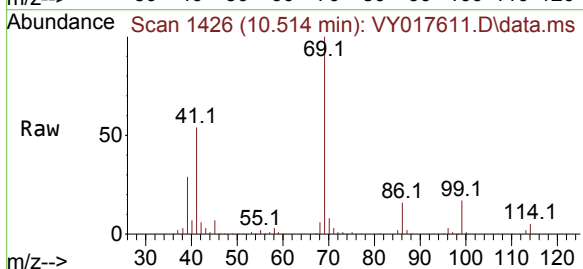
Tgt Ion: 69 Resp: 67187

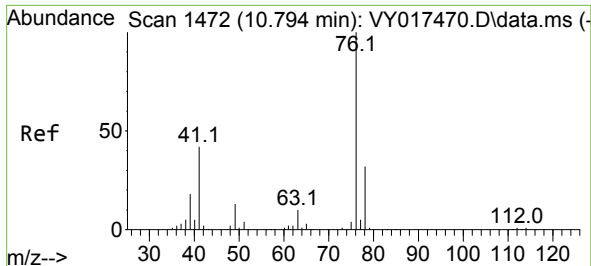
Ion Ratio Lower Upper

69 100

41 53.3 42.3 63.5

39 28.9 22.9 34.3

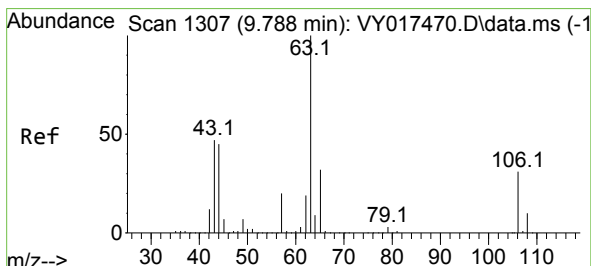
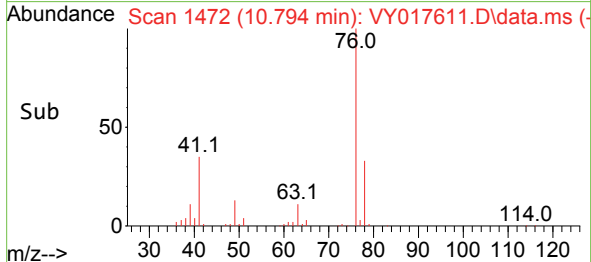
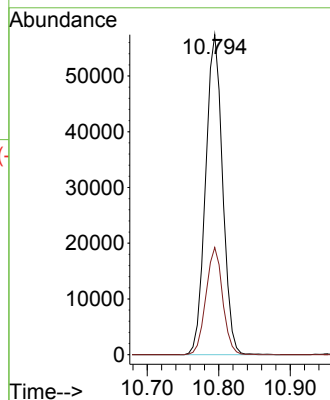
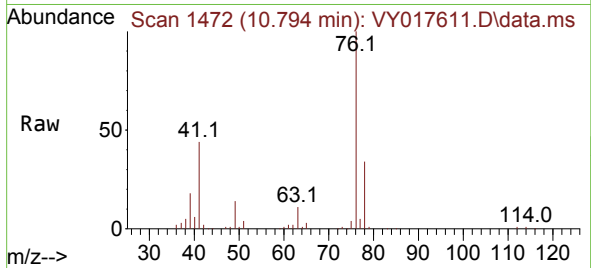




#57
1,3-Dichloropropane
Concen: 55.932 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

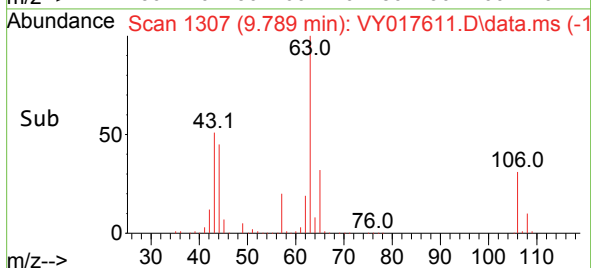
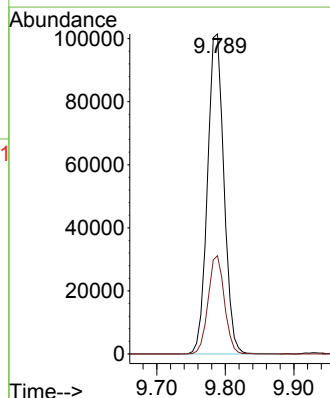
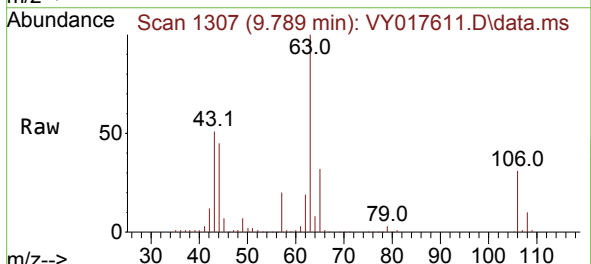
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

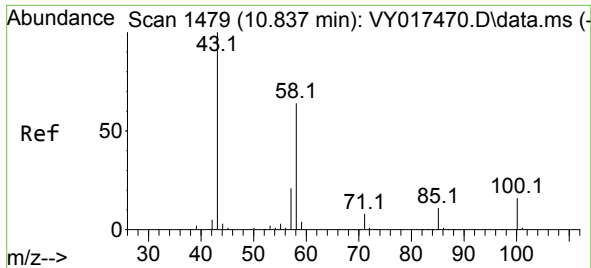
Tgt Ion: 76 Resp: 94637
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 282.066 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 63 Resp: 169387
Ion Ratio Lower Upper
63 100
106 30.3 23.7 35.5

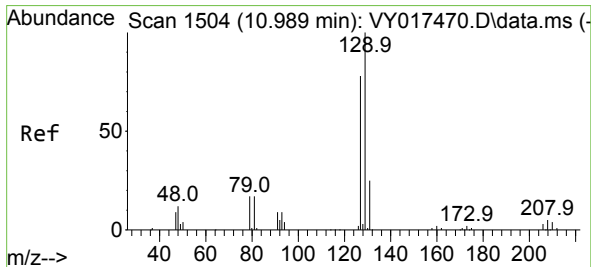
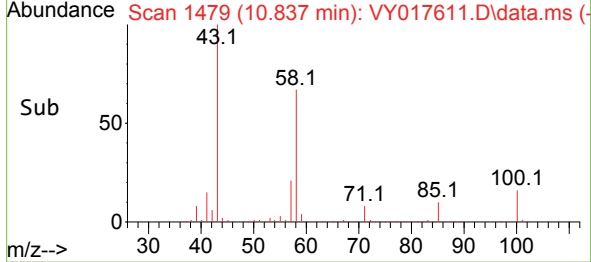
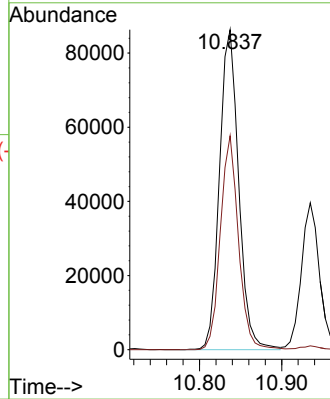
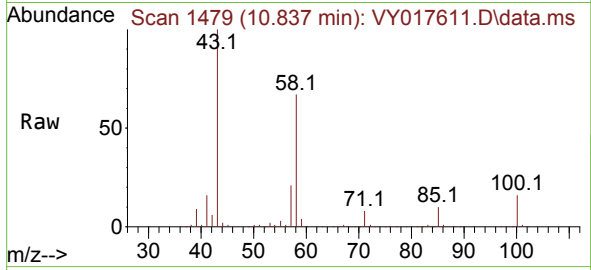




#59
2-Hexanone
Concen: 290.740 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

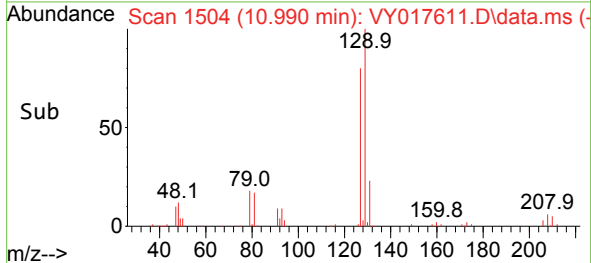
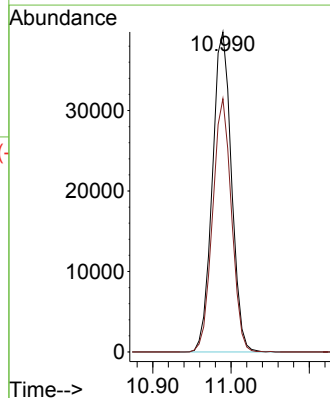
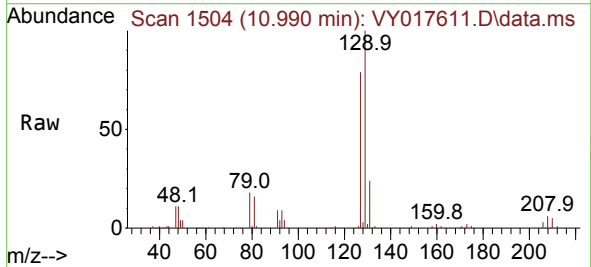
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 140026
Ion Ratio Lower Upper
43 100
58 63.2 31.4 94.0



#60
Dibromochloromethane
Concen: 54.719 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion:129 Resp: 67366
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 54.868 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

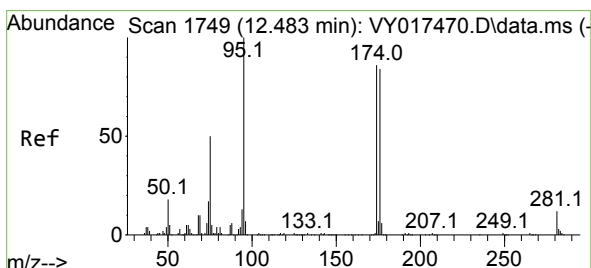
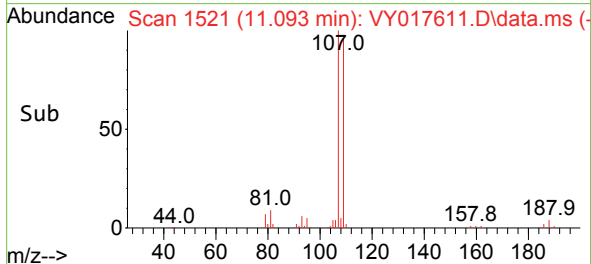
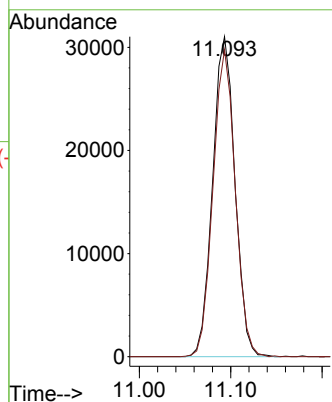
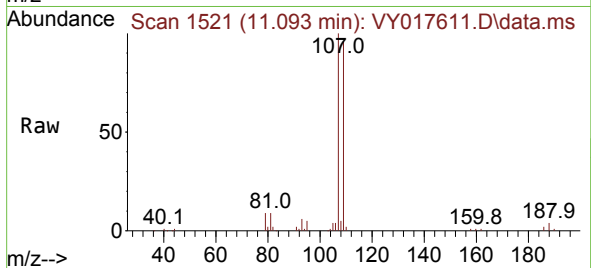
VSTDCCC050EC

