

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017450.D
 Acq On : 21 Feb 2024 20:00
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 22 03:43:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	160054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	255210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	231016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	60428	44.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.380%
35) Dibromofluoromethane	7.728	113	69643	46.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.191	98	264932	45.726	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.489	95	83171	43.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58674	45.973	ug/l	96
3) Chloromethane	2.119	50	101614	39.012	ug/l	95
4) Vinyl Chloride	2.253	62	126583	37.326	ug/l	99
5) Bromomethane	2.655	94	109164	43.397	ug/l	99
6) Chloroethane	2.796	64	81294	37.630	ug/l	100
7) Trichlorofluoromethane	3.131	101	129714	44.599	ug/l	96
8) Diethyl Ether	3.533	74	42688	51.929	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	76316	45.397	ug/l	97
10) Methyl Iodide	4.094	142	87267	48.779	ug/l	99
11) Tert butyl alcohol	4.960	59	24900	234.209	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	75597	47.843	ug/l	98
13) Acrolein	3.734	56	35498	249.511	ug/l	100
14) Allyl chloride	4.490	41	92021	48.048	ug/l	96
15) Acrylonitrile	5.173	53	87357	267.295	ug/l	99
16) Acetone	3.948	43	70442	237.882	ug/l	96
17) Carbon Disulfide	4.198	76	238107	47.433	ug/l	98
18) Methyl Acetate	4.490	43	38259	56.976	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	183762	51.486	ug/l	97
20) Methylene Chloride	4.722	84	91891	50.576	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	91069	49.831	ug/l	96
22) Diisopropyl ether	6.130	45	222171	50.437	ug/l	98
23) Vinyl Acetate	6.069	43	655821	250.519	ug/l	100
24) 1,1-Dichloroethane	6.027	63	144892	48.517	ug/l	99
25) 2-Butanone	6.996	43	104696	251.876	ug/l	100
26) 2,2-Dichloropropane	6.990	77	113334	44.104	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	104812	51.635	ug/l	95
28) Bromochloromethane	7.344	49	57079	50.941	ug/l	92
29) Tetrahydrofuran	7.356	42	65674	268.768	ug/l	98
30) Chloroform	7.514	83	158235	50.193	ug/l	96
31) Cyclohexane	7.795	56	117718	43.489	ug/l	98
32) 1,1,1-Trichloroethane	7.715	97	130055	46.707	ug/l	98
36) 1,1-Dichloropropene	7.929	75	116929	46.865	ug/l	100
37) Ethyl Acetate	7.088	43	46627	51.323	ug/l #	98
38) Carbon Tetrachloride	7.917	117	116709	46.982	ug/l	100
39) Methylcyclohexane	9.191	83	143341	46.934	ug/l	98
40) Benzene	8.173	78	360951	49.515	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	61195	137.926	ug/l	# 15
42) 1,2-Dichloroethane	8.246	62	87421	49.405	ug/l	98
43) Isopropyl Acetate	8.282	43	83051	50.586	ug/l	99
44) Trichloroethene	8.953	130	99918	50.568	ug/l	99
45) 1,2-Dichloropropane	9.227	63	84460	50.122	ug/l	98
46) Dibromomethane	9.313	93	49281	51.454	ug/l	96
47) Bromodichloromethane	9.508	83	119840	50.890	ug/l	95
48) Methyl methacrylate	9.301	41	39784	51.648	ug/l	95
49) 1,4-Dioxane	9.307	88	11079	1105.976	ug/l	# 92
51) 4-Methyl-2-Pentanone	10.081	43	235999	266.777	ug/l	99
52) Toluene	10.252	92	228351	50.177	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	111858	51.299	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	135083	50.495	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	70007	53.124	ug/l	97
56) Ethyl methacrylate	10.520	69	82539	49.666	ug/l	98
57) 1,3-Dichloropropane	10.800	76	113906	52.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	194590	247.131	ug/l	98
59) 2-Hexanone	10.843	43	161519	265.079	ug/l	97
60) Dibromochloromethane	10.995	129	84811	54.140	ug/l	99
61) 1,2-Dibromoethane	11.099	107	65891	53.444	ug/l	99
64) Tetrachloroethene	10.727	164	95012	51.390	ug/l	97
65) Chlorobenzene	11.526	112	245558	49.341	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	92618	49.975	ug/l	99
67) Ethyl Benzene	11.605	91	434696	48.837	ug/l	98
68) m/p-Xylenes	11.715	106	346382	98.993	ug/l	98
69) o-Xylene	12.038	106	162643	50.667	ug/l	97
70) Styrene	12.050	104	271972	51.585	ug/l	98
71) Bromoform	12.221	173	52702	54.656	ug/l	# 97
73) Isopropylbenzene	12.337	105	412487	47.548	ug/l	99
74) N-amyl acetate	12.154	43	72072	47.714	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	76917	49.609	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	91071	83.634	ug/l	# 100
77) Bromobenzene	12.617	156	101088	49.685	ug/l	95
78) n-propylbenzene	12.678	91	496992	47.364	ug/l	99
79) 2-Chlorotoluene	12.763	91	274024	47.428	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	335090	48.292	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	22682	48.565	ug/l	97
82) 4-Chlorotoluene	12.861	91	281268	47.175	ug/l	97
83) tert-Butylbenzene	13.086	119	297634	49.121	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	334897	48.718	ug/l	99
85) sec-Butylbenzene	13.263	105	440997	47.386	ug/l	99
86) p-Isopropyltoluene	13.379	119	364372	47.536	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	200452	48.786	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	195197	49.201	ug/l	98
89) n-Butylbenzene	13.702	91	327575	46.988	ug/l	99
90) Hexachloroethane	13.970	117	70977	47.256	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	171025	49.451	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9221	47.052	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	93054	51.458	ug/l	98
94) Hexachlorobutadiene	15.123	225	52712	47.927	ug/l	98
95) Naphthalene	15.245	128	159240	47.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	77858	51.213	ug/l	100

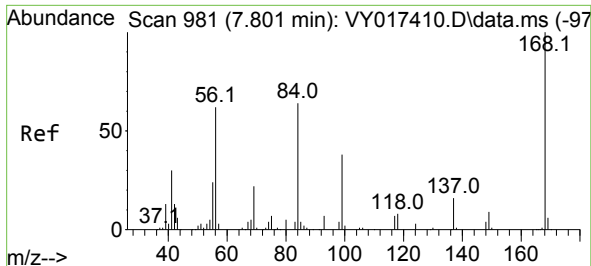
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Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

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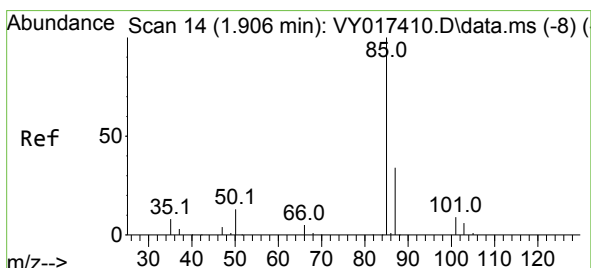
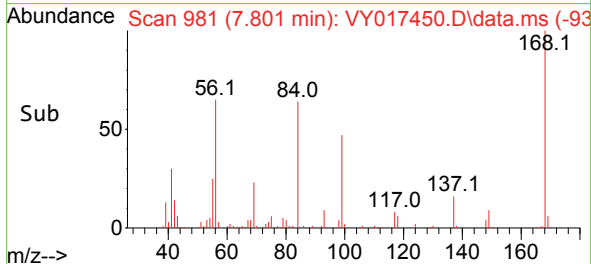
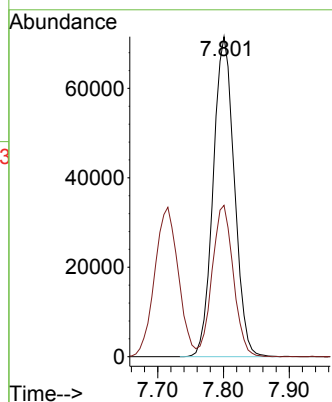
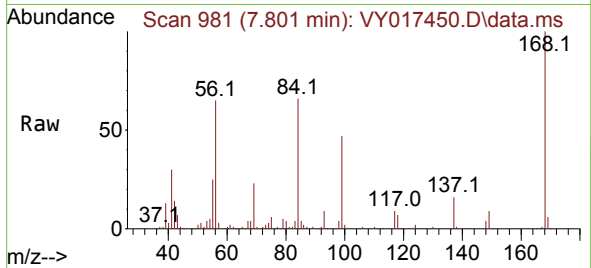
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

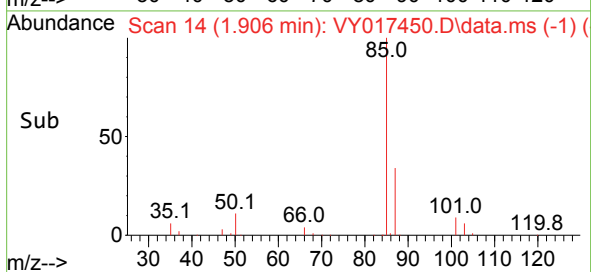
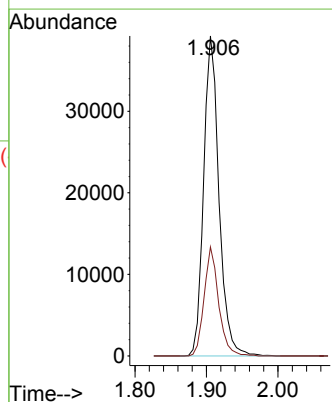
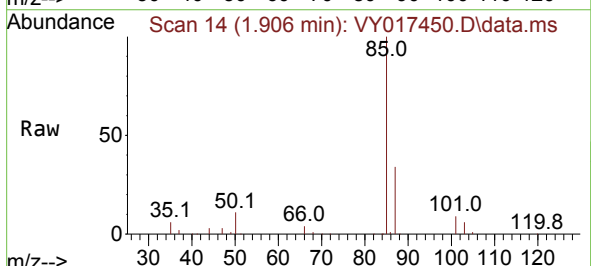
Instrument :
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ClientSampleId :
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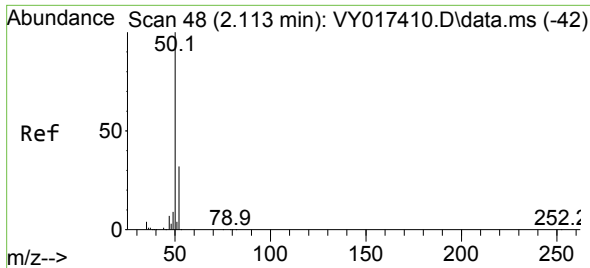
Tgt Ion:168 Resp: 160054
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.973 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 85 Resp: 58674
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0

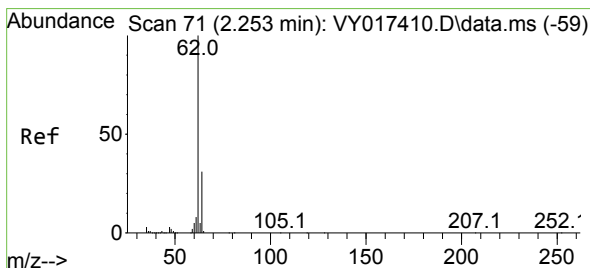
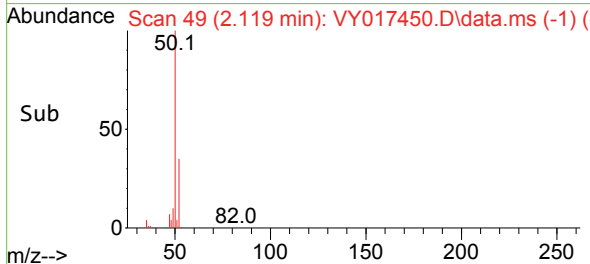
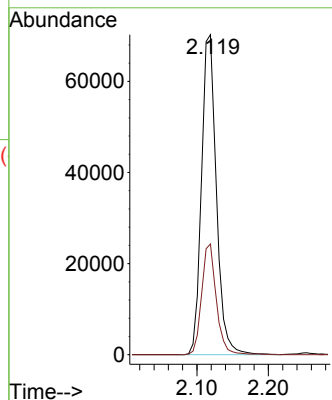
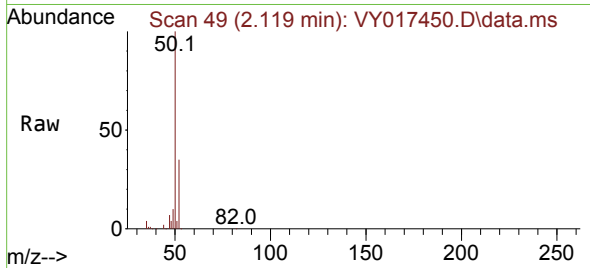




#3
Chloromethane
Concen: 39.012 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

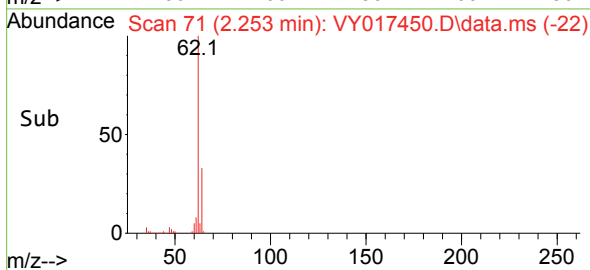
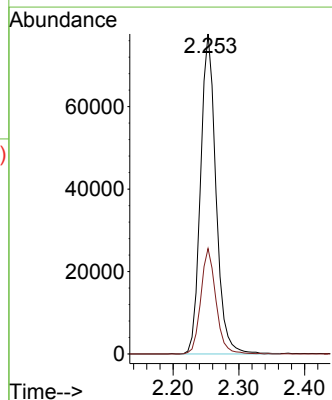
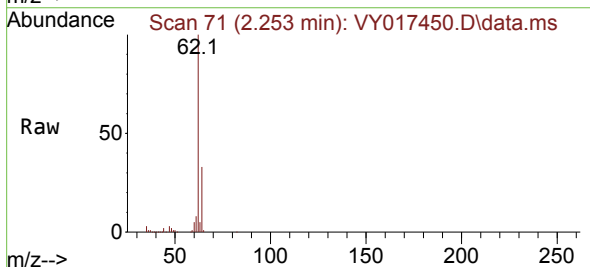
Instrument :
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ClientSampleId :
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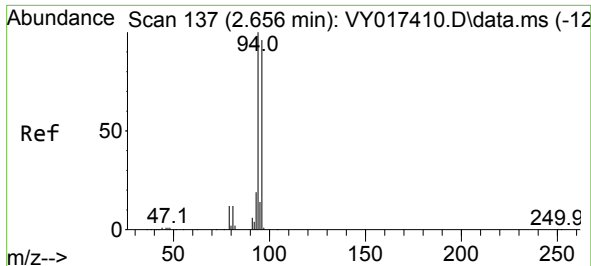
Tgt Ion: 50 Resp: 101614
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4



#4
Vinyl Chloride
Concen: 37.326 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 62 Resp: 126583
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

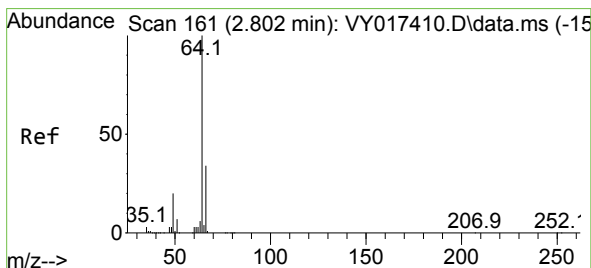
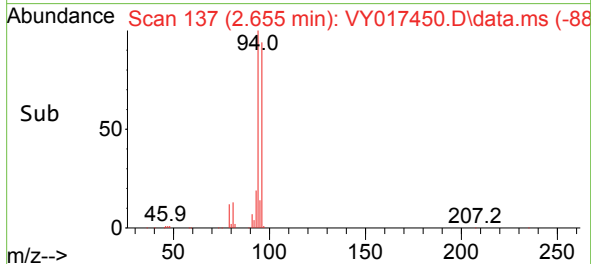
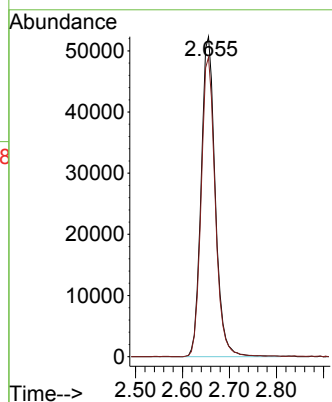
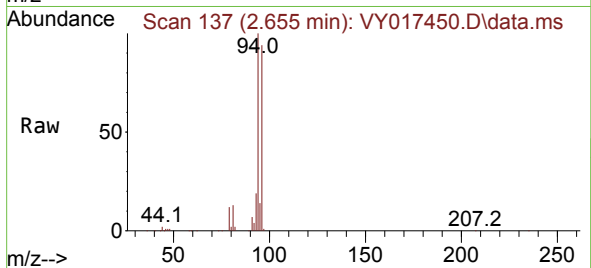




#5
Bromomethane
Concen: 43.397 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

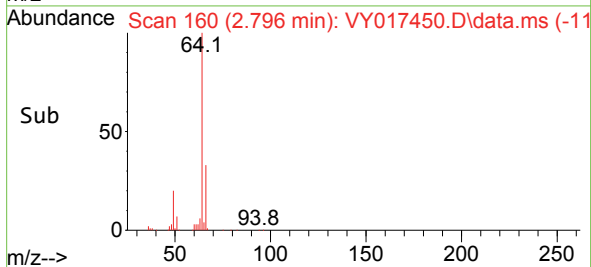
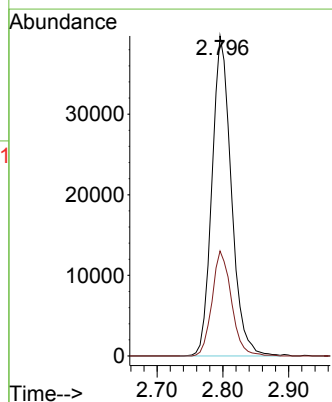
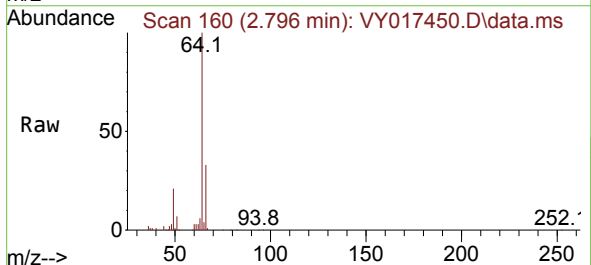
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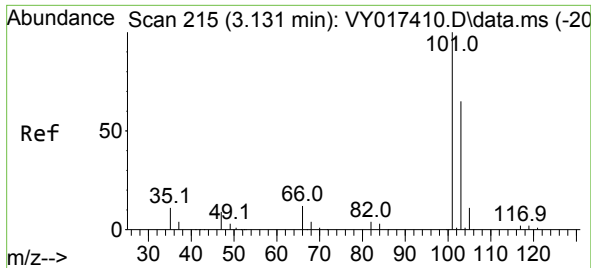
Tgt Ion: 94 Resp: 109164
Ion Ratio Lower Upper
94 100
96 93.5 74.1 111.1



#6
Chloroethane
Concen: 37.630 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 64 Resp: 81294
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1

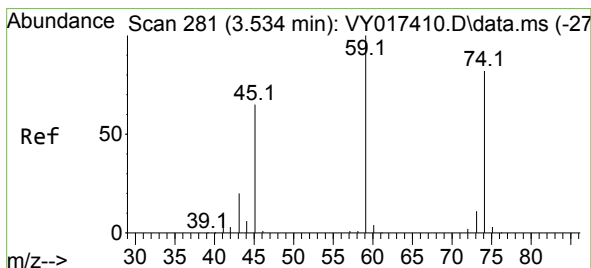
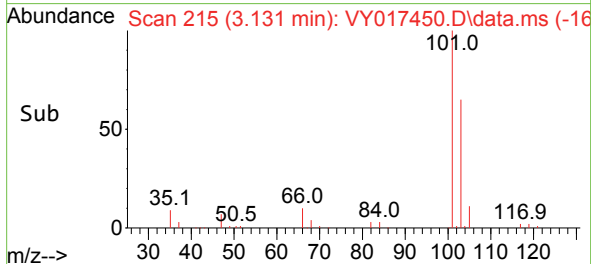
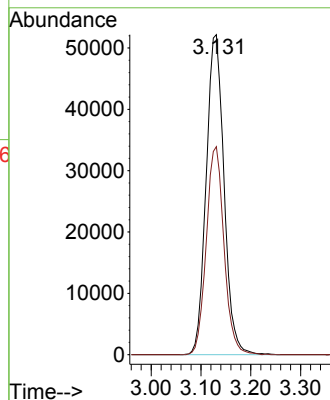
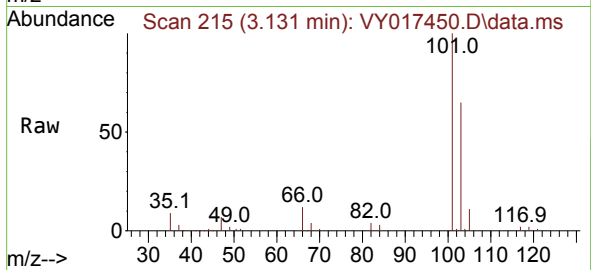




#7
Trichlorofluoromethane
Concen: 44.599 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

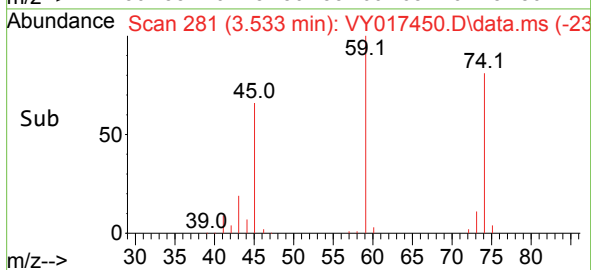
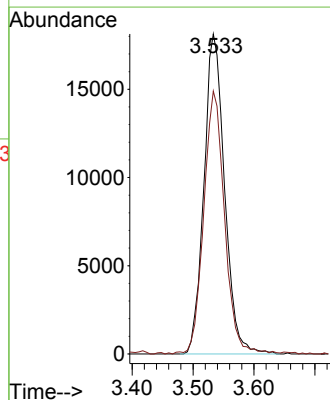
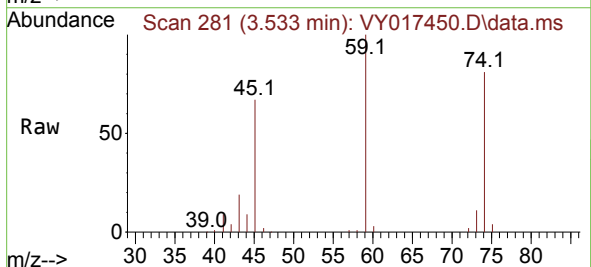
Instrument :
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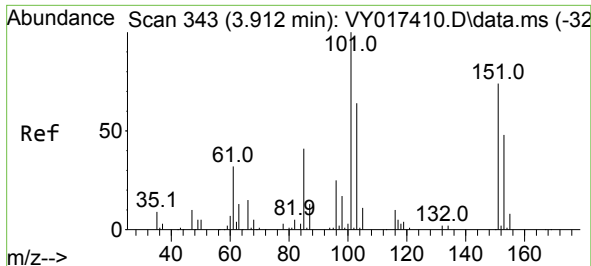
Tgt Ion:101 Resp: 129714
Ion Ratio Lower Upper
101 100
103 65.0 49.3 73.9



#8
Diethyl Ether
Concen: 51.929 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 74 Resp: 42688
Ion Ratio Lower Upper
74 100
45 83.0 41.3 124.1

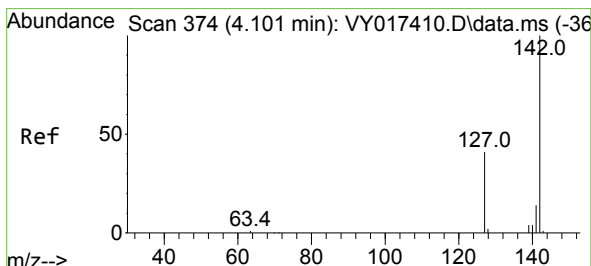
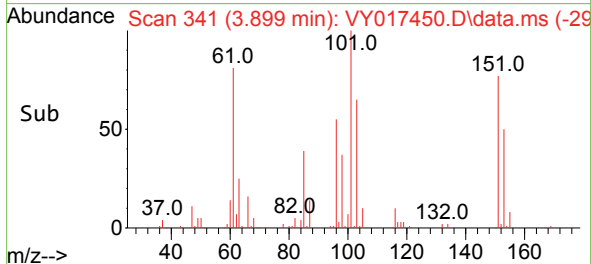
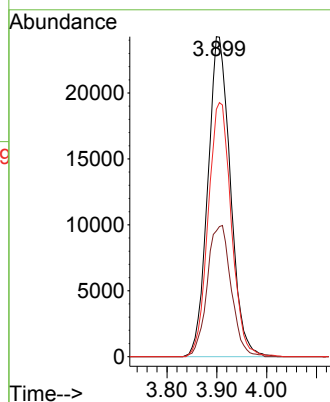
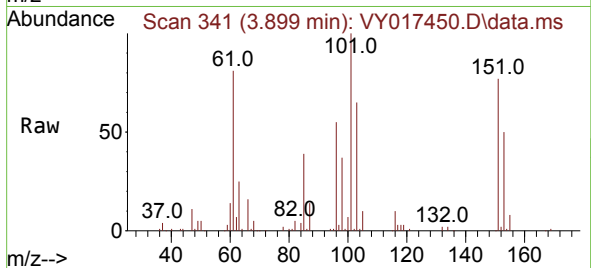




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.397 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

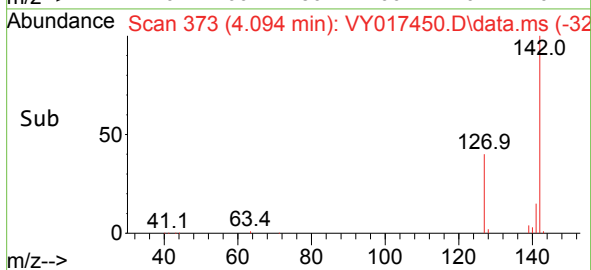
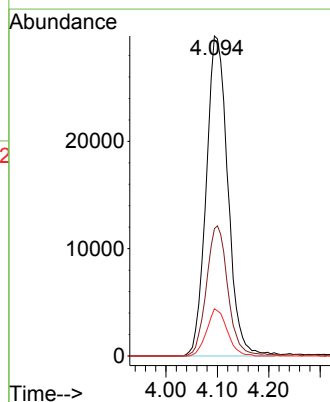
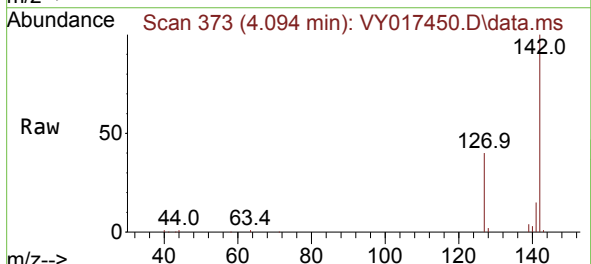
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

