

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017476.D
 Acq On : 26 Feb 2024 09:54
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 27 01:50:04 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	7.807	168	160614	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	248507	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	214490	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	100568	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62344	40.957	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.920%
35) Dibromofluoromethane	7.734	113	71381	41.221	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.440%
50) Toluene-d8	10.197	98	273027	45.094	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.180%
62) 4-Bromofluorobenzene	12.495	95	82875	43.554	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48885	41.261	ug/l	97
3) Chloromethane	2.125	50	89316	41.259	ug/l	98
4) Vinyl Chloride	2.259	62	122175	43.993	ug/l	99
5) Bromomethane	2.662	94	94143	41.598	ug/l	97
6) Chloroethane	2.808	64	80154	45.751	ug/l	99
7) Trichlorofluoromethane	3.137	101	117155	41.391	ug/l	93
8) Diethyl Ether	3.546	74	35004	42.165	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	72862	44.754	ug/l	99
10) Methyl Iodide	4.107	142	86343	47.256	ug/l	100
11) Tert butyl alcohol	4.978	59	22157	171.361	ug/l #	84
12) 1,1-Dichloroethene	3.887	96	67241	44.317	ug/l	97
13) Acrolein	3.741	56	43122	252.755	ug/l	99
14) Allyl chloride	4.497	41	82649	45.082	ug/l	99
15) Acrylonitrile	5.180	53	73072	214.121	ug/l	99
16) Acetone	3.960	43	77268	261.710	ug/l	96
17) Carbon Disulfide	4.216	76	200833	44.099	ug/l	98
18) Methyl Acetate	4.491	43	31538	44.030	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	159922	45.221	ug/l	98
20) Methylene Chloride	4.741	84	78000	44.347	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	79119	44.537	ug/l	99
22) Diisopropyl ether	6.137	45	196167	46.370	ug/l	94
23) Vinyl Acetate	6.082	43	581627	230.721	ug/l	97
24) 1,1-Dichloroethane	6.039	63	128054	44.306	ug/l	99
25) 2-Butanone	7.002	43	98307	233.642	ug/l	97
26) 2,2-Dichloropropane	7.002	77	114111	46.960	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	89260	44.750	ug/l	100
28) Bromochloromethane	7.356	49	55524	48.780	ug/l	100
29) Tetrahydrofuran	7.368	42	56314	222.026	ug/l	100
30) Chloroform	7.527	83	136306	44.297	ug/l	97
31) Cyclohexane	7.807	56	112178	45.284	ug/l	97
32) 1,1,1-Trichloroethane	7.722	97	121569	45.506	ug/l	99
36) 1,1-Dichloropropene	7.935	75	107753	46.119	ug/l	99
37) Ethyl Acetate	7.088	43	40629	44.028	ug/l	98
38) Carbon Tetrachloride	7.917	117	107622	45.961	ug/l	99
39) Methylcyclohexane	9.203	83	137833	49.088	ug/l	98
40) Benzene	8.179	78	314519	45.330	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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Quant Time: Feb 27 01:50:04 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	52860	114.151	ug/l #	15
42) 1,2-Dichloroethane	8.252	62	74967	44.283	ug/l	99
43) Isopropyl Acetate	8.289	43	72772	44.877	ug/l	100
44) Trichloroethene	8.959	130	86322	43.163	ug/l	99
45) 1,2-Dichloropropane	9.234	63	73852	44.738	ug/l	98
46) Dibromomethane	9.325	93	41569	44.000	ug/l	99
47) Bromodichloromethane	9.514	83	103160	44.971	ug/l	99
48) Methyl methacrylate	9.307	41	34264	45.649	ug/l	99
49) 1,4-Dioxane	9.313	88	8706	814.269	ug/l #	99
51) 4-Methyl-2-Pentanone	10.087	43	202695	224.280	ug/l	100
52) Toluene	10.258	92	199729	45.662	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	96999	45.558	ug/l	95
54) cis-1,3-Dichloropropene	9.947	75	118371	45.754	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	57754	43.056	ug/l	98
56) Ethyl methacrylate	10.526	69	68172	41.753	ug/l	99
57) 1,3-Dichloropropane	10.807	76	95155	43.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	130921	169.142	ug/l	99
59) 2-Hexanone	10.849	43	148928	239.907	ug/l	100
60) Dibromochloromethane	11.002	129	70412	44.373	ug/l	98
61) 1,2-Dibromoethane	11.105	107	54030	43.709	ug/l	100
64) Tetrachloroethene	10.734	164	82695	40.168	ug/l	99
65) Chlorobenzene	11.532	112	206985	45.464	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	77240	45.286	ug/l	99
67) Ethyl Benzene	11.611	91	380934	47.710	ug/l	97
68) m/p-Xylenes	11.715	106	300745	95.859	ug/l	99
69) o-Xylene	12.044	106	137642	47.289	ug/l	99
70) Styrene	12.063	104	227914	47.174	ug/l	99
71) Bromoform	12.221	173	41286	43.682	ug/l #	99
73) Isopropylbenzene	12.343	105	370707	49.616	ug/l	100
74) N-amyl acetate	12.160	43	63144	47.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	61750	48.128	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	77914	81.539	ug/l #	100
77) Bromobenzene	12.623	156	82546	45.621	ug/l	98
78) n-propylbenzene	12.684	91	453145	50.545	ug/l	100
79) 2-Chlorotoluene	12.770	91	239230	47.662	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	293639	49.055	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	19515	46.927	ug/l	96
82) 4-Chlorotoluene	12.867	91	245048	47.732	ug/l	99
83) tert-Butylbenzene	13.093	119	266271	50.657	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	289699	49.022	ug/l	100
85) sec-Butylbenzene	13.270	105	404948	50.389	ug/l	100
86) p-Isopropyltoluene	13.385	119	337161	51.251	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	167390	46.090	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	162013	45.885	ug/l	99
89) n-Butylbenzene	13.709	91	312277	52.028	ug/l	100
90) Hexachloroethane	13.977	117	61545	46.664	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	139522	45.417	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8062	44.697	ug/l	96
93) 1,2,4-Trichlorobenzene	15.025	180	74697	46.034	ug/l	99
94) Hexachlorobutadiene	15.129	225	47591	47.504	ug/l	99
95) Naphthalene	15.251	128	127439	41.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	62388	44.818	ug/l	99

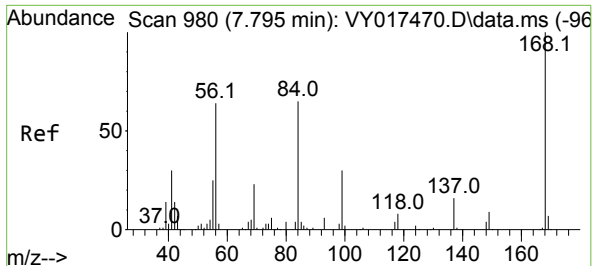
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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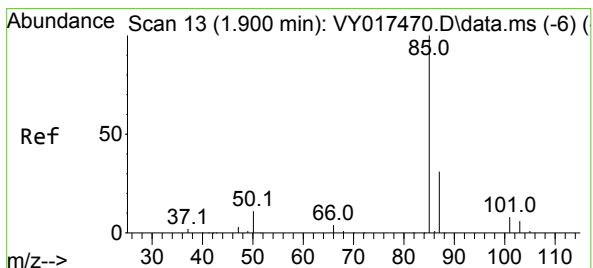
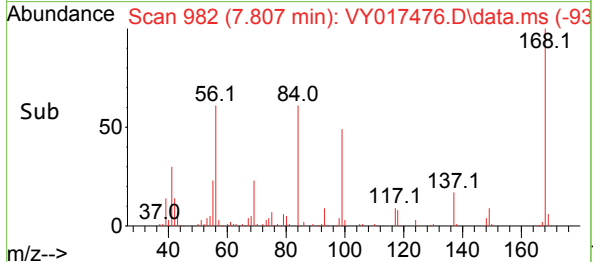
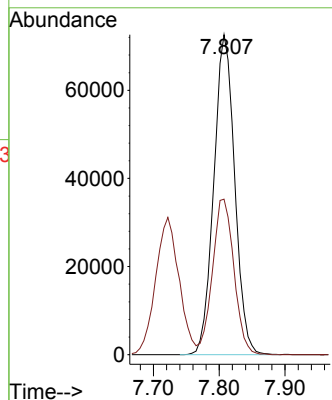
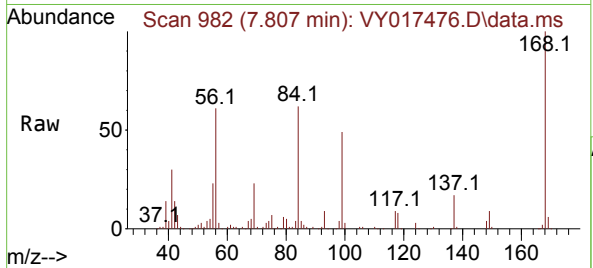
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

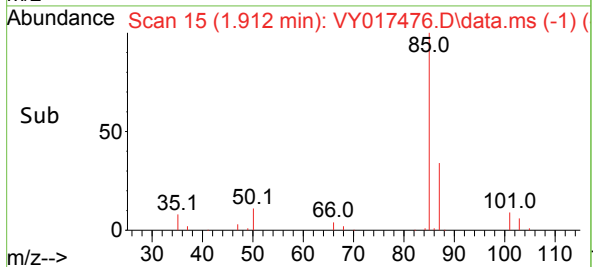
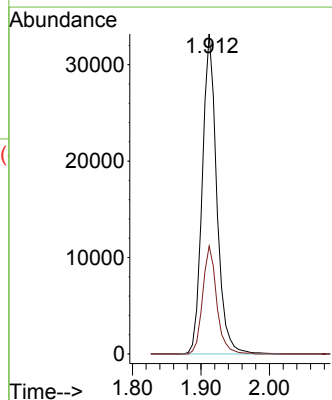
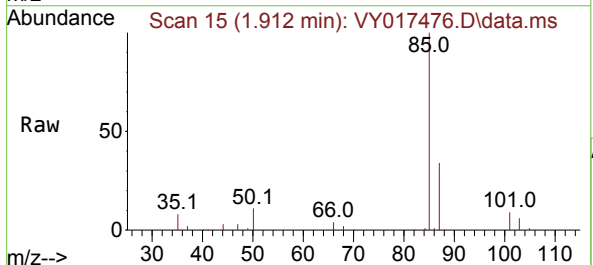
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

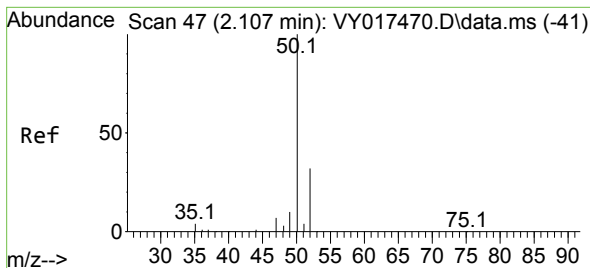
Tgt Ion:168 Resp: 160614
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 41.261 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 85 Resp: 48885
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3

Chloromethane

Concen: 41.259 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

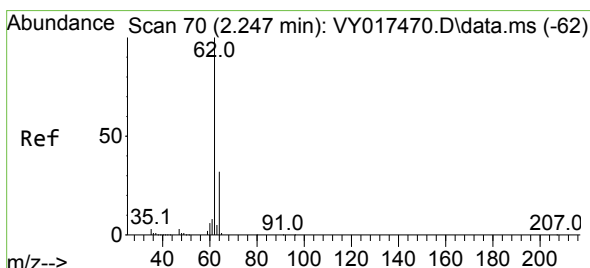
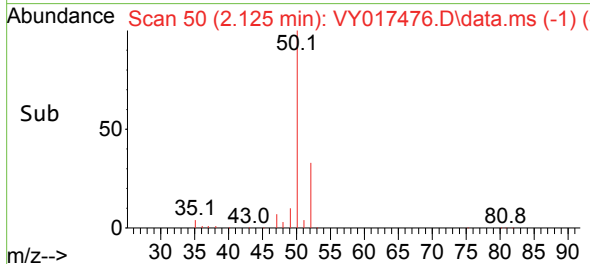
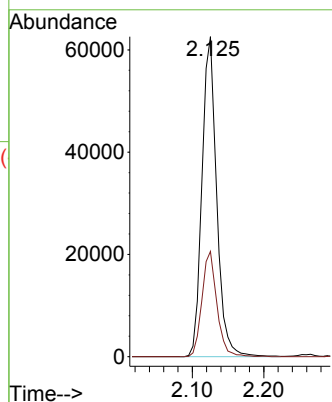
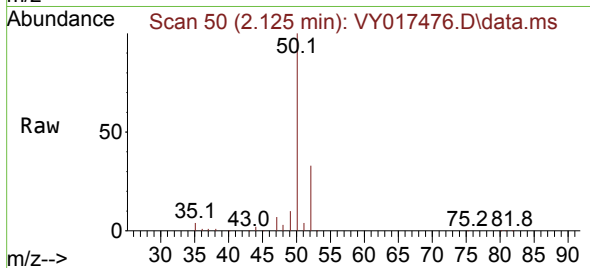
VSTDCCC050

Tgt Ion: 50 Resp: 89316

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4



#4

Vinyl Chloride

Concen: 43.993 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017476.D

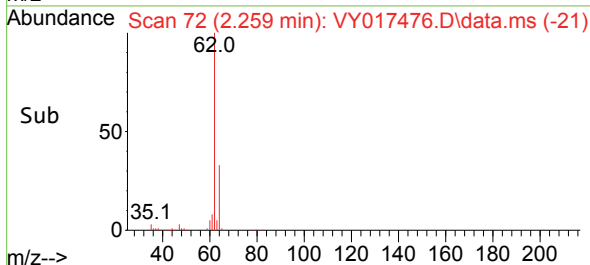
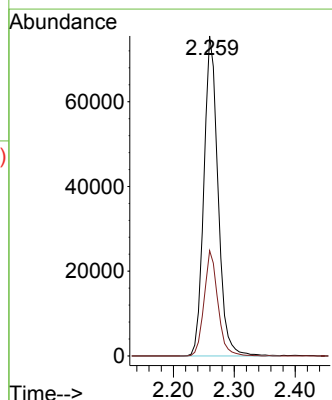
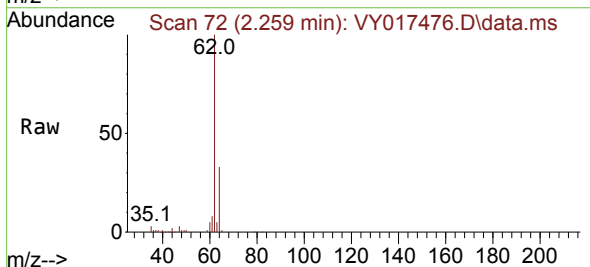
Acq: 26 Feb 2024 09:54

Tgt Ion: 62 Resp: 122175

Ion Ratio Lower Upper

62 100

64 32.9 26.1 39.1

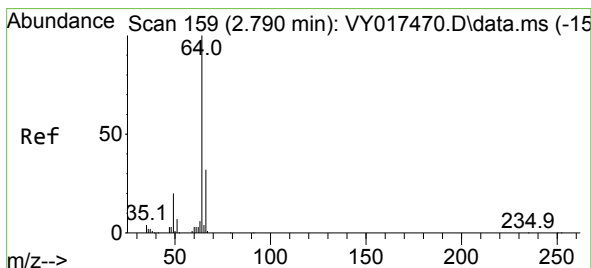
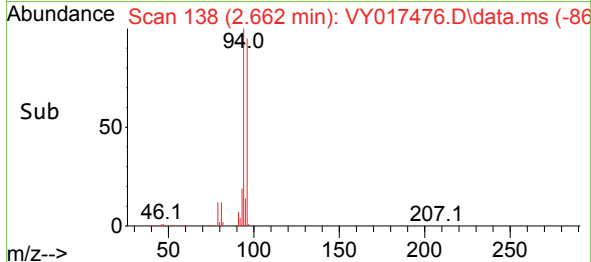
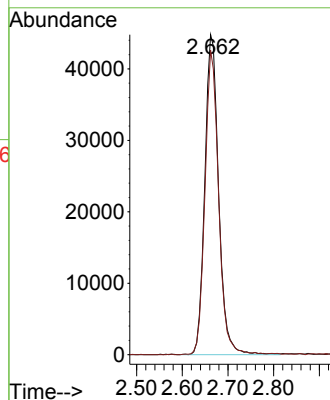
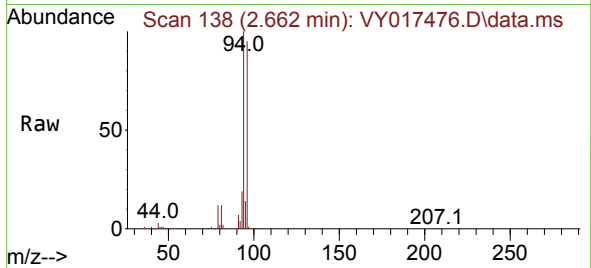




#5
Bromomethane
Concen: 41.598 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

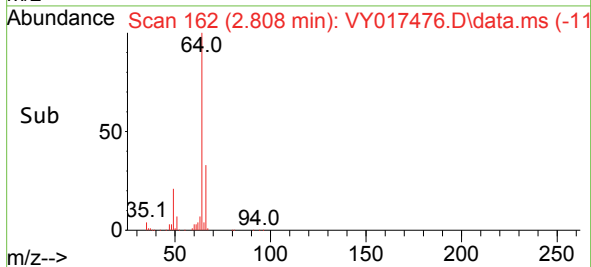
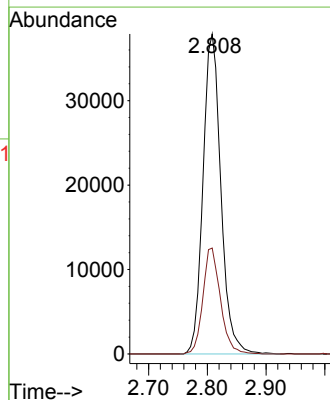
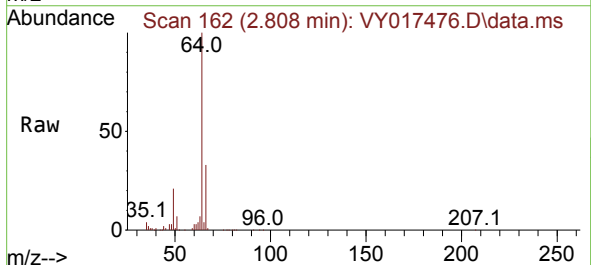
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

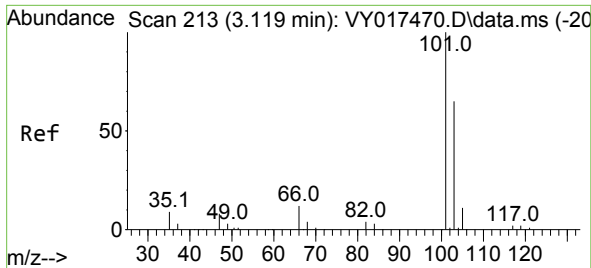
Tgt Ion: 94 Resp: 94143
Ion Ratio Lower Upper
94 100
96 95.1 74.1 111.1



#6
Chloroethane
Concen: 45.751 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 64 Resp: 80154
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

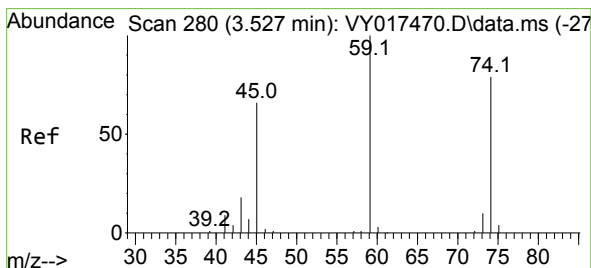
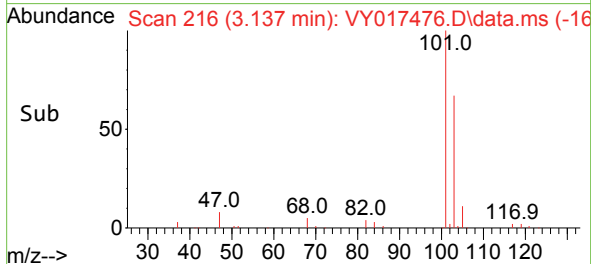
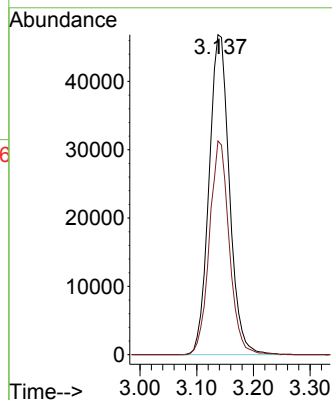
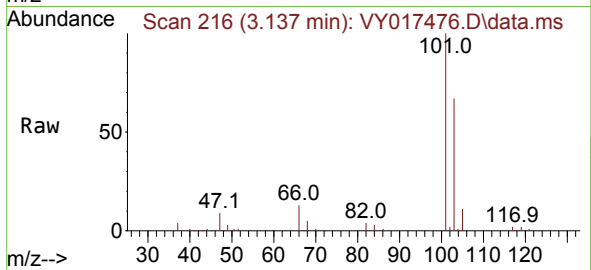




#7
 Trichlorofluoromethane
 Concen: 41.391 ug/l
 RT: 3.137 min Scan# 213
 Delta R.T. 0.018 min
 Lab File: VY017476.D
 Acq: 26 Feb 2024 09:54

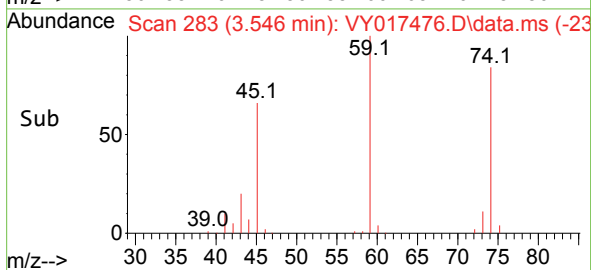
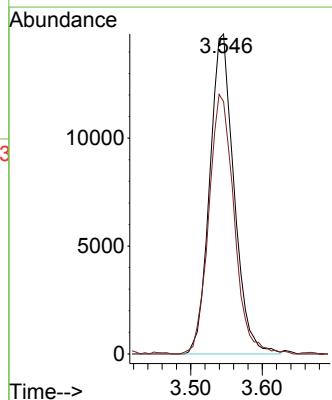
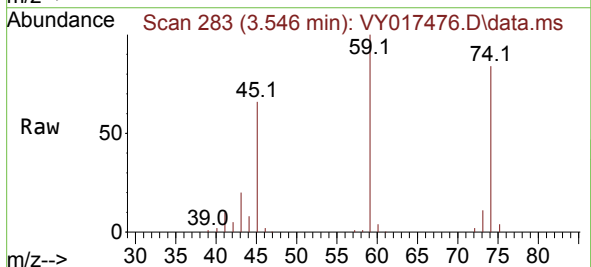
Instrument :
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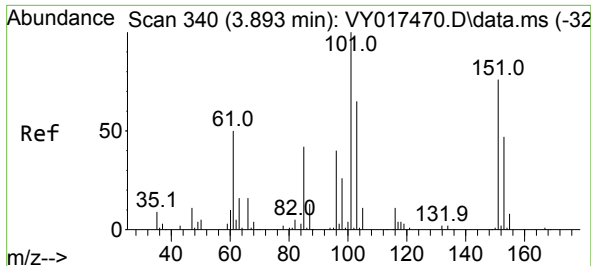
Tgt Ion:101 Resp: 117155
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 42.165 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.018 min
 Lab File: VY017476.D
 Acq: 26 Feb 2024 09:54

Tgt Ion: 74 Resp: 35004
 Ion Ratio Lower Upper
 74 100
 45 84.6 41.3 124.1

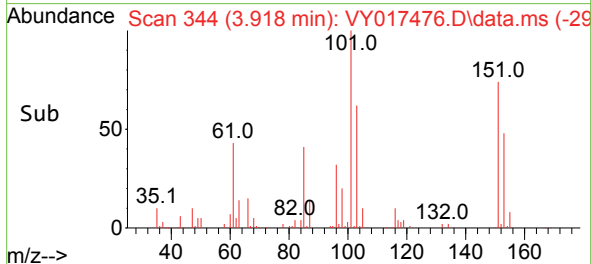
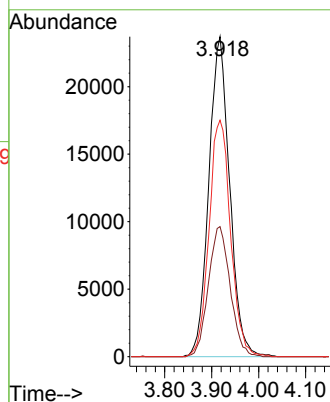
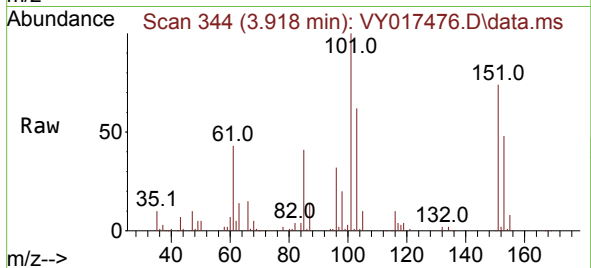




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.754 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

