

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017542.D
 Acq On : 01 Mar 2024 09:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 02 00:13:54 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	7.801	168	150556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	226587	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	192145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89703	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	69018	48.370	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.740%
35) Dibromofluoromethane	7.728	113	86763	54.951	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.900%
50) Toluene-d8	10.191	98	328578	59.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.040%
62) 4-Bromofluorobenzene	12.495	95	96981	55.898	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	56916	51.248	ug/l	99
3) Chloromethane	2.119	50	93408	46.032	ug/l	99
4) Vinyl Chloride	2.259	62	125266	48.119	ug/l	99
5) Bromomethane	2.662	94	96570	45.521	ug/l	97
6) Chloroethane	2.802	64	81474	49.612	ug/l	99
7) Trichlorofluoromethane	3.131	101	134219	50.588	ug/l	99
8) Diethyl Ether	3.534	74	37517	48.211	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	83025	54.403	ug/l	98
10) Methyl Iodide	4.101	142	100686	58.788	ug/l	99
11) Tert butyl alcohol	4.948	59	18299	150.978	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	79439	55.855	ug/l	95
13) Acrolein	3.735	56	25891	161.896	ug/l	100
14) Allyl chloride	4.485	41	92612	53.891	ug/l	97
15) Acrylonitrile	5.167	53	69884	218.459	ug/l	99
16) Acetone	3.948	43	76330	275.804	ug/l	94
17) Carbon Disulfide	4.204	76	249197	58.374	ug/l	99
18) Methyl Acetate	4.485	43	29771	44.340	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	154956	46.744	ug/l	99
20) Methylene Chloride	4.722	84	91861	57.294	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	92906	55.791	ug/l	94
22) Diisopropyl ether	6.125	45	207493	52.324	ug/l	96
23) Vinyl Acetate	6.070	43	568411	240.541	ug/l	100
24) 1,1-Dichloroethane	6.027	63	144471	53.326	ug/l	99
25) 2-Butanone	6.996	43	97427	247.020	ug/l	96
26) 2,2-Dichloropropane	6.990	77	123350	54.153	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	100620	53.816	ug/l	98
28) Bromochloromethane	7.344	49	58397	54.731	ug/l	93
29) Tetrahydrofuran	7.356	42	52336	220.127	ug/l	99
30) Chloroform	7.515	83	152711	52.943	ug/l	100
31) Cyclohexane	7.795	56	126405	54.436	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	135998	54.308	ug/l	99
36) 1,1-Dichloropropene	7.929	75	122215	57.369	ug/l	99
37) Ethyl Acetate	7.088	43	37350	44.390	ug/l	99
38) Carbon Tetrachloride	7.911	117	123417	57.805	ug/l	98
39) Methylcyclohexane	9.197	83	153129	59.812	ug/l	98
40) Benzene	8.173	78	352489	55.716	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19245	45.580	ug/l	98
42) 1,2-Dichloroethane	8.246	62	76979	49.871	ug/l	99
43) Isopropyl Acetate	8.283	43	68586	46.387	ug/l	99
44) Trichloroethene	8.953	130	100427	55.074	ug/l	95
45) 1,2-Dichloropropane	9.228	63	80600	53.549	ug/l	97
46) Dibromomethane	9.319	93	43042	49.967	ug/l	97
47) Bromodichloromethane	9.508	83	110781	52.965	ug/l	95
48) Methyl methacrylate	9.301	41	32392	47.330	ug/l	96
49) 1,4-Dioxane	9.307	88	7837	803.901	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	186330	226.117	ug/l	100
52) Toluene	10.258	92	226581	56.812	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	99356	51.179	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	123378	52.303	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	59261	48.454	ug/l	97
56) Ethyl methacrylate	10.520	69	66596	44.552	ug/l	98
57) 1,3-Dichloropropane	10.801	76	97133	48.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	199113	282.127	ug/l	99
59) 2-Hexanone	10.843	43	144335	255.001	ug/l	98
60) Dibromochloromethane	10.996	129	73289	50.654	ug/l	99
61) 1,2-Dibromoethane	11.099	107	54941	48.746	ug/l	100
64) Tetrachloroethene	10.734	164	96104	52.110	ug/l	98
65) Chlorobenzene	11.532	112	232535	57.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	84697	55.433	ug/l	99
67) Ethyl Benzene	11.605	91	427180	59.724	ug/l	97
68) m/p-Xylenes	11.715	106	336922	119.879	ug/l	99
69) o-Xylene	12.044	106	153411	58.836	ug/l	98
70) Styrene	12.057	104	253010	58.458	ug/l	98
71) Bromoform	12.221	173	43033	50.825	ug/l #	98
73) Isopropylbenzene	12.343	105	408894	61.355	ug/l	99
74) N-amyl acetate	12.154	43	56704	48.242	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	60905	53.219	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	73432	86.156	ug/l #	100
77) Bromobenzene	12.623	156	90033	55.786	ug/l	94
78) n-propylbenzene	12.684	91	487008	60.902	ug/l	99
79) 2-Chlorotoluene	12.770	91	260297	58.140	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	320986	60.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	17997	48.519	ug/l	98
82) 4-Chlorotoluene	12.867	91	262272	57.274	ug/l	97
83) tert-Butylbenzene	13.087	119	284522	60.685	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	312545	59.294	ug/l	99
85) sec-Butylbenzene	13.264	105	433138	60.425	ug/l	99
86) p-Isopropyltoluene	13.379	119	355537	60.590	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	180260	55.645	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	171984	54.608	ug/l	98
89) n-Butylbenzene	13.709	91	318412	59.475	ug/l	99
90) Hexachloroethane	13.977	117	67523	57.398	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	149477	54.552	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6995	43.478	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	73091	50.500	ug/l	99
94) Hexachlorobutadiene	15.123	225	47851	53.549	ug/l	99
95) Naphthalene	15.251	128	111350	40.511	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	59194	47.674	ug/l	98

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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

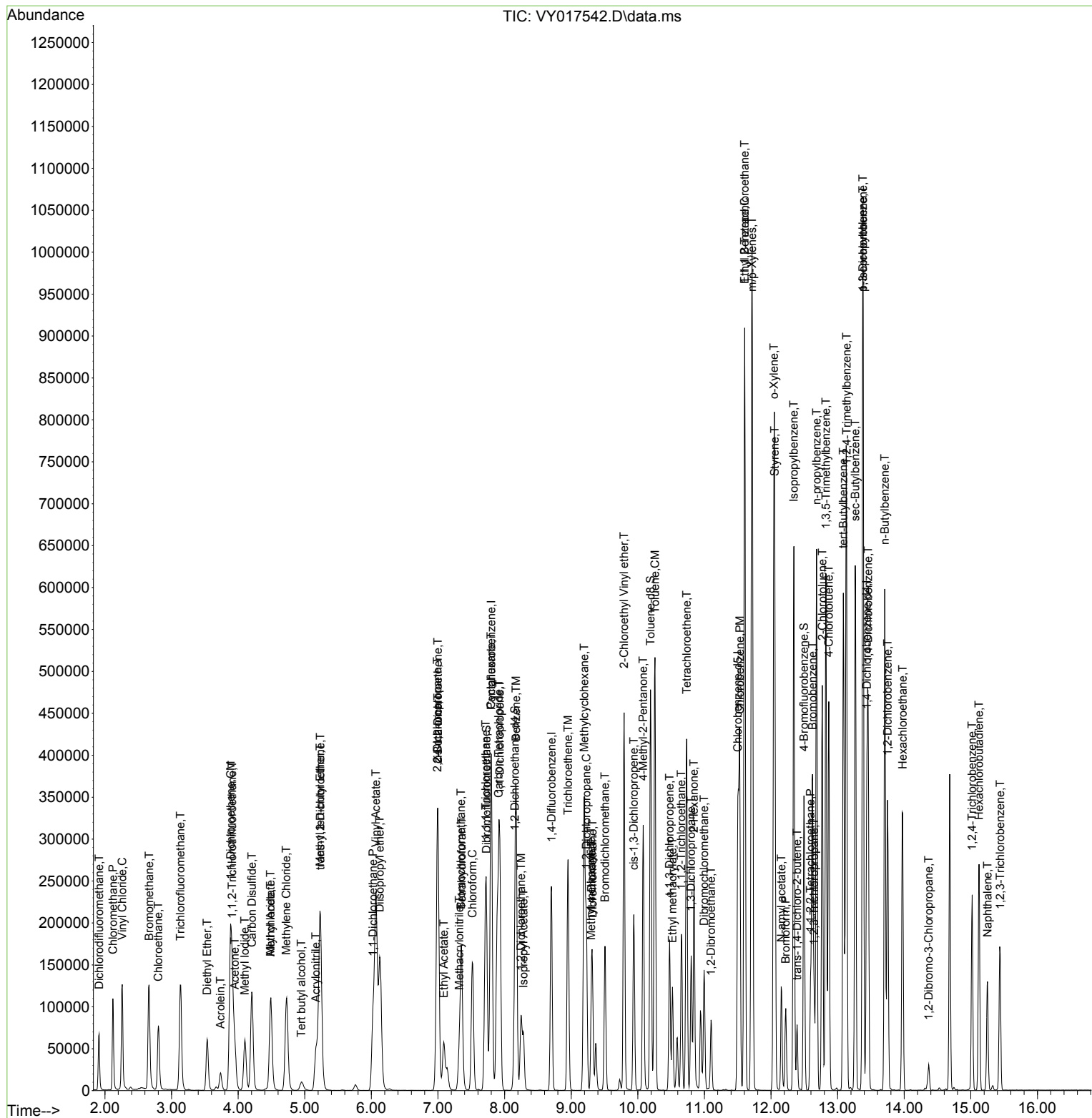
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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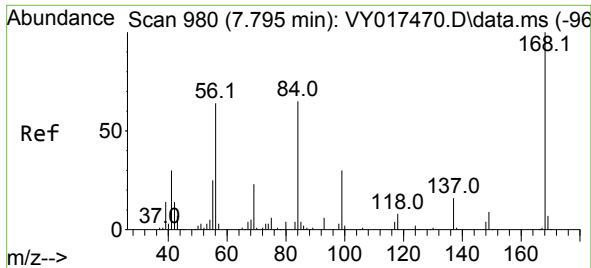
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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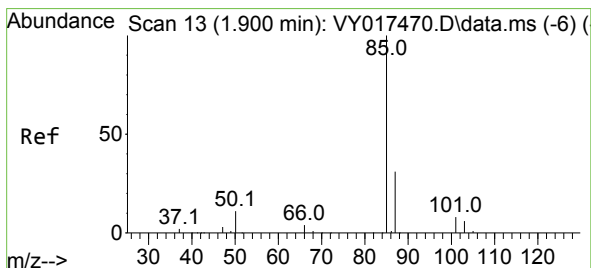
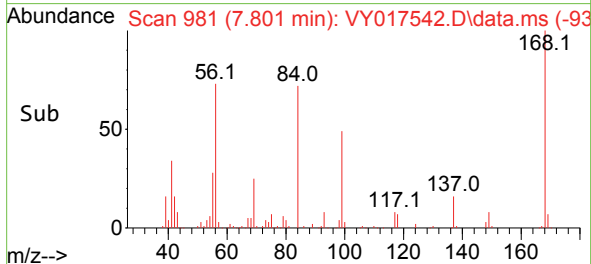
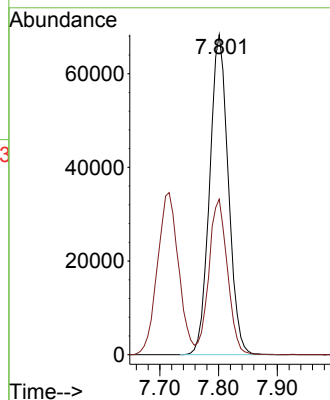
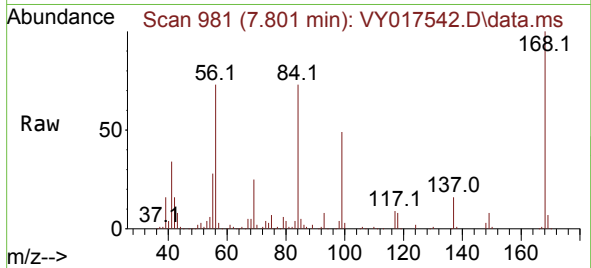




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017542.D
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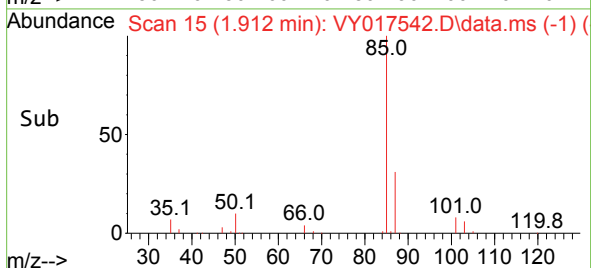
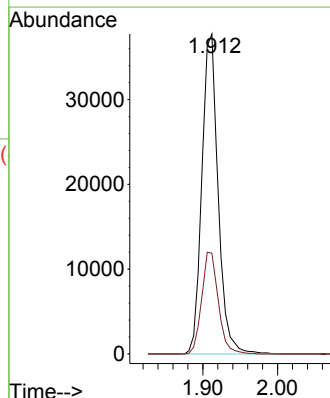
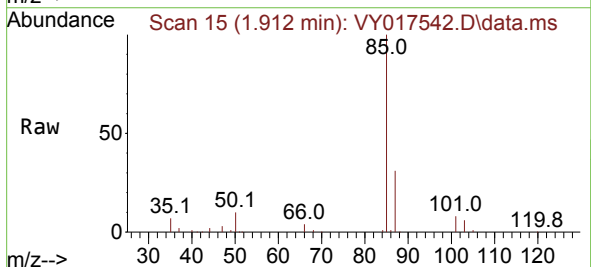
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

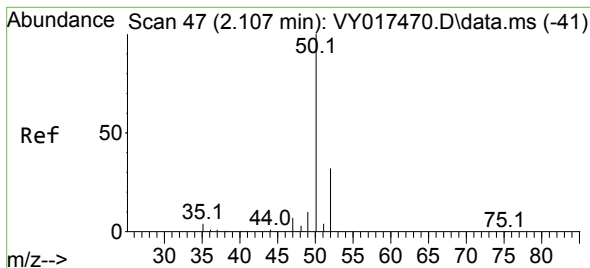
Tgt Ion:168 Resp: 150556
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 51.248 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 85 Resp: 56916
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0





#3

Chloromethane

Concen: 46.032 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

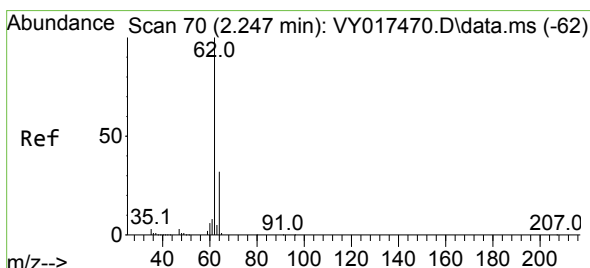
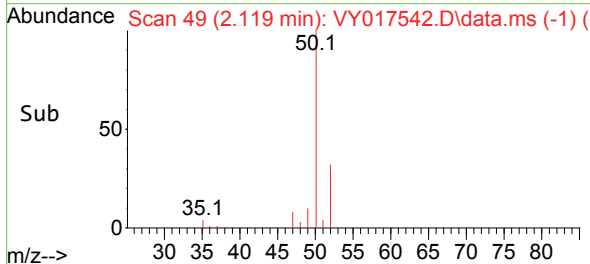
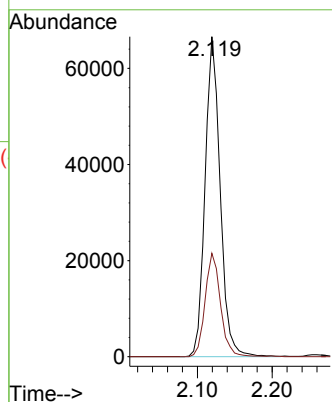
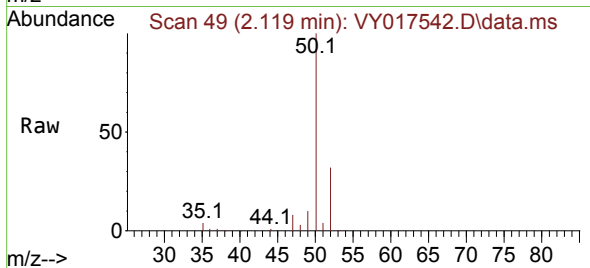
VSTDCCC050

Tgt Ion: 50 Resp: 93408

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



#4

Vinyl Chloride

Concen: 48.119 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017542.D

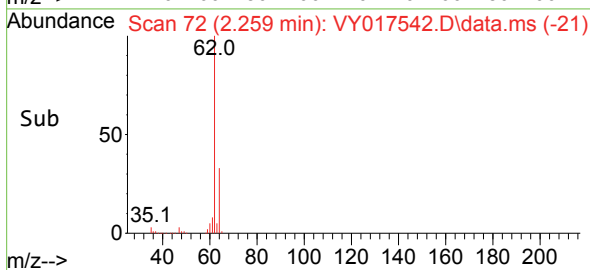
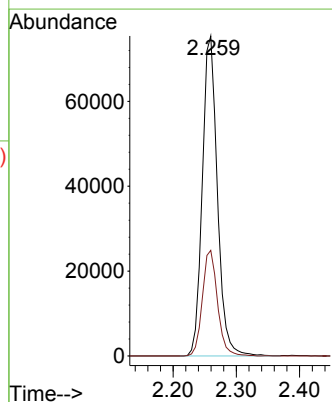
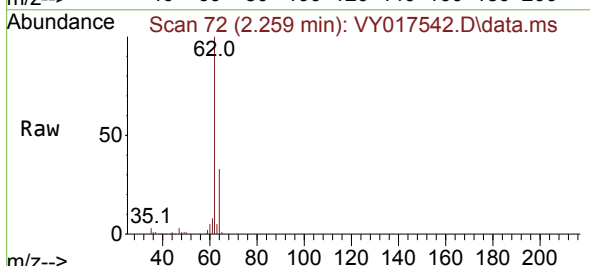
Acq: 01 Mar 2024 09:30

Tgt Ion: 62 Resp: 125266

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1

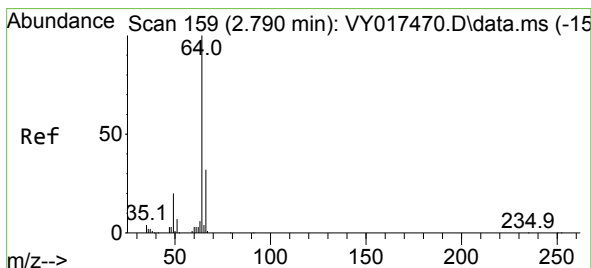
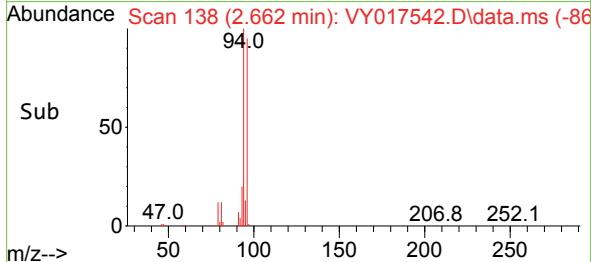
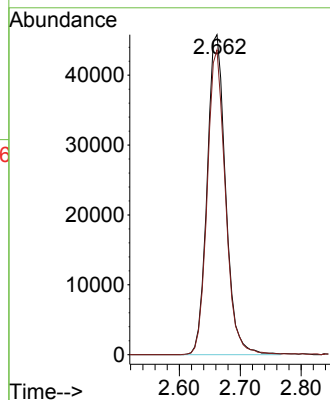
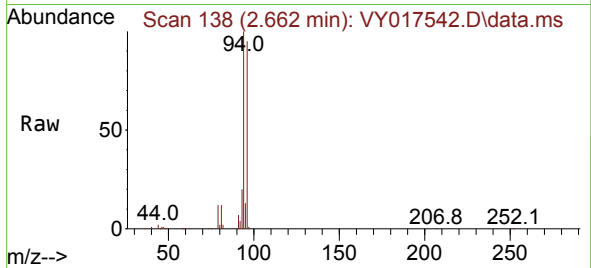




#5
Bromomethane
Concen: 45.521 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

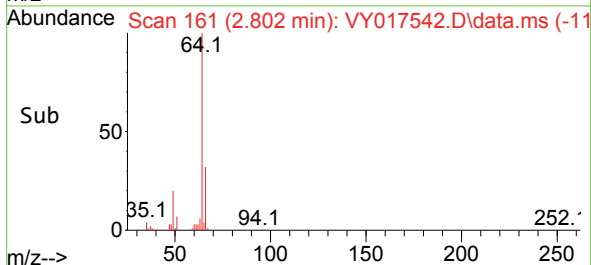
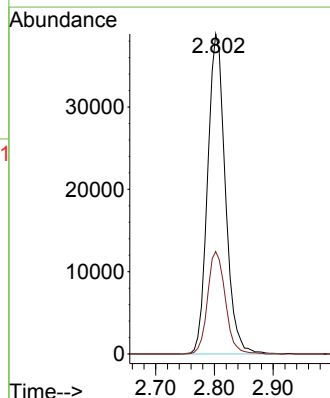
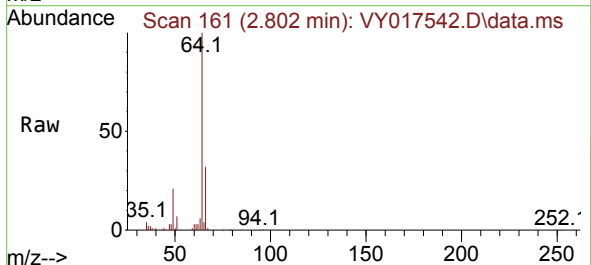
Instrument :
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Tgt Ion: 94 Resp: 96570
Ion Ratio Lower Upper
94 100
96 95.2 74.1 111.1



#6
Chloroethane
Concen: 49.612 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 64 Resp: 81474
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

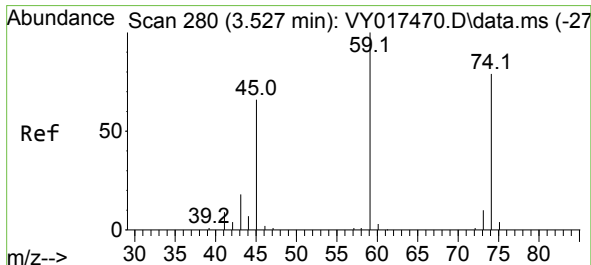
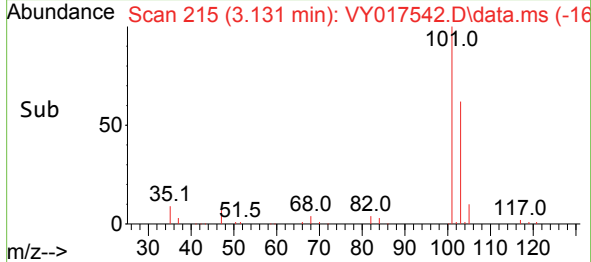
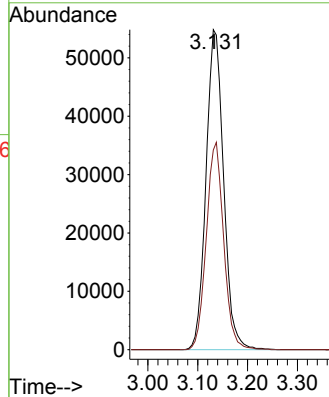
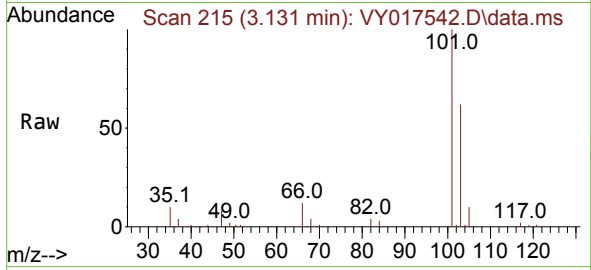




#7
 Trichlorofluoromethane
 Concen: 50.588 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017542.D
 Acq: 01 Mar 2024 09:30

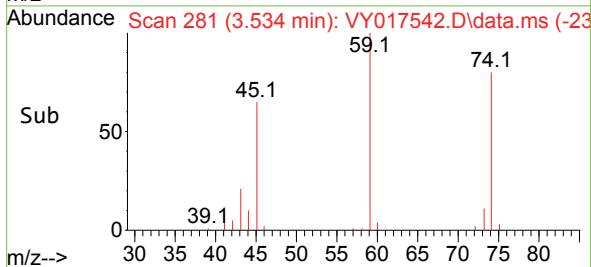
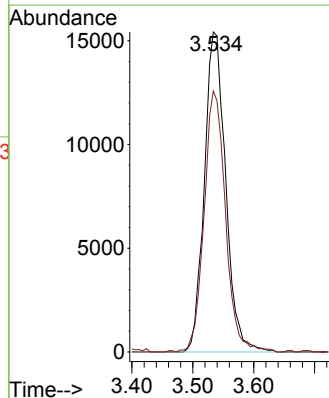
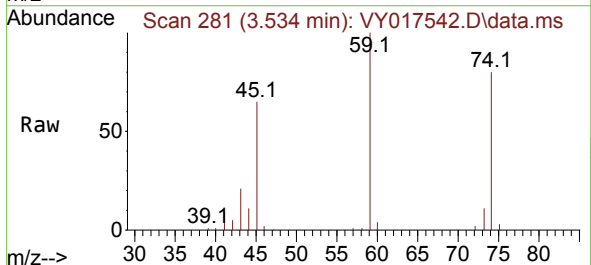
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

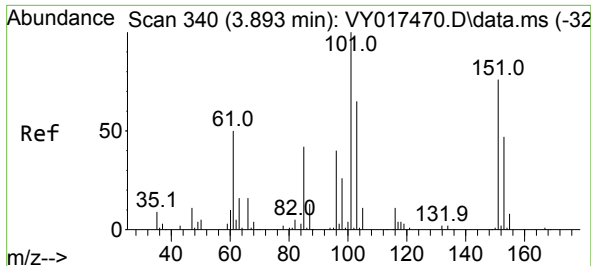
Tgt Ion:101 Resp: 134219
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.211 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017542.D
 Acq: 01 Mar 2024 09:30