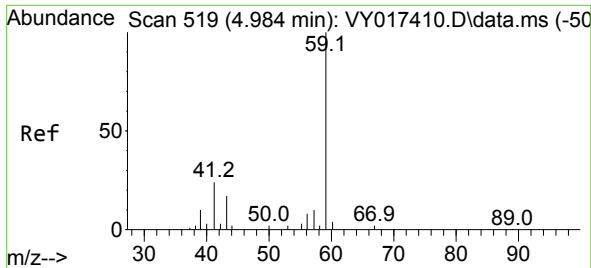
Tgt Ion:101 Resp: 76316
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 81.3 61.7 92.5



#10
Methyl Iodide
Concen: 48.779 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion:142 Resp: 87267
Ion Ratio Lower Upper
142 100
127 40.5 32.8 49.2
141 13.9 11.4 17.2

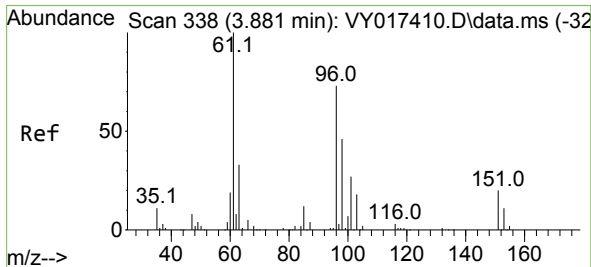
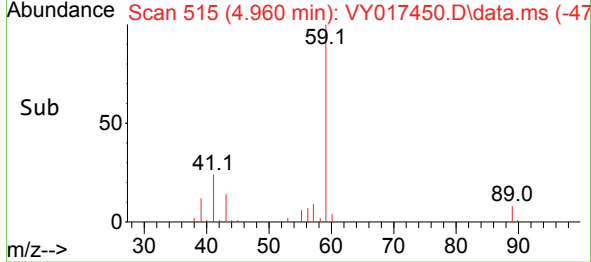
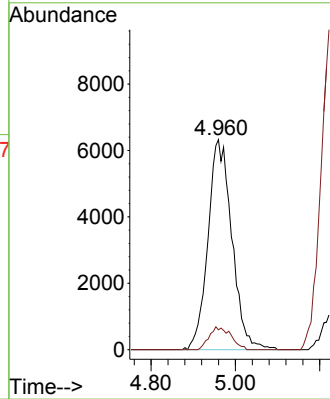
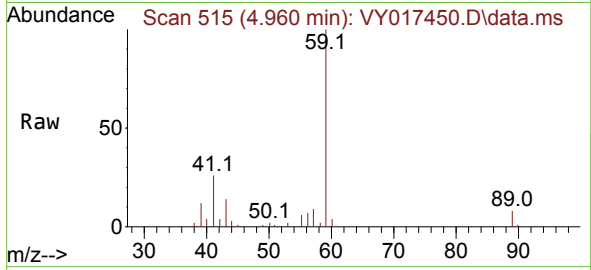




#11
Tert butyl alcohol
Concen: 234.209 ug/l
RT: 4.960 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

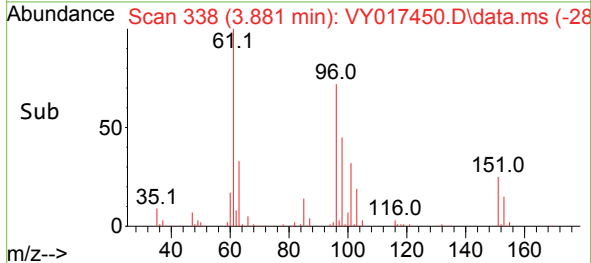
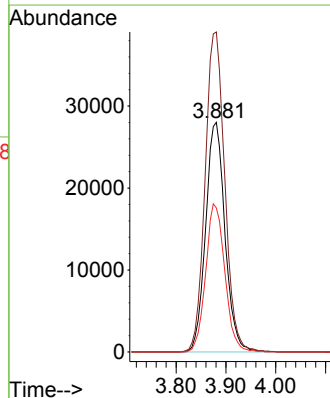
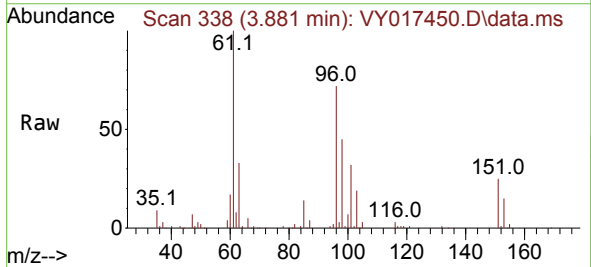
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

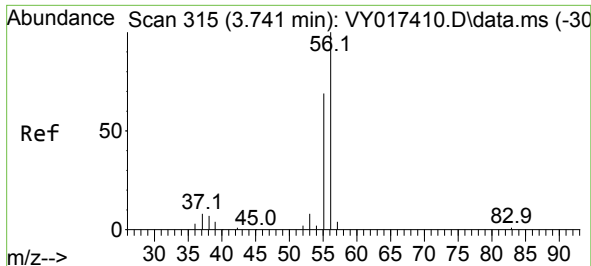
Tgt Ion: 59 Resp: 24900
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.843 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 96 Resp: 75597
Ion Ratio Lower Upper
96 100
61 139.4 114.6 171.8
98 62.7 50.8 76.2

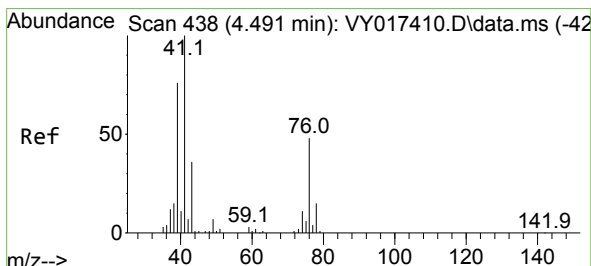
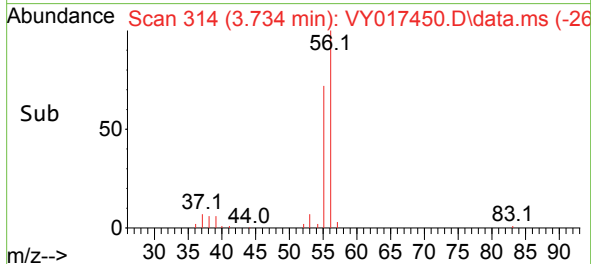
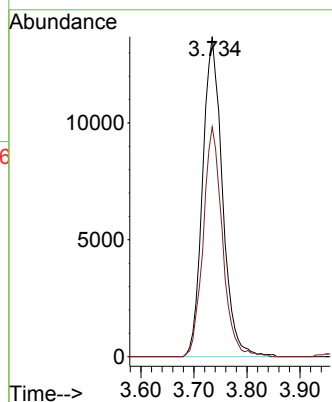
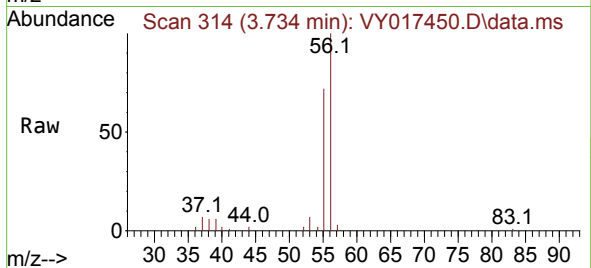




#13
Acrolein
Concen: 249.511 ug/l
RT: 3.734 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

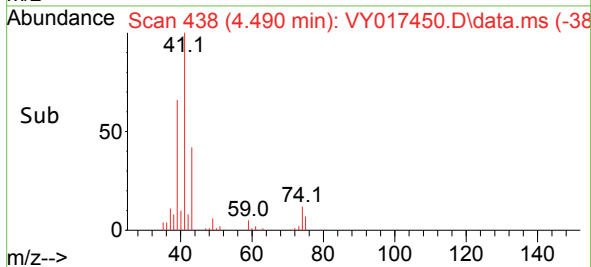
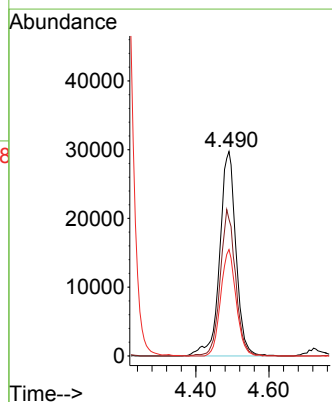
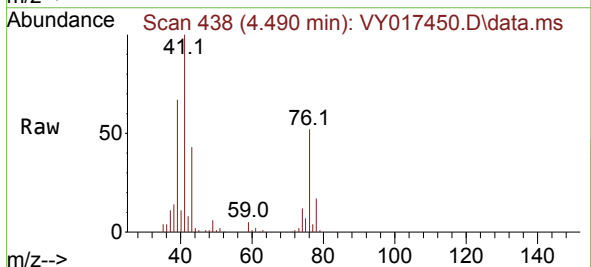
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

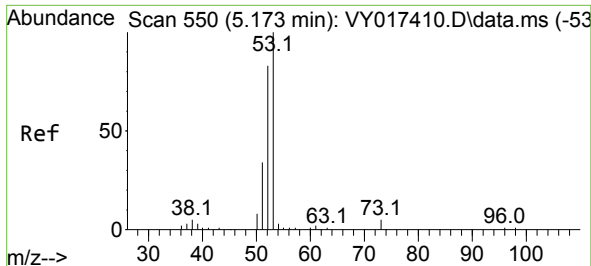
Tgt Ion: 56 Resp: 35498
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 48.048 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 41 Resp: 92021
Ion Ratio Lower Upper
41 100
39 67.7 58.3 87.5
76 49.4 39.0 58.6

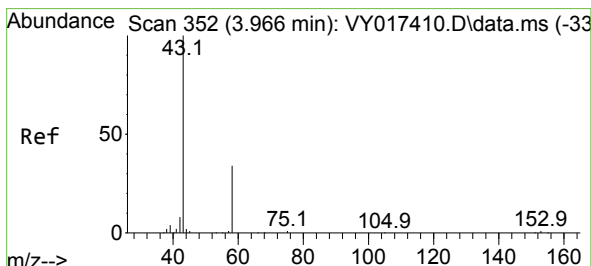
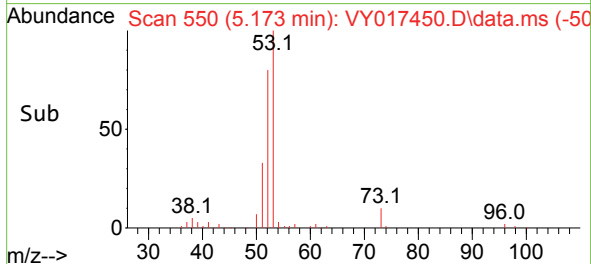
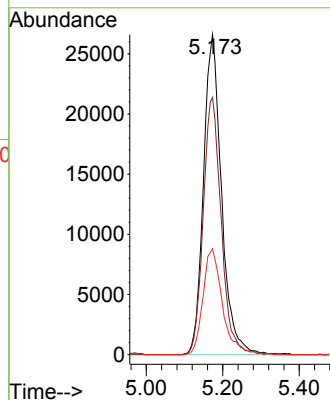
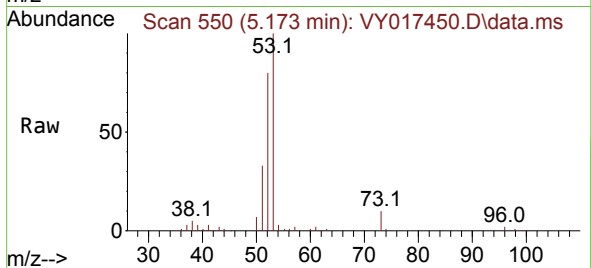




#15
Acrylonitrile
Concen: 267.295 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

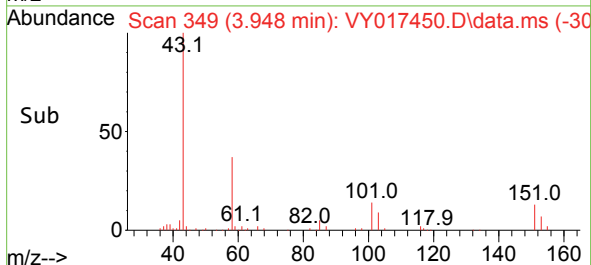
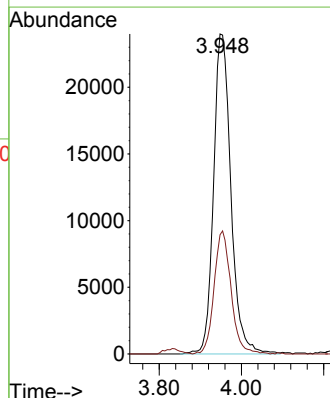
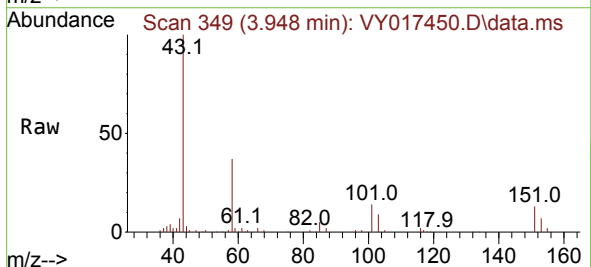
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

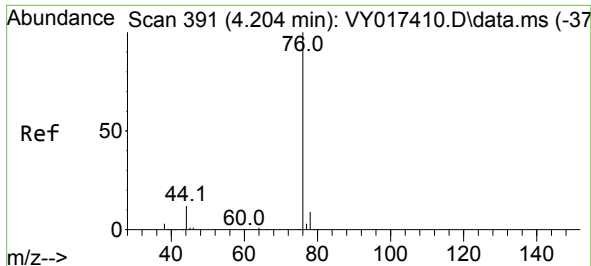
Tgt Ion: 53 Resp: 87357
Ion Ratio Lower Upper
53 100
52 80.2 64.7 97.1
51 35.5 28.4 42.6



#16
Acetone
Concen: 237.882 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.019 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 43 Resp: 70442
Ion Ratio Lower Upper
43 100
58 37.0 31.7 47.5

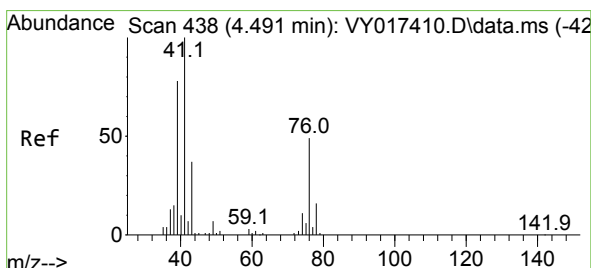
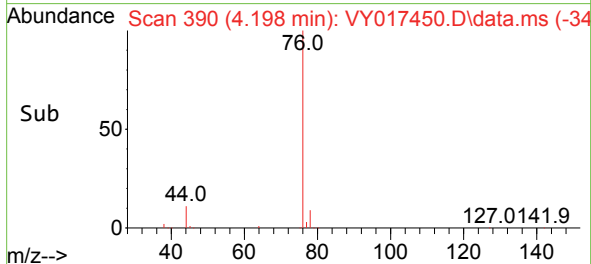
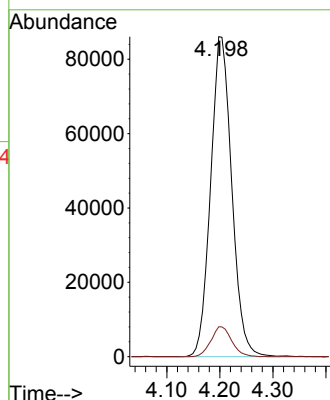
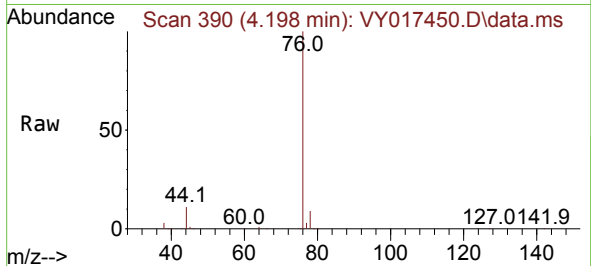




#17
Carbon Disulfide
Concen: 47.433 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

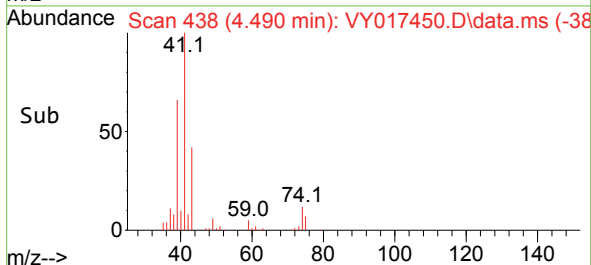
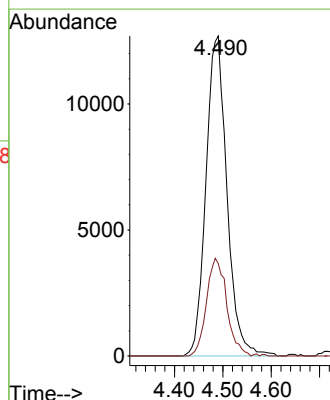
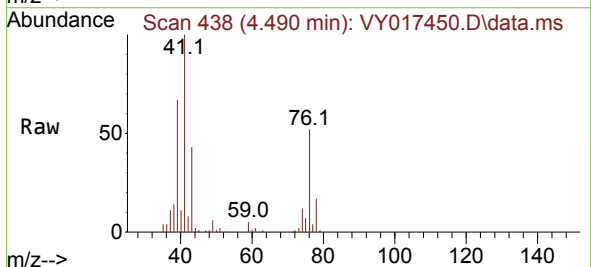
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

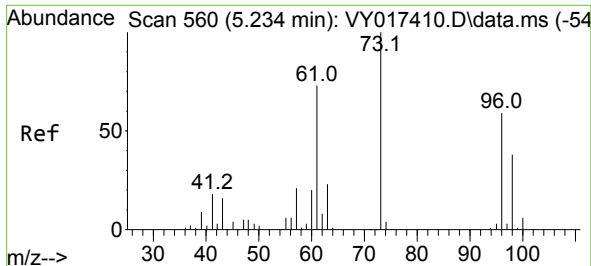
Tgt Ion: 76 Resp: 238107
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 56.976 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 43 Resp: 38259
Ion Ratio Lower Upper
43 100
74 29.5 23.3 34.9

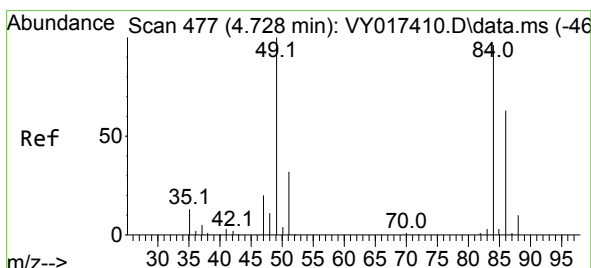
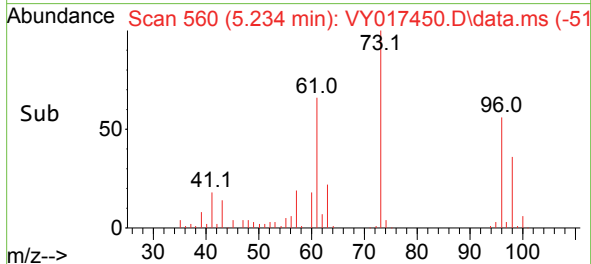
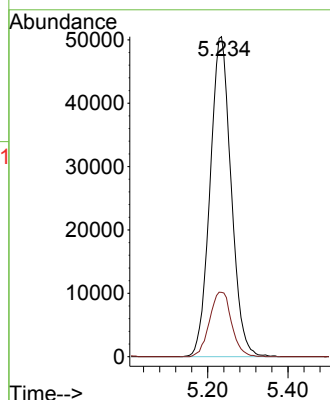
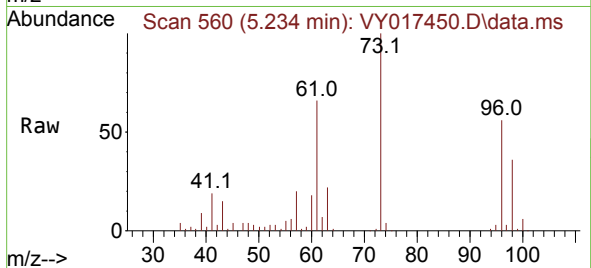




#19
Methyl tert-butyl Ether
Concen: 51.486 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

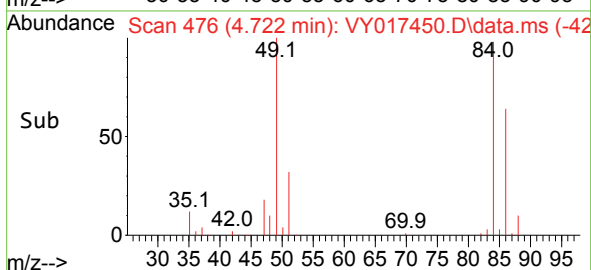
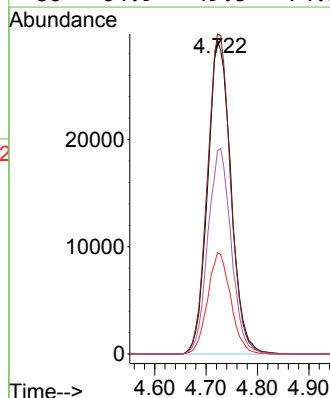
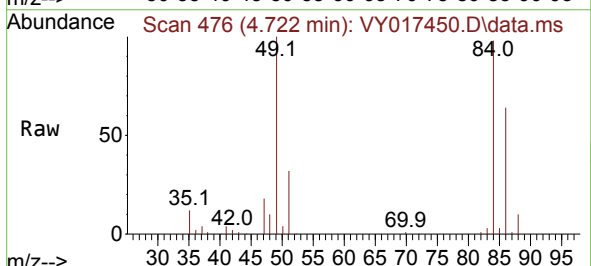
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

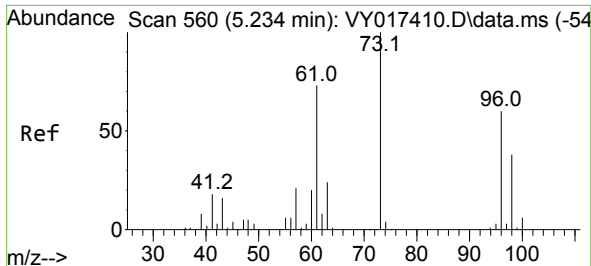
Tgt Ion: 73 Resp: 183762
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 50.576 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 84 Resp: 91891
Ion Ratio Lower Upper
84 100
49 102.1 84.4 126.6
51 32.4 26.0 39.0
86 64.9 49.5 74.3

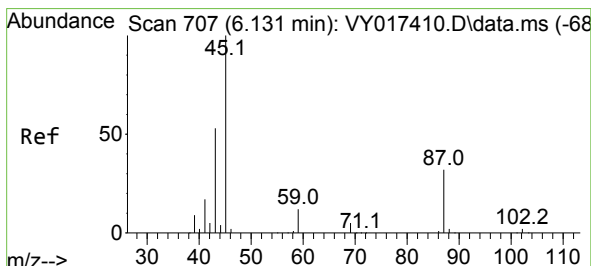
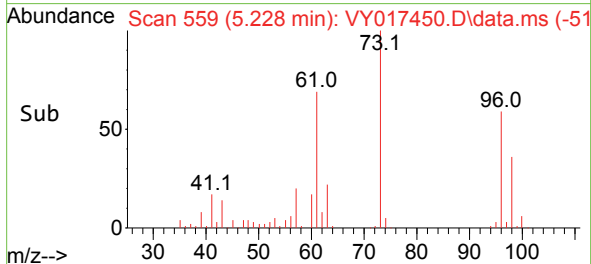
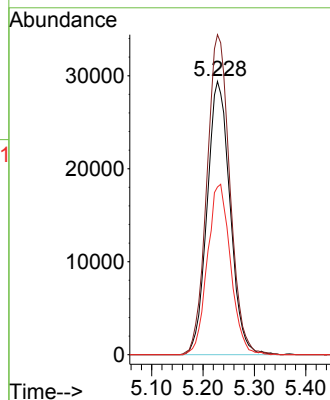
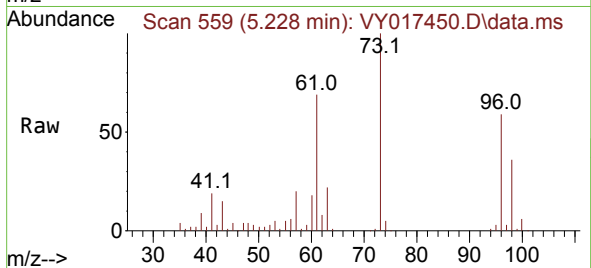




#21
trans-1,2-Dichloroethene
Concen: 49.831 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

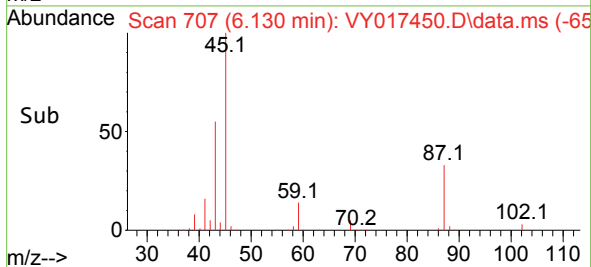
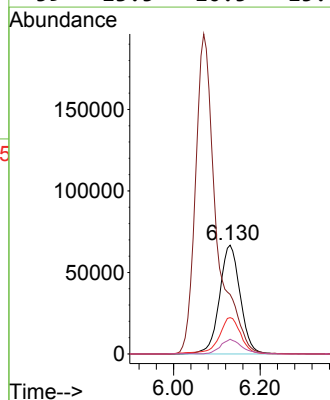
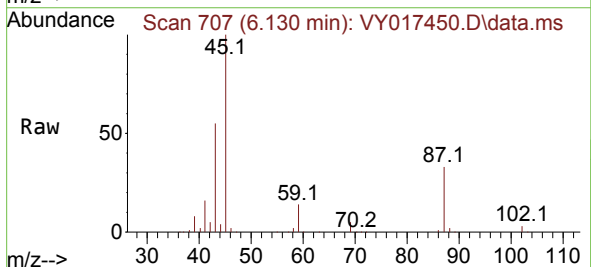
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

