

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018251.D
 Acq On : 14 May 2024 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 04:11:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85034	54.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.716	113	92909	49.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.960%	
50) Toluene-d8	10.179	98	375005	51.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.483	95	116004	49.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	74187	44.321	ug/l	97
3) Chloromethane	2.113	50	100375	44.797	ug/l	100
4) Vinyl Chloride	2.247	62	120034	44.192	ug/l	99
5) Bromomethane	2.650	94	83600	44.318	ug/l	98
6) Chloroethane	2.790	64	76722	44.507	ug/l	98
7) Trichlorofluoromethane	3.119	101	137240	43.136	ug/l	98
8) Diethyl Ether	3.521	74	44003	42.013	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	83757	41.307	ug/l	97
10) Methyl Iodide	4.082	142	98644	41.661	ug/l	99
11) Tert butyl alcohol	4.948	59	34179	250.462	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	86404	42.330	ug/l	89
13) Acrolein	3.722	56	40556	267.596	ug/l	100
14) Allyl chloride	4.472	41	113289	43.627	ug/l	98
15) Acrylonitrile	5.155	53	93190	231.370	ug/l	100
16) Acetone	3.936	43	88517	285.658	ug/l	91
17) Carbon Disulfide	4.186	76	240495	43.278	ug/l	98
18) Methyl Acetate	4.466	43	37033	41.955	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	200841	44.170	ug/l	97
20) Methylene Chloride	4.710	84	99381	45.375	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	92504	42.752	ug/l	93
22) Diisopropyl ether	6.112	45	240376	43.637	ug/l	96
23) Vinyl Acetate	6.051	43	778854	232.627	ug/l	98
24) 1,1-Dichloroethane	6.015	63	144586	42.616	ug/l	100
25) 2-Butanone	6.978	43	122623	247.560	ug/l	93
26) 2,2-Dichloropropane	6.972	77	133332	43.420	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	106637	41.703	ug/l	98
28) Bromochloromethane	7.325	49	64390	47.482	ug/l	99
29) Tetrahydrofuran	7.344	42	75100	229.692	ug/l	96
30) Chloroform	7.502	83	149194	42.122	ug/l	96
31) Cyclohexane	7.783	56	131010	43.072	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	136109	42.874	ug/l	99
36) 1,1-Dichloropropene	7.911	75	113932	42.754	ug/l	99
37) Ethyl Acetate	7.069	43	53090	47.334	ug/l	98
38) Carbon Tetrachloride	7.899	117	121142	41.604	ug/l	97
39) Methylcyclohexane	9.179	83	159459	41.478	ug/l	98
40) Benzene	8.155	78	357596	41.718	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	26062	40.239	ug/l	96
42) 1,2-Dichloroethane	8.234	62	84473	45.293	ug/l	99
43) Isopropyl Acetate	8.270	43	104898	45.628	ug/l	94
44) Trichloroethene	8.935	130	95234	40.813	ug/l	99
45) 1,2-Dichloropropane	9.215	63	77612	41.415	ug/l	99
46) Dibromomethane	9.301	93	46116	42.806	ug/l	98
47) Bromodichloromethane	9.496	83	112771	42.342	ug/l	99
48) Methyl methacrylate	9.289	41	46697	44.319	ug/l	94
49) 1,4-Dioxane	9.295	88	12383	865.935	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	268836	232.661	ug/l	95
52) Toluene	10.246	92	230926	41.847	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	108616	43.661	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	127613	41.965	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	63783	43.098	ug/l	97
56) Ethyl methacrylate	10.508	69	88256	43.909	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	104561	43.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	256260	267.002	ug/l	96
59) 2-Hexanone	10.831	43	196587	243.324	ug/l	93
60) Dibromochloromethane	10.983	129	81191	42.285	ug/l	98
61) 1,2-Dibromoethane	11.087	107	58958	42.295	ug/l	99
64) Tetrachloroethene	10.721	164	81245	40.379	ug/l	93
65) Chlorobenzene	11.514	112	254007	41.270	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	83143	41.762	ug/l	98
67) Ethyl Benzene	11.593	91	429032	41.285	ug/l	97
68) m/p-Xylenes	11.703	106	342162	83.261	ug/l	96
69) o-Xylene	12.032	106	164117	41.614	ug/l	94
70) Styrene	12.044	104	273807	41.574	ug/l	98
71) Bromoform	12.209	173	45376	41.193	ug/l #	98
73) Isopropylbenzene	12.331	105	417606	41.146	ug/l	99
74) N-amyl acetate	12.142	43	92779	44.036	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	69000	42.618	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	86190	79.545	ug/l #	100
77) Bromobenzene	12.611	156	94967	40.730	ug/l	97
78) n-propylbenzene	12.672	91	491654	41.647	ug/l	97
79) 2-Chlorotoluene	12.757	91	265338	40.448	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	330080	41.244	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	24136	42.917	ug/l	99
82) 4-Chlorotoluene	12.855	91	264732	40.175	ug/l	94
83) tert-Butylbenzene	13.074	119	300468	40.703	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	325679	41.543	ug/l	99
85) sec-Butylbenzene	13.257	105	450093	41.568	ug/l	99
86) p-Isopropyltoluene	13.373	119	369708	41.504	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	185279	41.147	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	184815	42.102	ug/l	99
89) n-Butylbenzene	13.696	91	342576	42.495	ug/l	99
90) Hexachloroethane	13.965	117	70065	40.093	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	161609	41.757	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9302	42.194	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	93891	43.153	ug/l	98
94) Hexachlorobutadiene	15.111	225	50223	41.836	ug/l	98
95) Naphthalene	15.239	128	179490	45.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79048	44.270	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

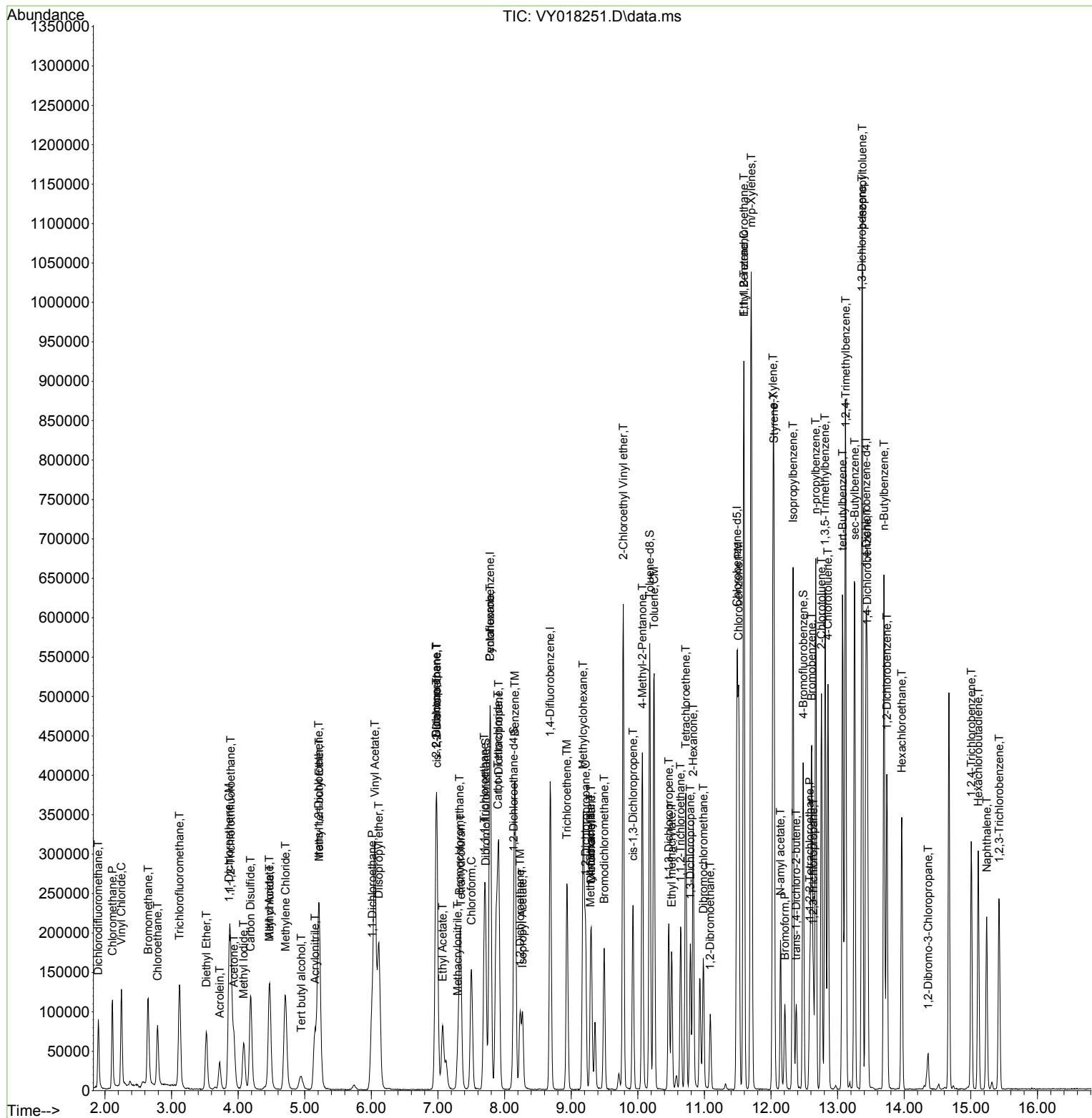
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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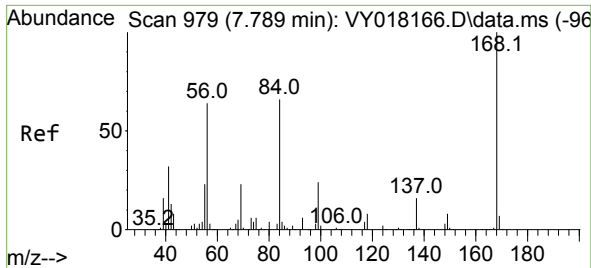
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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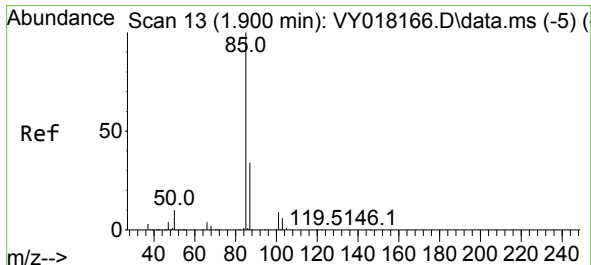
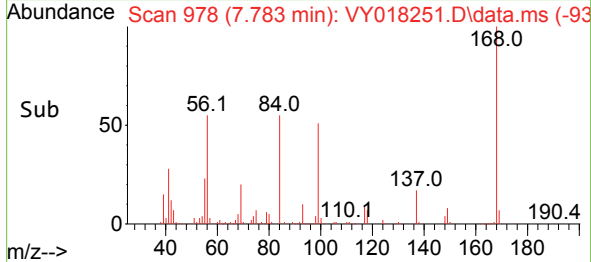
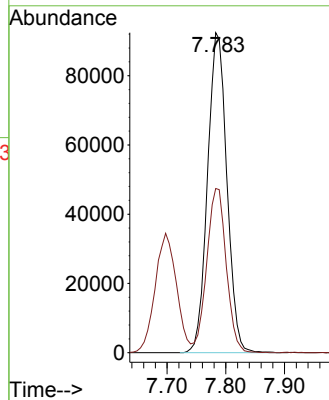
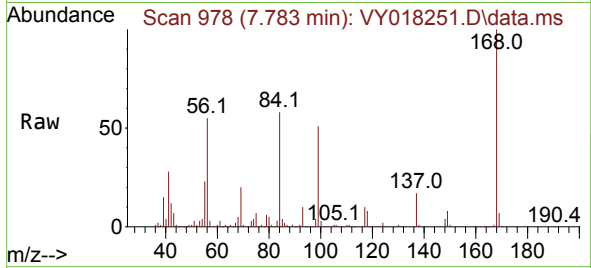




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018251.D
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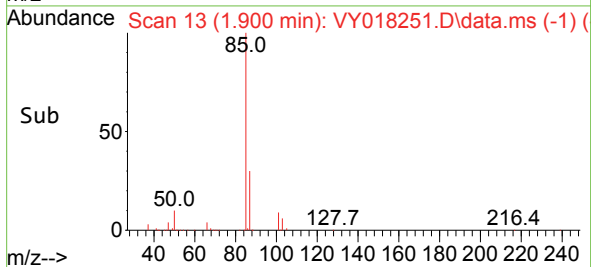
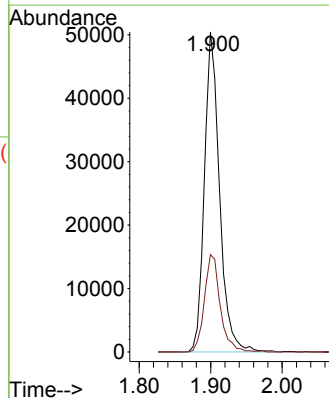
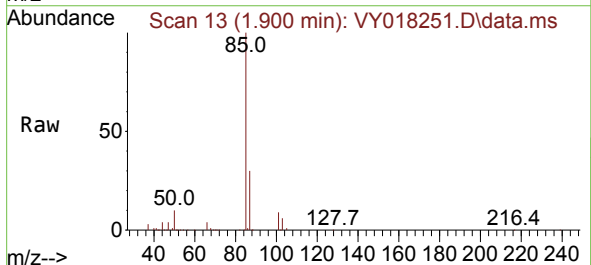
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

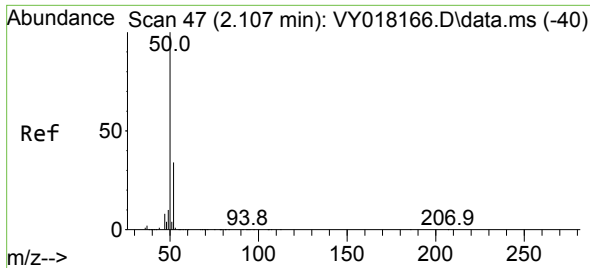
Tgt Ion:168 Resp: 211069
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.321 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 85 Resp: 74187
Ion Ratio Lower Upper
85 100
87 30.4 16.0 48.0

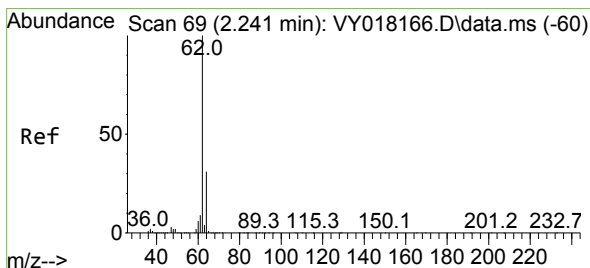
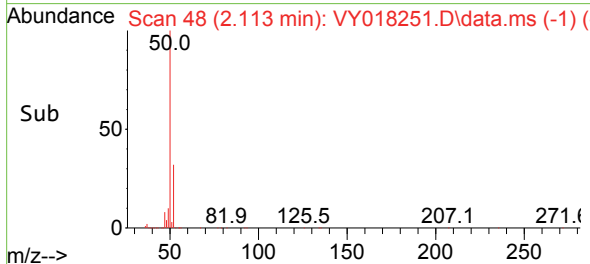
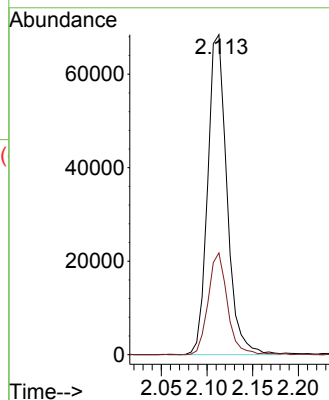
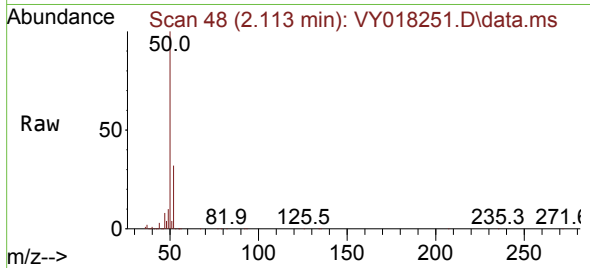




#3
Chloromethane
Concen: 44.797 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

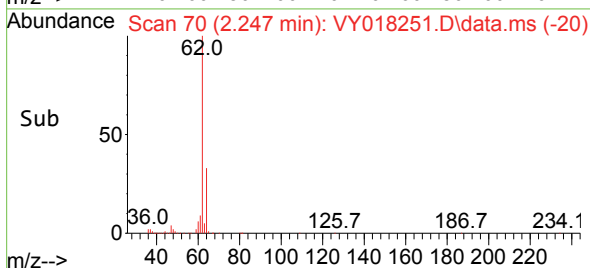
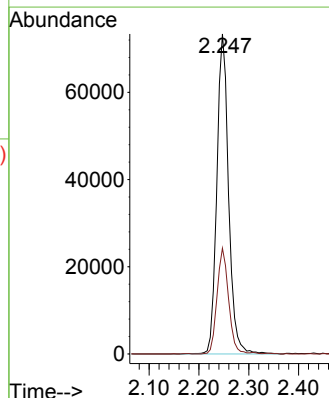
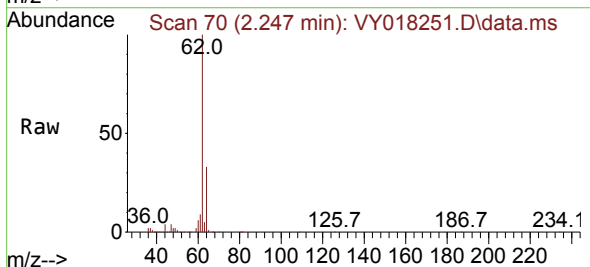
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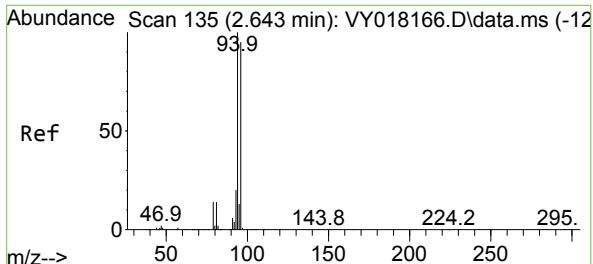
Tgt Ion: 50 Resp: 100375
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4



#4
Vinyl Chloride
Concen: 44.192 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 62 Resp: 120034
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1

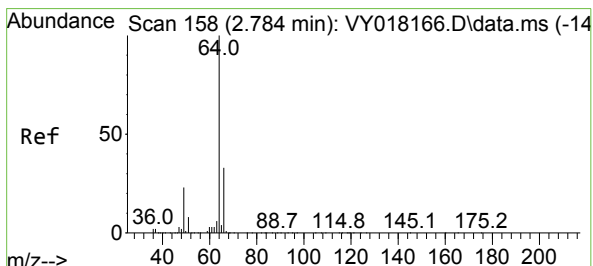
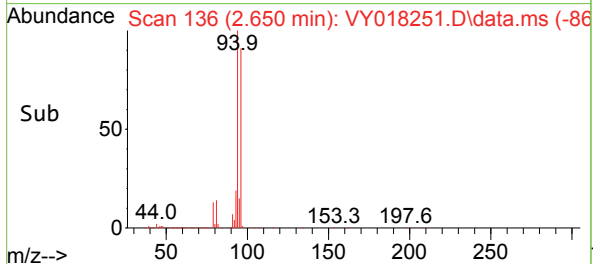
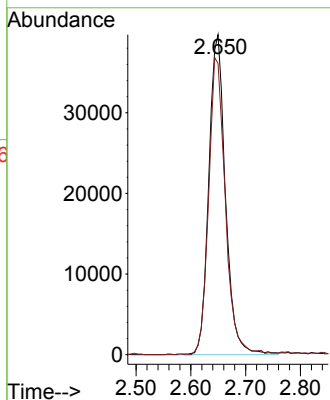
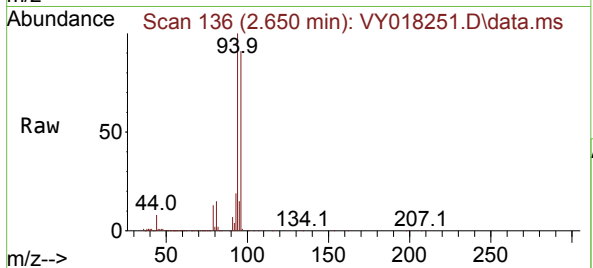