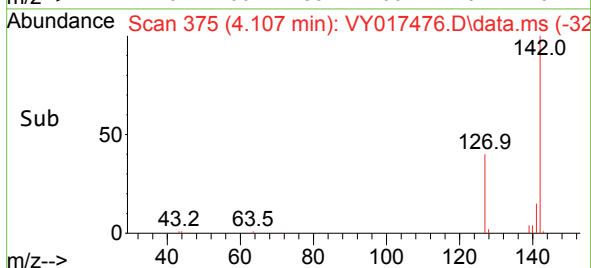
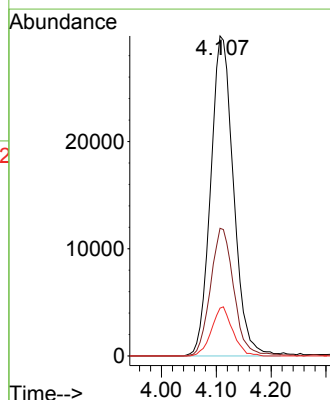
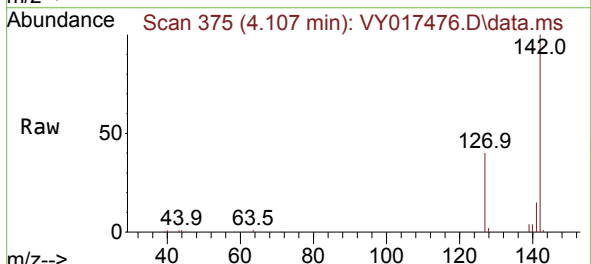
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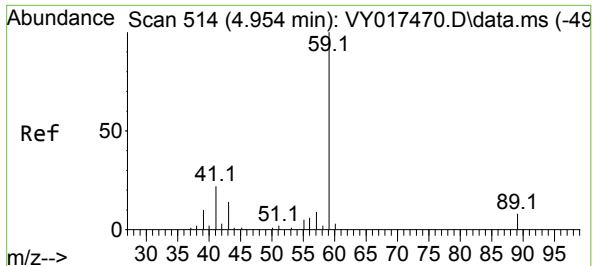
Tgt Ion:101 Resp: 72862
Ion Ratio Lower Upper
101 100
85 42.6 34.5 51.7
151 76.6 61.7 92.5



#10
Methyl Iodide
Concen: 47.256 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion:142 Resp: 86343
Ion Ratio Lower Upper
142 100
127 40.9 32.8 49.2
141 14.2 11.4 17.2

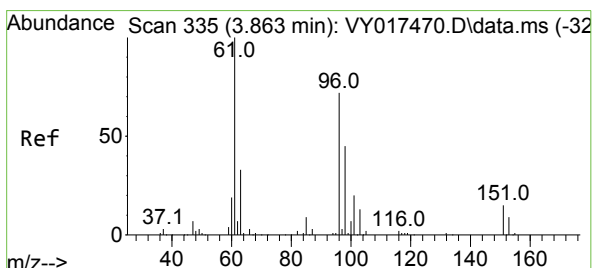
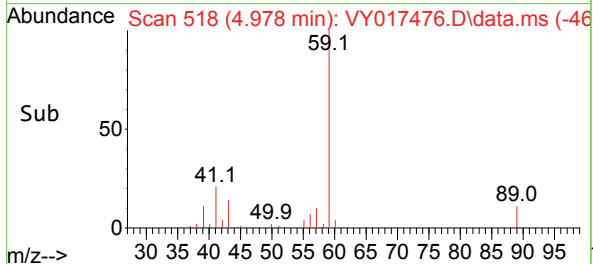
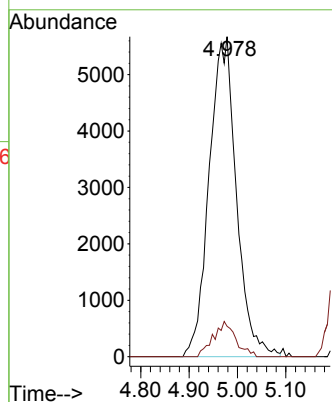
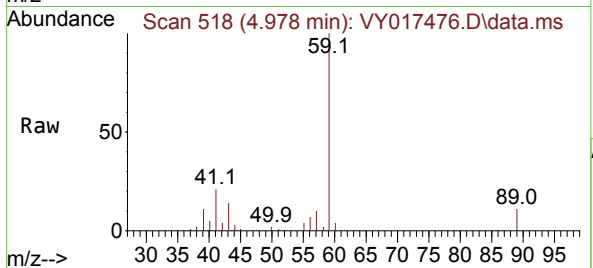




#11
Tert butyl alcohol
Concen: 171.361 ug/l
RT: 4.978 min Scan# 514
Delta R.T. 0.024 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

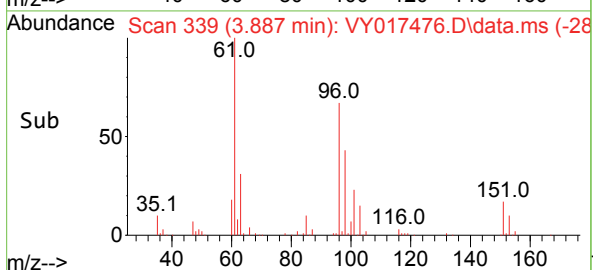
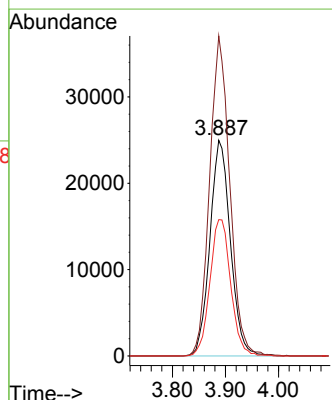
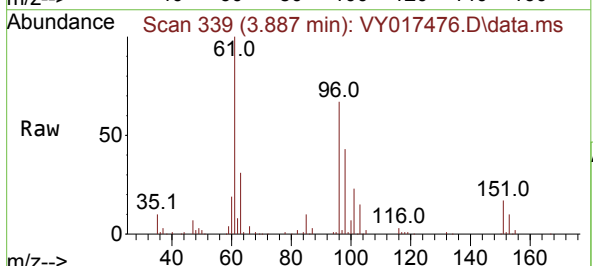
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

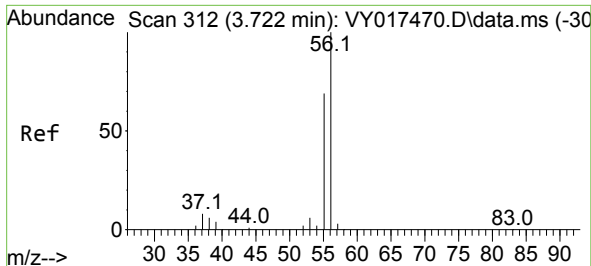
Tgt Ion: 59 Resp: 22157
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 44.317 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.025 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 96 Resp: 67241
Ion Ratio Lower Upper
96 100
61 148.4 114.6 171.8
98 63.2 50.8 76.2

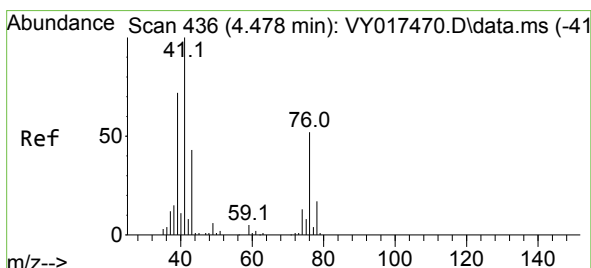
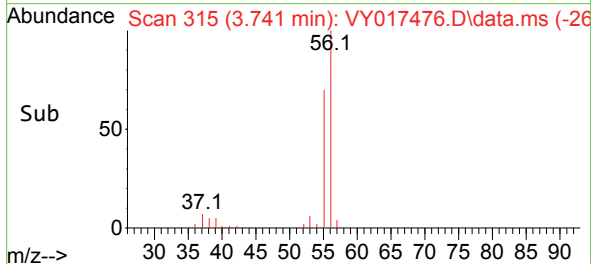
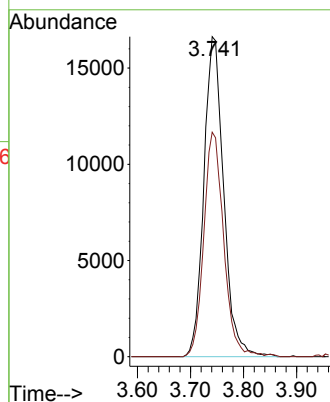
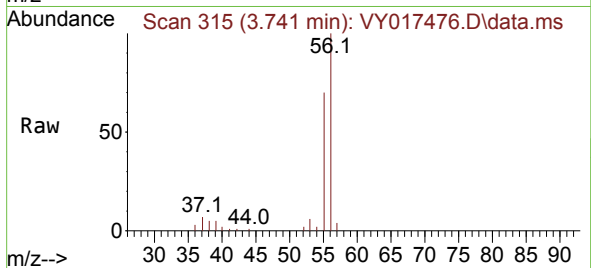




#13
Acrolein
Concen: 252.755 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

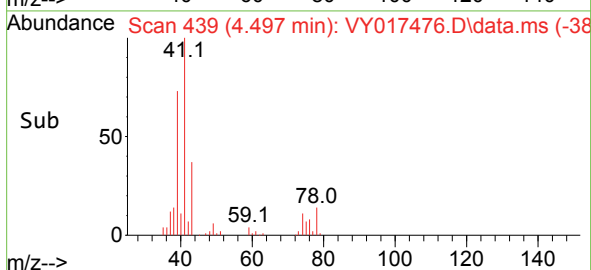
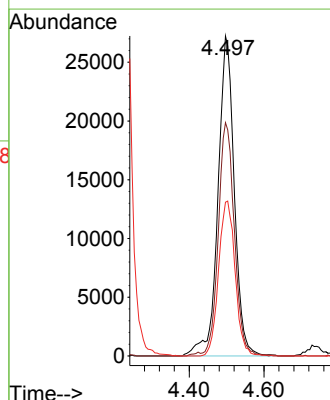
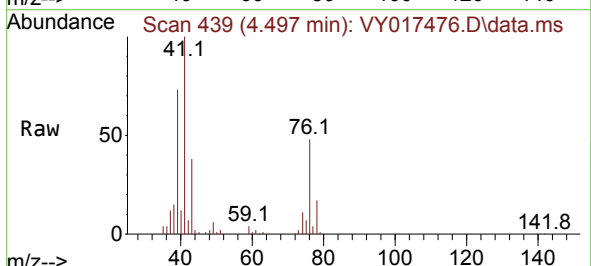
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

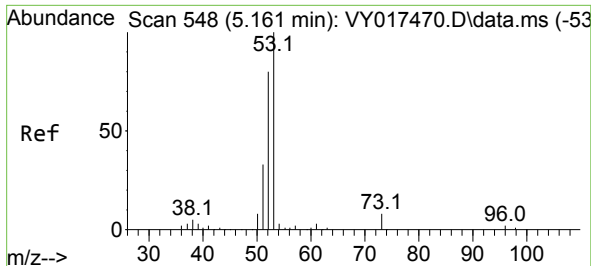
Tgt Ion: 56 Resp: 43122
Ion Ratio Lower Upper
56 100
55 70.3 55.7 83.5



#14
Allyl chloride
Concen: 45.082 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 41 Resp: 82649
Ion Ratio Lower Upper
41 100
39 71.5 58.3 87.5
76 48.9 39.0 58.6

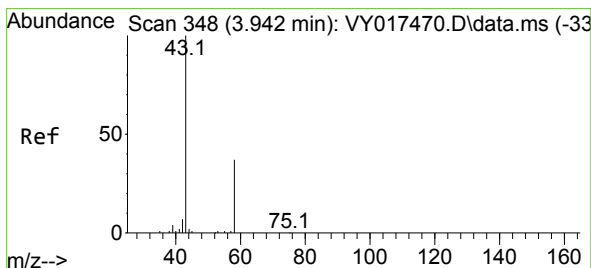
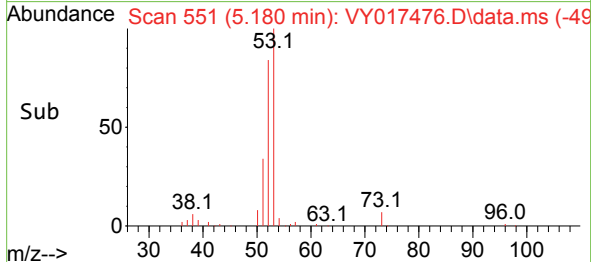
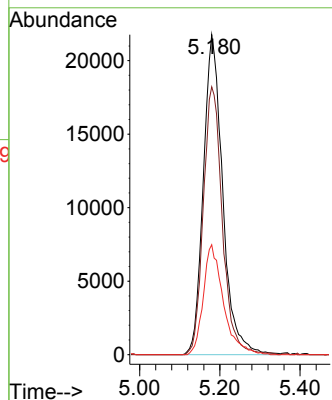
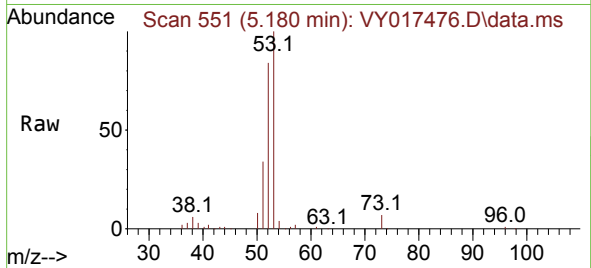




#15
Acrylonitrile
Concen: 214.121 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

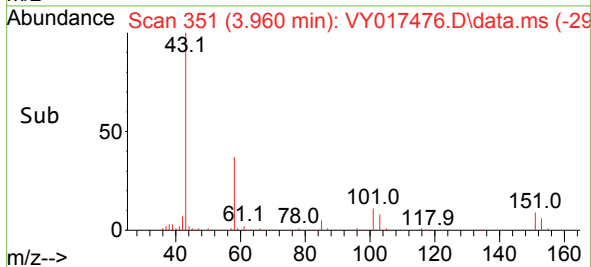
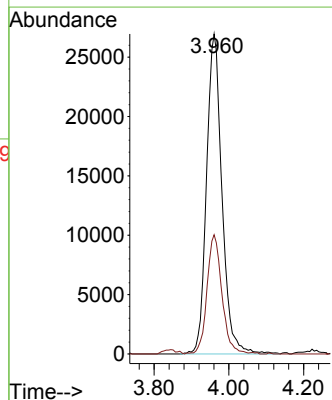
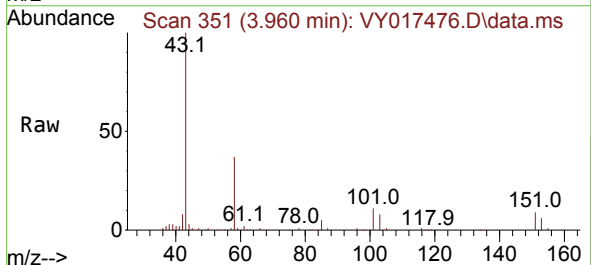
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

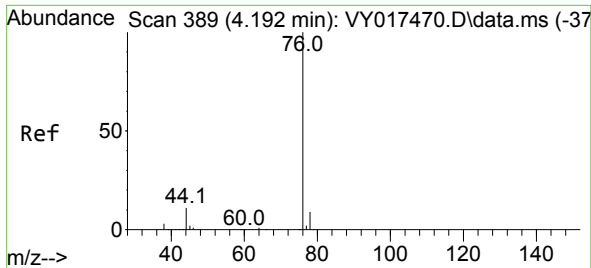
Tgt Ion: 53 Resp: 73072
Ion Ratio Lower Upper
53 100
52 82.2 64.7 97.1
51 35.7 28.4 42.6



#16
Acetone
Concen: 261.710 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 43 Resp: 77268
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5

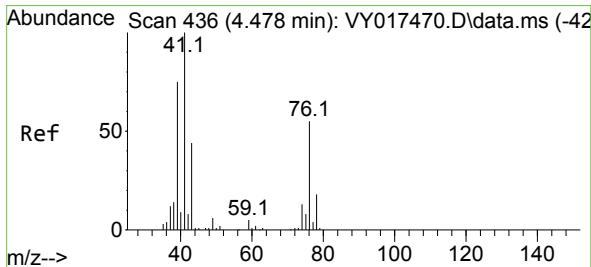
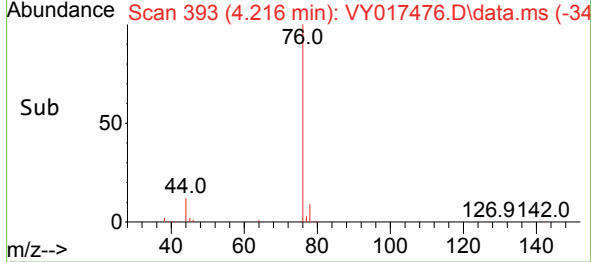
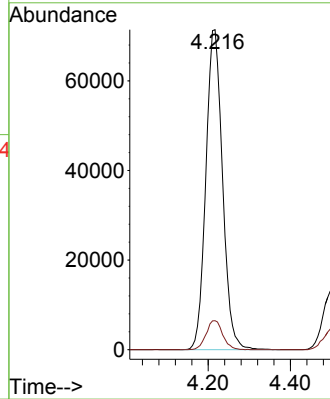
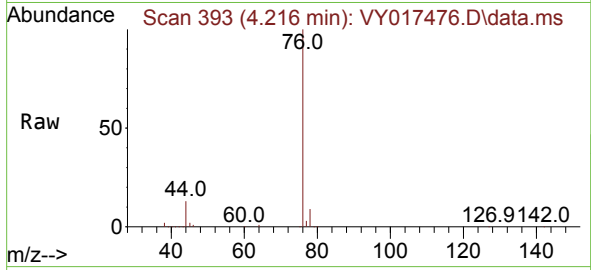




#17
Carbon Disulfide
Concen: 44.099 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.025 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

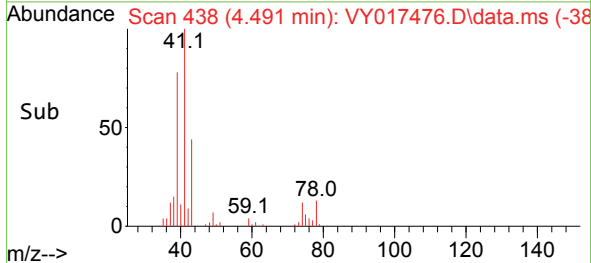
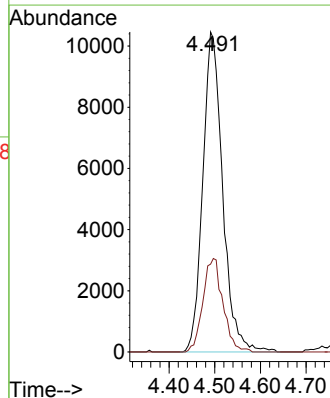
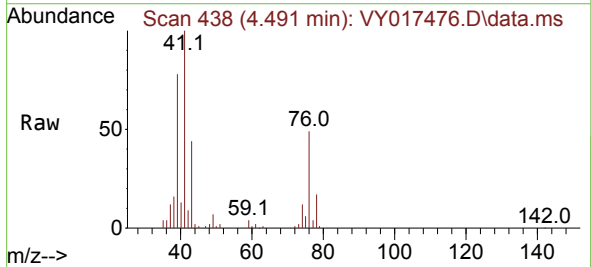
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 200833
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 44.030 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 43 Resp: 31538
Ion Ratio Lower Upper
43 100
74 29.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 45.221 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

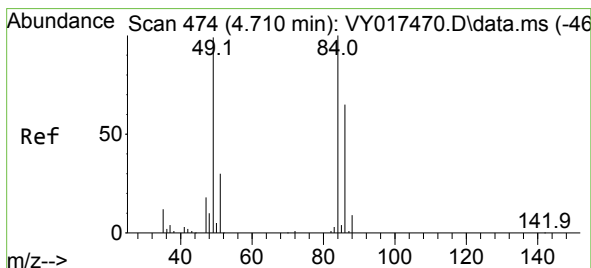
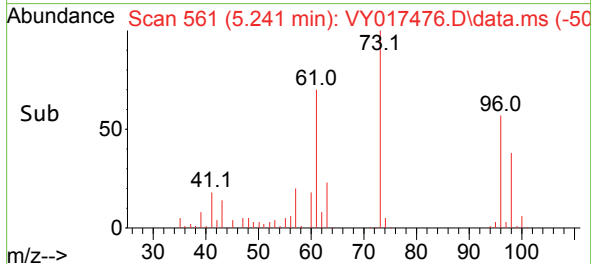
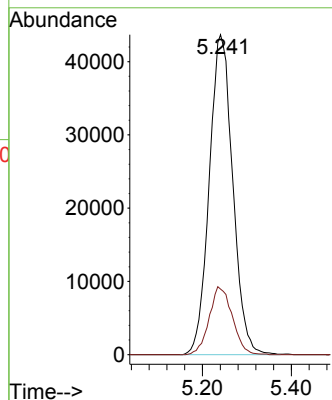
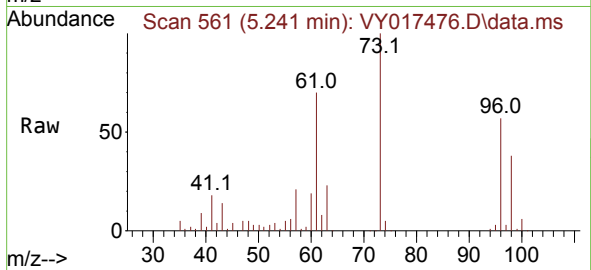
VSTDCCC050

Tgt Ion: 73 Resp: 159922

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 44.347 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.031 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Tgt Ion: 84 Resp: 78000

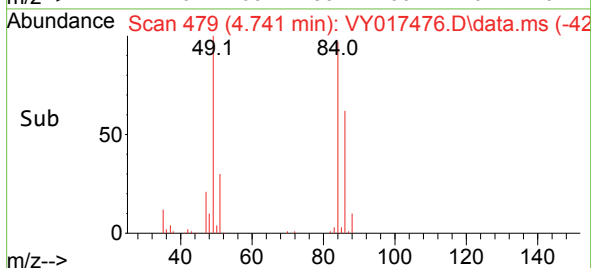
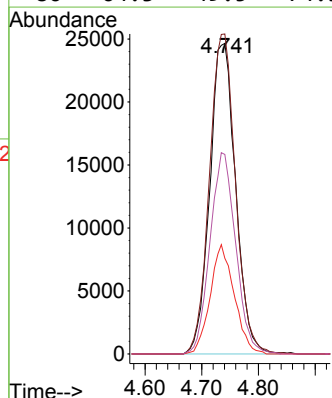
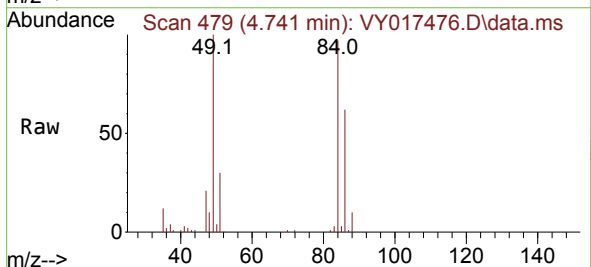
Ion Ratio Lower Upper

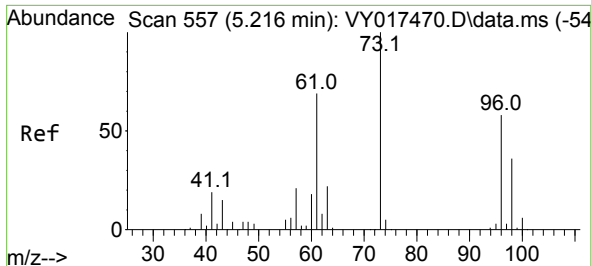
84 100

49 103.1 84.4 126.6

51 30.8 26.0 39.0

86 64.3 49.5 74.3

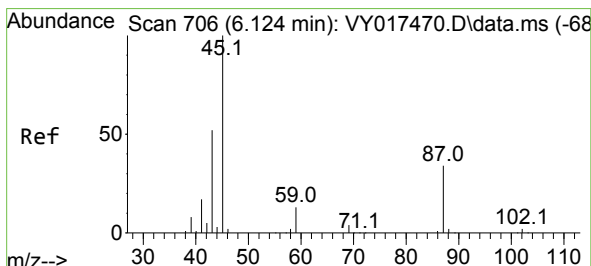
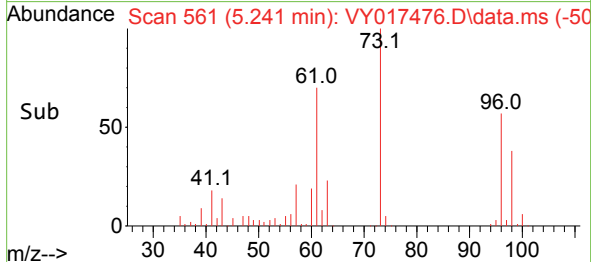
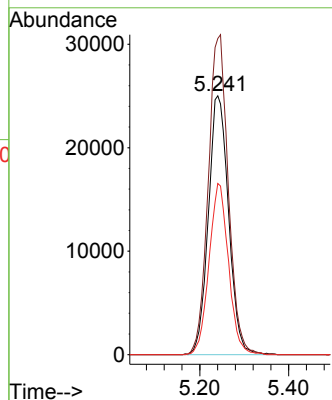
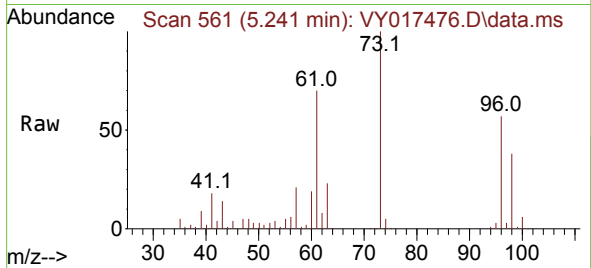




#21
trans-1,2-Dichloroethene
Concen: 44.537 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