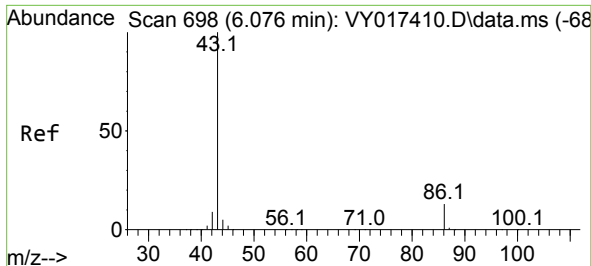
Tgt Ion: 96 Resp: 91069
Ion Ratio Lower Upper
96 100
61 117.1 97.5 146.3
98 61.4 50.5 75.7



#22
Diisopropyl ether
Concen: 50.437 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 45 Resp: 222171
Ion Ratio Lower Upper
45 100
43 54.2 42.2 63.2
87 33.3 25.0 37.6
59 13.5 10.5 15.7

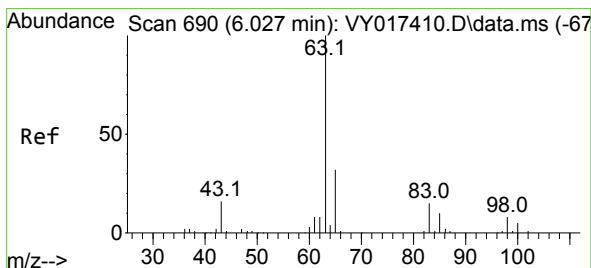
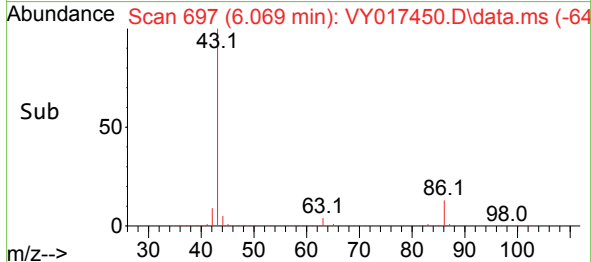
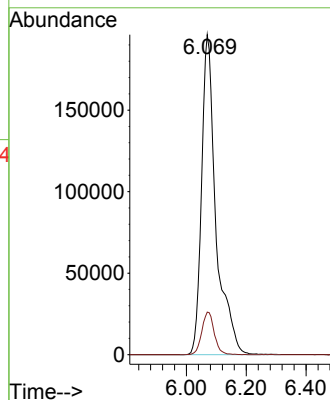
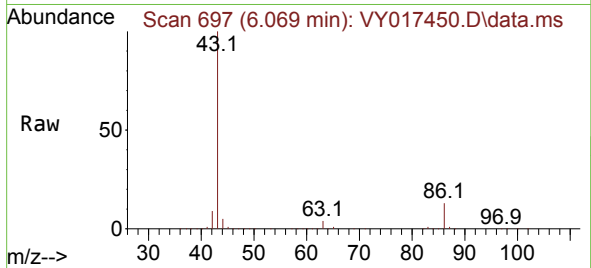




#23
 Vinyl Acetate
 Concen: 250.519 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

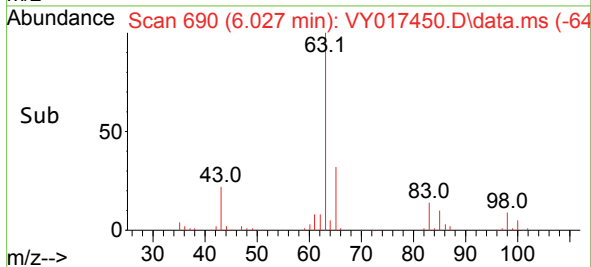
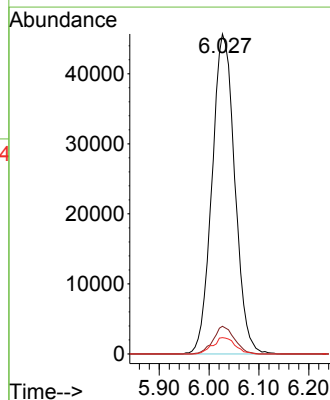
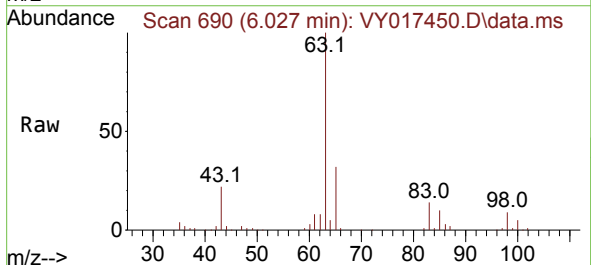
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

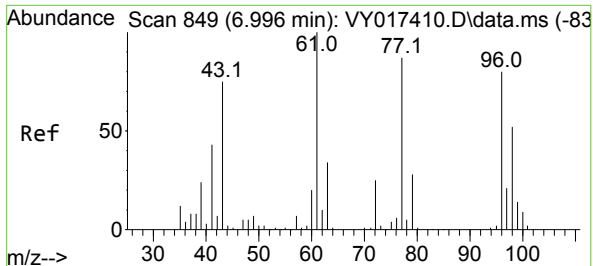
Tgt Ion: 43 Resp: 655821
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.517 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

Tgt Ion: 63 Resp: 144892
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 251.876 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

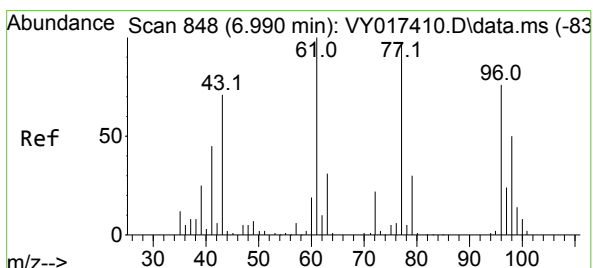
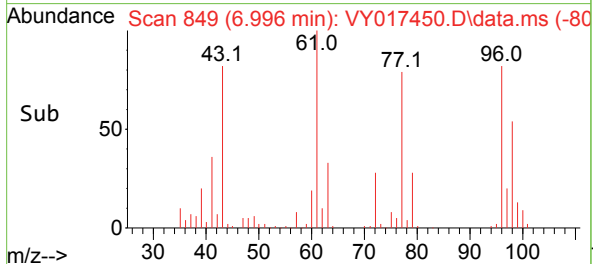
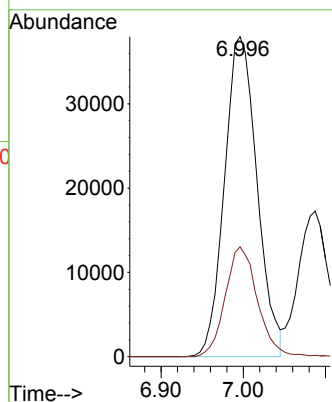
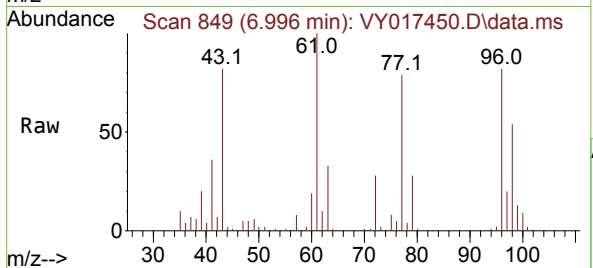
VSTDCCC050EC

Tgt Ion: 43 Resp: 104696

Ion Ratio Lower Upper

43 100

72 34.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 44.104 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY017450.D

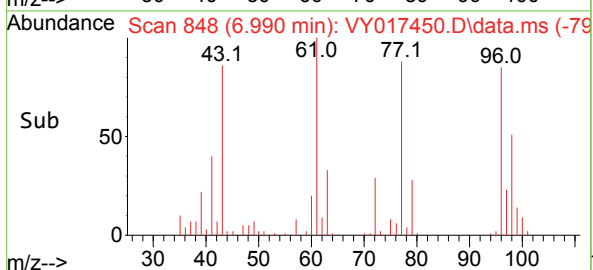
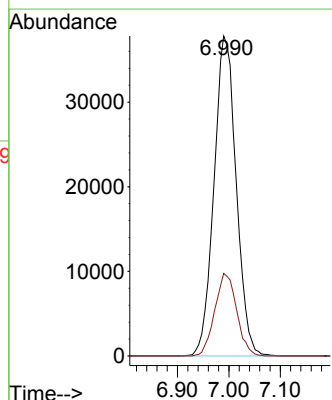
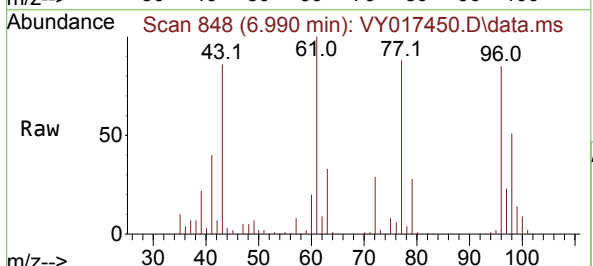
Acq: 21 Feb 2024 20:00

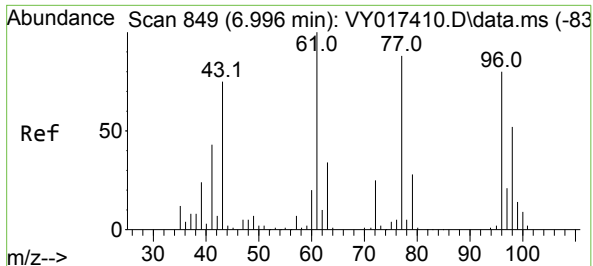
Tgt Ion: 77 Resp: 113334

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1

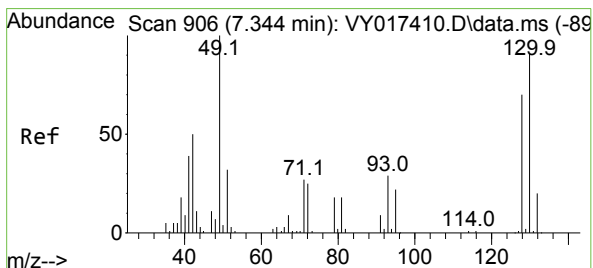
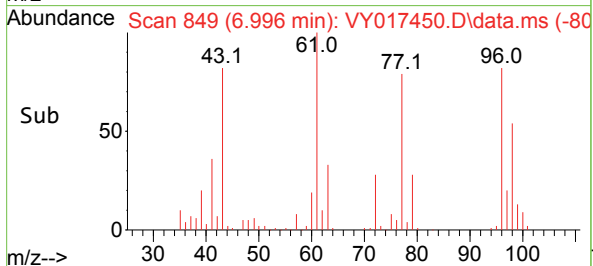
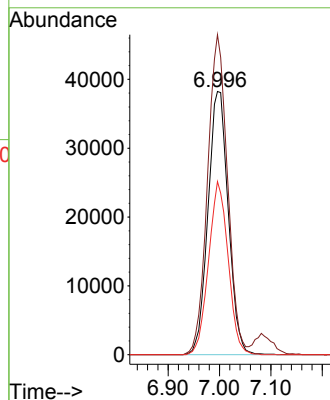
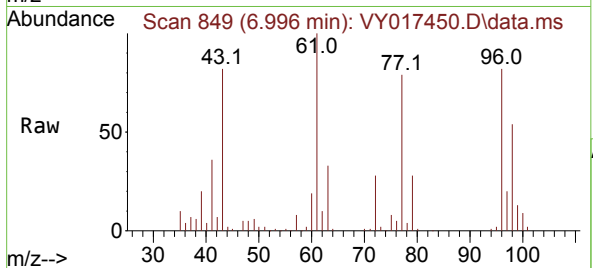




#27
 cis-1,2-Dichloroethene
 Concen: 51.635 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

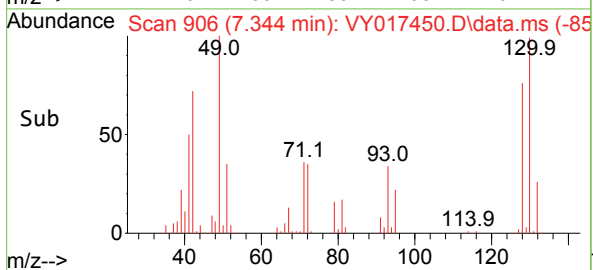
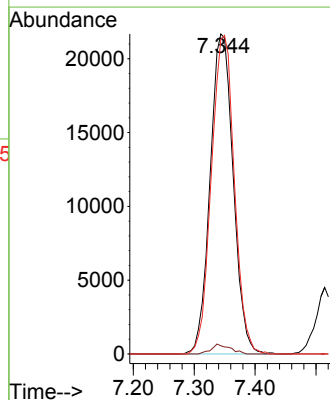
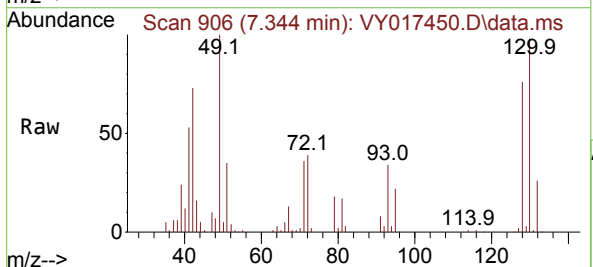
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

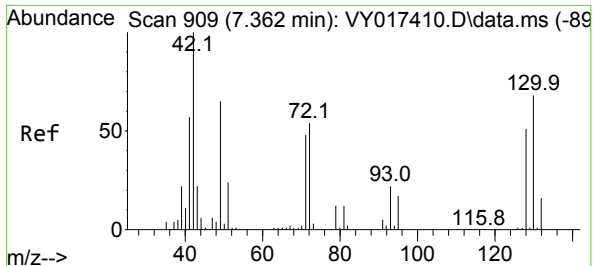
Tgt Ion: 96 Resp: 104812
 Ion Ratio Lower Upper
 96 100
 61 120.0 0.0 256.2
 98 63.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 50.941 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

Tgt Ion: 49 Resp: 57079
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 99.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 268.768 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

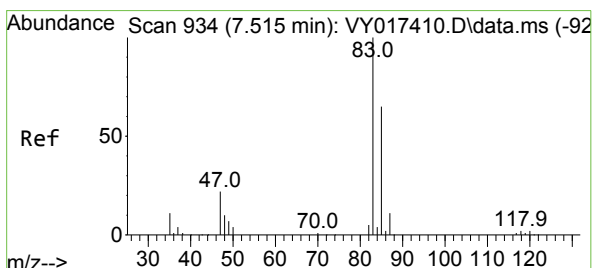
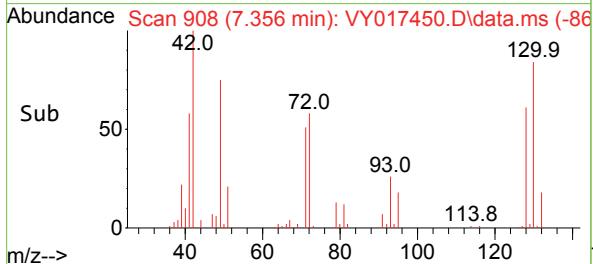
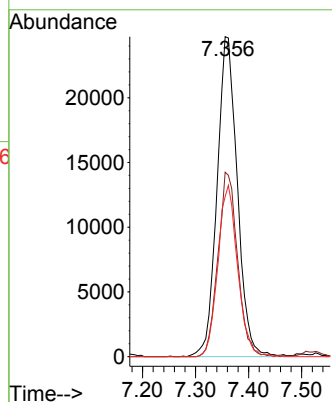
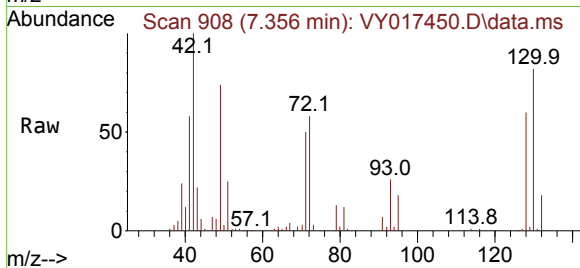
Tgt Ion: 42 Resp: 65674

Ion Ratio Lower Upper

42 100

72 55.8 43.0 64.4

71 52.1 40.8 61.2



#30

Chloroform

Concen: 50.193 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY017450.D

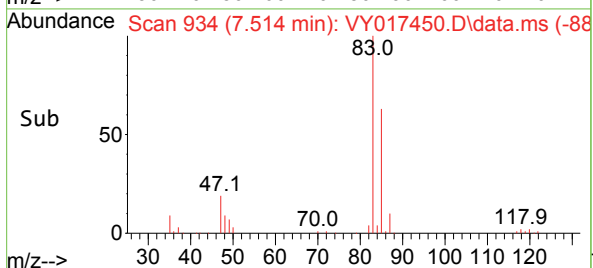
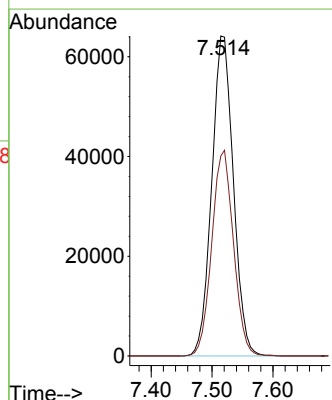
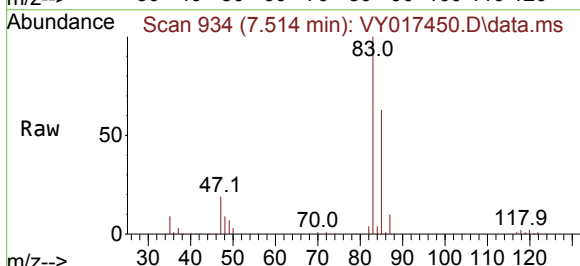
Acq: 21 Feb 2024 20:00

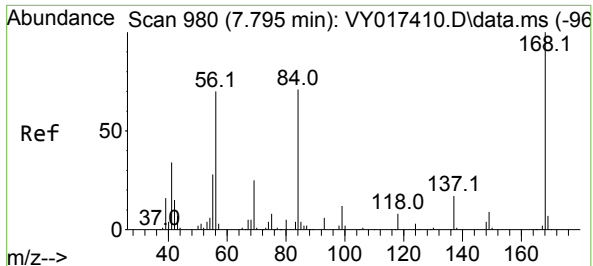
Tgt Ion: 83 Resp: 158235

Ion Ratio Lower Upper

83 100

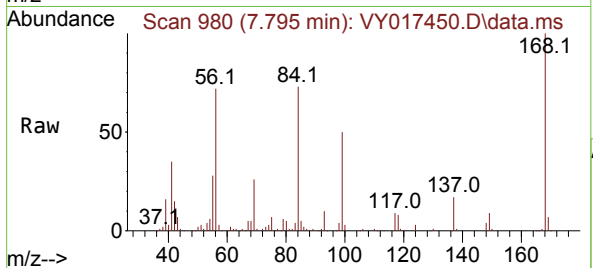
85 62.5 52.2 78.4



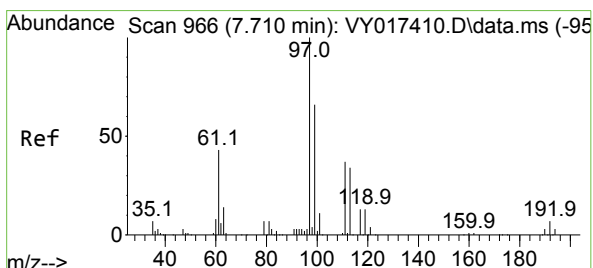
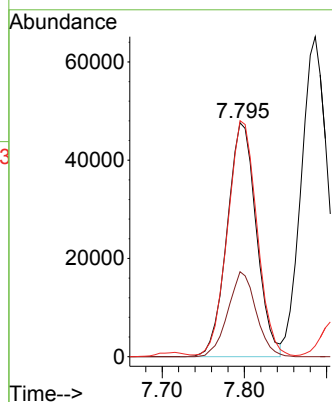
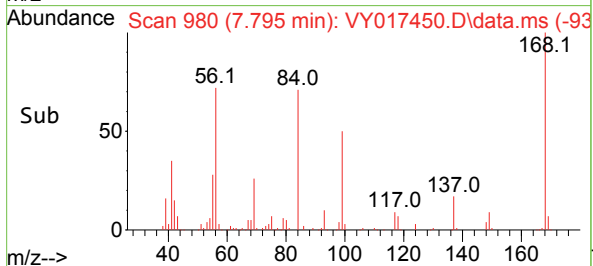


#31
Cyclohexane
Concen: 43.489 ug/l
RT: 7.795 min Scan# 918
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

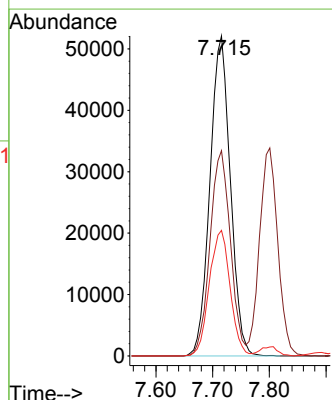
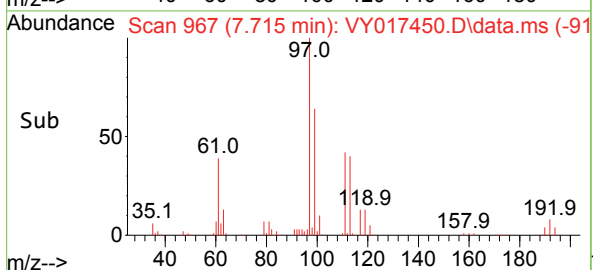
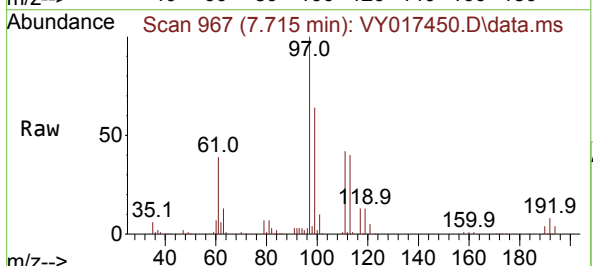


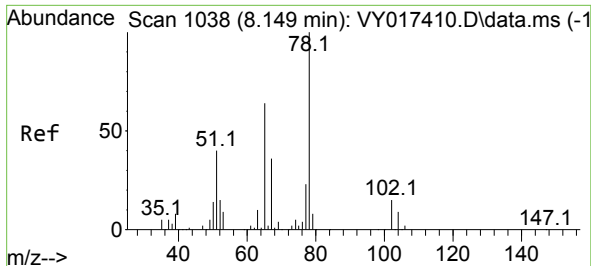
Tgt Ion: 56 Resp: 117718
Ion Ratio Lower Upper
56 100
69 36.3 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 46.707 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 97 Resp: 130055
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 40.1 32.6 48.8

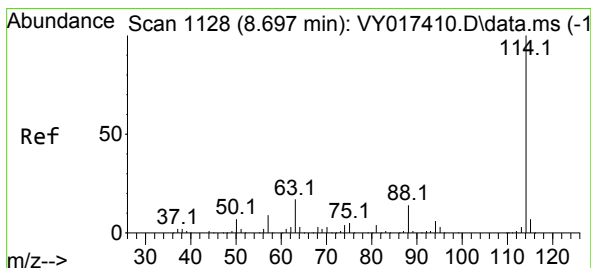
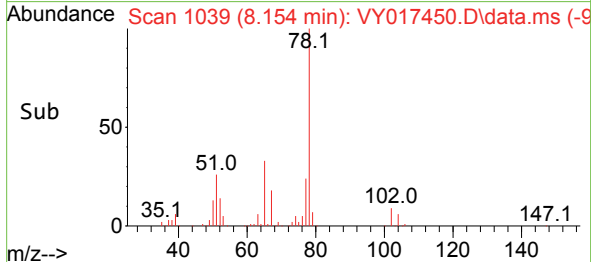
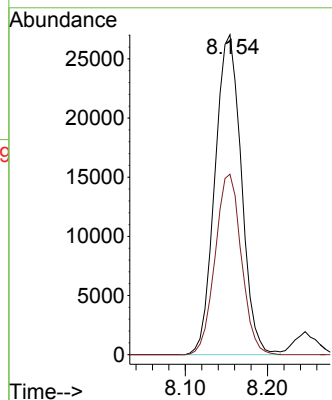
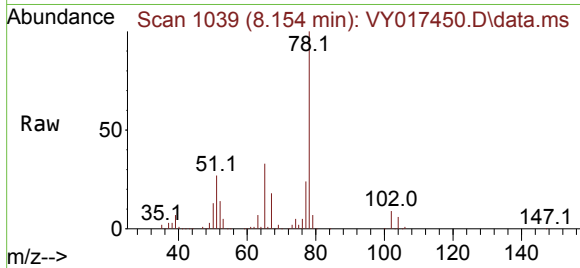




#33
 1,2-Dichloroethane-d4
 Concen: 44.194 ug/l
 RT: 8.154 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

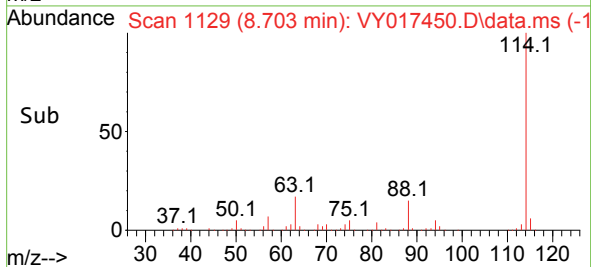
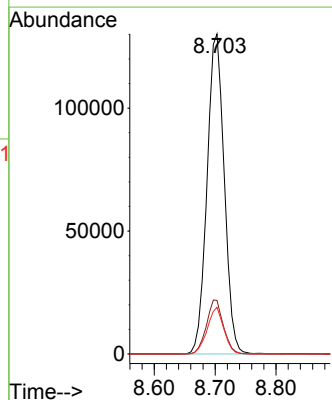
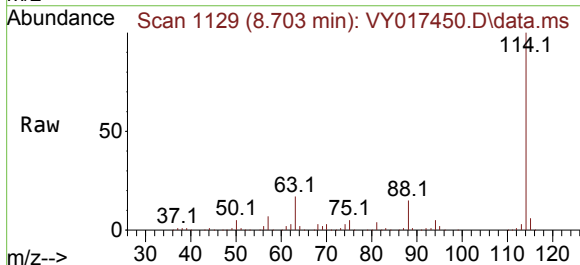
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