Tgt Ion:107 Resp: 52620

Ion Ratio Lower Upper

107 100

109 95.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.711 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

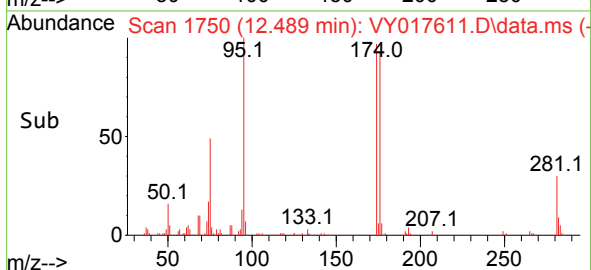
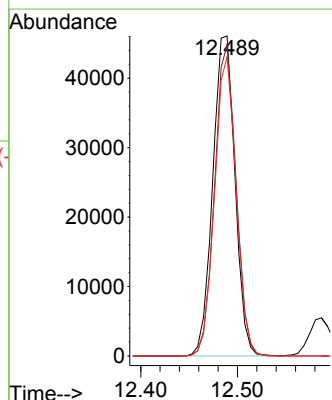
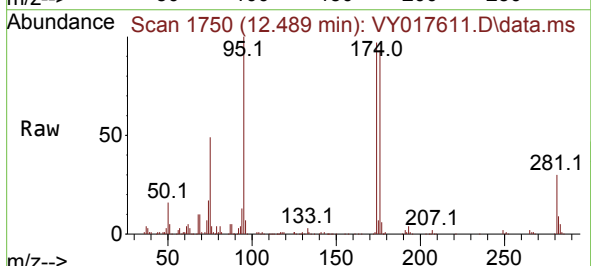
Tgt Ion: 95 Resp: 73387

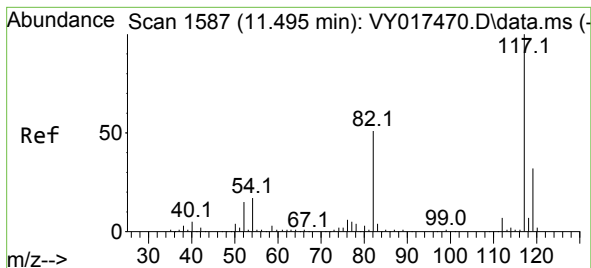
Ion Ratio Lower Upper

95 100

174 94.0 0.0 175.6

176 90.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

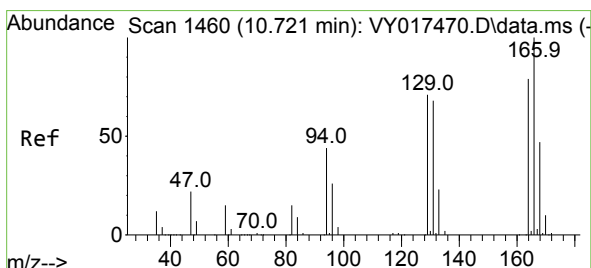
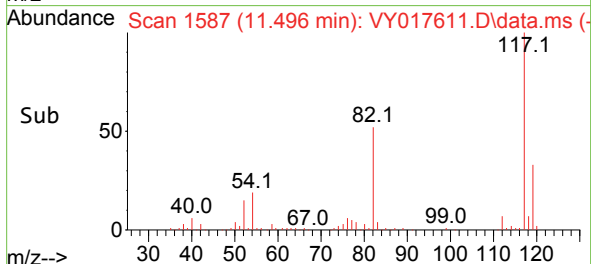
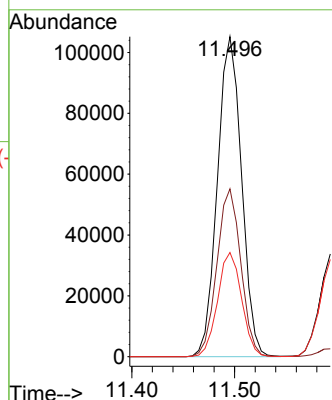
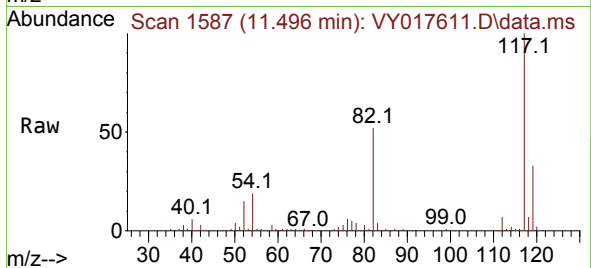
Tgt Ion:117 Resp: 171620

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.6 25.9 38.9



#64

Tetrachloroethene

Concen: 51.559 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Tgt Ion:164 Resp: 84930

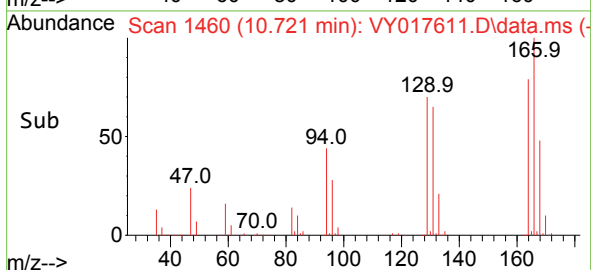
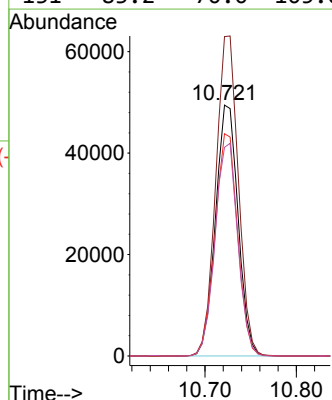
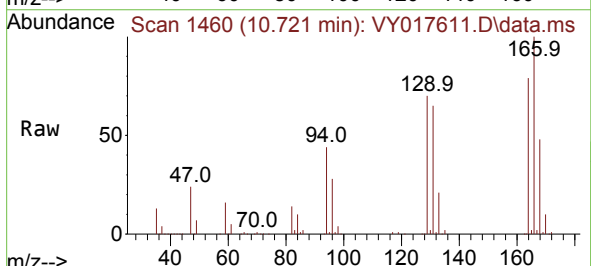
Ion Ratio Lower Upper

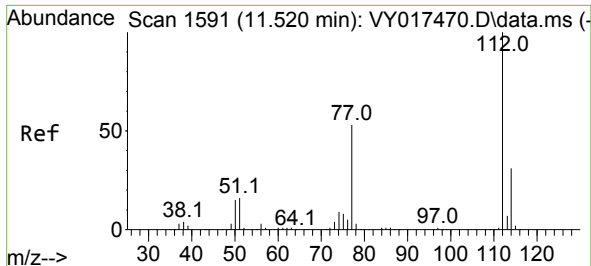
164 100

166 127.2 102.6 154.0

129 88.5 72.0 108.0

131 83.2 70.0 105.0

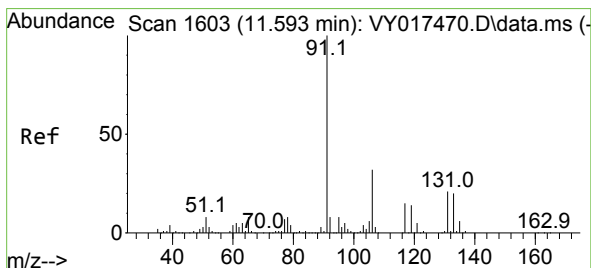
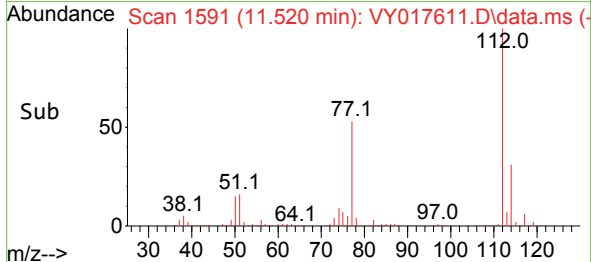
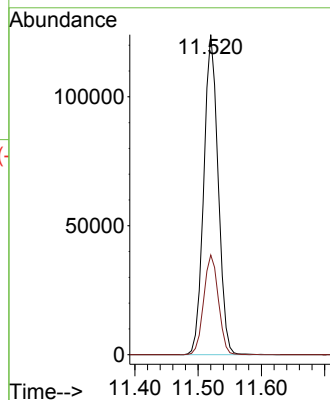
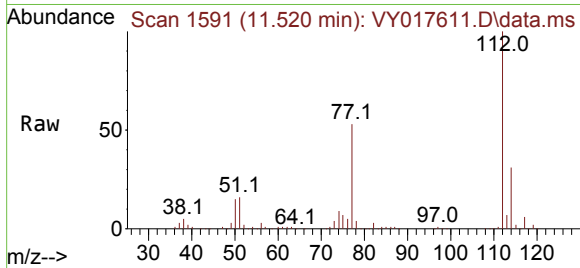




#65
Chlorobenzene
Concen: 53.907 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