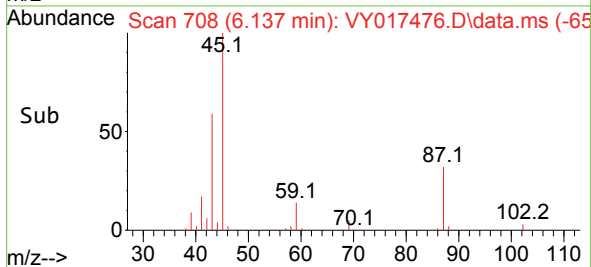
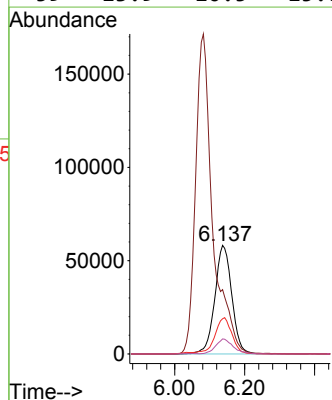
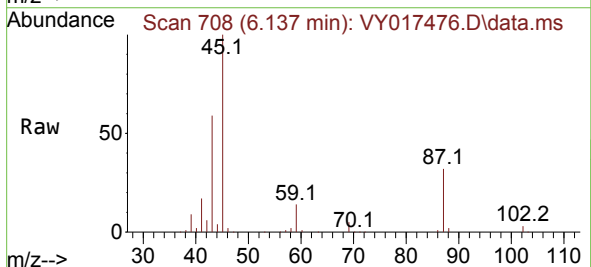
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

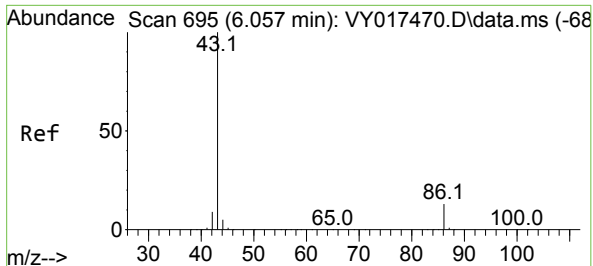
Tgt Ion: 96 Resp: 79119
Ion Ratio Lower Upper
96 100
61 122.1 97.5 146.3
98 66.2 50.5 75.7



#22
Diisopropyl ether
Concen: 46.370 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 45 Resp: 196167
Ion Ratio Lower Upper
45 100
43 58.7 42.2 63.2
87 32.5 25.0 37.6
59 13.9 10.5 15.7

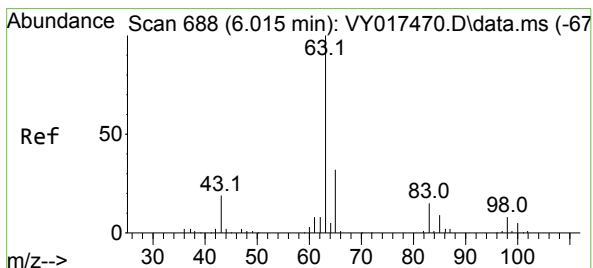
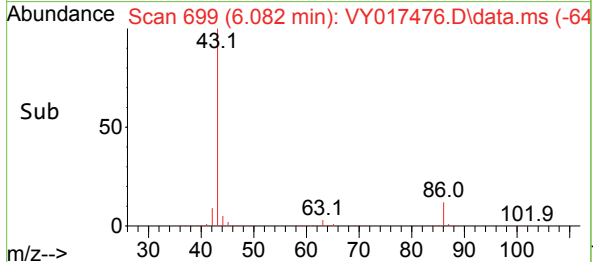
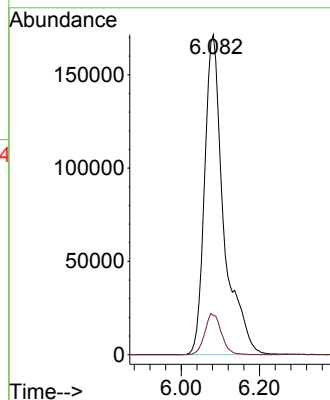
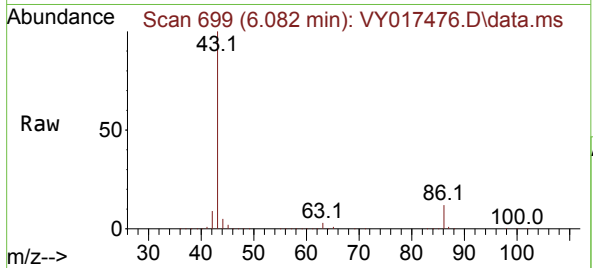




#23
 Vinyl Acetate
 Concen: 230.721 ug/l
 RT: 6.082 min Scan# 61
 Delta R.T. 0.025 min
 Lab File: VY017476.D
 Acq: 26 Feb 2024 09:54

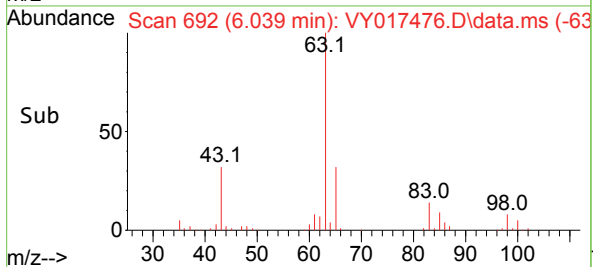
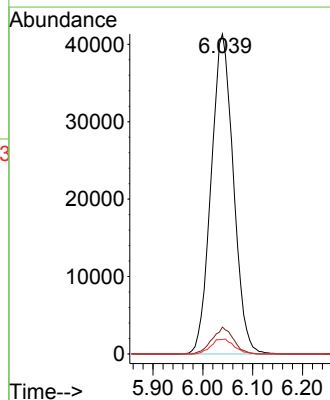
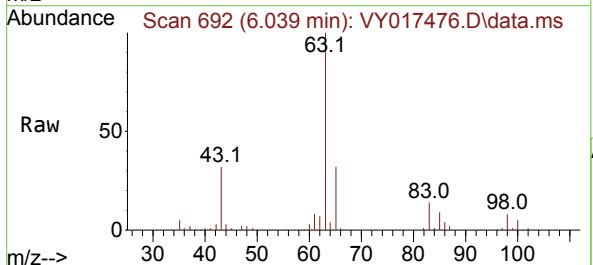
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 581627
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.306 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.025 min
 Lab File: VY017476.D
 Acq: 26 Feb 2024 09:54

Tgt Ion: 63 Resp: 128054
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 233.642 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

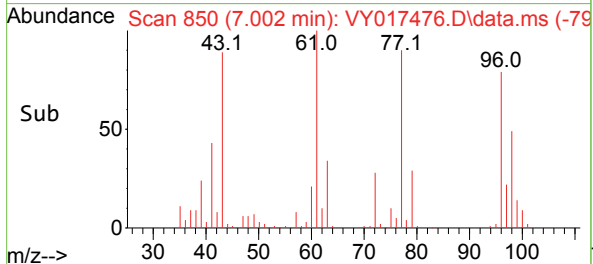
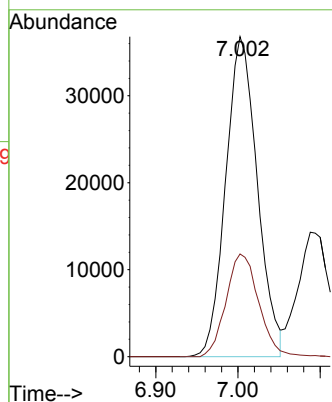
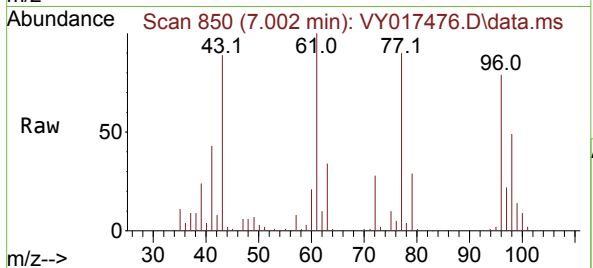
VSTDCCC050

Tgt Ion: 43 Resp: 98307

Ion Ratio Lower Upper

43 100

72 32.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 46.960 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.025 min

Lab File: VY017476.D

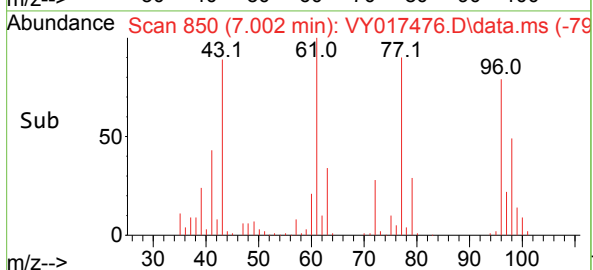
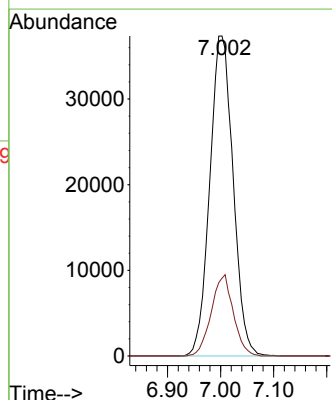
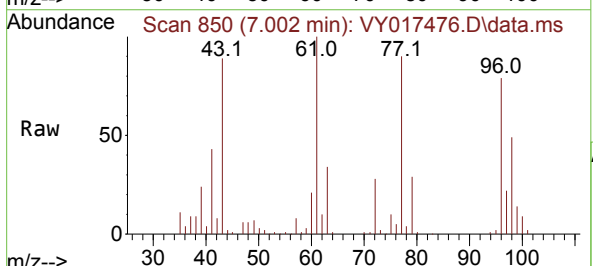
Acq: 26 Feb 2024 09:54

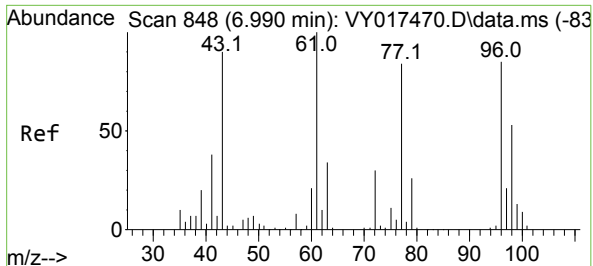
Tgt Ion: 77 Resp: 114111

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 44.750 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

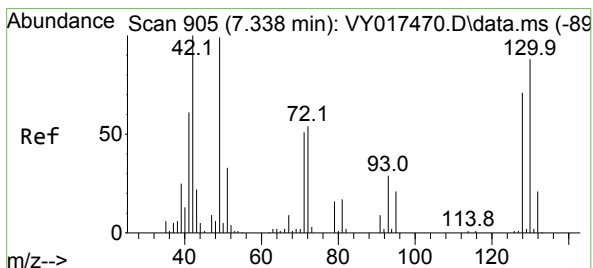
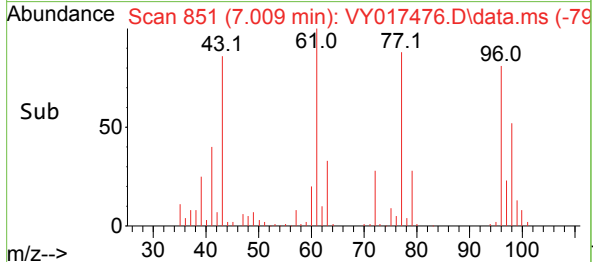
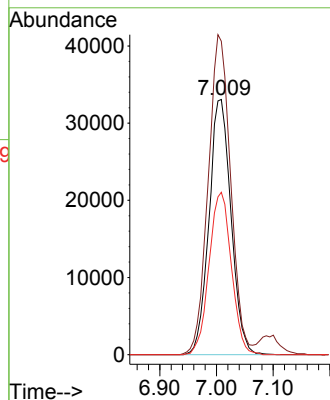
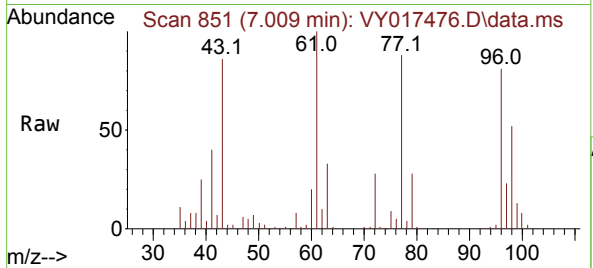
Tgt Ion: 96 Resp: 89260

Ion Ratio Lower Upper

96 100

61 127.8 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 48.780 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

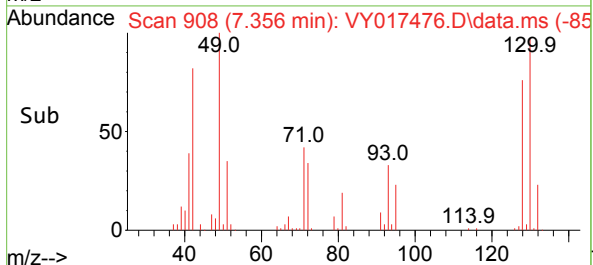
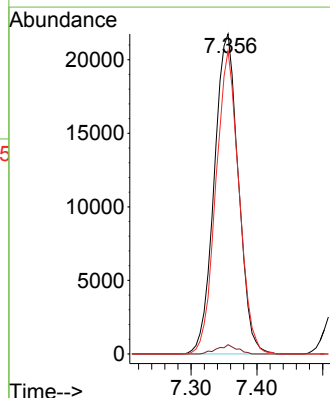
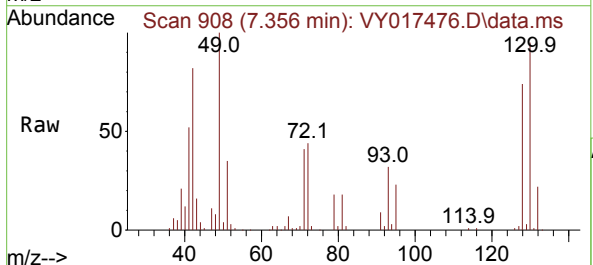
Tgt Ion: 49 Resp: 55524

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 222.026 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

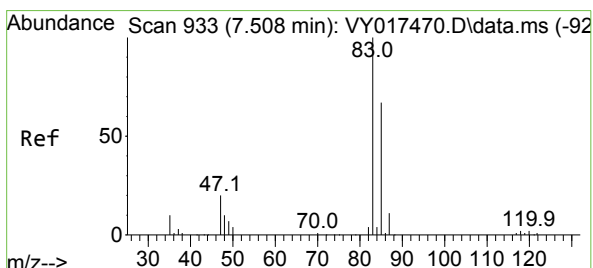
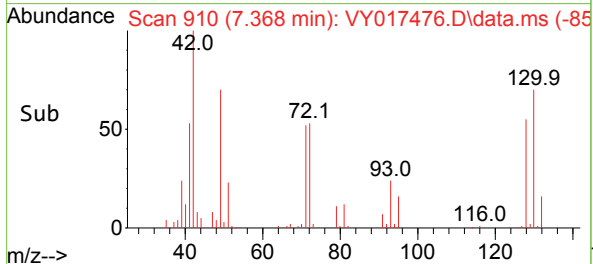
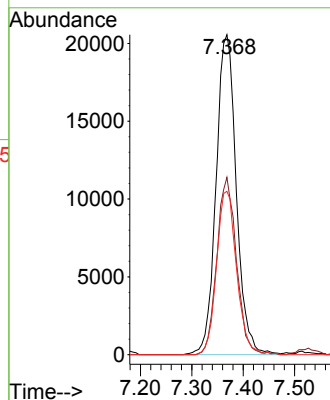
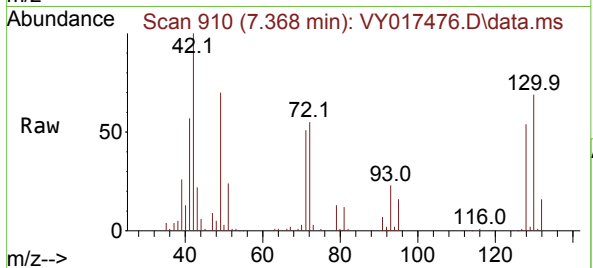
Tgt Ion: 42 Resp: 56314

Ion Ratio Lower Upper

42 100

72 53.7 43.0 64.4

71 50.4 40.8 61.2



#30

Chloroform

Concen: 44.297 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017476.D

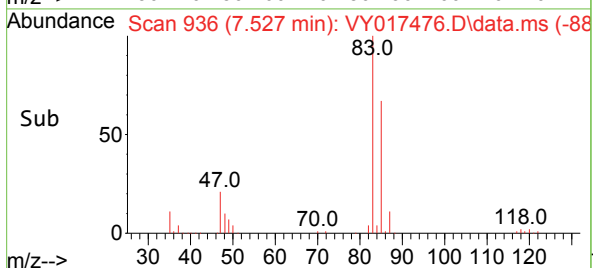
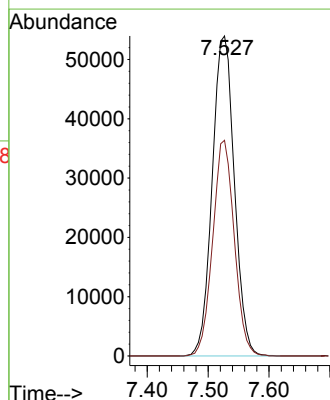
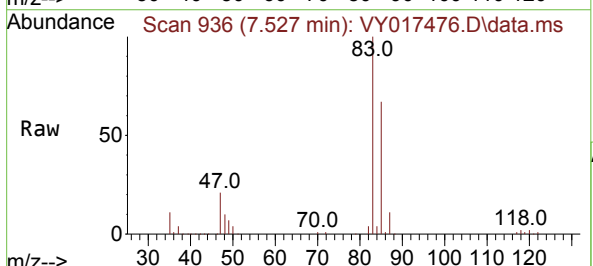
Acq: 26 Feb 2024 09:54

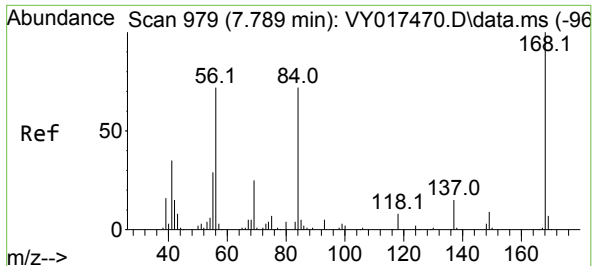
Tgt Ion: 83 Resp: 136306

Ion Ratio Lower Upper

83 100

85 67.4 52.2 78.4

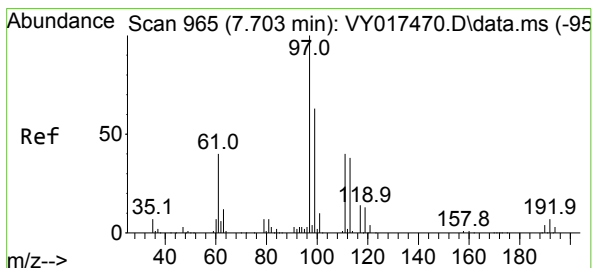
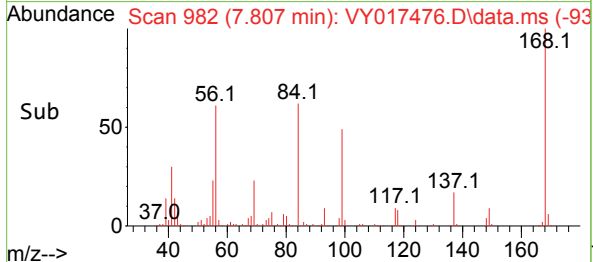
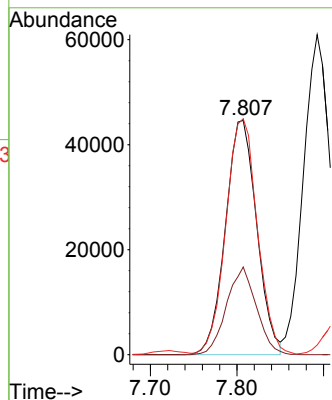
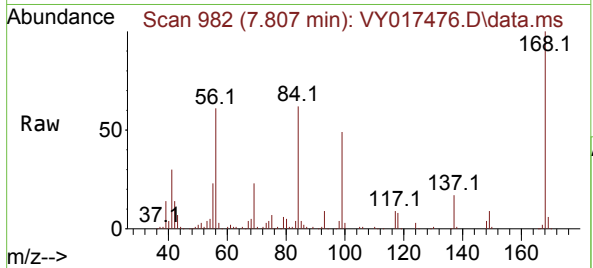




#31
Cyclohexane
Concen: 45.284 ug/l
RT: 7.807 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

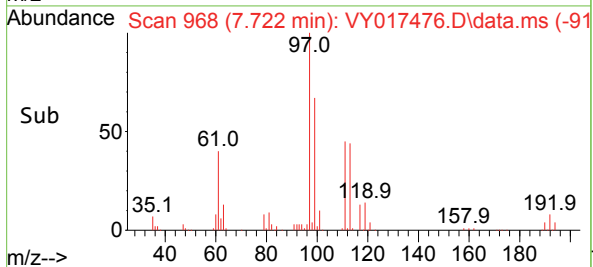
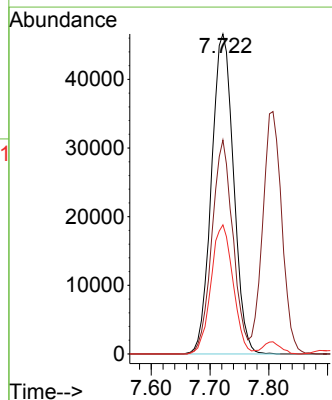
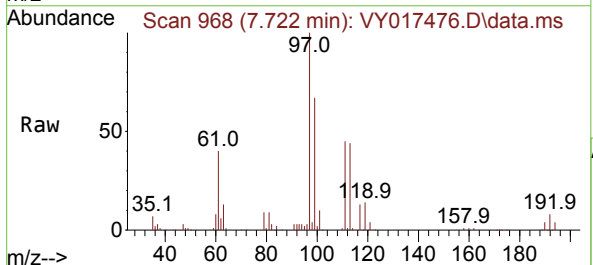
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

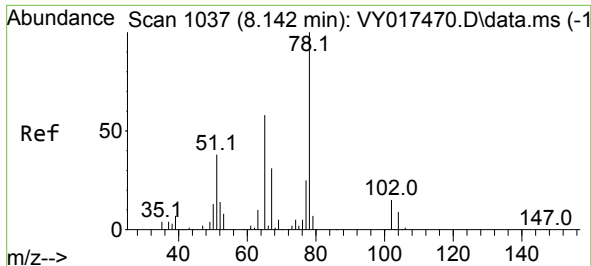
Tgt Ion: 56 Resp: 112178
Ion Ratio Lower Upper
56 100
69 37.5 28.7 43.1
84 99.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.506 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 97 Resp: 121569
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 40.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 40.957 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

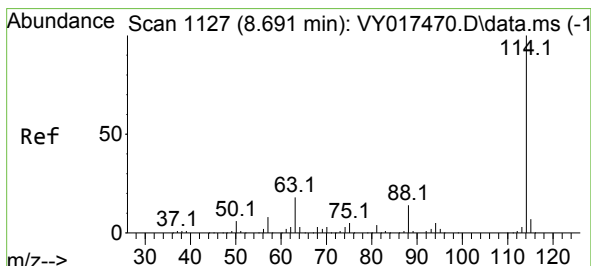
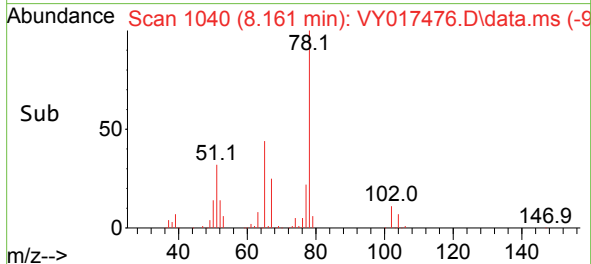
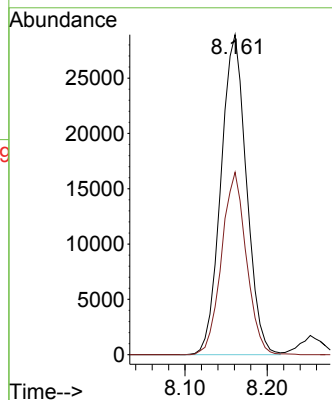
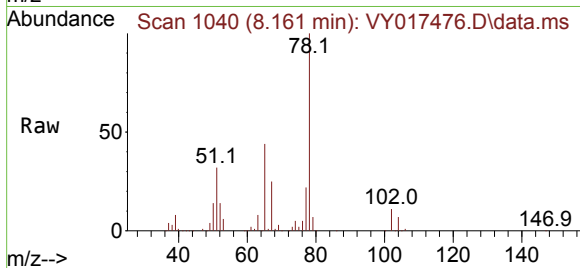
VSTDCCC050

Tgt Ion: 65 Resp: 62344

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

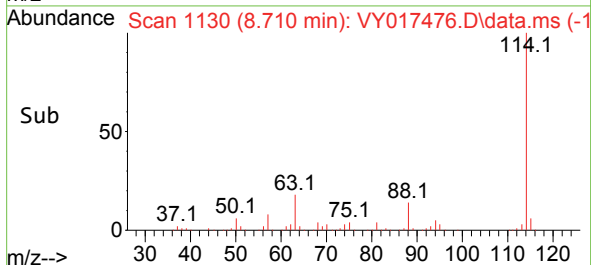
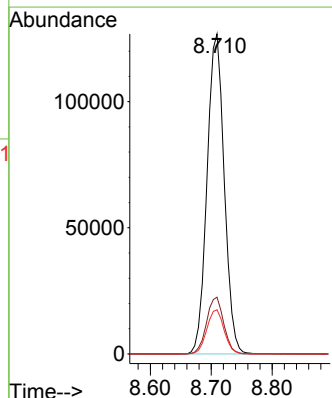
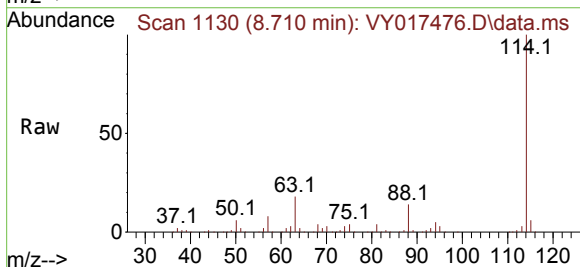
Tgt Ion: 114 Resp: 248507