Tgt Ion: 74 Resp: 37517
 Ion Ratio Lower Upper
 74 100
 45 81.9 41.3 124.1

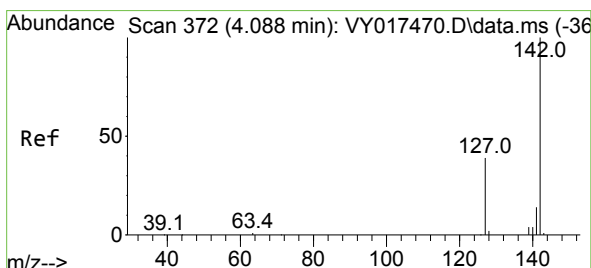
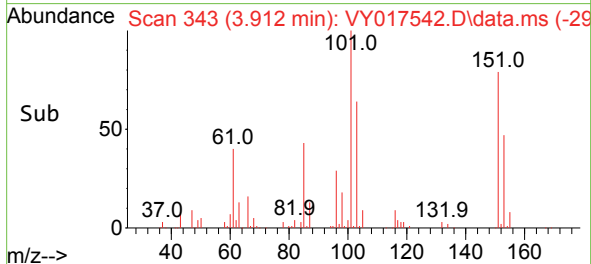
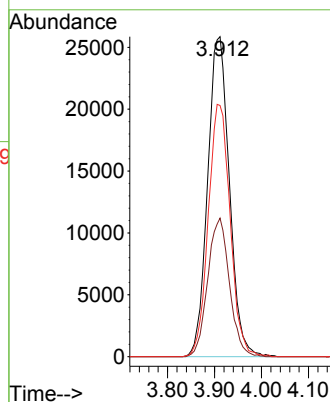
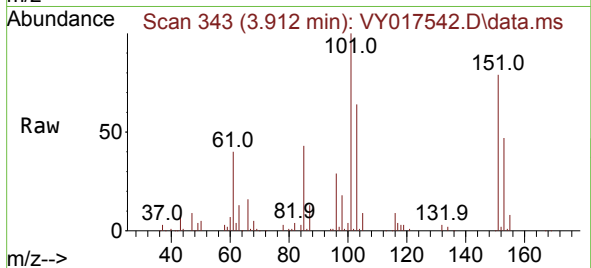




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.403 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

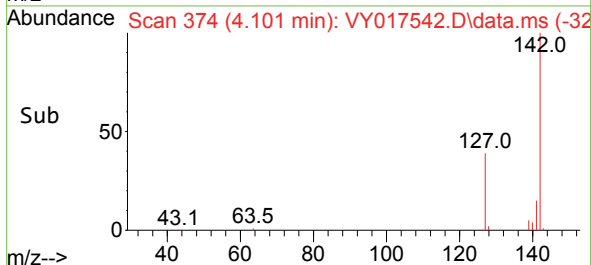
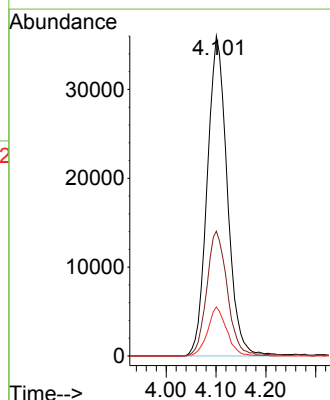
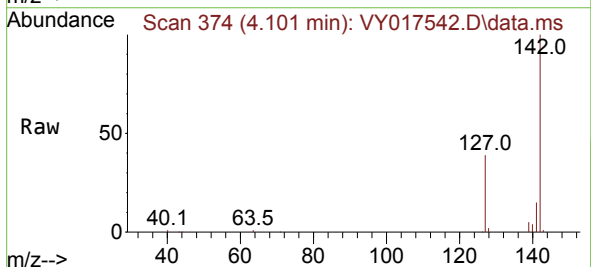
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

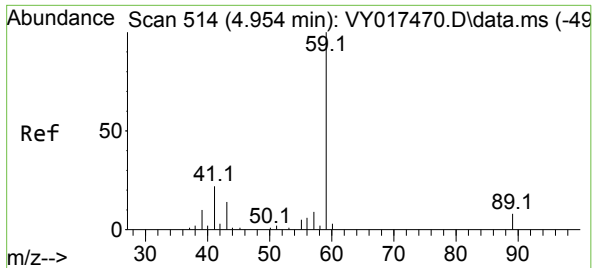
Tgt Ion:101 Resp: 83025
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 79.5 61.7 92.5



#10
Methyl Iodide
Concen: 58.788 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion:142 Resp: 100686
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 14.6 11.4 17.2

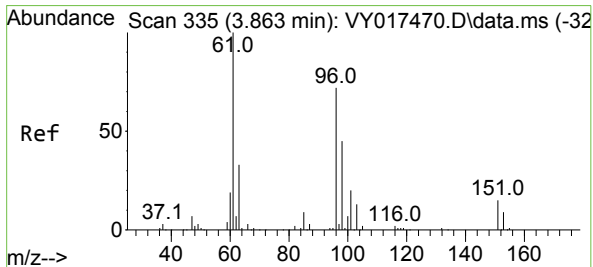
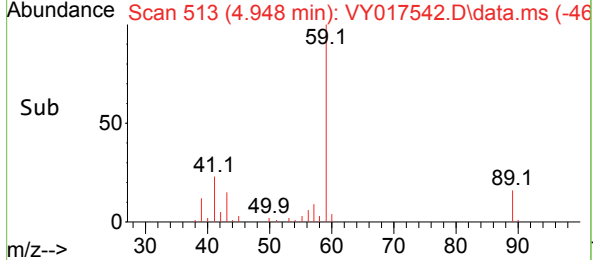
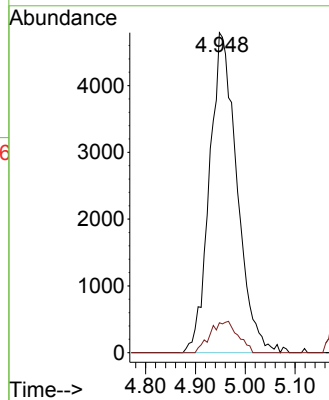
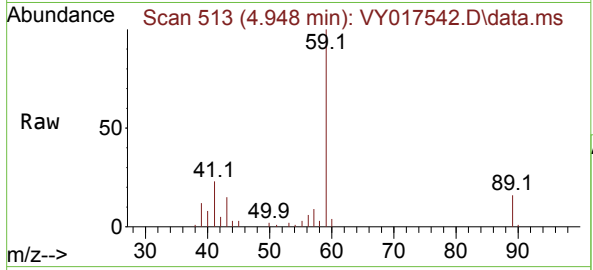




#11
Tert butyl alcohol
Concen: 150.978 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

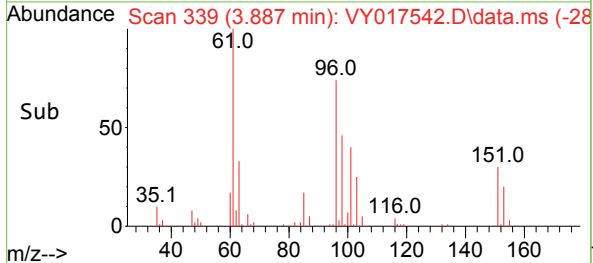
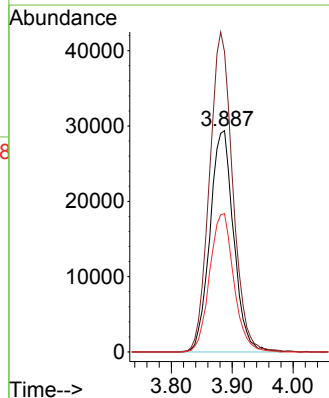
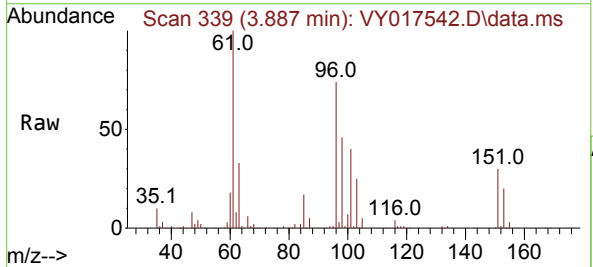
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

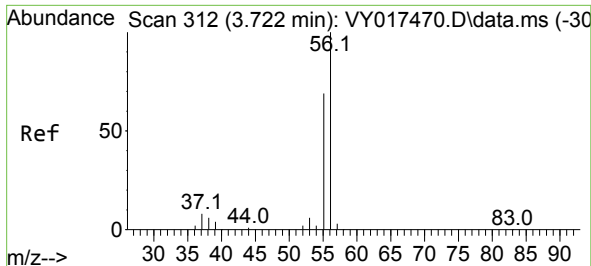
Tgt Ion: 59 Resp: 18299
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 55.855 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.025 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 96 Resp: 79439
Ion Ratio Lower Upper
96 100
61 135.6 114.6 171.8
98 62.5 50.8 76.2

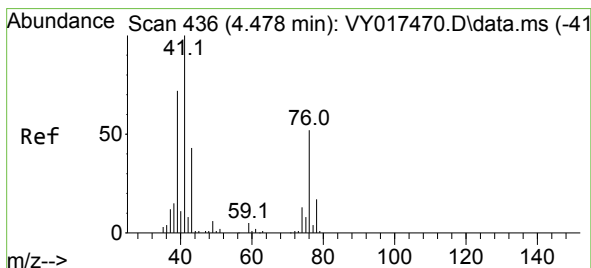
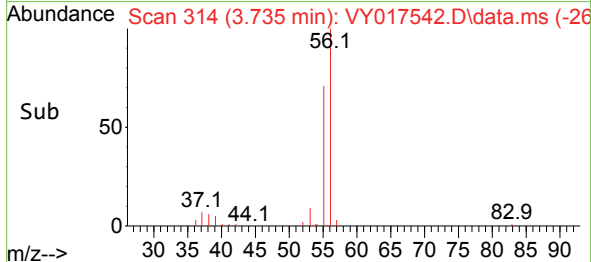
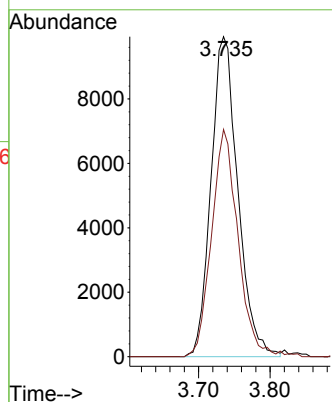
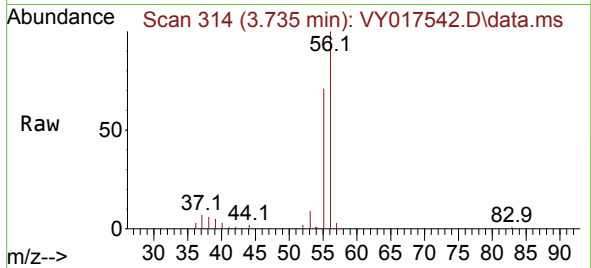




#13
Acrolein
Concen: 161.896 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

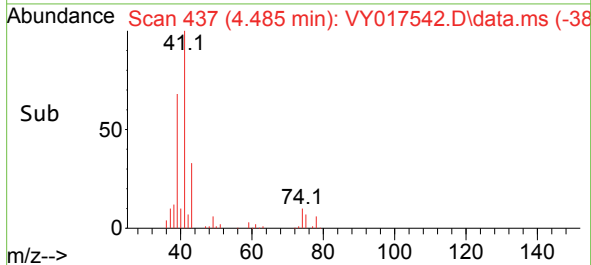
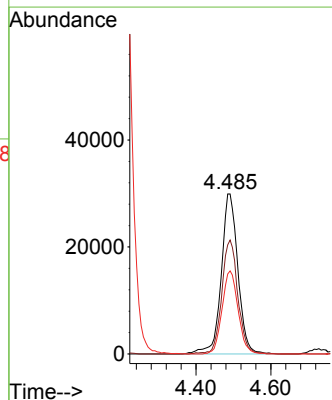
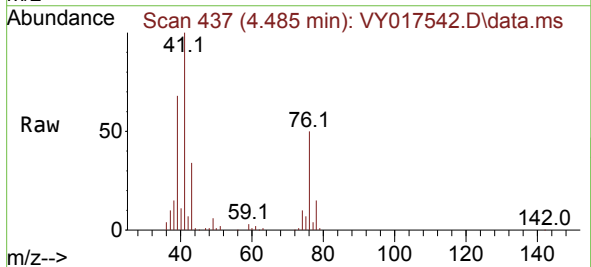
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

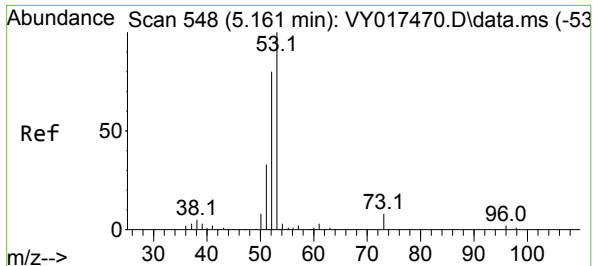
Tgt Ion: 56 Resp: 25891
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5



#14
Allyl chloride
Concen: 53.891 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 41 Resp: 92612
Ion Ratio Lower Upper
41 100
39 69.1 58.3 87.5
76 49.7 39.0 58.6

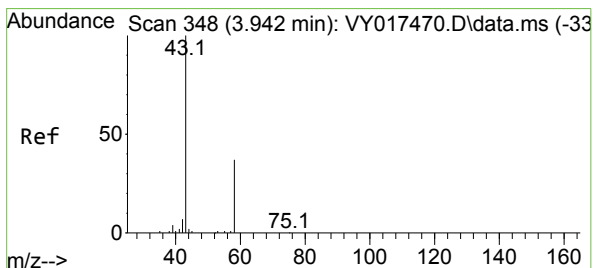
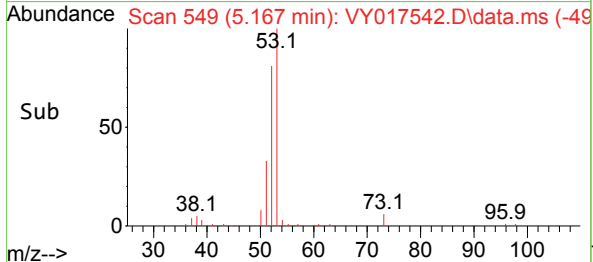
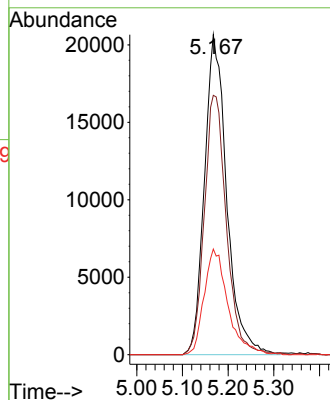
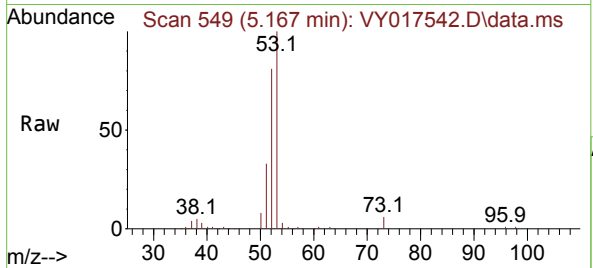




#15
Acrylonitrile
Concen: 218.459 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

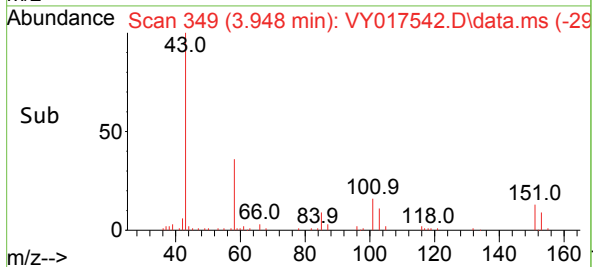
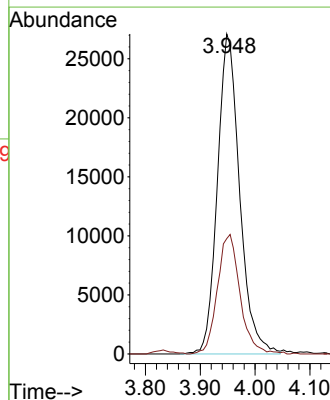
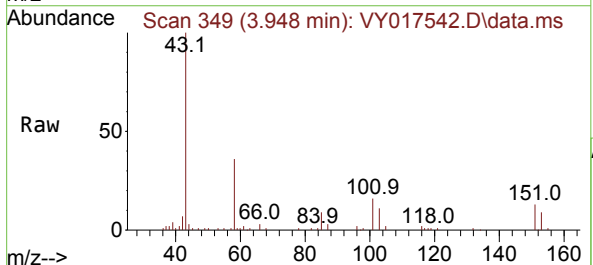
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

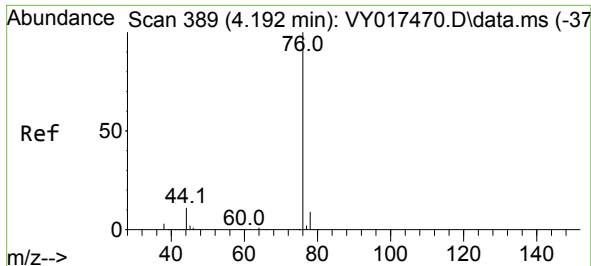
Tgt Ion:	53	Resp:	69884
Ion	Ratio	Lower	Upper
53	100		
52	80.4	64.7	97.1
51	35.2	28.4	42.6



#16
Acetone
Concen: 275.804 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion:	43	Resp:	76330
Ion	Ratio	Lower	Upper
43	100		
58	35.7	31.7	47.5

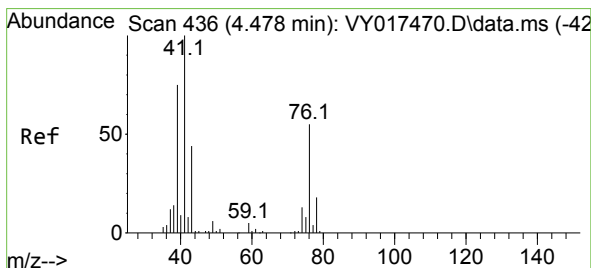
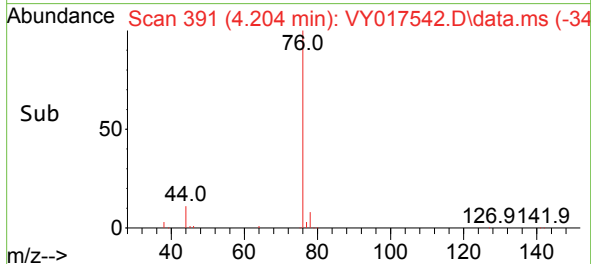
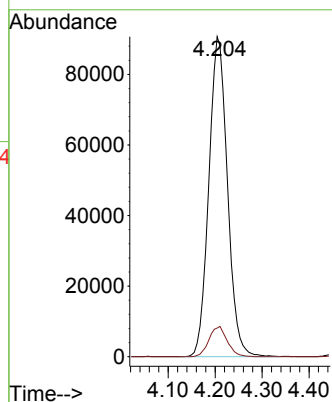
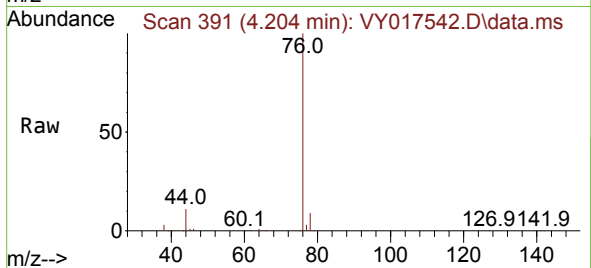




#17
Carbon Disulfide
Concen: 58.374 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

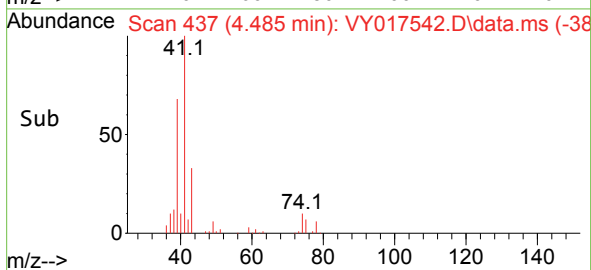
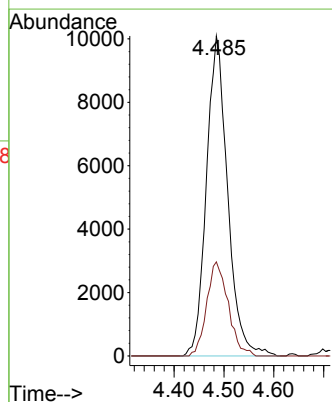
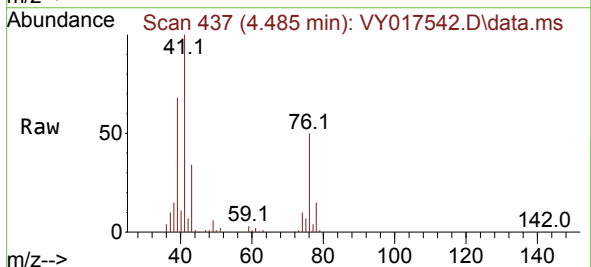
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 249197
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 44.340 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 43 Resp: 29771
Ion Ratio Lower Upper
43 100
74 29.8 23.3 34.9

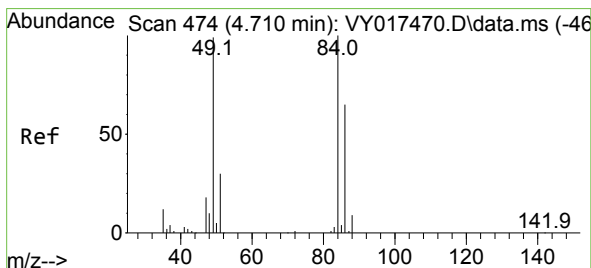
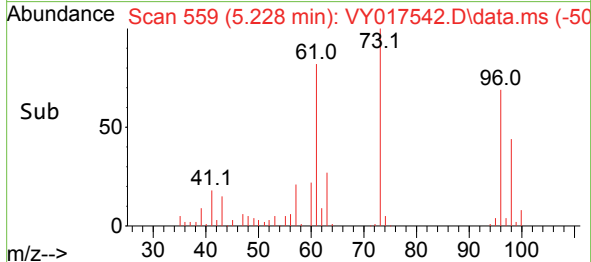
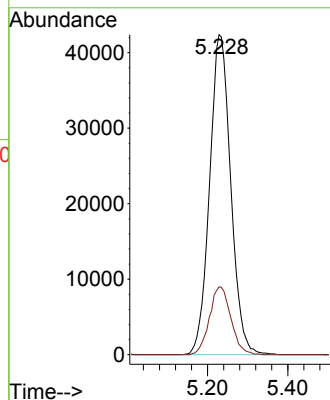
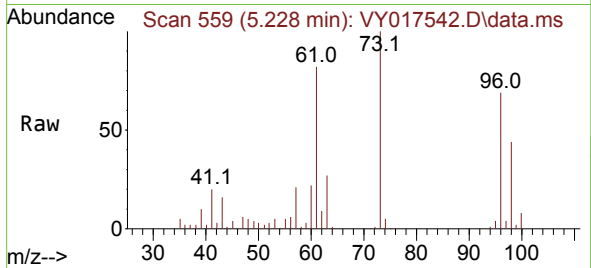




#19
Methyl tert-butyl Ether
Concen: 46.744 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

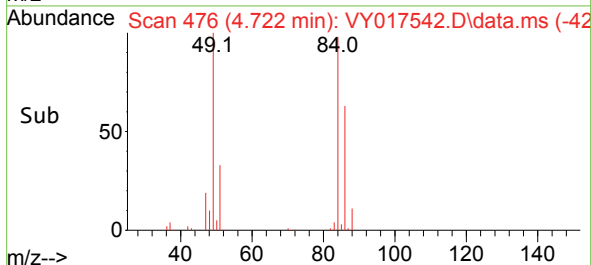
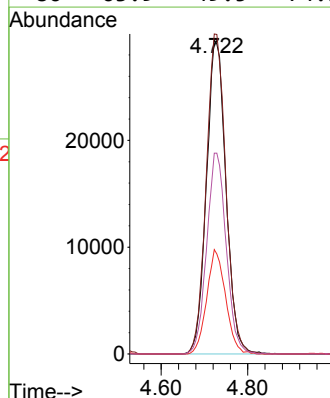
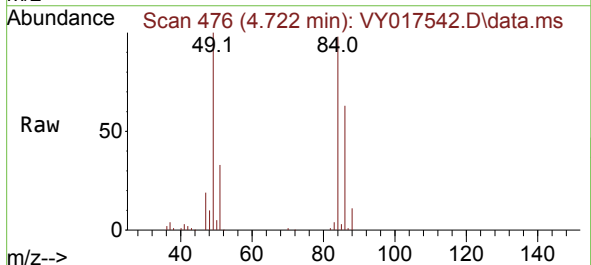
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

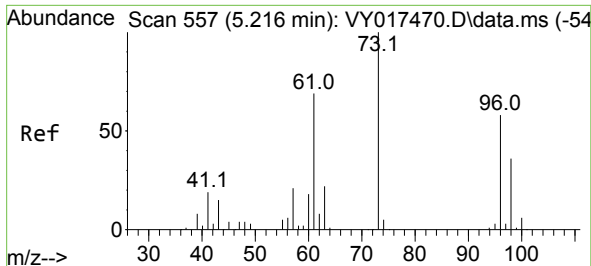
Tgt Ion: 73 Resp: 154956
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 57.294 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 84 Resp: 91861
Ion Ratio Lower Upper
84 100
49 101.9 84.4 126.6
51 33.2 26.0 39.0
86 63.9 49.5 74.3