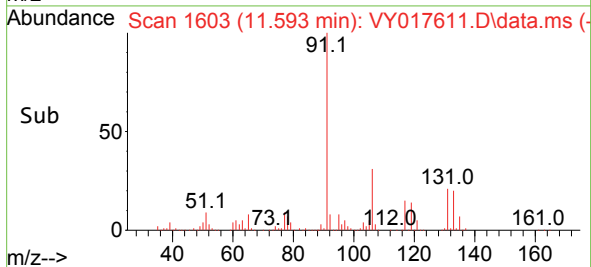
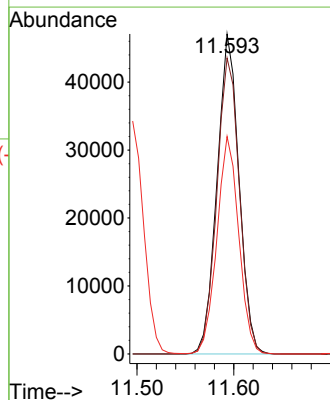
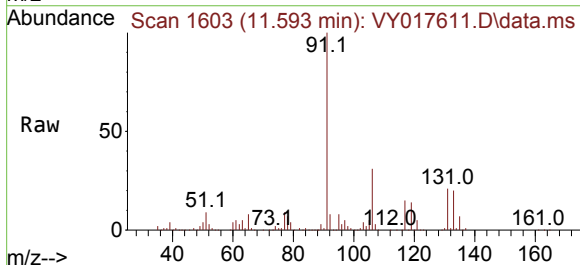
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

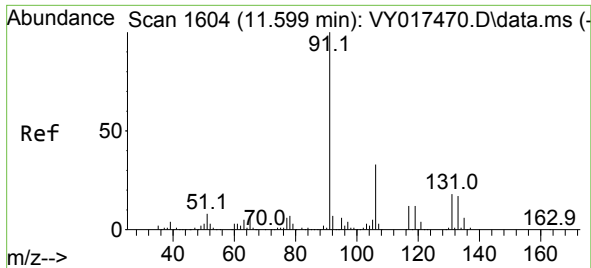
Tgt Ion:112 Resp: 196370
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.303 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion:131 Resp: 74107
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 67.8 34.1 102.2

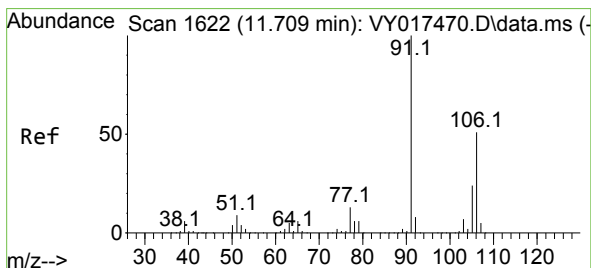
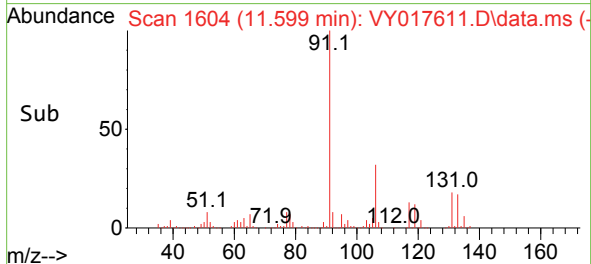
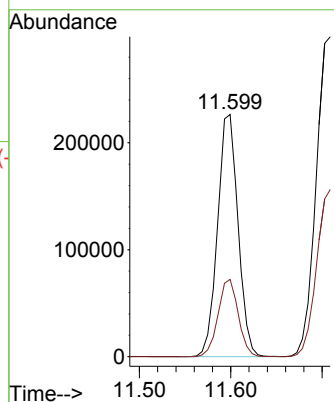
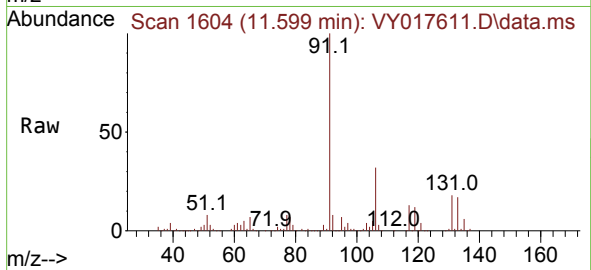




#67
Ethyl Benzene
Concen: 55.162 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

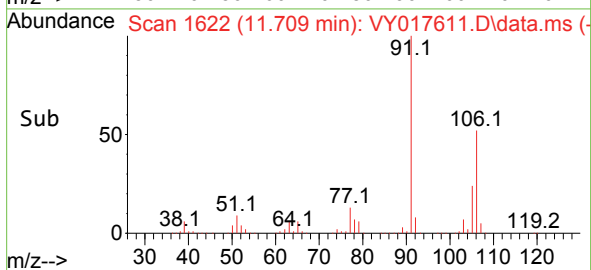
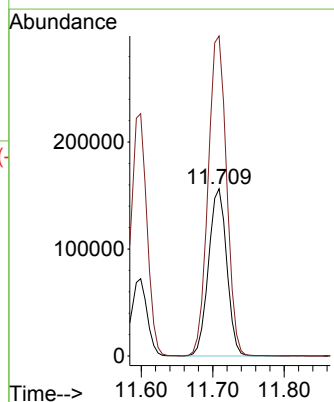
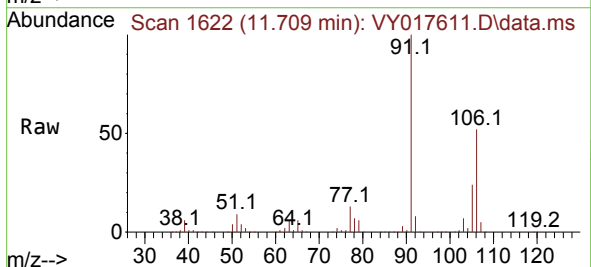
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

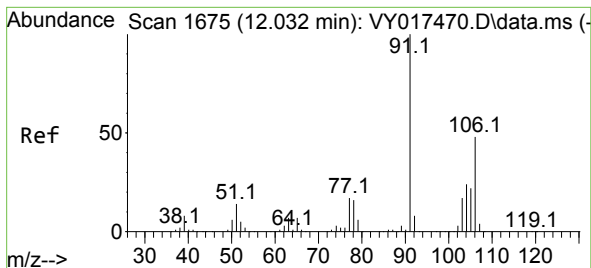
Tgt Ion: 91 Resp: 352404
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 110.214 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 106 Resp: 276669
Ion Ratio Lower Upper
106 100
91 194.4 156.0 234.0





#69

o-Xylene

Concen: 55.317 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

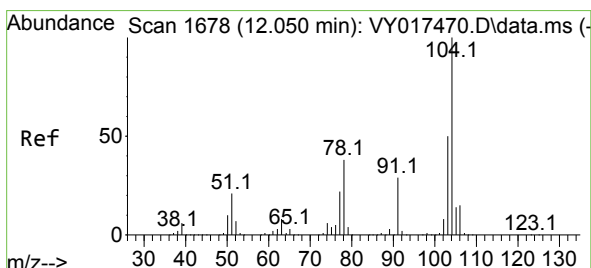
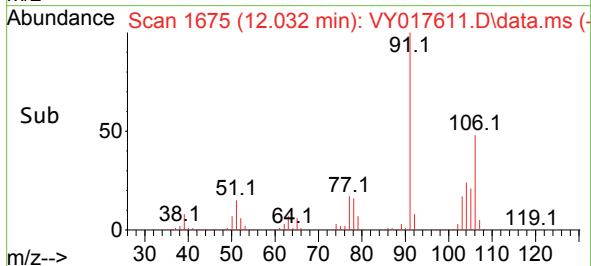
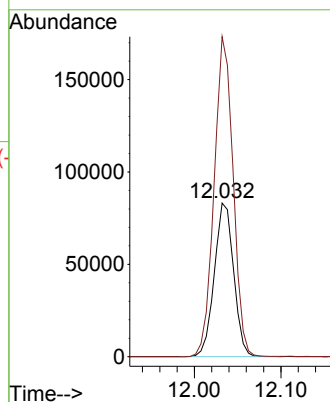
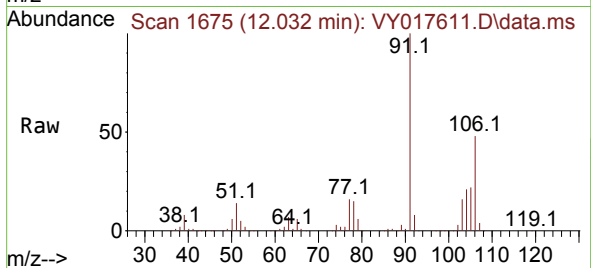
VSTDCCC050EC

Tgt Ion:106 Resp: 128827

Ion Ratio Lower Upper

106 100

91 205.0 103.6 310.8



#70

Styrene

Concen: 55.909 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

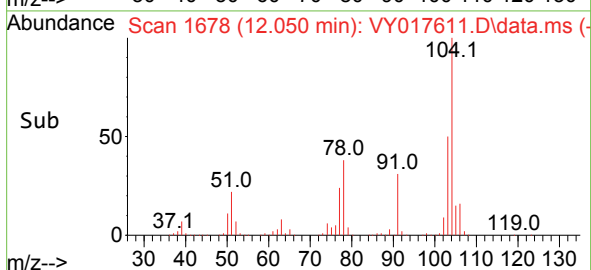
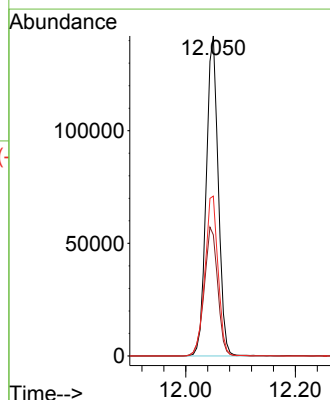
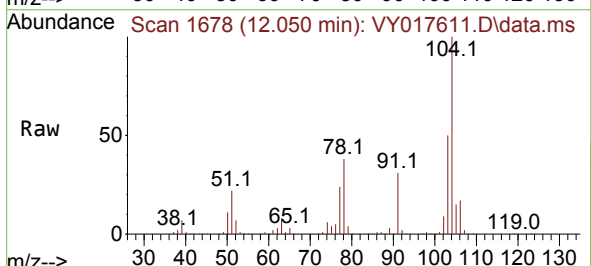
Tgt Ion:104 Resp: 216131

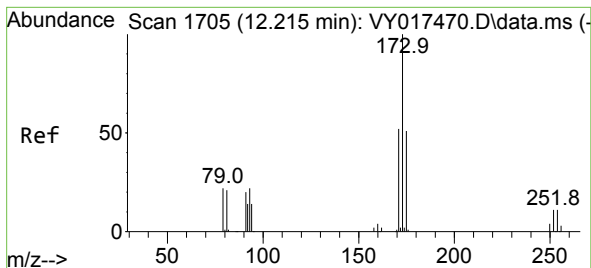
Ion Ratio Lower Upper

104 100

78 44.8 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 55.445 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