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.8 0.0 27.2

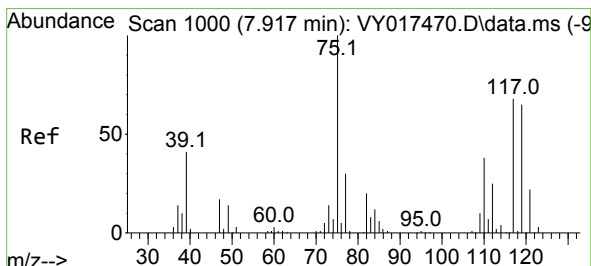
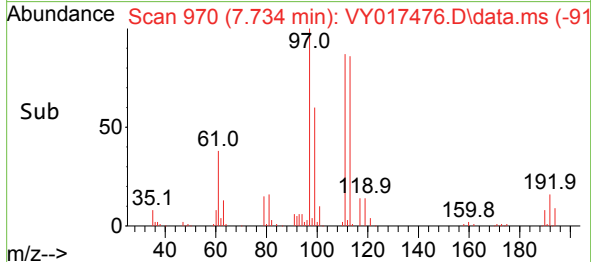
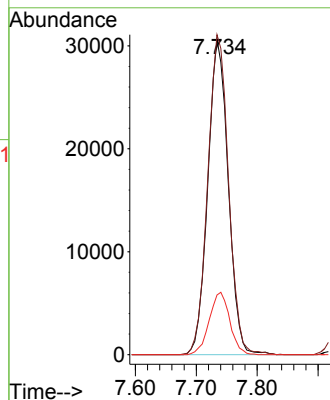
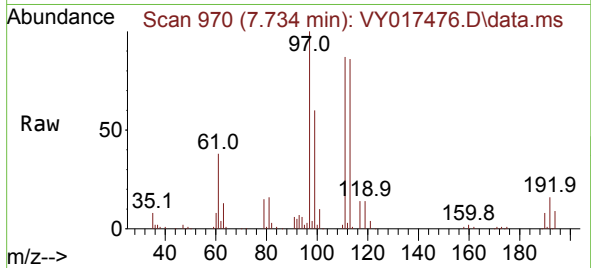




#35
Dibromofluoromethane
Concen: 41.221 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

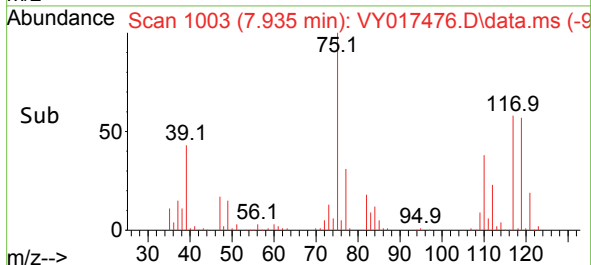
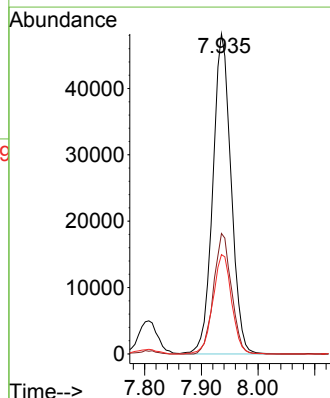
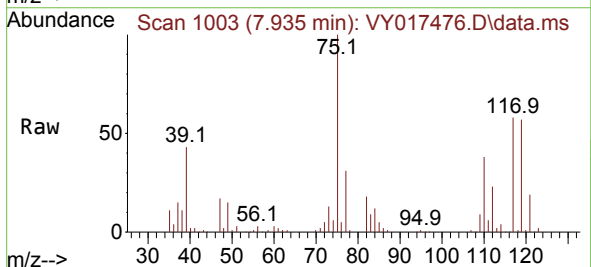
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

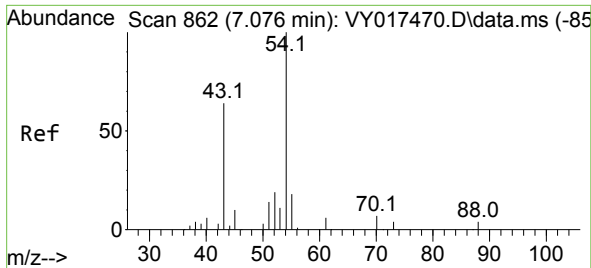
Tgt Ion:113 Resp: 71381
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.119 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 75 Resp: 107753
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 31.9 25.3 37.9

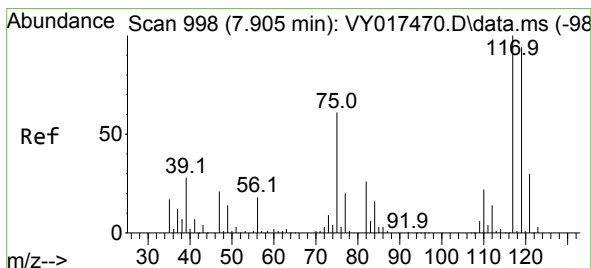
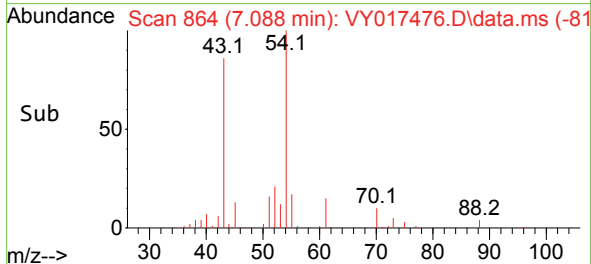
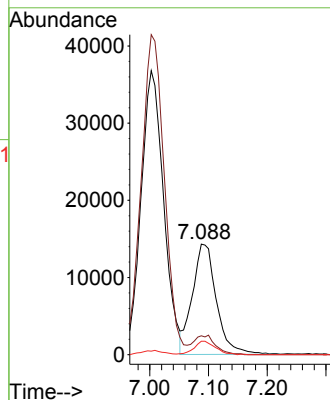
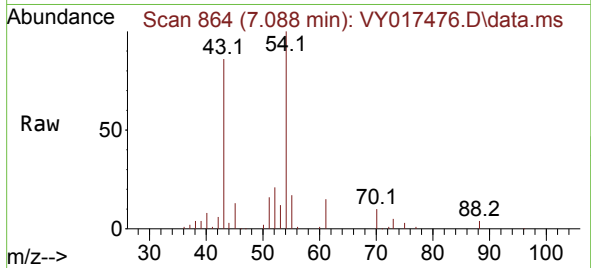




#37
Ethyl Acetate
Concen: 44.028 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

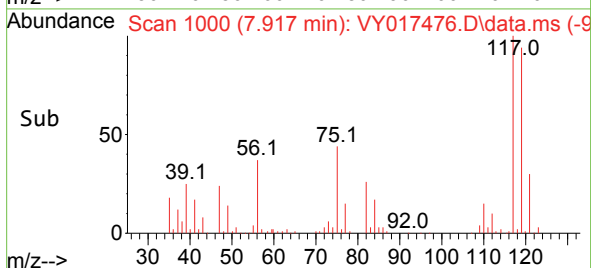
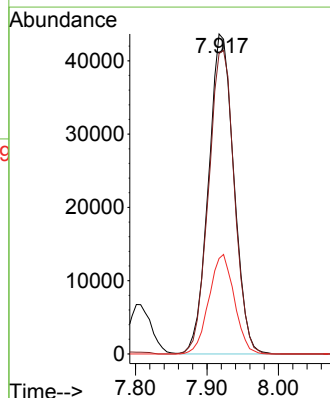
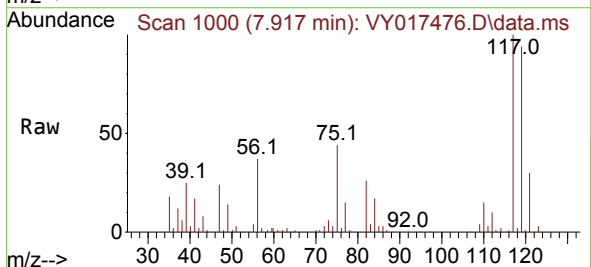
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 40629
Ion Ratio Lower Upper
43 100
61 16.1 12.6 19.0
70 10.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 45.961 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 117 Resp: 107622
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.6
121 29.8 24.0 36.0

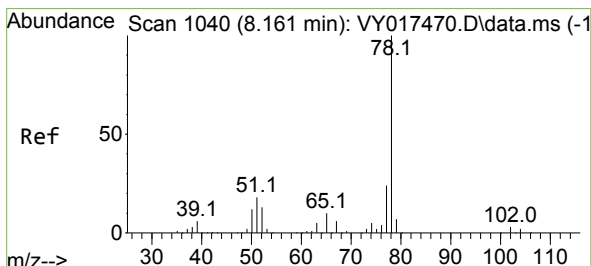
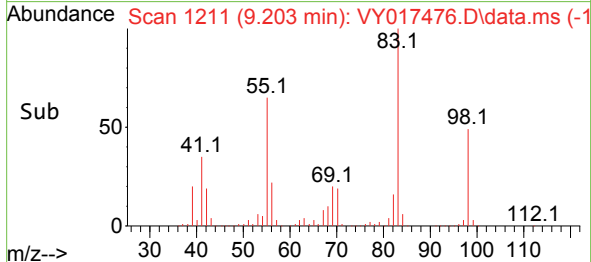
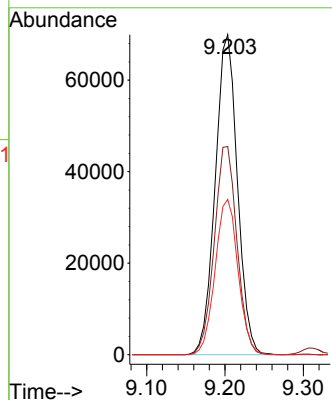
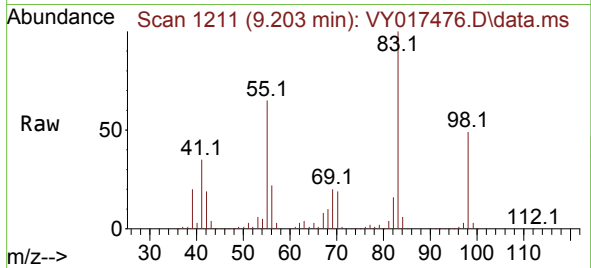




#39
Methylcyclohexane
Concen: 49.088 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

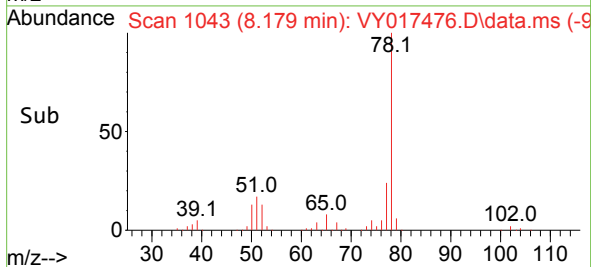
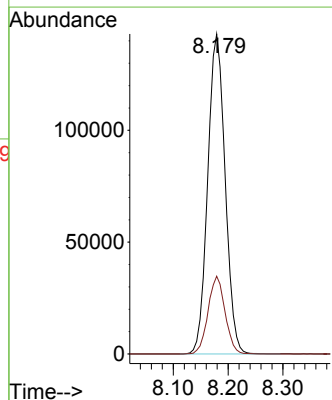
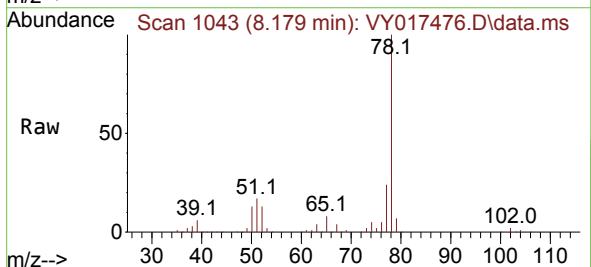
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

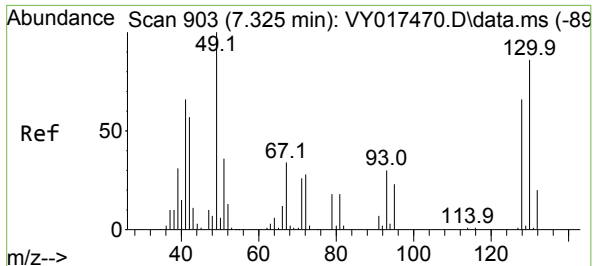
Tgt Ion: 83 Resp: 137833
Ion Ratio Lower Upper
83 100
55 65.0 51.5 77.3
98 48.6 40.5 60.7



#40
Benzene
Concen: 45.330 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 78 Resp: 314519
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

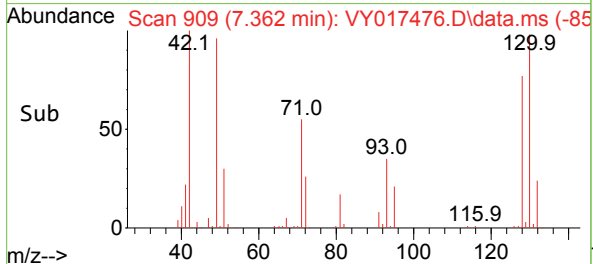
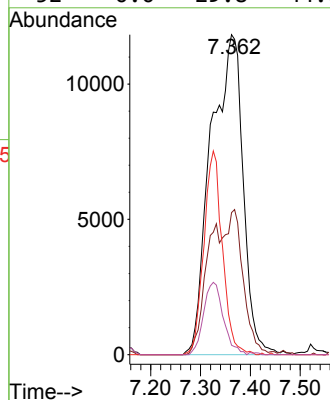
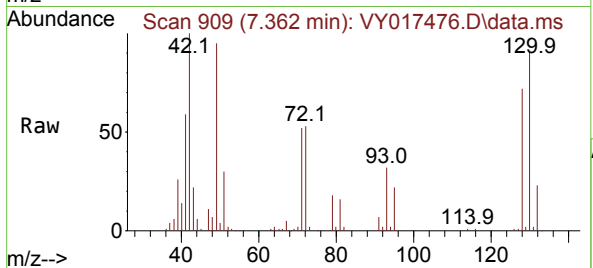




#41
Methacrylonitrile
Concen: 114.151 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.037 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

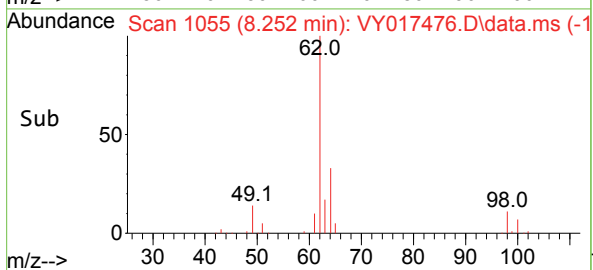
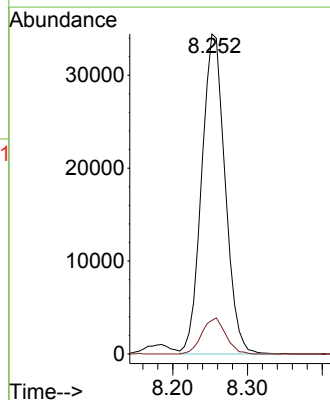
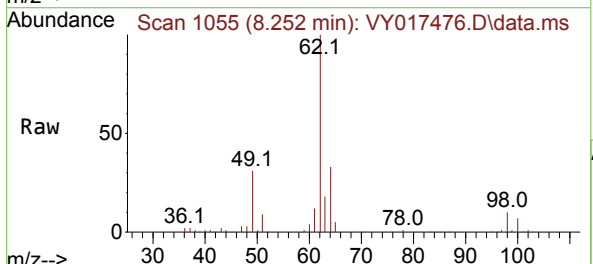
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

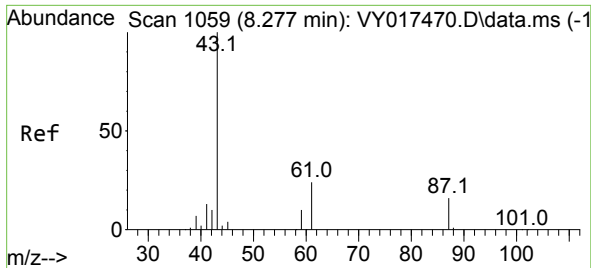
Tgt Ion: 41 Resp: 52860
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 44.283 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 62 Resp: 74967
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.0

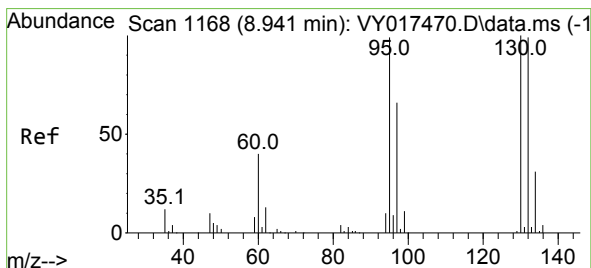
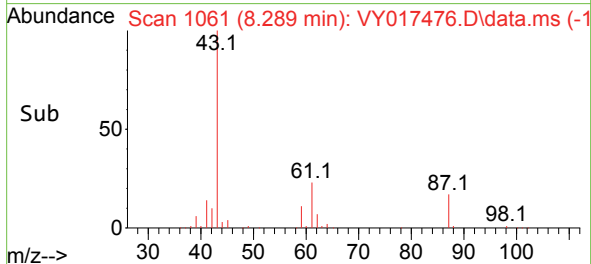
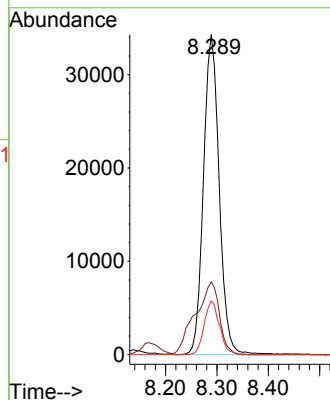
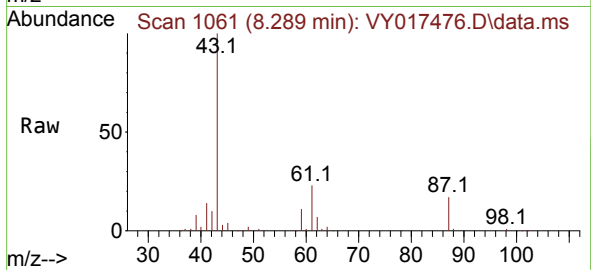




#43
Isopropyl Acetate
Concen: 44.877 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

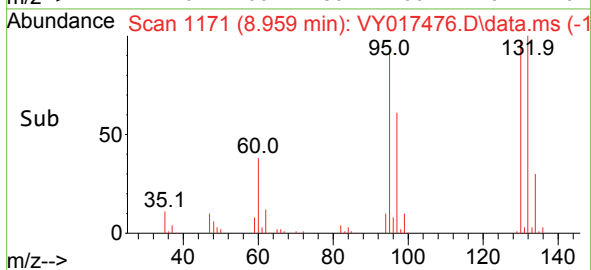
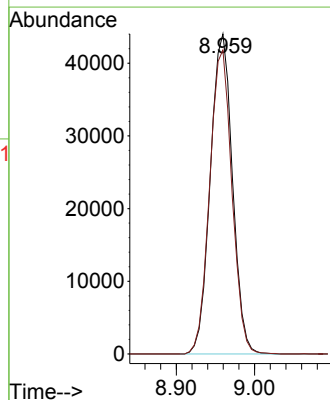
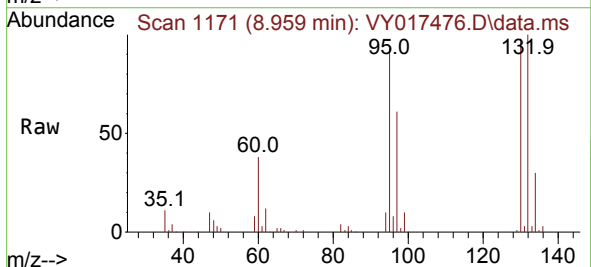
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

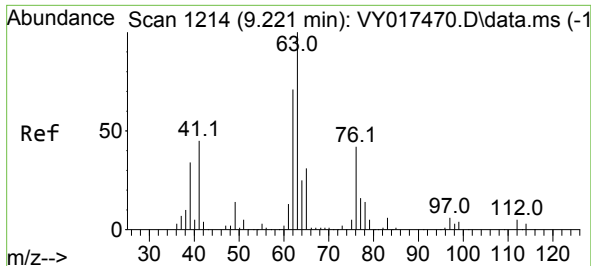
Tgt Ion: 43 Resp: 72772
Ion Ratio Lower Upper
43 100
61 34.8 27.9 41.9
87 16.3 13.1 19.7



#44
Trichloroethene
Concen: 43.163 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion:130 Resp: 86322
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 44.738 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

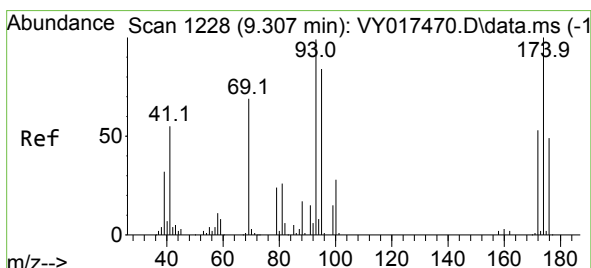
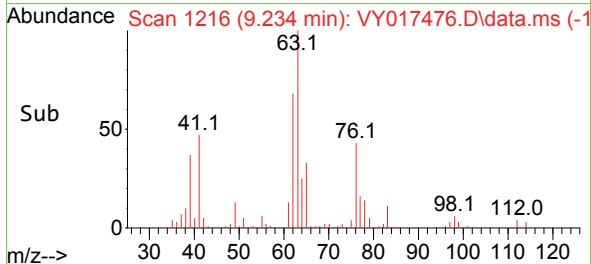
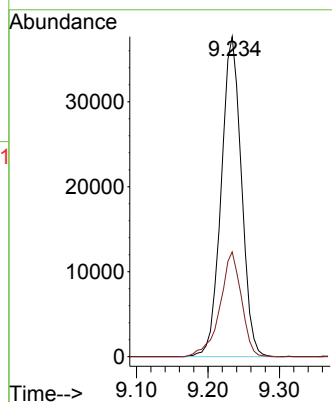
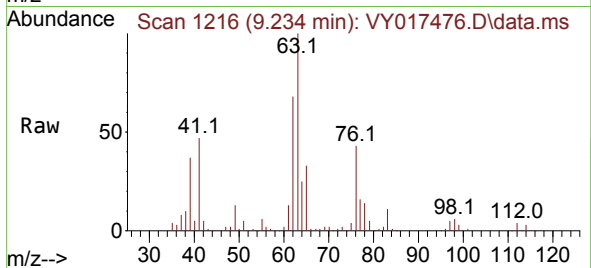
VSTDCCC050

Tgt Ion: 63 Resp: 73852

Ion Ratio Lower Upper

63 100

65 32.8 25.4 38.2



#46

Dibromomethane

Concen: 44.000 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

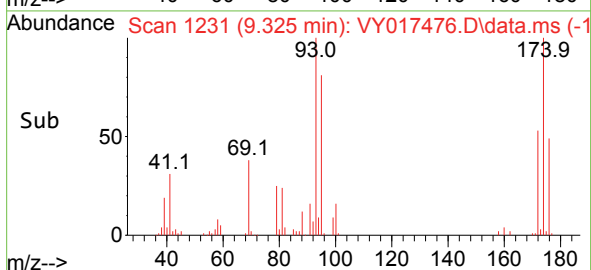
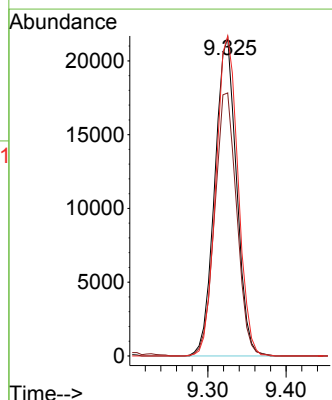
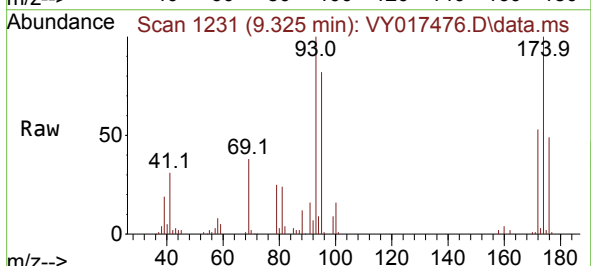
Tgt Ion: 93 Resp: 41569

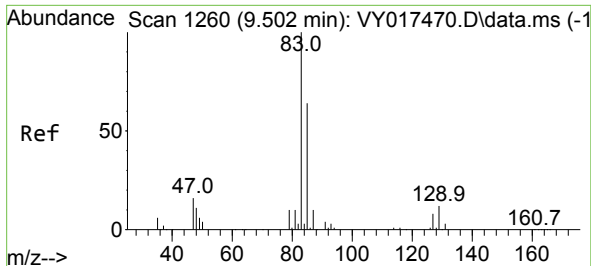
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 102.1 80.9 121.3