#5
Bromomethane
Concen: 44.318 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

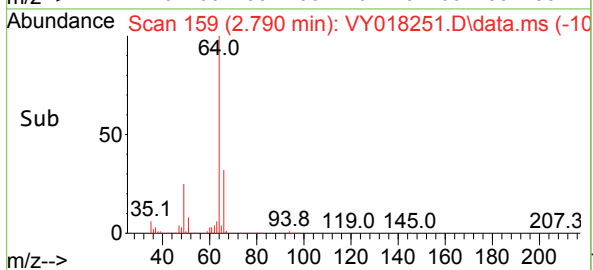
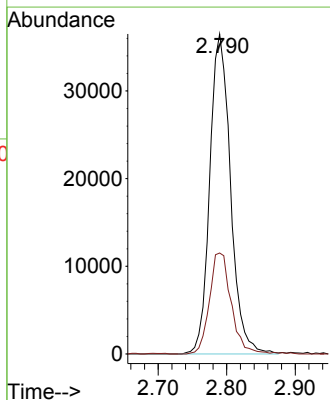
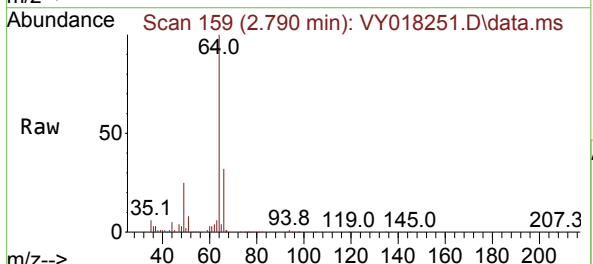
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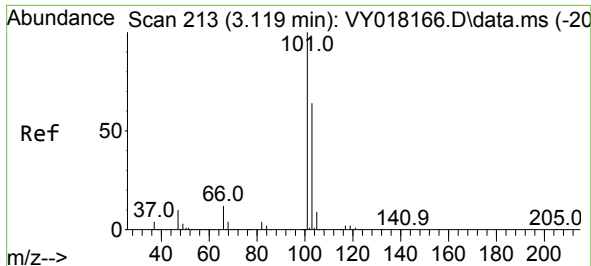
Tgt Ion: 94 Resp: 83600
Ion Ratio Lower Upper
94 100
96 90.8 74.1 111.1



#6
Chloroethane
Concen: 44.507 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 64 Resp: 76722
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

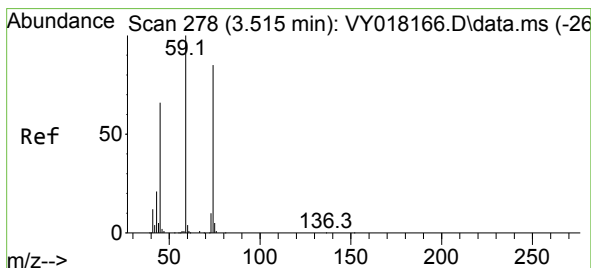
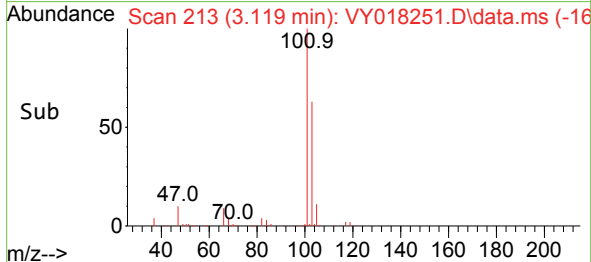
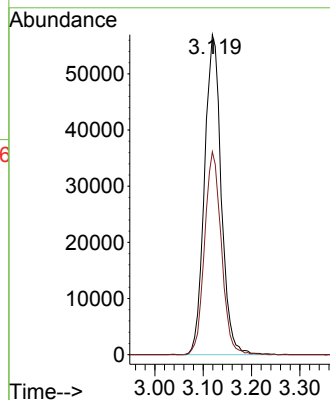
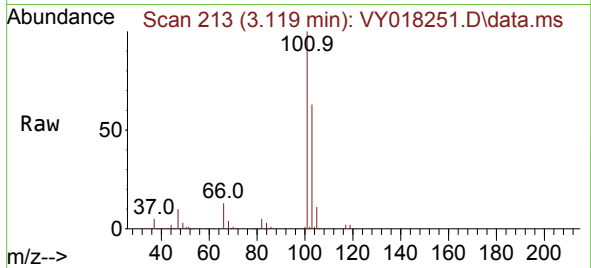




#7
 Trichlorofluoromethane
 Concen: 43.136 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY018251.D
 Acq: 14 May 2024 11:21

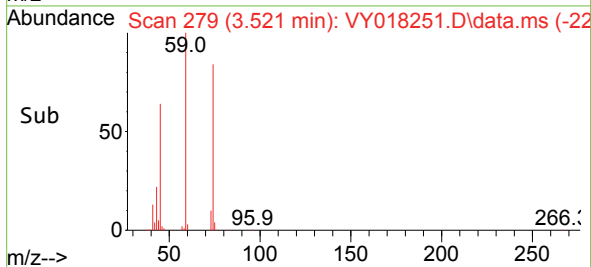
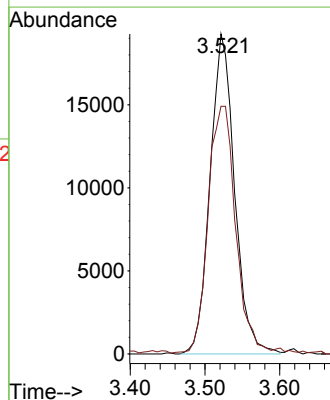
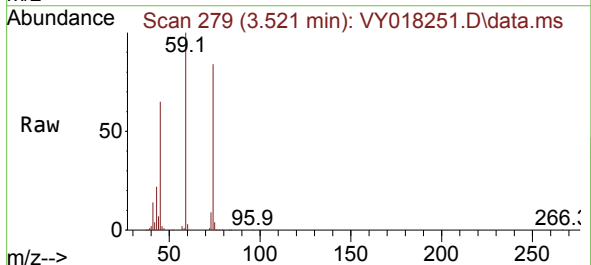
Instrument :
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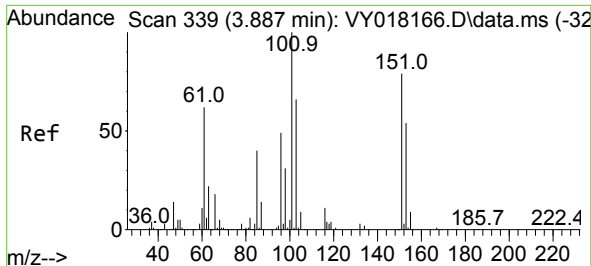
Tgt Ion:101 Resp: 137240
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 42.013 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018251.D
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Tgt Ion: 74 Resp: 44003
 Ion Ratio Lower Upper
 74 100
 45 85.0 41.3 124.1

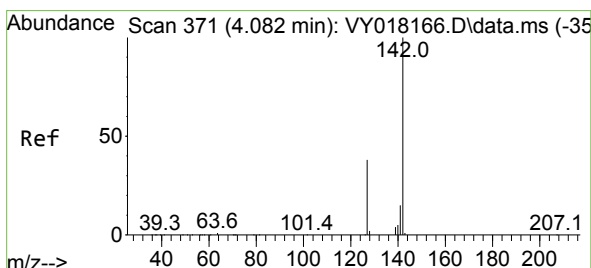
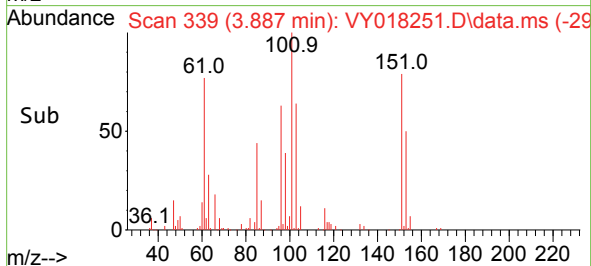
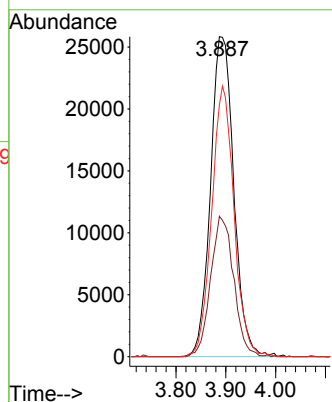
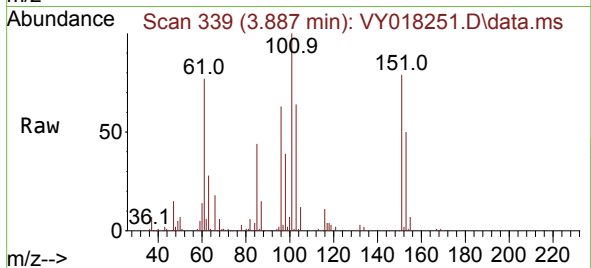




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.307 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

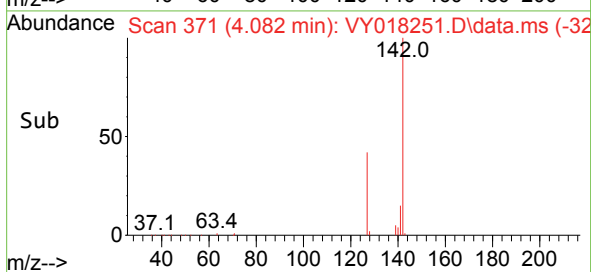
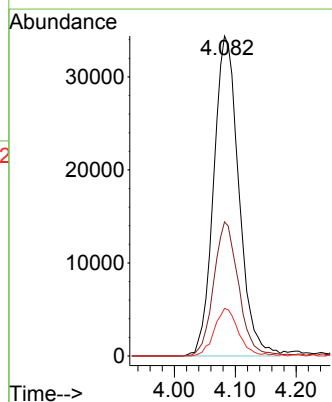
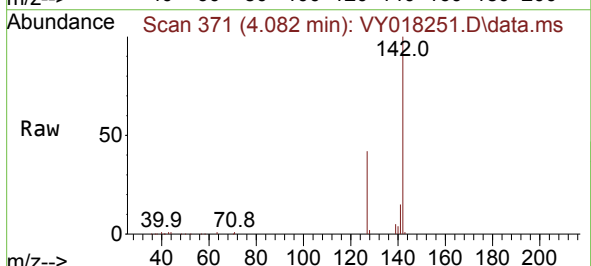
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

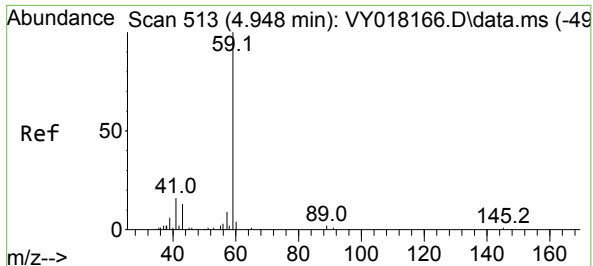
Tgt Ion:101 Resp: 83757
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 81.2 61.7 92.5



#10
Methyl Iodide
Concen: 41.661 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion:142 Resp: 98644
Ion Ratio Lower Upper
142 100
127 41.6 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 250.462 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

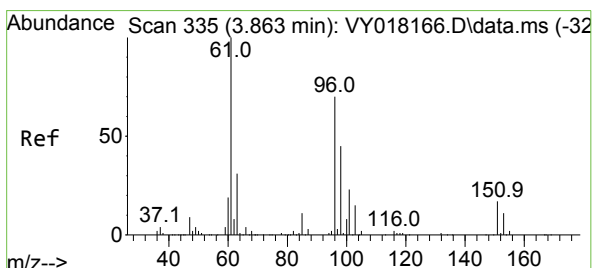
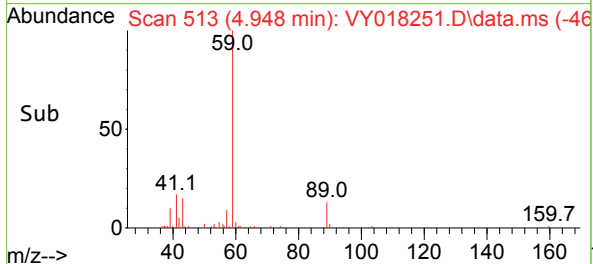
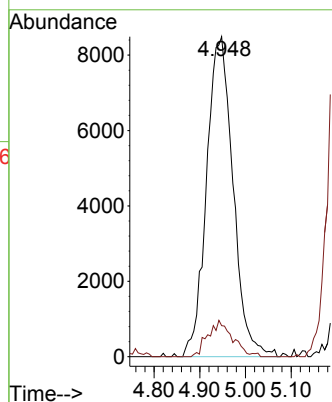
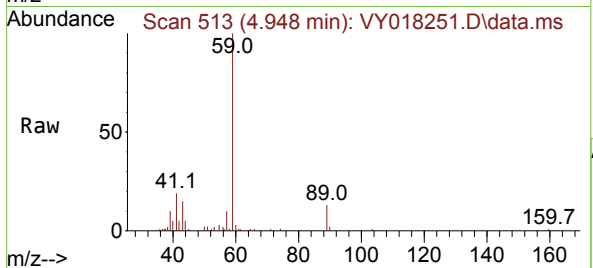
VSTDCCC050

Tgt Ion: 59 Resp: 34179

Ion Ratio Lower Upper

59 100

57 10.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 42.330 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

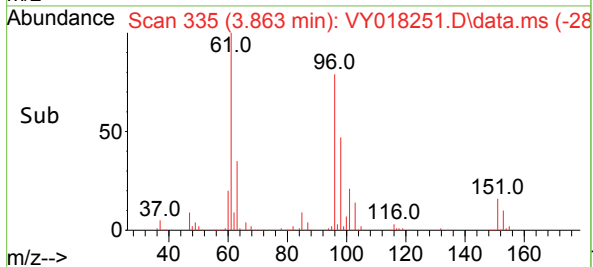
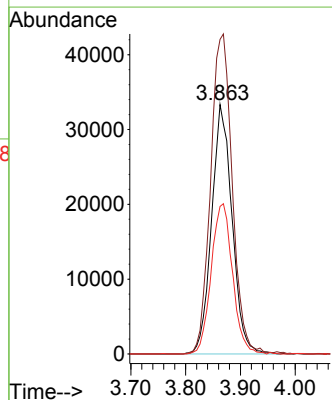
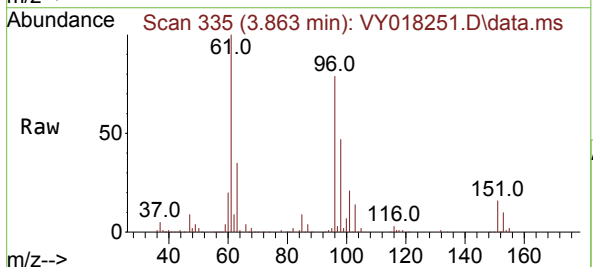
Tgt Ion: 96 Resp: 86404

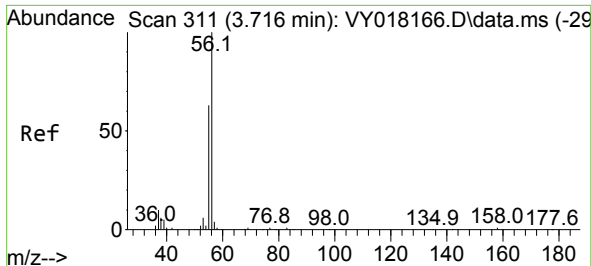
Ion Ratio Lower Upper

96 100

61 126.0 114.6 171.8

98 59.2 50.8 76.2

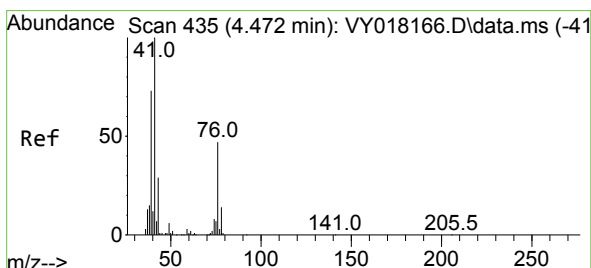
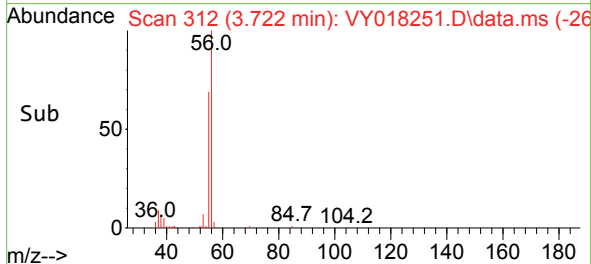
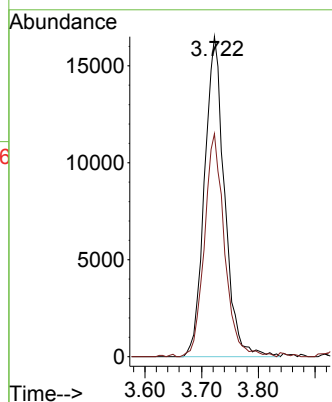
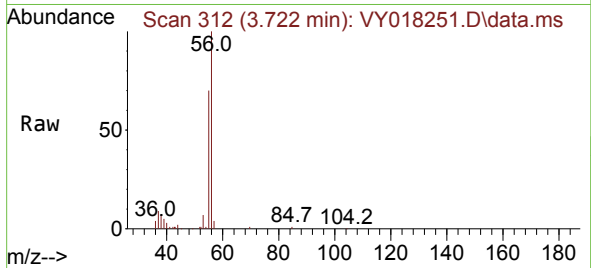




#13
Acrolein
Concen: 267.596 ug/l
RT: 3.722 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

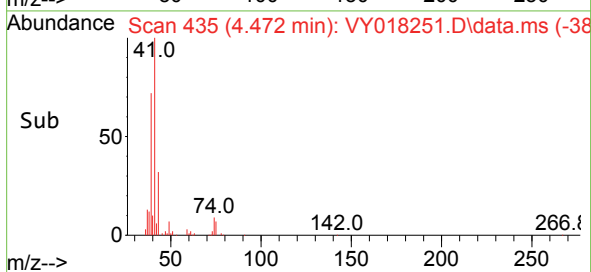
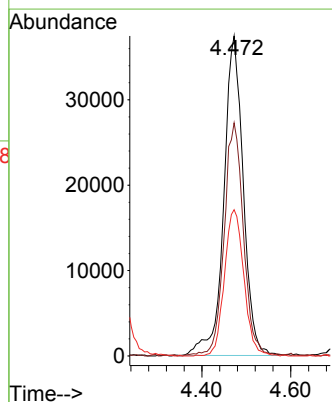
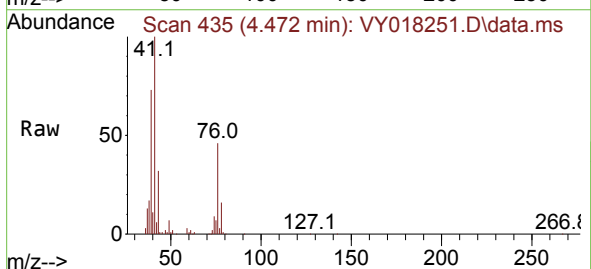
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