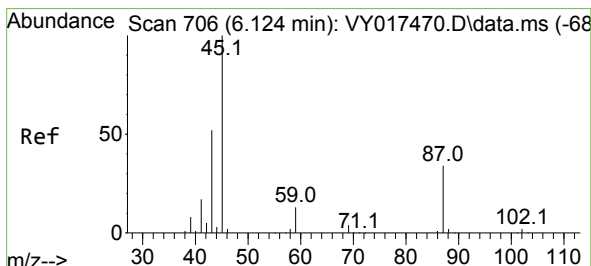
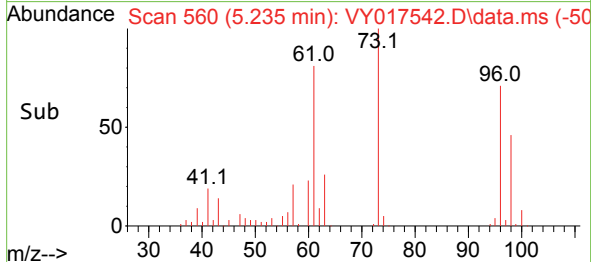
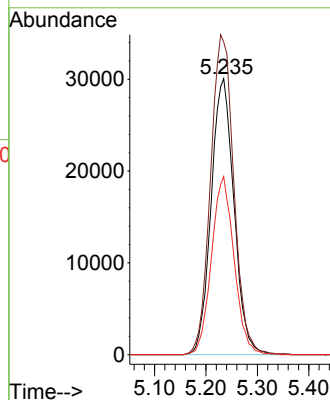
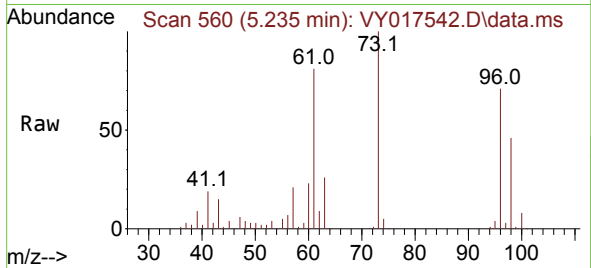




#21
trans-1,2-Dichloroethene
Concen: 55.791 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

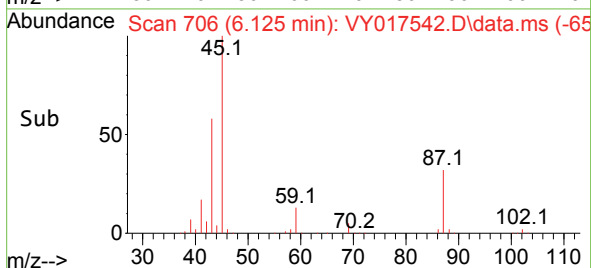
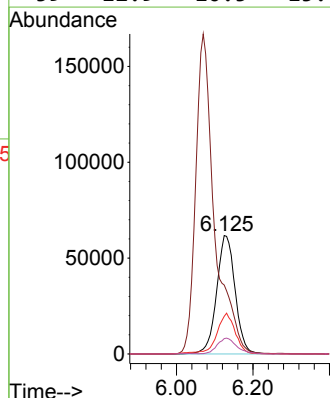
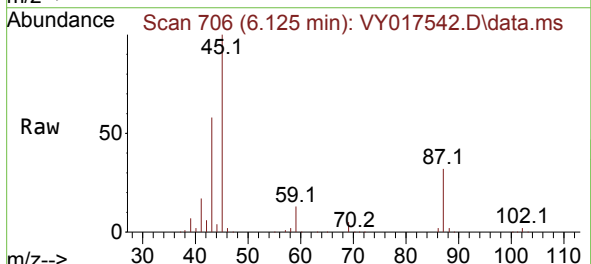
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

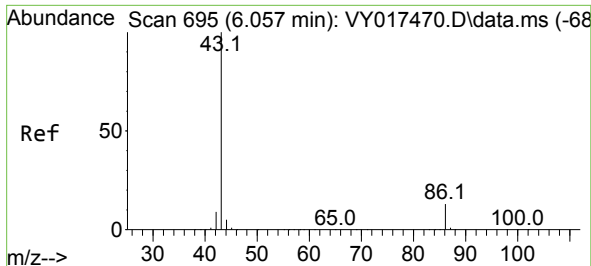
Tgt Ion: 96 Resp: 92906
Ion Ratio Lower Upper
96 100
61 113.2 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 52.324 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 45 Resp: 207493
Ion Ratio Lower Upper
45 100
43 57.7 42.2 63.2
87 31.8 25.0 37.6
59 12.9 10.5 15.7

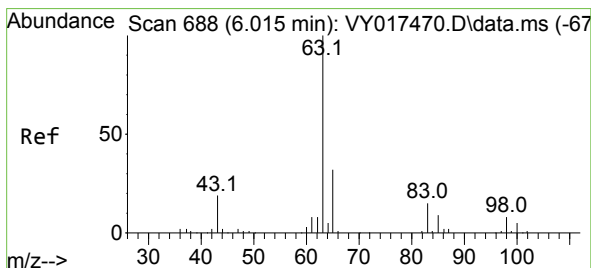
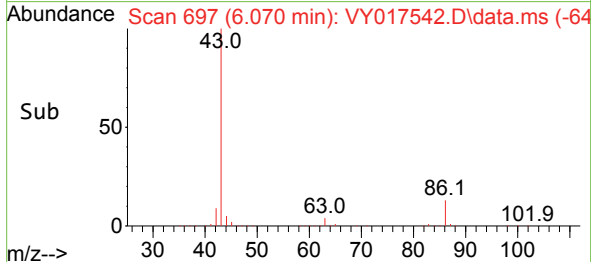
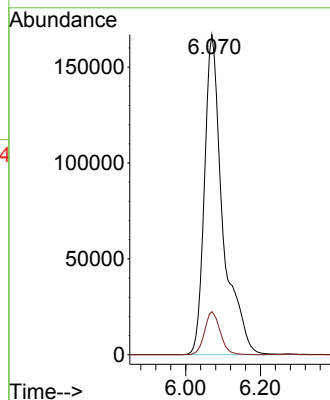
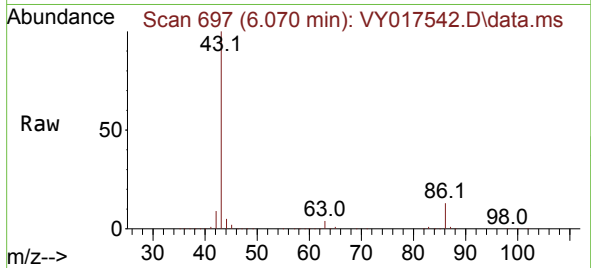




#23
 Vinyl Acetate
 Concen: 240.541 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017542.D
 Acq: 01 Mar 2024 09:30

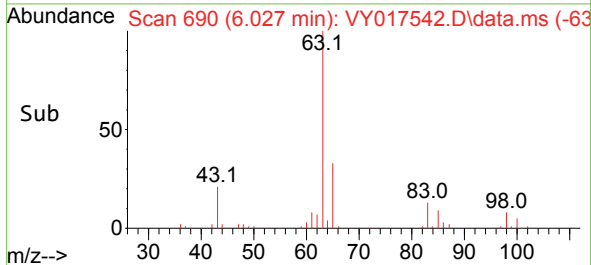
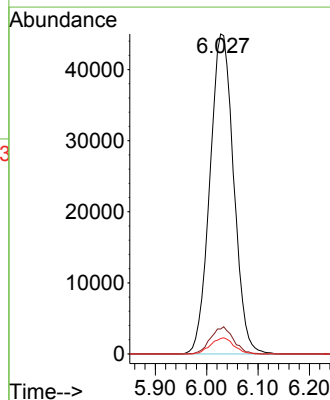
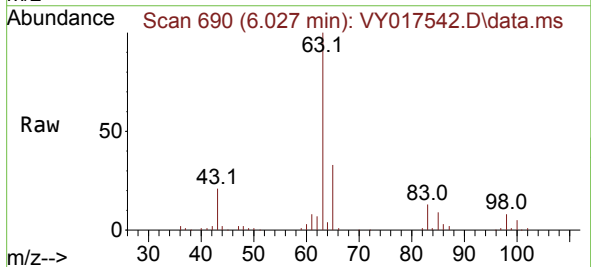
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 568411
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.326 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017542.D
 Acq: 01 Mar 2024 09:30

Tgt Ion: 63 Resp: 144471
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 247.020 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

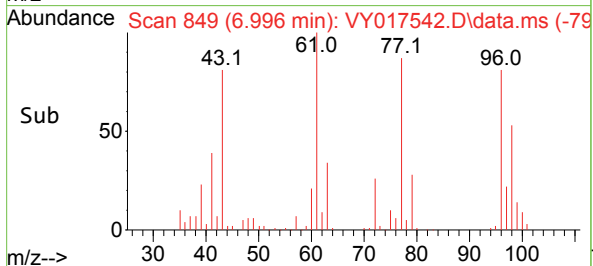
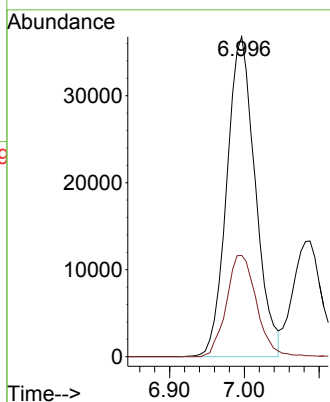
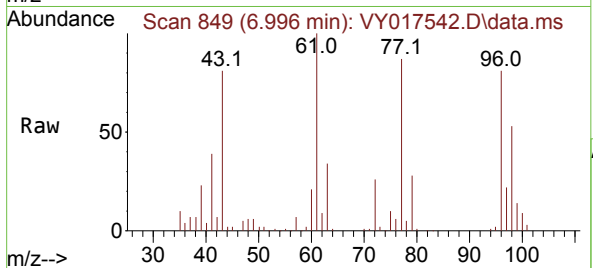
VSTDCCC050

Tgt Ion: 43 Resp: 97427

Ion Ratio Lower Upper

43 100

72 31.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 54.153 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017542.D

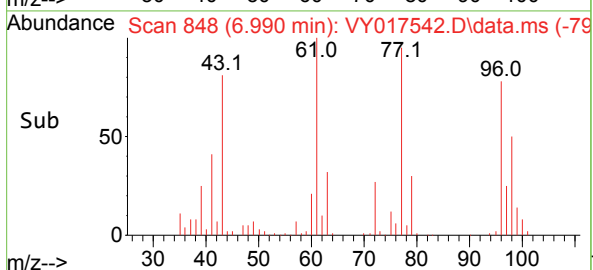
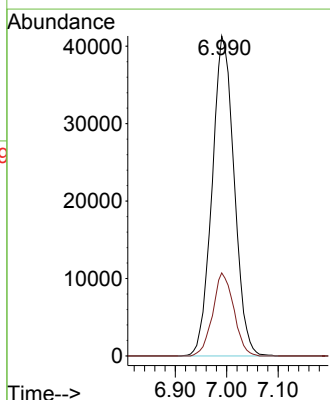
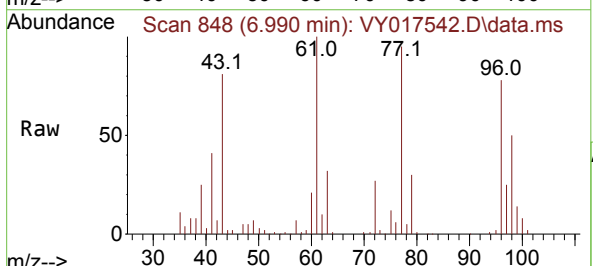
Acq: 01 Mar 2024 09:30

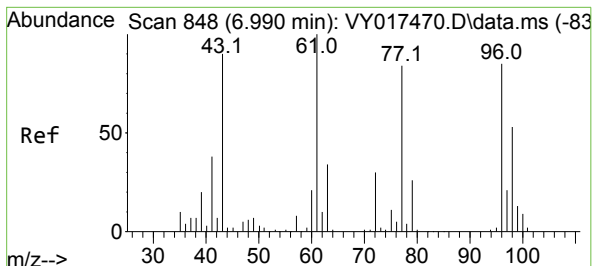
Tgt Ion: 77 Resp: 123350

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.816 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

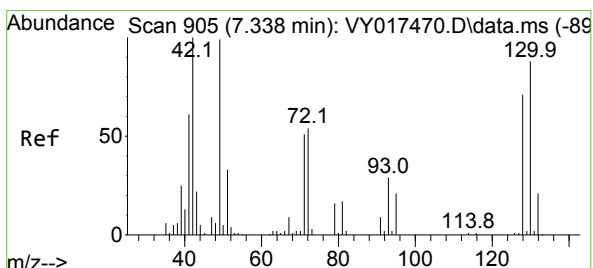
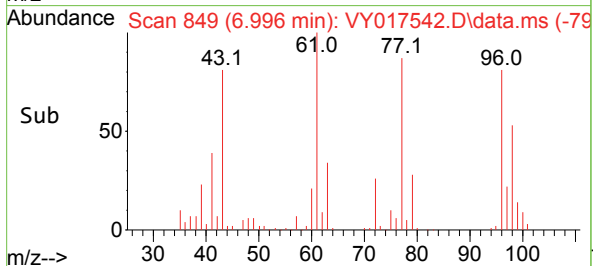
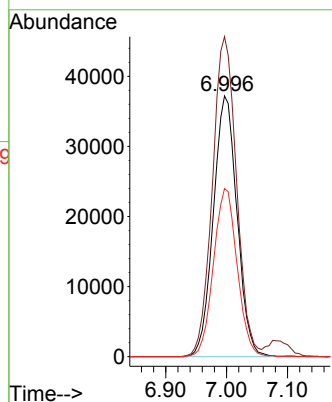
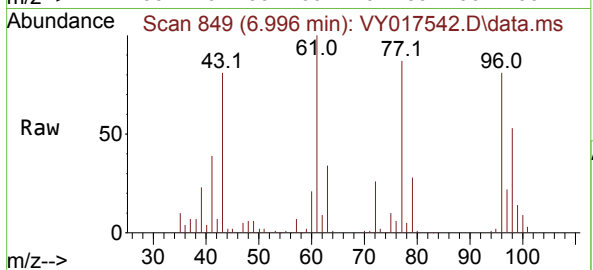
Tgt Ion: 96 Resp: 100620

Ion Ratio Lower Upper

96 100

61 124.8 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 54.731 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

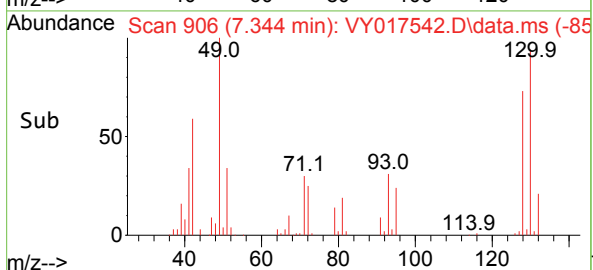
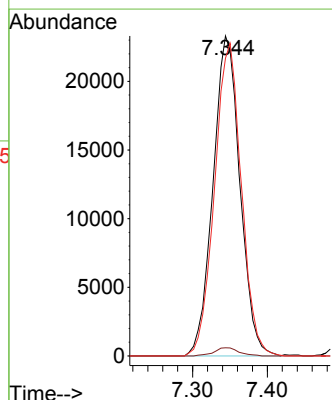
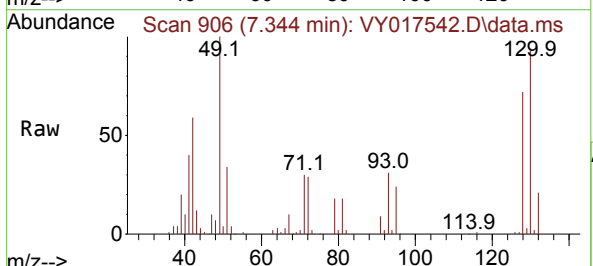
Tgt Ion: 49 Resp: 58397

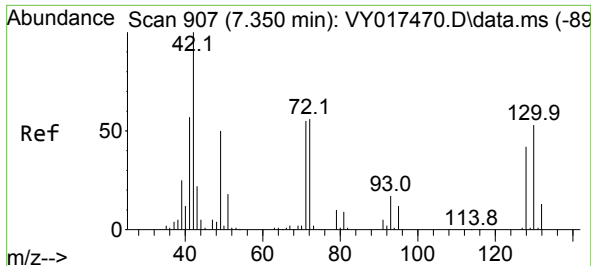
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 97.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 220.127 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

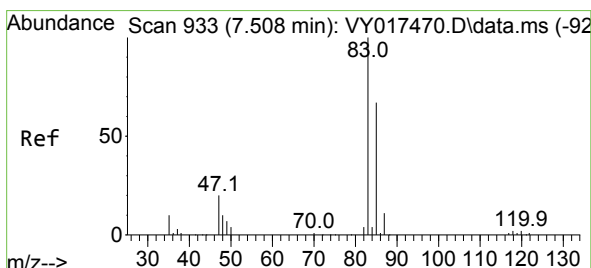
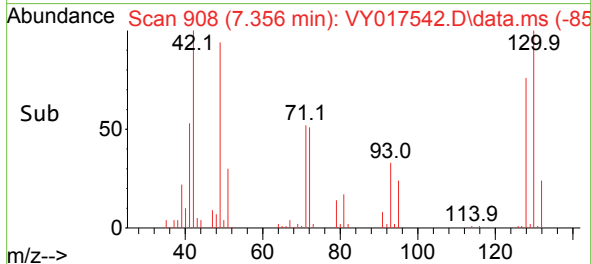
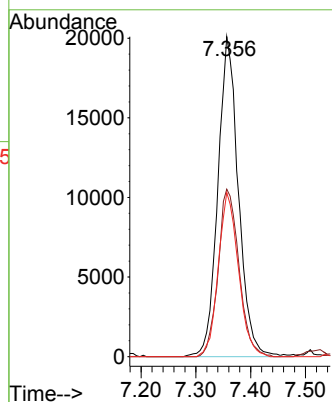
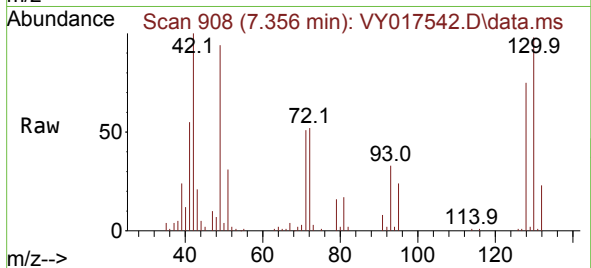
Tgt Ion: 42 Resp: 52336

Ion Ratio Lower Upper

42 100

72 53.2 43.0 64.4

71 50.4 40.8 61.2



#30

Chloroform

Concen: 52.943 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017542.D

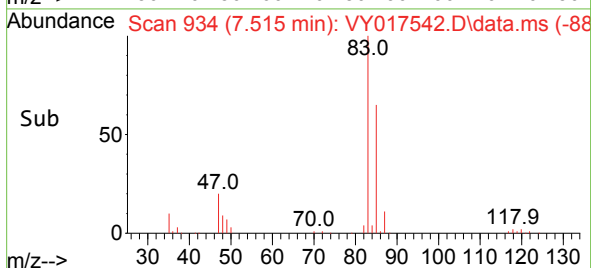
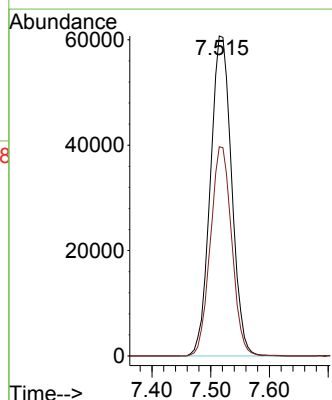
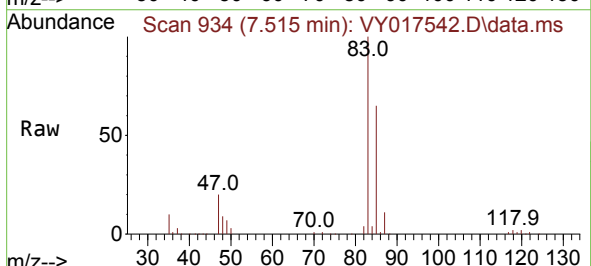
Acq: 01 Mar 2024 09:30

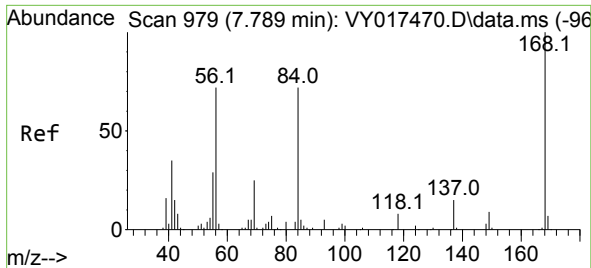
Tgt Ion: 83 Resp: 152711

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

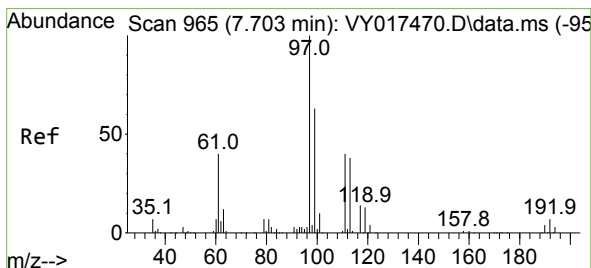
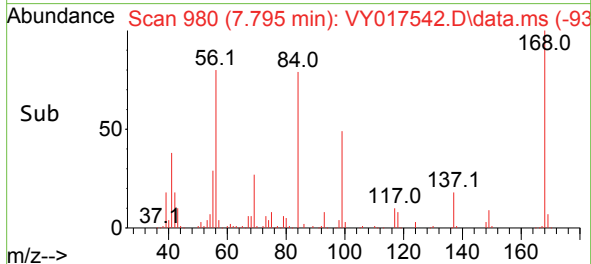
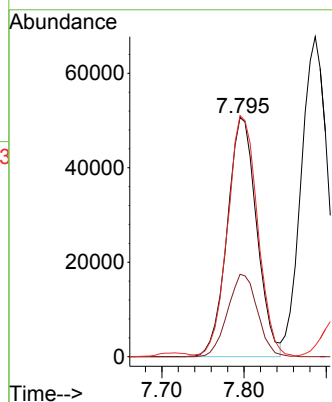
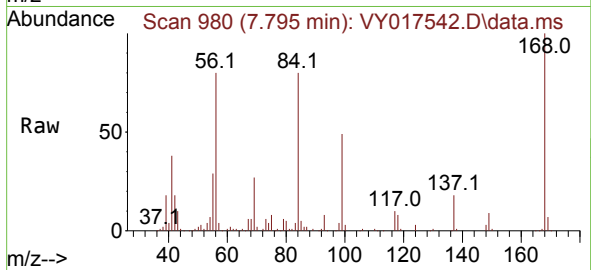




#31
Cyclohexane
Concen: 54.436 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

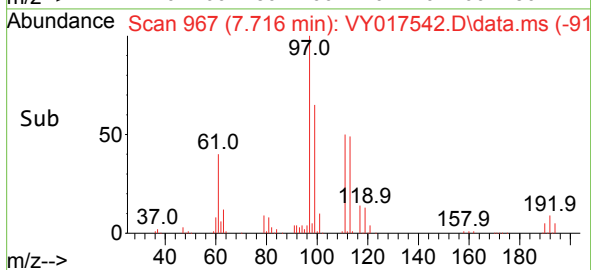
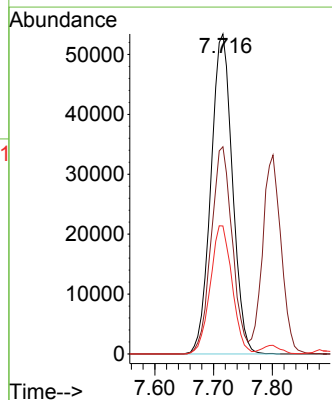
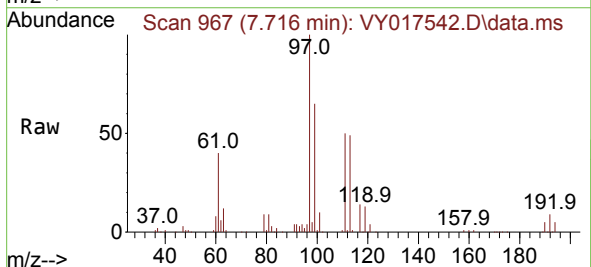
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

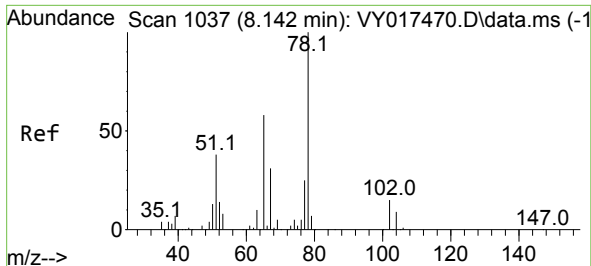
Tgt Ion: 56 Resp: 126405
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.308 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 97 Resp: 135998
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 40.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.370 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

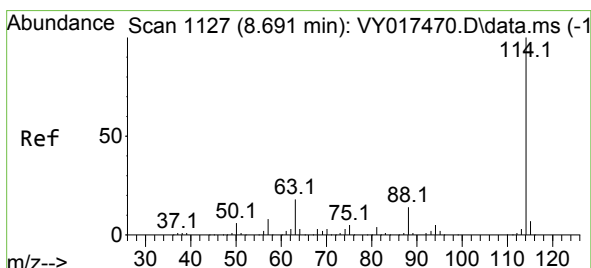
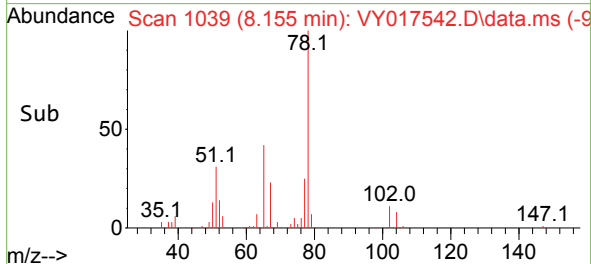
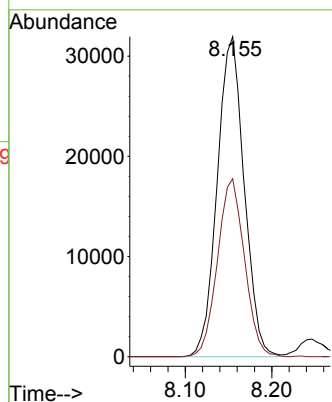
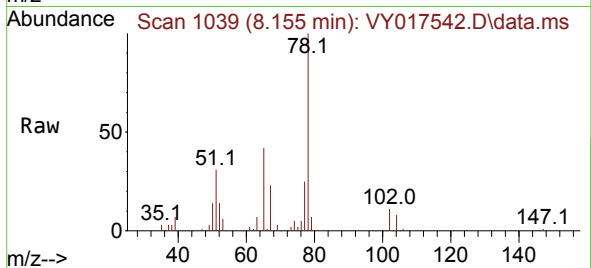
VSTDCCC050