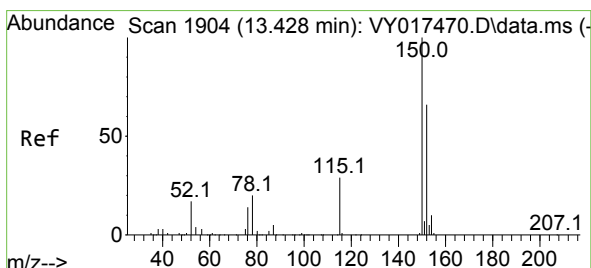
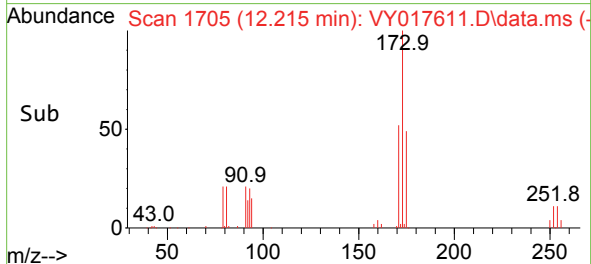
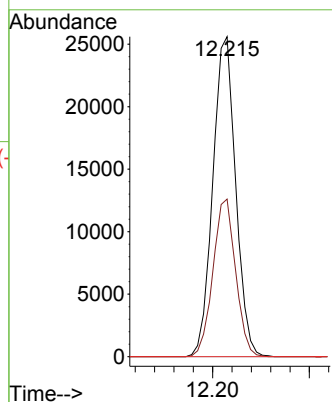
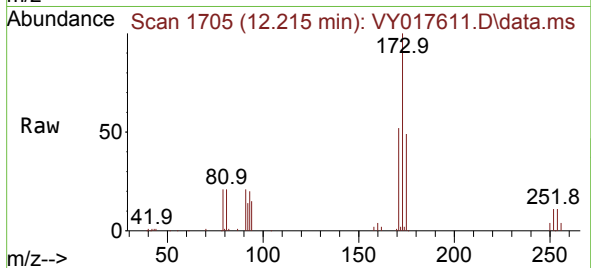
Tgt Ion:173 Resp: 41930

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

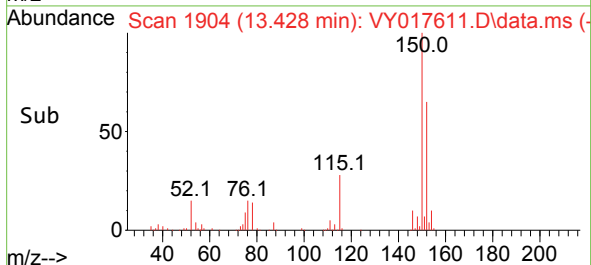
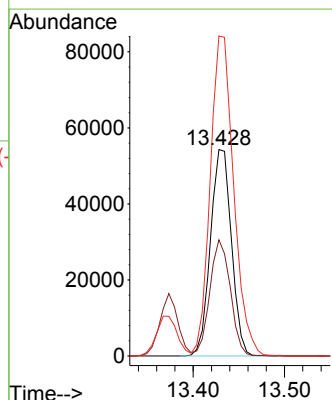
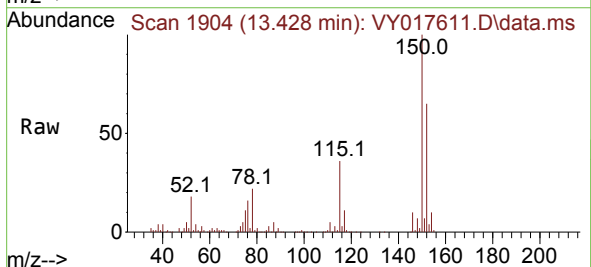
Tgt Ion:152 Resp: 86717

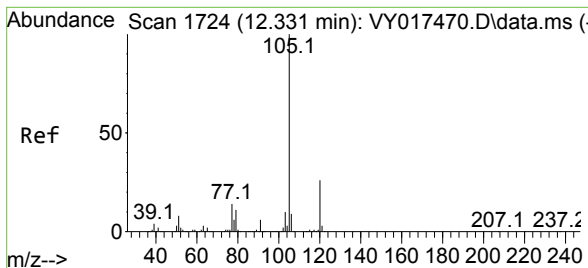
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 172.9 0.0 345.6





#73

Isopropylbenzene

Concen: 51.694 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

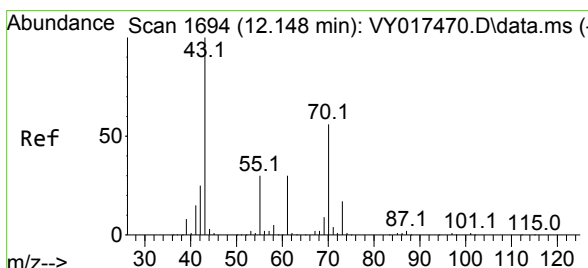
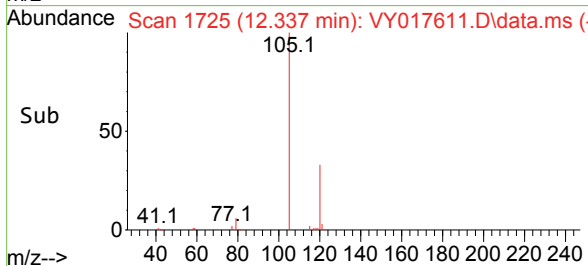
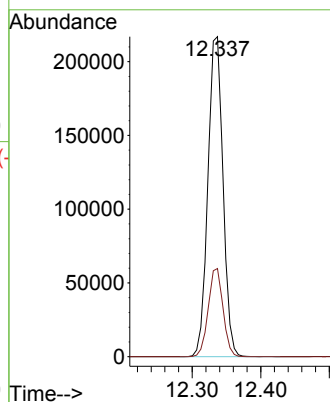
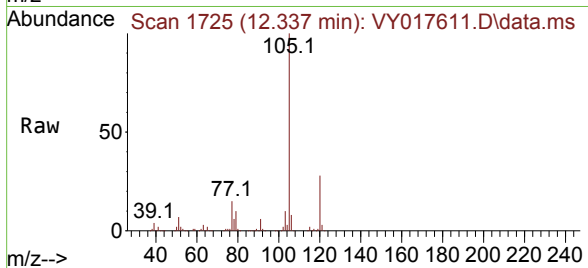
VSTDCCC050EC

Tgt Ion:105 Resp: 333038

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 54.701 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Tgt Ion: 43 Resp: 62156

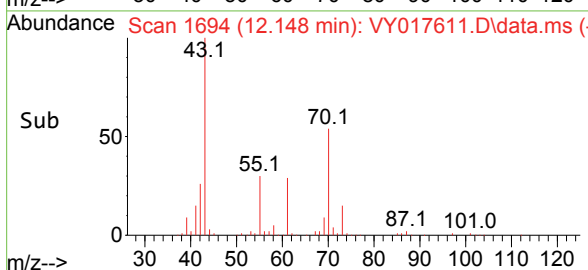
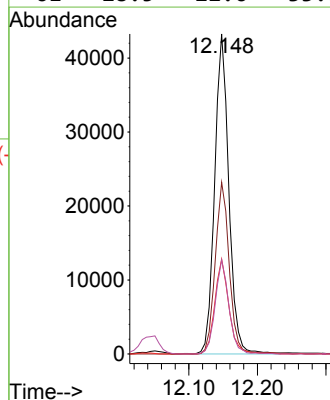
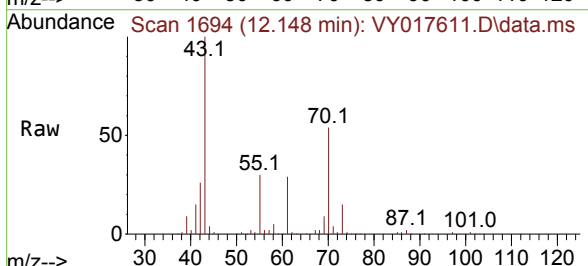
Ion Ratio Lower Upper

43 100

70 53.5 41.4 62.2

55 29.8 23.3 34.9

61 28.5 22.6 33.8

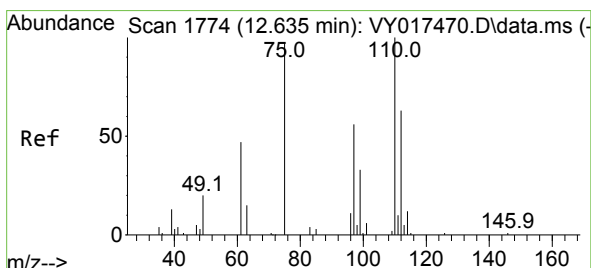
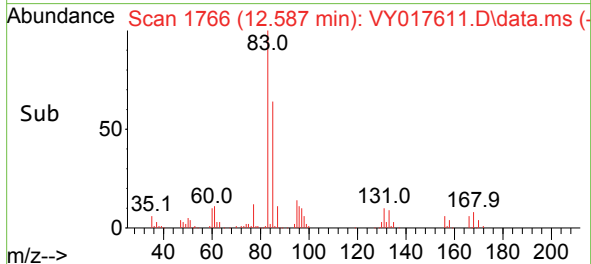
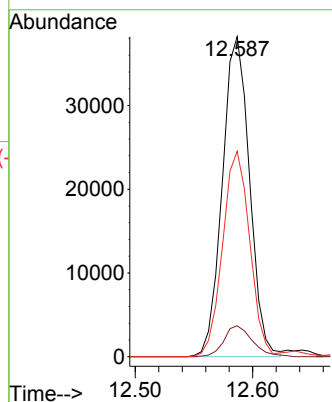
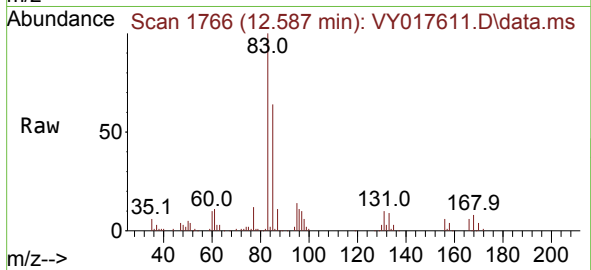




#75
1,1,2,2-Tetrachloroethane
Concen: 55.470 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