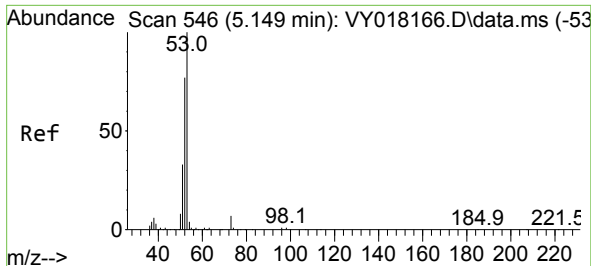
Tgt Ion: 56 Resp: 40556
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 43.627 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 41 Resp: 113289
Ion Ratio Lower Upper
41 100
39 72.8 58.3 87.5
76 45.9 39.0 58.6

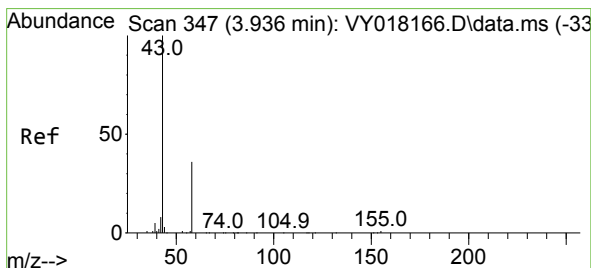
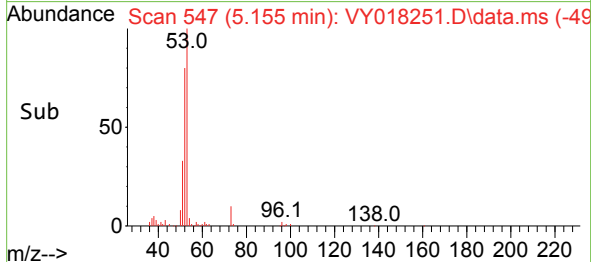
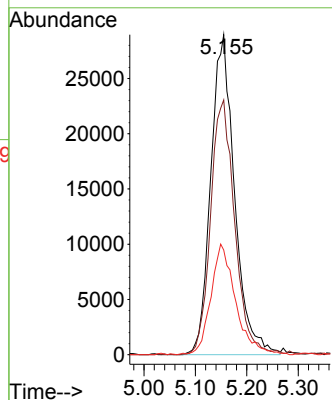
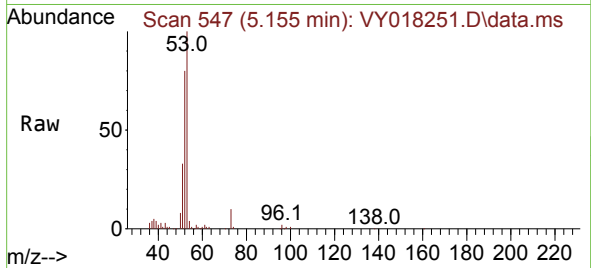




#15
Acrylonitrile
Concen: 231.370 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

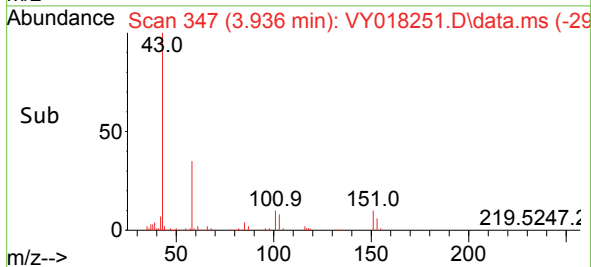
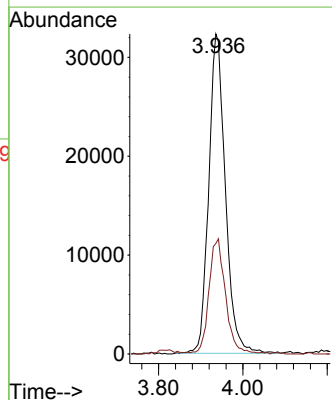
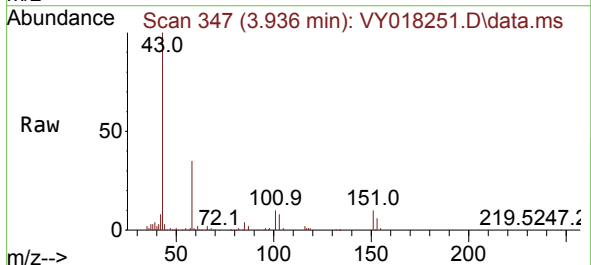
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

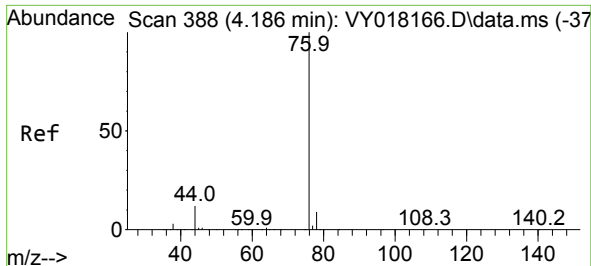
Tgt Ion: 53 Resp: 93190
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 36.0 28.4 42.6



#16
Acetone
Concen: 285.658 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 43 Resp: 88517
Ion Ratio Lower Upper
43 100
58 34.4 31.7 47.5

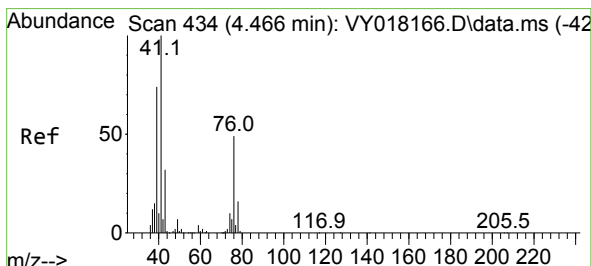
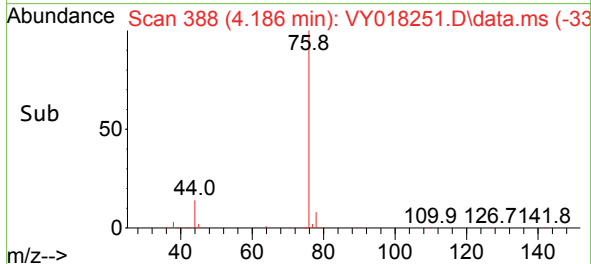
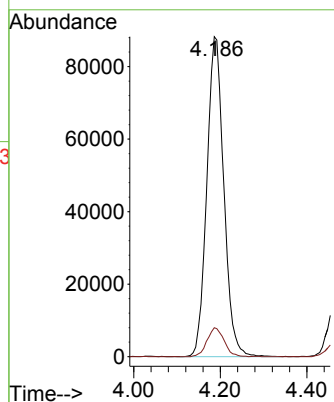
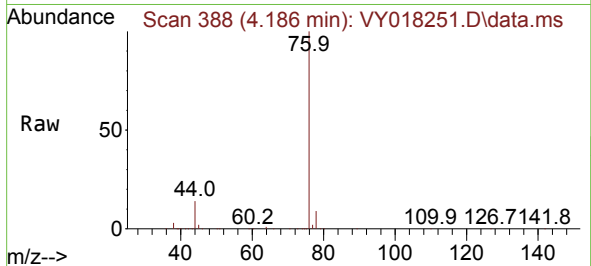




#17
Carbon Disulfide
Concen: 43.278 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

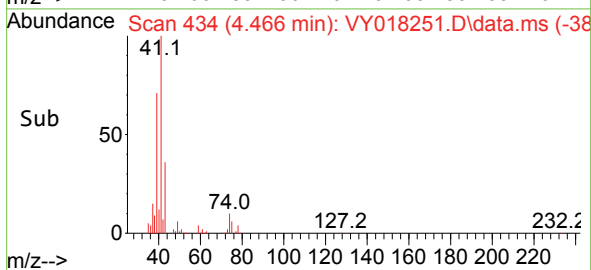
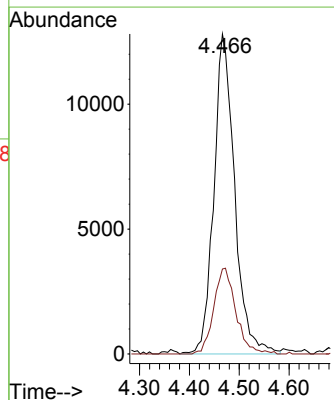
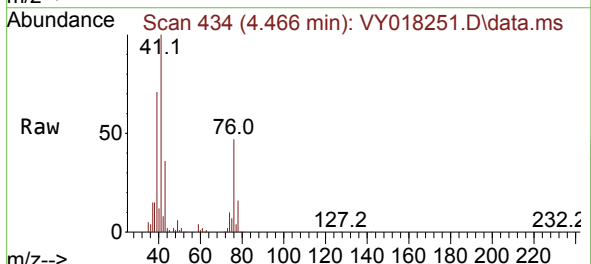
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

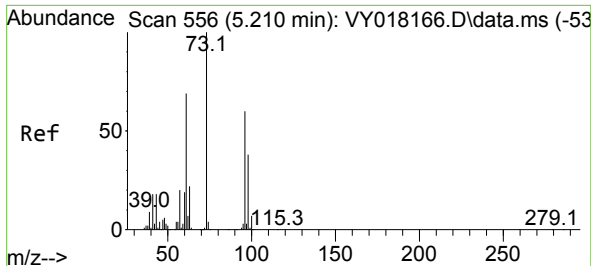
Tgt Ion: 76 Resp: 240495
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 41.955 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 43 Resp: 37033
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9

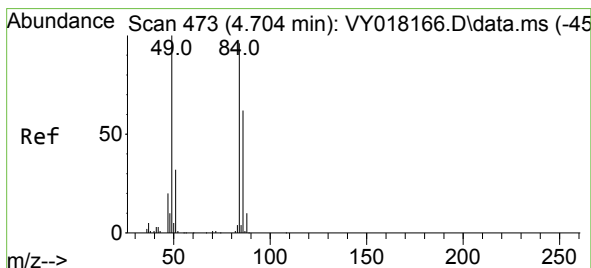
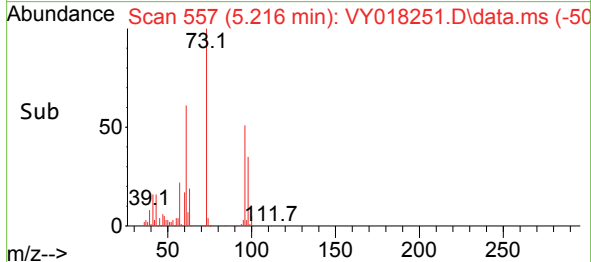
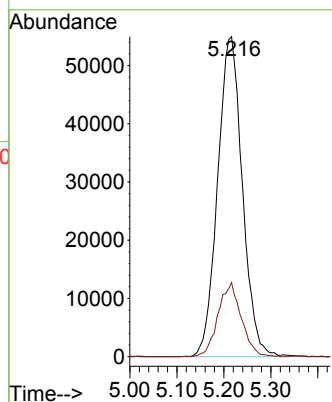
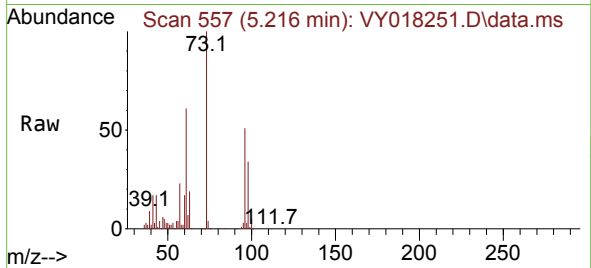




#19
Methyl tert-butyl Ether
Concen: 44.170 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

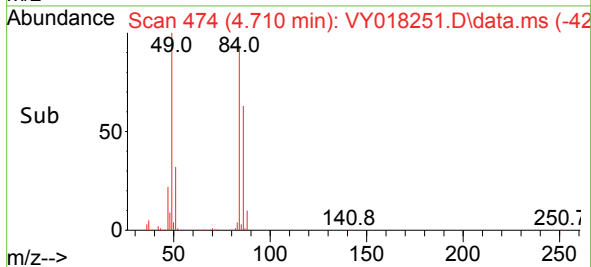
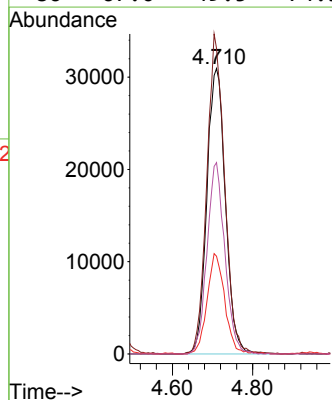
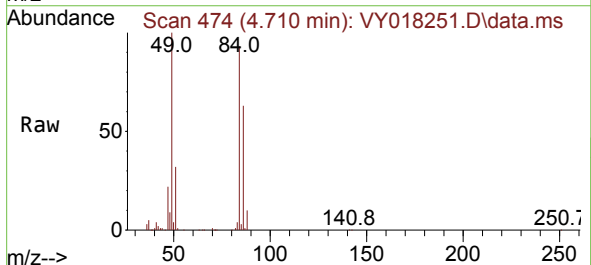
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

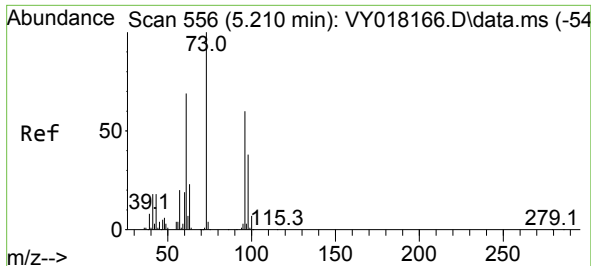
Tgt Ion: 73 Resp: 200841
Ion Ratio Lower Upper
73 100
57 23.2 17.3 25.9



#20
Methylene Chloride
Concen: 45.375 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 84 Resp: 99381
Ion Ratio Lower Upper
84 100
49 107.1 84.4 126.6
51 34.2 26.0 39.0
86 67.0 49.5 74.3

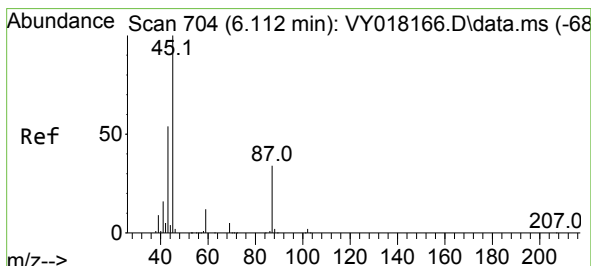
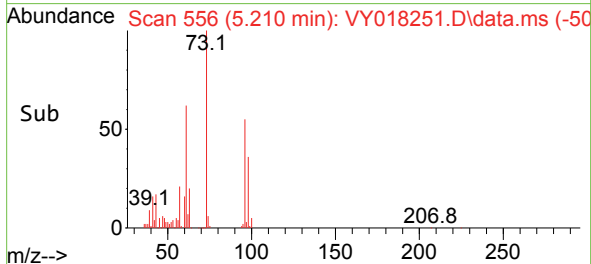
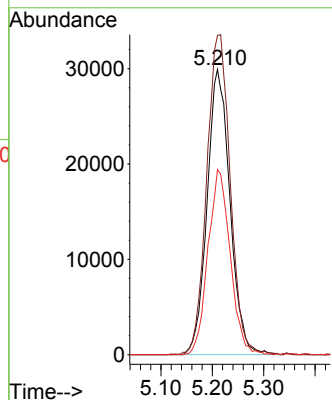
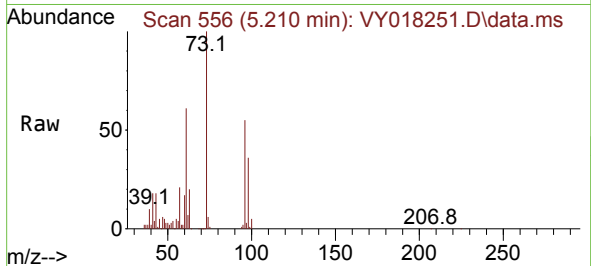




#21
trans-1,2-Dichloroethene
Concen: 42.752 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

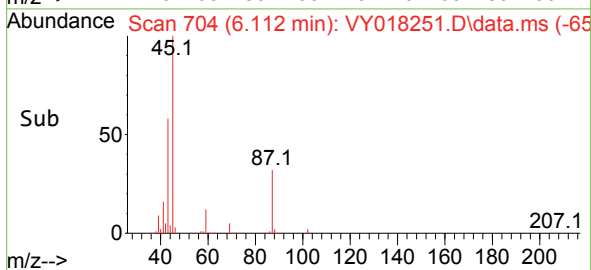
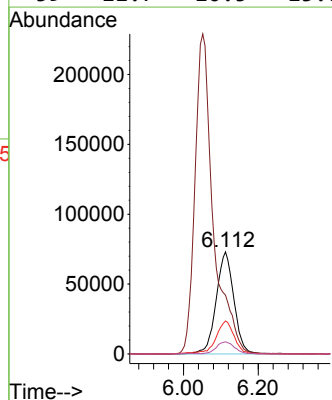
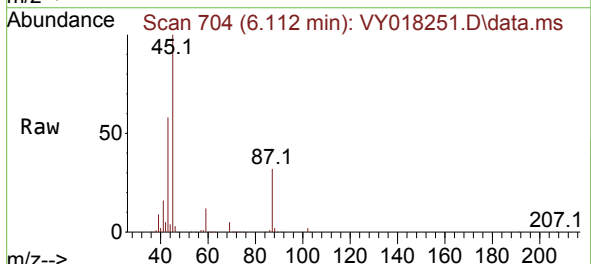
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

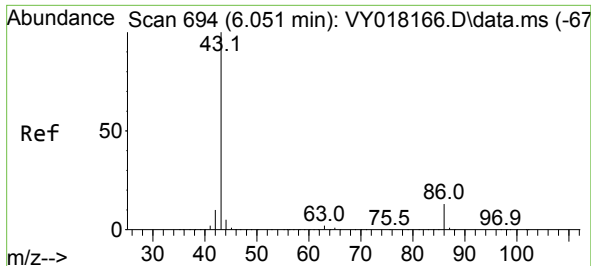
Tgt Ion: 96 Resp: 92504
Ion Ratio Lower Upper
96 100
61 111.9 97.5 146.3
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 43.637 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 45 Resp: 240376
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 32.2 25.0 37.6
59 11.7 10.5 15.7

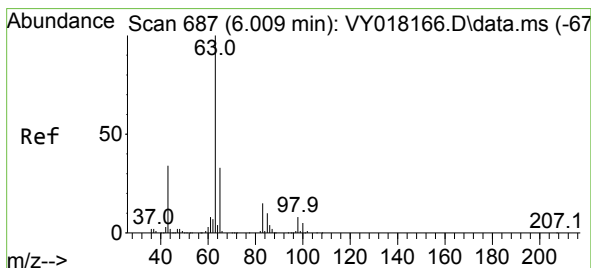
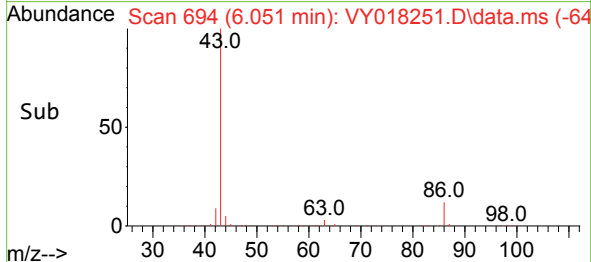
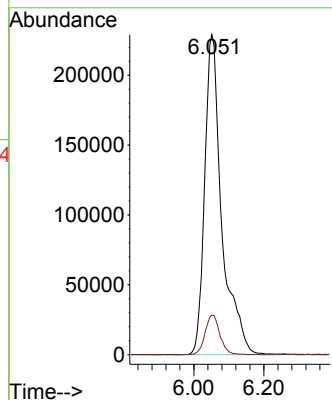
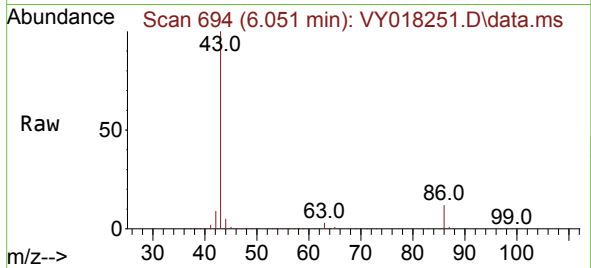