Tgt Ion: 65 Resp: 69018

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

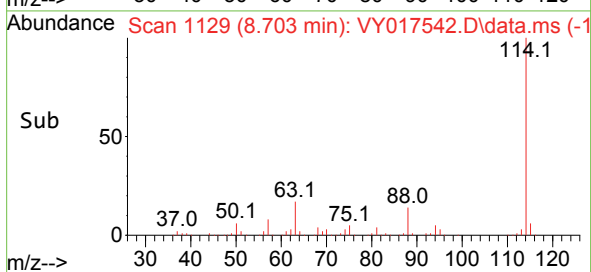
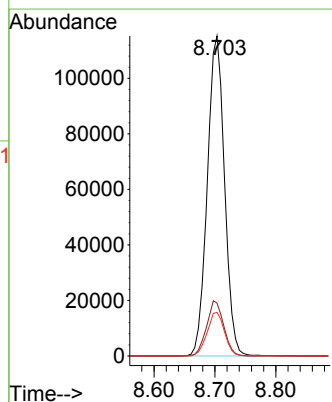
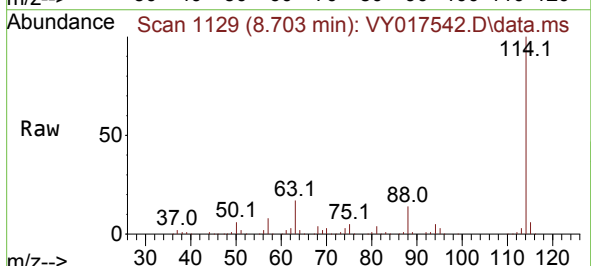
Tgt Ion: 114 Resp: 226587

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.6 0.0 27.2

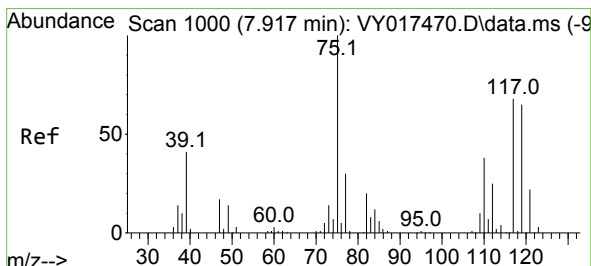
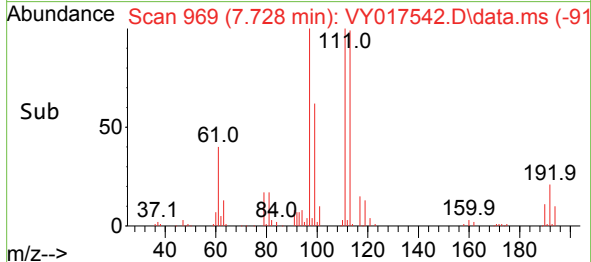
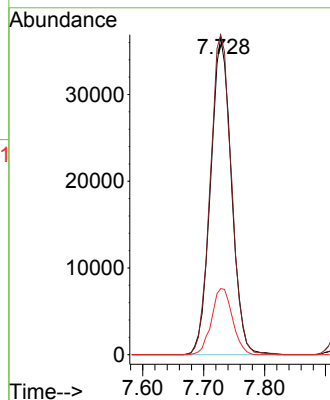
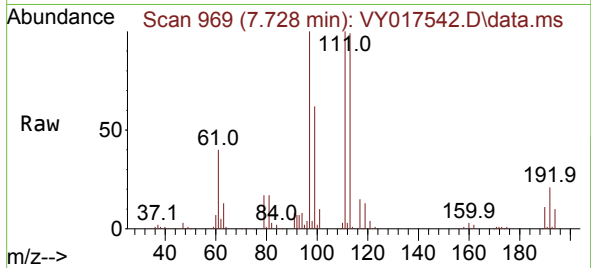




#35
Dibromofluoromethane
Concen: 54.951 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

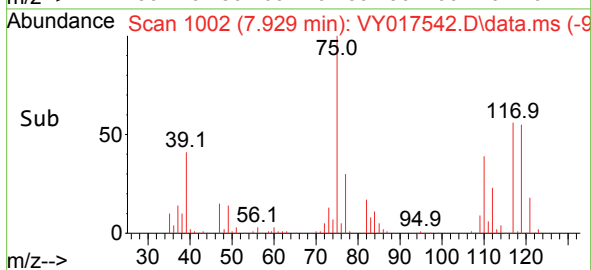
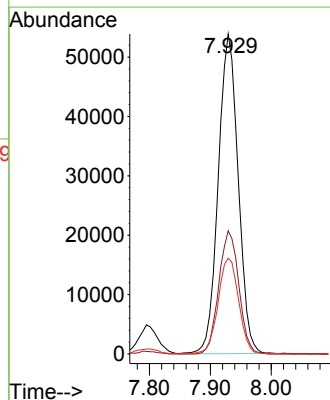
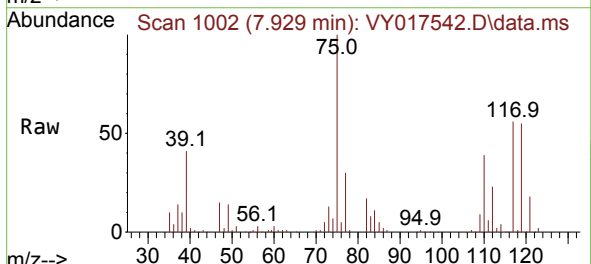
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

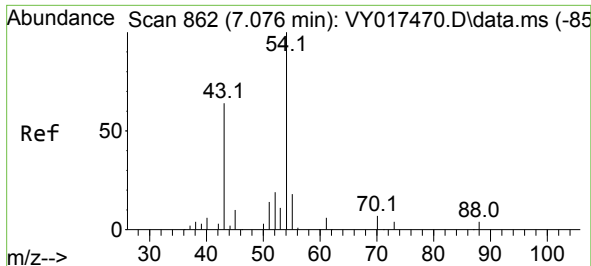
Tgt Ion:113 Resp: 86763
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 57.369 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 75 Resp: 122215
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 31.1 25.3 37.9

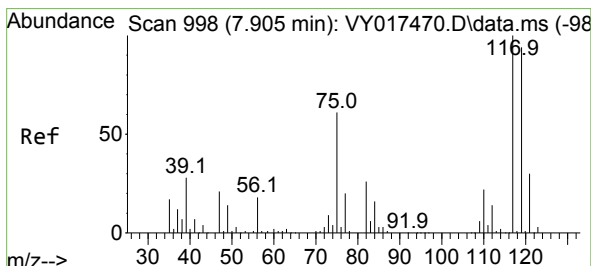
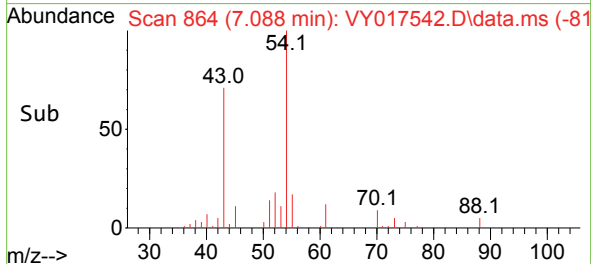
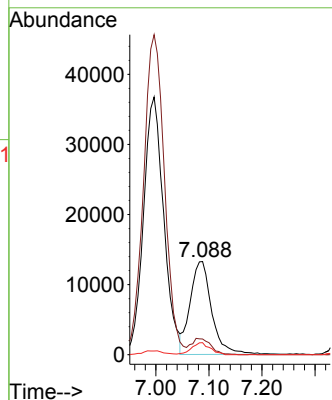
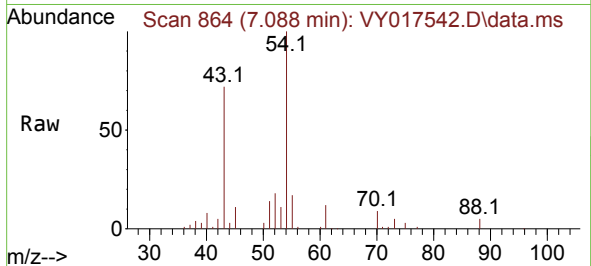




#37
Ethyl Acetate
Concen: 44.390 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

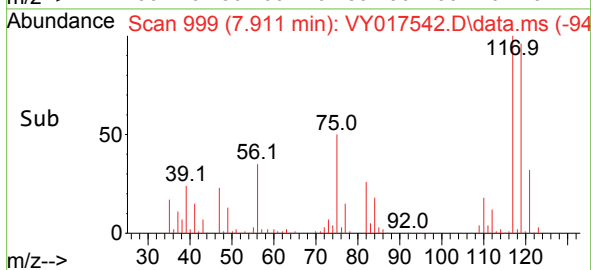
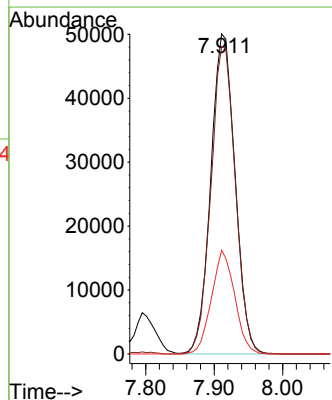
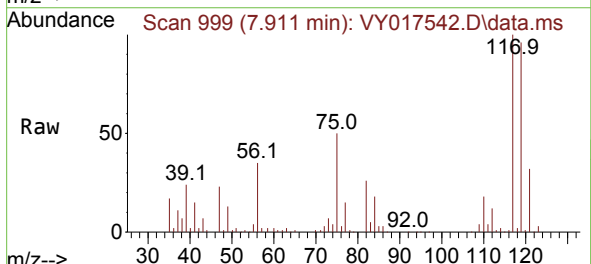
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

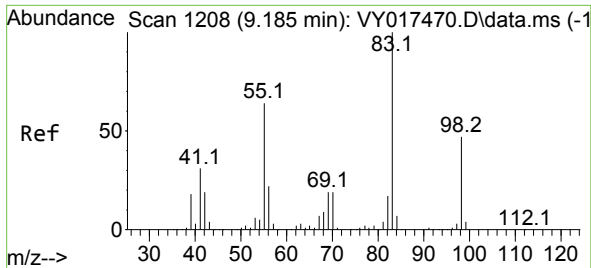
Tgt Ion: 43 Resp: 37350
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 11.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 57.805 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 117 Resp: 123417
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 32.4 24.0 36.0

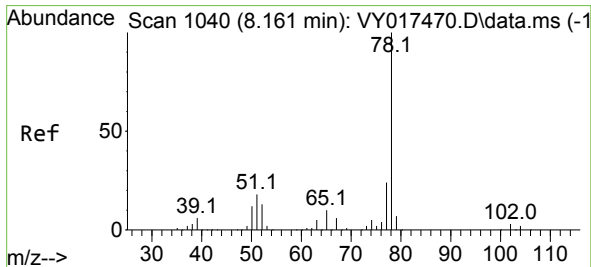
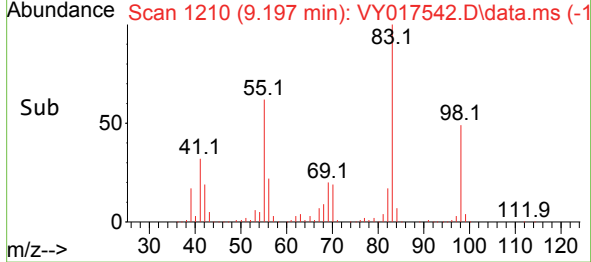
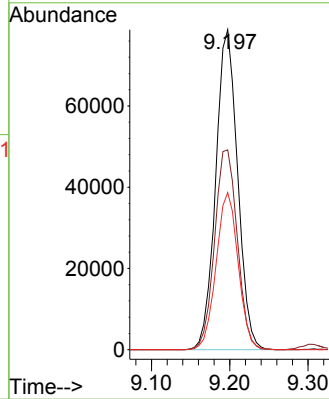
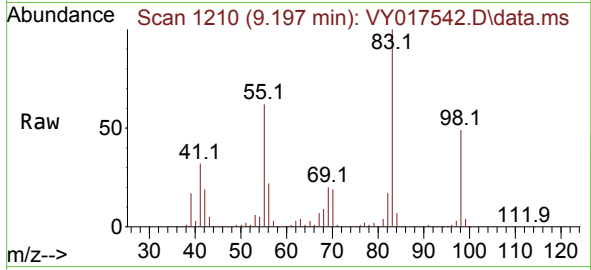




#39
Methylcyclohexane
Concen: 59.812 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

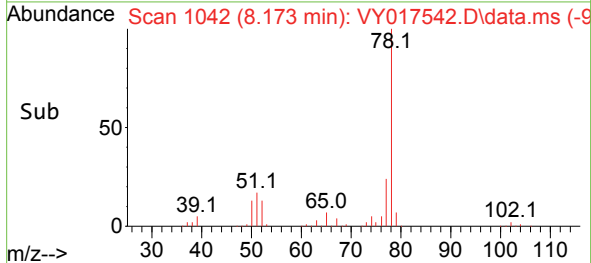
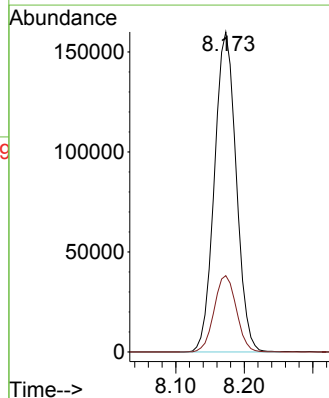
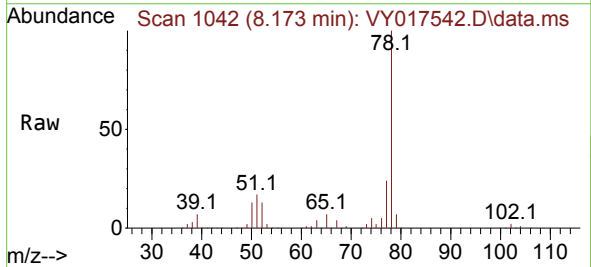
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

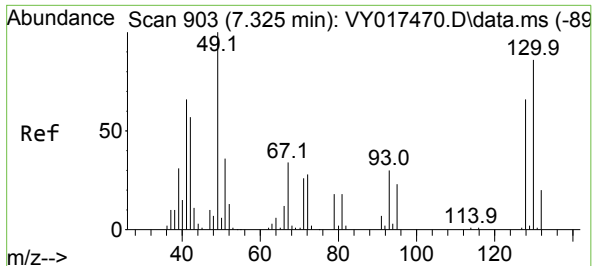
Tgt Ion: 83 Resp: 153129
Ion Ratio Lower Upper
83 100
55 62.5 51.5 77.3
98 49.1 40.5 60.7



#40
Benzene
Concen: 55.716 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 78 Resp: 352489
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3



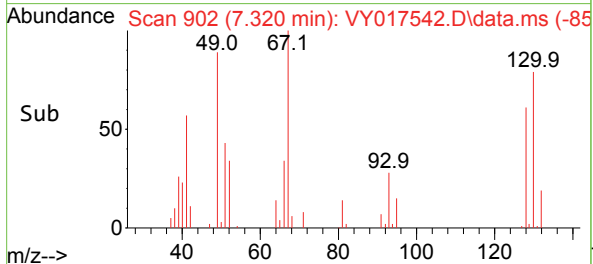
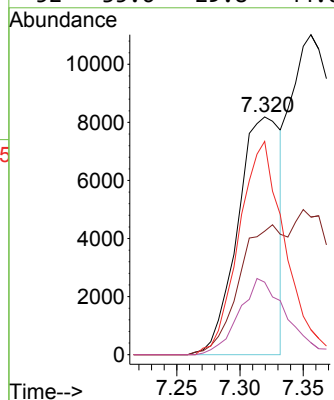
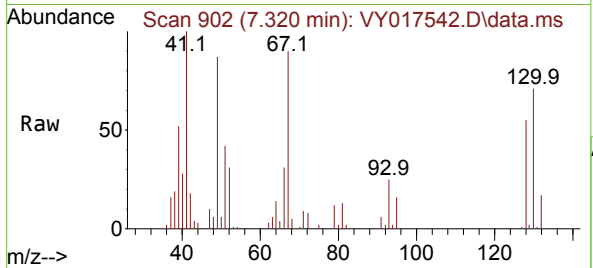


#41
Methacrylonitrile
Concen: 45.580 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 19245

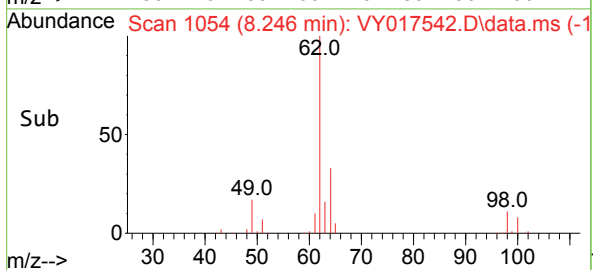
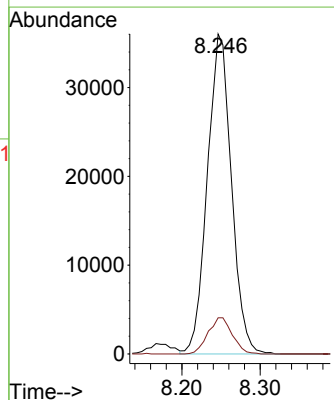
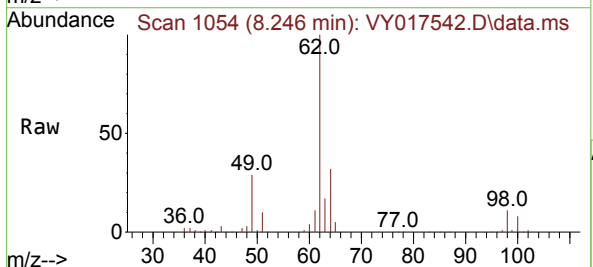
Ion	Ratio	Lower	Upper
41	100		
39	61.0	48.0	72.0
67	96.8	75.1	112.7
52	35.6	29.8	44.6

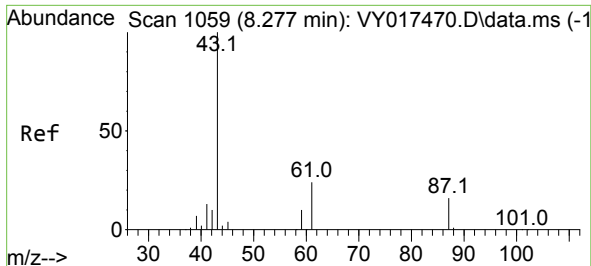


#42
1,2-Dichloroethane
Concen: 49.871 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 62 Resp: 76979

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0

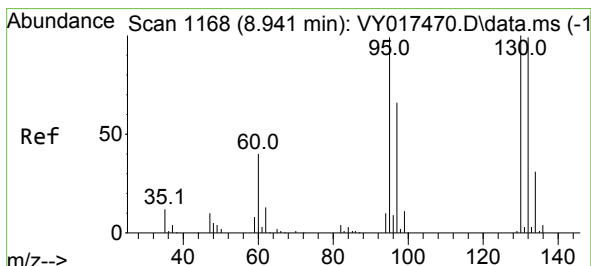
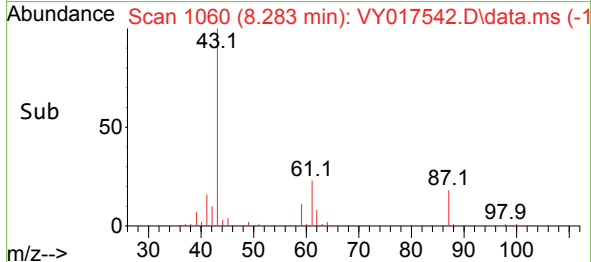
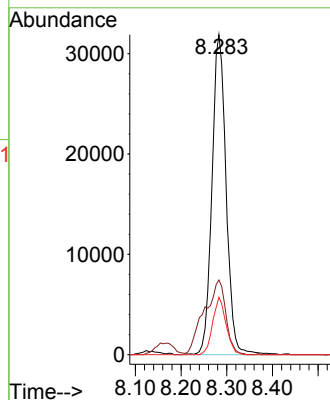
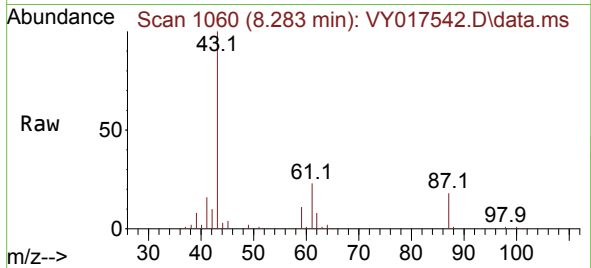




#43
Isopropyl Acetate
Concen: 46.387 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

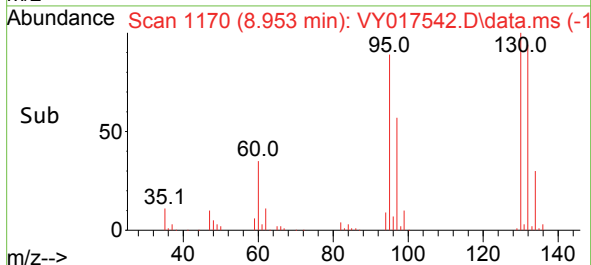
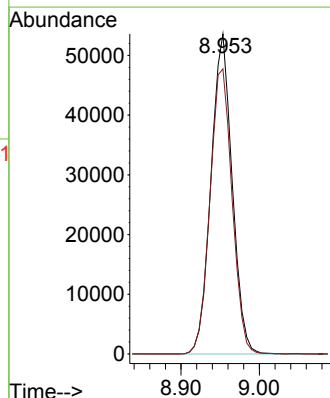
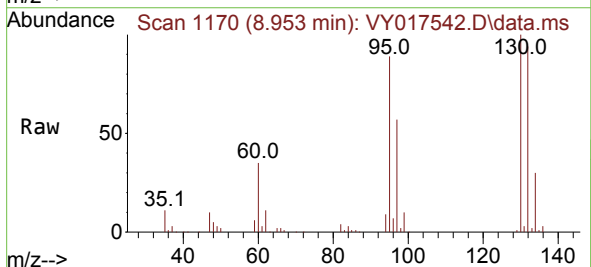
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

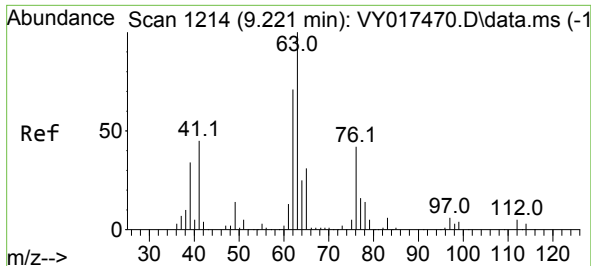
Tgt Ion: 43 Resp: 68586
Ion Ratio Lower Upper
43 100
61 35.4 27.9 41.9
87 16.9 13.1 19.7



#44
Trichloroethene
Concen: 55.074 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 130 Resp: 100427
Ion Ratio Lower Upper
130 100
95 89.1 0.0 188.0

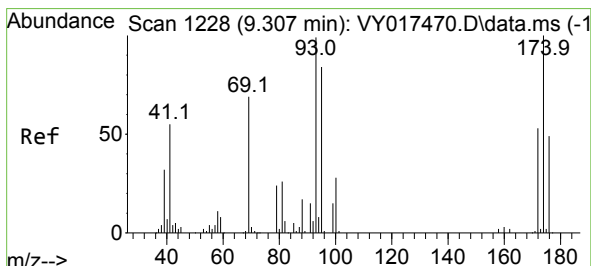
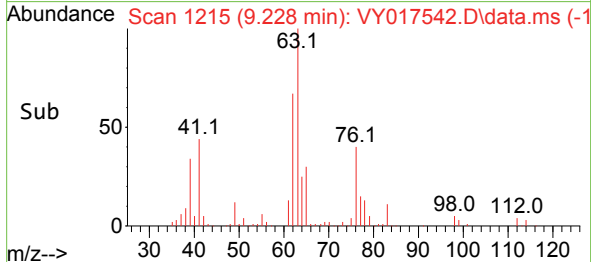
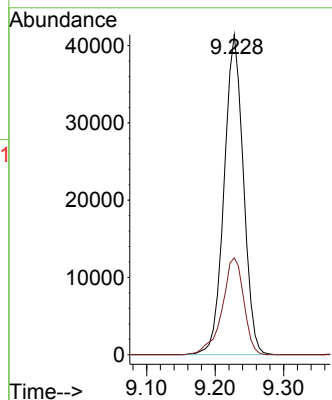
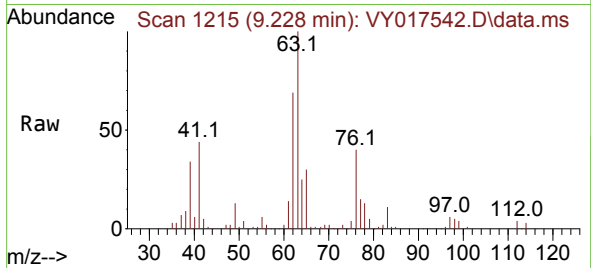




#45
1,2-Dichloropropane
Concen: 53.549 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