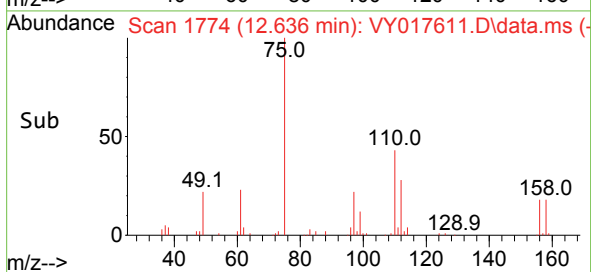
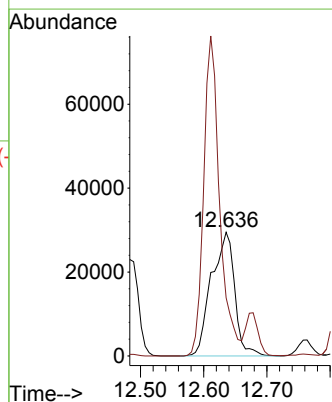
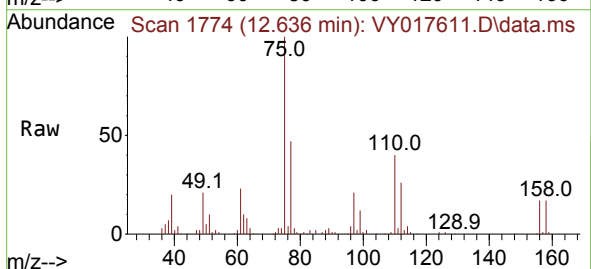
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 61368
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 91.352 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 75 Resp: 75269
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.049 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

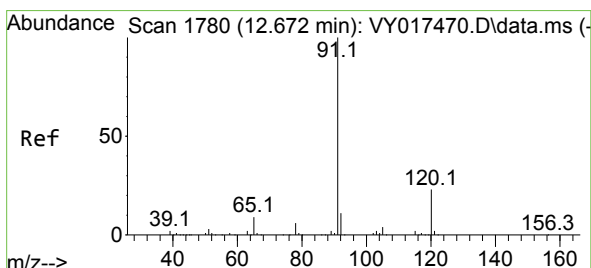
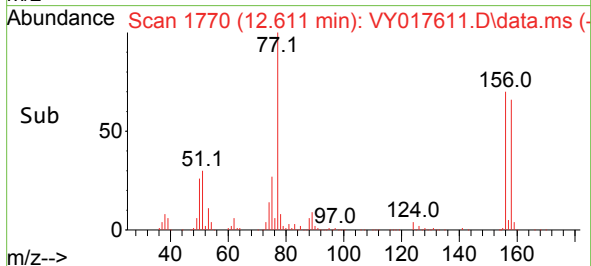
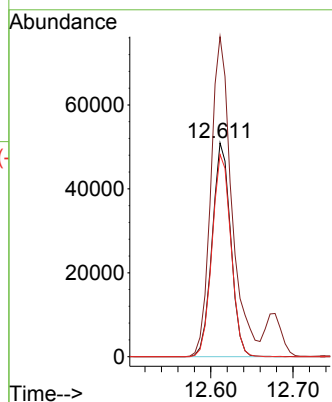
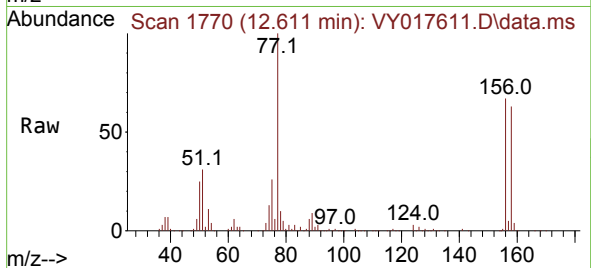
Tgt Ion:156 Resp: 79645

Ion Ratio Lower Upper

156 100

77 169.2 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 52.608 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017611.D

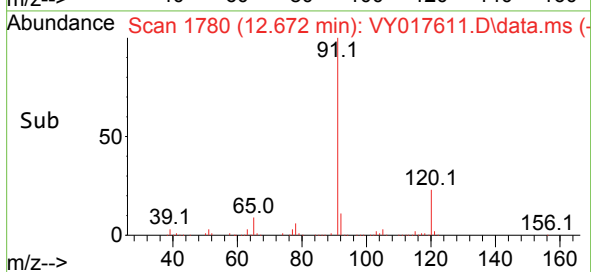
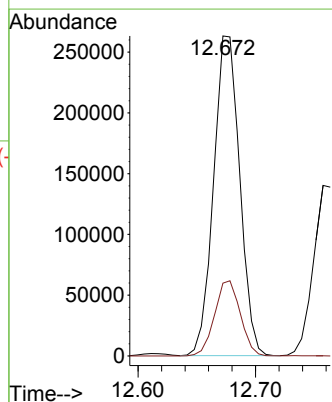
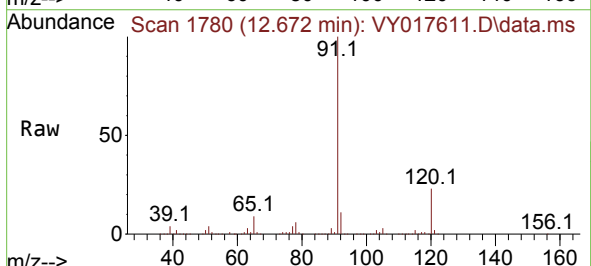
Acq: 07 Mar 2024 18:43

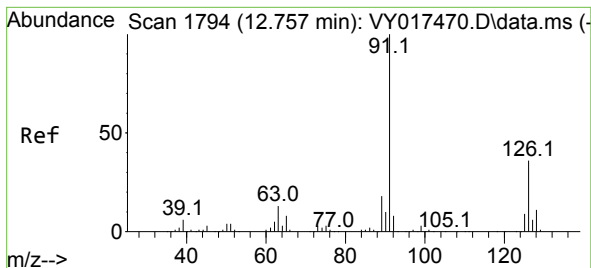
Tgt Ion: 91 Resp: 406681

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.216 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

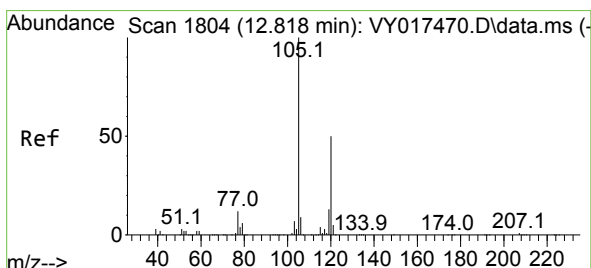
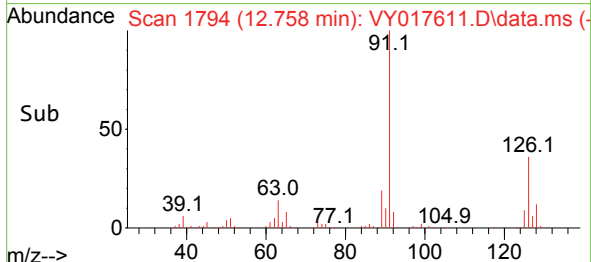
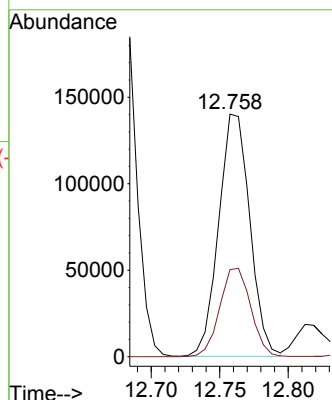
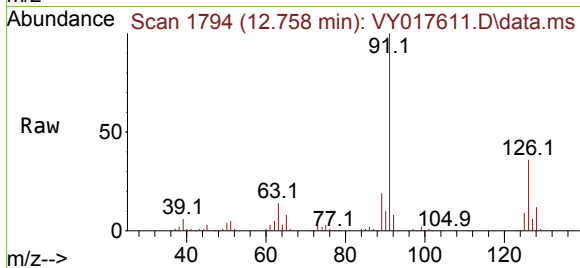
VSTDCCC050EC

Tgt Ion: 91 Resp: 221667

Ion Ratio Lower Upper

91 100

126 36.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.664 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017611.D

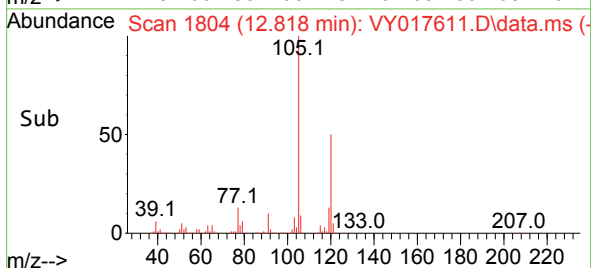
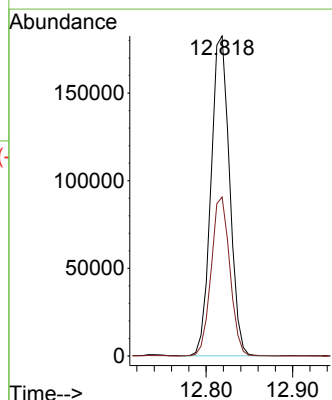
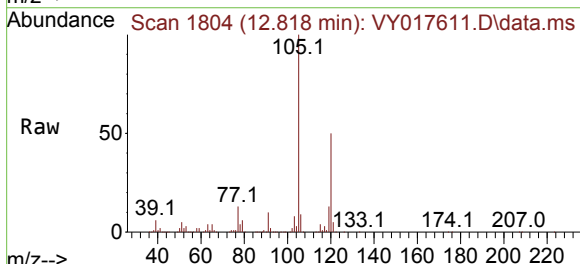
Acq: 07 Mar 2024 18:43

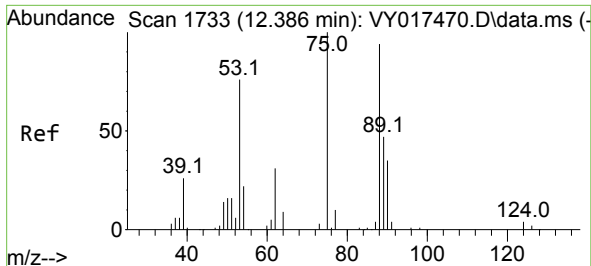
Tgt Ion: 105 Resp: 271823

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

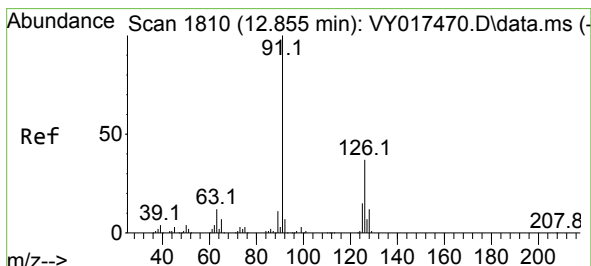
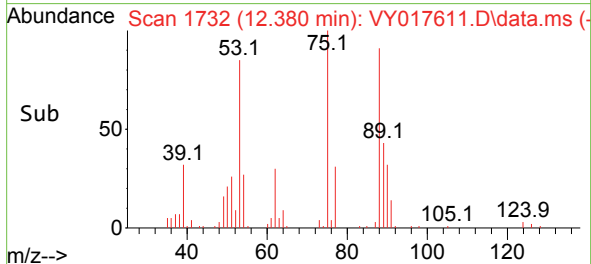
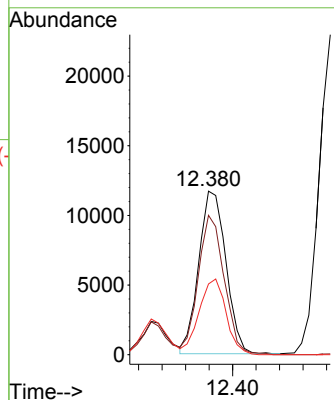
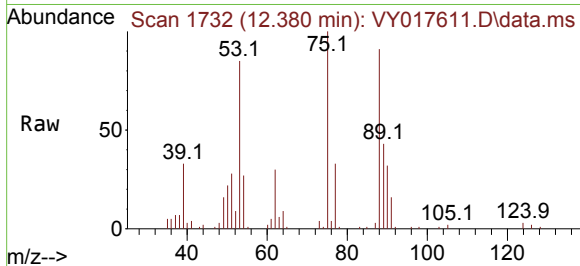