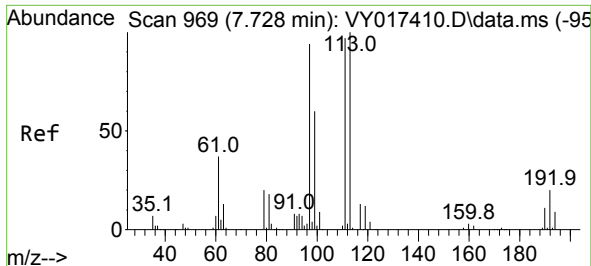
Tgt Ion: 65 Resp: 60428
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

Tgt Ion: 114 Resp: 255210
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 14.6 0.0 27.2

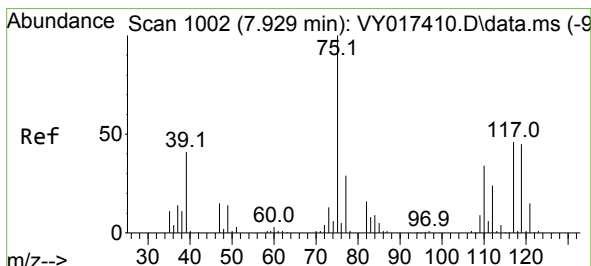
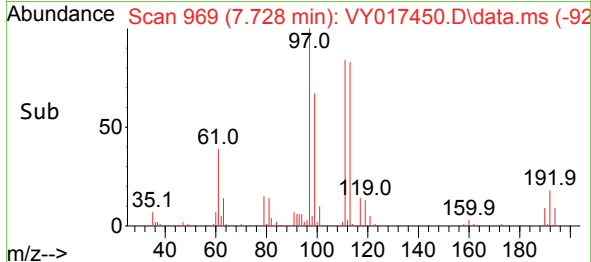
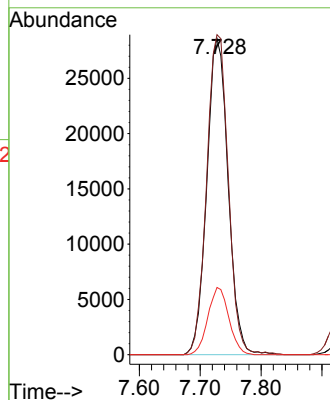
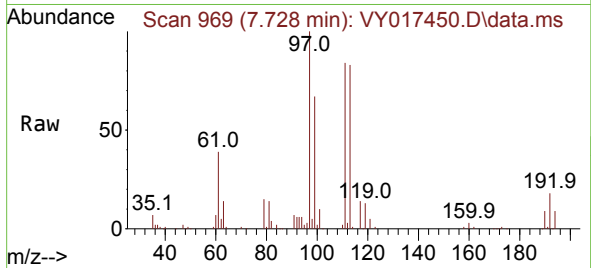




#35
Dibromofluoromethane
Concen: 46.618 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

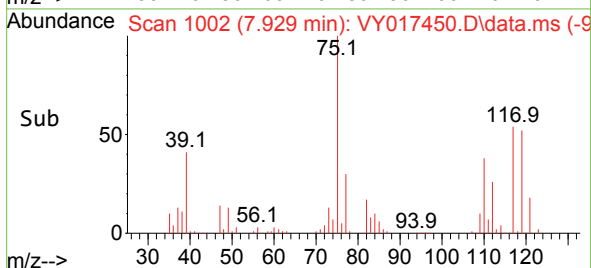
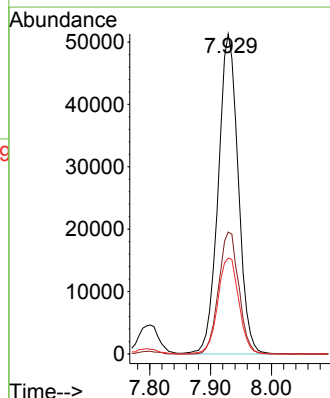
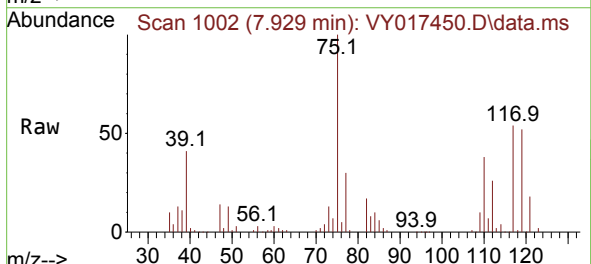
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

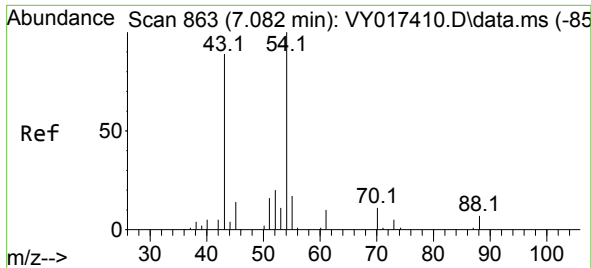
Tgt Ion:113 Resp: 69643
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.865 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 75 Resp: 116929
Ion Ratio Lower Upper
75 100
110 38.5 19.0 57.0
77 31.6 25.3 37.9

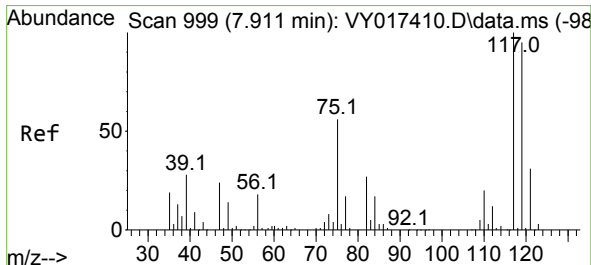
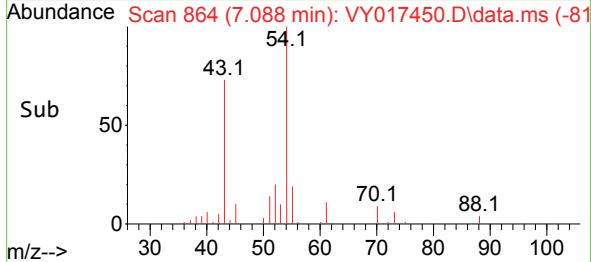
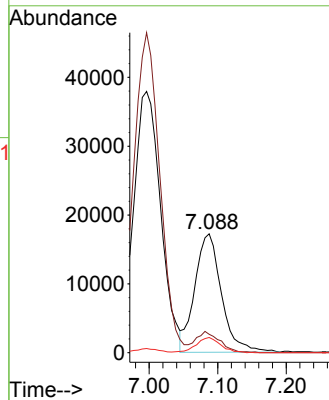
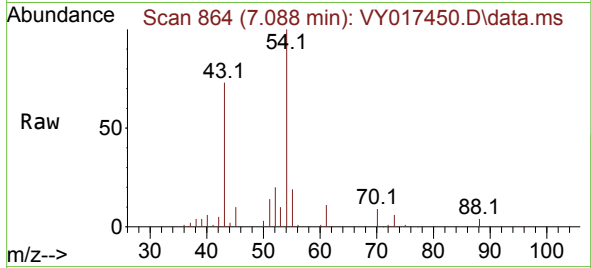




#37
Ethyl Acetate
Concen: 51.323 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

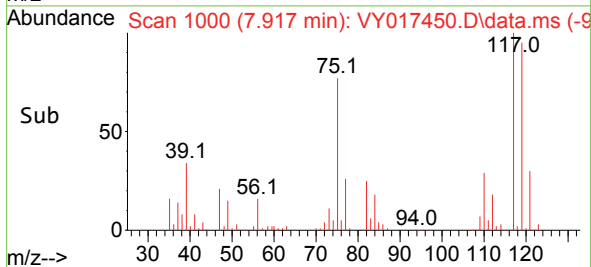
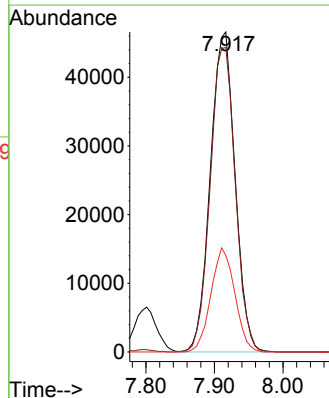
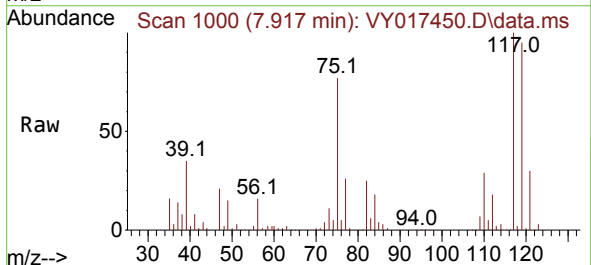
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

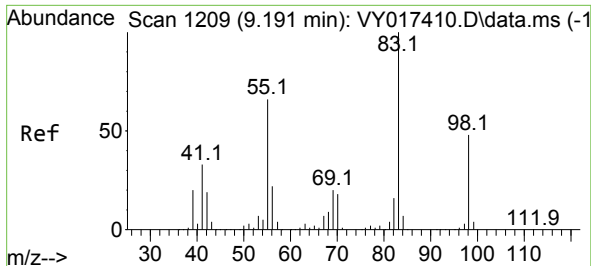
Tgt Ion: 43 Resp: 46627
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 11.8 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 46.982 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 117 Resp: 116709
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 30.2 24.0 36.0

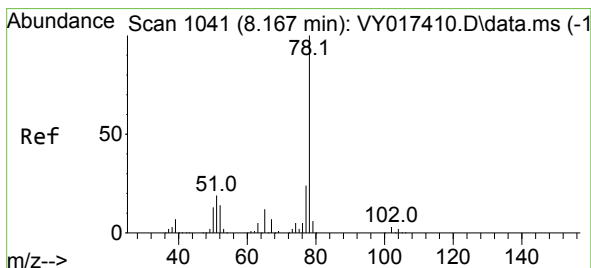
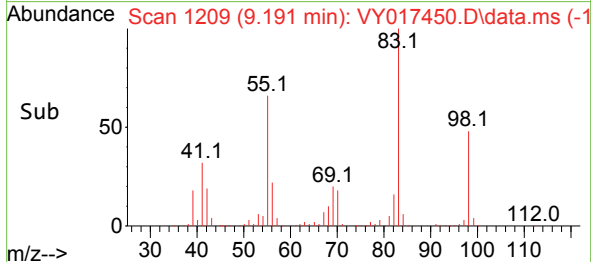
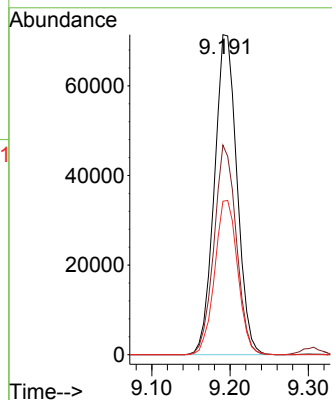
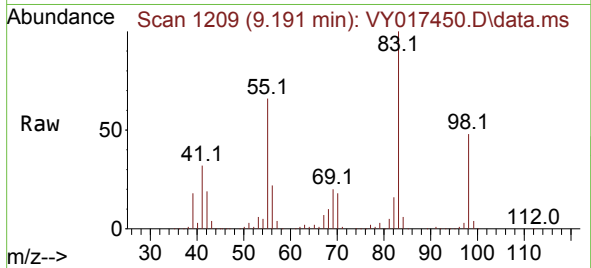




#39
Methylcyclohexane
Concen: 46.934 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

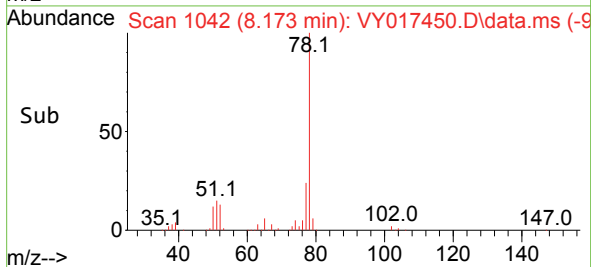
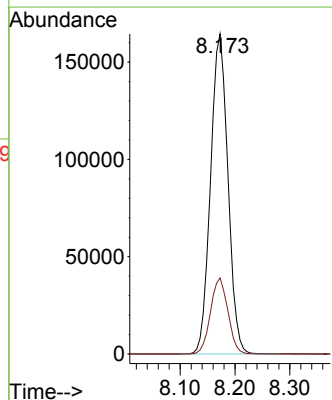
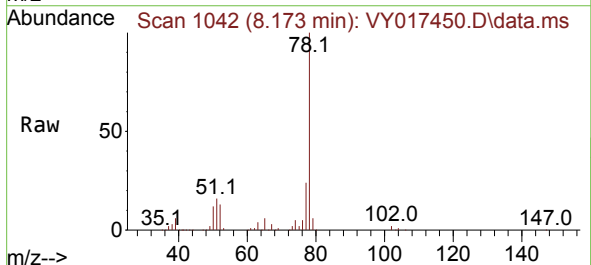
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

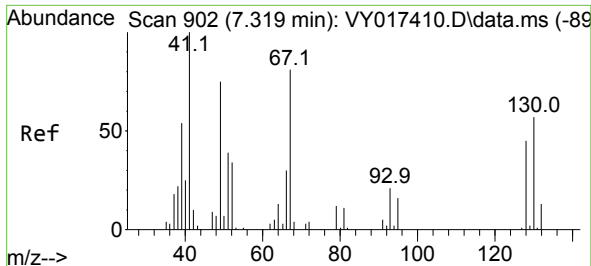
Tgt Ion: 83 Resp: 143341
Ion Ratio Lower Upper
83 100
55 65.5 51.5 77.3
98 48.0 40.5 60.7



#40
Benzene
Concen: 49.515 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 78 Resp: 360951
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

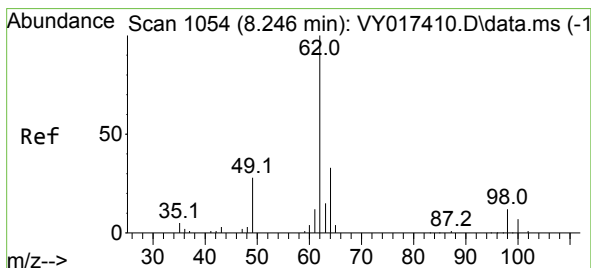
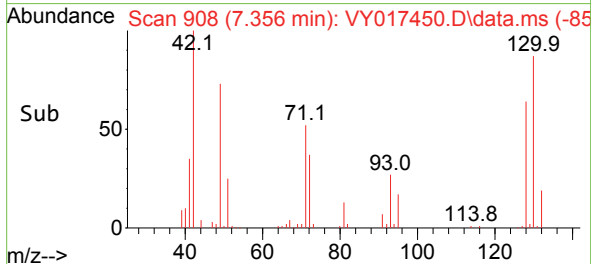
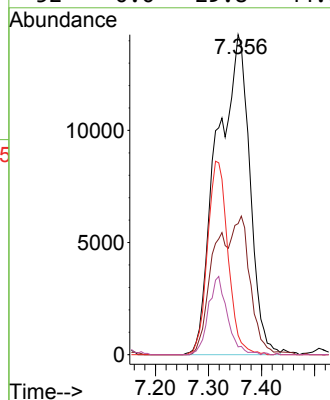
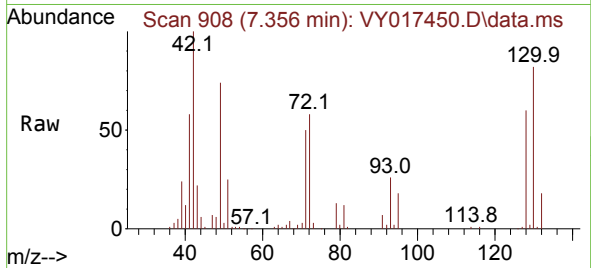




#41
Methacrylonitrile
Concen: 137.926 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.036 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

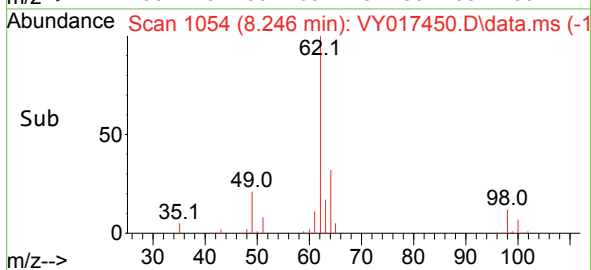
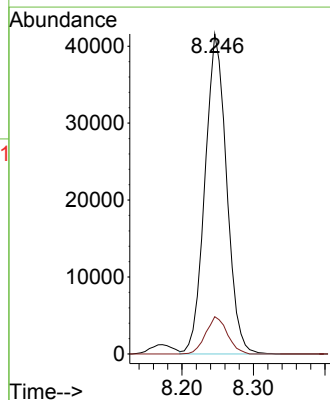
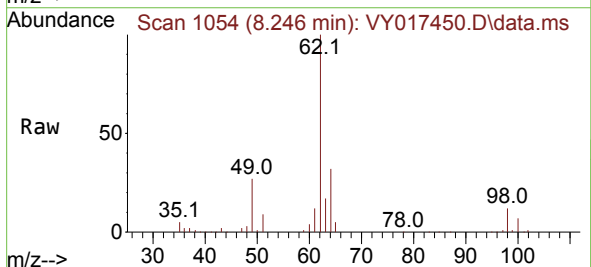
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

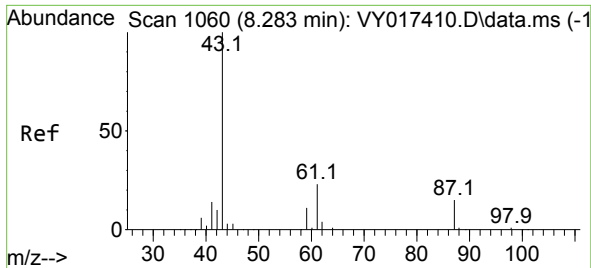
Tgt Ion: 41 Resp: 61195
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 49.405 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 62 Resp: 87421
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0

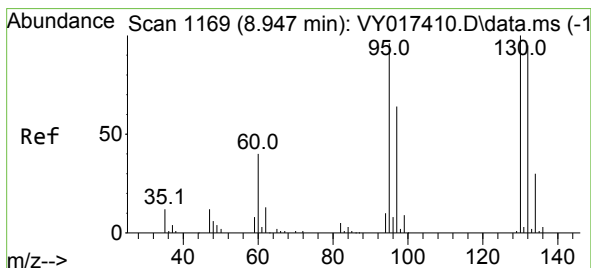
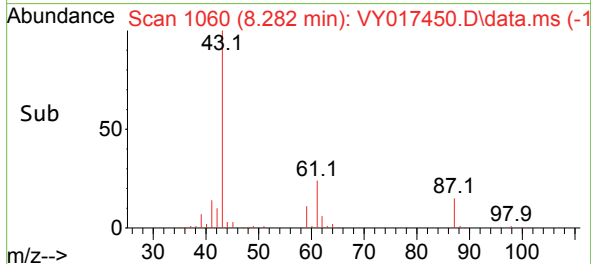
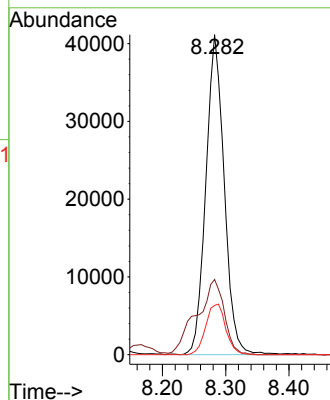
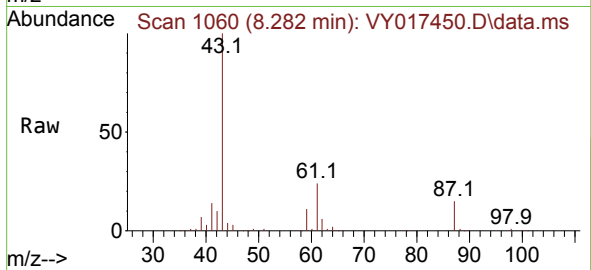




#43
Isopropyl Acetate
Concen: 50.586 ug/l
RT: 8.282 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

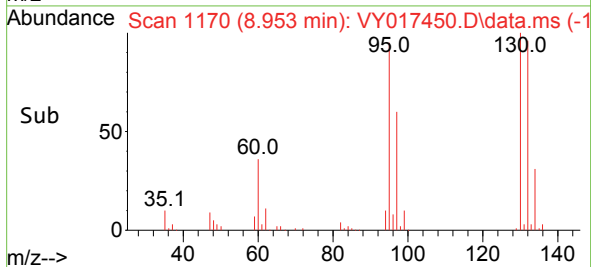
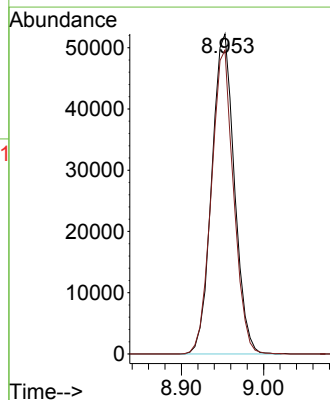
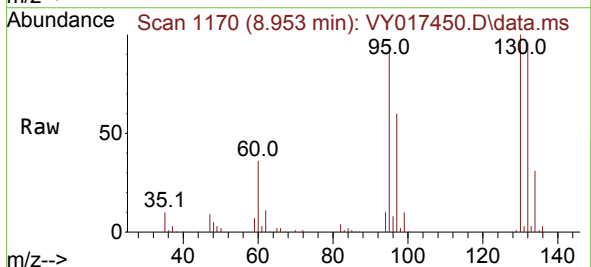
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

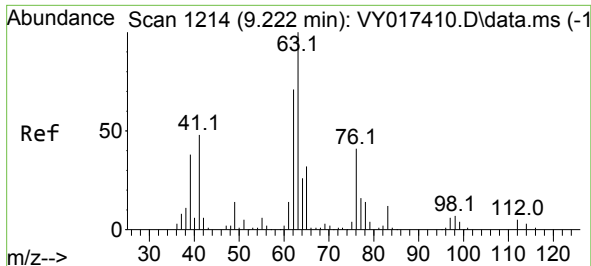
Tgt Ion: 43 Resp: 83051
Ion Ratio Lower Upper
43 100
61 35.3 27.9 41.9
87 17.2 13.1 19.7



#44
Trichloroethene
Concen: 50.568 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion:130 Resp: 99918
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0

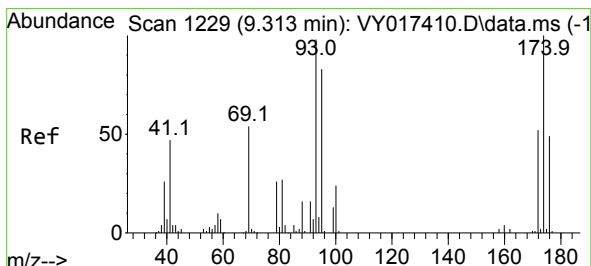
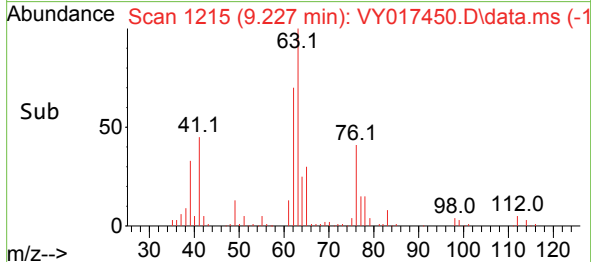
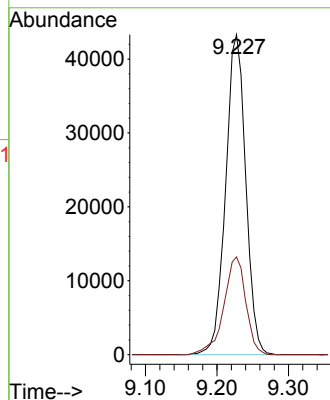
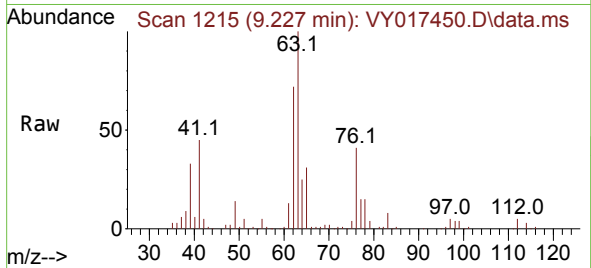




#45
1,2-Dichloropropane
Concen: 50.122 ug/l
RT: 9.227 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

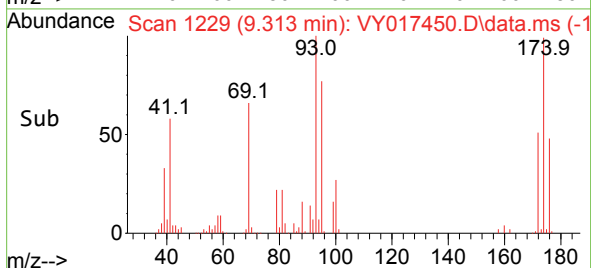
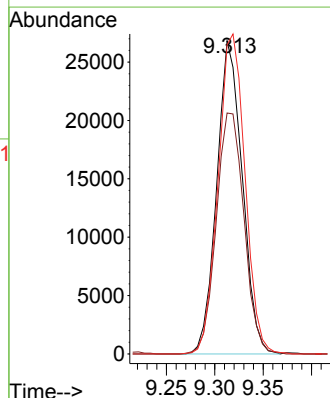
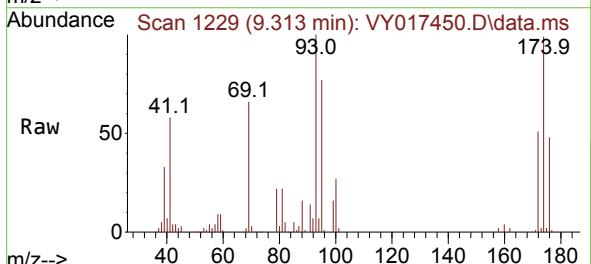
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

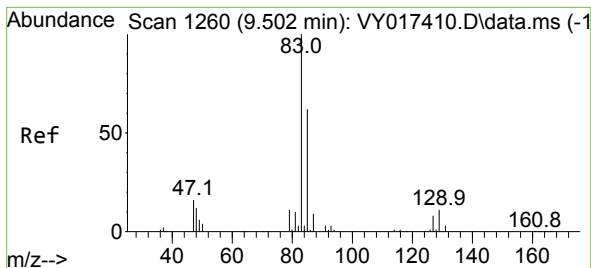
Tgt Ion: 63 Resp: 84460
Ion Ratio Lower Upper
63 100
65 30.5 25.4 38.2