#23
 Vinyl Acetate
 Concen: 232.627 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY018251.D
 Acq: 14 May 2024 11:21

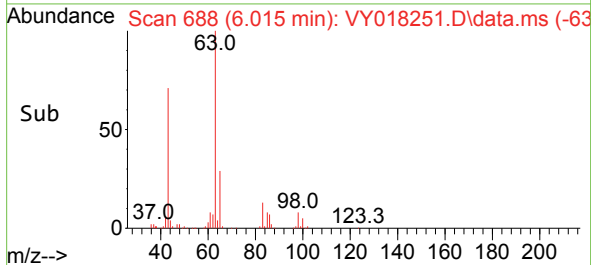
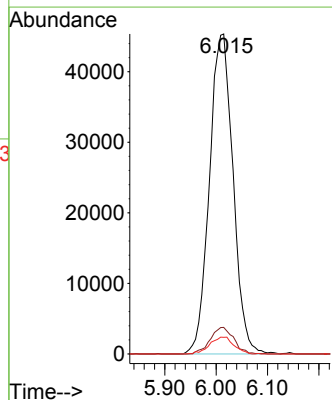
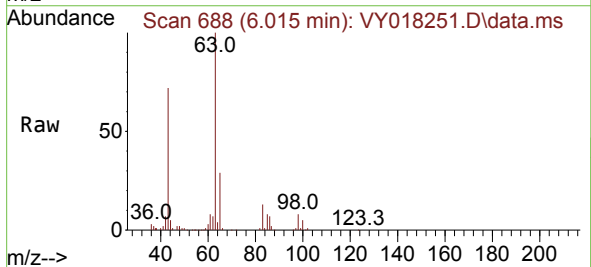
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

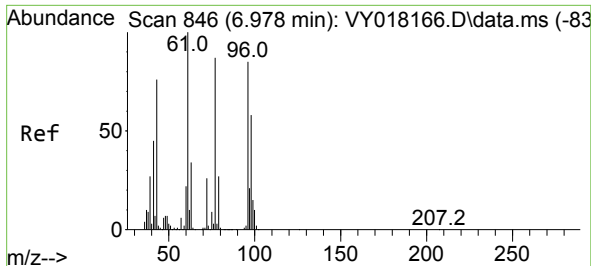
Tgt Ion: 43 Resp: 778854
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 42.616 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY018251.D
 Acq: 14 May 2024 11:21

Tgt Ion: 63 Resp: 144586
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 5.2 2.6 8.0

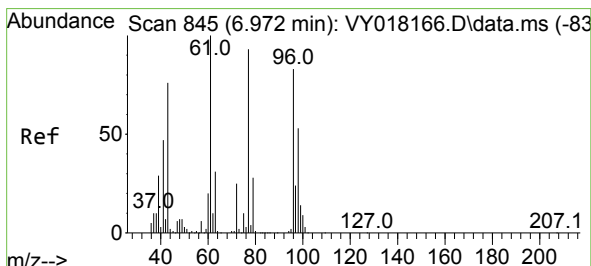
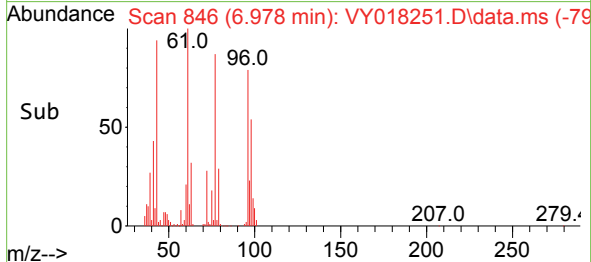
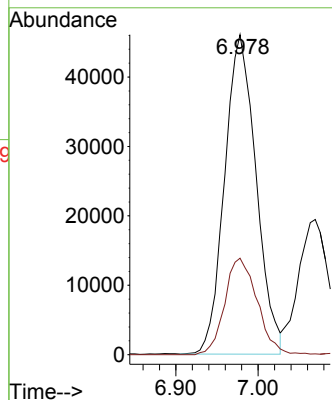
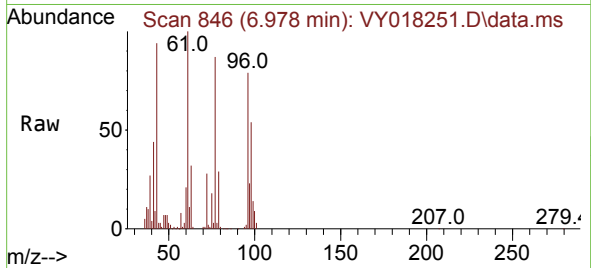




#25
2-Butanone
Concen: 247.560 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

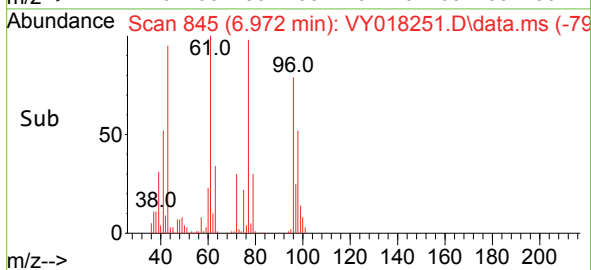
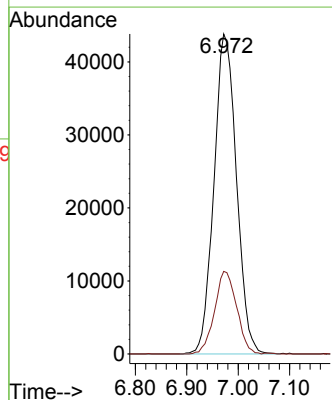
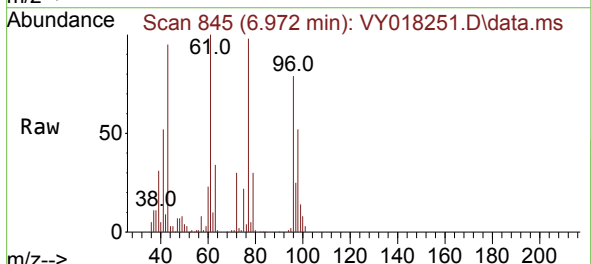
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

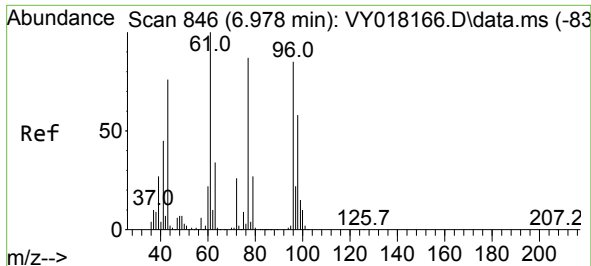
Tgt Ion: 43 Resp: 122623
Ion Ratio Lower Upper
43 100
72 30.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 43.420 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 77 Resp: 133332
Ion Ratio Lower Upper
77 100
97 25.3 12.0 36.1

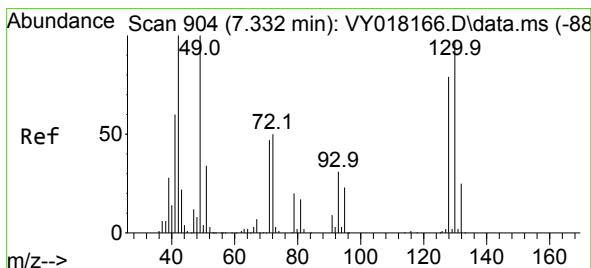
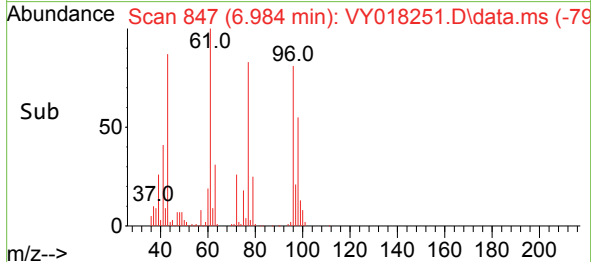
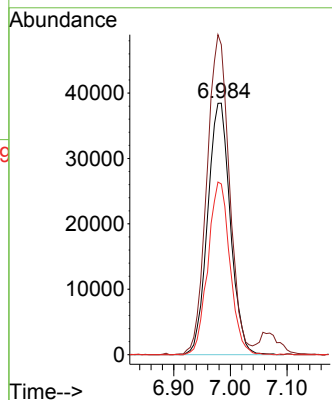
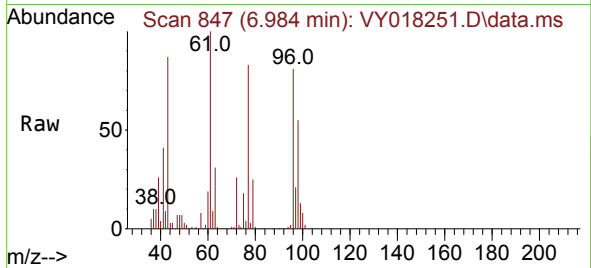




#27
 cis-1,2-Dichloroethene
 Concen: 41.703 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018251.D
 Acq: 14 May 2024 11:21

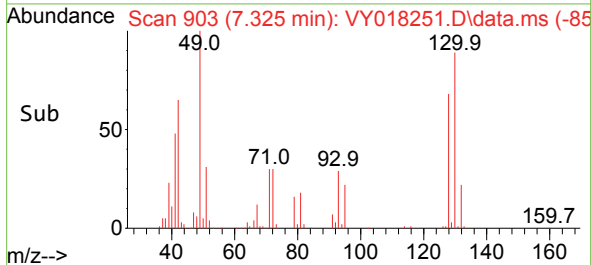
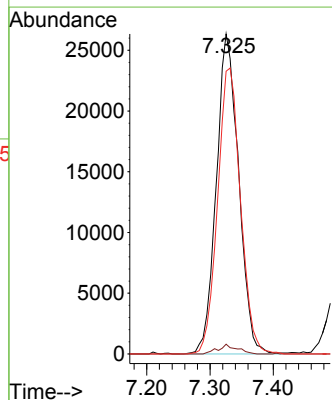
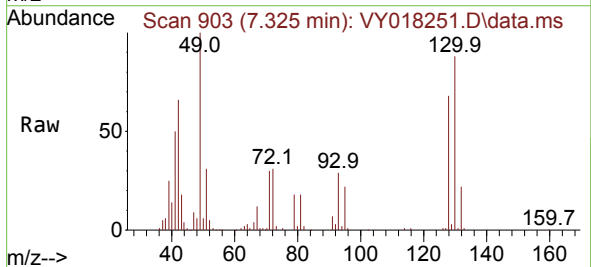
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

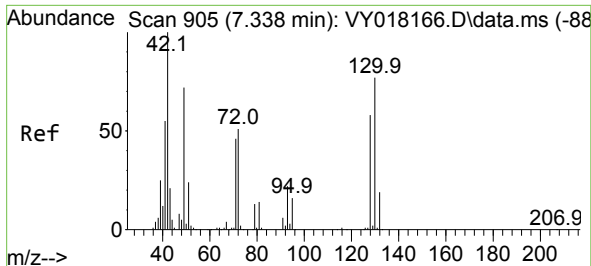
Tgt Ion: 96 Resp: 106637
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 256.2
 98 66.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 47.482 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018251.D
 Acq: 14 May 2024 11:21

Tgt Ion: 49 Resp: 64390
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 91.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 229.692 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

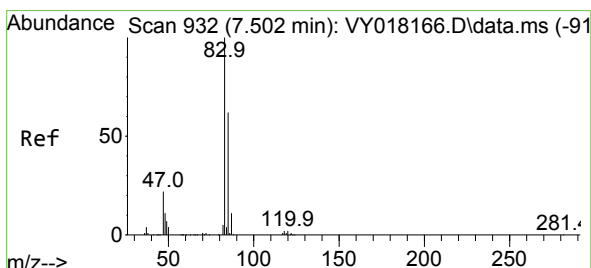
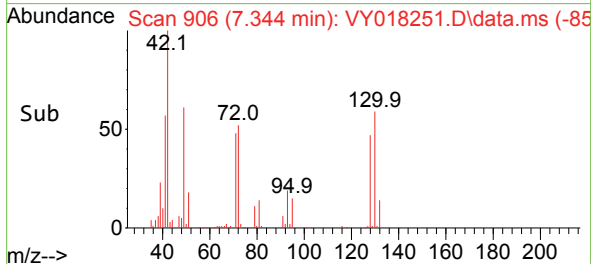
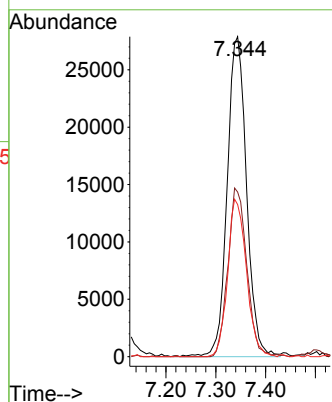
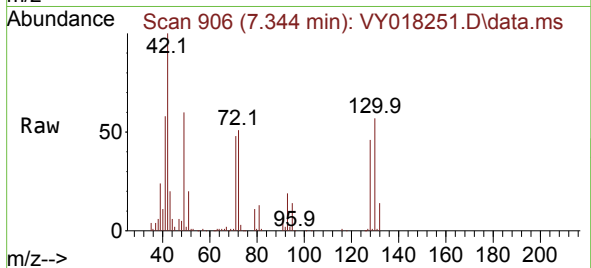
Tgt Ion: 42 Resp: 75100

Ion Ratio Lower Upper

42 100

72 51.5 43.0 64.4

71 47.8 40.8 61.2



#30

Chloroform

Concen: 42.122 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY018251.D

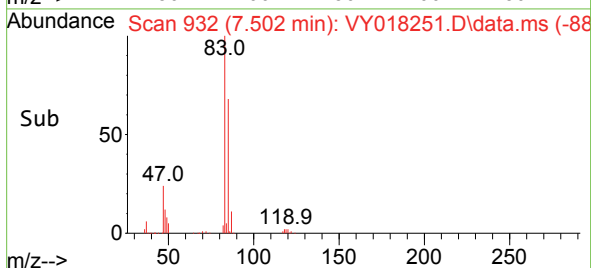
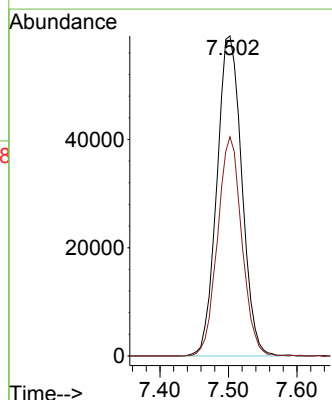
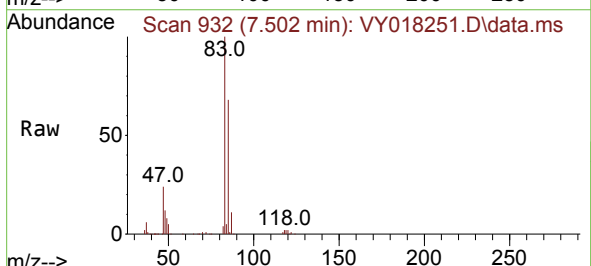
Acq: 14 May 2024 11:21

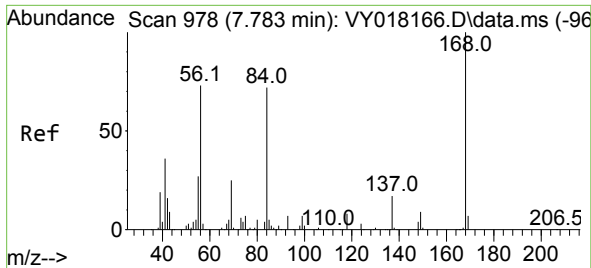
Tgt Ion: 83 Resp: 149194

Ion Ratio Lower Upper

83 100

85 68.5 52.2 78.4

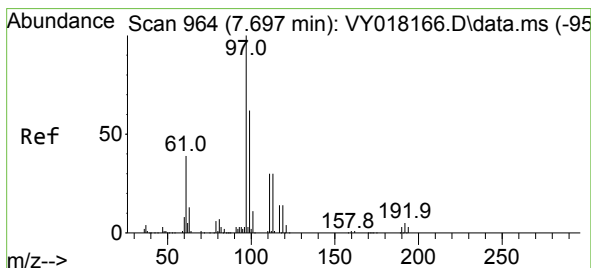
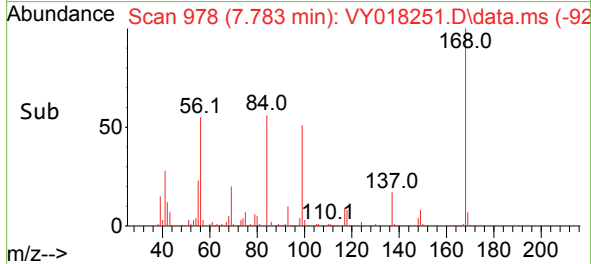
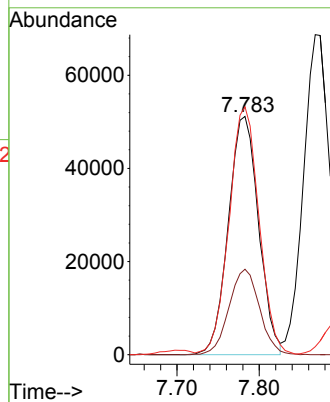
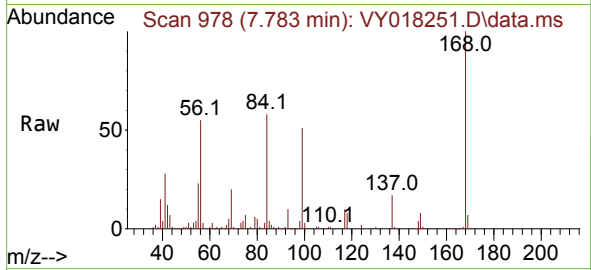




#31
Cyclohexane
Concen: 43.072 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

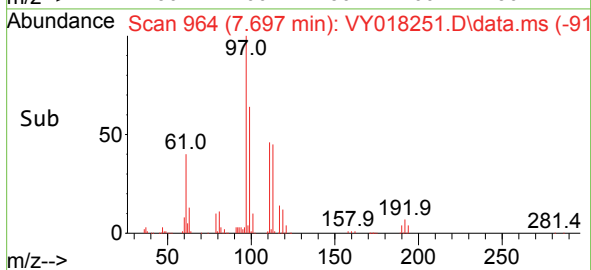
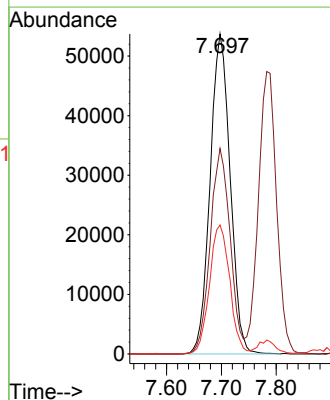
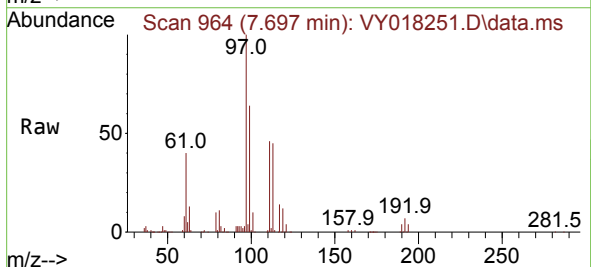
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