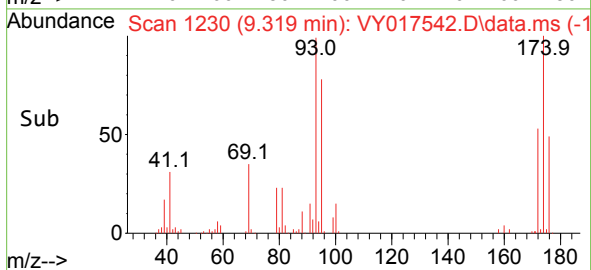
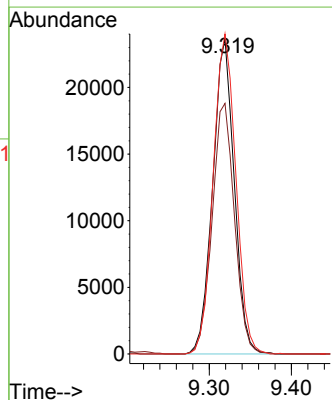
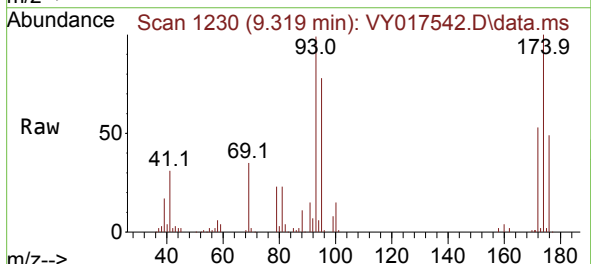
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

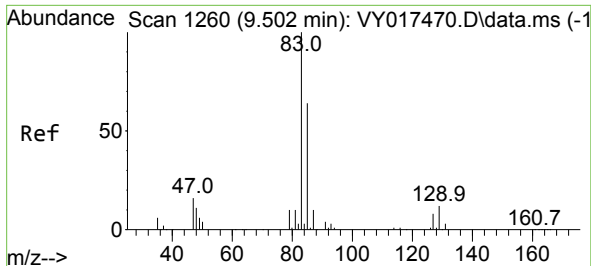
Tgt Ion: 63 Resp: 80600
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2



#46
Dibromomethane
Concen: 49.967 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 93 Resp: 43042
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.4
174 106.7 80.9 121.3

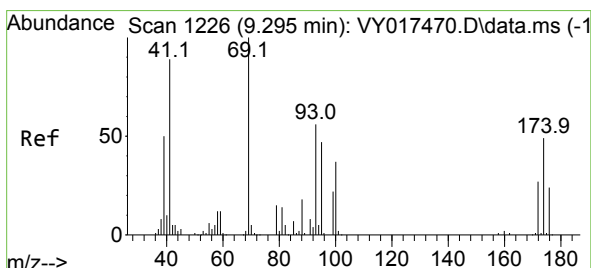
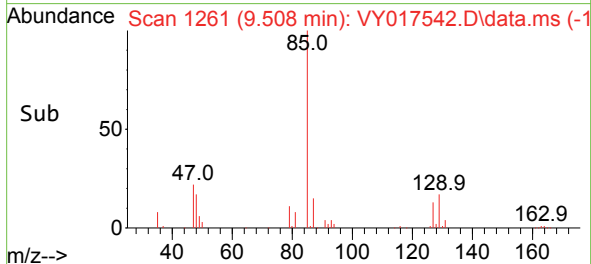
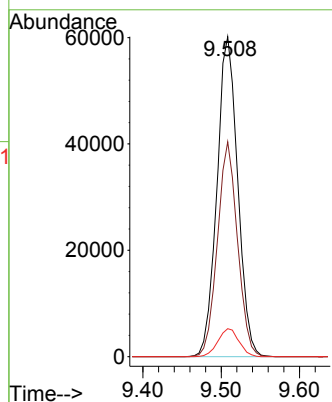
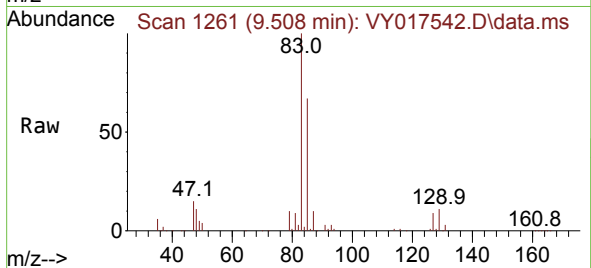




#47
Bromodichloromethane
Concen: 52.965 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

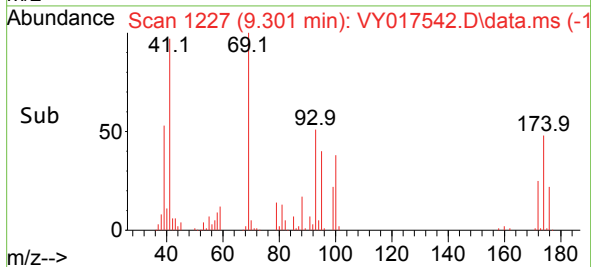
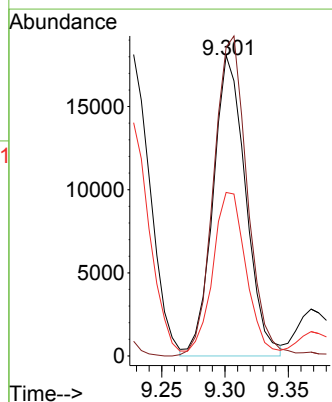
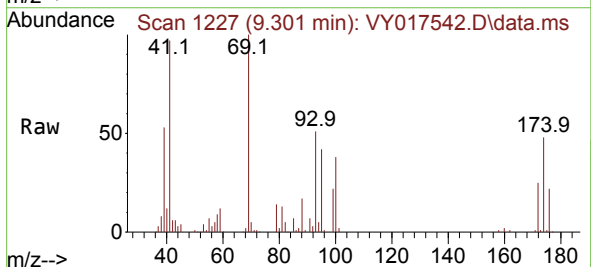
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

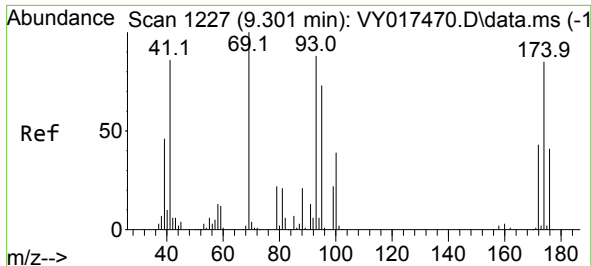
Tgt Ion: 83 Resp: 110781
Ion Ratio Lower Upper
83 100
85 67.2 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 47.330 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 41 Resp: 32392
Ion Ratio Lower Upper
41 100
69 110.2 84.1 126.1
39 52.6 43.6 65.4

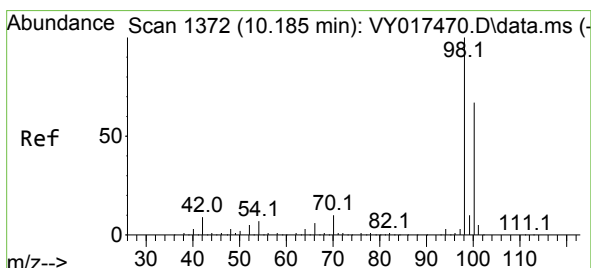
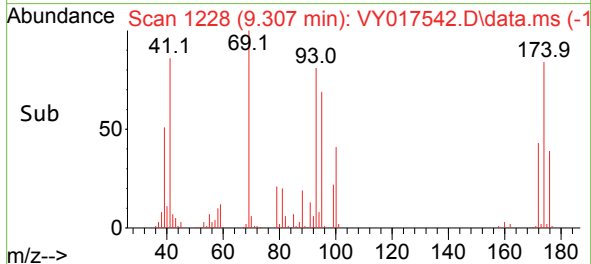
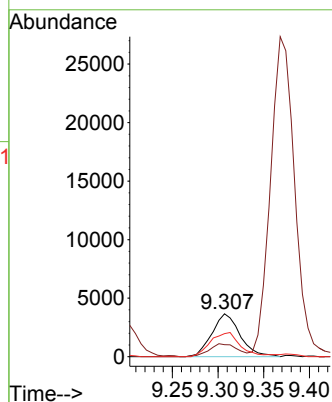
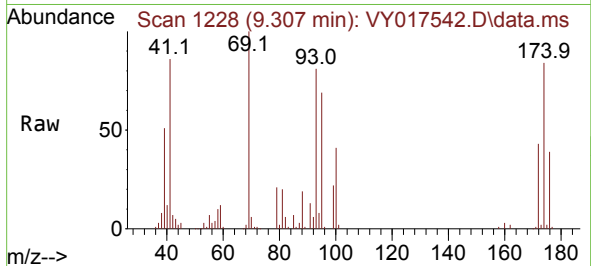




#49
1,4-Dioxane
Concen: 803.901 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

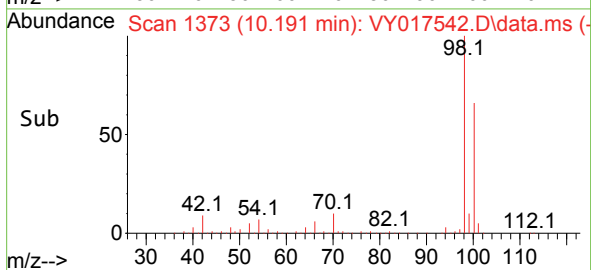
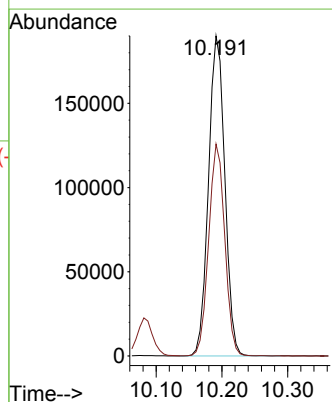
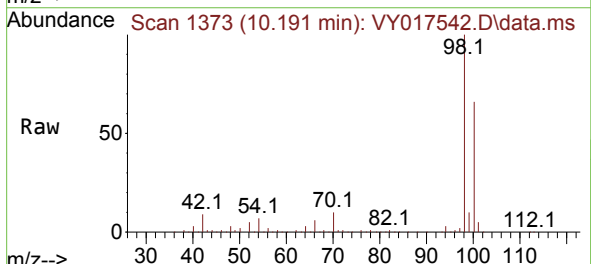
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

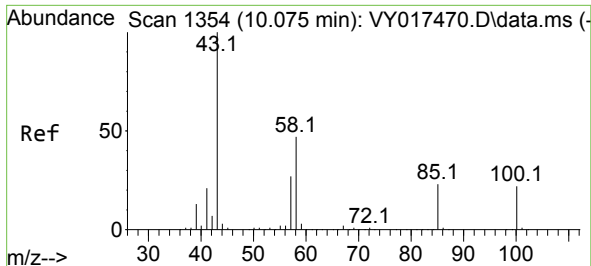
Tgt Ion: 88 Resp: 7837
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0#
58 59.9 49.3 73.9



#50
Toluene-d8
Concen: 59.519 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 98 Resp: 328578
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 226.117 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

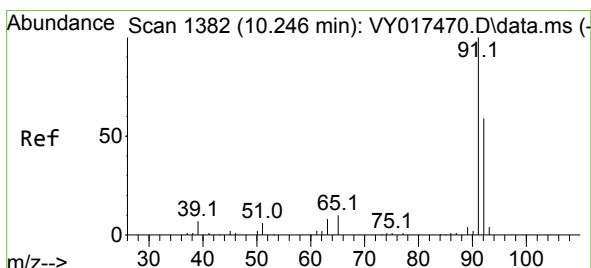
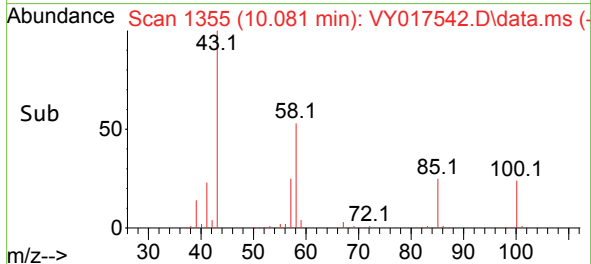
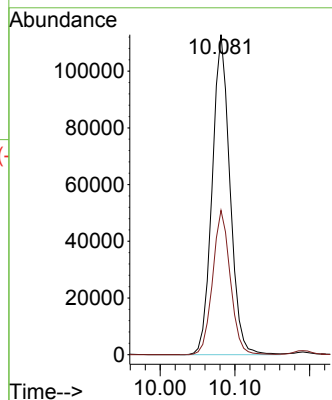
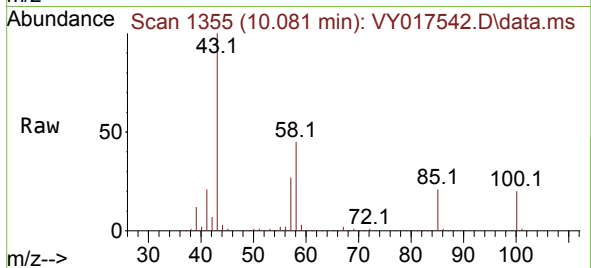
VSTDCCC050

Tgt Ion: 43 Resp: 186330

Ion Ratio Lower Upper

43 100

58 44.8 35.7 53.5



#52

Toluene

Concen: 56.812 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017542.D

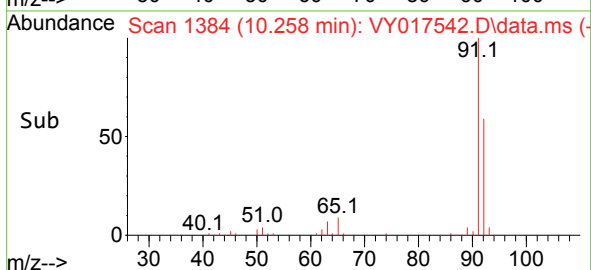
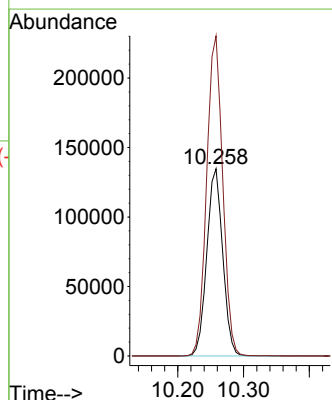
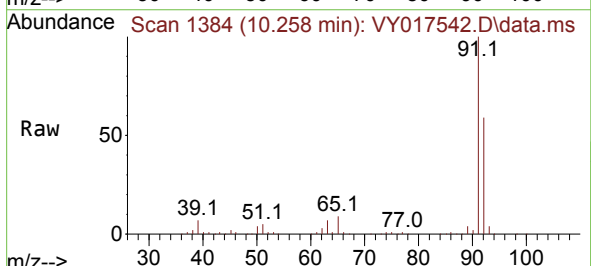
Acq: 01 Mar 2024 09:30

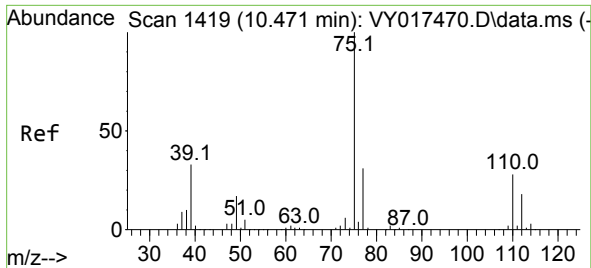
Tgt Ion: 92 Resp: 226581

Ion Ratio Lower Upper

92 100

91 172.6 139.0 208.6

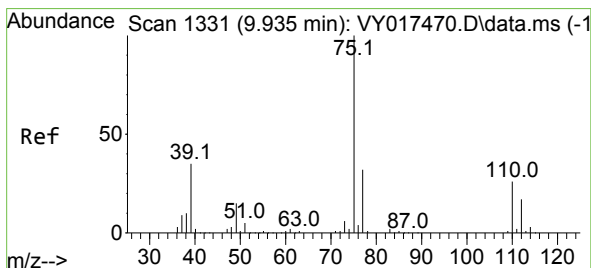
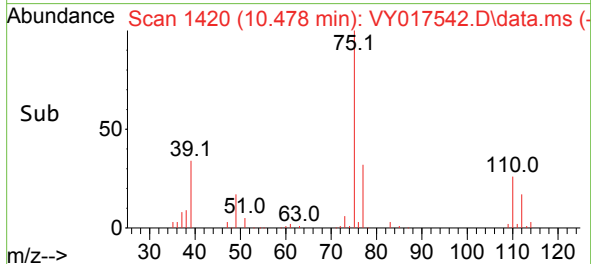
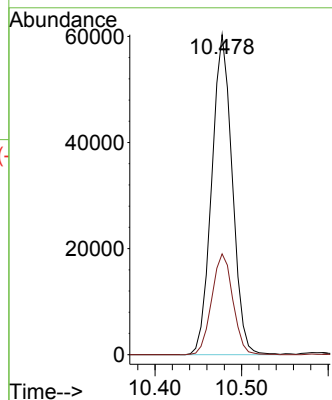
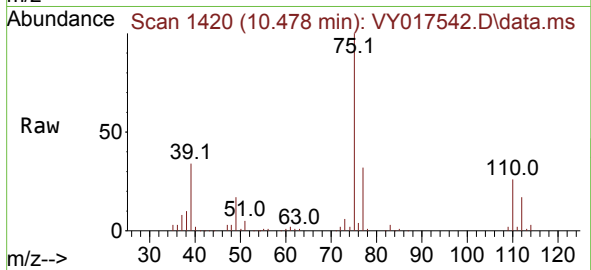




#53
 t-1,3-Dichloropropene
 Concen: 51.179 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017542.D
 Acq: 01 Mar 2024 09:30

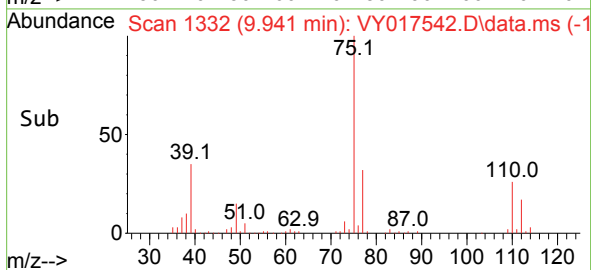
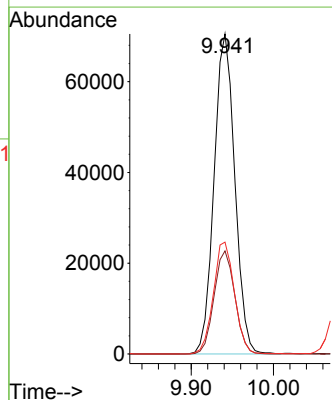
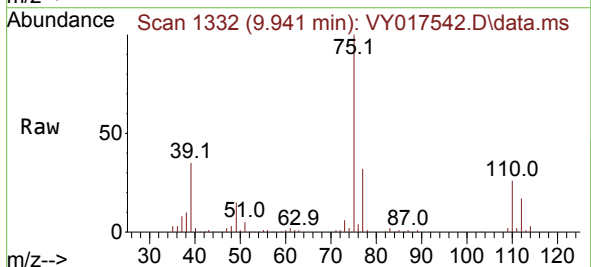
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

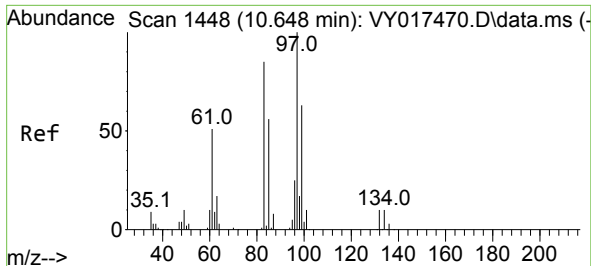
Tgt Ion: 75 Resp: 99356
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.303 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017542.D
 Acq: 01 Mar 2024 09:30

Tgt Ion: 75 Resp: 123378
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 35.0 29.8 44.6

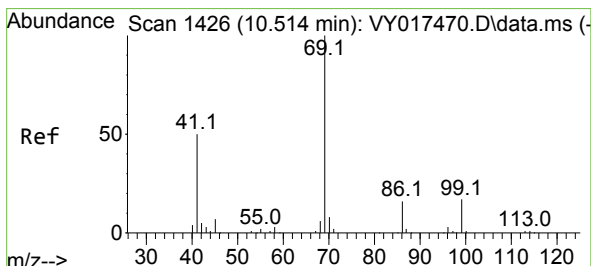
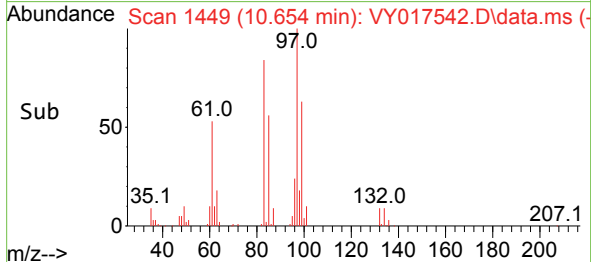
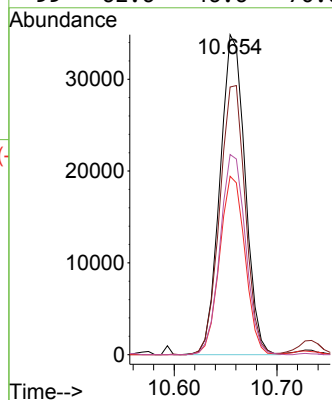
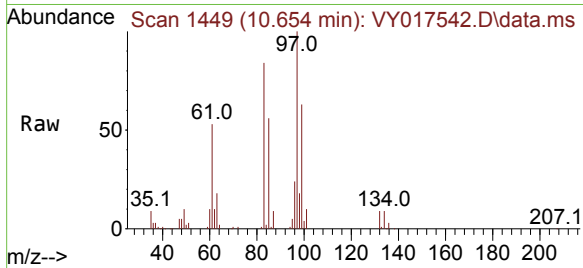




#55
1,1,2-Trichloroethane
Concen: 48.454 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

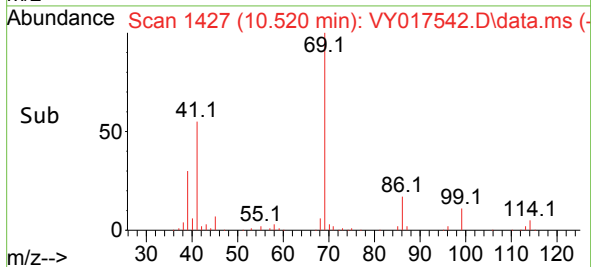
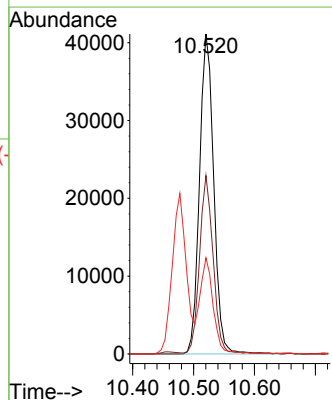
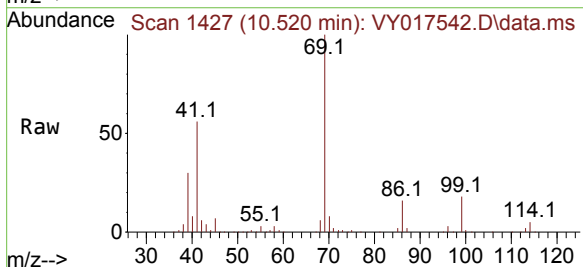
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 59261
Ion Ratio	Lower Upper
97 100	
83 83.6	67.5 101.3
85 55.7	42.9 64.3
99 62.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 44.552 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 69	Resp: 66596
Ion Ratio	Lower Upper
69 100	
41 53.8	42.3 63.5
39 27.3	22.9 34.3

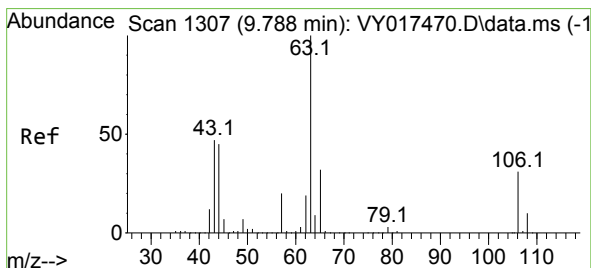
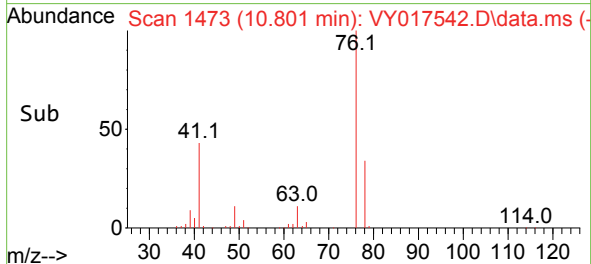
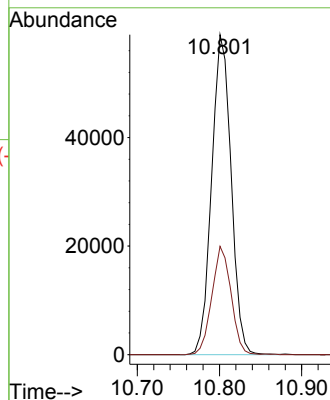
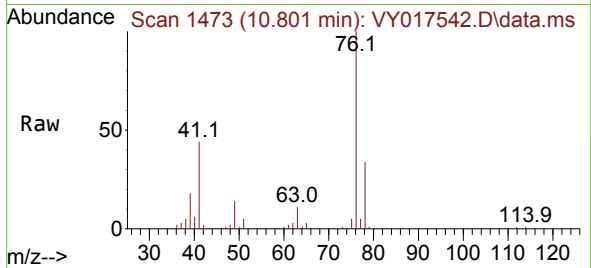




#57
1,3-Dichloropropane
Concen: 48.847 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

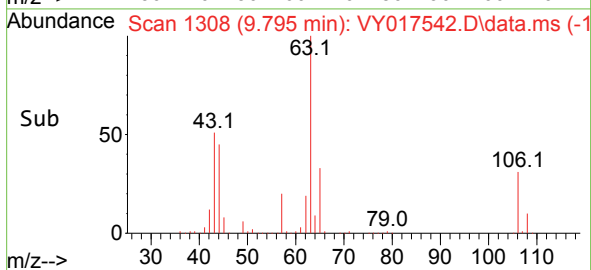
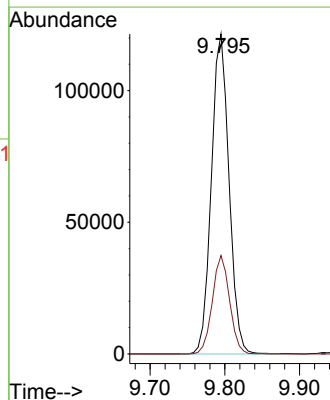
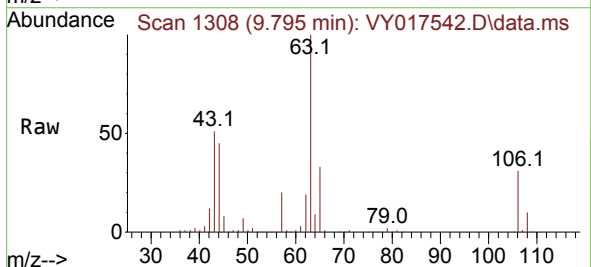
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