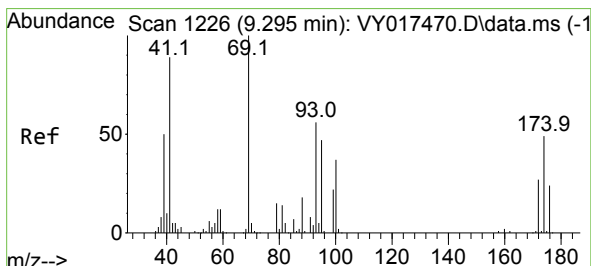
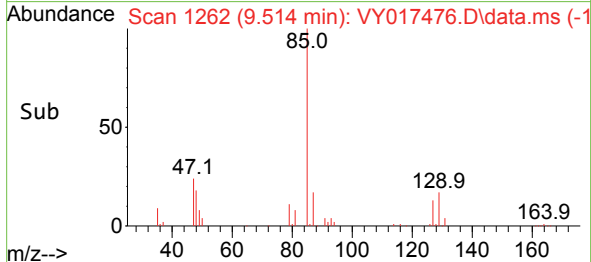
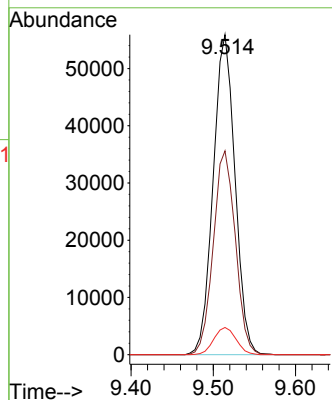
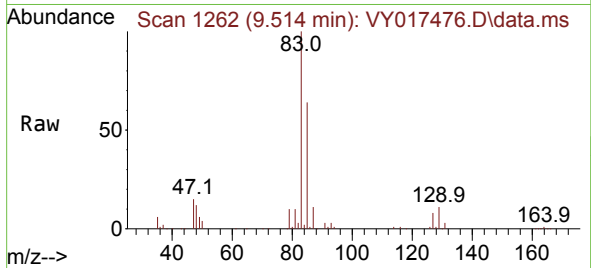




#47
Bromodichloromethane
Concen: 44.971 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

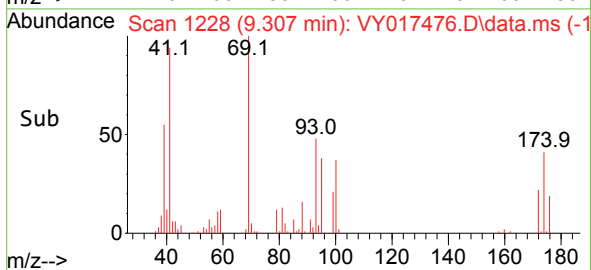
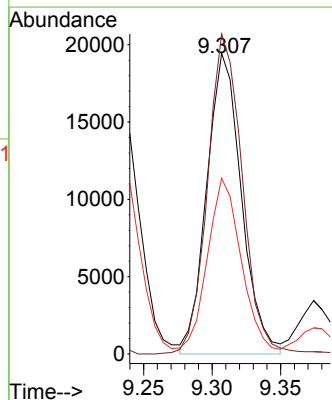
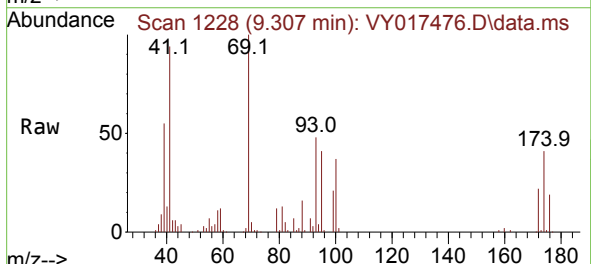
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

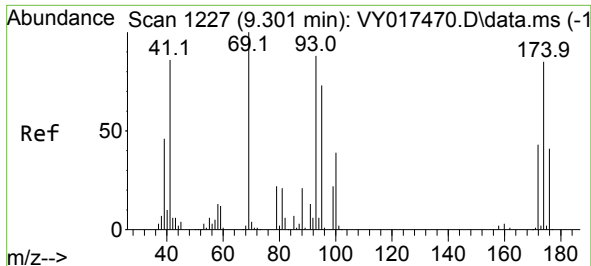
Tgt Ion: 83 Resp: 103160
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 45.649 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 41 Resp: 34264
Ion Ratio Lower Upper
41 100
69 106.5 84.1 126.1
39 54.4 43.6 65.4





#49

1,4-Dioxane

Concen: 814.269 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

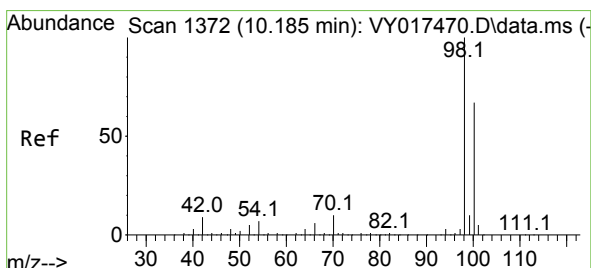
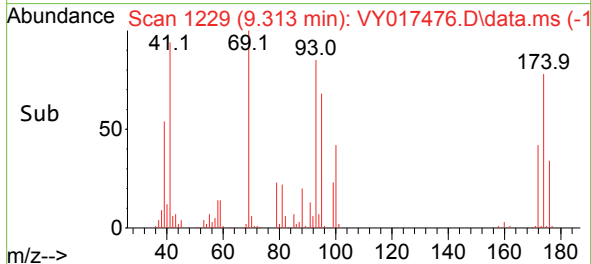
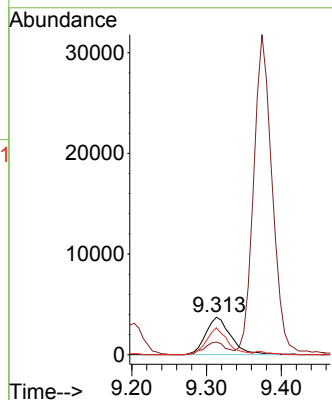
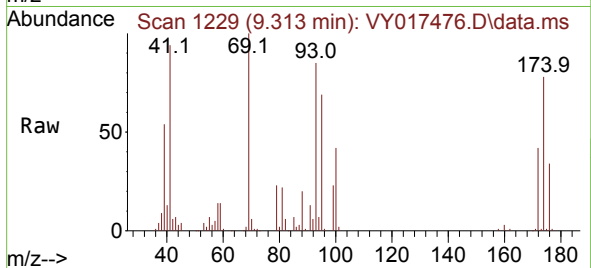
Tgt Ion: 88 Resp: 8706

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 60.8 49.3 73.9



#50

Toluene-d8

Concen: 45.094 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017476.D

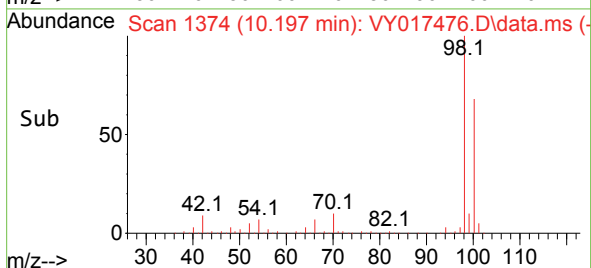
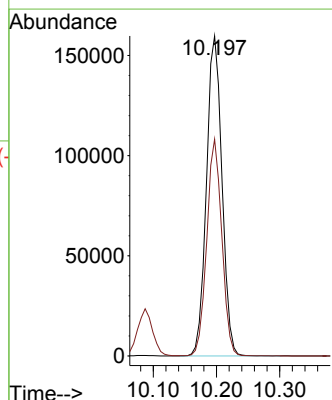
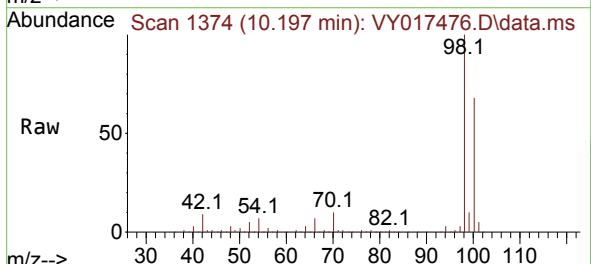
Acq: 26 Feb 2024 09:54

Tgt Ion: 98 Resp: 273027

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

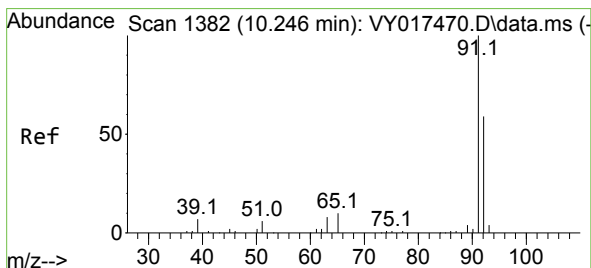
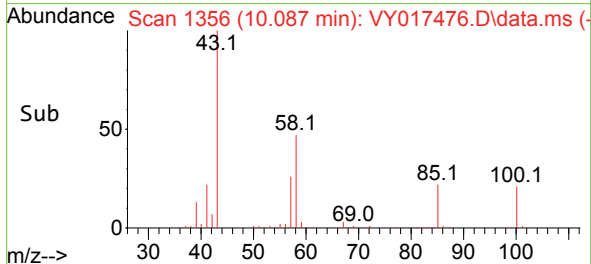
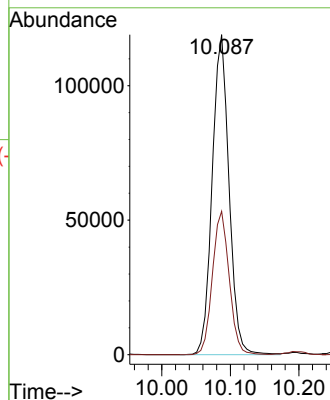
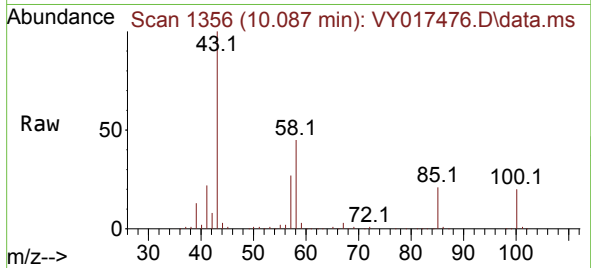




#51
4-Methyl-2-Pentanone
Concen: 224.280 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

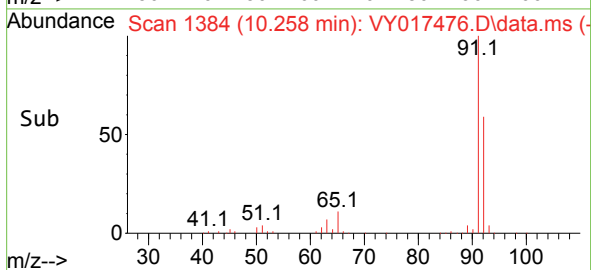
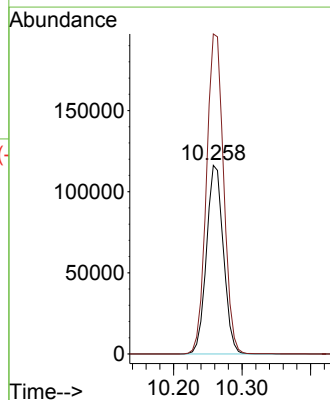
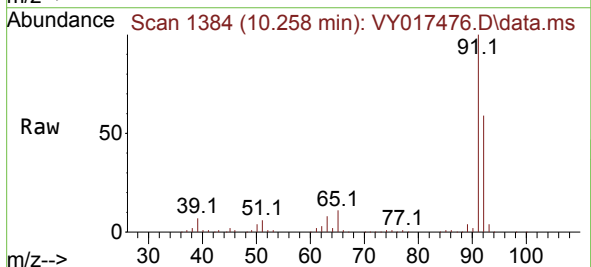
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

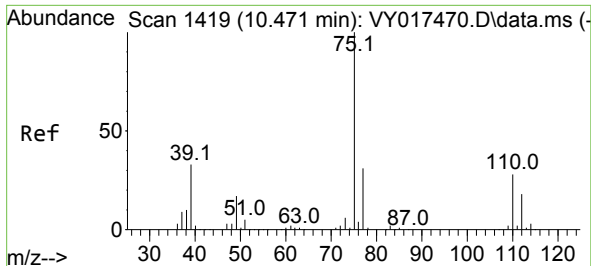
Tgt Ion: 43 Resp: 202695
Ion Ratio Lower Upper
43 100
58 44.7 35.7 53.5



#52
Toluene
Concen: 45.662 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 92 Resp: 199729
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.6

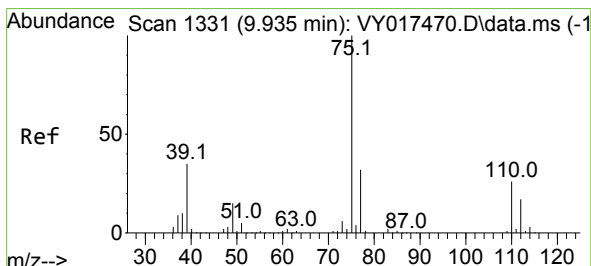
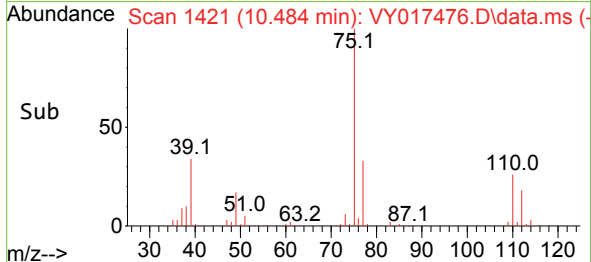
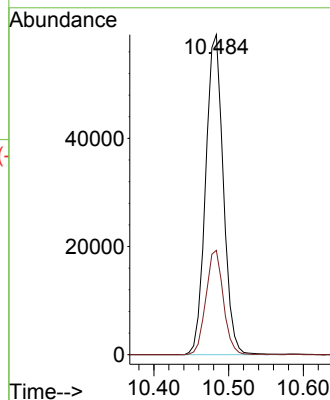
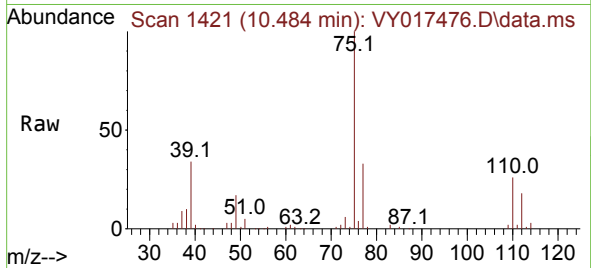




#53
 t-1,3-Dichloropropene
 Concen: 45.558 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY017476.D
 Acq: 26 Feb 2024 09:54

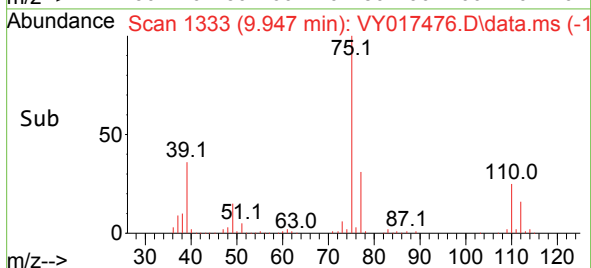
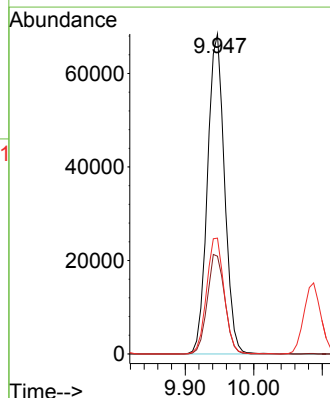
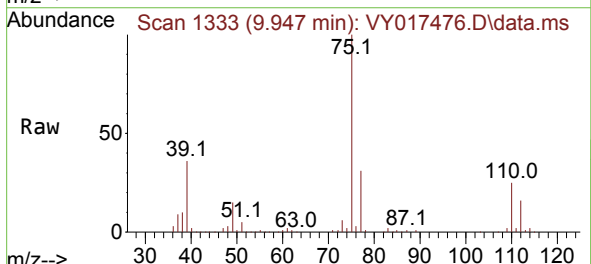
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

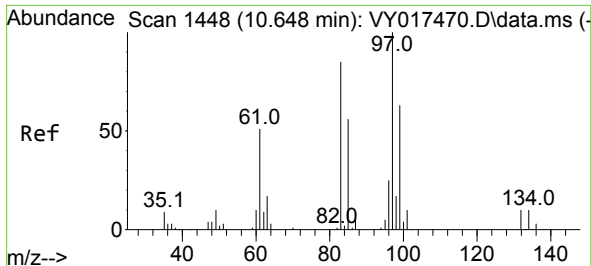
Tgt Ion: 75 Resp: 96999
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 45.754 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY017476.D
 Acq: 26 Feb 2024 09:54

Tgt Ion: 75 Resp: 118371
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 36.2 29.8 44.6

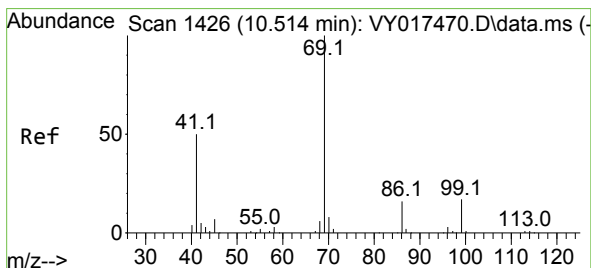
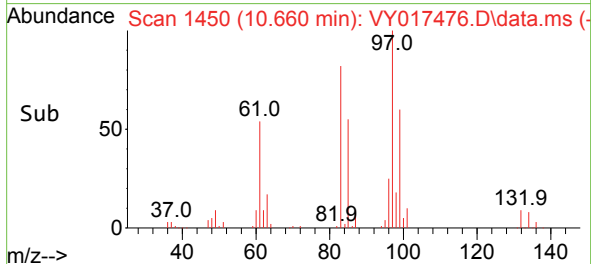
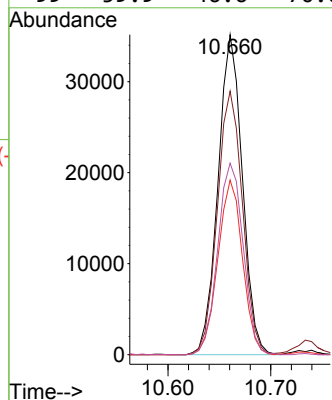
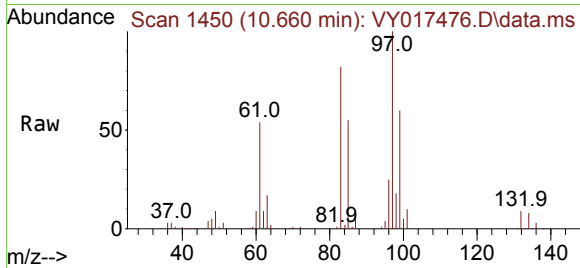




#55
1,1,2-Trichloroethane
Concen: 43.056 ug/l
RT: 10.660 min Scan# 1448
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

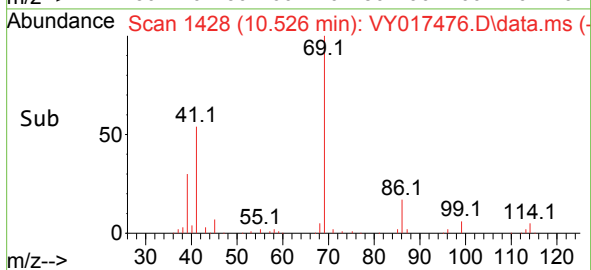
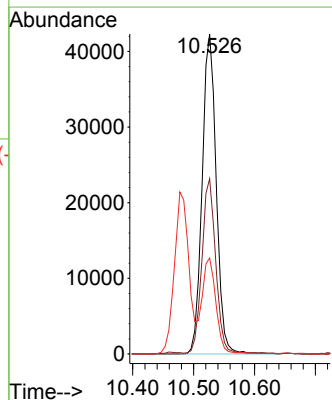
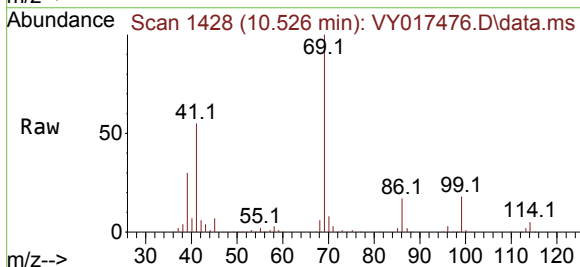
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

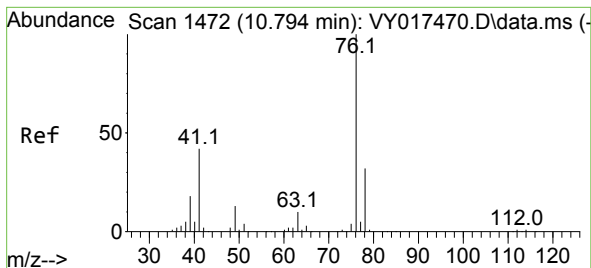
Tgt Ion:	97	Resp:	57754
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.5	101.3
85	54.6	42.9	64.3
99	59.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 41.753 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion:	69	Resp:	68172
Ion	Ratio	Lower	Upper
69	100		
41	52.8	42.3	63.5
39	29.2	22.9	34.3





#57

1,3-Dichloropropane

Concen: 43.632 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

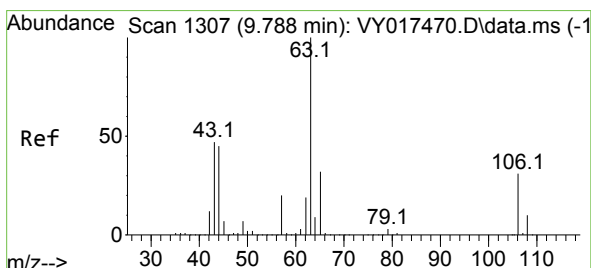
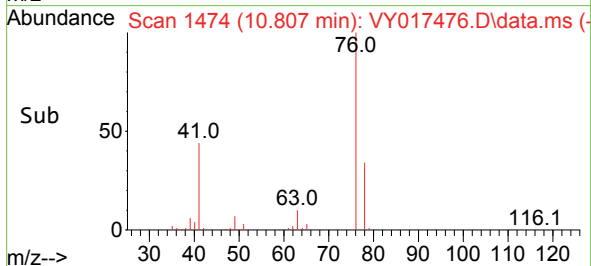
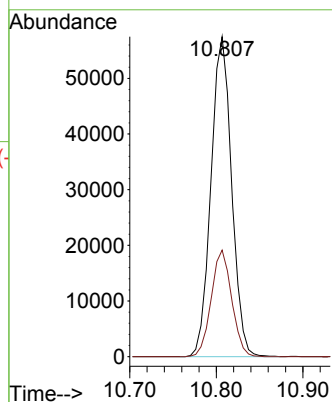
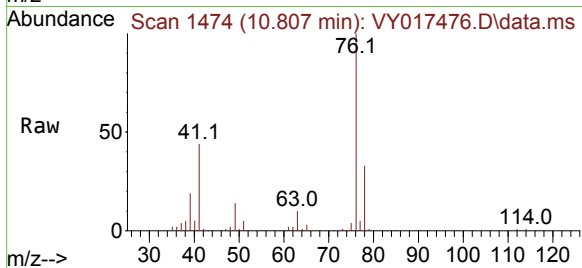
VSTDCCC050

Tgt Ion: 76 Resp: 95155

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 169.142 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017476.D

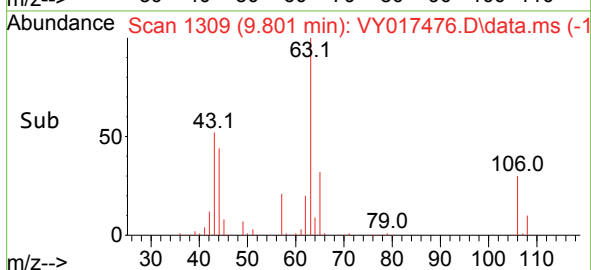
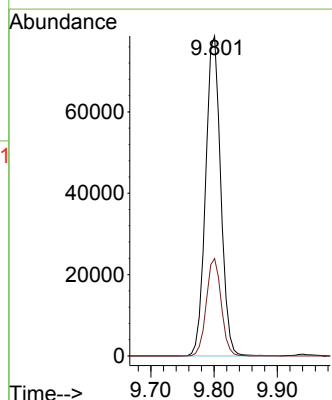
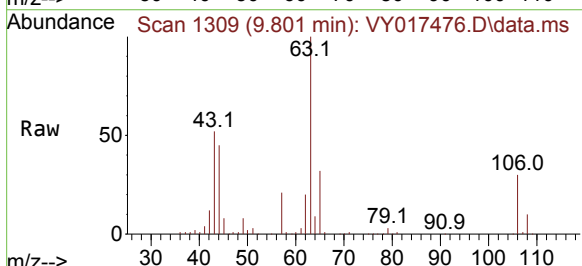
Acq: 26 Feb 2024 09:54