#46
Dibromomethane
Concen: 51.454 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 93 Resp: 49281
Ion Ratio Lower Upper
93 100
95 83.5 66.2 99.4
174 107.6 80.9 121.3





#47

Bromodichloromethane

Concen: 50.890 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

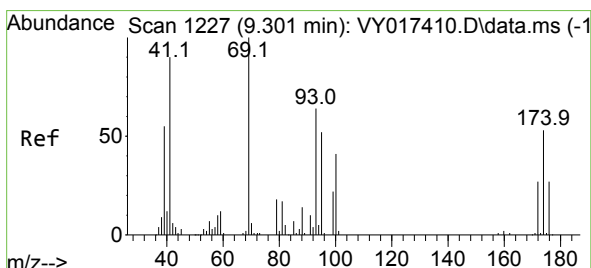
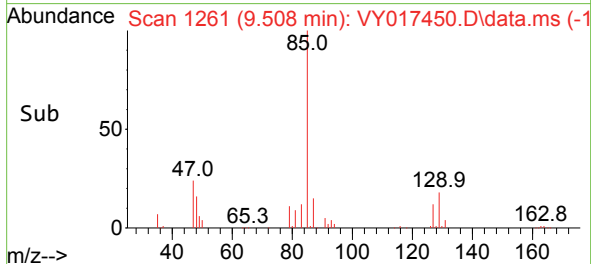
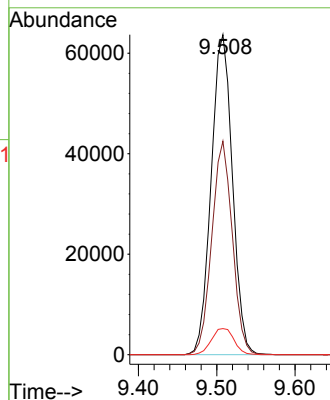
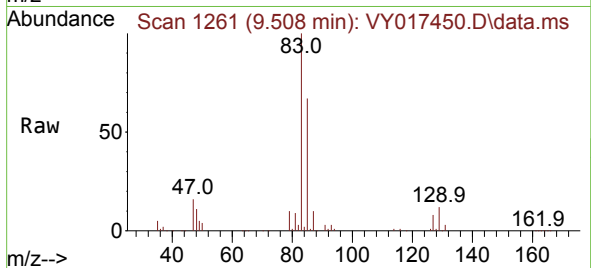
Tgt Ion: 83 Resp: 119840

Ion Ratio Lower Upper

83 100

85 66.7 50.1 75.1

127 8.2 7.4 11.0



#48

Methyl methacrylate

Concen: 51.648 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

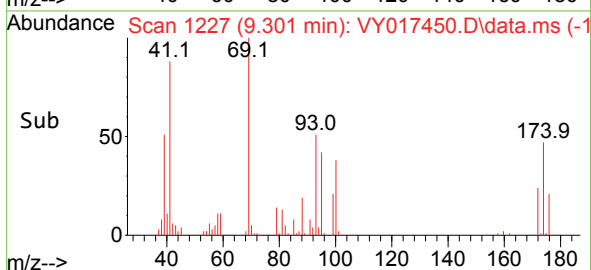
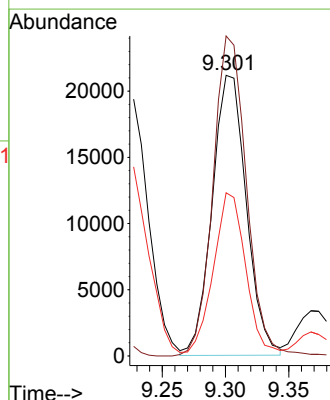
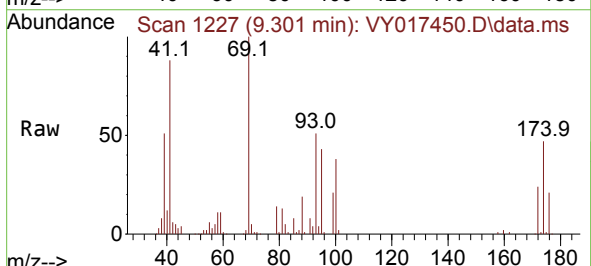
Tgt Ion: 41 Resp: 39784

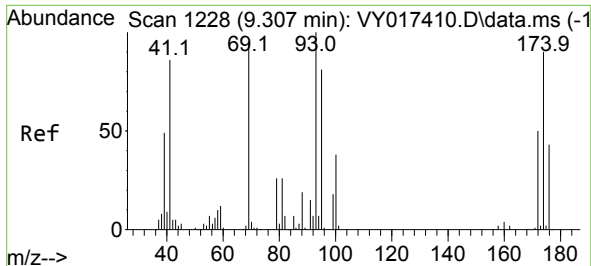
Ion Ratio Lower Upper

41 100

69 111.9 84.1 126.1

39 55.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1105.976 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

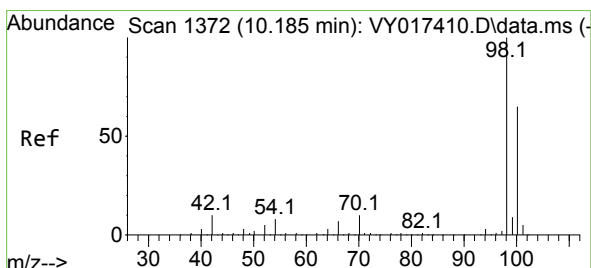
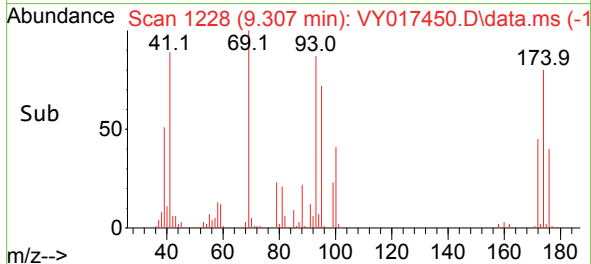
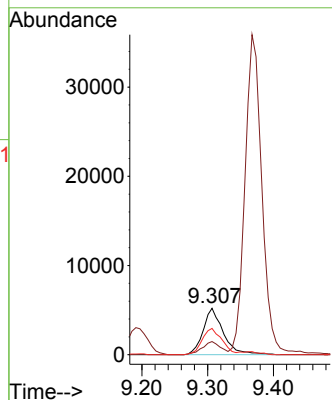
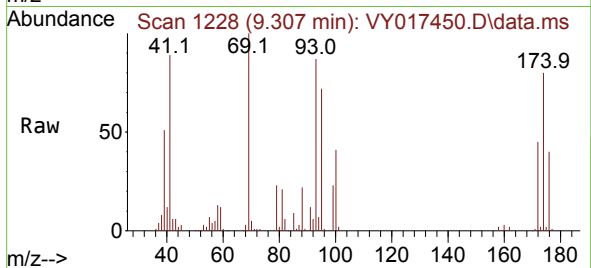
Tgt Ion: 88 Resp: 11079

Ion Ratio Lower Upper

88 100

43 25.9 0.0 0.0#

58 55.5 49.3 73.9



#50

Toluene-d8

Concen: 45.726 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017450.D

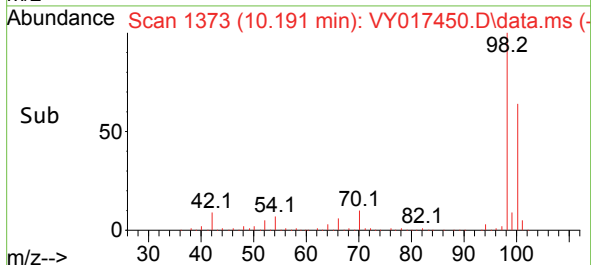
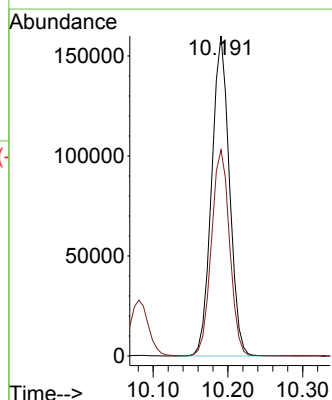
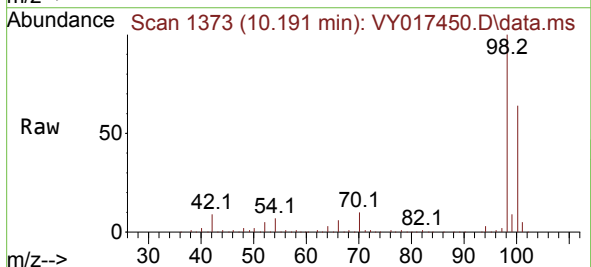
Acq: 21 Feb 2024 20:00

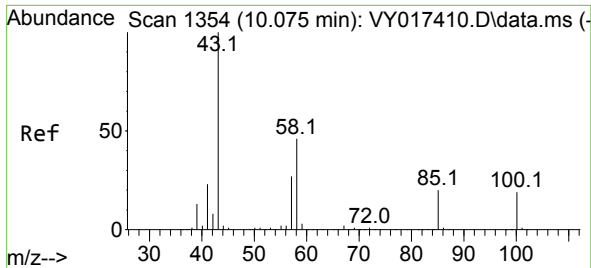
Tgt Ion: 98 Resp: 264932

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 266.777 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

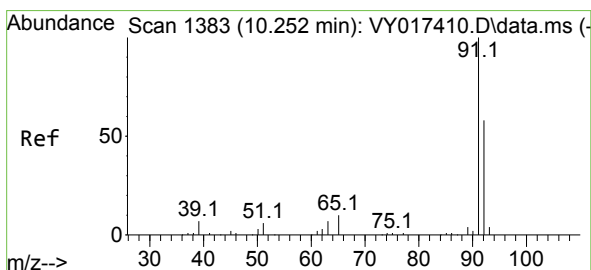
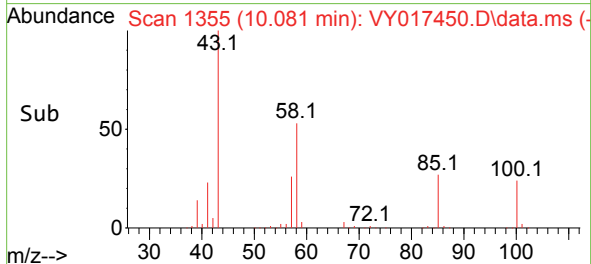
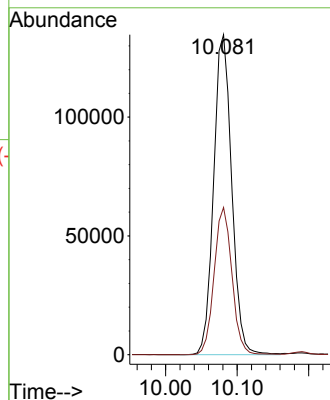
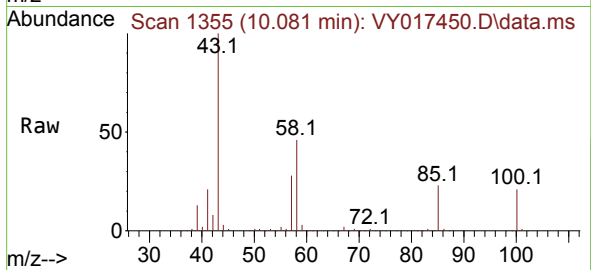
VSTDCCC050EC

Tgt Ion: 43 Resp: 235999

Ion Ratio Lower Upper

43 100

58 45.5 35.7 53.5



#52

Toluene

Concen: 50.177 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY017450.D

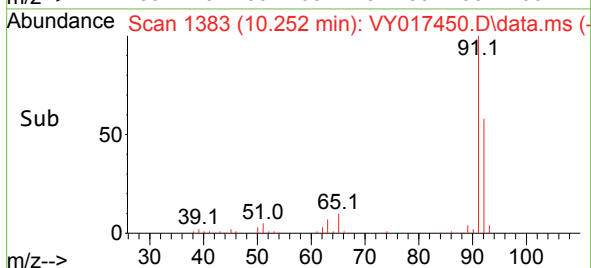
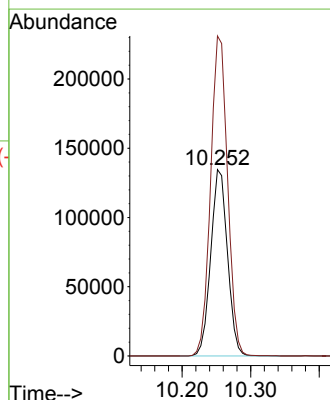
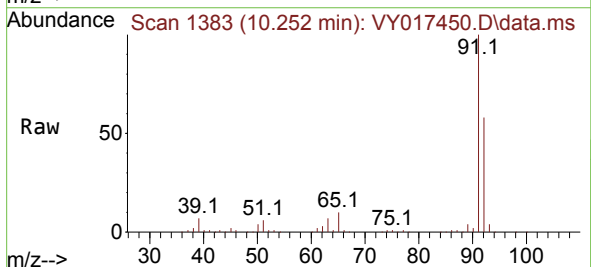
Acq: 21 Feb 2024 20:00

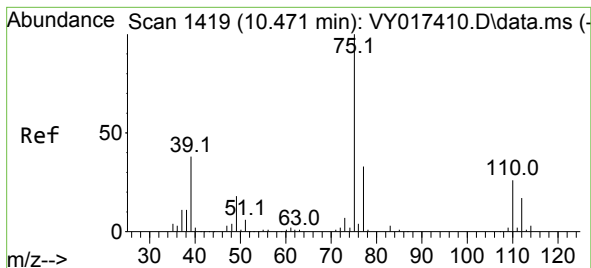
Tgt Ion: 92 Resp: 228351

Ion Ratio Lower Upper

92 100

91 174.1 139.0 208.6

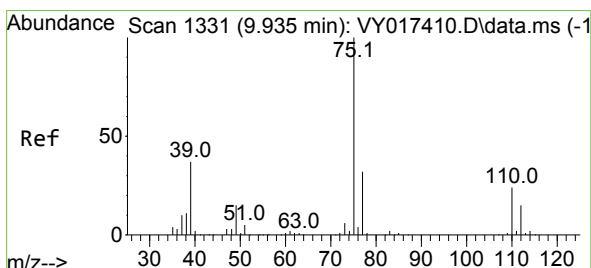
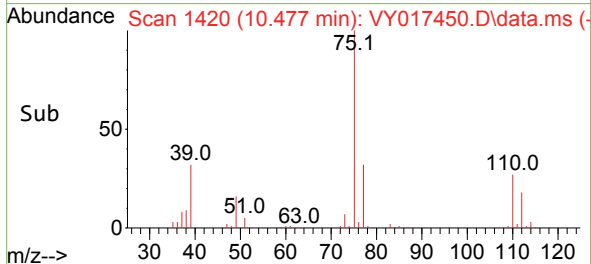
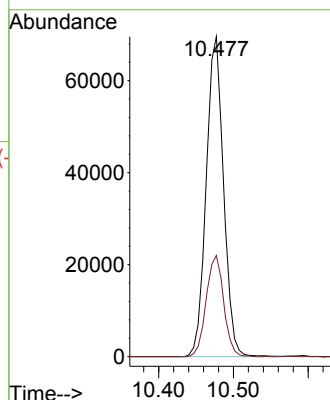
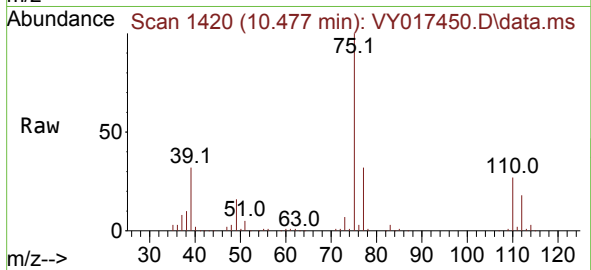




#53
 t-1,3-Dichloropropene
 Concen: 51.299 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

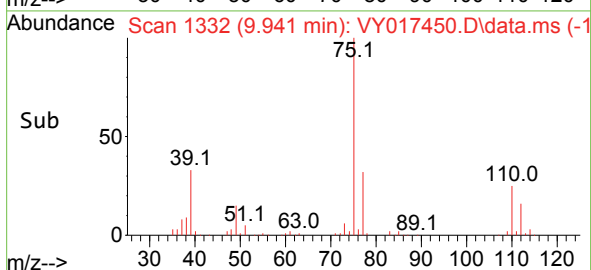
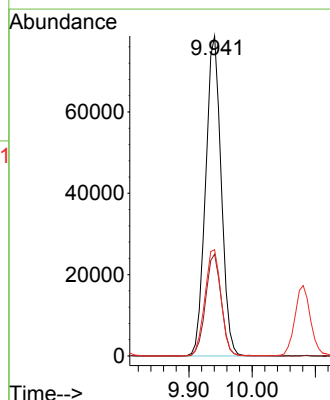
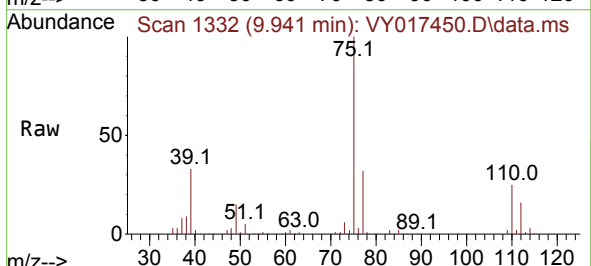
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

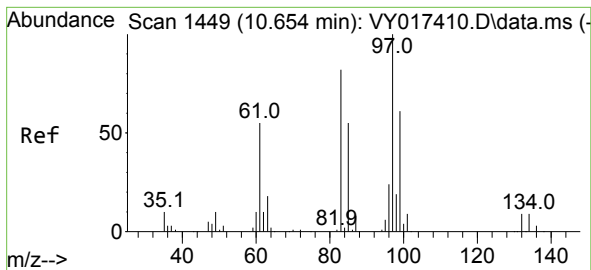
Tgt Ion: 75 Resp: 111858
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.495 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

Tgt Ion: 75 Resp: 135083
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 33.2 29.8 44.6

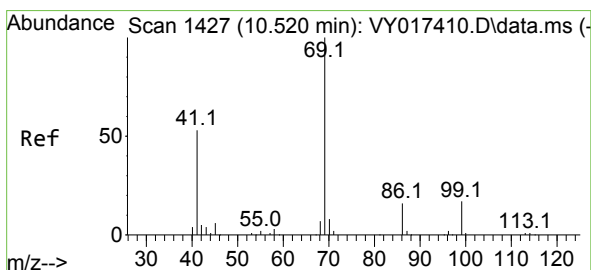
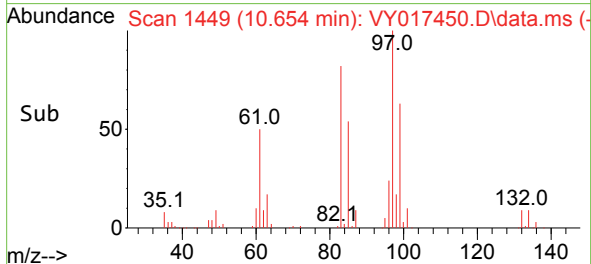
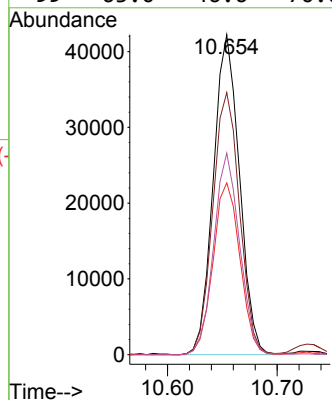
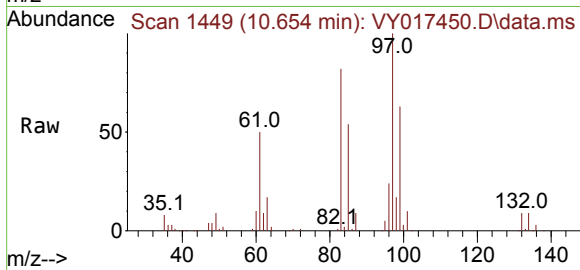




#55
 1,1,2-Trichloroethane
 Concen: 53.124 ug/l
 RT: 10.654 min Scan# 1449
 Delta R.T. -0.000 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

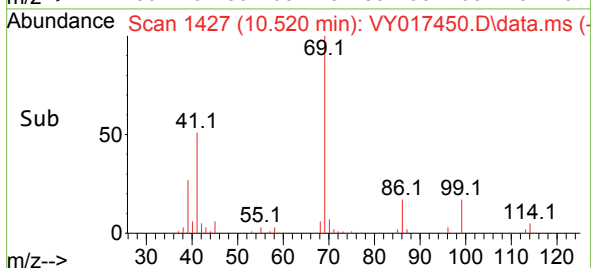
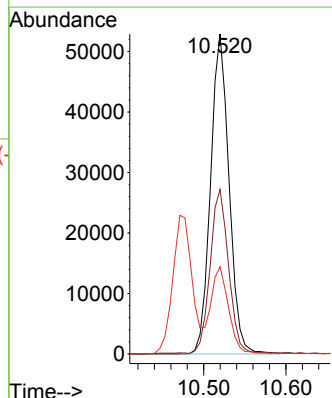
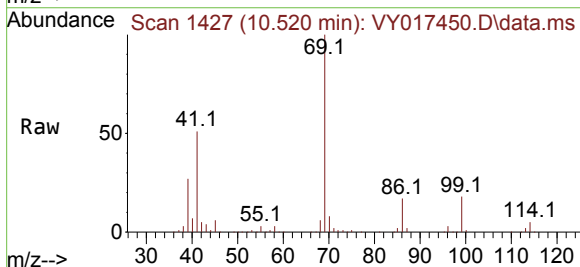
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

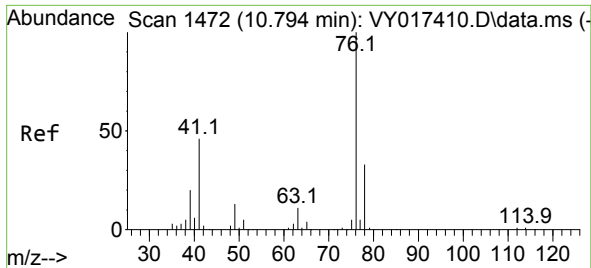
Tgt Ion:	97	Resp:	70007
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.5	101.3
85	53.7	42.9	64.3
99	63.0	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 49.666 ug/l
 RT: 10.520 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

Tgt Ion:	69	Resp:	82539
Ion	Ratio	Lower	Upper
69	100		
41	52.3	42.3	63.5
39	26.6	22.9	34.3

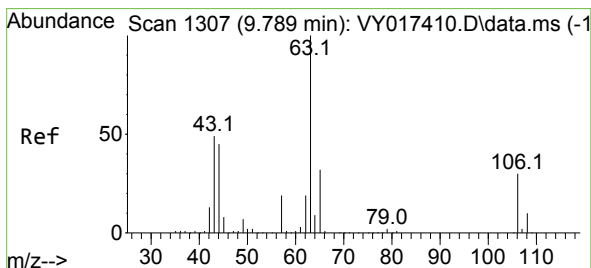
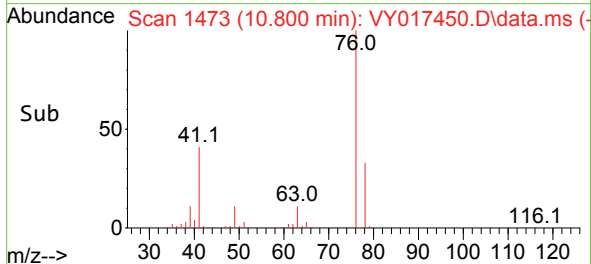
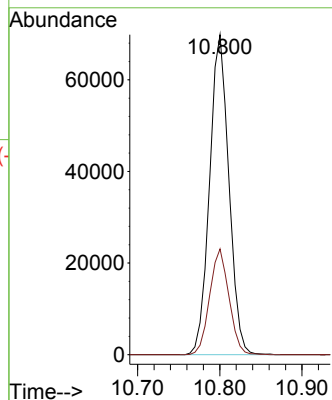
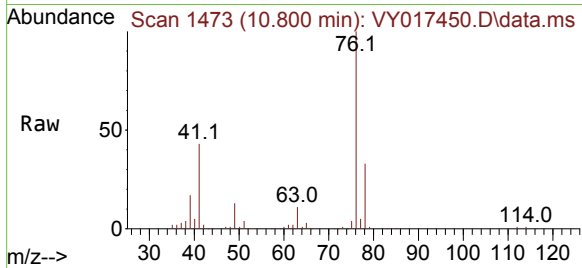




#57
1,3-Dichloropropane
Concen: 52.240 ug/l
RT: 10.800 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

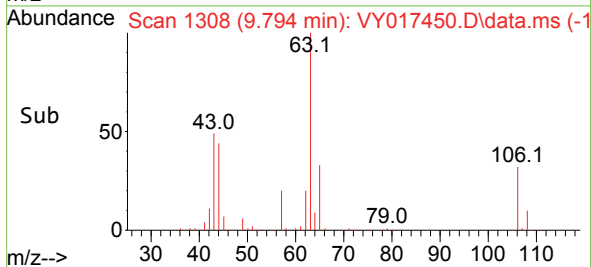
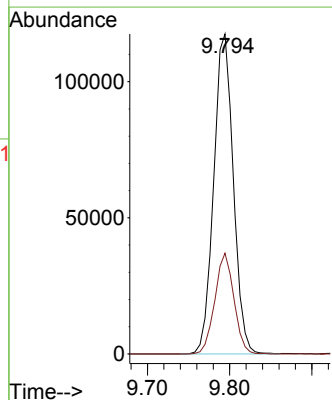
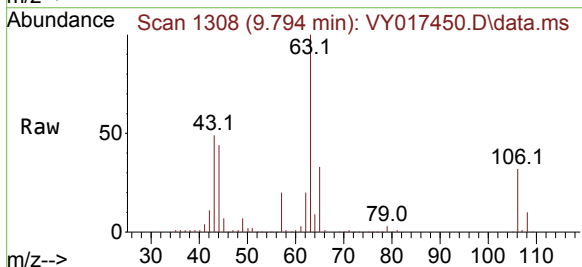
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

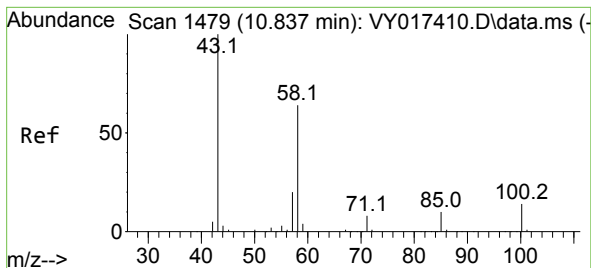
Tgt Ion: 76 Resp: 113906
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 247.131 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 63 Resp: 194590
Ion Ratio Lower Upper
63 100
106 30.6 23.7 35.5