#81
trans-1,4-Dichloro-2-butene
Concen: 52.398 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

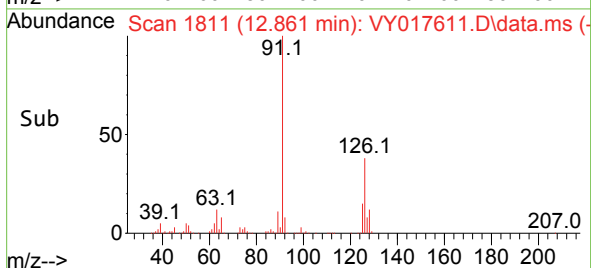
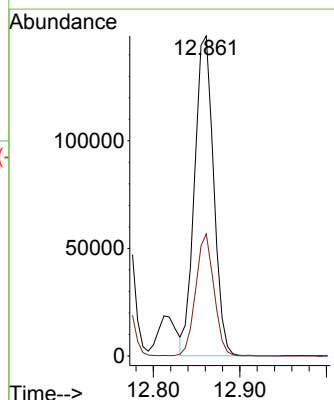
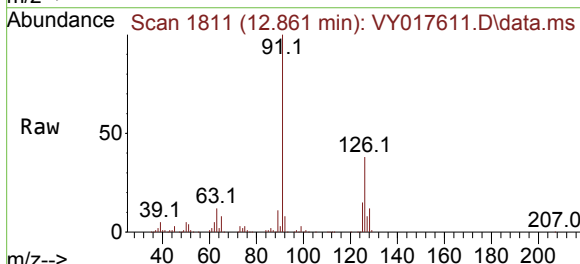
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

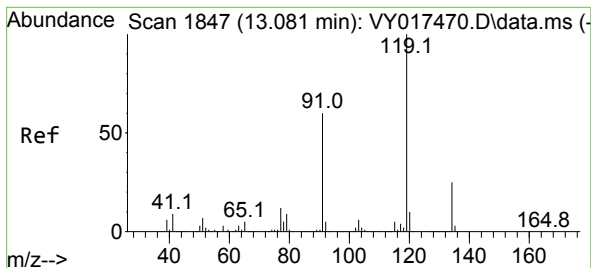
Tgt Ion: 75 Resp: 18789
Ion Ratio Lower Upper
75 100
53 82.0 66.8 100.2
89 46.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.284 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 91 Resp: 227024
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.369 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

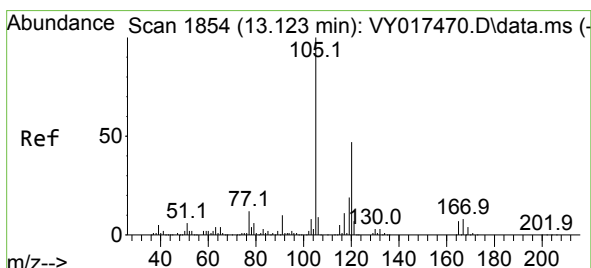
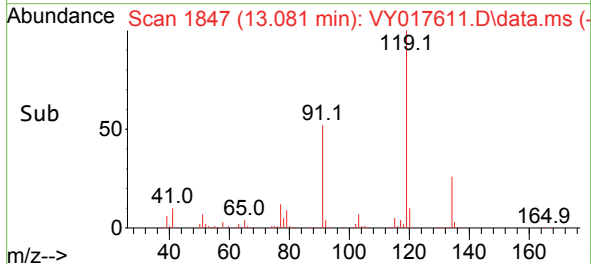
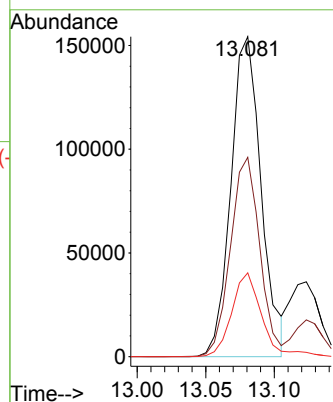
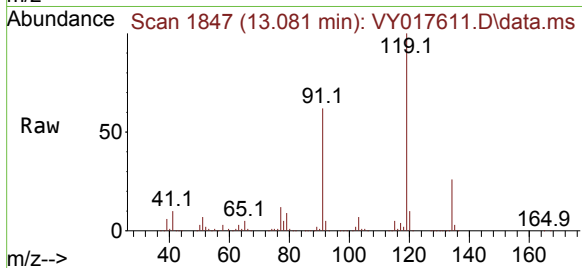
Tgt Ion:119 Resp: 237358

Ion Ratio Lower Upper

119 100

91 60.5 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.711 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017611.D

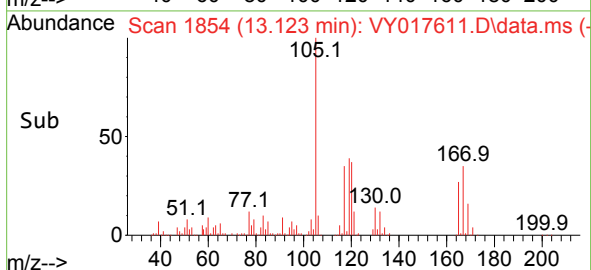
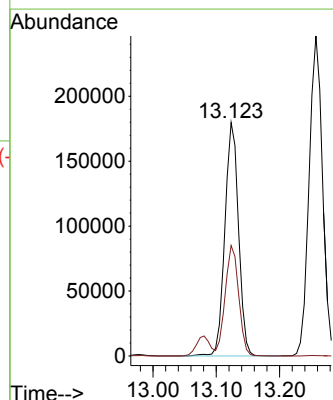
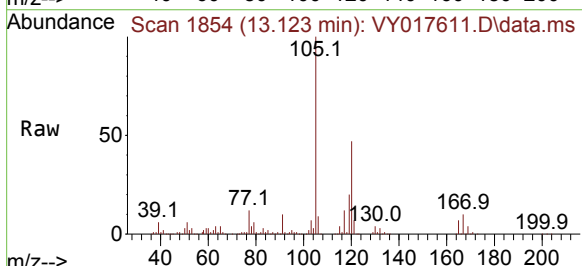
Acq: 07 Mar 2024 18:43

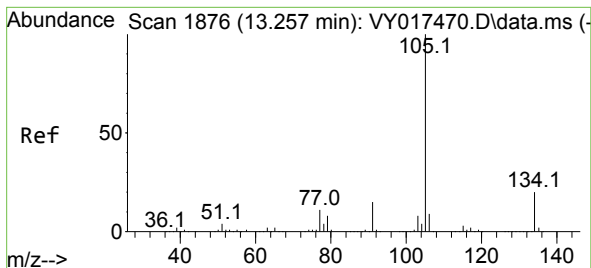
Tgt Ion:105 Resp: 268596

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.076 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

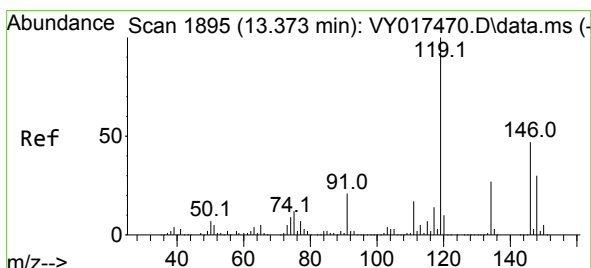
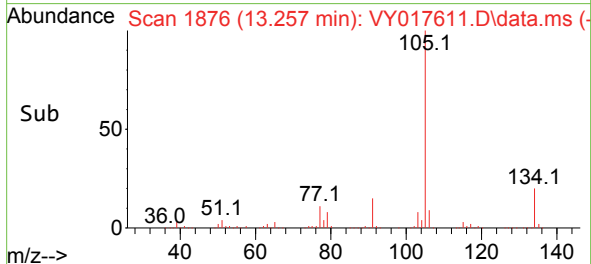
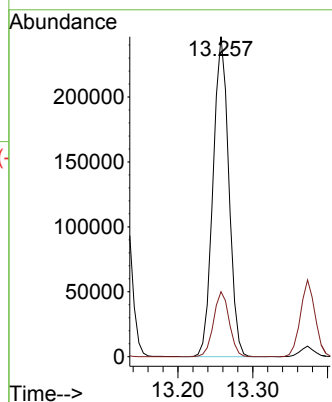
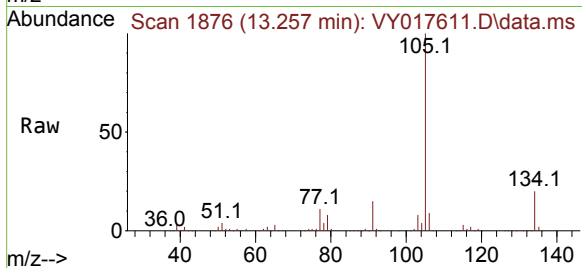
VSTDCCC050EC

Tgt Ion:105 Resp: 360862

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.772 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