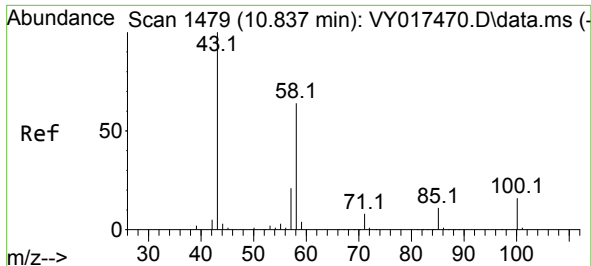
Tgt Ion: 63 Resp: 130921

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5

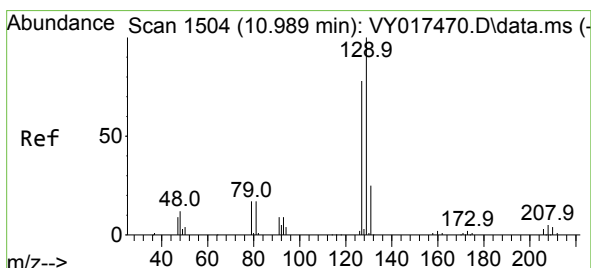
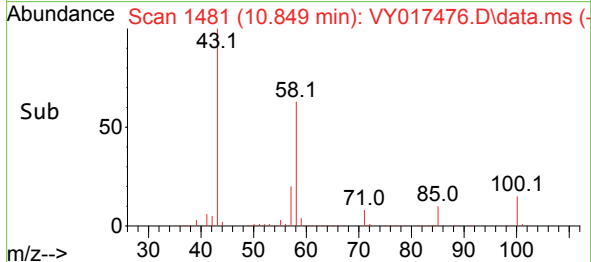
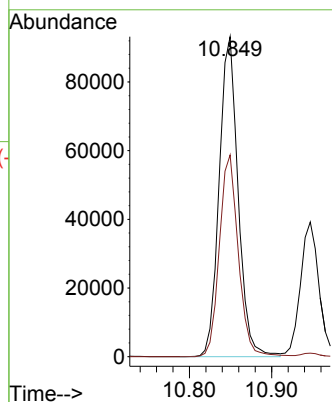
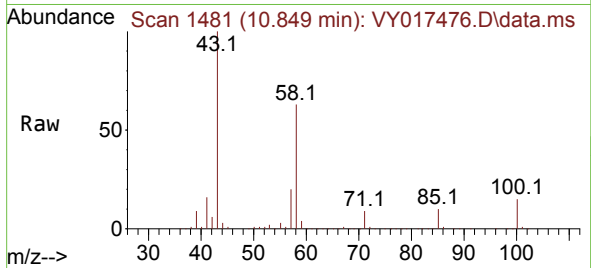




#59
2-Hexanone
Concen: 239.907 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

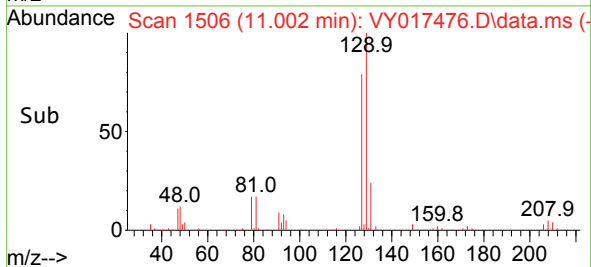
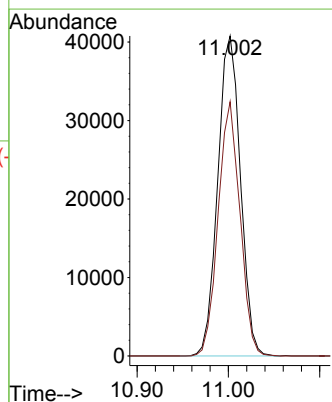
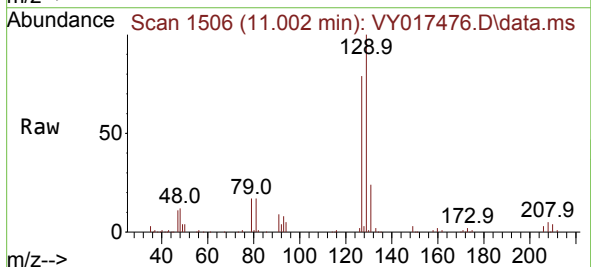
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

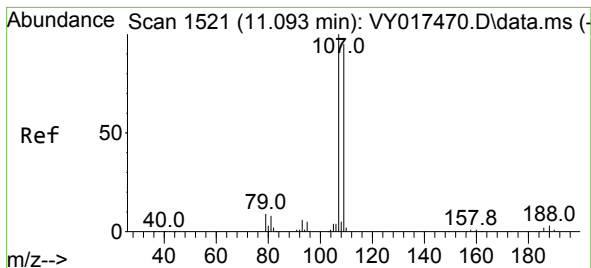
Tgt Ion: 43 Resp: 148928
Ion Ratio Lower Upper
43 100
58 63.0 31.4 94.0



#60
Dibromochloromethane
Concen: 44.373 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 129 Resp: 70412
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 43.709 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

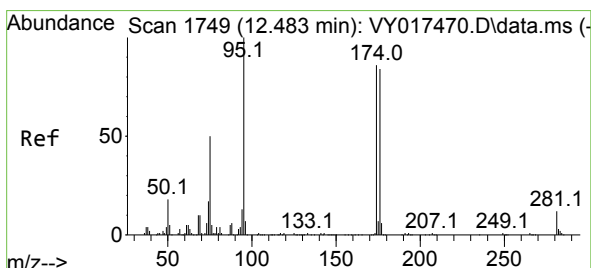
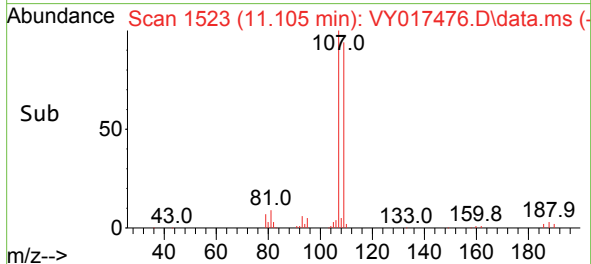
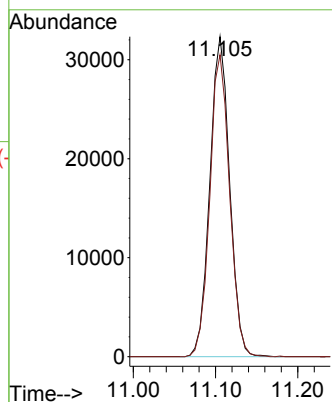
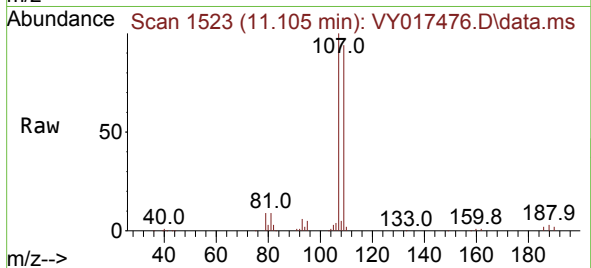
VSTDCCC050

Tgt Ion:107 Resp: 54030

Ion Ratio Lower Upper

107 100

109 94.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 43.554 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

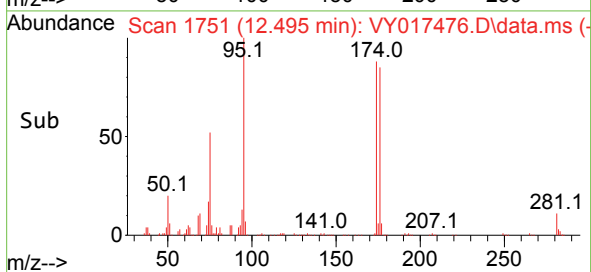
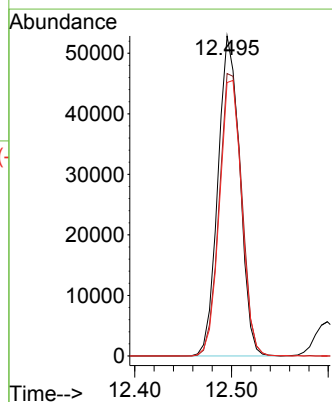
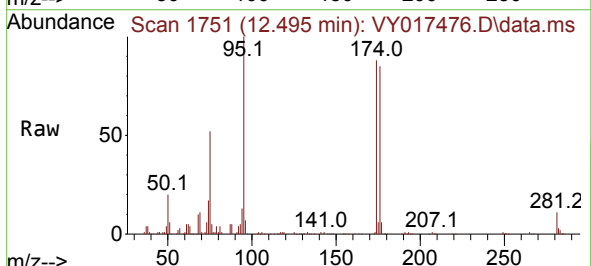
Tgt Ion: 95 Resp: 82875

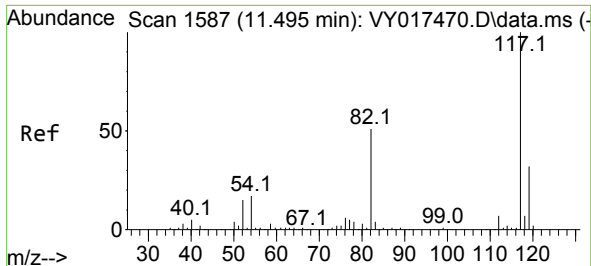
Ion Ratio Lower Upper

95 100

174 91.4 0.0 175.6

176 88.0 0.0 171.4

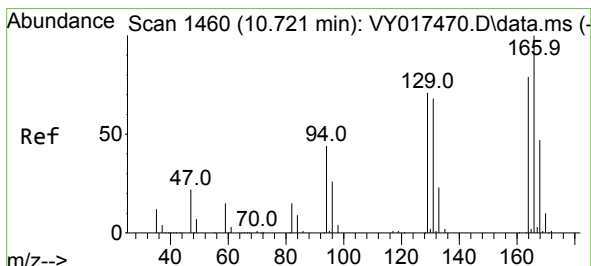
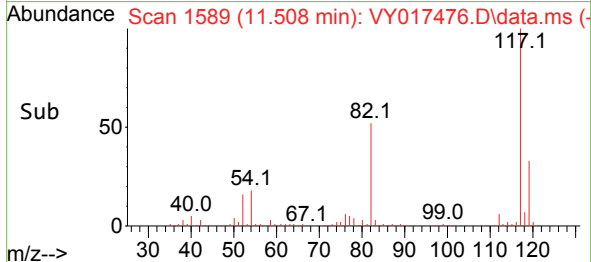
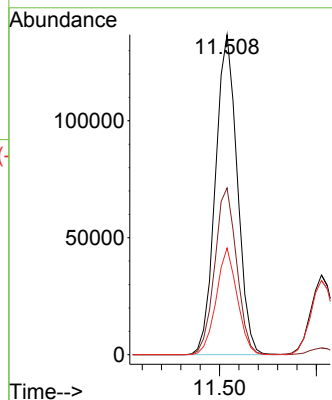
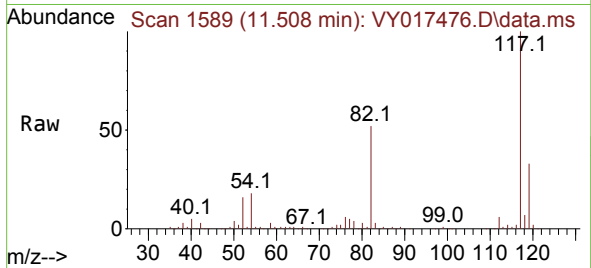




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

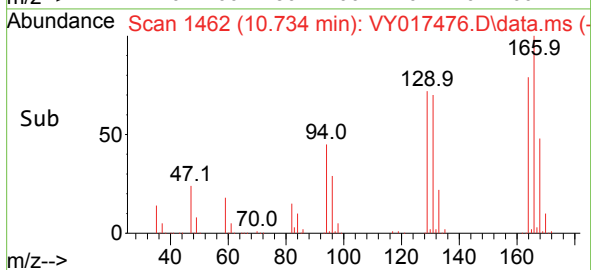
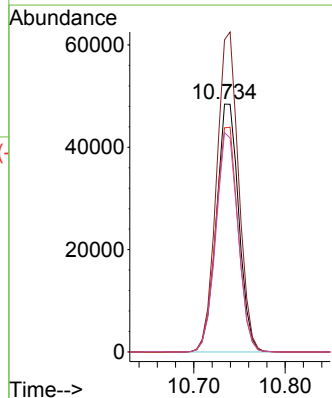
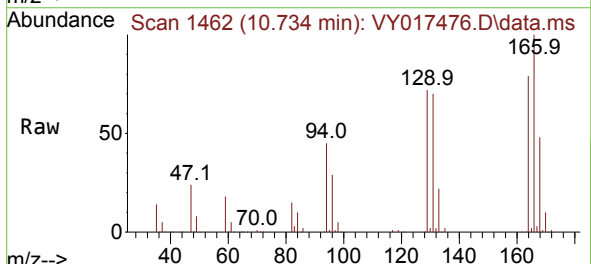
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

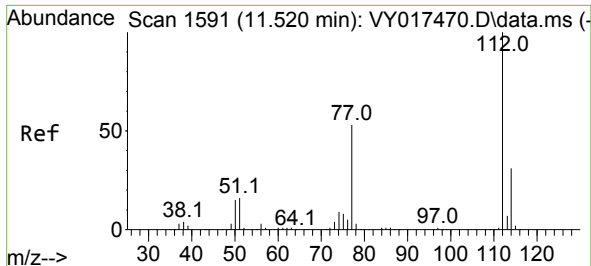
Tgt Ion:117 Resp: 214490
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 33.3 25.9 38.9



#64
Tetrachloroethene
Concen: 40.168 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion:164 Resp: 82695
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 90.5 72.0 108.0
131 88.5 70.0 105.0

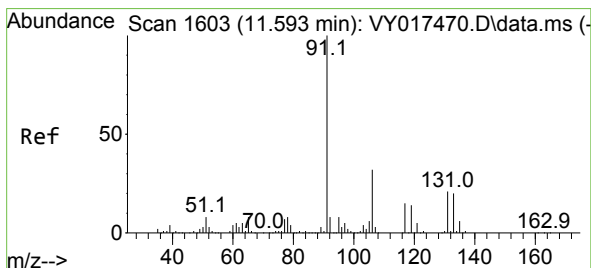
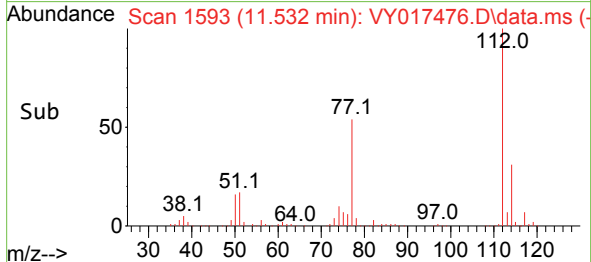
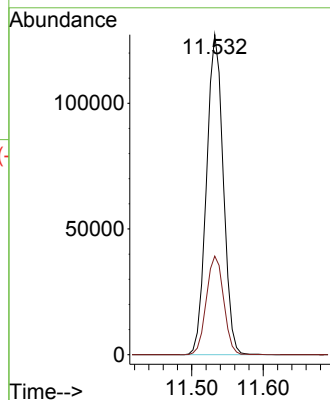
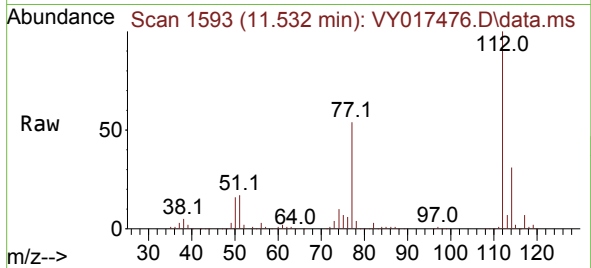




#65
Chlorobenzene
Concen: 45.464 ug/l
RT: 11.532 min Scan# 1593
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

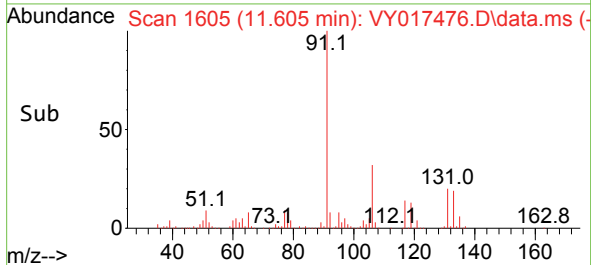
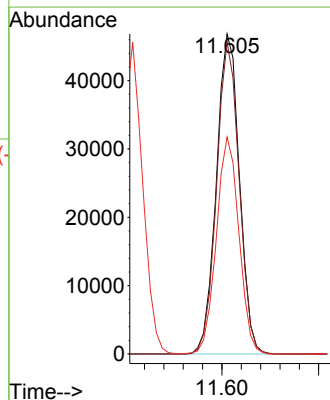
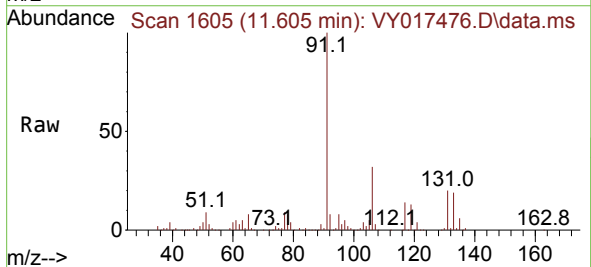
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

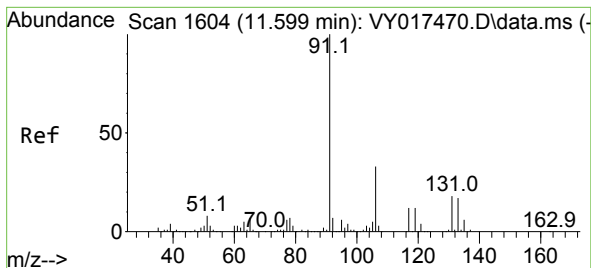
Tgt Ion:112 Resp: 206985
Ion Ratio Lower Upper
112 100
114 30.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.286 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion:131 Resp: 77240
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 47.710 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

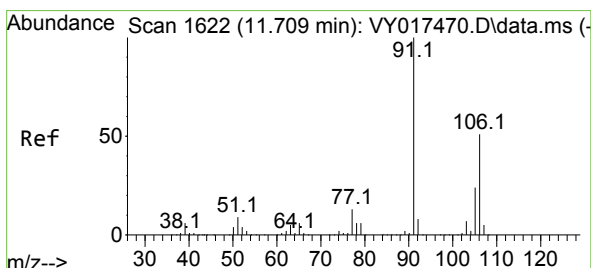
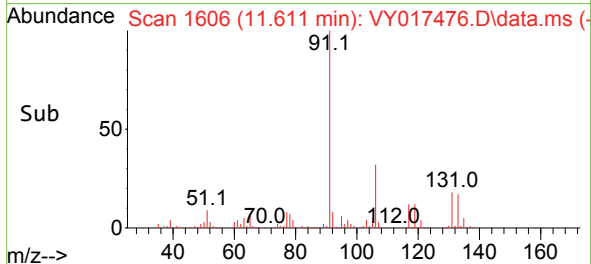
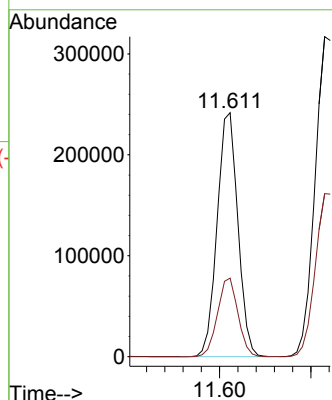
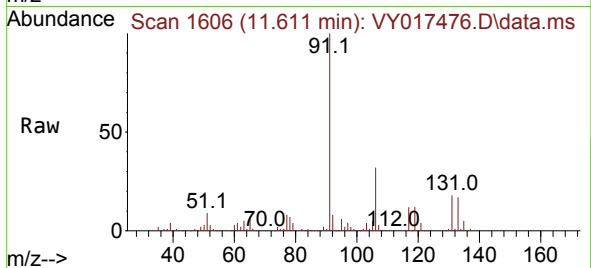
VSTDCCC050

Tgt Ion: 91 Resp: 380934

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 95.859 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017476.D

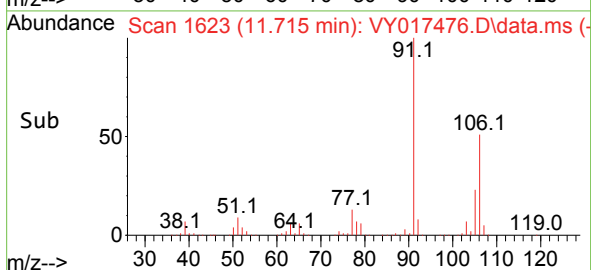
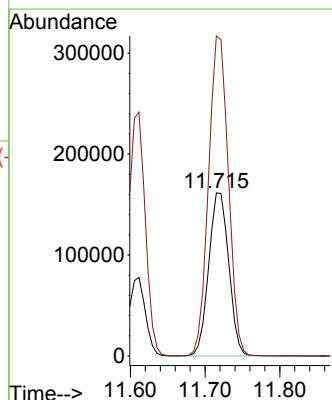
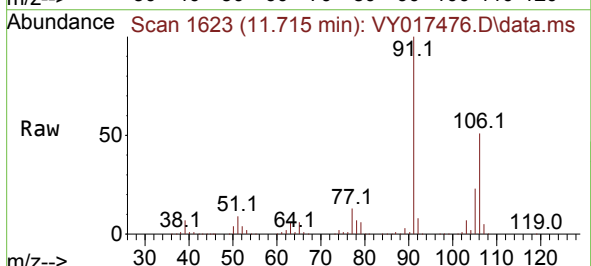
Acq: 26 Feb 2024 09:54

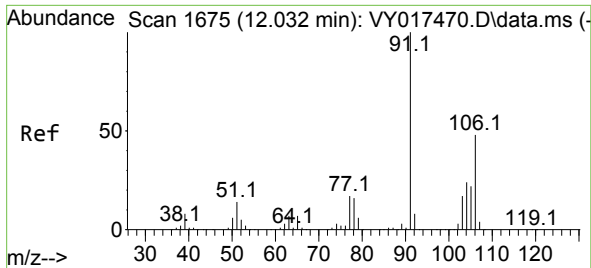
Tgt Ion:106 Resp: 300745

Ion Ratio Lower Upper

106 100

91 194.1 156.0 234.0

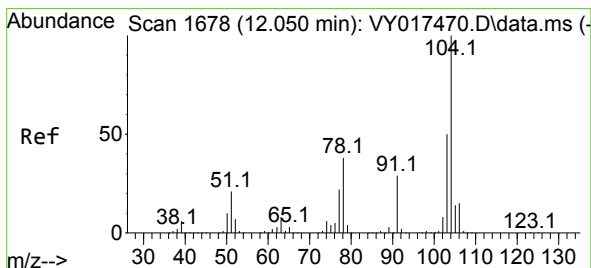
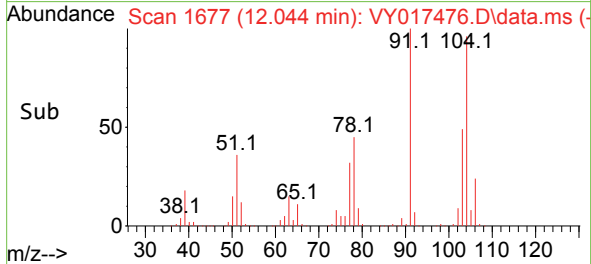
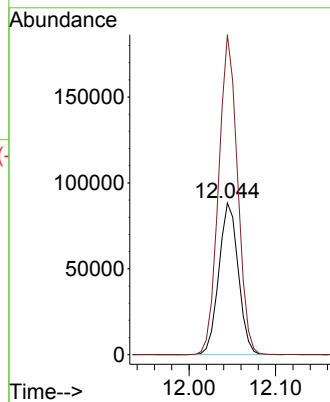
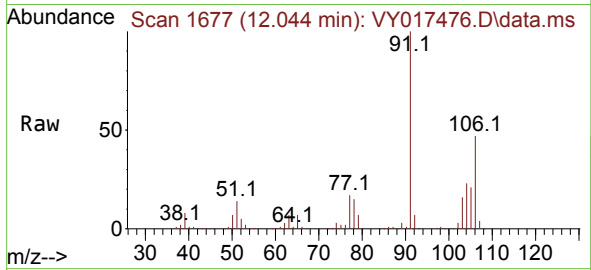




#69
o-Xylene
Concen: 47.289 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

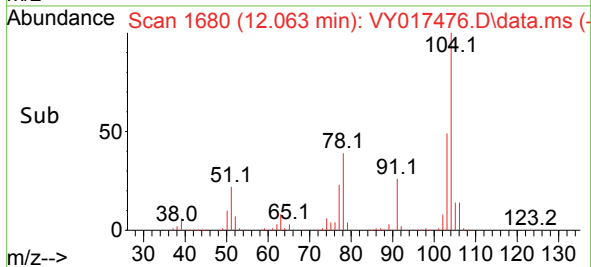
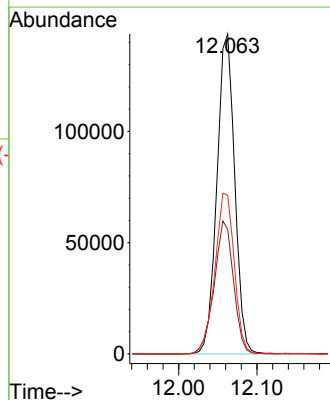
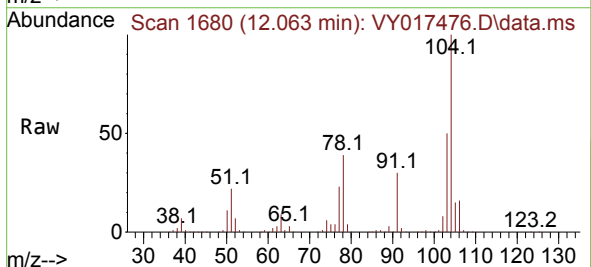
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

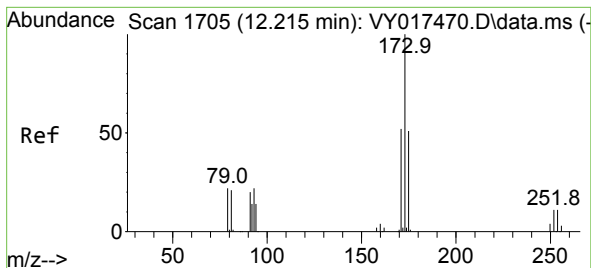
Tgt Ion:106 Resp: 137642
Ion Ratio Lower Upper
106 100
91 205.8 103.6 310.8



#70
Styrene
Concen: 47.174 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion:104 Resp: 227914
Ion Ratio Lower Upper
104 100
78 45.0 37.0 55.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 43.682 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