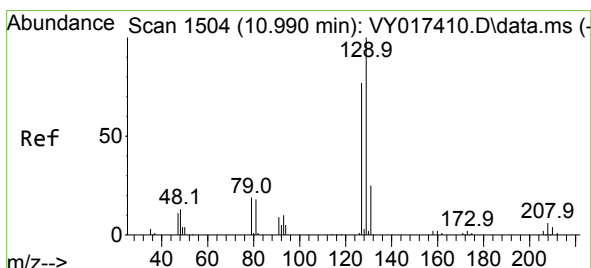
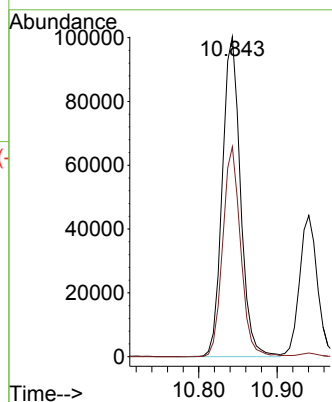
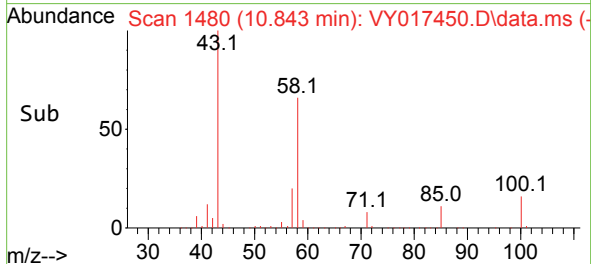
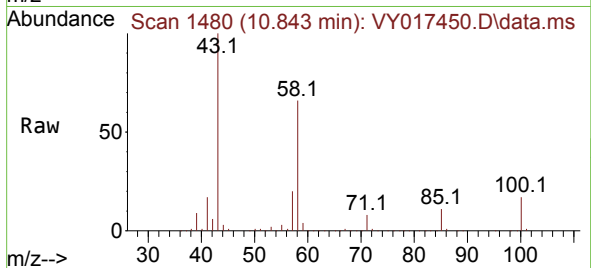




#59
2-Hexanone
Concen: 265.079 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

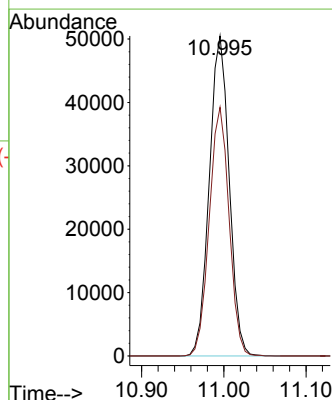
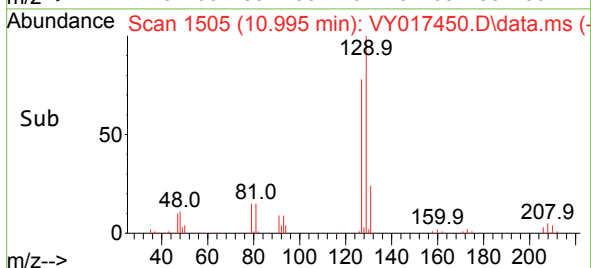
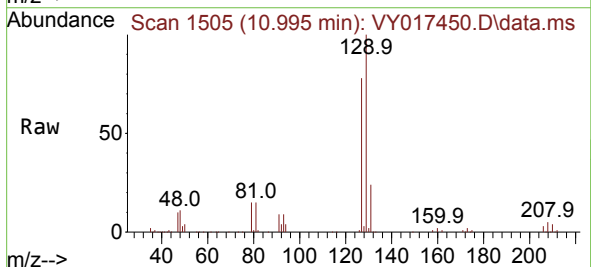
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

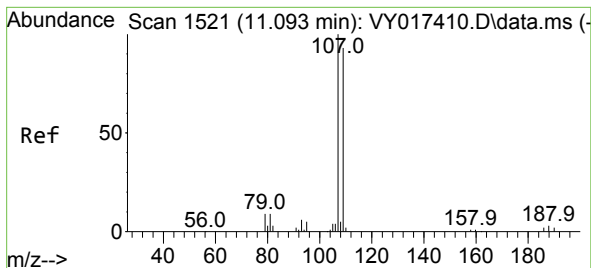
Tgt Ion: 43 Resp: 161519
Ion Ratio Lower Upper
43 100
58 64.9 31.4 94.0



#60
Dibromochloromethane
Concen: 54.140 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 129 Resp: 84811
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

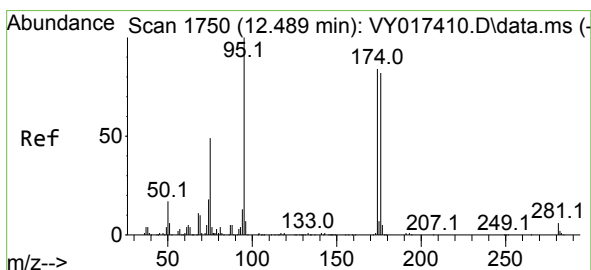
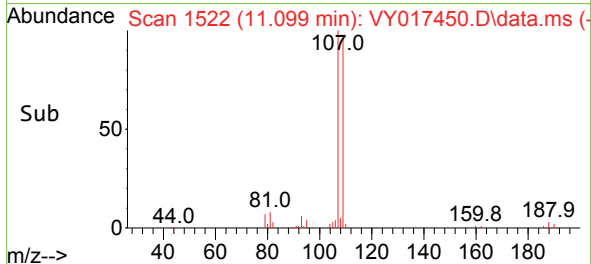
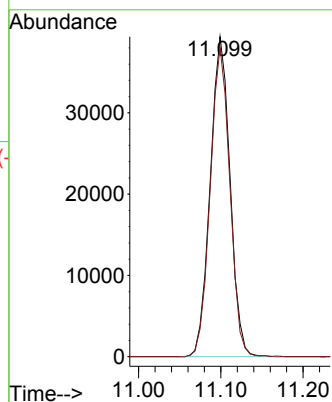
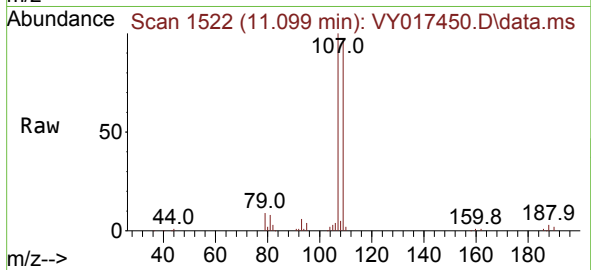




#61
1,2-Dibromoethane
Concen: 53.444 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

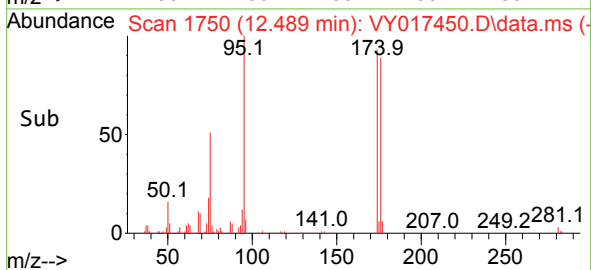
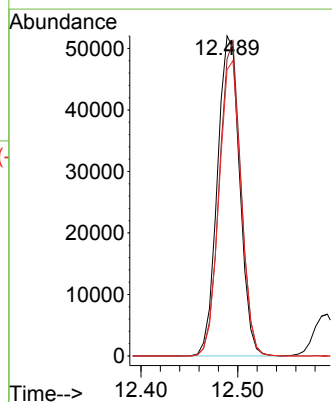
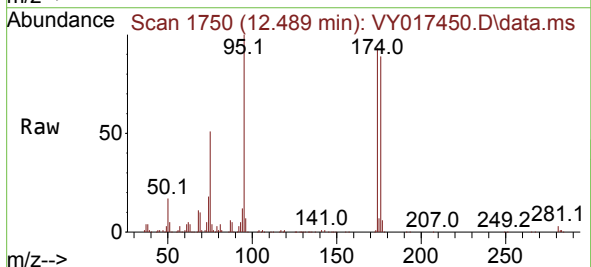
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

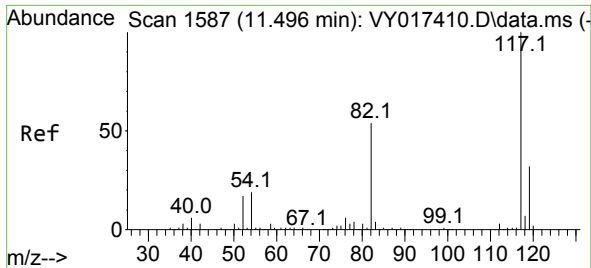
Tgt Ion:107 Resp: 65891
Ion Ratio Lower Upper
107 100
109 95.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.282 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 95 Resp: 83171
Ion Ratio Lower Upper
95 100
174 95.0 0.0 175.6
176 91.2 0.0 171.4

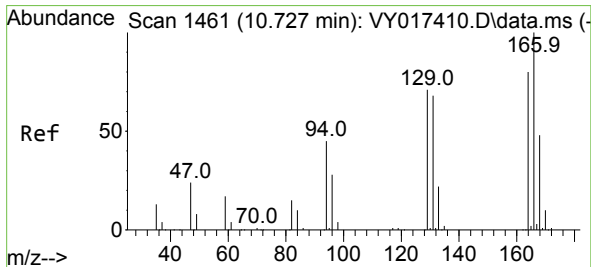
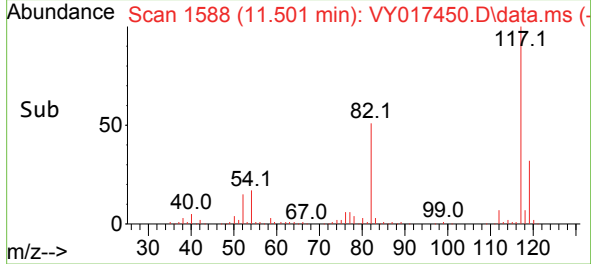
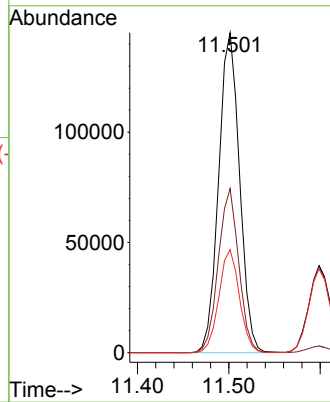
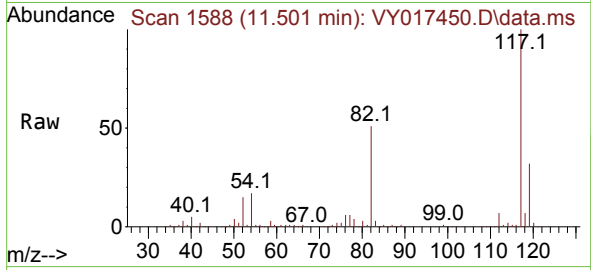




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

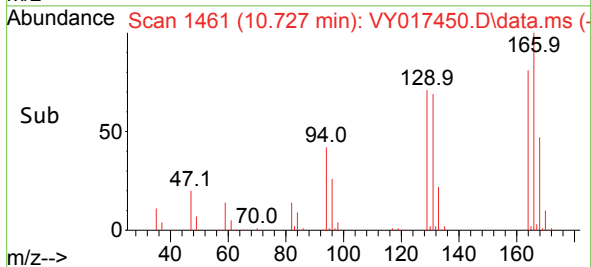
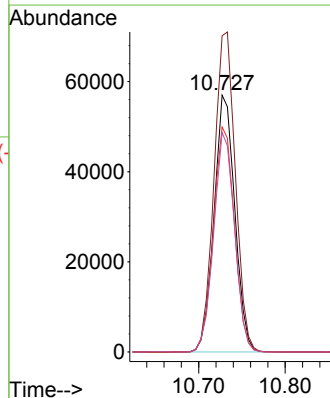
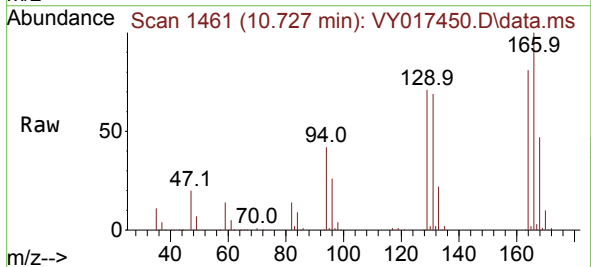
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

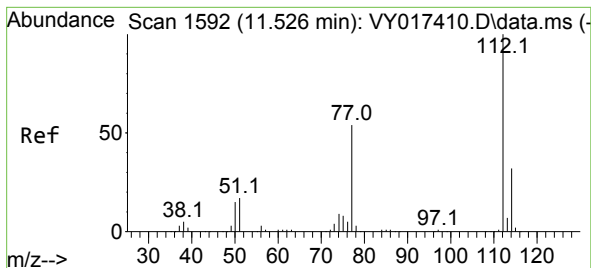
Tgt Ion:117 Resp: 231016
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 51.390 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion:164 Resp: 95012
Ion Ratio Lower Upper
164 100
166 123.1 102.6 154.0
129 87.6 72.0 108.0
131 85.5 70.0 105.0

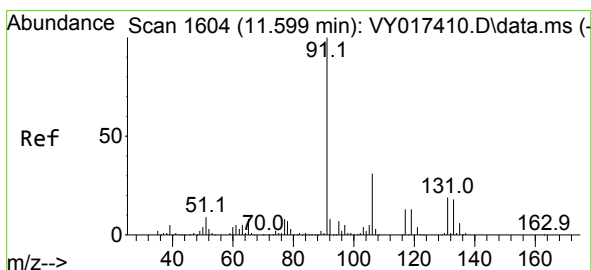
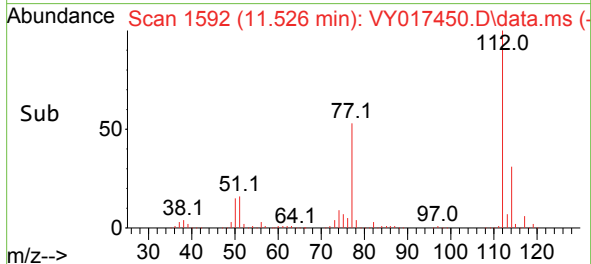
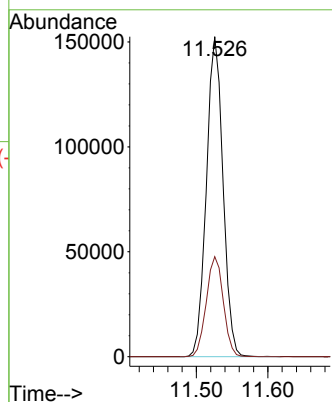
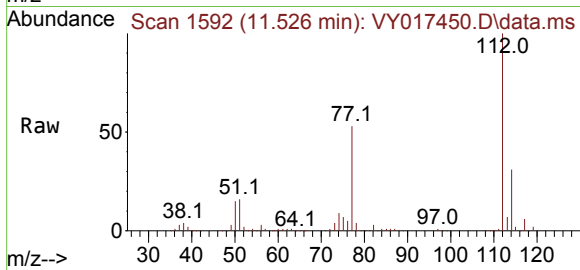




#65
Chlorobenzene
Concen: 49.341 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

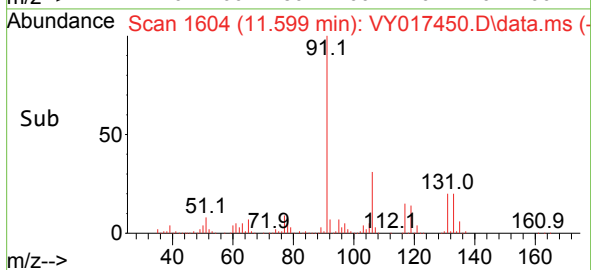
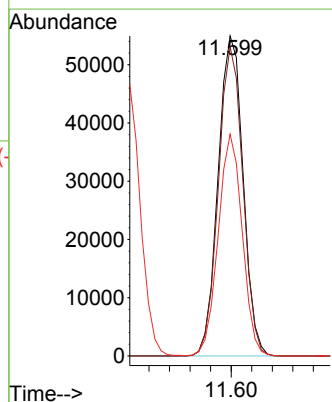
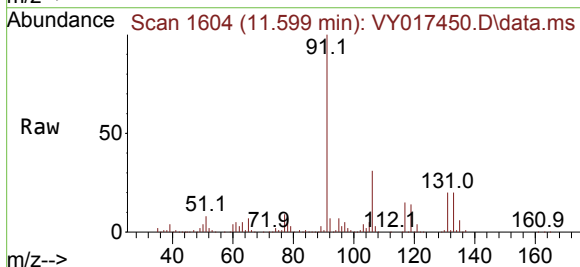
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

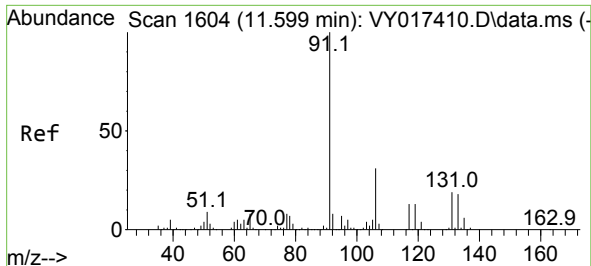
Tgt Ion:112 Resp: 245558
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.975 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion:131 Resp: 92618
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 48.837 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

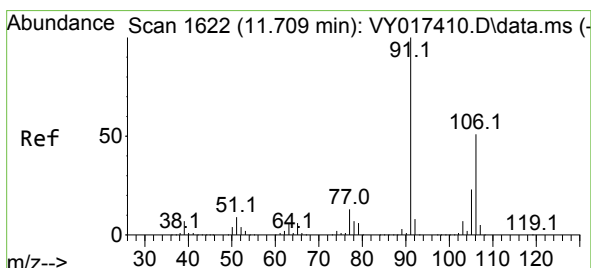
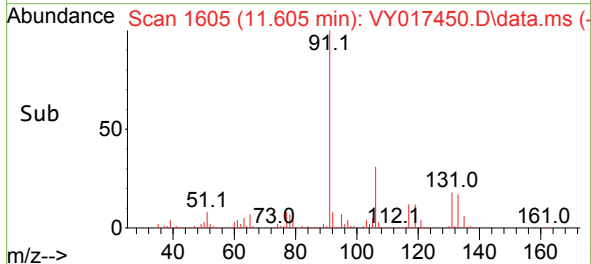
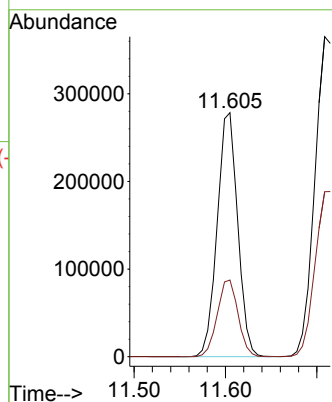
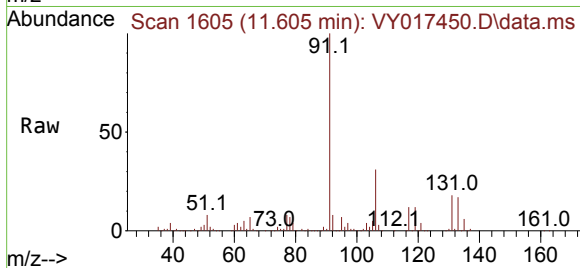
VSTDCCC050EC

Tgt Ion: 91 Resp: 434696

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 98.993 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017450.D

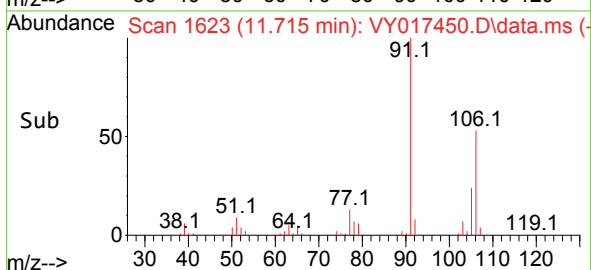
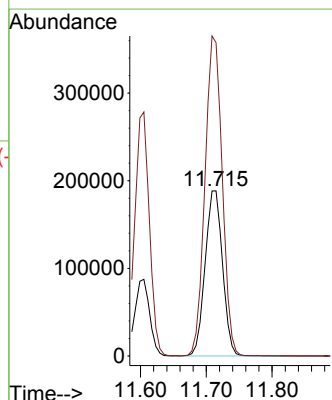
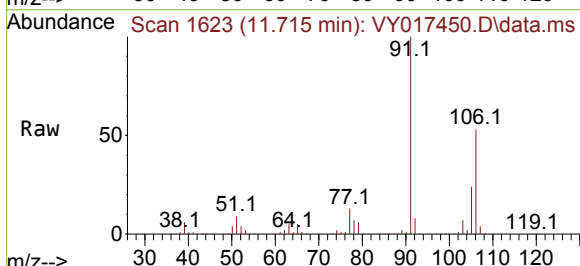
Acq: 21 Feb 2024 20:00

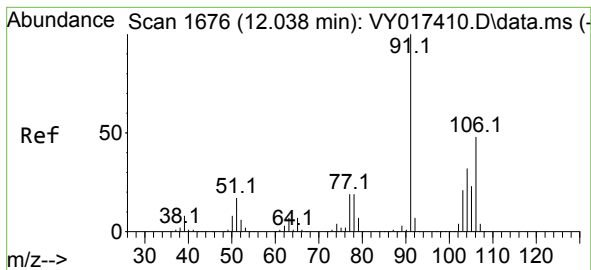
Tgt Ion: 106 Resp: 346382

Ion Ratio Lower Upper

106 100

91 192.5 156.0 234.0

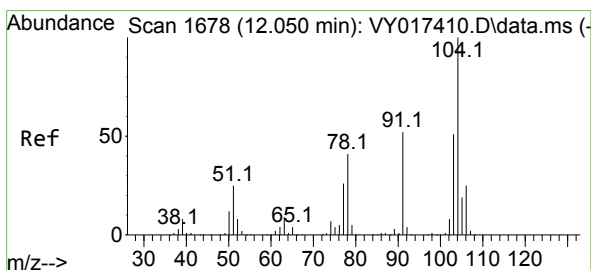
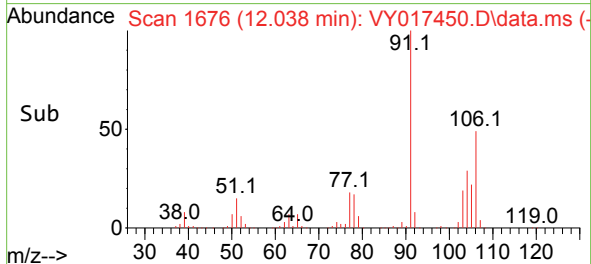
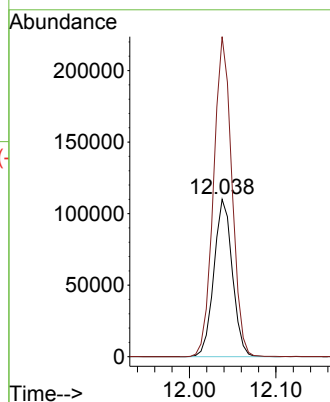
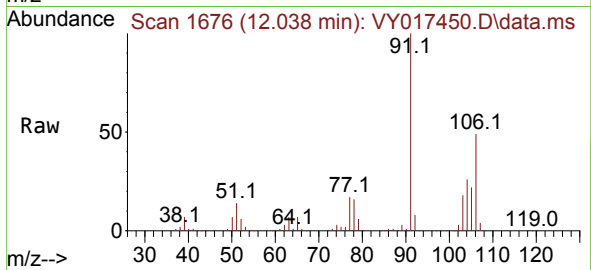




#69
o-Xylene
Concen: 50.667 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

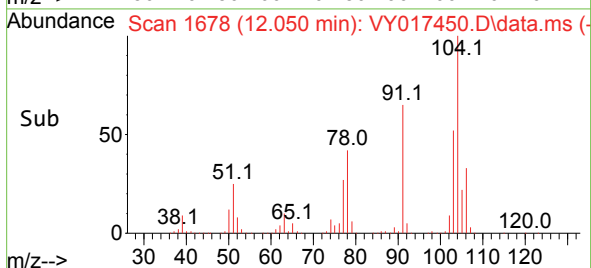
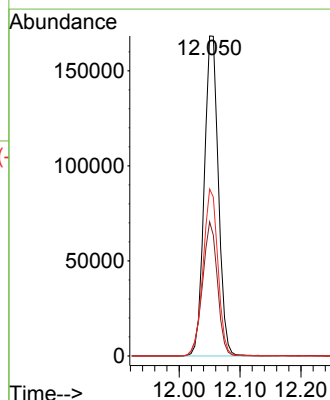
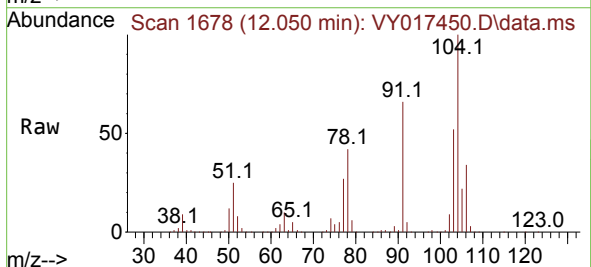
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

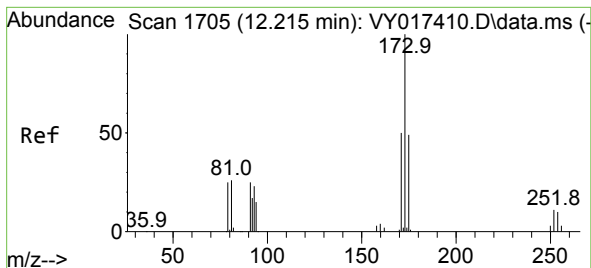
Tgt Ion:106 Resp: 162643
Ion Ratio Lower Upper
106 100
91 202.4 103.6 310.8



#70
Styrene
Concen: 51.585 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion:104 Resp: 271972
Ion Ratio Lower Upper
104 100
78 44.0 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 54.656 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