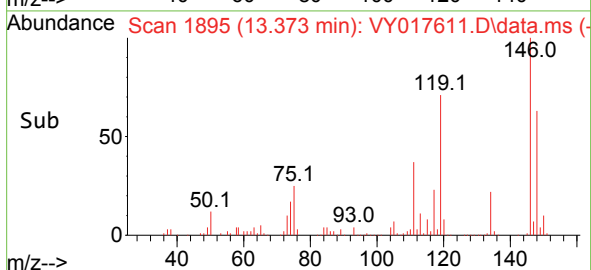
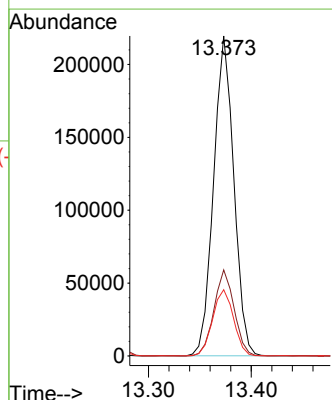
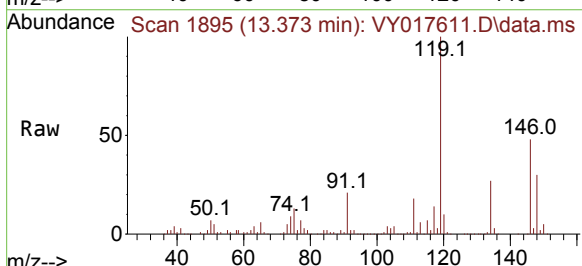
Tgt Ion:119 Resp: 299352

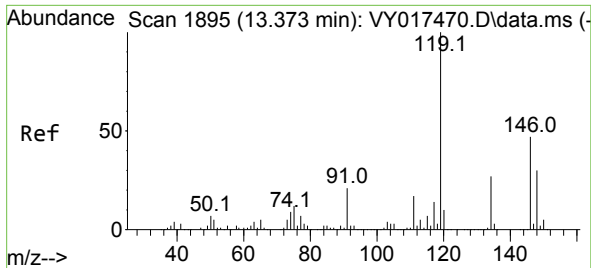
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.4 10.7 32.1

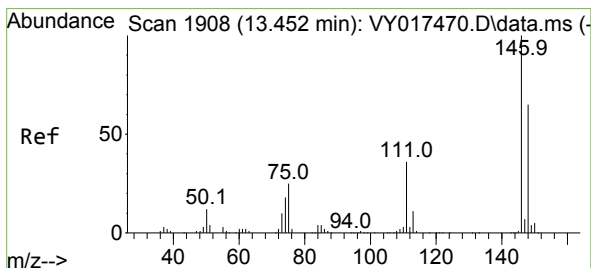
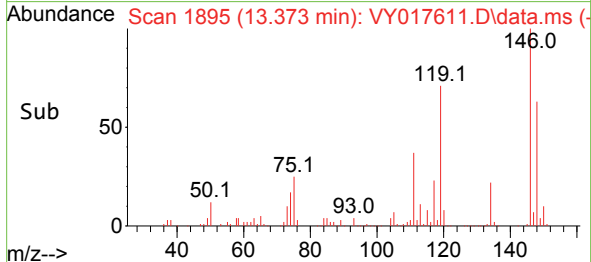
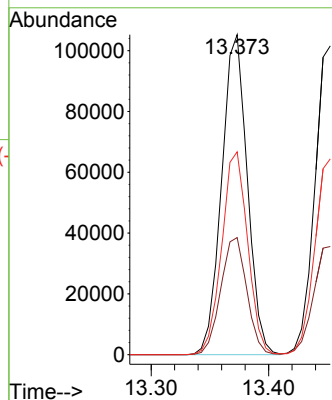
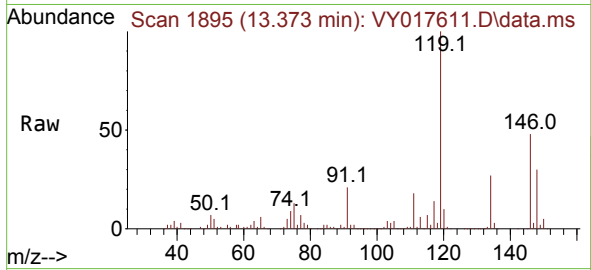




#87
1,3-Dichlorobenzene
Concen: 51.027 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

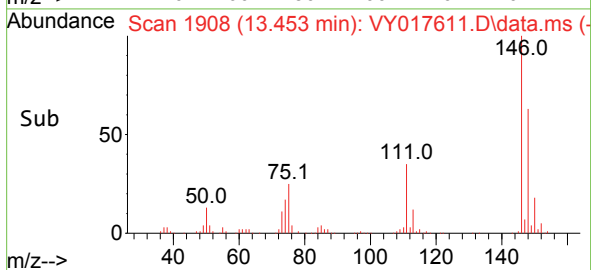
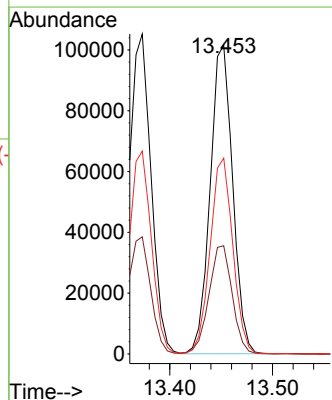
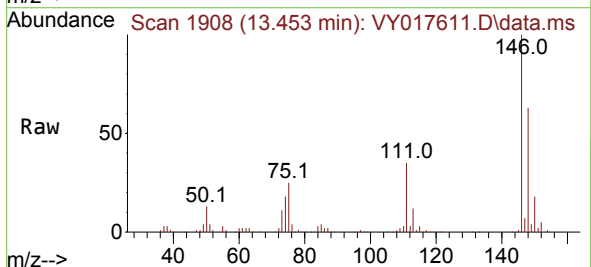
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

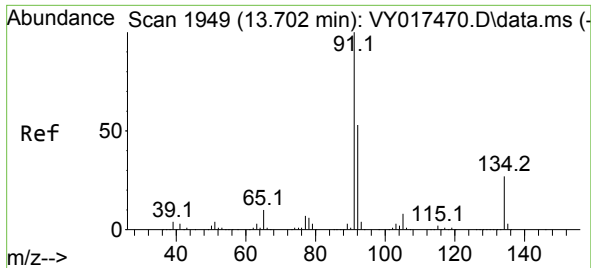
Tgt Ion:146 Resp: 159798
Ion Ratio Lower Upper
146 100
111 37.3 19.0 57.0
148 64.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 50.667 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion:146 Resp: 154260
Ion Ratio Lower Upper
146 100
111 36.4 18.4 55.4
148 64.2 32.4 97.2

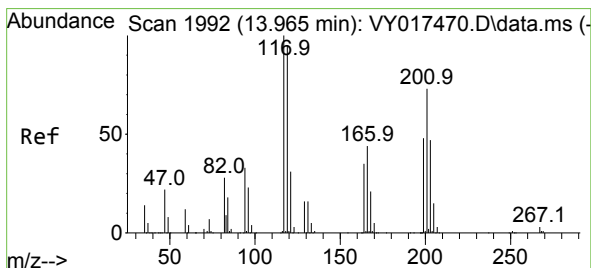
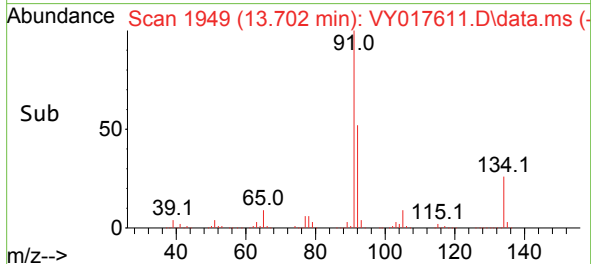
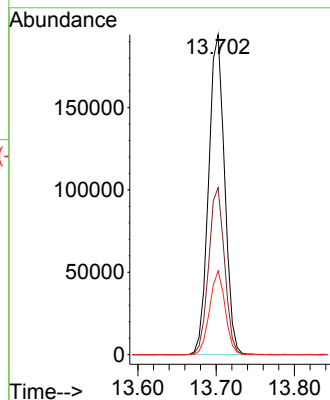
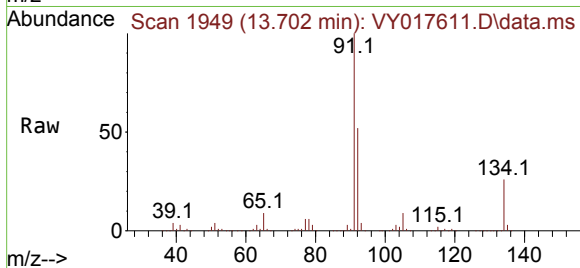




#89
n-Butylbenzene
Concen: 53.223 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

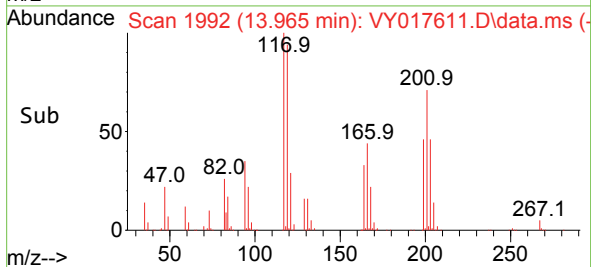
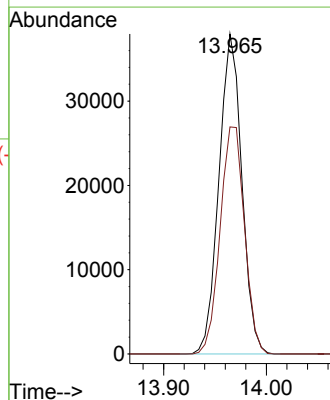
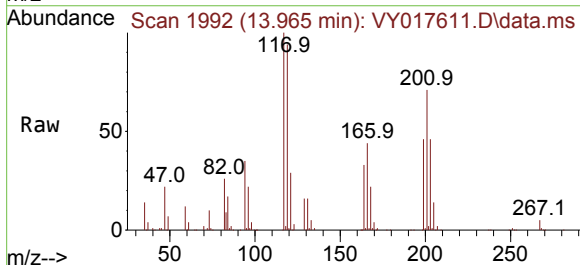
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

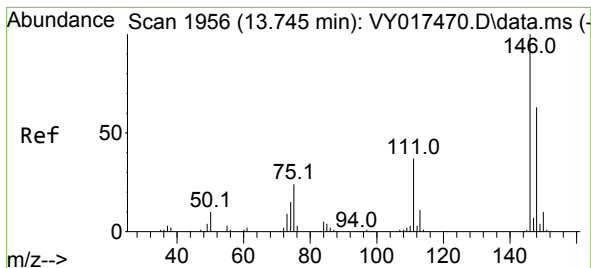
Tgt Ion: 91 Resp: 275453
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 51.548 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017611.D
Acq: 07 Mar 2024 18:43

Tgt Ion: 117 Resp: 58623
Ion Ratio Lower Upper
117 100
201 75.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 51.693 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