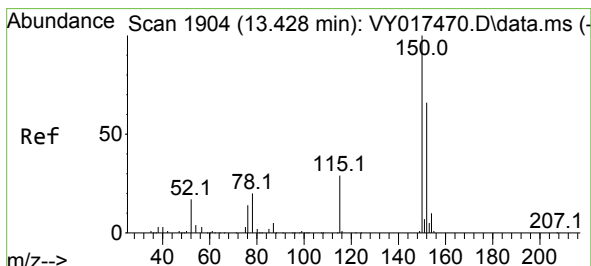
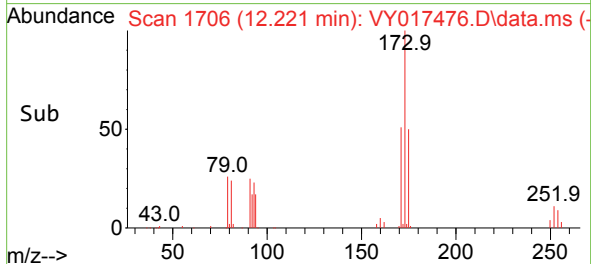
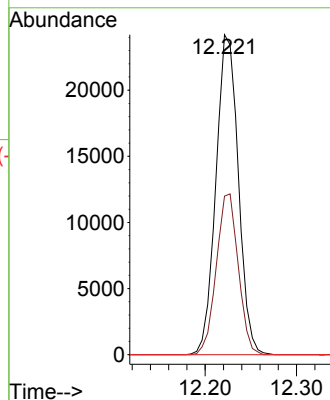
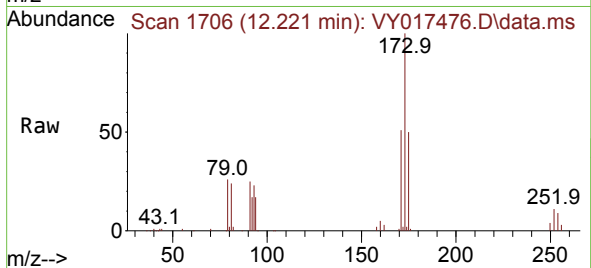
Tgt Ion:173 Resp: 41286

Ion Ratio Lower Upper

173 100

175 49.2 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: VY017476.D

Acq: 26 Feb 2024 09:54

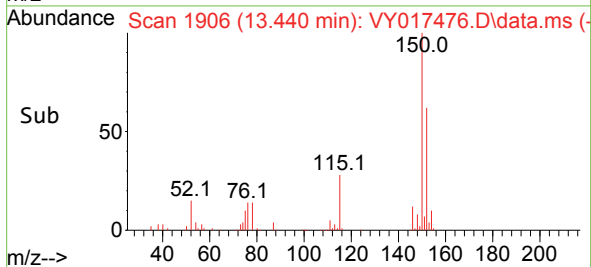
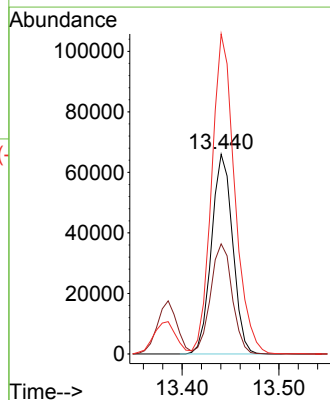
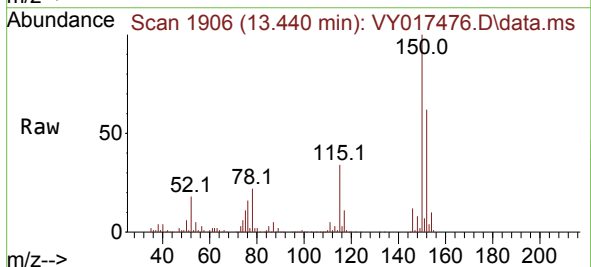
Tgt Ion:152 Resp: 100568

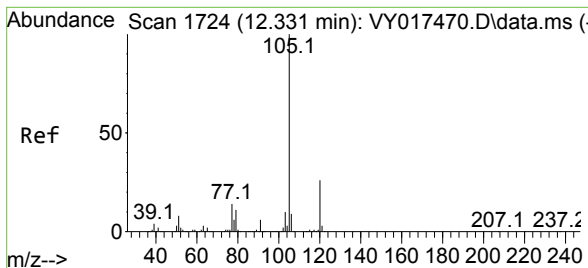
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 173.5 0.0 345.6





#73

Isopropylbenzene

Concen: 49.616 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

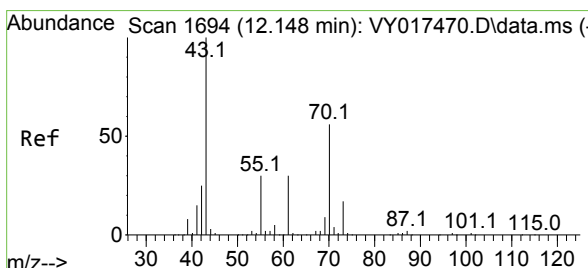
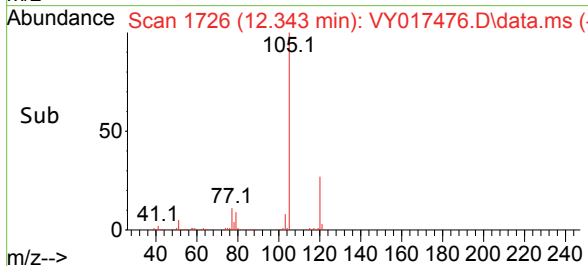
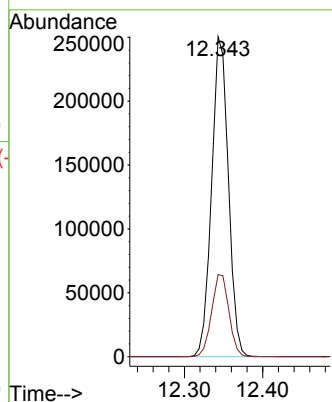
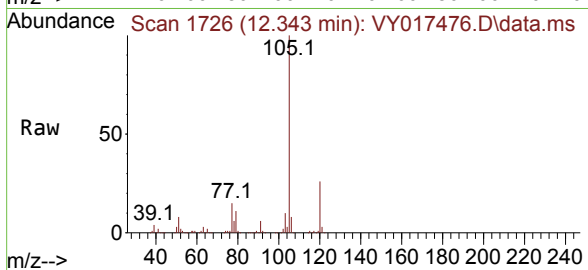
VSTDCCC050

Tgt Ion:105 Resp: 370707

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 47.917 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Tgt Ion: 43 Resp: 63144

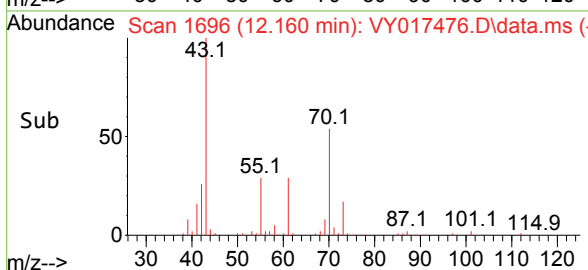
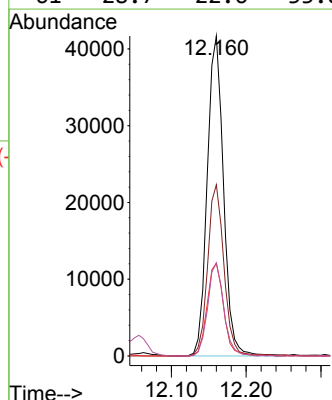
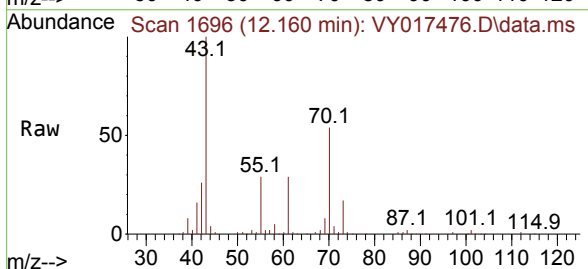
Ion Ratio Lower Upper

43 100

70 53.3 41.4 62.2

55 29.2 23.3 34.9

61 28.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.128 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

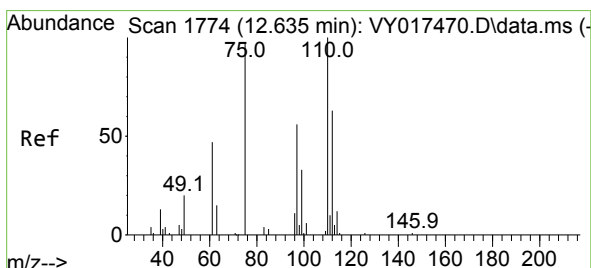
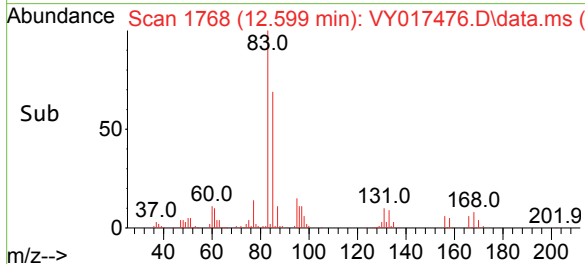
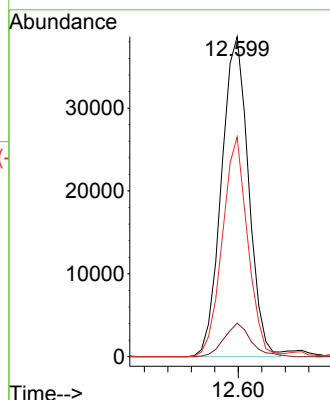
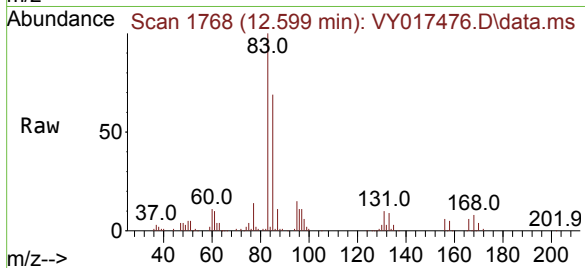
Tgt Ion: 83 Resp: 61750

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.539 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017476.D

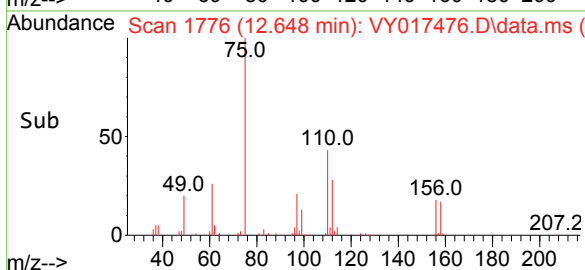
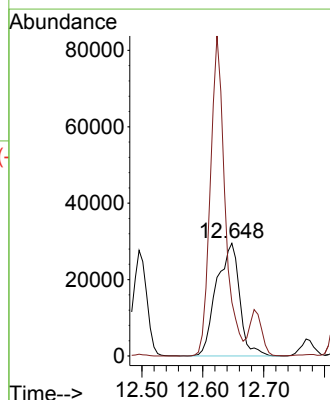
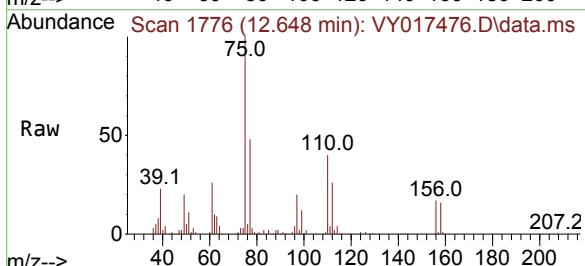
Acq: 26 Feb 2024 09:54

Tgt Ion: 75 Resp: 77914

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.621 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

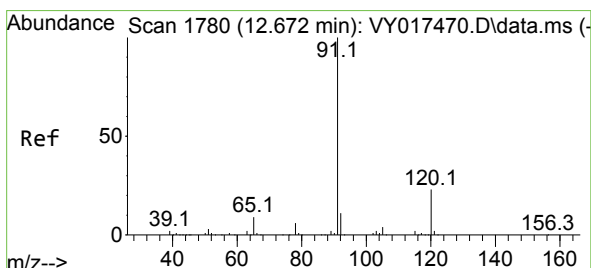
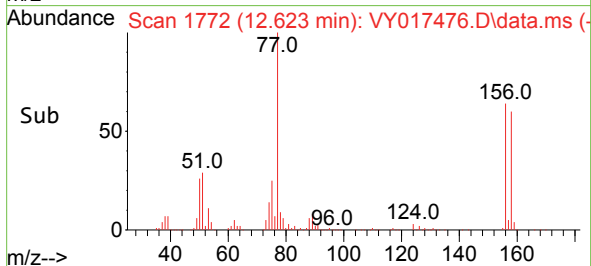
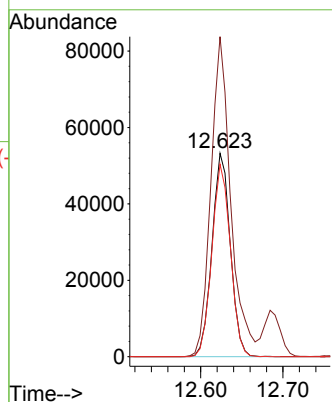
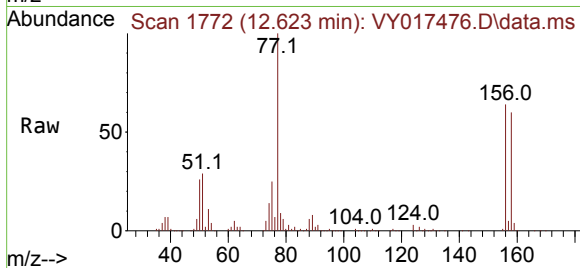
Tgt Ion:156 Resp: 82546

Ion Ratio Lower Upper

156 100

77 170.1 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 50.545 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017476.D

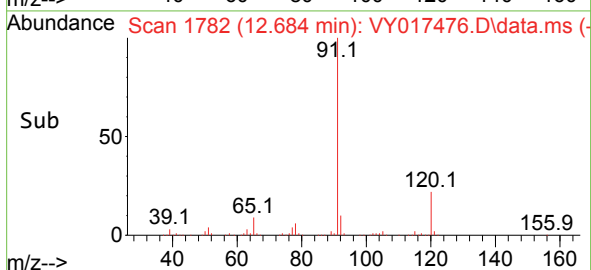
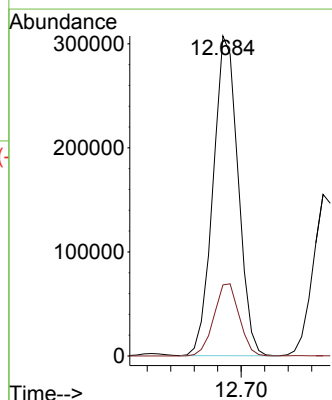
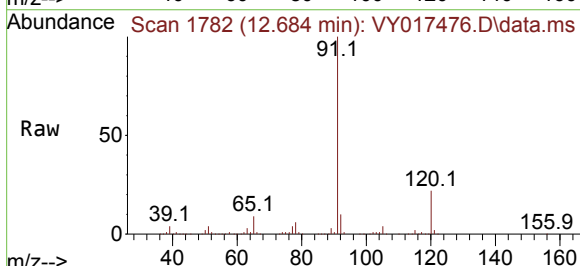
Acq: 26 Feb 2024 09:54

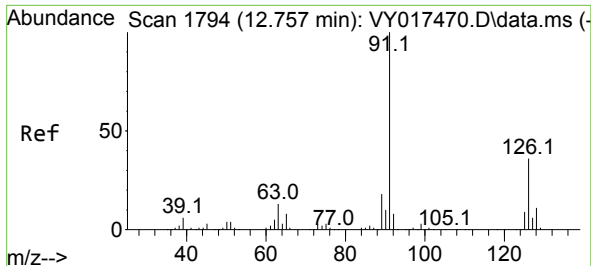
Tgt Ion: 91 Resp: 453145

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.662 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

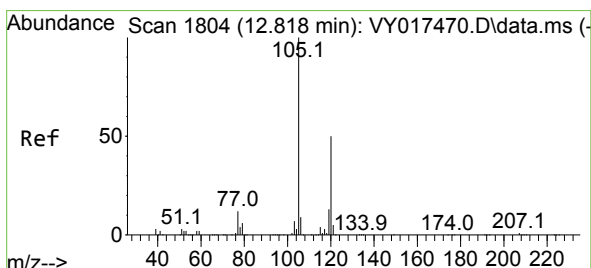
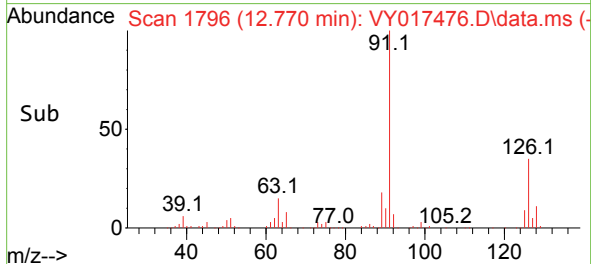
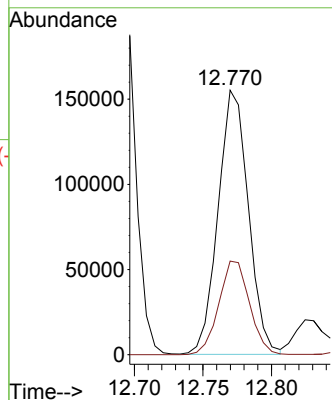
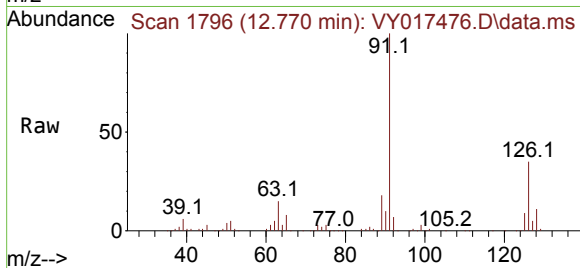
VSTDCCC050

Tgt Ion: 91 Resp: 239230

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.055 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY017476.D

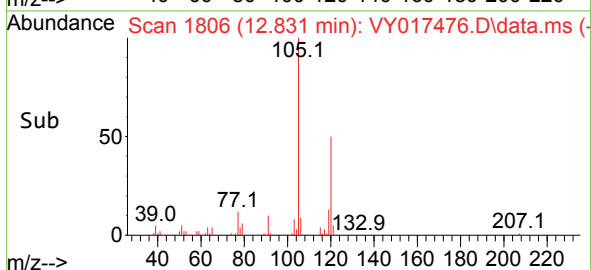
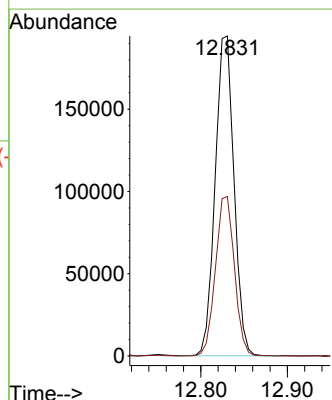
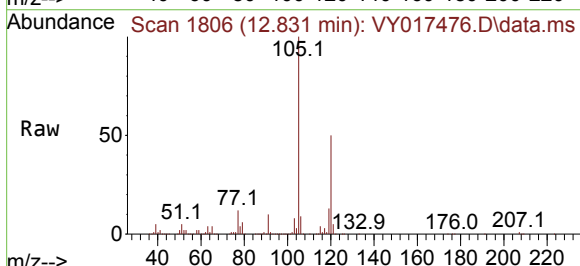
Acq: 26 Feb 2024 09:54

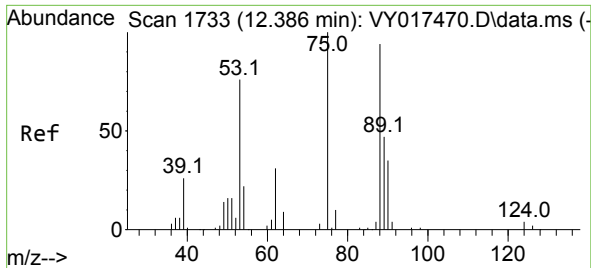
Tgt Ion:105 Resp: 293639

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

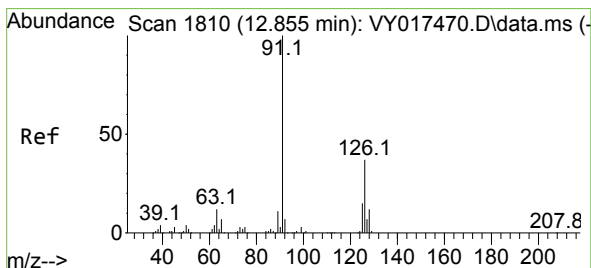
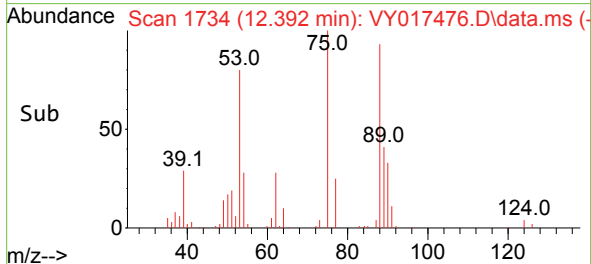
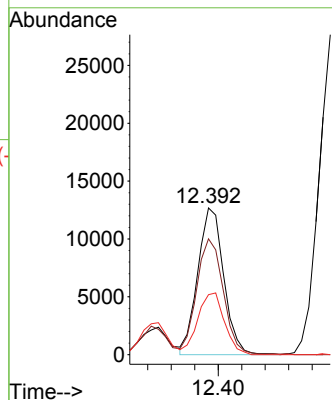
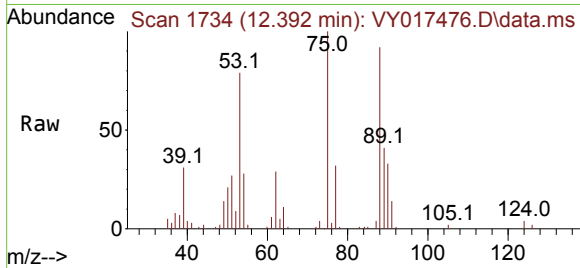




#81
trans-1,4-Dichloro-2-butene
Concen: 46.927 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

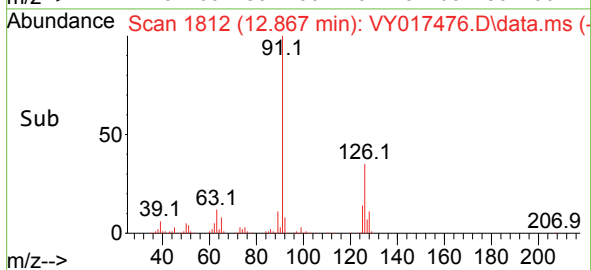
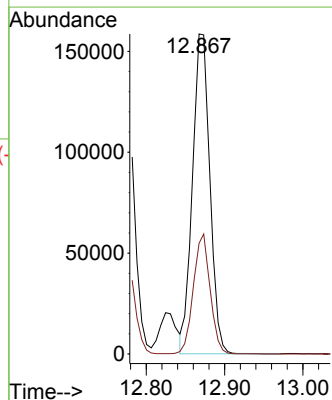
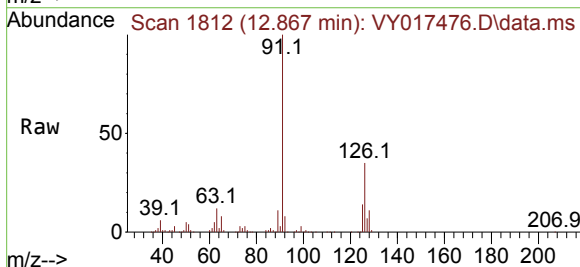
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

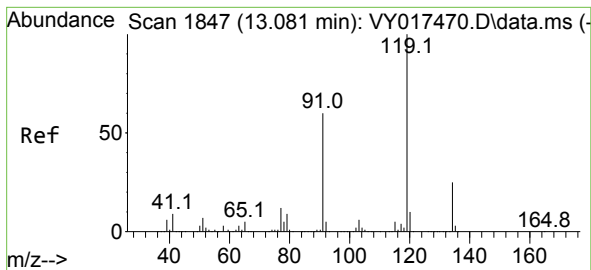
Tgt Ion: 75 Resp: 19515
Ion Ratio Lower Upper
75 100
53 79.6 66.8 100.2
89 43.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.732 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017476.D
Acq: 26 Feb 2024 09:54

Tgt Ion: 91 Resp: 245048
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.657 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

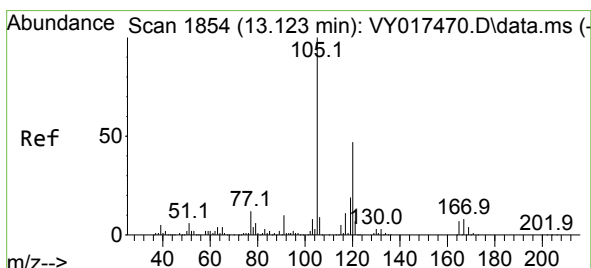
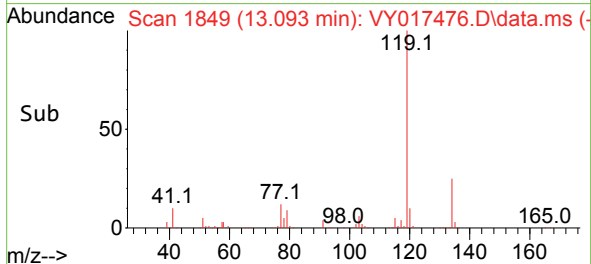
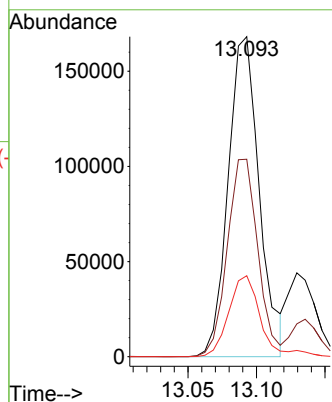
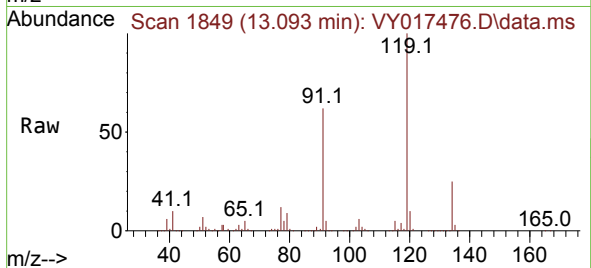
Tgt Ion:119 Resp: 266271