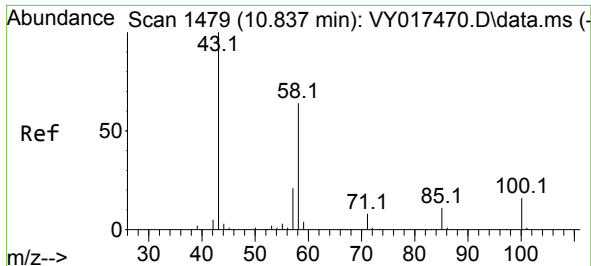
Tgt Ion: 76 Resp: 97133
Ion Ratio Lower Upper
76 100
78 33.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 282.127 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 63 Resp: 199113
Ion Ratio Lower Upper
63 100
106 30.0 23.7 35.5

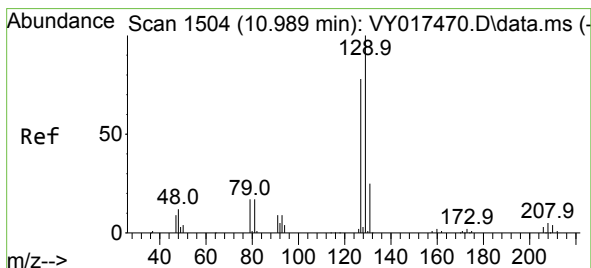
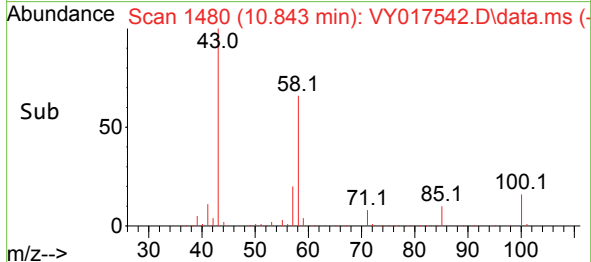
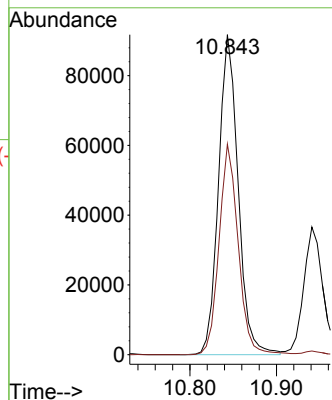
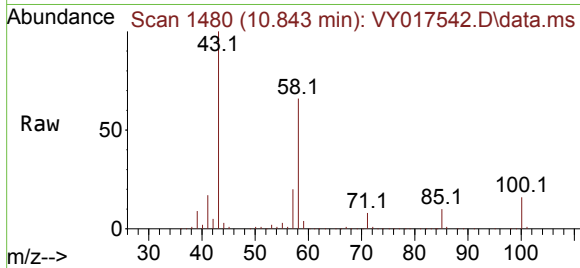




#59
2-Hexanone
Concen: 255.001 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

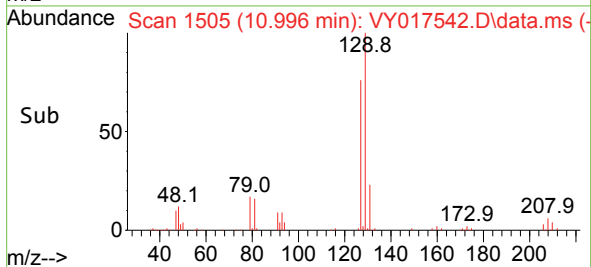
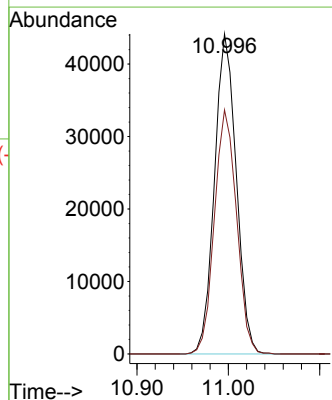
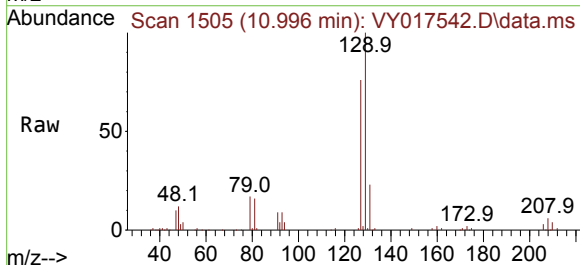
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 144335
Ion Ratio Lower Upper
43 100
58 64.3 31.4 94.0



#60
Dibromochloromethane
Concen: 50.654 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 129 Resp: 73289
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 48.746 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

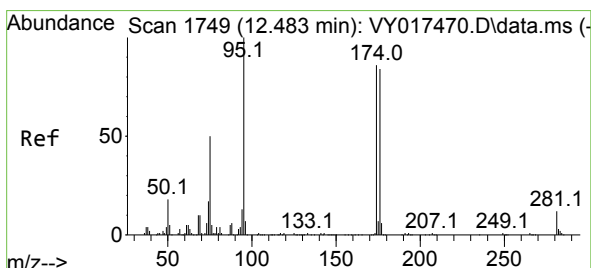
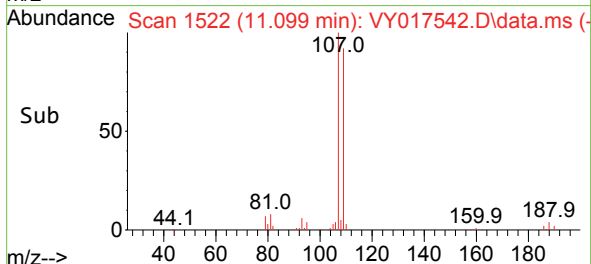
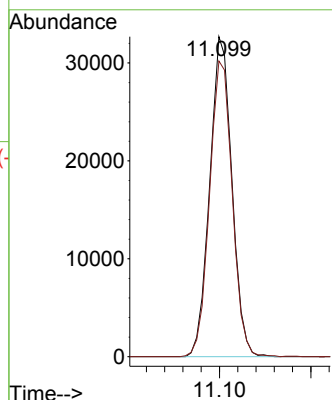
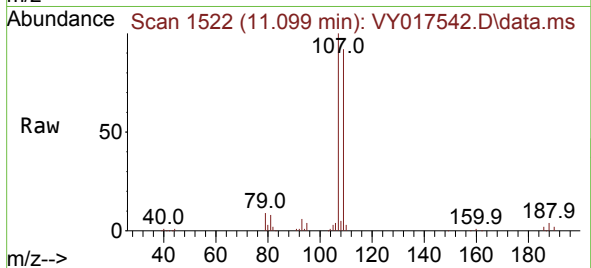
VSTDCCC050

Tgt Ion:107 Resp: 54941

Ion Ratio Lower Upper

107 100

109 94.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 55.898 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

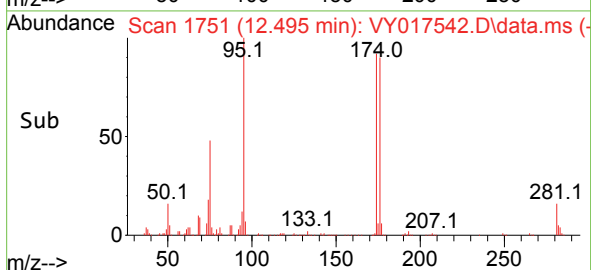
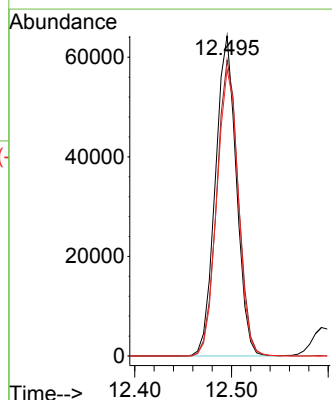
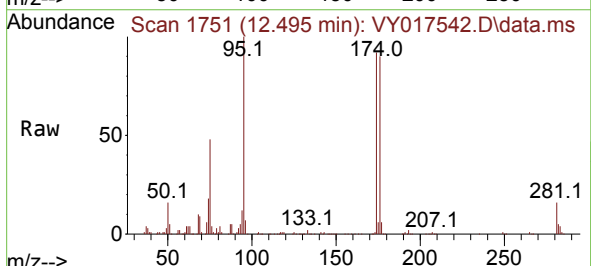
Tgt Ion: 95 Resp: 96981

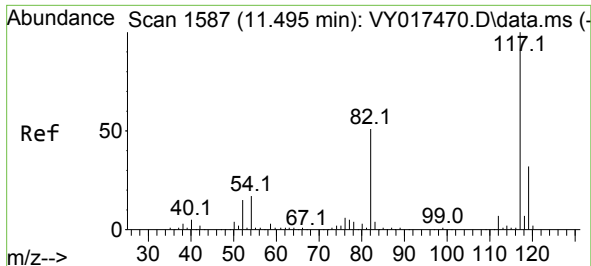
Ion Ratio Lower Upper

95 100

174 94.7 0.0 175.6

176 91.3 0.0 171.4

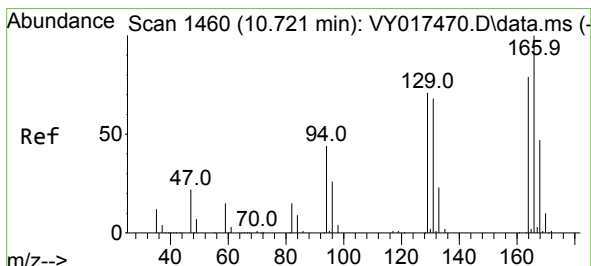
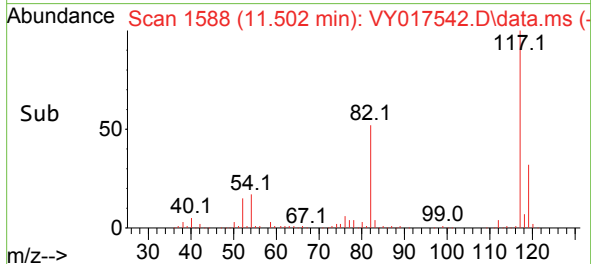
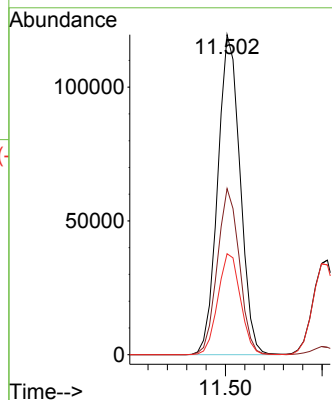
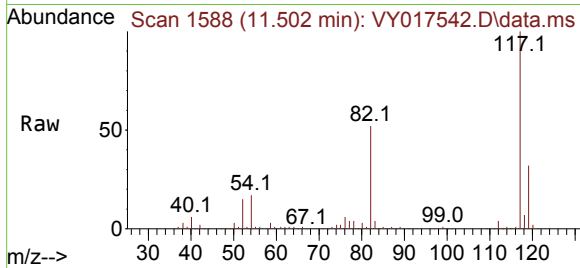




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

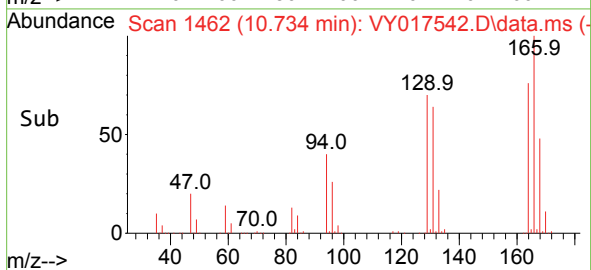
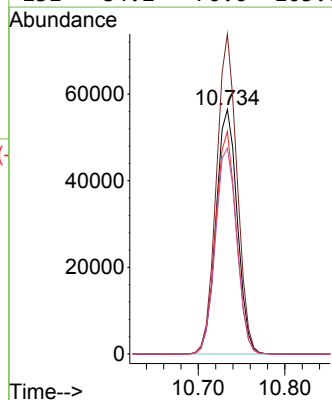
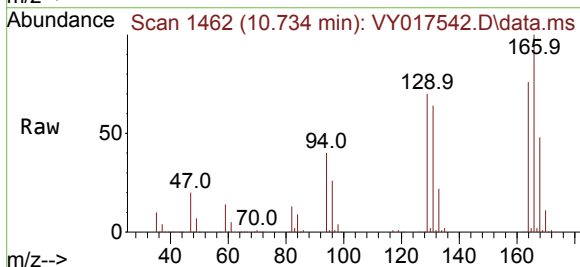
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

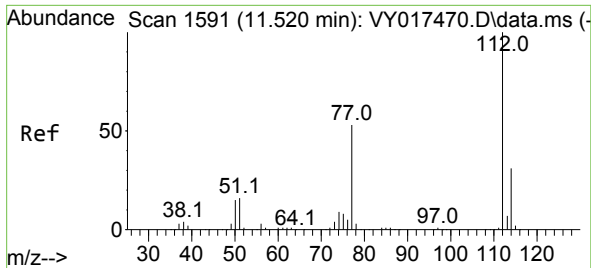
Tgt Ion:117 Resp: 192145
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 52.110 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion:164 Resp: 96104
Ion Ratio Lower Upper
164 100
166 130.9 102.6 154.0
129 91.1 72.0 108.0
131 84.2 70.0 105.0

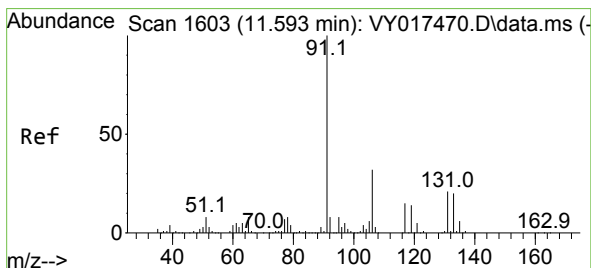
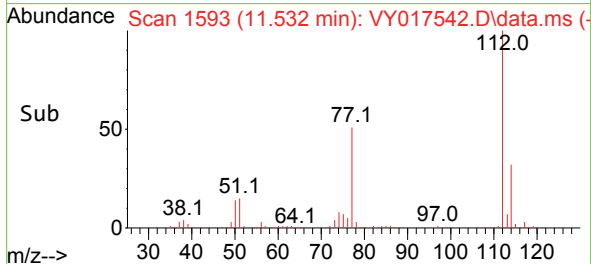
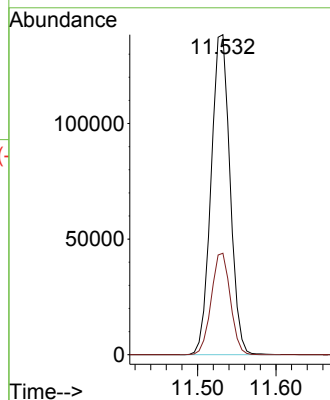
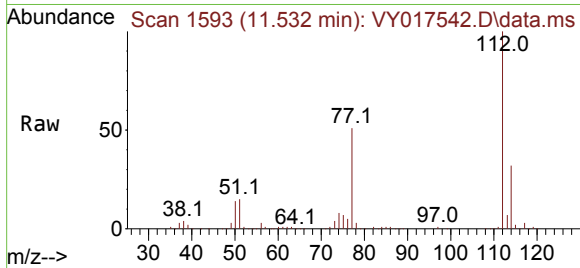




#65
Chlorobenzene
Concen: 57.016 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

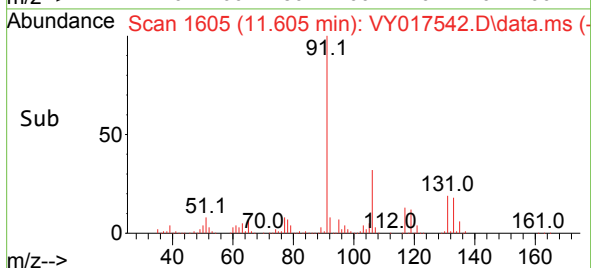
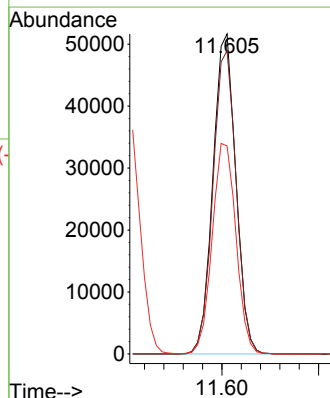
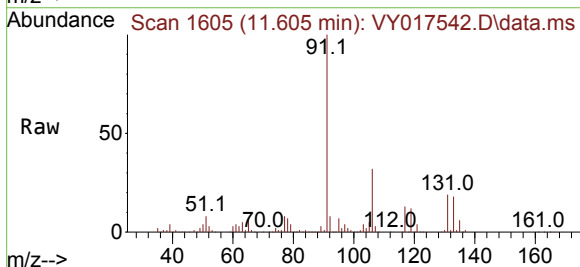
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

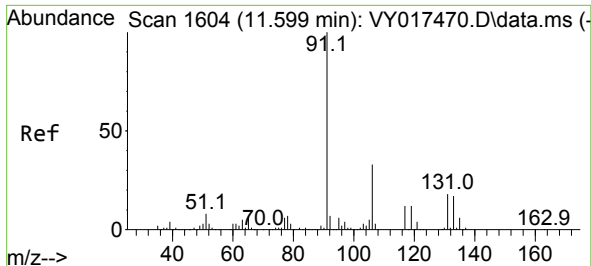
Tgt Ion:112 Resp: 232535
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.433 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion:131 Resp: 84697
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 68.5 34.1 102.2





#67

Ethyl Benzene

Concen: 59.724 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

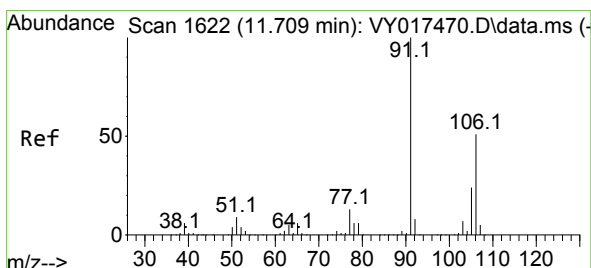
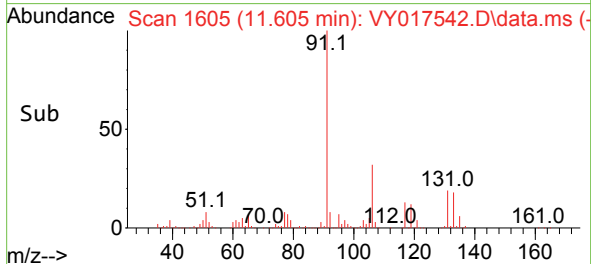
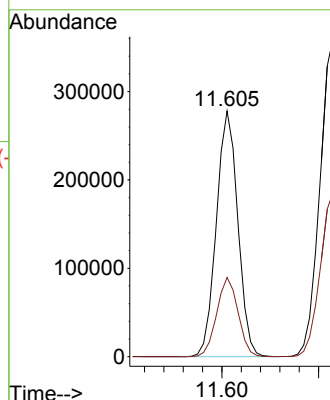
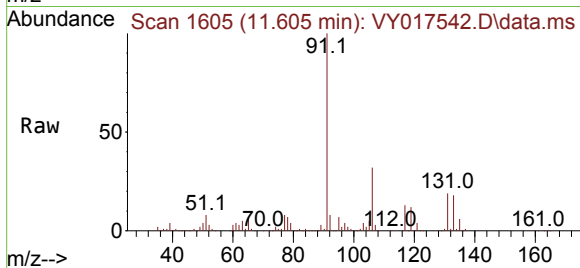
VSTDCCC050

Tgt Ion: 91 Resp: 427180

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 119.879 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017542.D

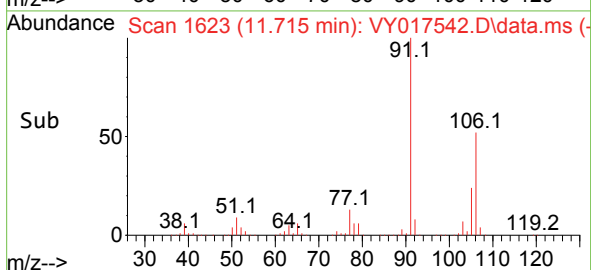
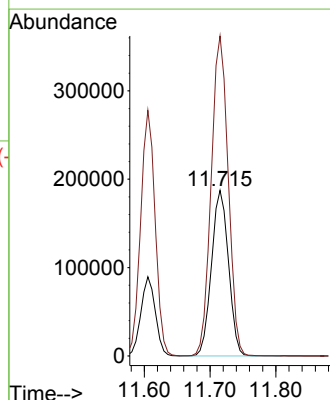
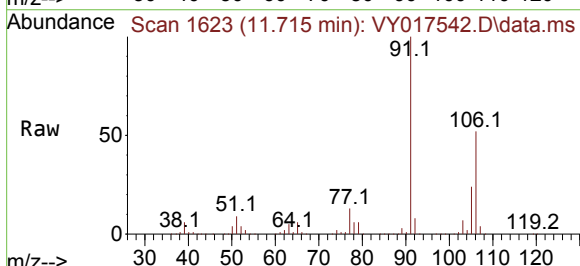
Acq: 01 Mar 2024 09:30

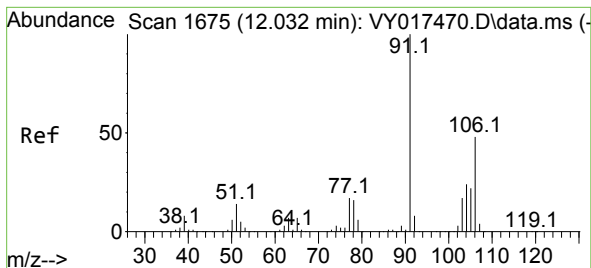
Tgt Ion:106 Resp: 336922

Ion Ratio Lower Upper

106 100

91 193.2 156.0 234.0





#69

o-Xylene

Concen: 58.836 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

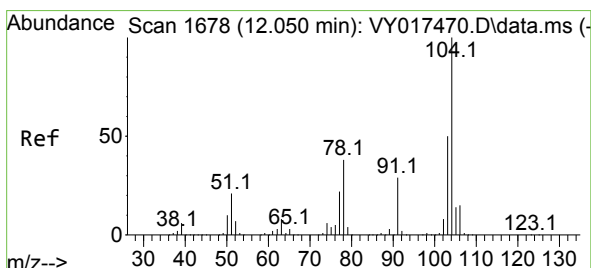
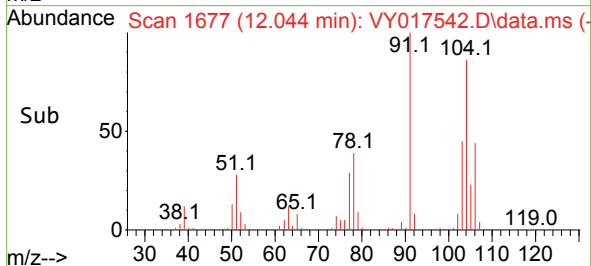
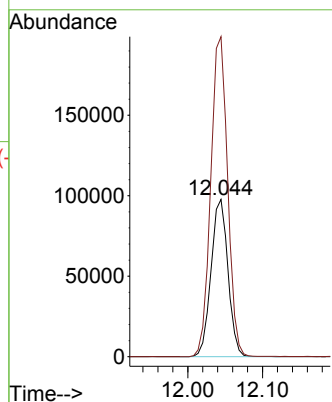
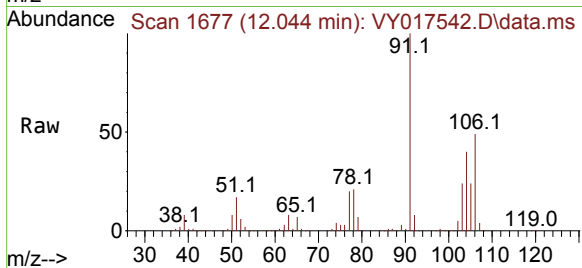
VSTDCCC050

Tgt Ion:106 Resp: 153411

Ion Ratio Lower Upper

106 100

91 203.4 103.6 310.8



#70

Styrene

Concen: 58.458 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

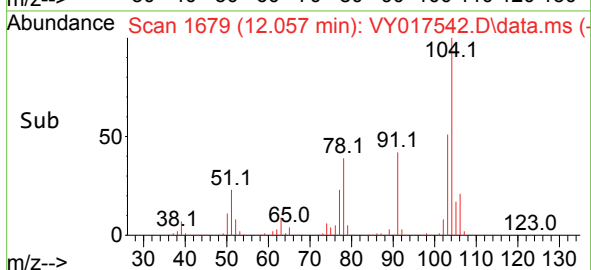
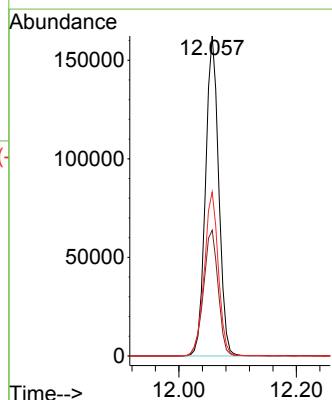
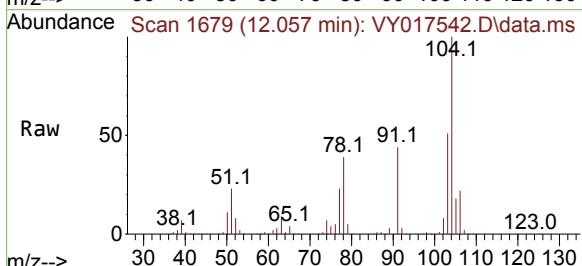
Tgt Ion:104 Resp: 253010