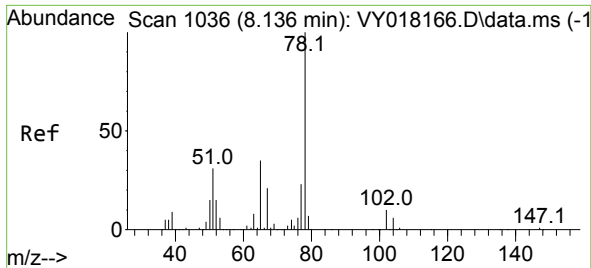
Tgt Ion: 56 Resp: 131010
Ion Ratio Lower Upper
56 100
69 35.9 28.7 43.1
84 102.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 42.874 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 97 Resp: 136109
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 40.9 32.6 48.8

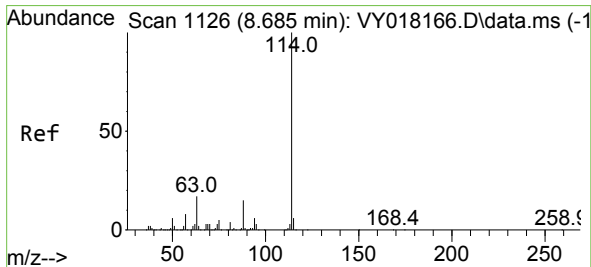
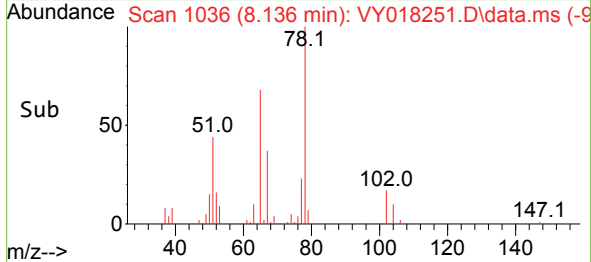
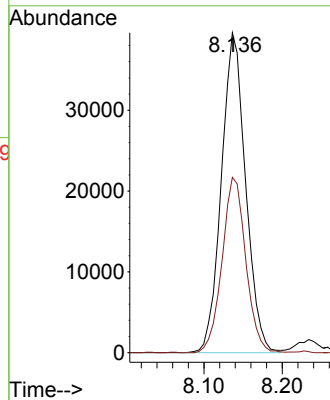
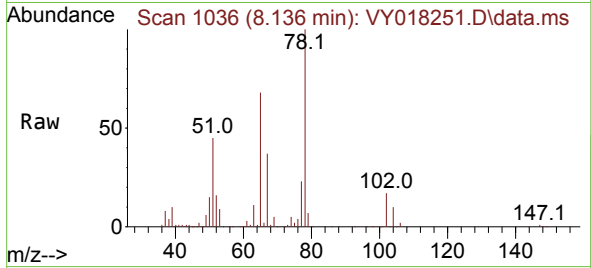




#33
1,2-Dichloroethane-d4
Concen: 54.763 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

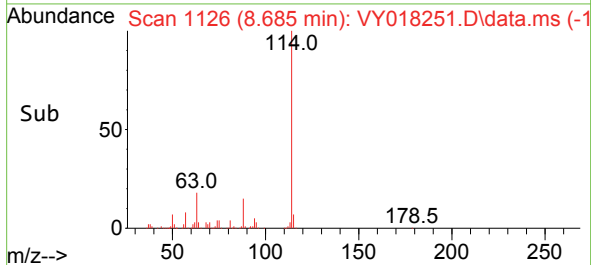
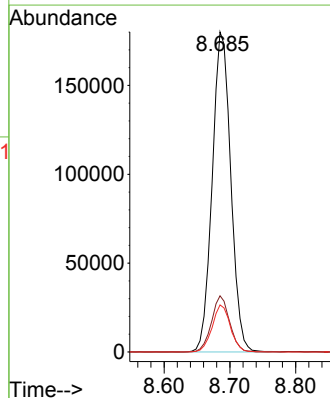
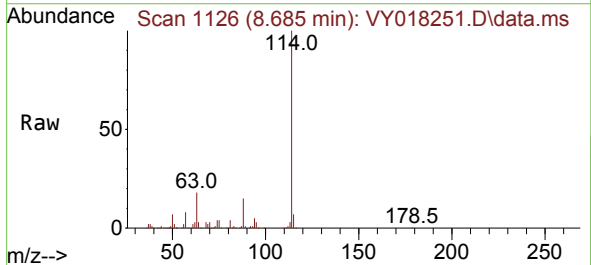
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

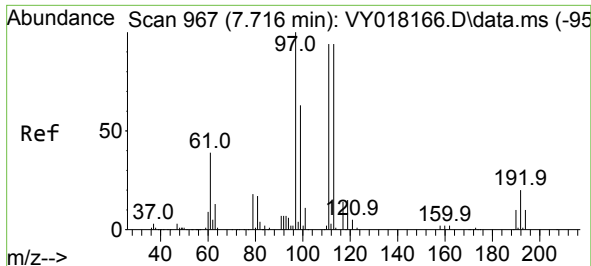
Tgt Ion: 65 Resp: 85034
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 114 Resp: 353703
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 14.7 0.0 27.2

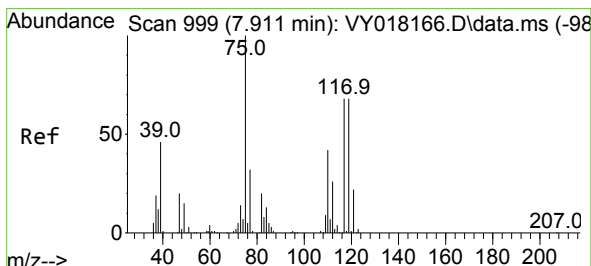
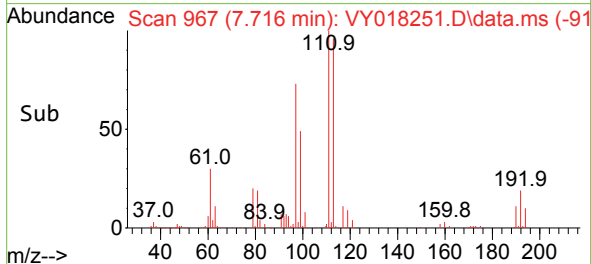
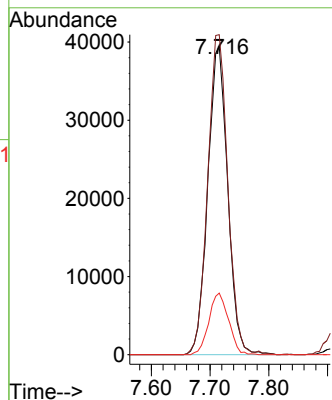
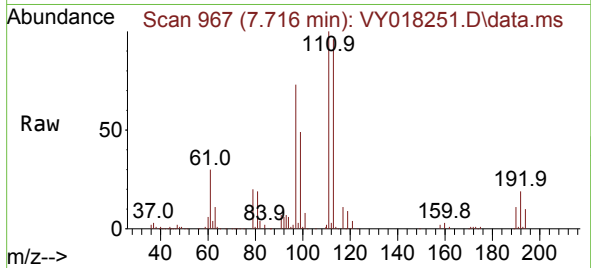




#35
Dibromofluoromethane
Concen: 49.981 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

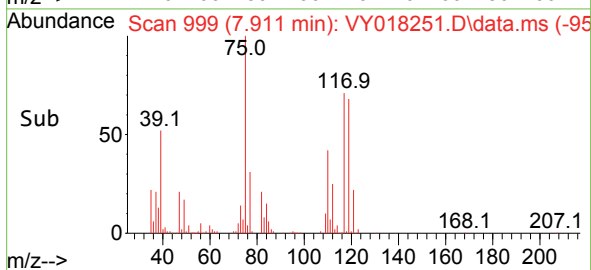
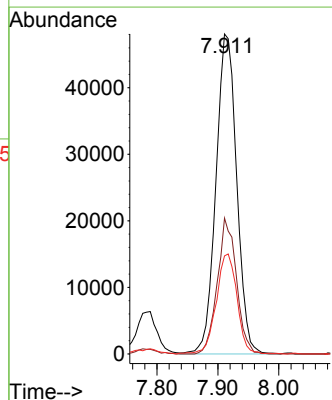
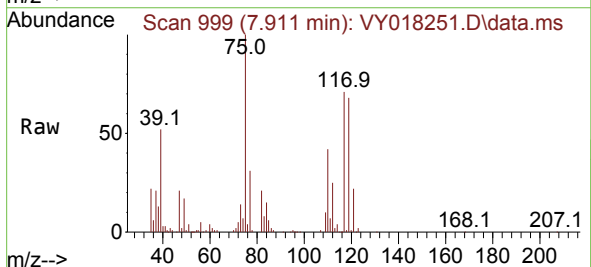
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

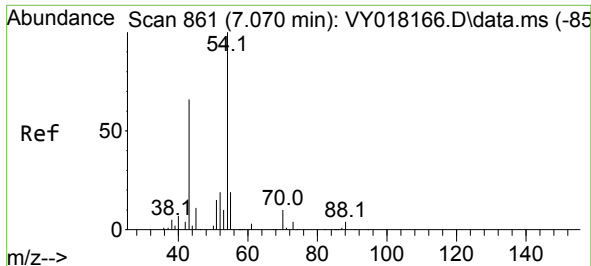
Tgt Ion:113 Resp: 92909
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.754 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 75 Resp: 113932
Ion Ratio Lower Upper
75 100
110 39.0 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 47.334 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

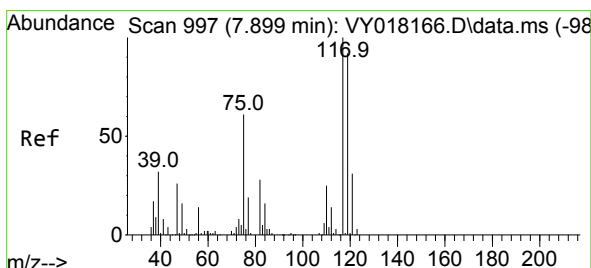
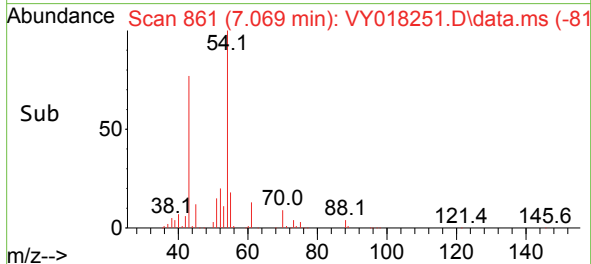
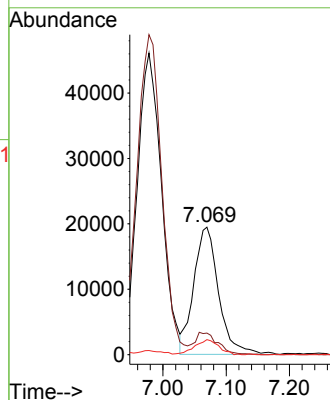
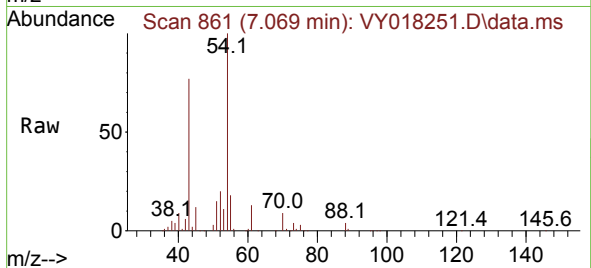
Tgt Ion: 43 Resp: 53090

Ion Ratio Lower Upper

43 100

61 16.4 12.6 19.0

70 11.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 41.604 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

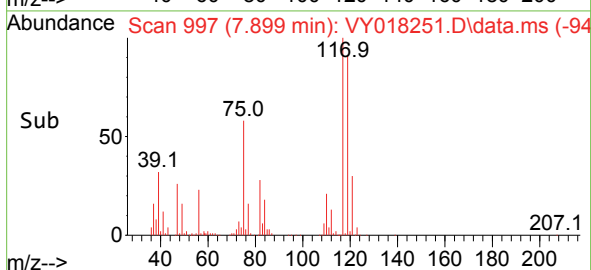
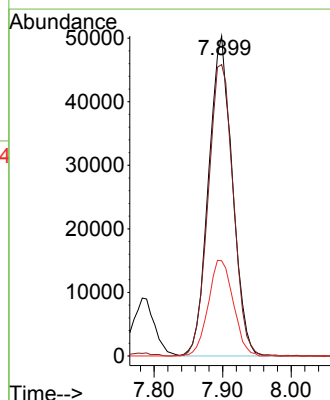
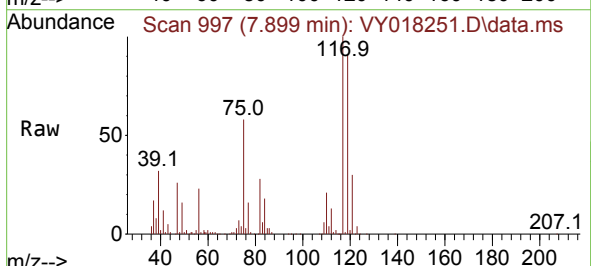
Tgt Ion: 117 Resp: 121142

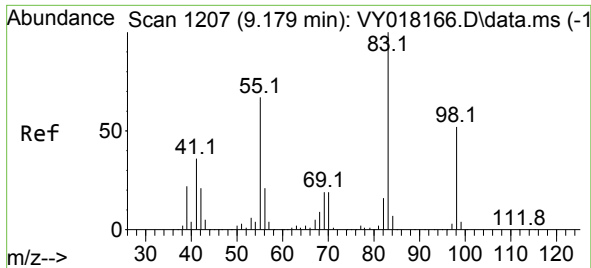
Ion Ratio Lower Upper

117 100

119 91.1 75.8 113.6

121 29.7 24.0 36.0

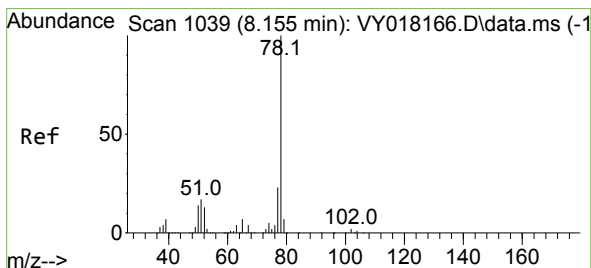
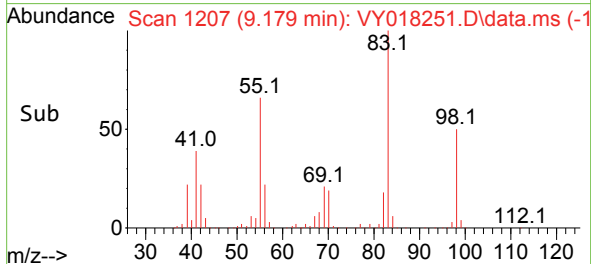
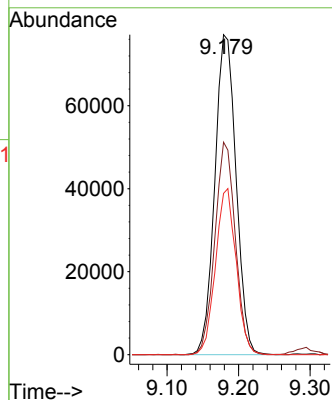
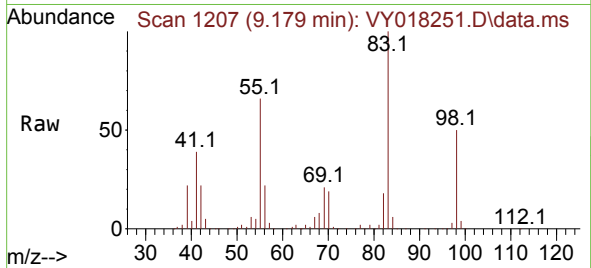




#39
Methylcyclohexane
Concen: 41.478 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

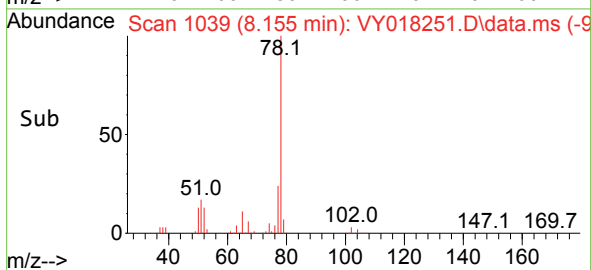
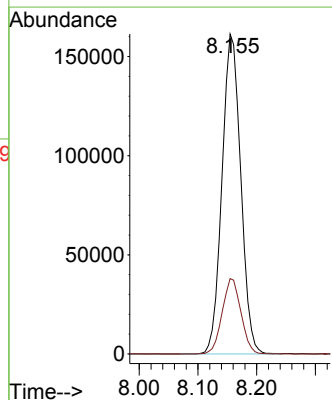
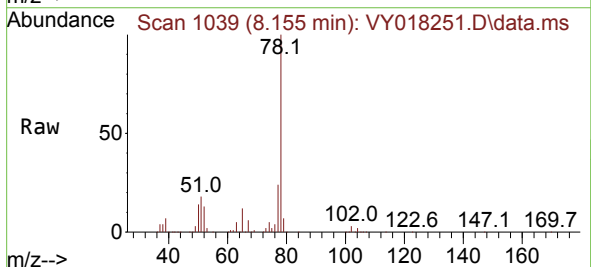
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

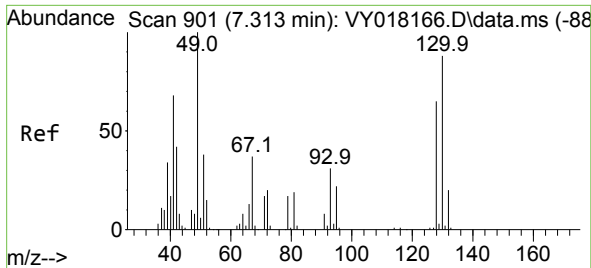
Tgt Ion: 83 Resp: 159459
Ion Ratio Lower Upper
83 100
55 66.4 51.5 77.3
98 50.4 40.5 60.7



#40
Benzene
Concen: 41.718 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 78 Resp: 357596
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

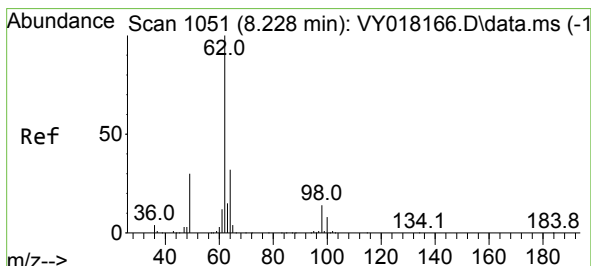
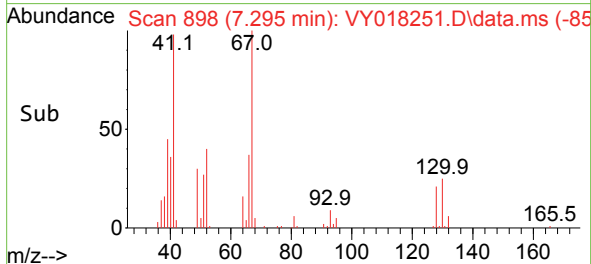
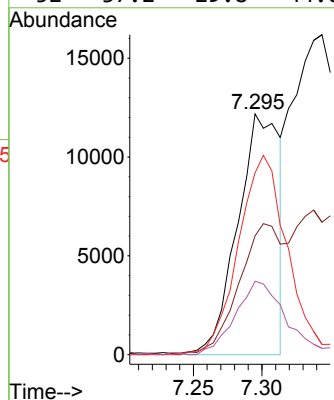
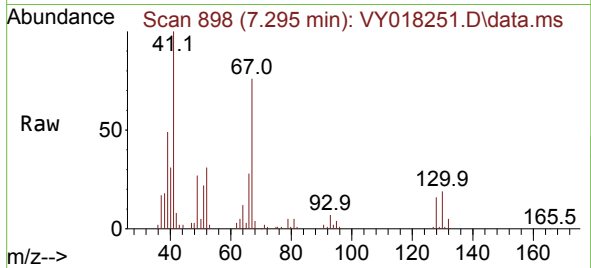