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.022 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017476.D

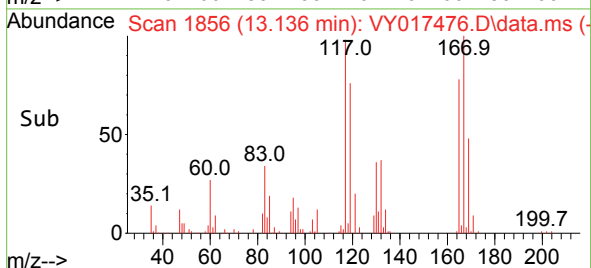
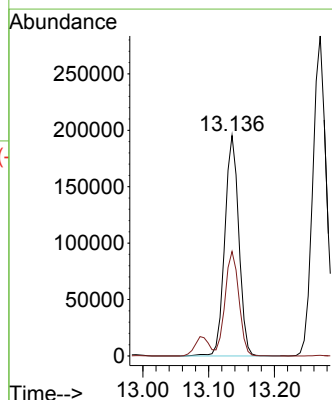
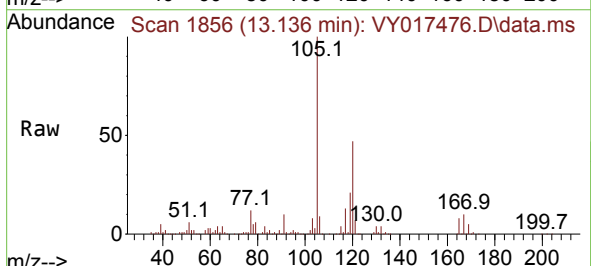
Acq: 26 Feb 2024 09:54

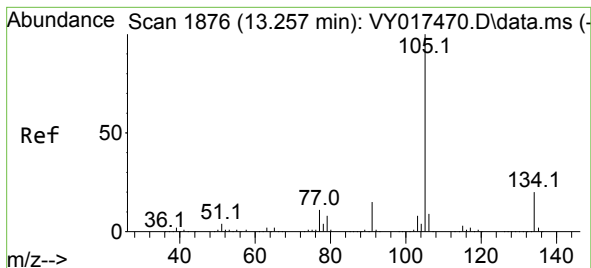
Tgt Ion:105 Resp: 289699

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.389 ug/l

RT: 13.270 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

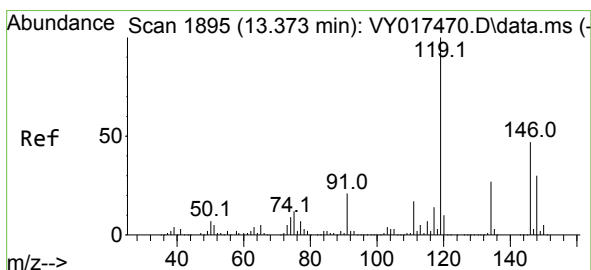
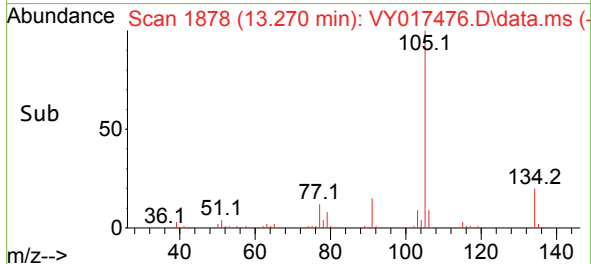
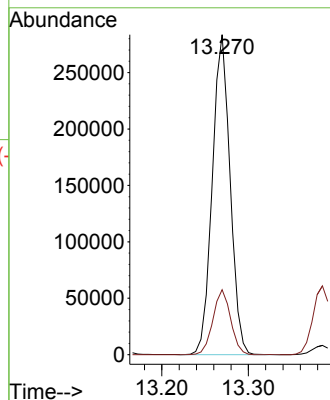
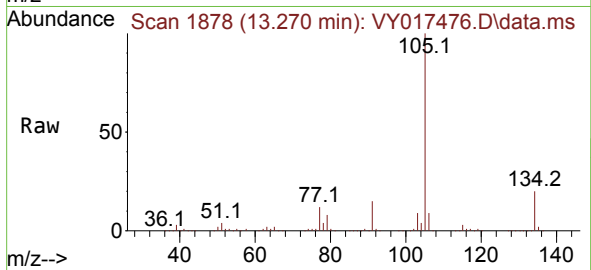
VSTDCCC050

Tgt Ion:105 Resp: 404948

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.251 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

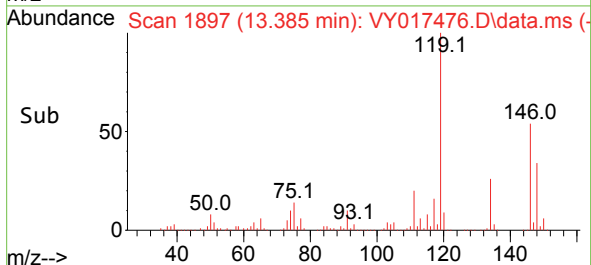
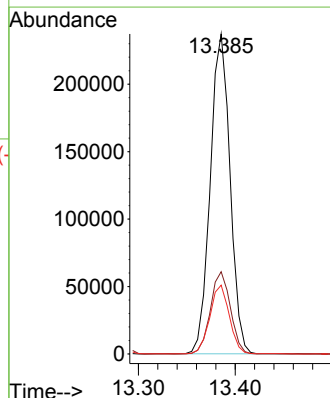
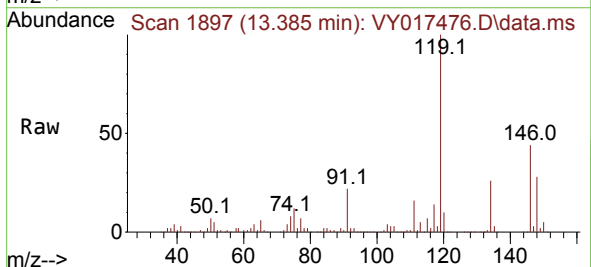
Tgt Ion:119 Resp: 337161

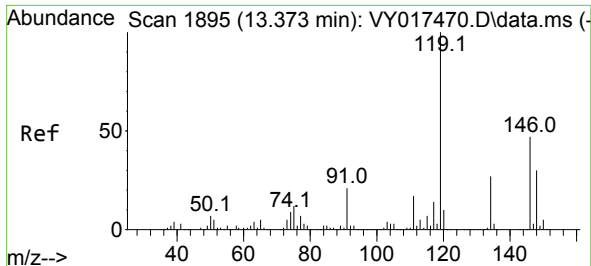
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.090 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

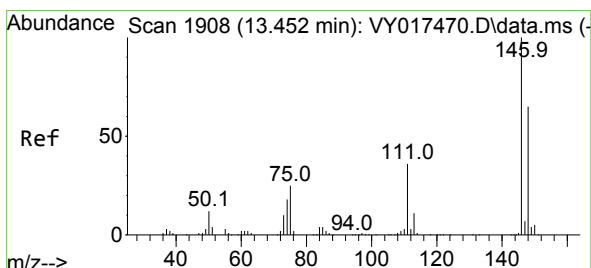
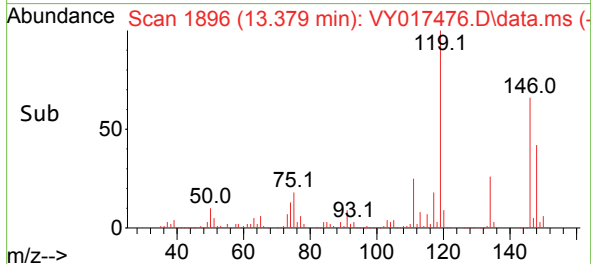
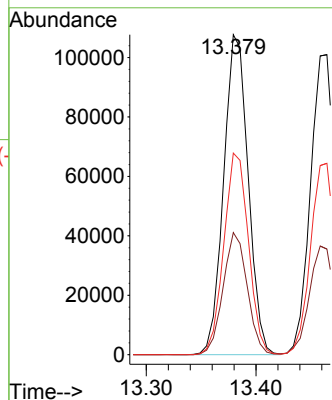
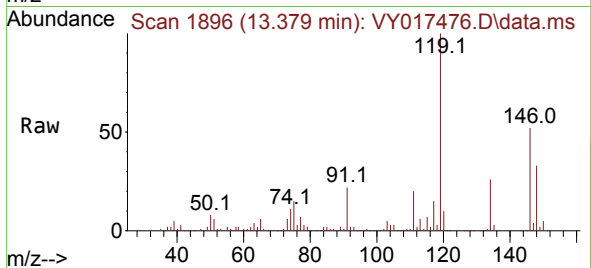
Tgt Ion:146 Resp: 167390

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 45.885 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

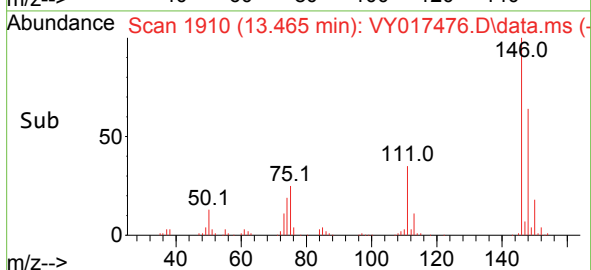
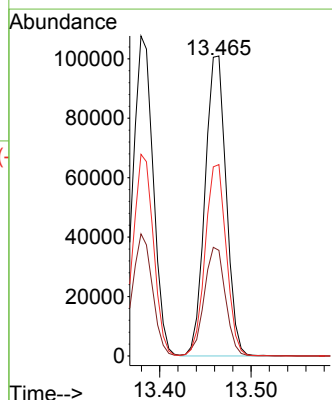
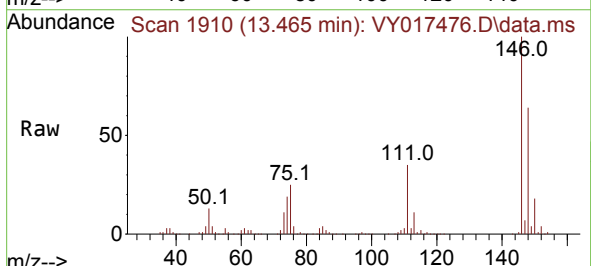
Tgt Ion:146 Resp: 162013

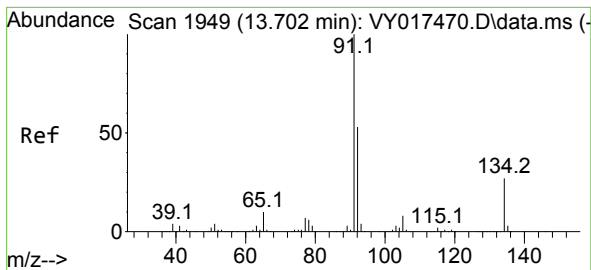
Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 52.028 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

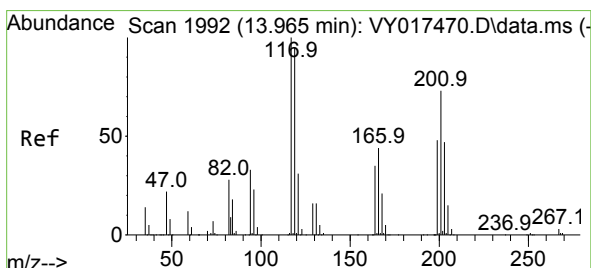
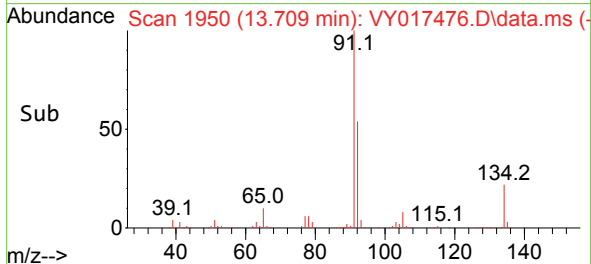
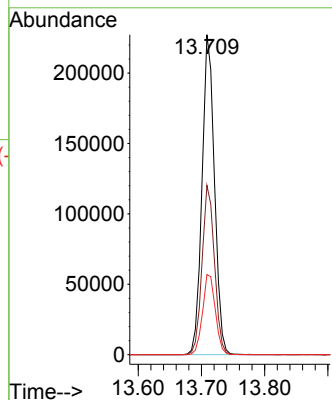
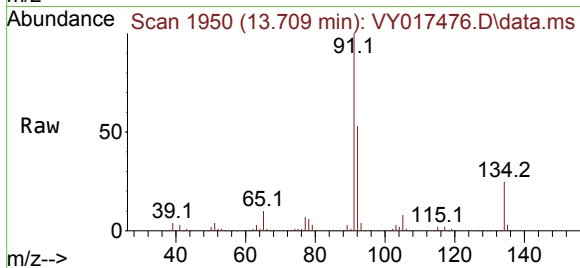
Tgt Ion: 91 Resp: 312277

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 46.664 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017476.D

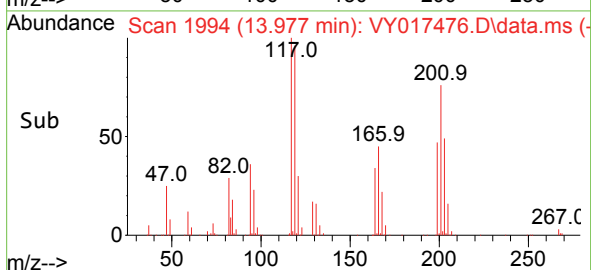
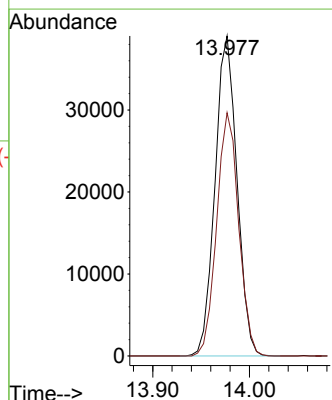
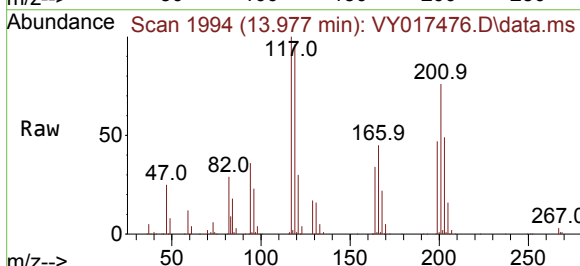
Acq: 26 Feb 2024 09:54

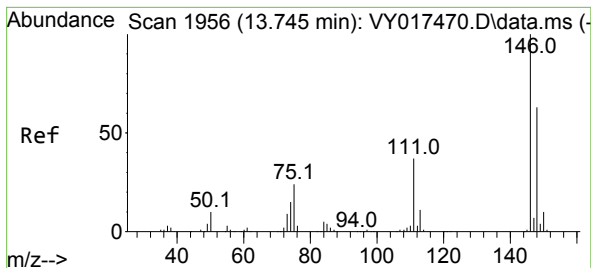
Tgt Ion: 117 Resp: 61545

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 45.417 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

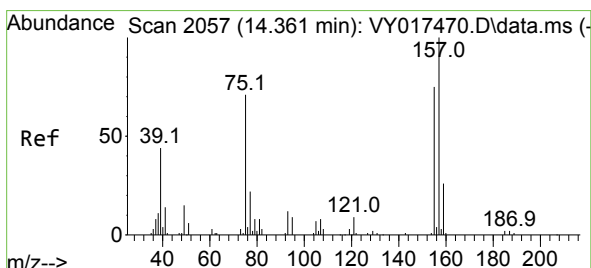
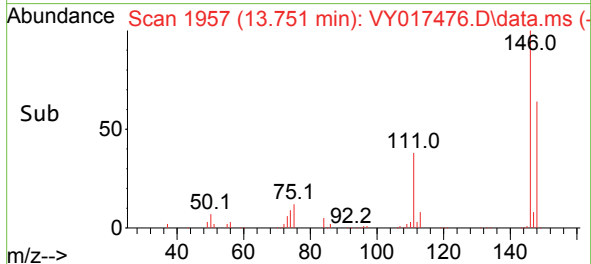
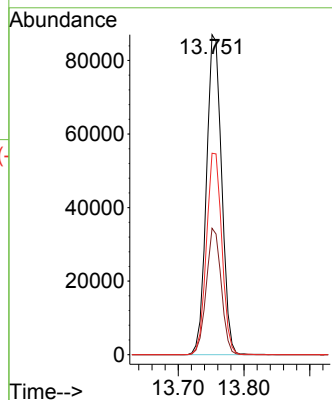
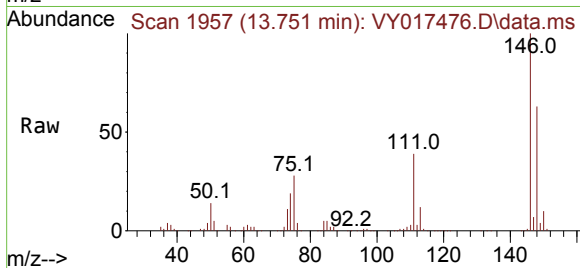
Tgt Ion:146 Resp: 139522

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.697 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

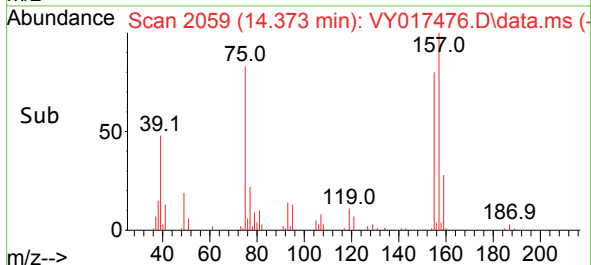
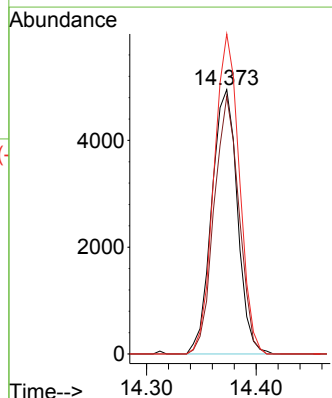
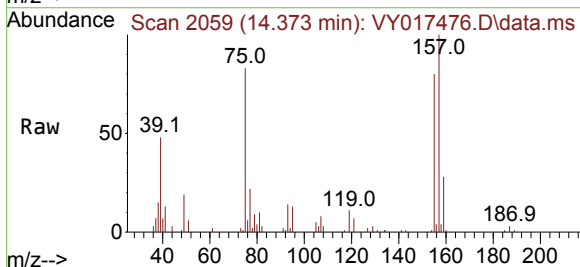
Tgt Ion: 75 Resp: 8062

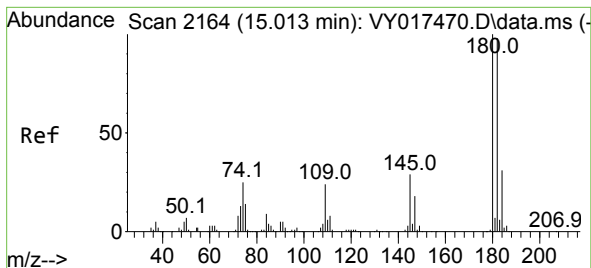
Ion Ratio Lower Upper

75 100

155 94.2 48.6 145.8

157 119.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 46.034 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

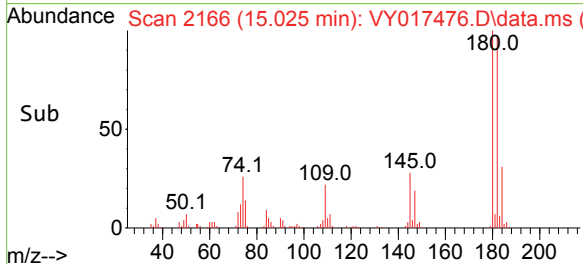
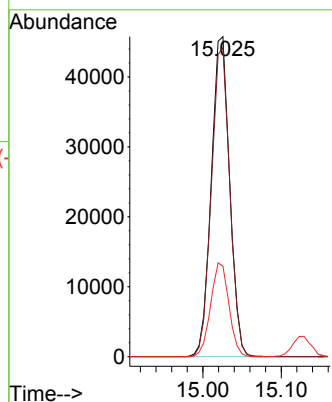
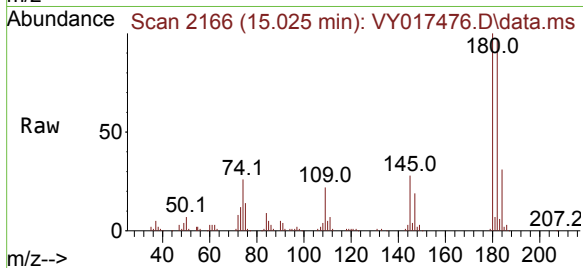
Tgt Ion:180 Resp: 74697

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.504 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

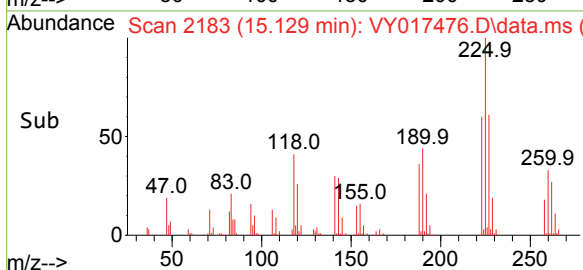
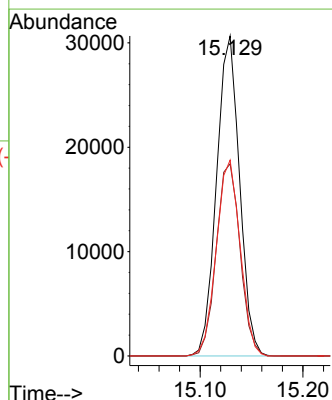
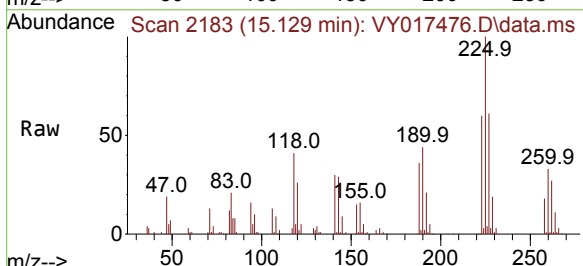
Tgt Ion:225 Resp: 47591

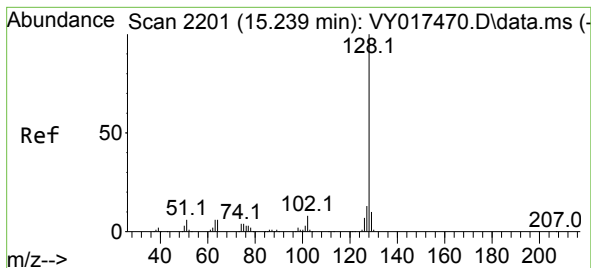
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 41.274 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

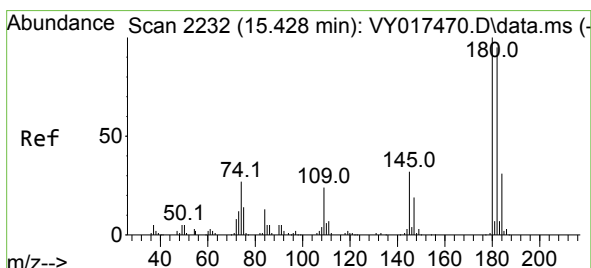
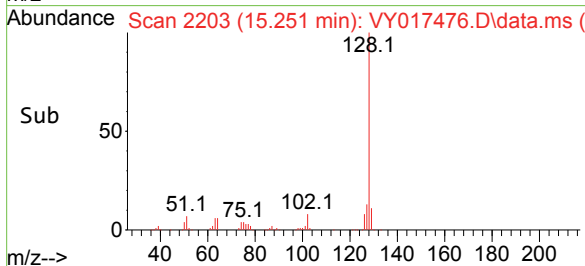
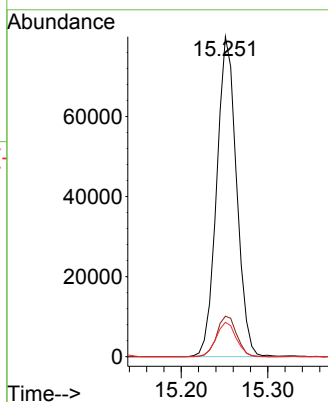
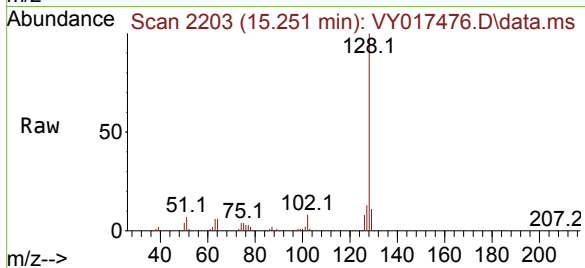
Tgt Ion:128 Resp: 127439

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.818 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017476.D

Acq: 26 Feb 2024 09:54

Tgt Ion:180 Resp: 62388

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 30.7 15.4 46.1