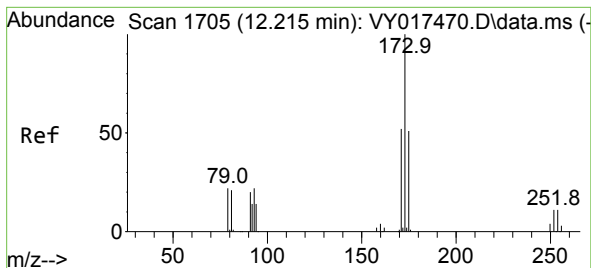
Ion Ratio Lower Upper

104 100

78 43.3 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 50.825 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

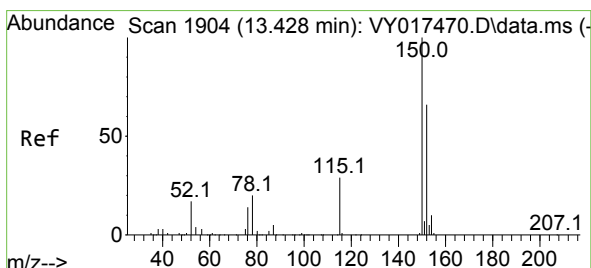
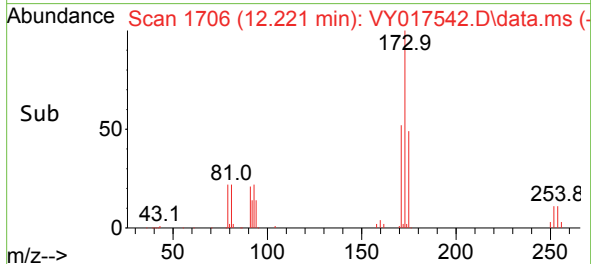
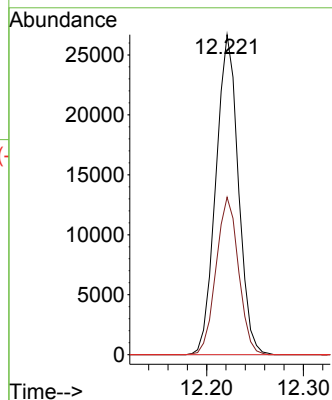
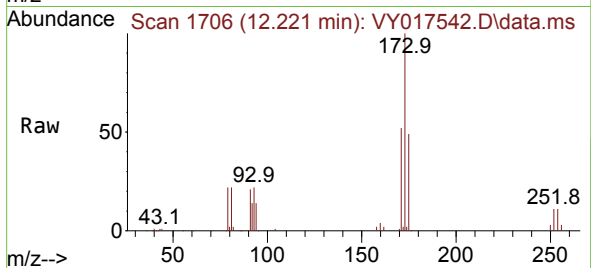
Tgt Ion:173 Resp: 43033

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

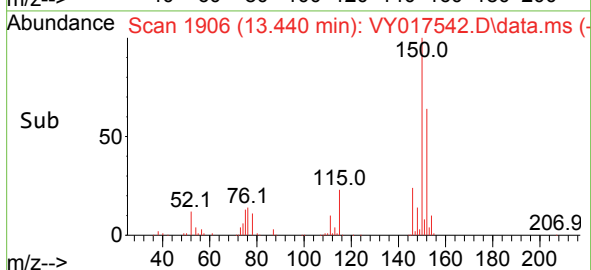
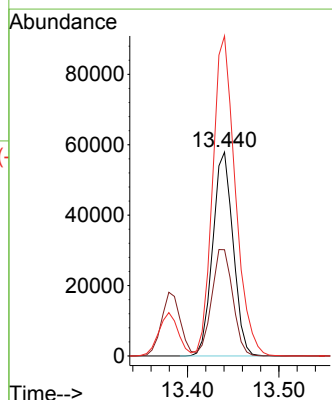
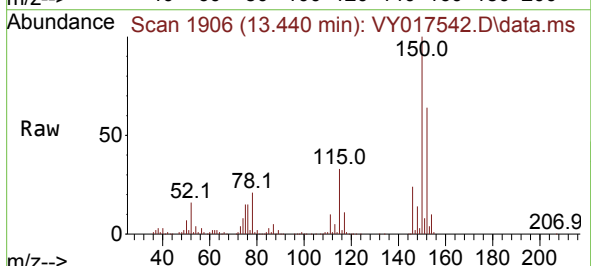
Tgt Ion:152 Resp: 89703

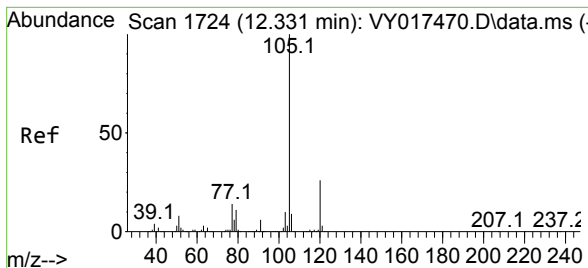
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 174.7 0.0 345.6





#73

Isopropylbenzene

Concen: 61.355 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

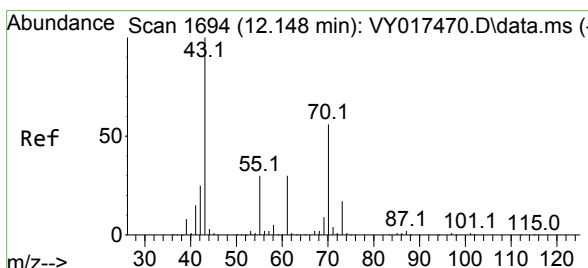
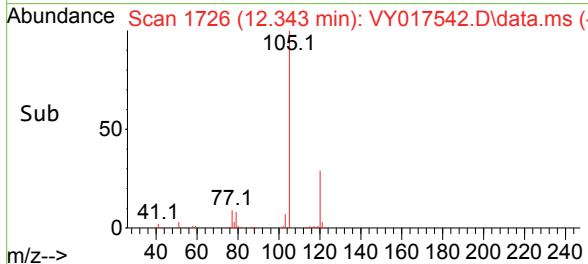
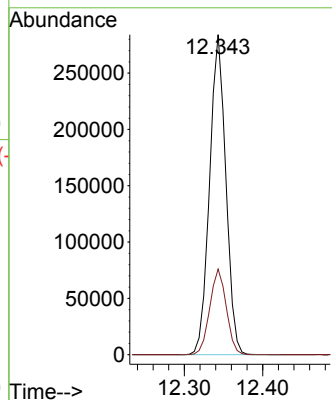
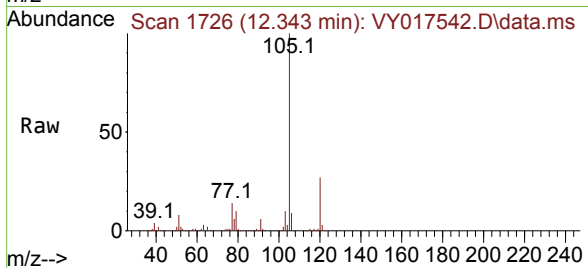
VSTDCCC050

Tgt Ion:105 Resp: 408894

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 48.242 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Tgt Ion: 43 Resp: 56704

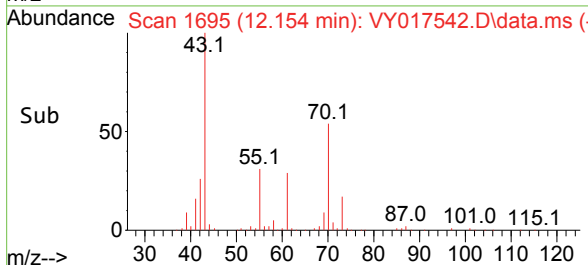
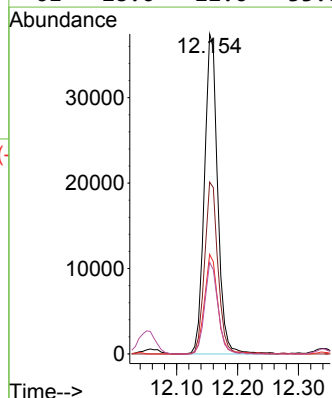
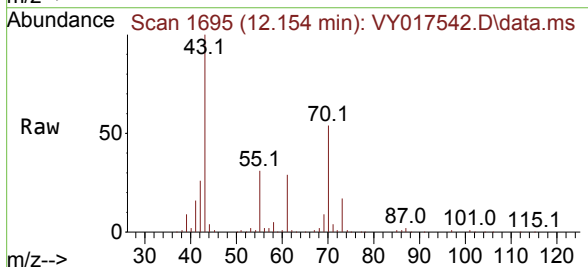
Ion Ratio Lower Upper

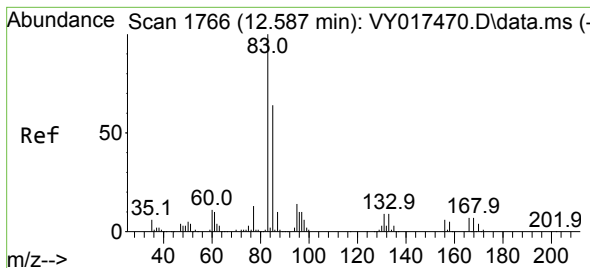
43 100

70 54.1 41.4 62.2

55 31.5 23.3 34.9

61 28.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.219 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

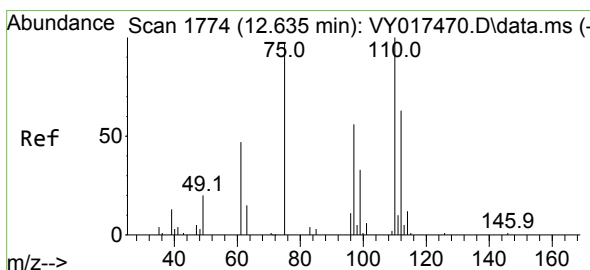
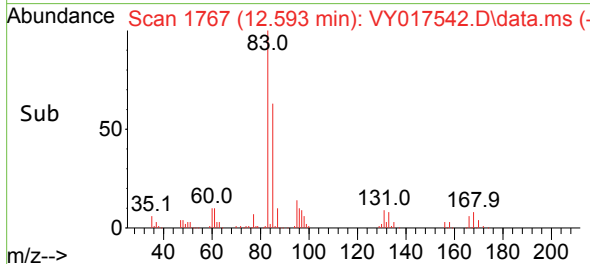
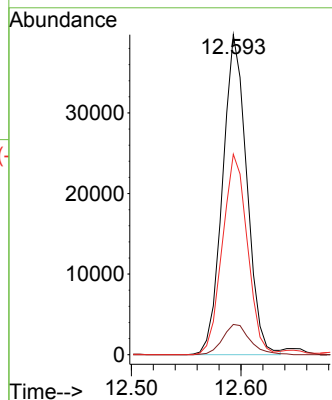
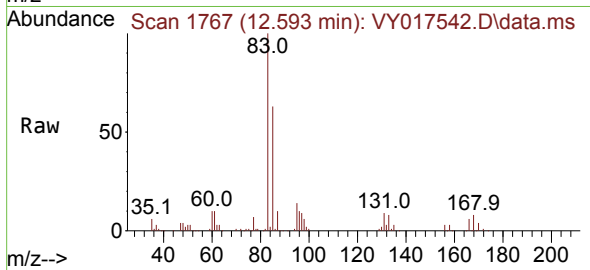
Tgt Ion: 83 Resp: 60905

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.156 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017542.D

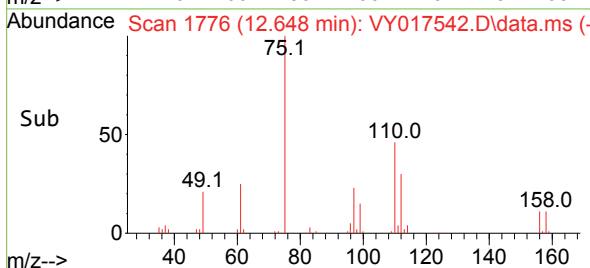
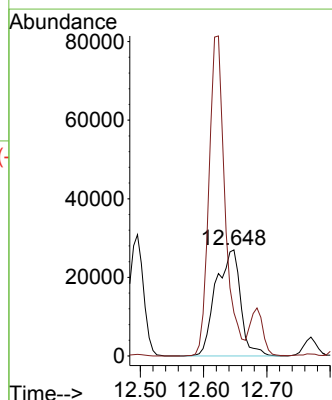
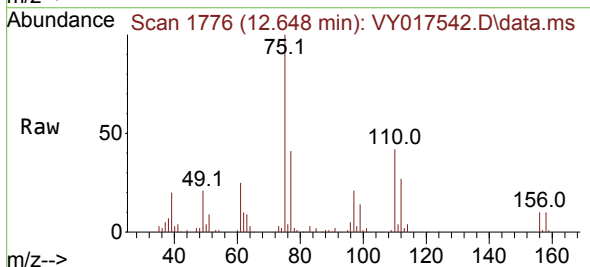
Acq: 01 Mar 2024 09:30

Tgt Ion: 75 Resp: 73432

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.786 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

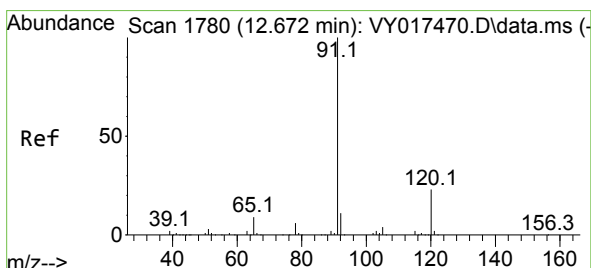
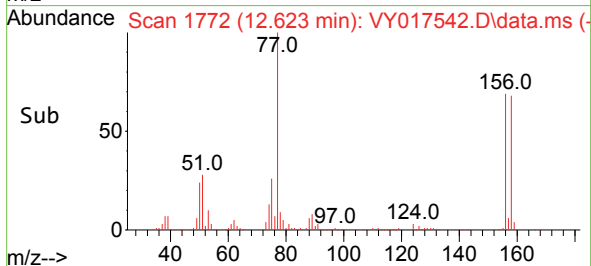
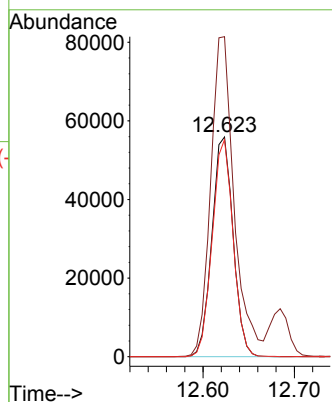
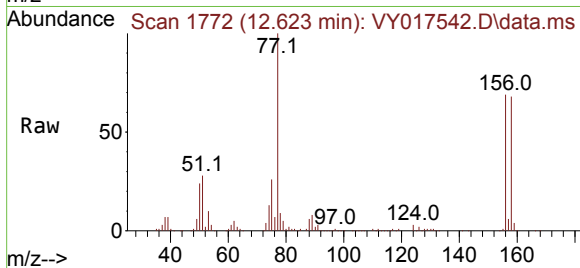
Tgt Ion:156 Resp: 90033

Ion Ratio Lower Upper

156 100

77 161.5 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 60.902 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017542.D

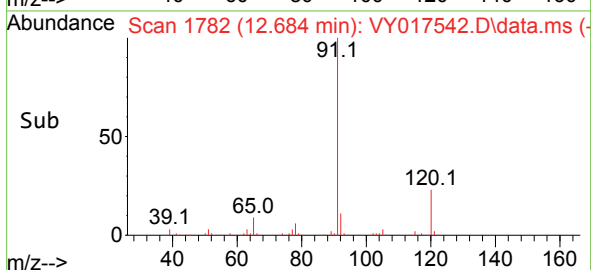
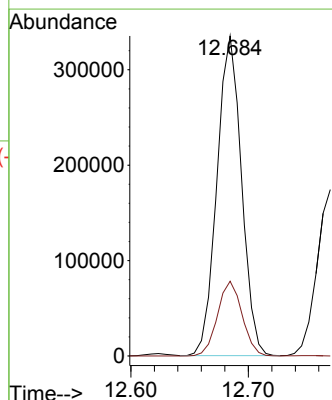
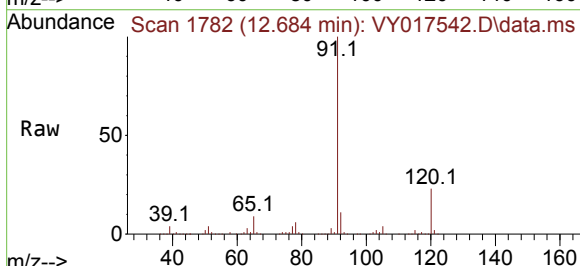
Acq: 01 Mar 2024 09:30

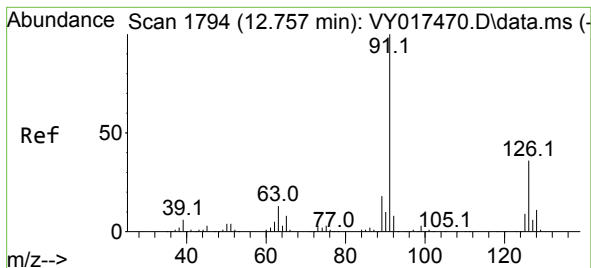
Tgt Ion: 91 Resp: 487008

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 58.140 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

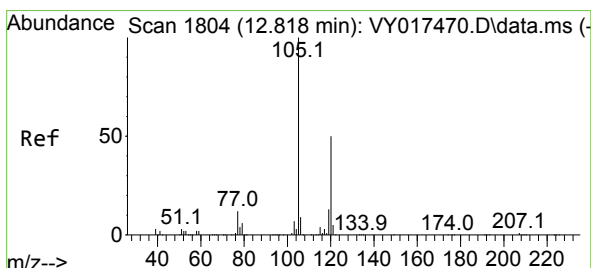
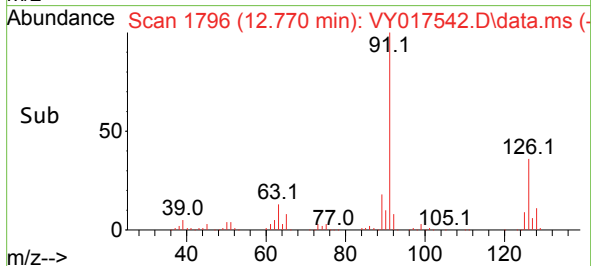
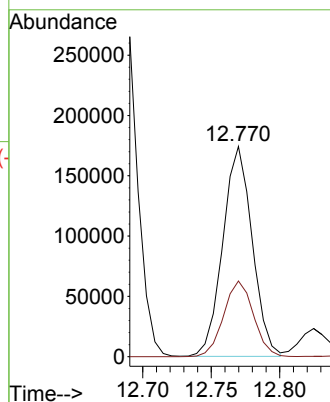
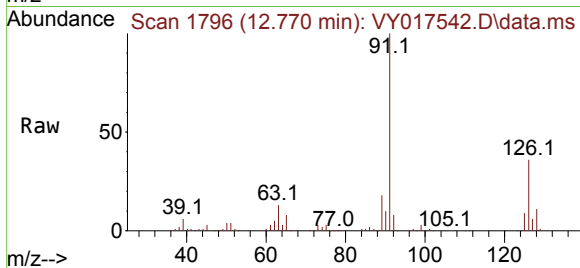
VSTDCCC050

Tgt Ion: 91 Resp: 260297

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 60.118 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017542.D

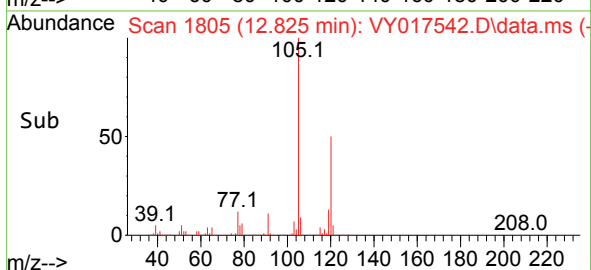
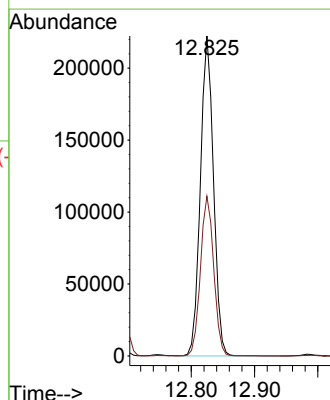
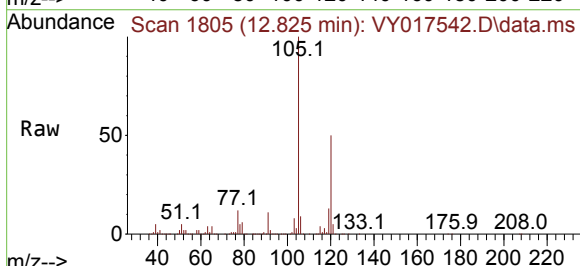
Acq: 01 Mar 2024 09:30

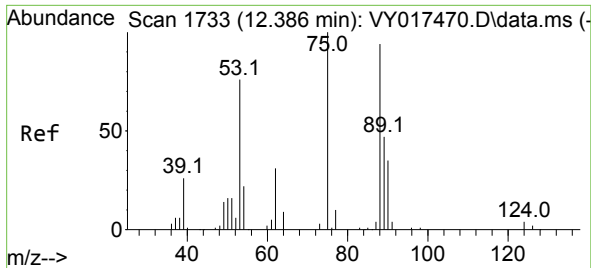
Tgt Ion:105 Resp: 320986

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

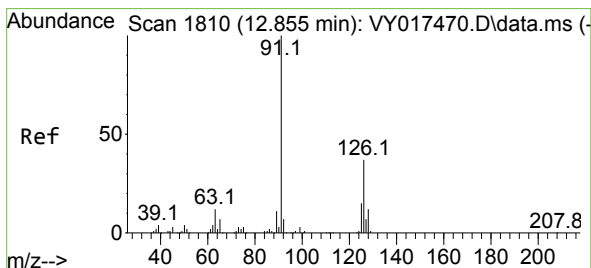
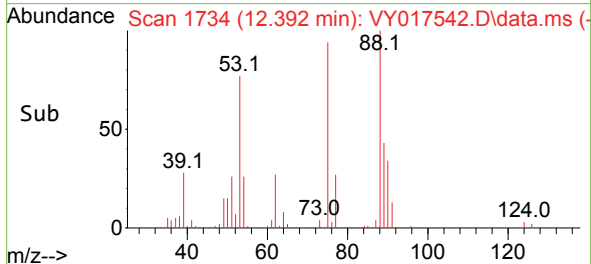
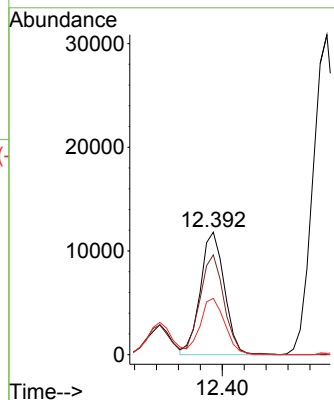
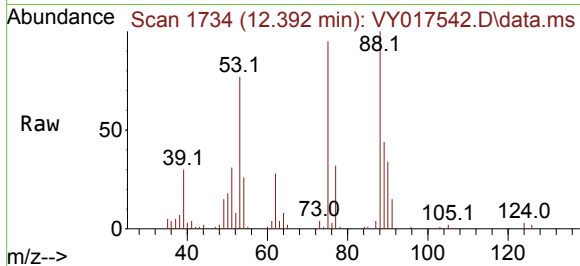




#81
trans-1,4-Dichloro-2-butene
Concen: 48.519 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

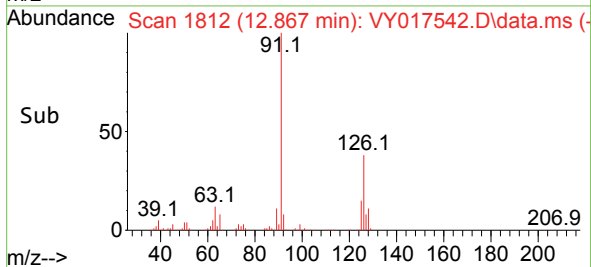
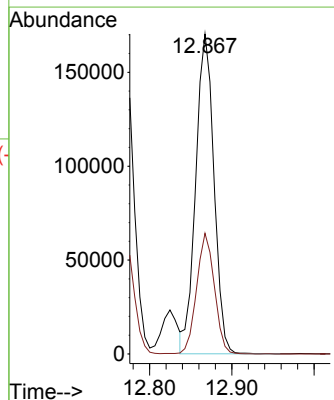
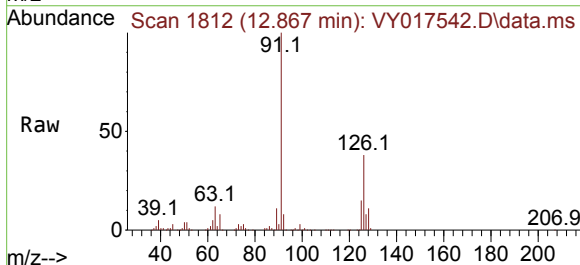
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

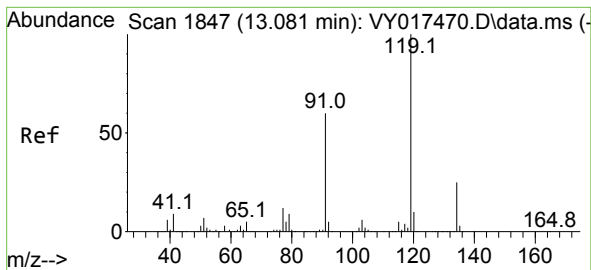
Tgt Ion:	75	Resp:	17997
Ion	Ratio	Lower	Upper
75	100		
53	82.3	66.8	100.2
89	46.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 57.274 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion:	91	Resp:	262272
Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 60.685 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