#41
Methacrylonitrile
Concen: 40.239 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

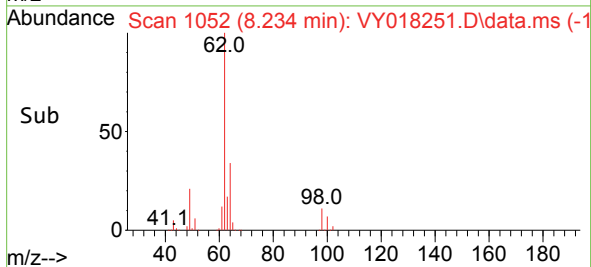
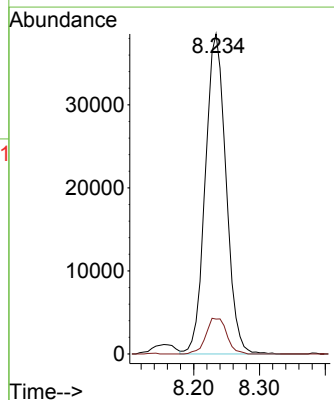
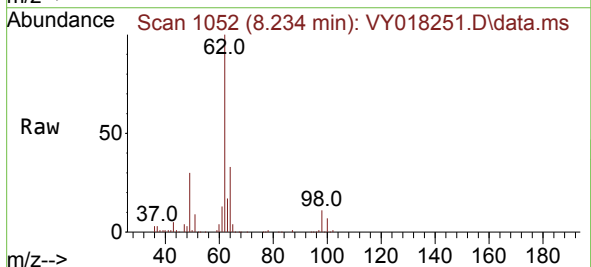
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

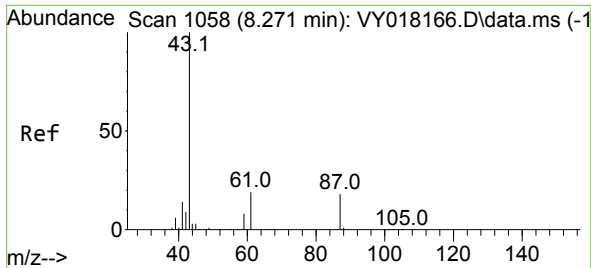
Tgt Ion:	41	Resp:	26062
Ion	Ratio	Lower	Upper
41	100		
39	53.4	48.0	72.0
67	97.0	75.1	112.7
52	37.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 45.293 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion:	62	Resp:	84473
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0

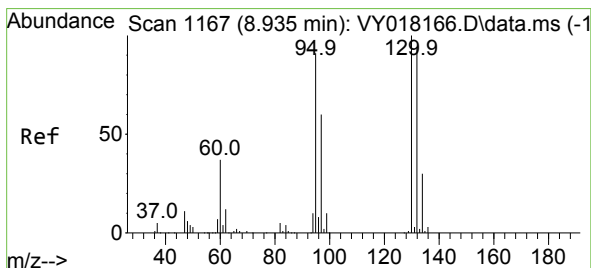
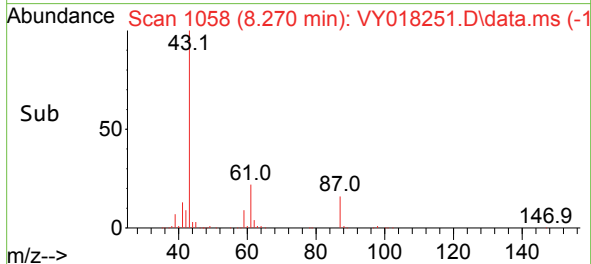
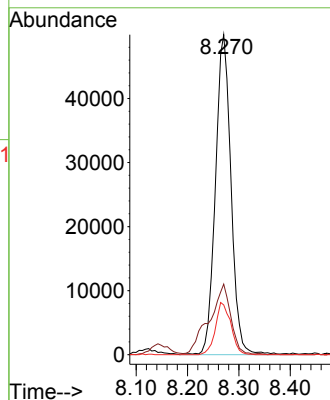
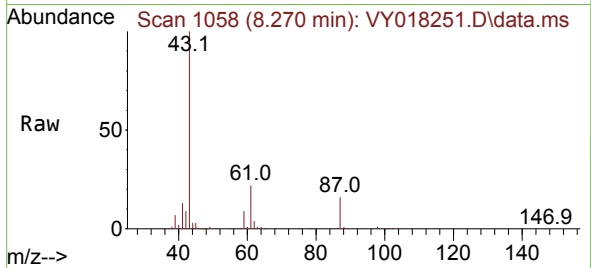




#43
Isopropyl Acetate
Concen: 45.628 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

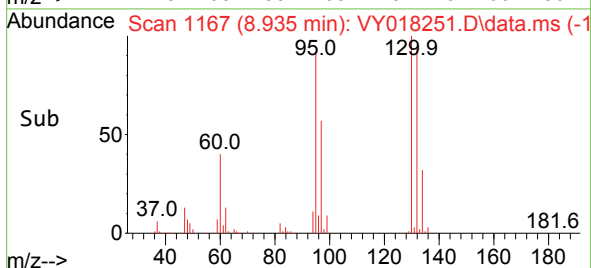
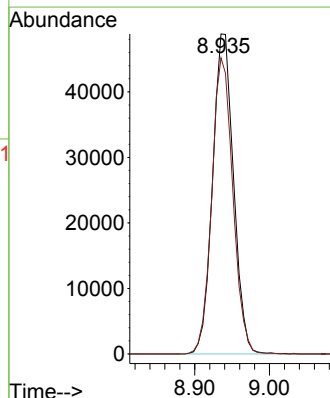
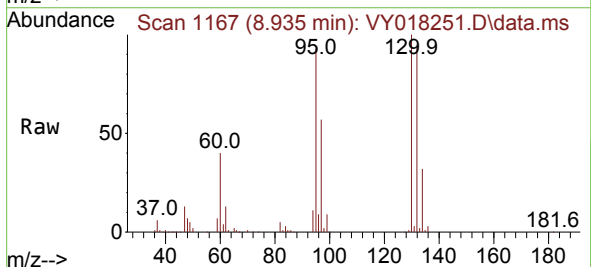
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

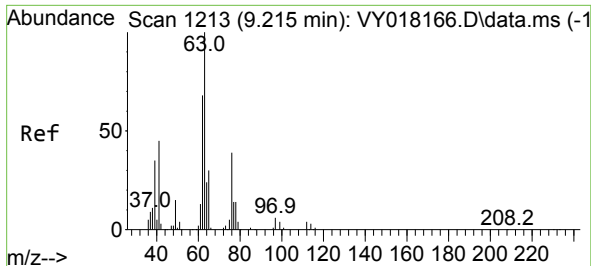
Tgt Ion: 43 Resp: 104898
Ion Ratio Lower Upper
43 100
61 30.0 27.9 41.9
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 40.813 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion:130 Resp: 95234
Ion Ratio Lower Upper
130 100
95 92.6 0.0 188.0

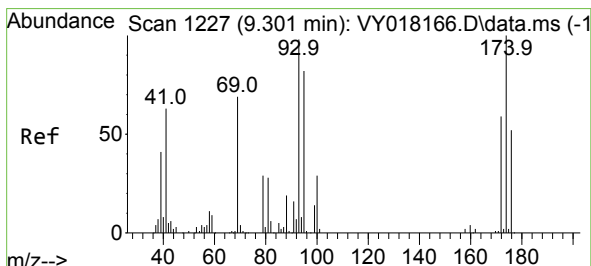
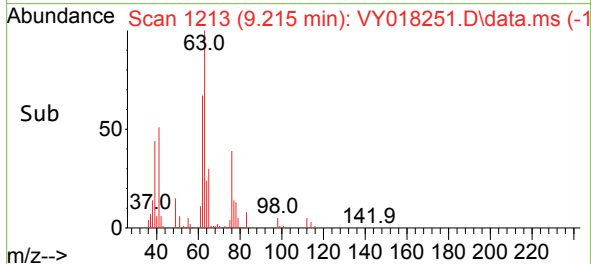
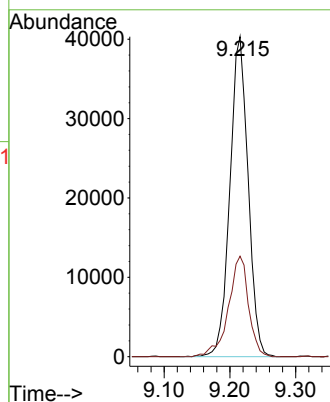
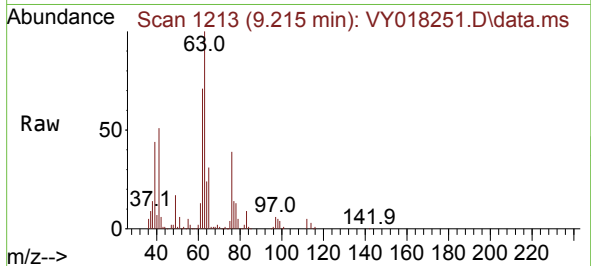




#45
1,2-Dichloropropane
Concen: 41.415 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

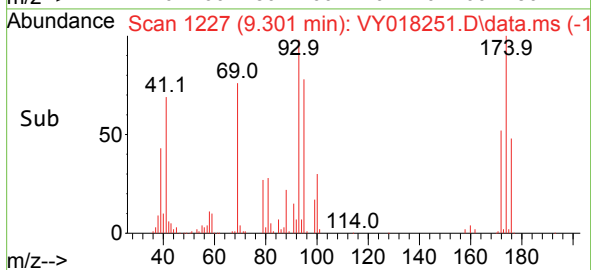
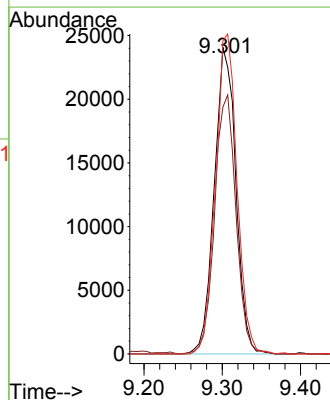
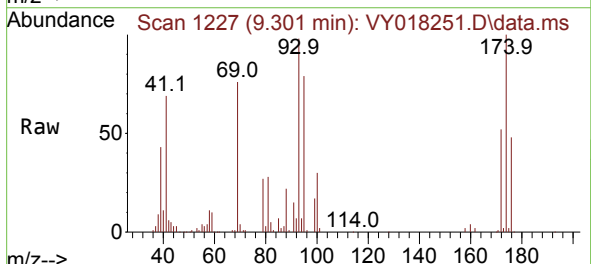
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

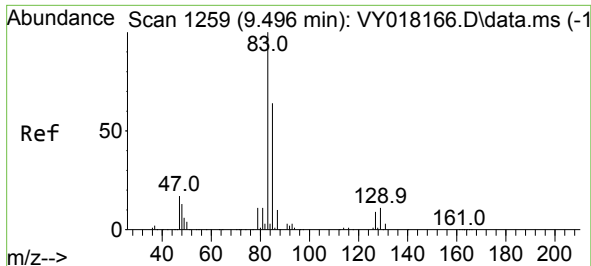
Tgt Ion: 63 Resp: 77612
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.2



#46
Dibromomethane
Concen: 42.806 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 93 Resp: 46116
Ion Ratio Lower Upper
93 100
95 83.9 66.2 99.4
174 103.7 80.9 121.3

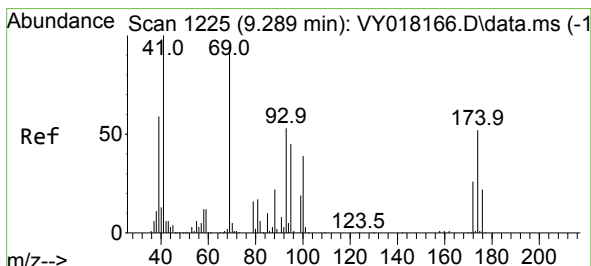
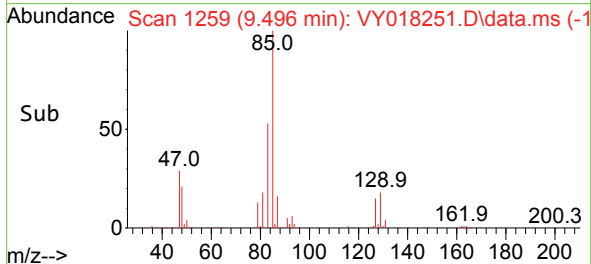
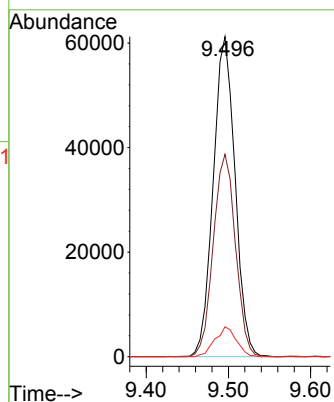
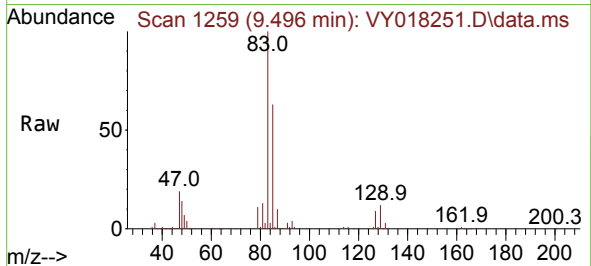




#47
Bromodichloromethane
Concen: 42.342 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

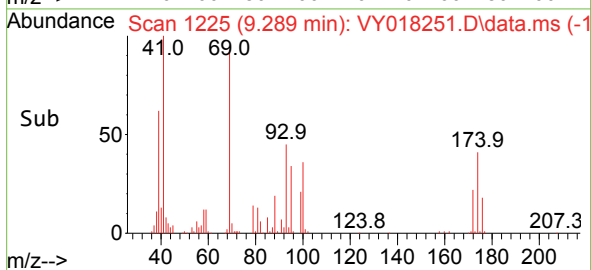
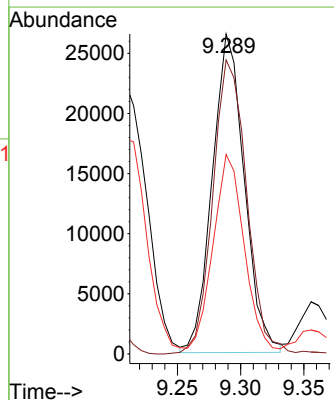
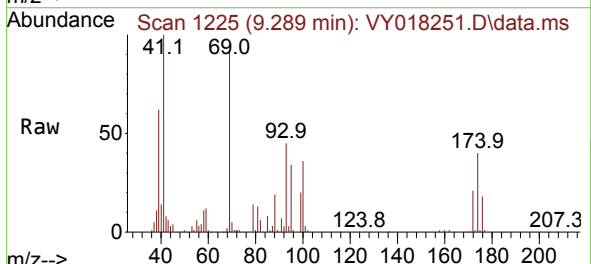
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

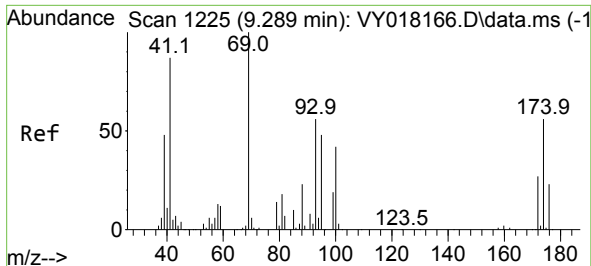
Tgt Ion: 83 Resp: 112771
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 44.319 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 41 Resp: 46697
Ion Ratio Lower Upper
41 100
69 97.8 84.1 126.1
39 58.2 43.6 65.4

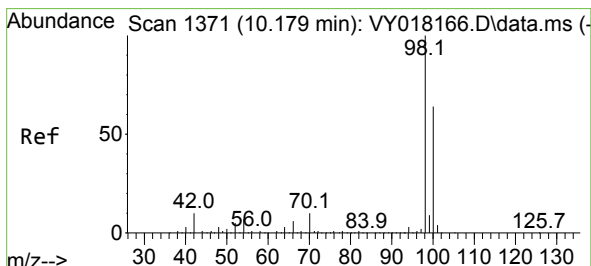
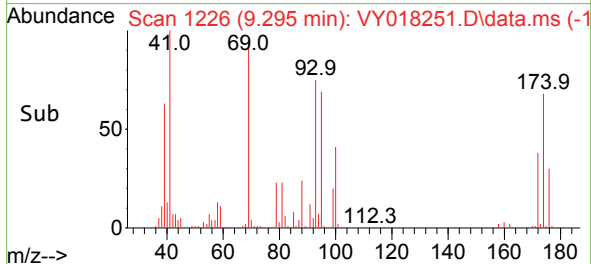
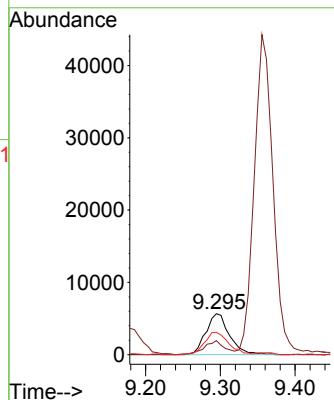
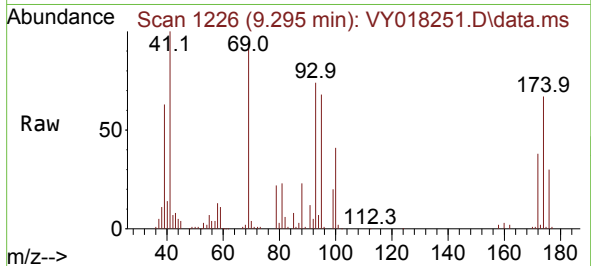




#49
1,4-Dioxane
Concen: 865.935 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

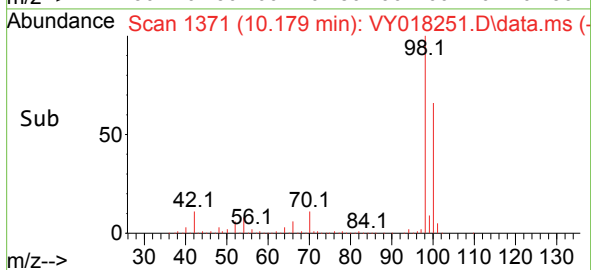
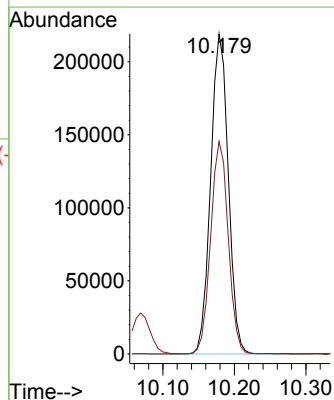
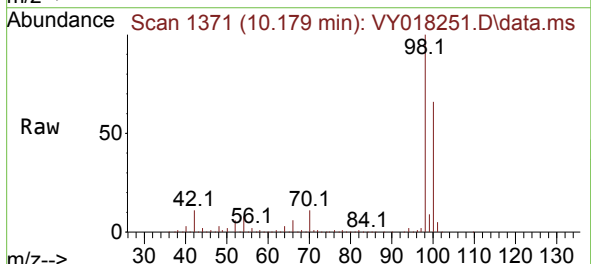
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

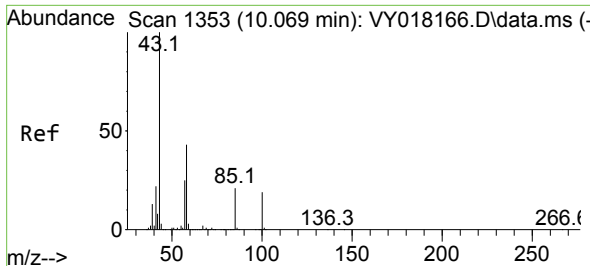
Tgt Ion: 88 Resp: 12383
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0#
58 56.3 49.3 73.9