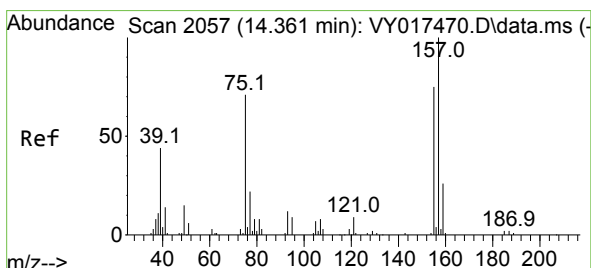
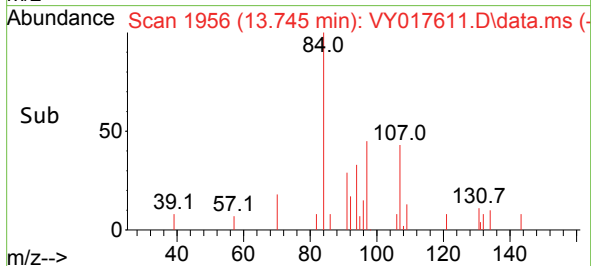
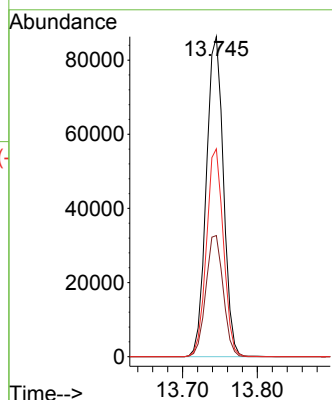
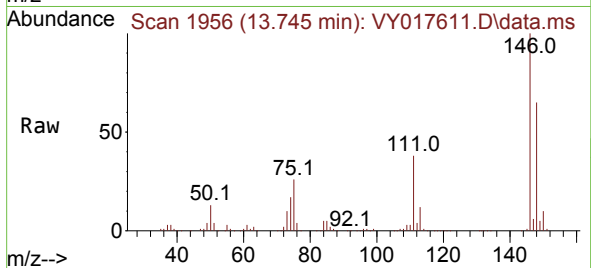
Tgt Ion:146 Resp: 136928

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.7

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.428 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

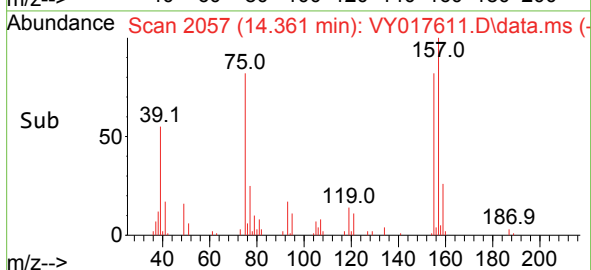
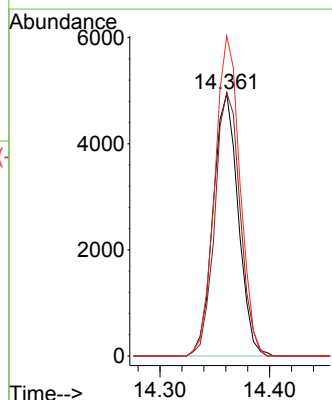
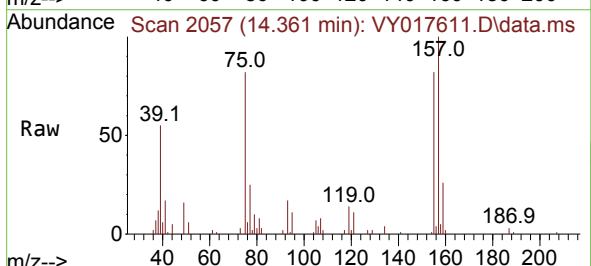
Tgt Ion: 75 Resp: 7843

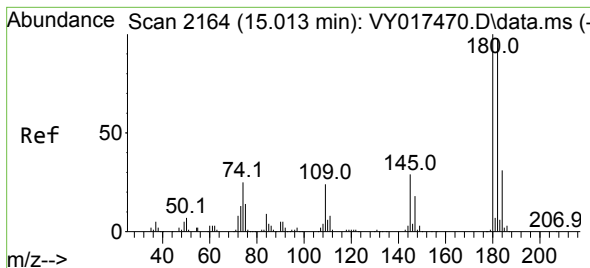
Ion Ratio Lower Upper

75 100

155 101.4 48.6 145.8

157 122.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.938 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

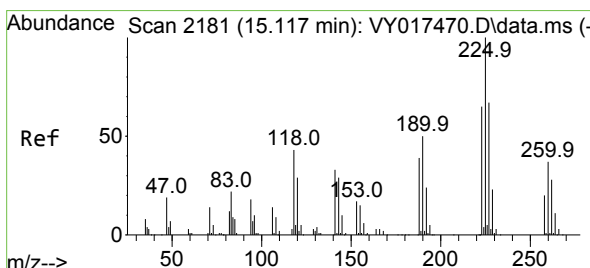
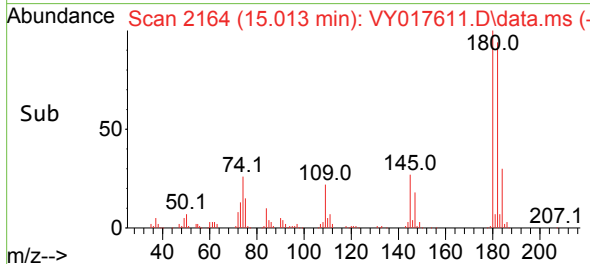
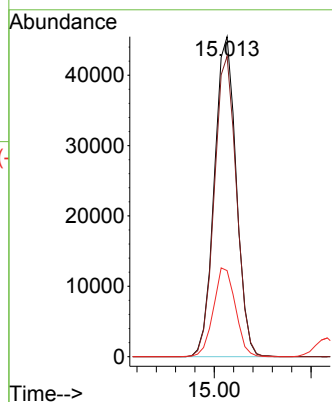
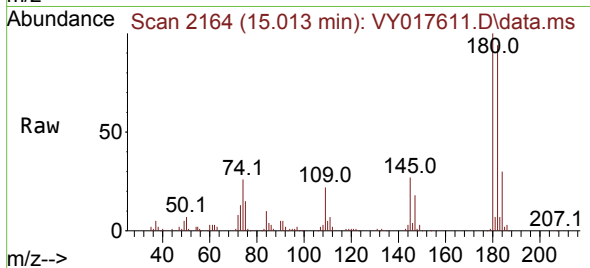
Tgt Ion:180 Resp: 71270

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.033 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

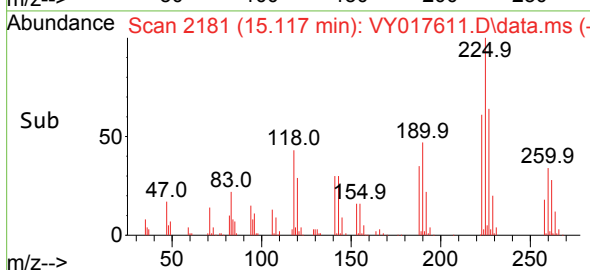
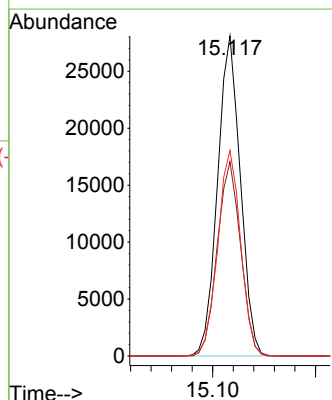
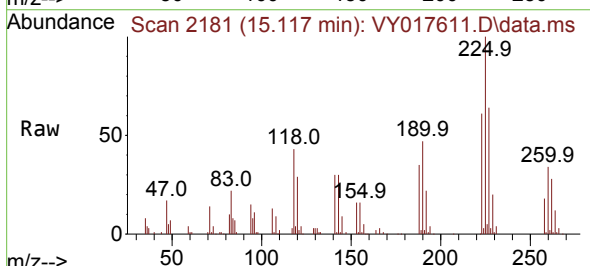
Tgt Ion:225 Resp: 43221

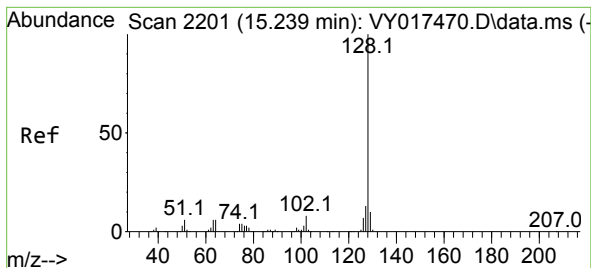
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 47.146 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

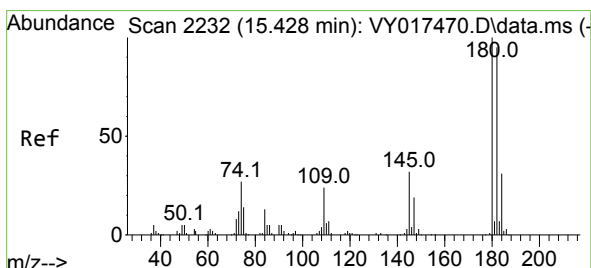
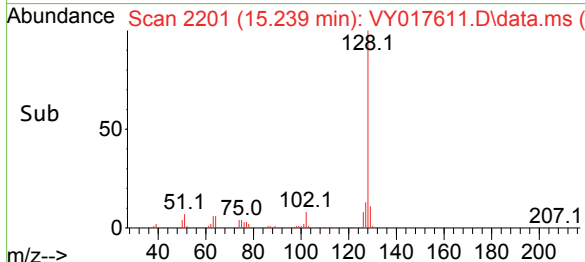
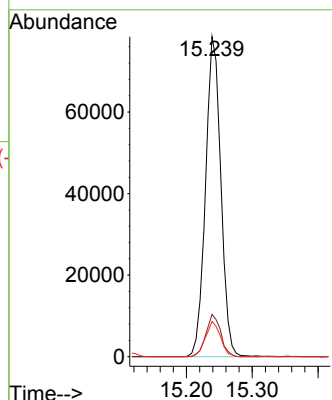
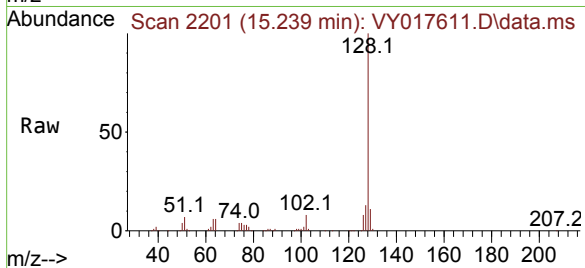
Tgt Ion:128 Resp: 127160

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.324 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017611.D

Acq: 07 Mar 2024 18:43

Tgt Ion:180 Resp: 60404

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 29.5 15.4 46.1