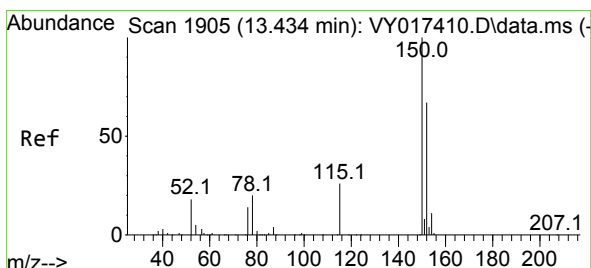
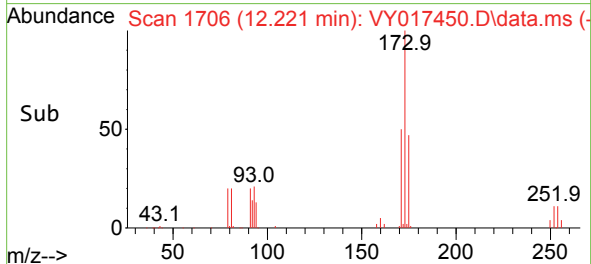
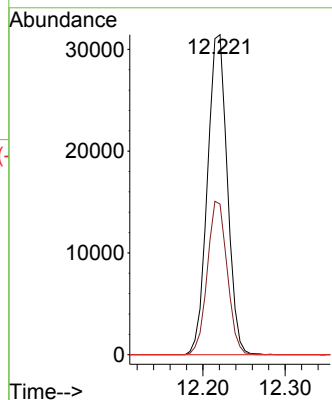
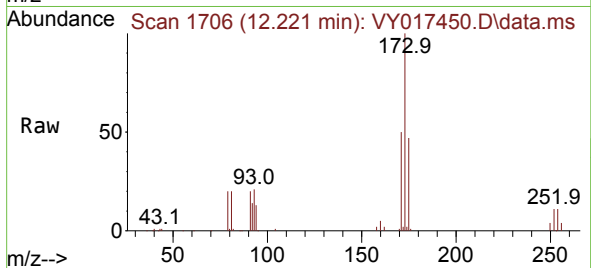
Tgt Ion:173 Resp: 52702

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

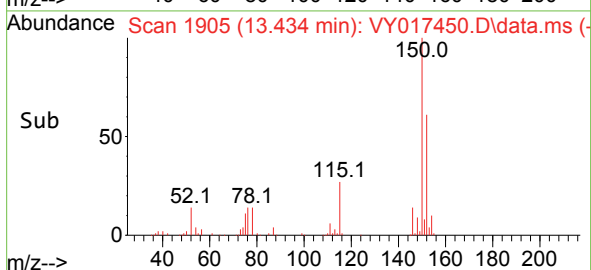
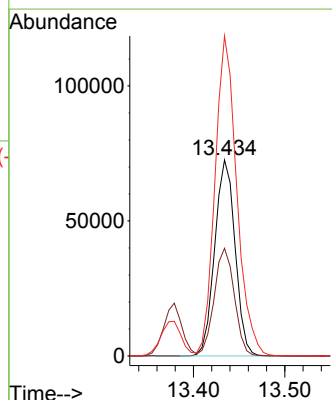
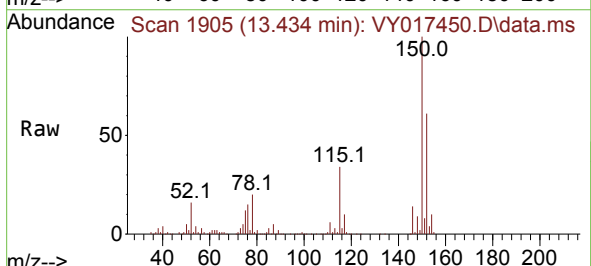
Tgt Ion:152 Resp: 112308

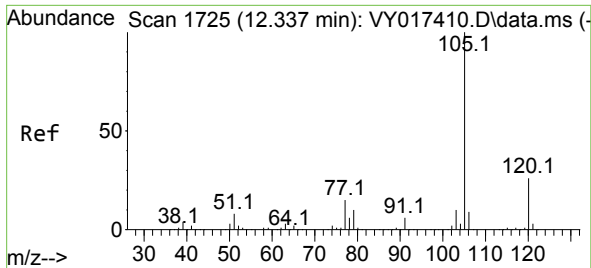
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 174.3 0.0 345.6

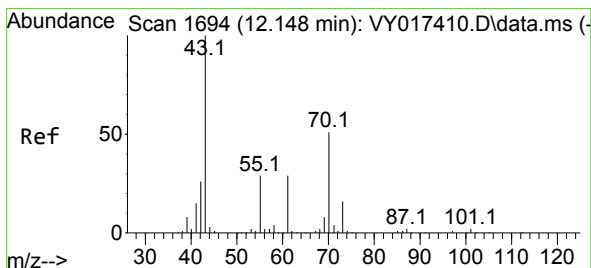
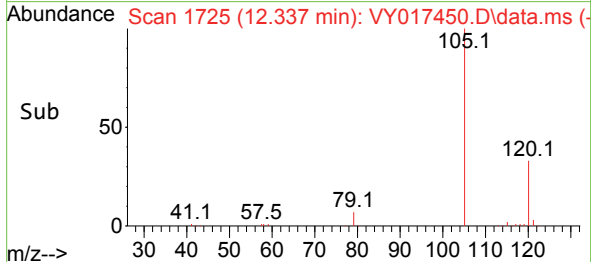
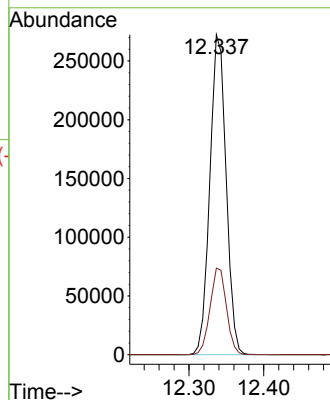
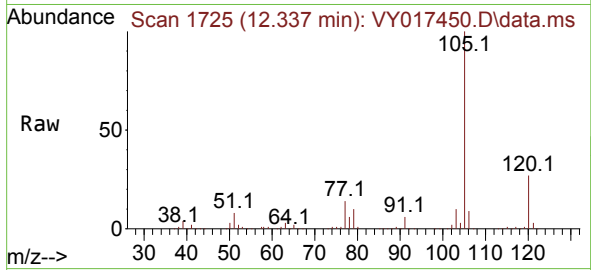




#73
Isopropylbenzene
Concen: 47.548 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

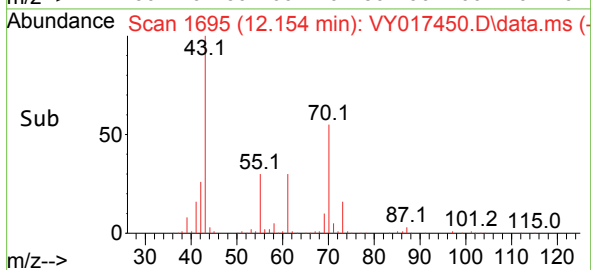
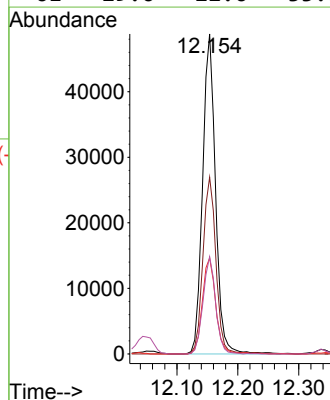
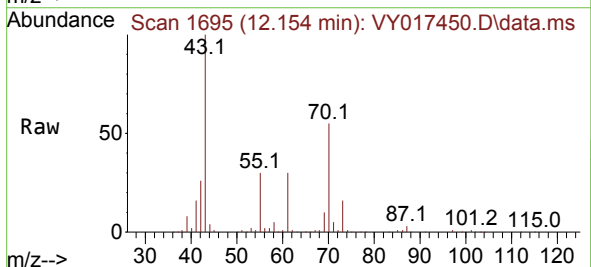
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

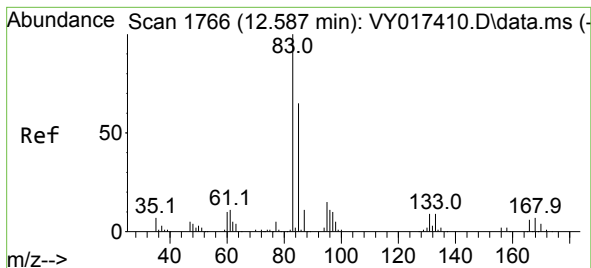
Tgt Ion:105 Resp: 412487
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 47.714 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 43 Resp: 72072
Ion Ratio Lower Upper
43 100
70 56.0 41.4 62.2
55 31.3 23.3 34.9
61 29.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.609 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

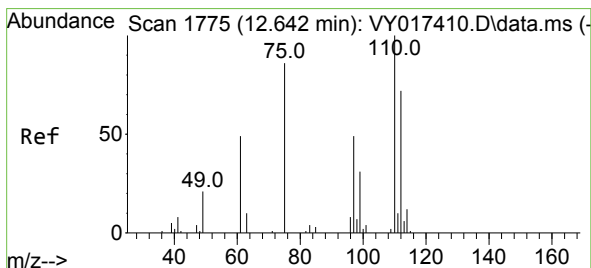
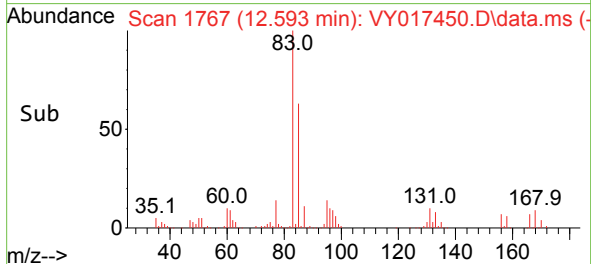
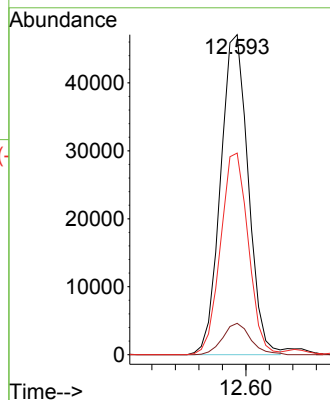
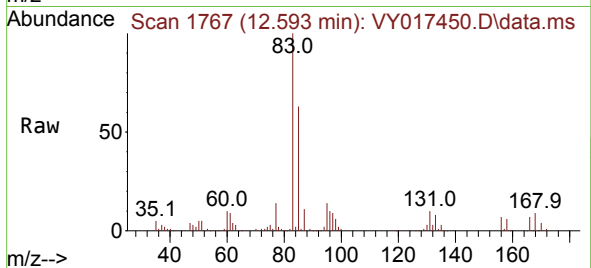
Tgt Ion: 83 Resp: 76917

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.634 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017450.D

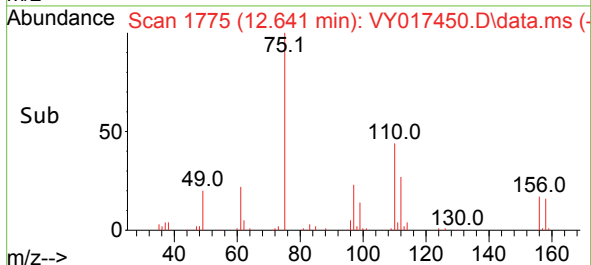
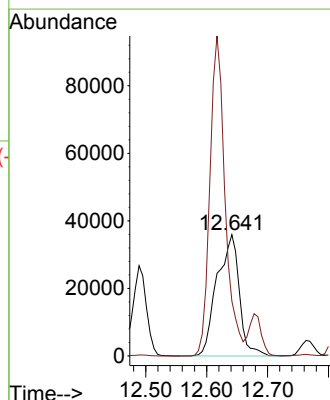
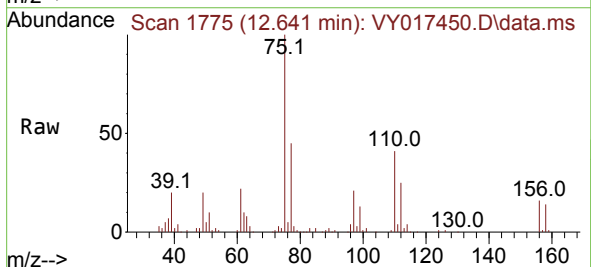
Acq: 21 Feb 2024 20:00

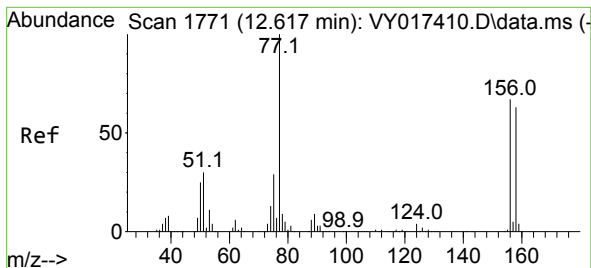
Tgt Ion: 75 Resp: 91071

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.685 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

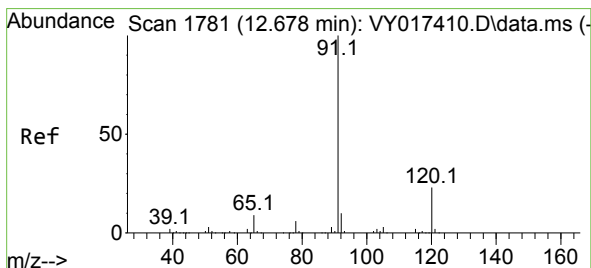
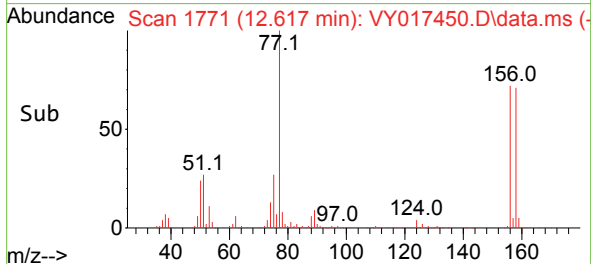
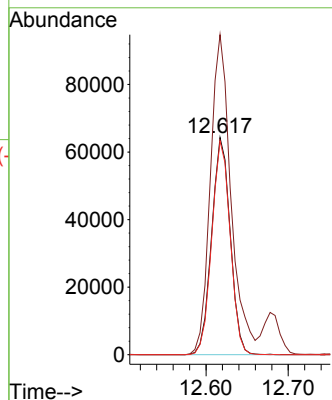
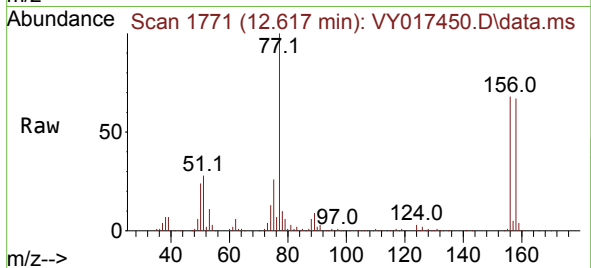
Tgt Ion:156 Resp: 101088

Ion Ratio Lower Upper

156 100

77 163.4 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 47.364 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017450.D

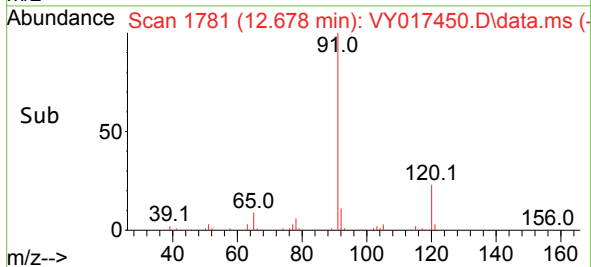
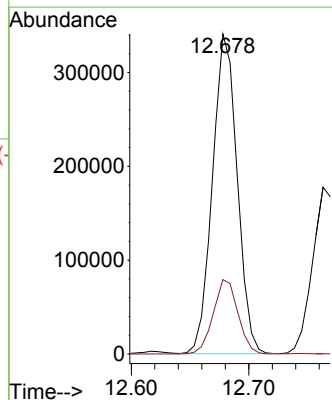
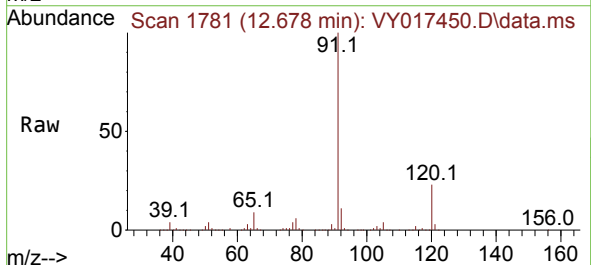
Acq: 21 Feb 2024 20:00

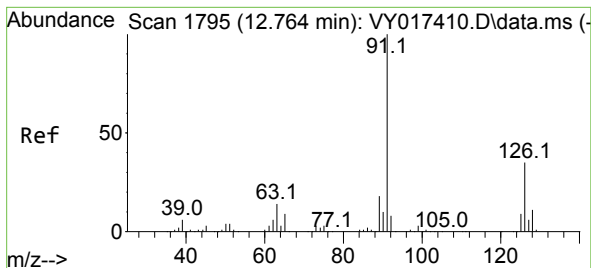
Tgt Ion: 91 Resp: 496992

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

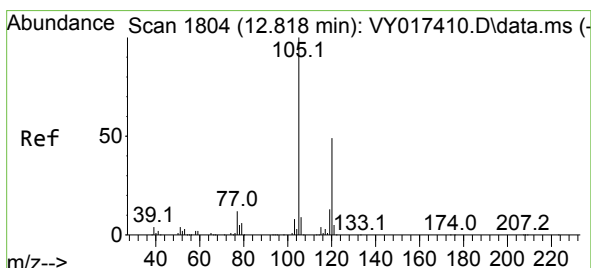
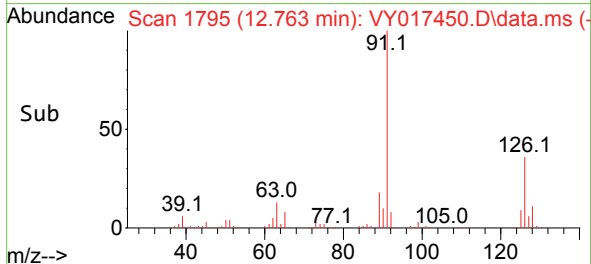
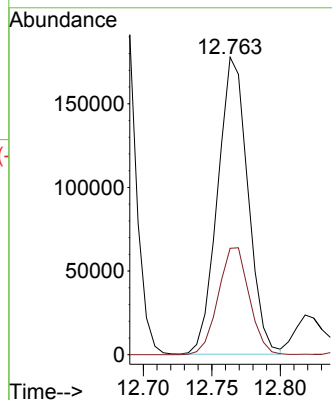
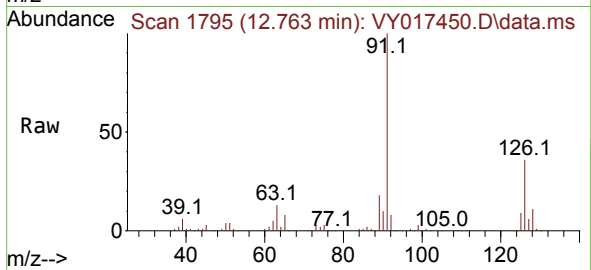




#79
2-Chlorotoluene
Concen: 47.428 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

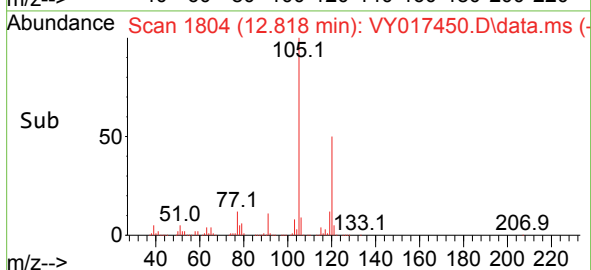
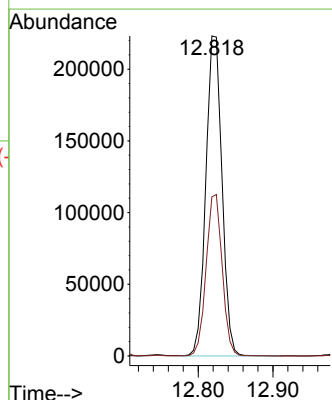
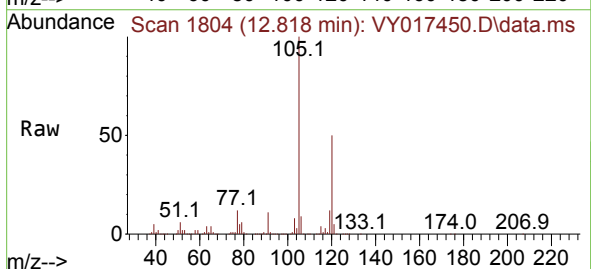
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

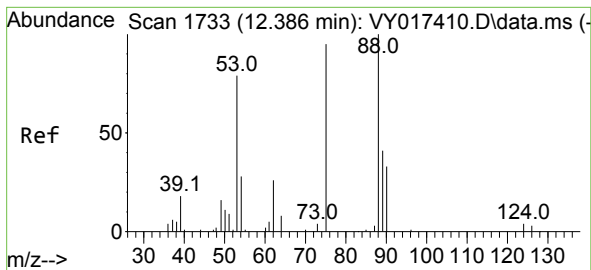
Tgt Ion: 91 Resp: 274024
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.292 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 105 Resp: 335090
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2

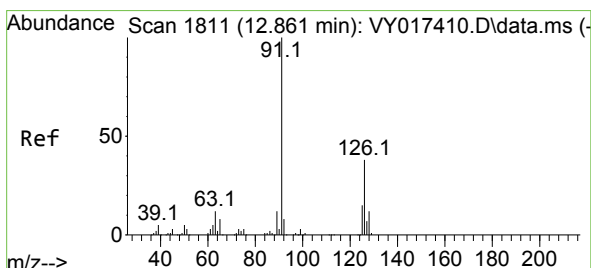
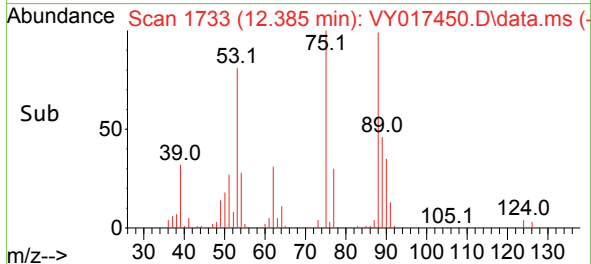
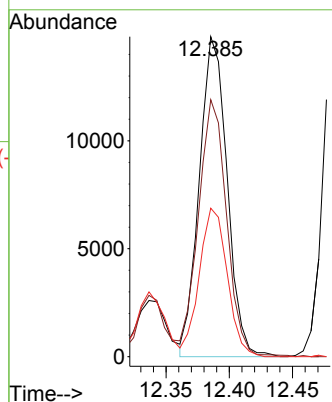
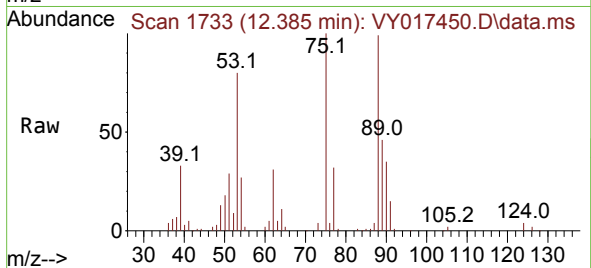




#81
trans-1,4-Dichloro-2-butene
Concen: 48.565 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

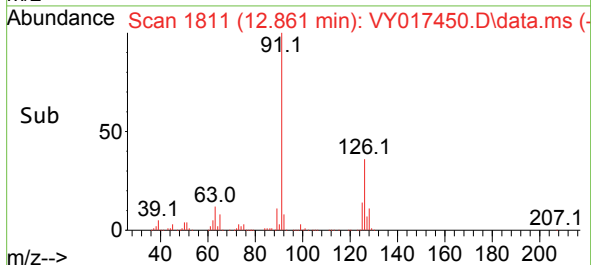
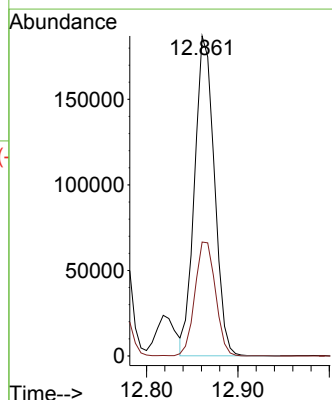
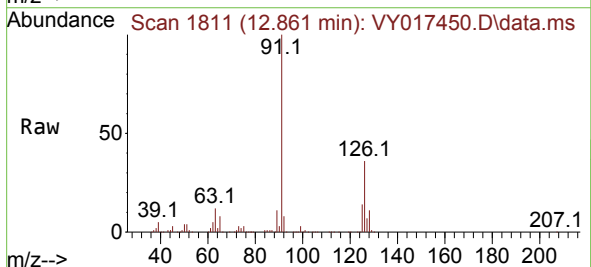
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

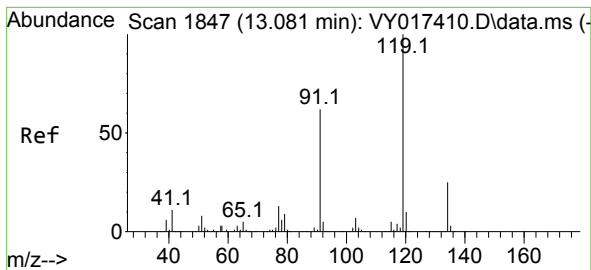
Tgt Ion: 75 Resp: 22682
Ion Ratio Lower Upper
75 100
53 81.3 66.8 100.2
89 46.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.175 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 91 Resp: 281268
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.121 ug/l

RT: 13.086 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

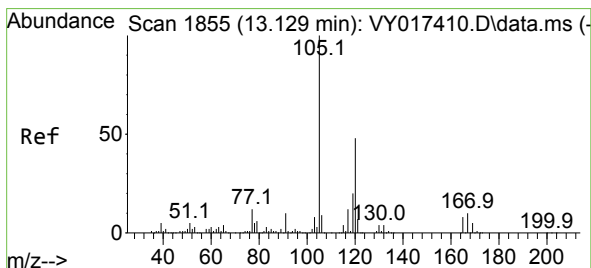
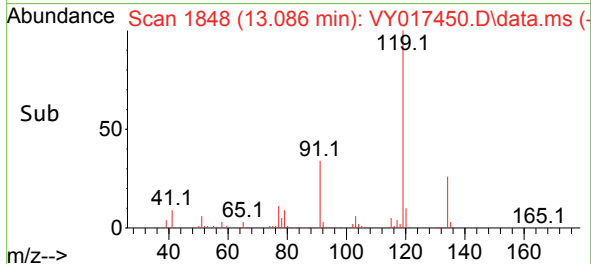
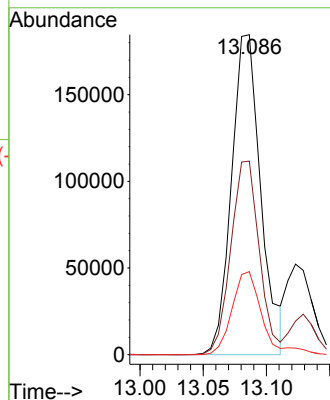
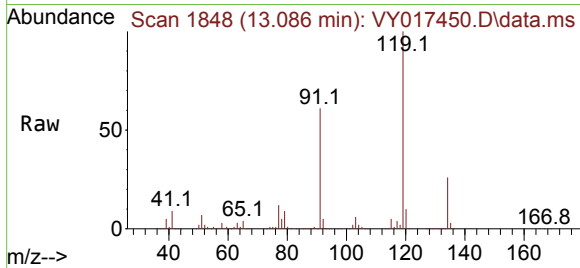
Tgt Ion:119 Resp: 297634