#50
Toluene-d8
Concen: 51.194 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 98 Resp: 375005
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

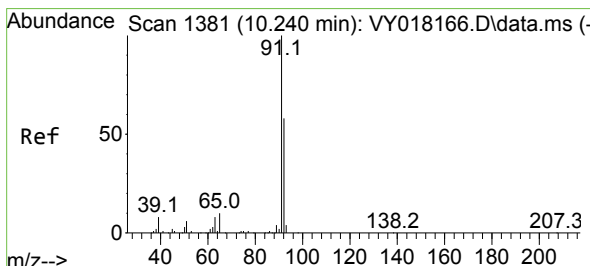
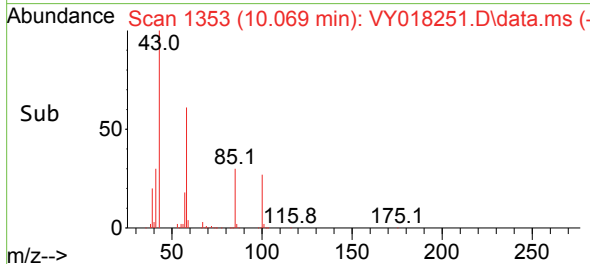
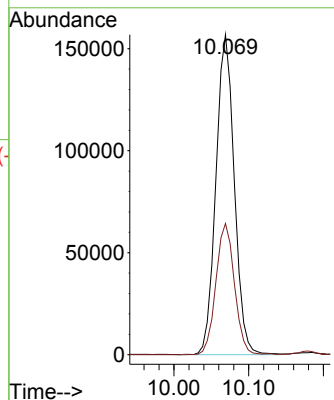
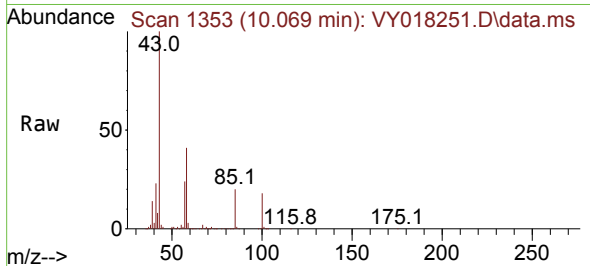




#51
4-Methyl-2-Pentanone
Concen: 232.661 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

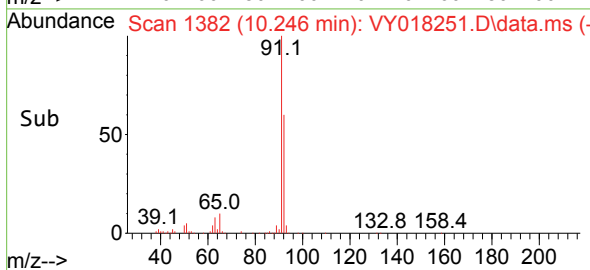
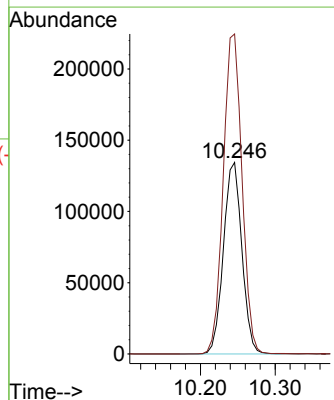
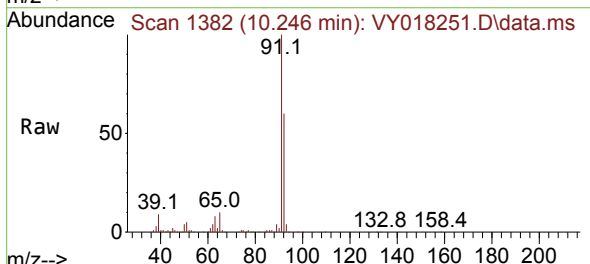
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

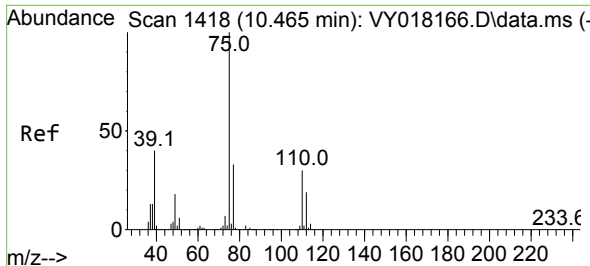
Tgt Ion: 43 Resp: 268836
Ion Ratio Lower Upper
43 100
58 41.3 35.7 53.5



#52
Toluene
Concen: 41.847 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 92 Resp: 230926
Ion Ratio Lower Upper
92 100
91 170.0 139.0 208.6

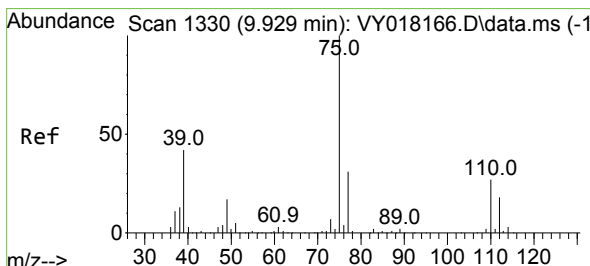
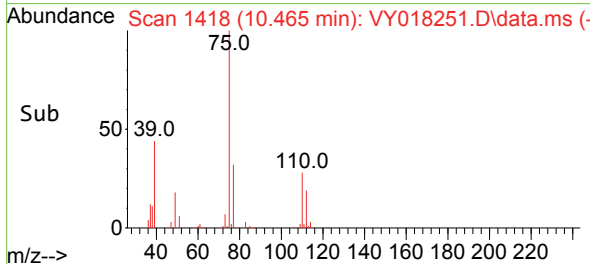
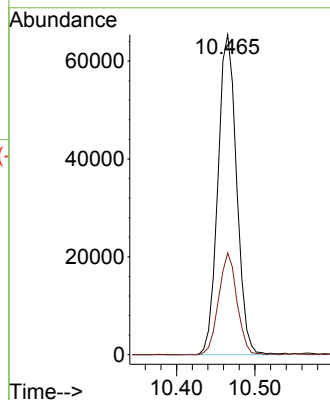
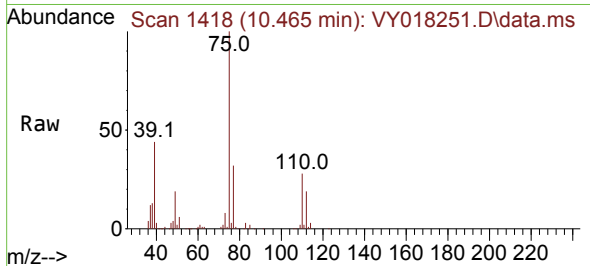




#53
t-1,3-Dichloropropene
Concen: 43.661 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

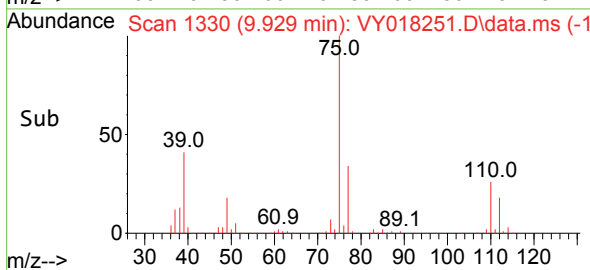
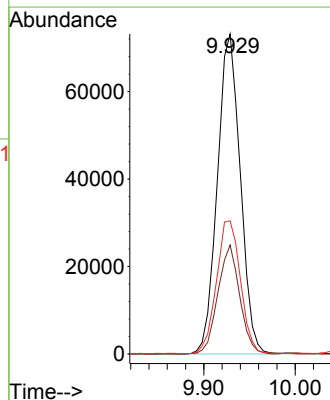
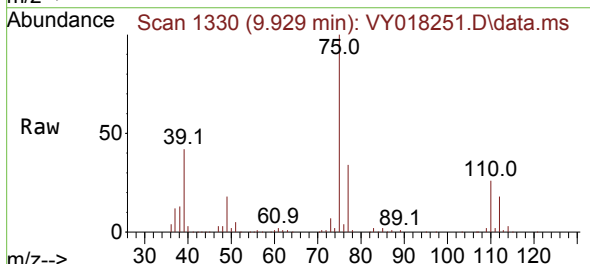
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

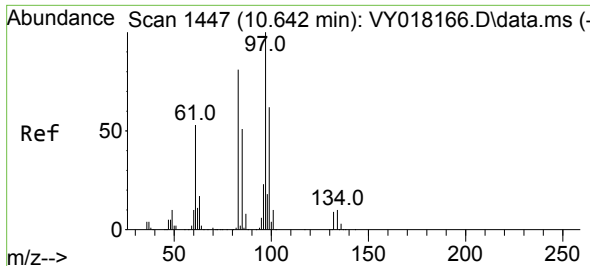
Tgt Ion: 75 Resp: 108616
Ion Ratio Lower Upper
75 100
77 31.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 41.965 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 75 Resp: 127613
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0
39 41.5 29.8 44.6

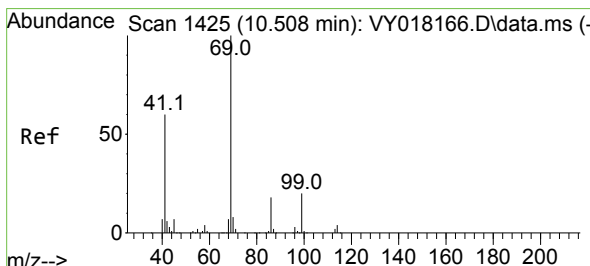
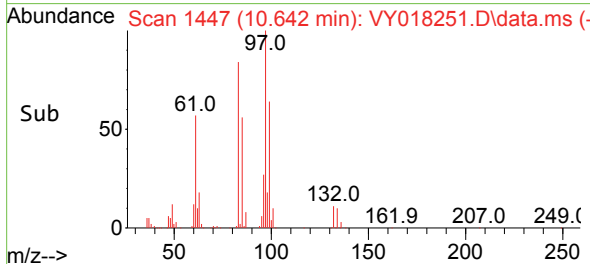
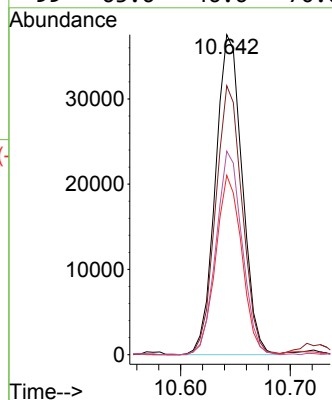
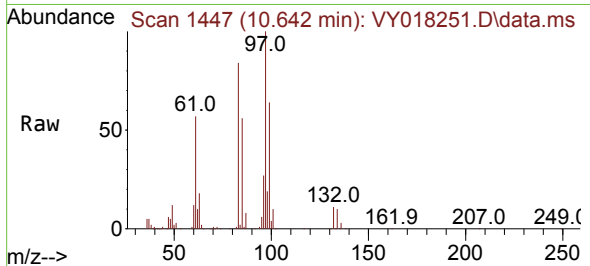




#55
1,1,2-Trichloroethane
Concen: 43.098 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

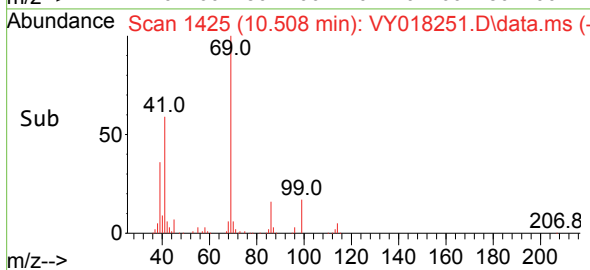
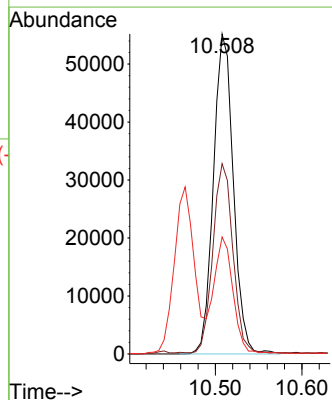
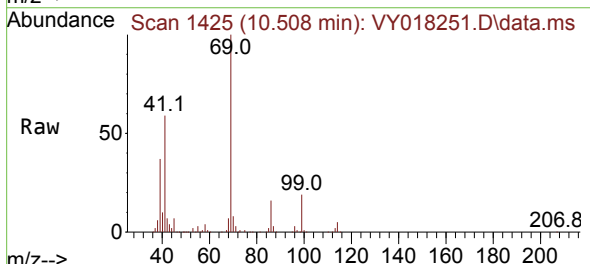
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

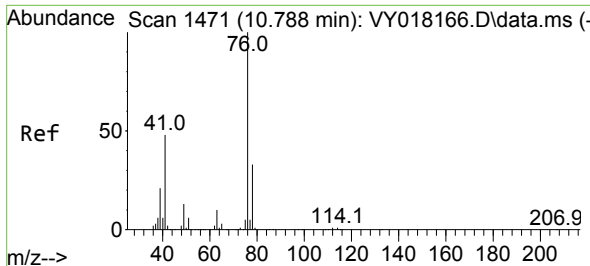
Tgt Ion: 97	Resp: 63783
Ion Ratio	Lower Upper
97 100	
83 84.0	67.5 101.3
85 56.1	42.9 64.3
99 63.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 43.909 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 69	Resp: 88256
Ion Ratio	Lower Upper
69 100	
41 59.4	42.3 63.5
39 34.3	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 43.411 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

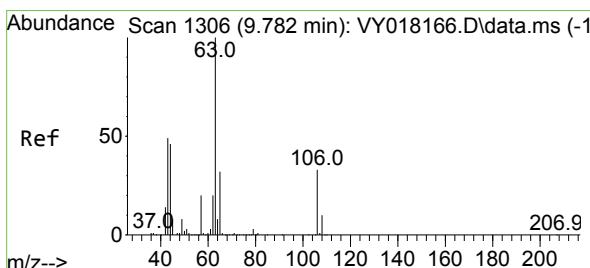
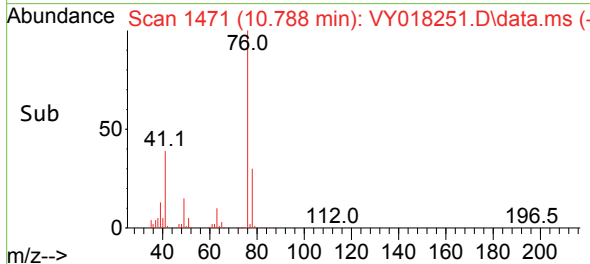
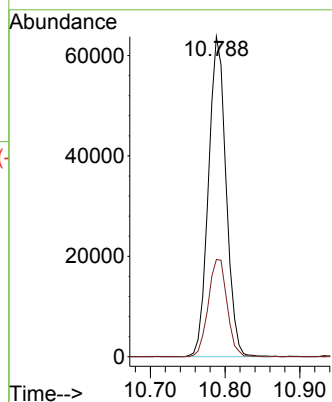
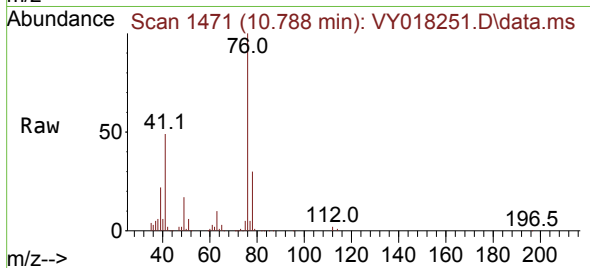
VSTDCCC050

Tgt Ion: 76 Resp: 104561

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.002 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY018251.D

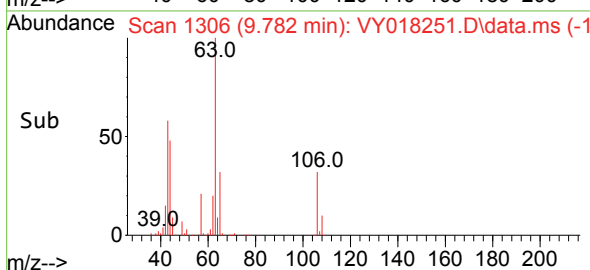
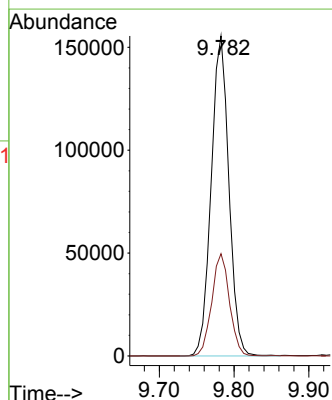
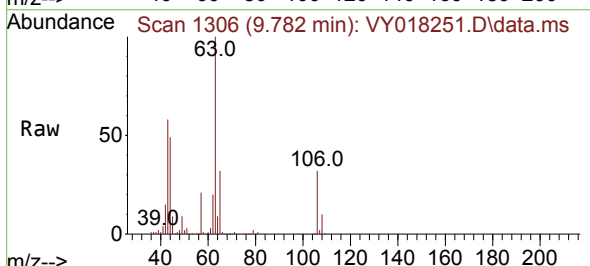
Acq: 14 May 2024 11:21

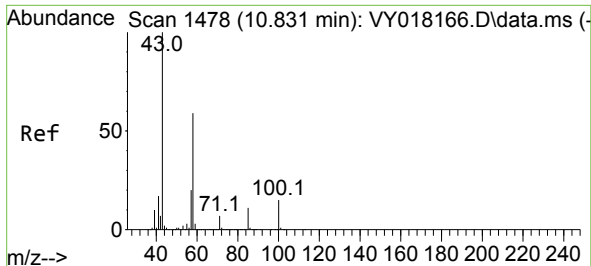
Tgt Ion: 63 Resp: 256260

Ion Ratio Lower Upper

63 100

106 32.0 23.7 35.5

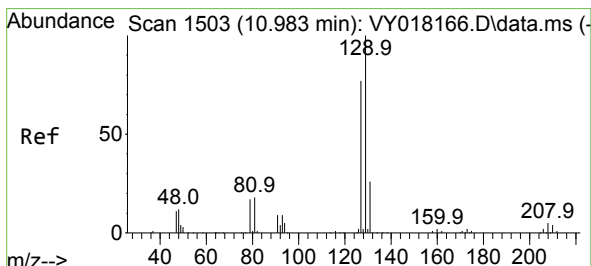
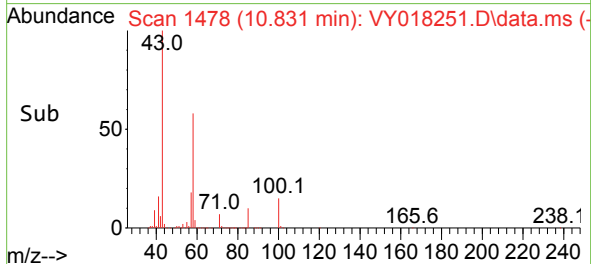
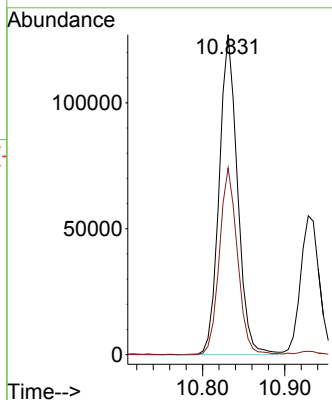
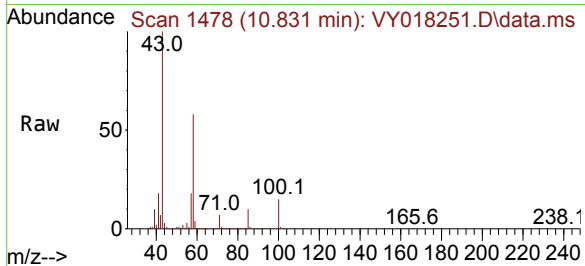