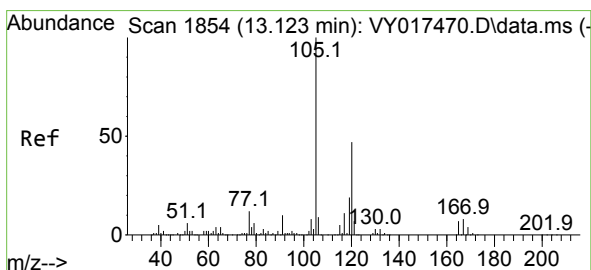
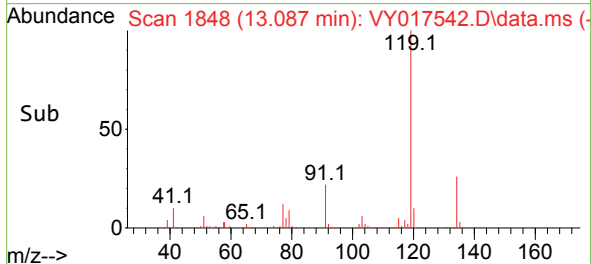
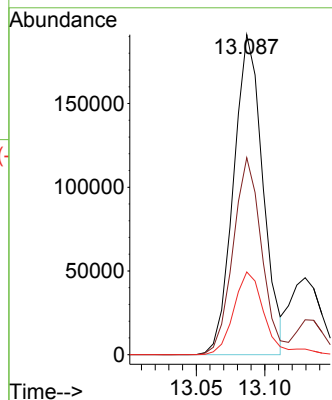
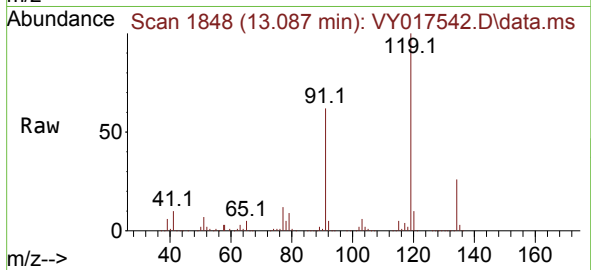
Tgt Ion:119 Resp: 284522

Ion Ratio Lower Upper

119 100

91 60.5 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 59.294 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017542.D

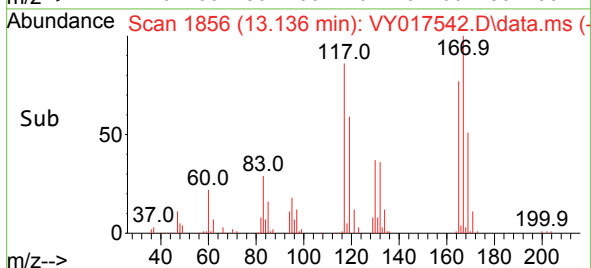
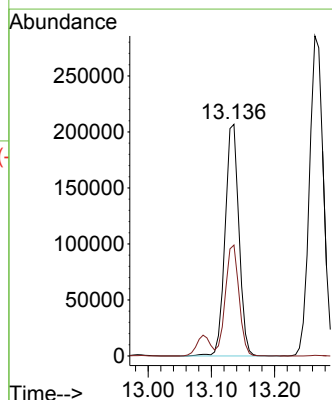
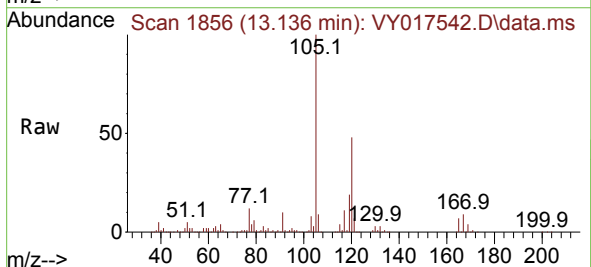
Acq: 01 Mar 2024 09:30

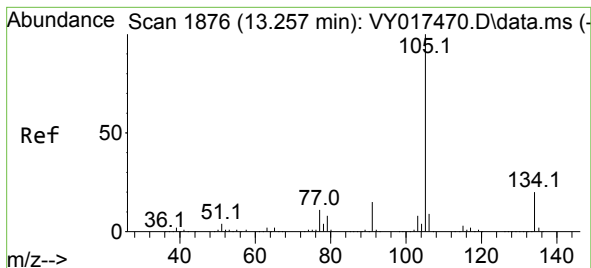
Tgt Ion:105 Resp: 312545

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 60.425 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

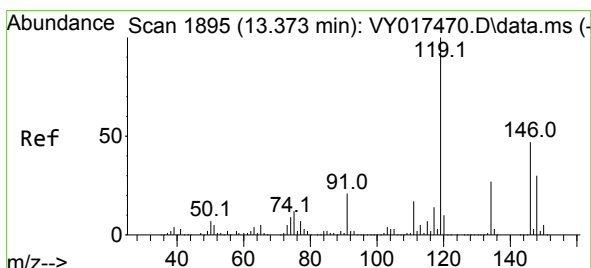
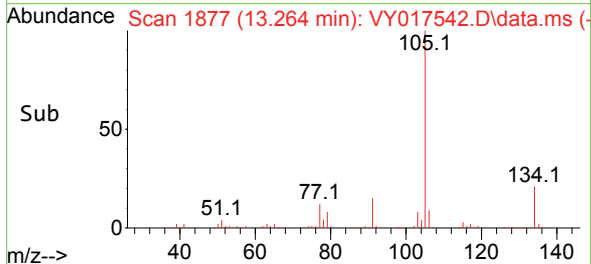
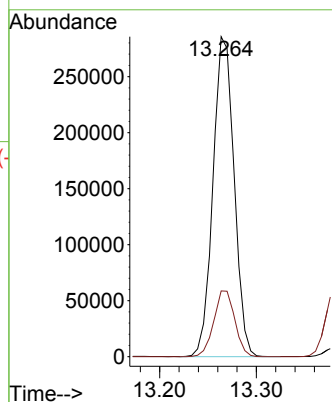
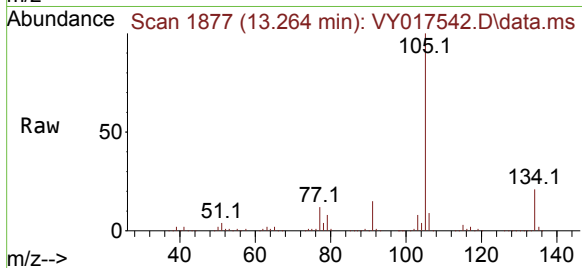
VSTDCCC050

Tgt Ion:105 Resp: 433138

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 60.590 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

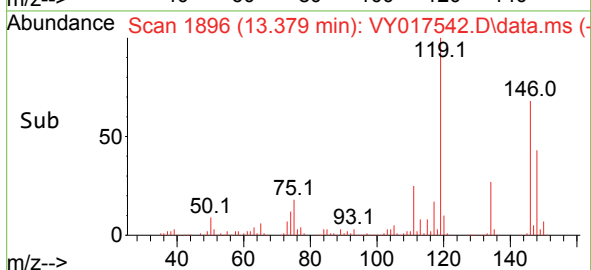
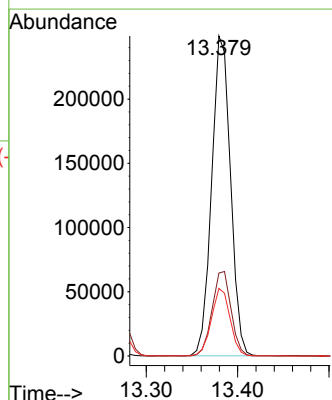
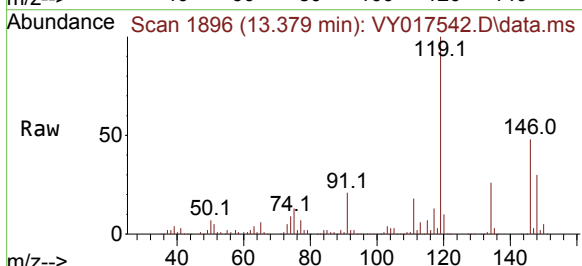
Tgt Ion:119 Resp: 355537

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.645 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

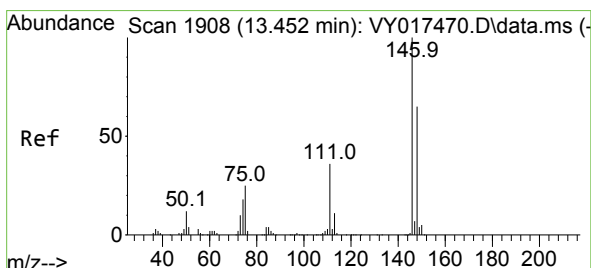
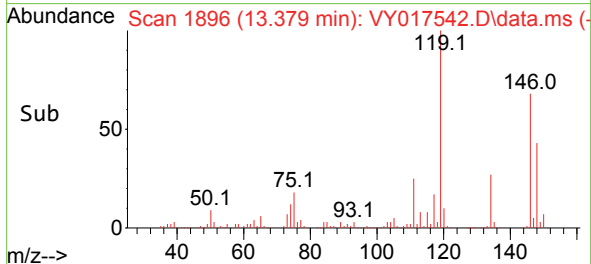
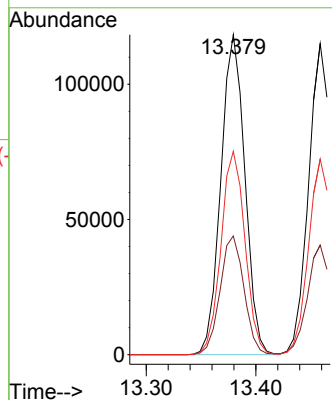
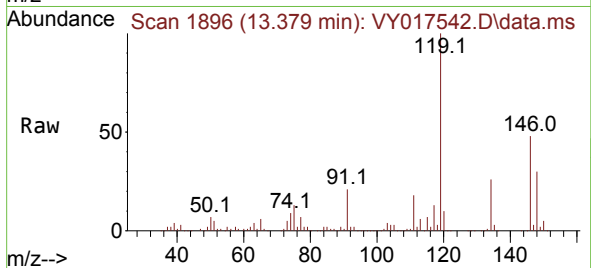
Tgt Ion:146 Resp: 180260

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.608 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

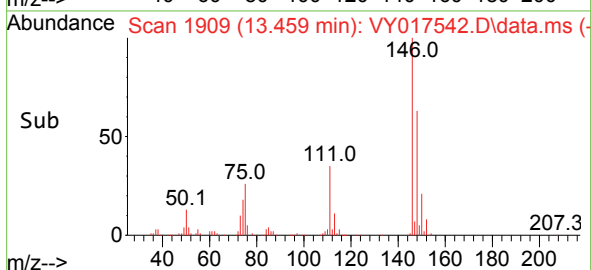
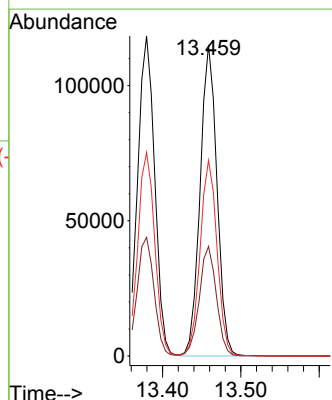
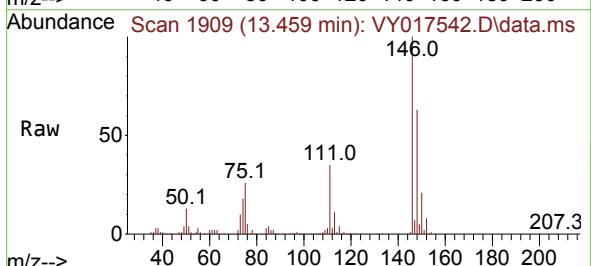
Tgt Ion:146 Resp: 171984

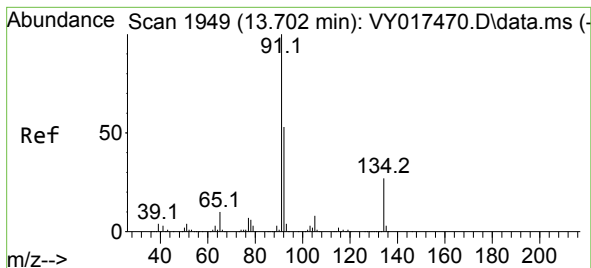
Ion Ratio Lower Upper

146 100

111 35.8 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 59.475 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

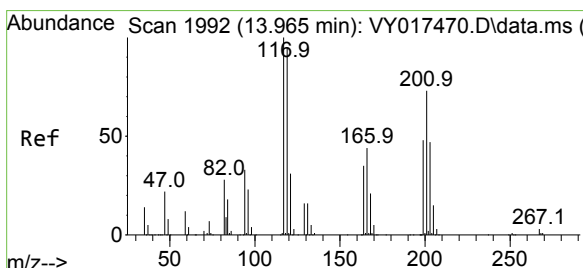
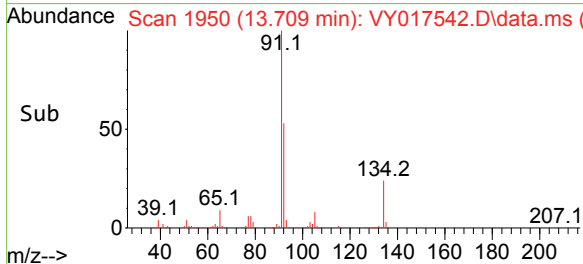
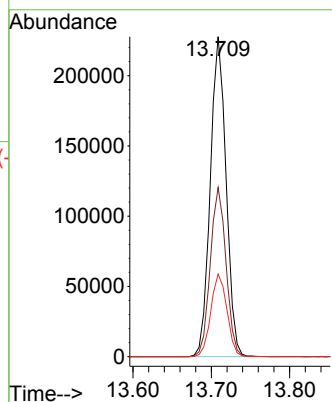
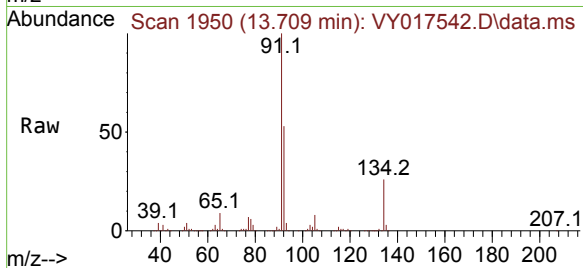
Tgt Ion: 91 Resp: 318412

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 57.398 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017542.D

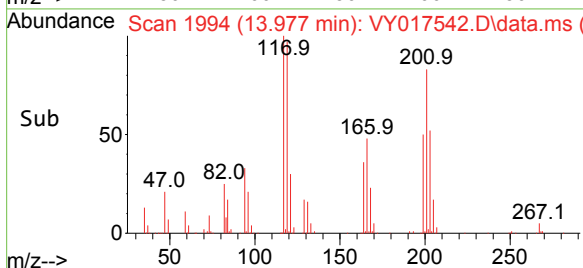
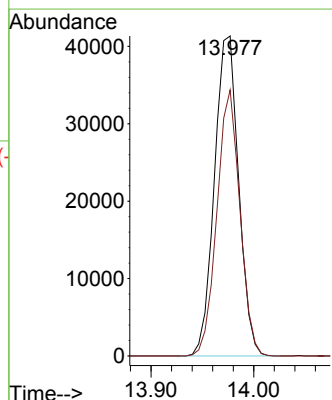
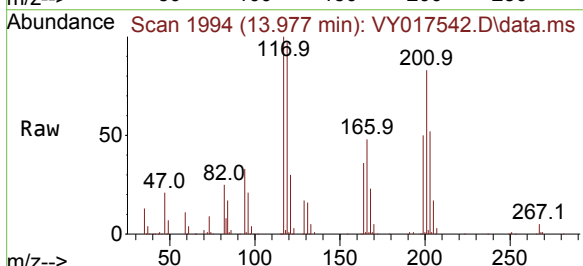
Acq: 01 Mar 2024 09:30

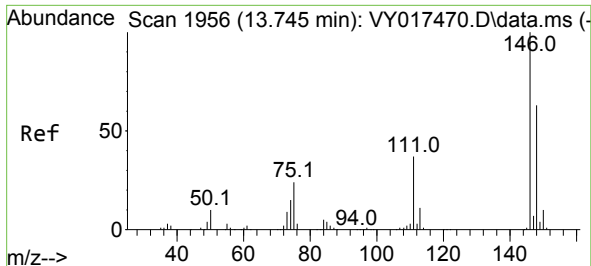
Tgt Ion: 117 Resp: 67523

Ion Ratio Lower Upper

117 100

201 78.9 37.4 112.2

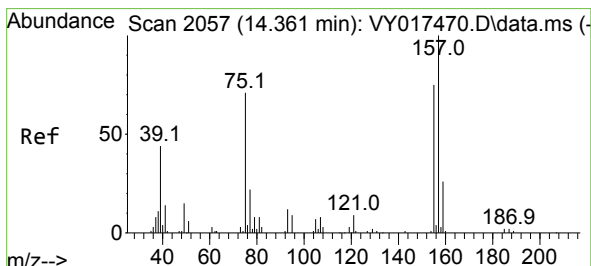
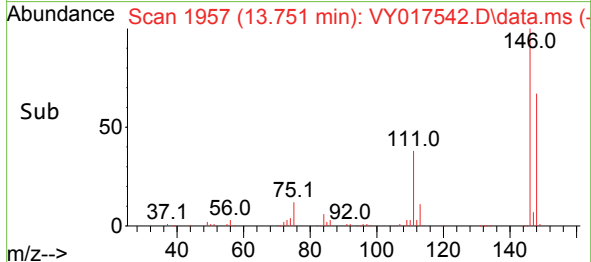
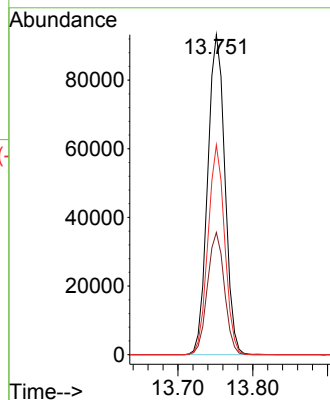
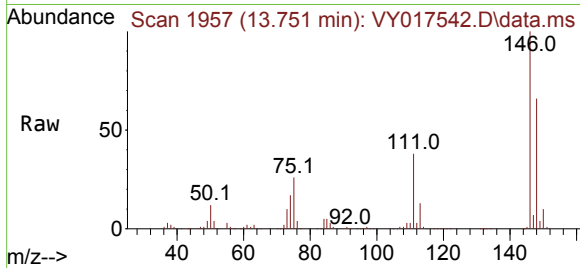




#91
1,2-Dichlorobenzene
Concen: 54.552 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

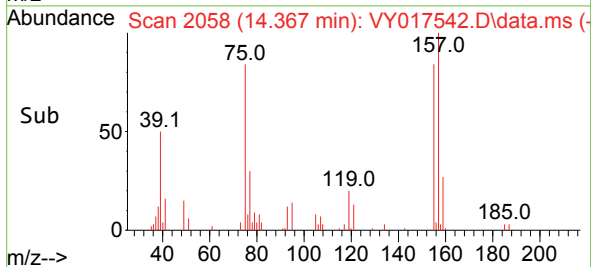
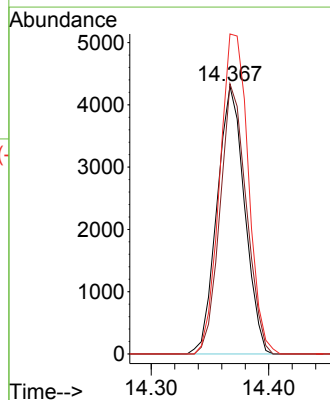
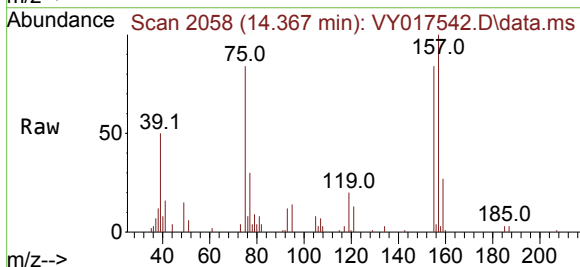
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

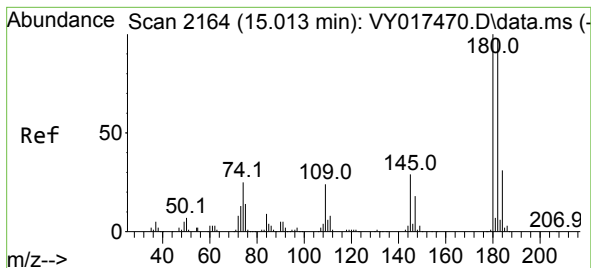
Tgt Ion:146 Resp: 149477
Ion Ratio Lower Upper
146 100
111 37.7 19.9 59.7
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.478 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017542.D
Acq: 01 Mar 2024 09:30

Tgt Ion: 75 Resp: 6995
Ion Ratio Lower Upper
75 100
155 96.0 48.6 145.8
157 123.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.500 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

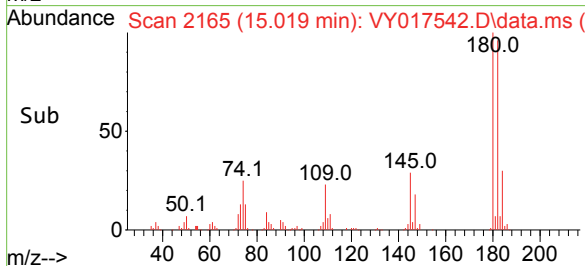
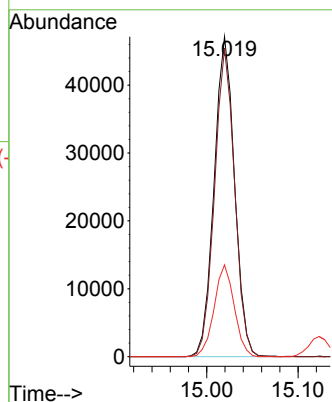
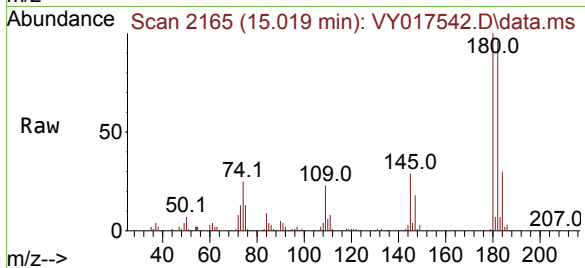
Tgt Ion:180 Resp: 73091

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.549 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

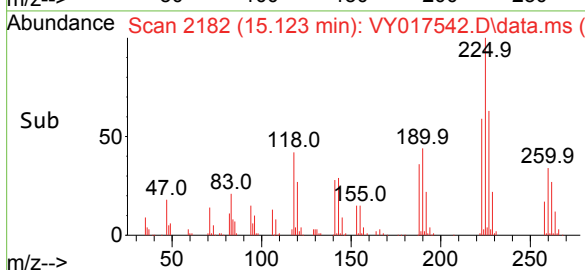
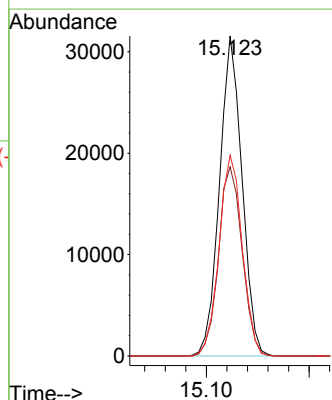
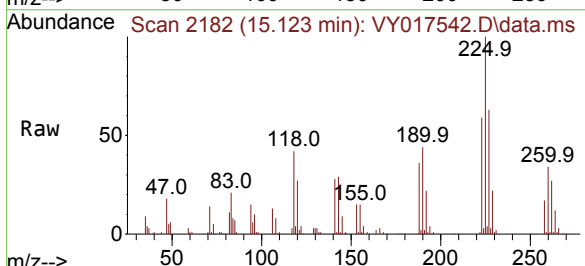
Tgt Ion:225 Resp: 47851

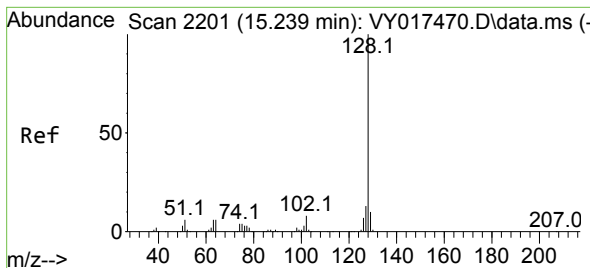
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 40.511 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

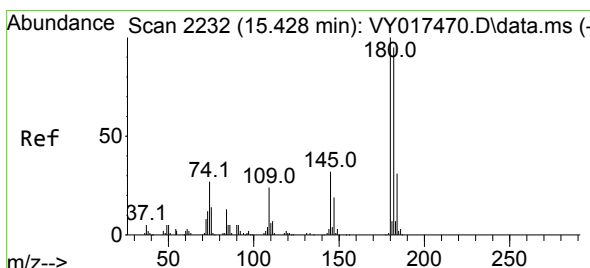
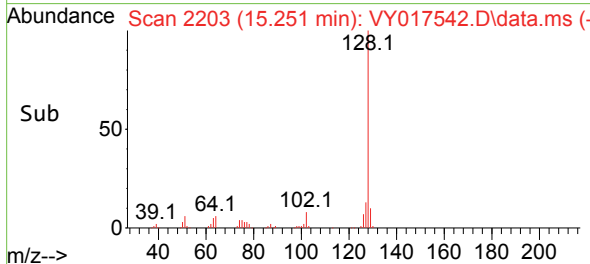
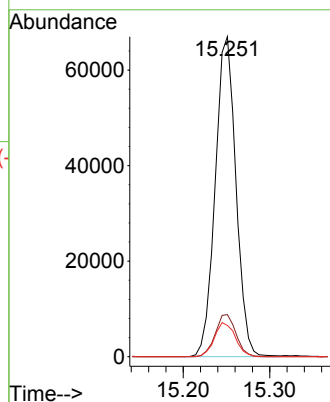
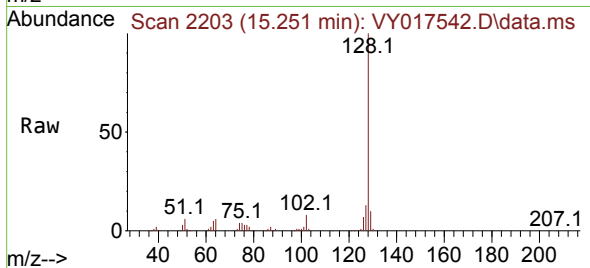
Tgt Ion:128 Resp: 111350

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.674 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017542.D

Acq: 01 Mar 2024 09:30

Tgt Ion:180 Resp: 59194

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 29.5 15.4 46.1