Ion Ratio Lower Upper

119 100

91 59.0 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.718 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY017450.D

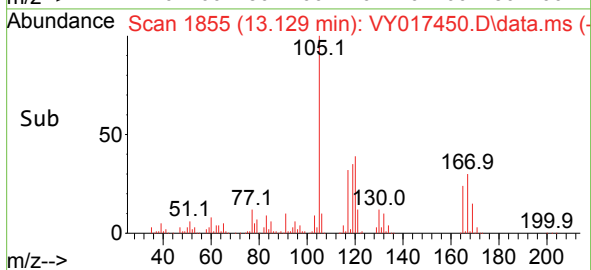
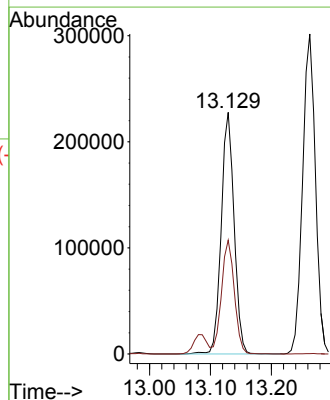
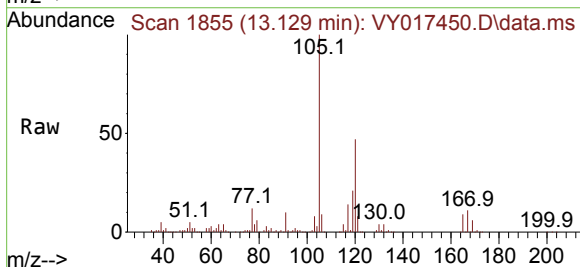
Acq: 21 Feb 2024 20:00

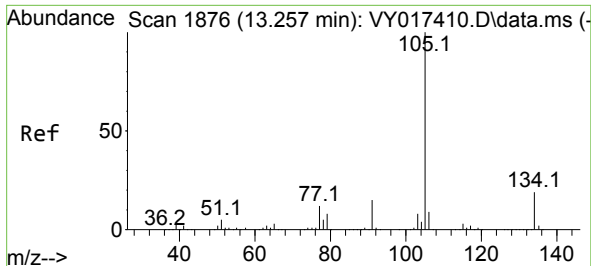
Tgt Ion:105 Resp: 334897

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6

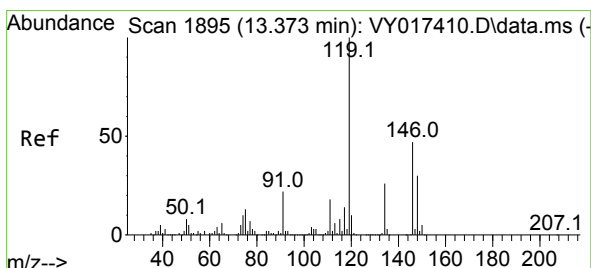
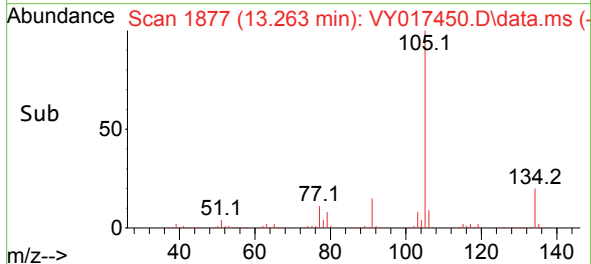
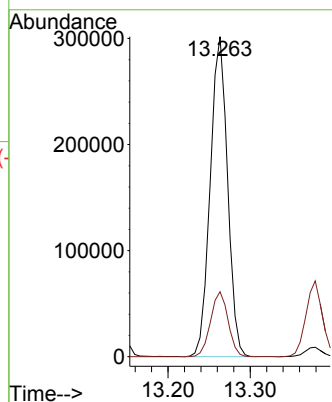
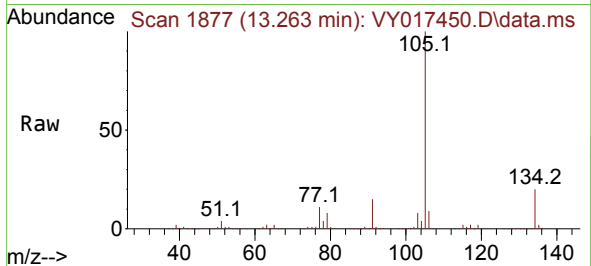




#85
 sec-Butylbenzene
 Concen: 47.386 ug/l
 RT: 13.263 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

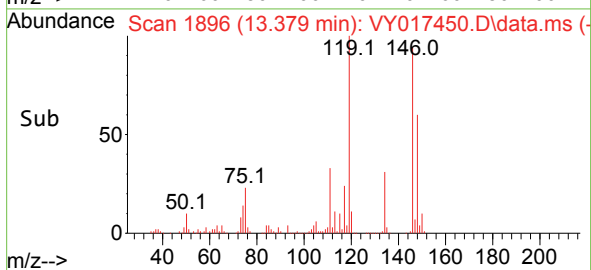
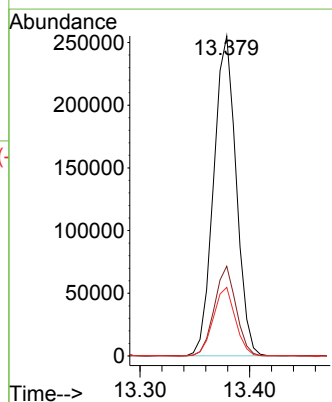
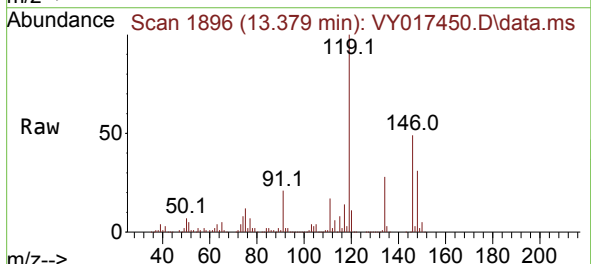
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

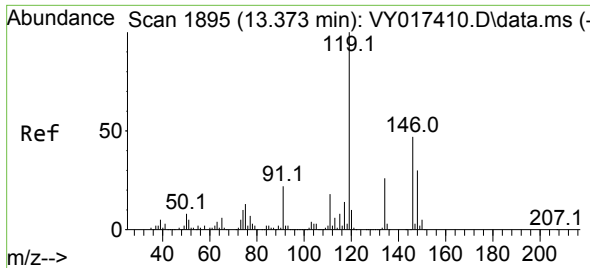
Tgt Ion:105 Resp: 440997
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.536 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017450.D
 Acq: 21 Feb 2024 20:00

Tgt Ion:119 Resp: 364372
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 21.0 10.7 32.1

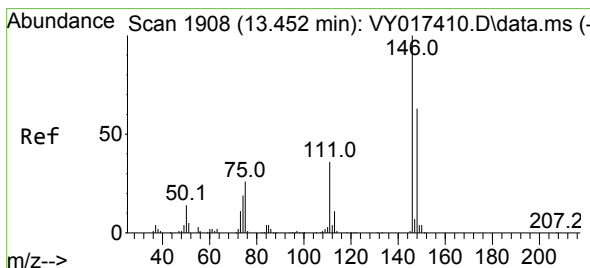
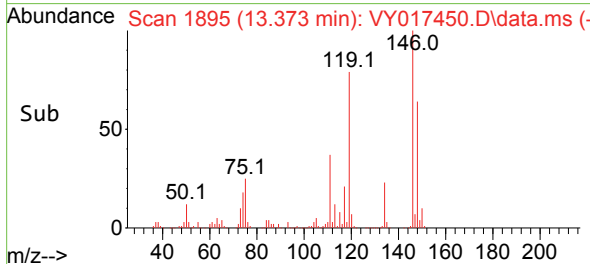
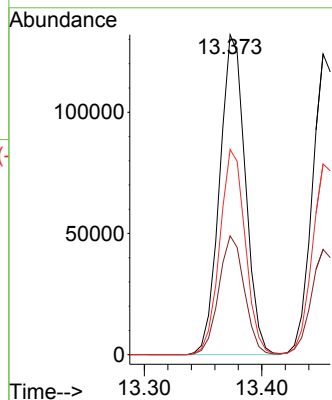
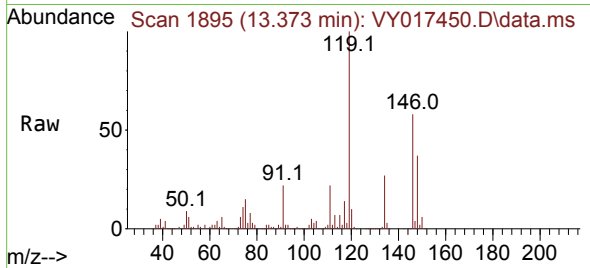




#87
1,3-Dichlorobenzene
Concen: 48.786 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

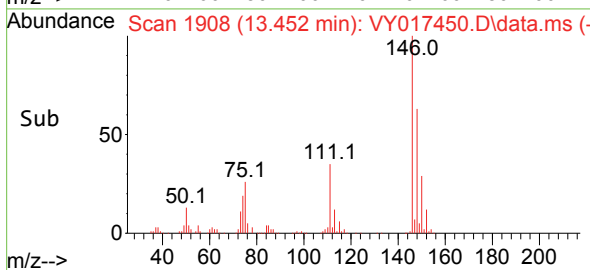
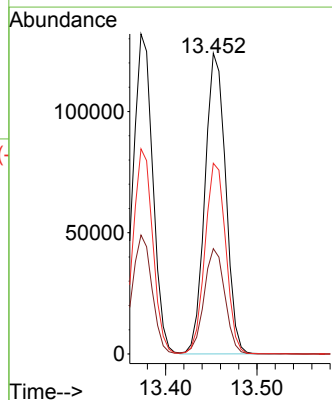
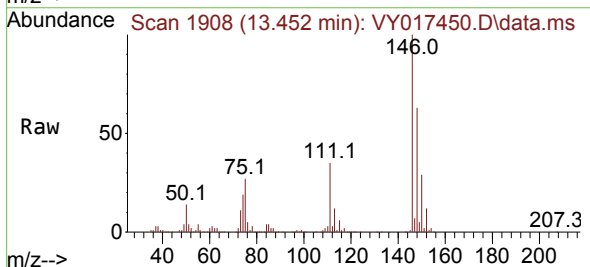
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

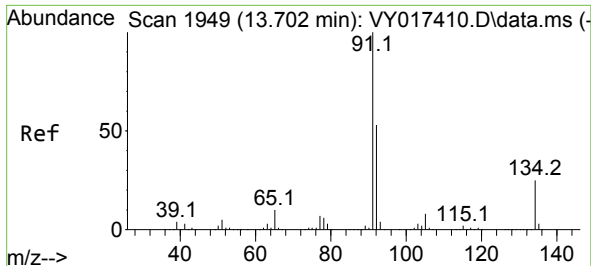
Tgt Ion:146 Resp: 200452
Ion Ratio Lower Upper
146 100
111 37.0 19.0 57.0
148 63.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.201 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion:146 Resp: 195197
Ion Ratio Lower Upper
146 100
111 35.4 18.4 55.4
148 63.7 32.4 97.2

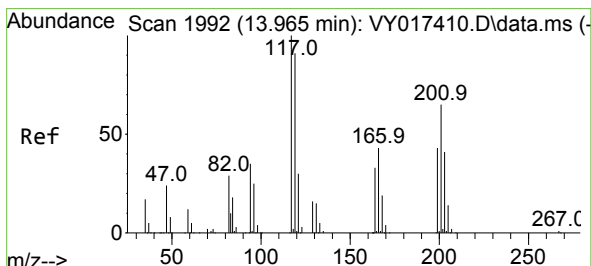
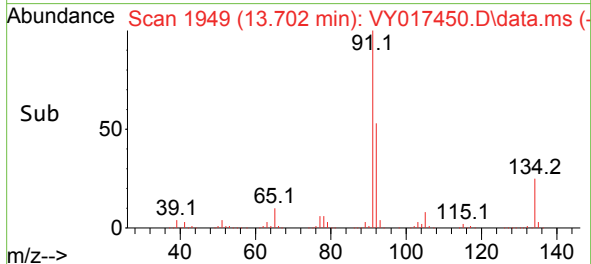
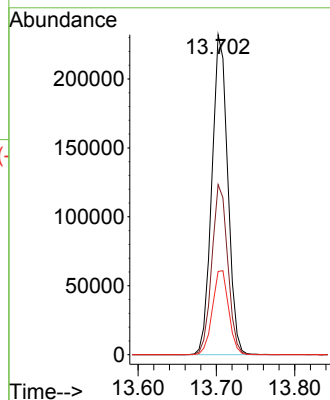
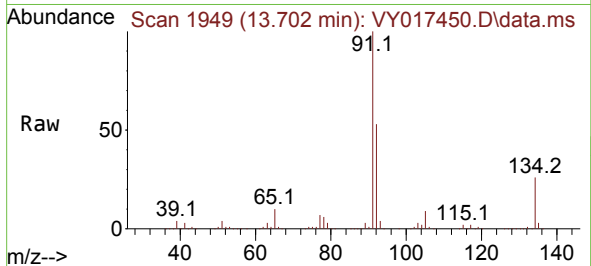




#89
n-Butylbenzene
Concen: 46.988 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

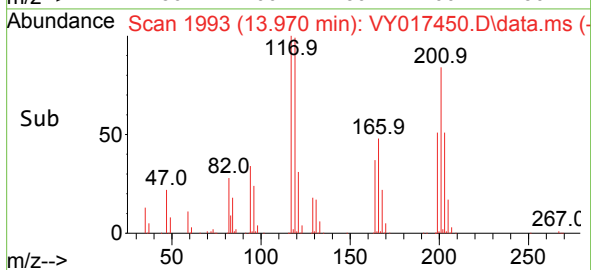
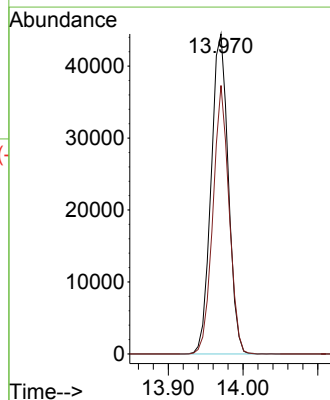
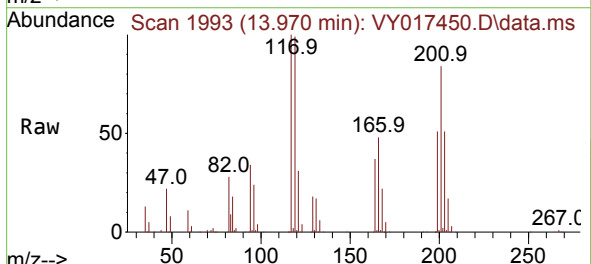
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

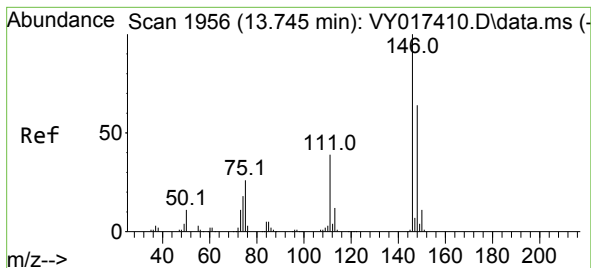
Tgt Ion: 91 Resp: 327575
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 26.8 12.9 38.7



#90
Hexachloroethane
Concen: 47.256 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion: 117 Resp: 70977
Ion Ratio Lower Upper
117 100
201 78.7 37.4 112.2

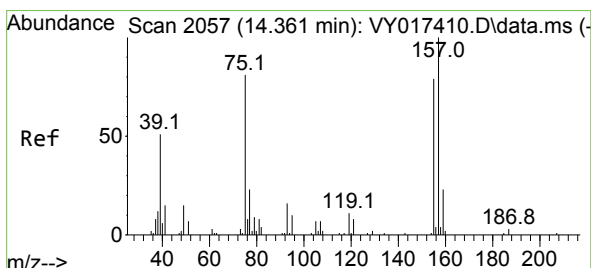
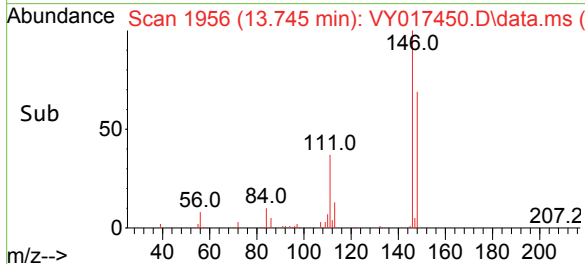
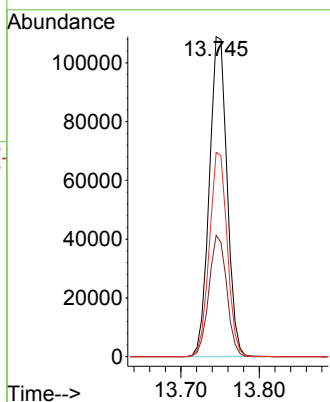
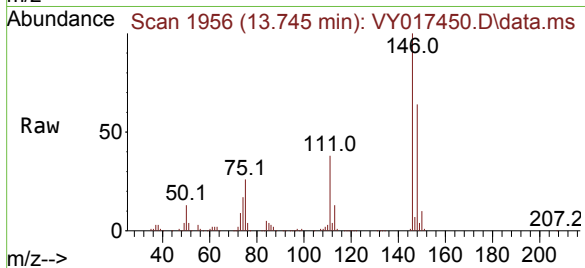




#91
1,2-Dichlorobenzene
Concen: 49.451 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

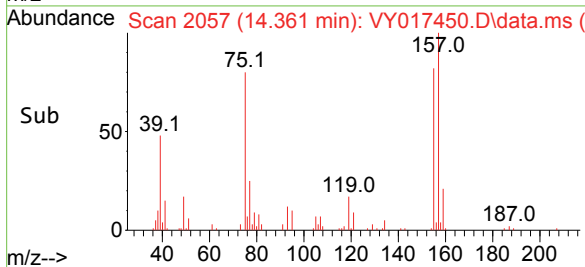
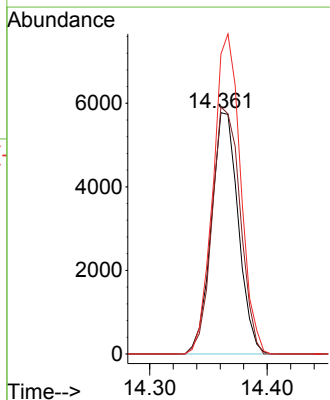
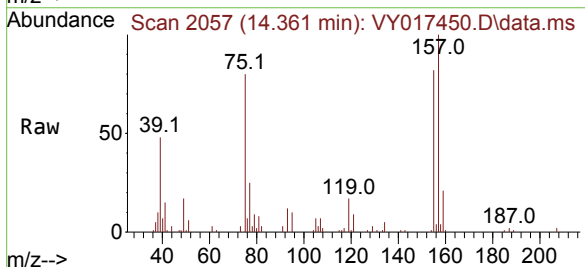
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

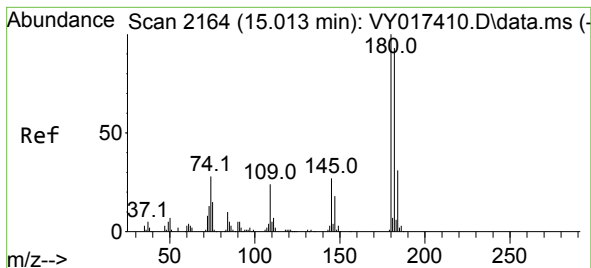
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.9	59.7
148	64.3	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.052 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY017450.D
Acq: 21 Feb 2024 20:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.5	48.6	145.8
157	133.9	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.458 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

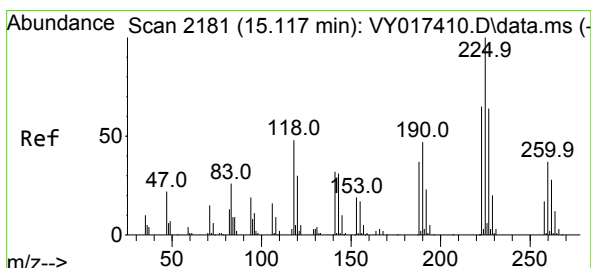
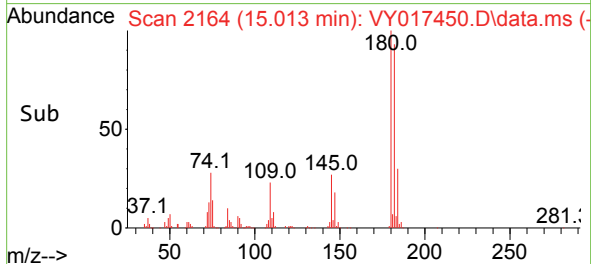
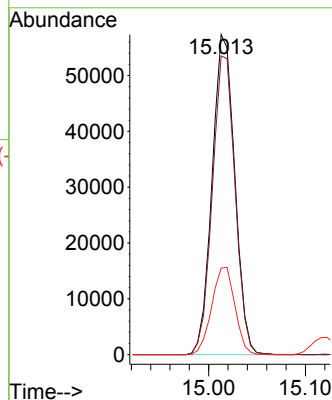
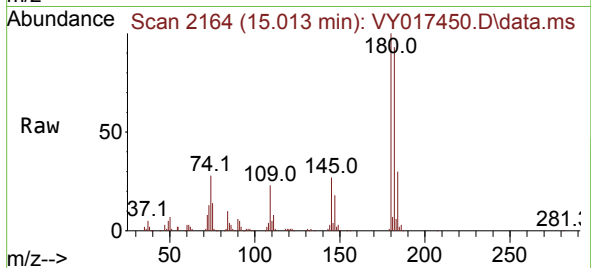
Tgt Ion:180 Resp: 93054

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.927 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

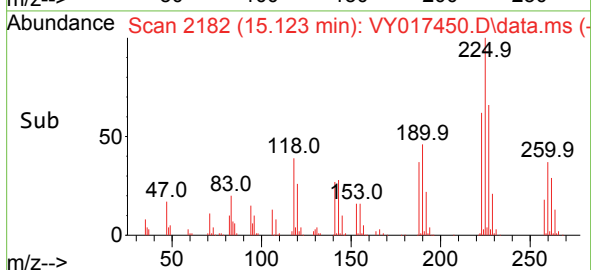
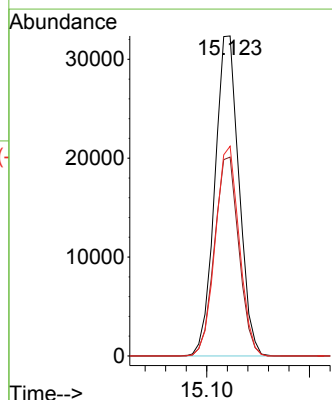
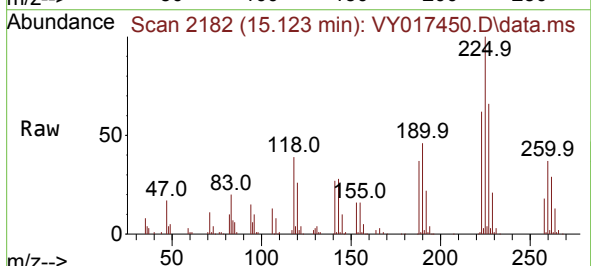
Tgt Ion:225 Resp: 52712

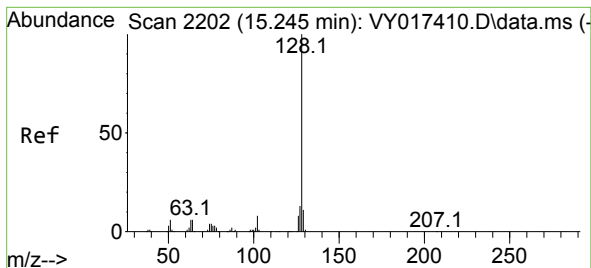
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 47.595 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

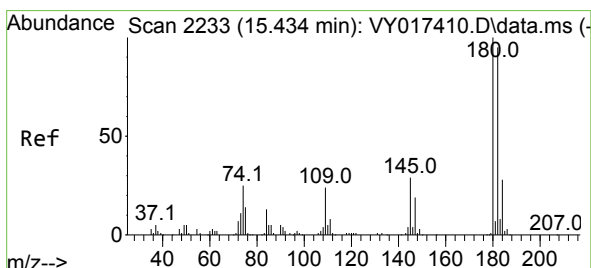
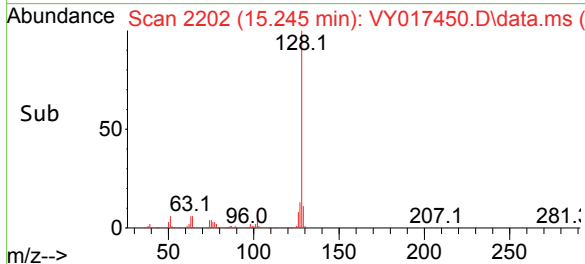
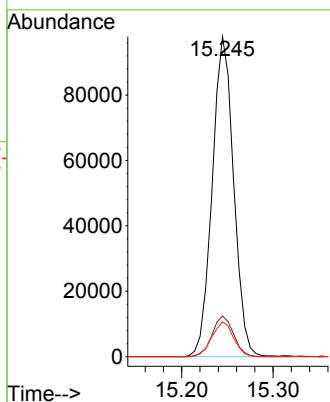
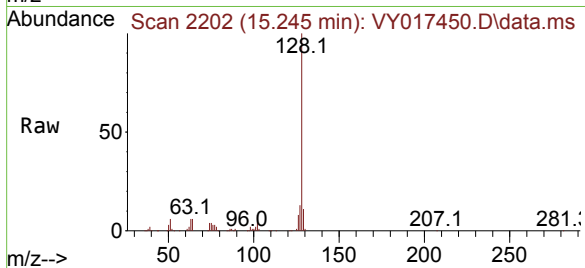
Tgt Ion:128 Resp: 159240

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.213 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017450.D

Acq: 21 Feb 2024 20:00

Tgt Ion:180 Resp: 77858

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 30.0 15.4 46.1