#59
2-Hexanone
Concen: 243.324 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

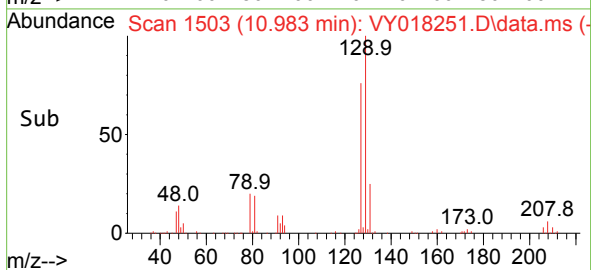
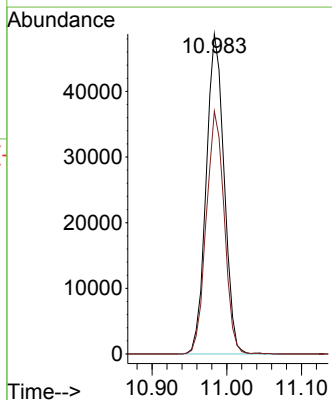
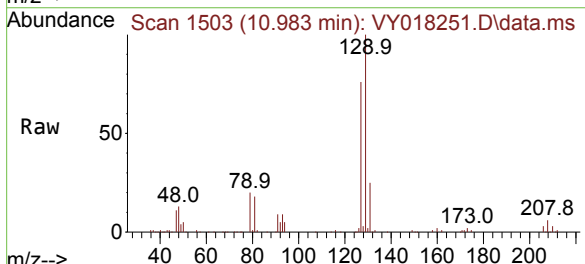
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

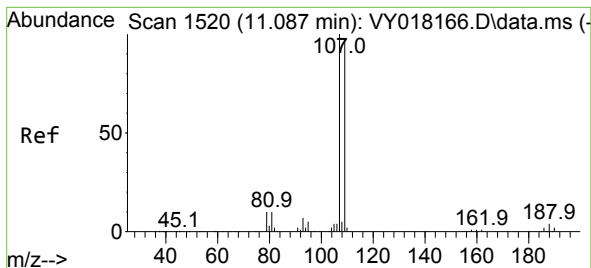
Tgt Ion: 43 Resp: 196587
Ion Ratio Lower Upper
43 100
58 57.6 31.4 94.0



#60
Dibromochloromethane
Concen: 42.285 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 129 Resp: 81191
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

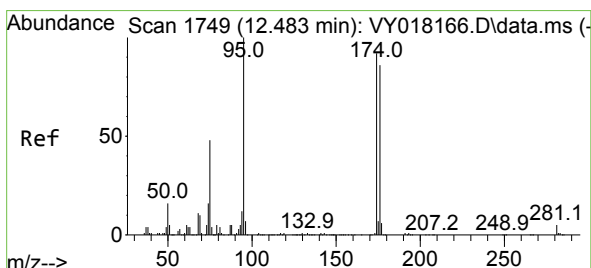
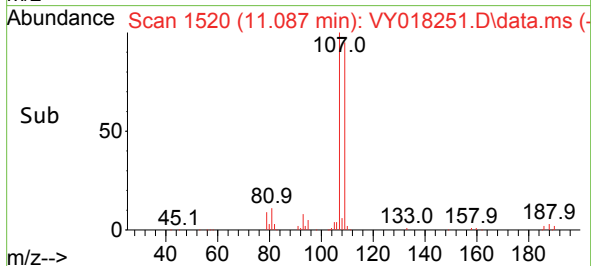
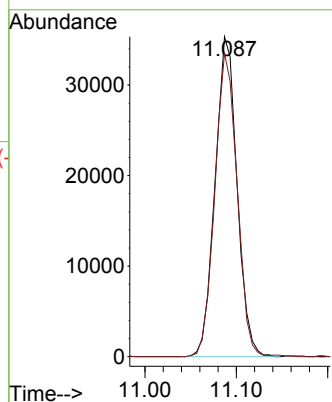
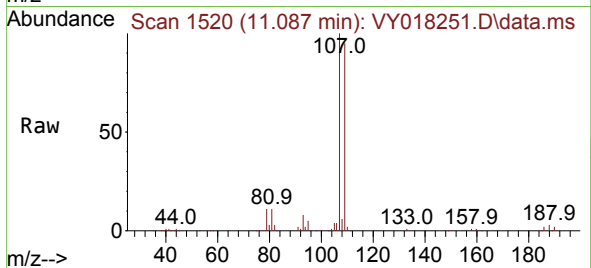




#61
1,2-Dibromoethane
Concen: 42.295 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

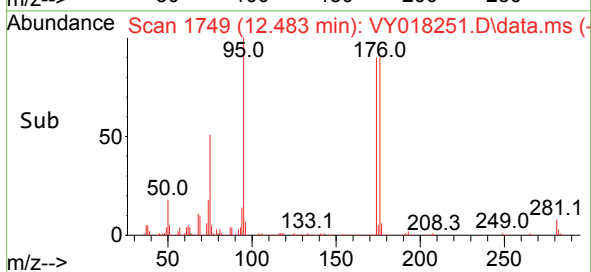
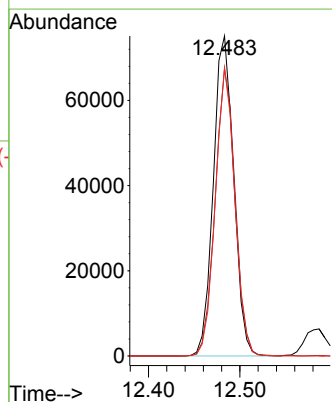
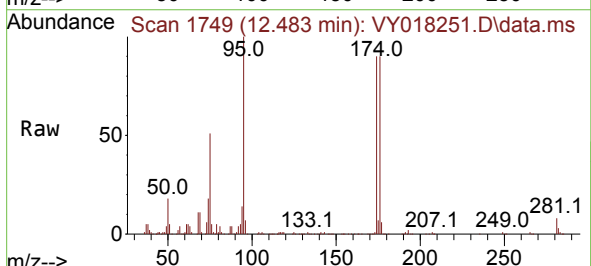
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

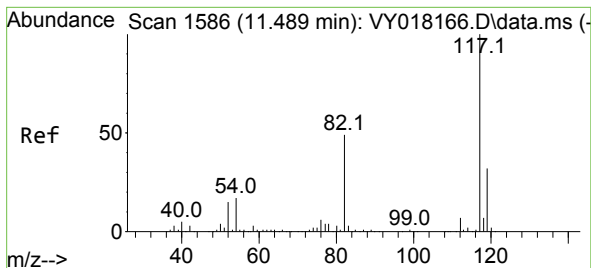
Tgt Ion:107 Resp: 58958
Ion Ratio Lower Upper
107 100
109 96.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 95 Resp: 116004
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 86.4 0.0 171.4

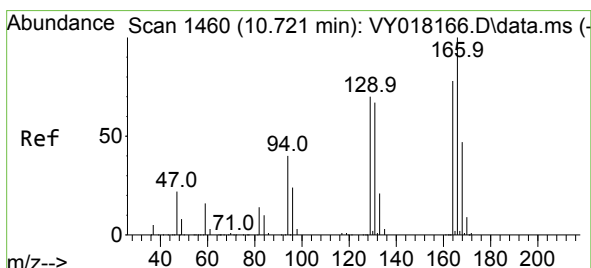
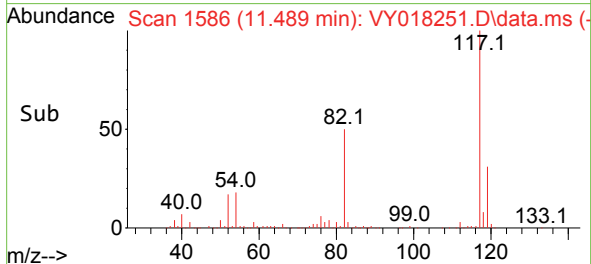
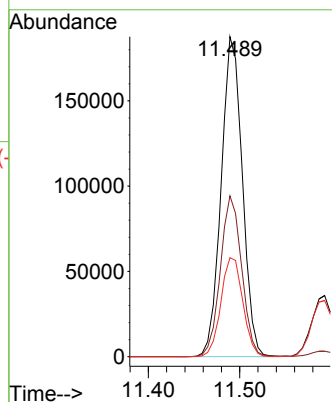
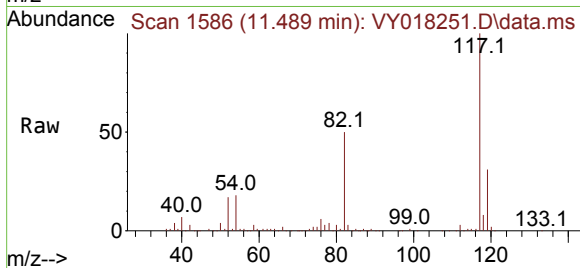




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

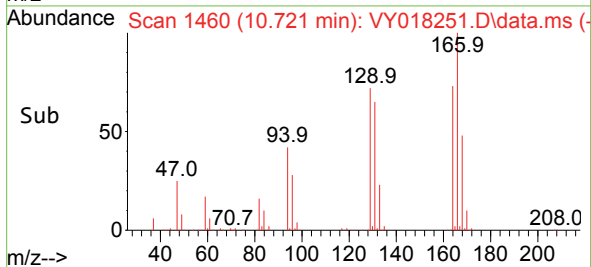
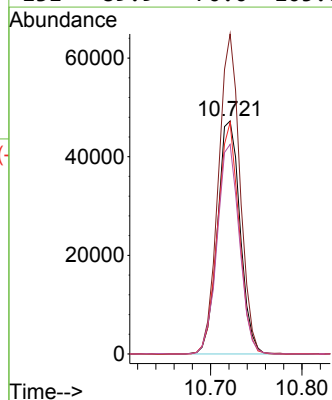
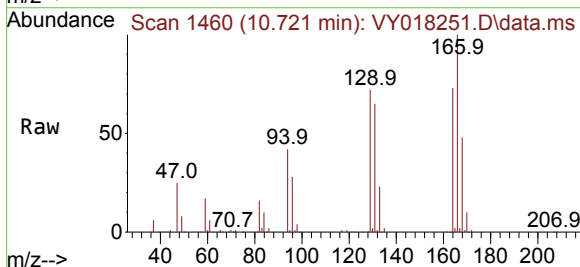
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

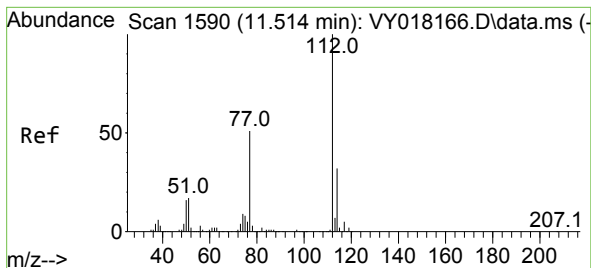
Tgt Ion:117 Resp: 302197
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 30.9 25.9 38.9



#64
Tetrachloroethene
Concen: 40.379 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion:164 Resp: 81245
Ion Ratio Lower Upper
164 100
166 137.3 102.6 154.0
129 99.3 72.0 108.0
131 89.9 70.0 105.0

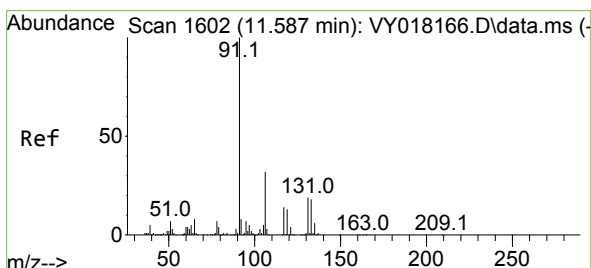
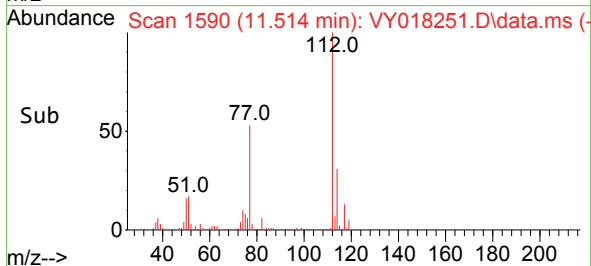
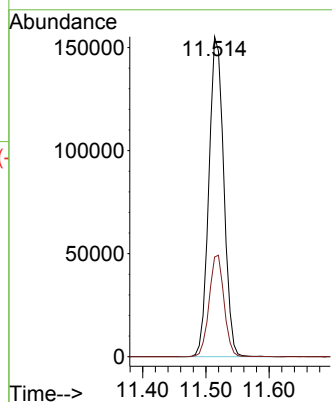
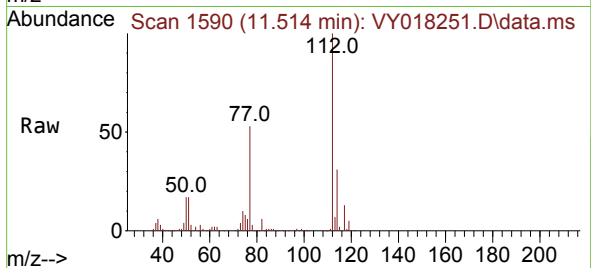




#65
Chlorobenzene
Concen: 41.270 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

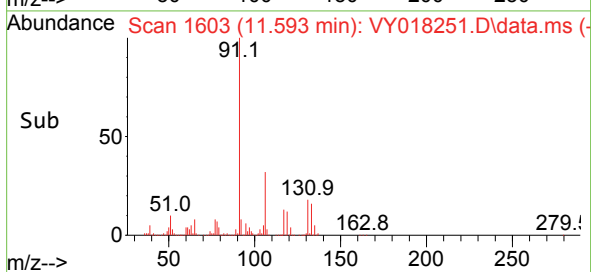
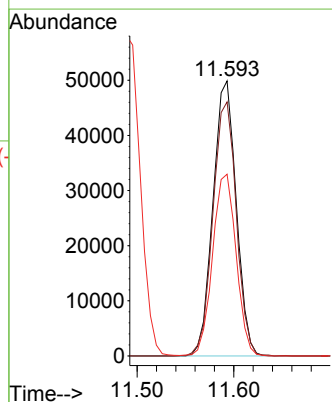
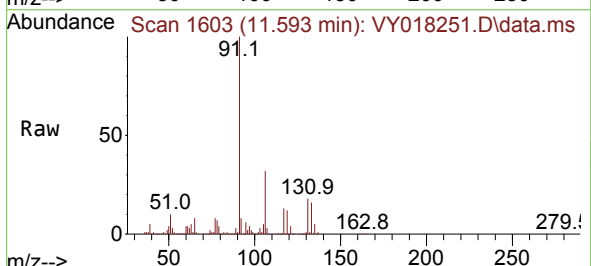
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

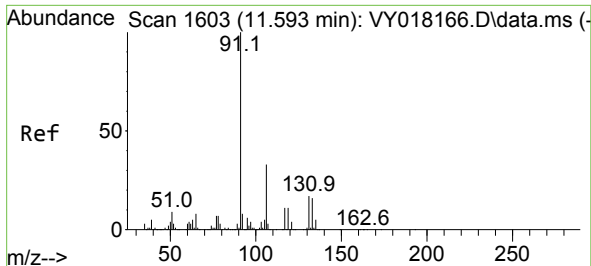
Tgt Ion:112 Resp: 254007
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 41.762 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion:131 Resp: 83143
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.3
119 66.9 34.1 102.2





#67

Ethyl Benzene

Concen: 41.285 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

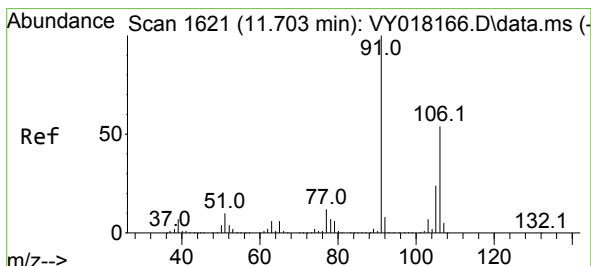
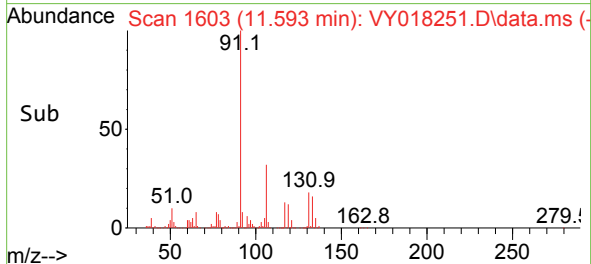
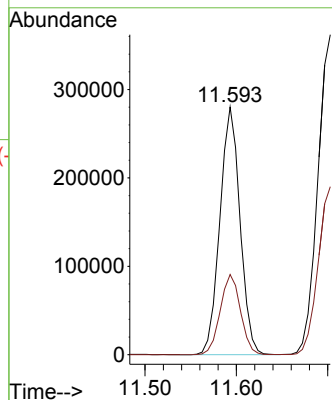
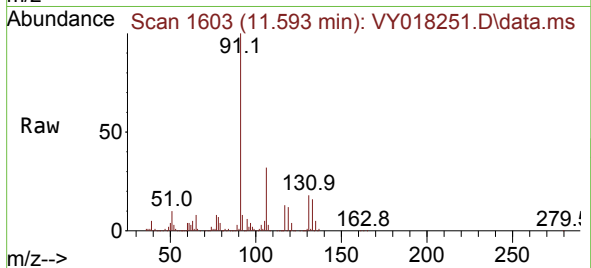
VSTDCCC050

Tgt Ion: 91 Resp: 429032

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 83.261 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018251.D

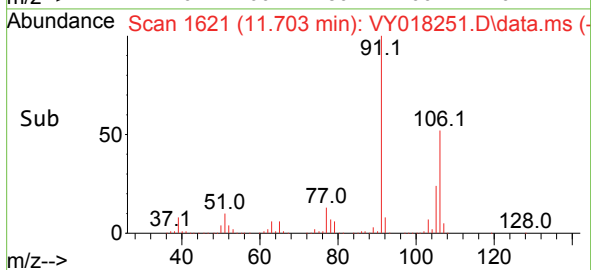
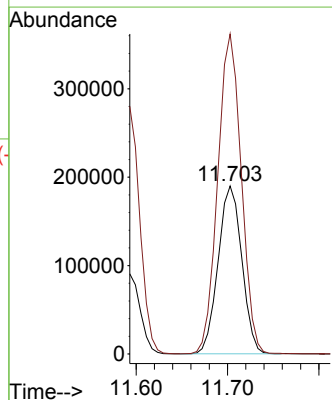
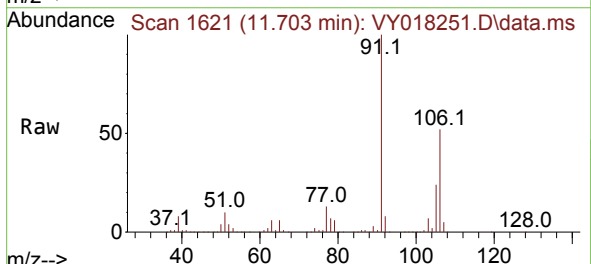
Acq: 14 May 2024 11:21

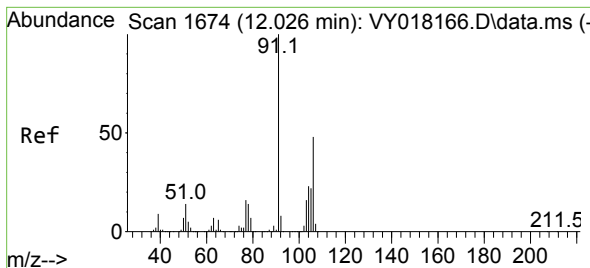
Tgt Ion: 106 Resp: 342162

Ion Ratio Lower Upper

106 100

91 189.6 156.0 234.0





#69

o-Xylene

Concen: 41.614 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

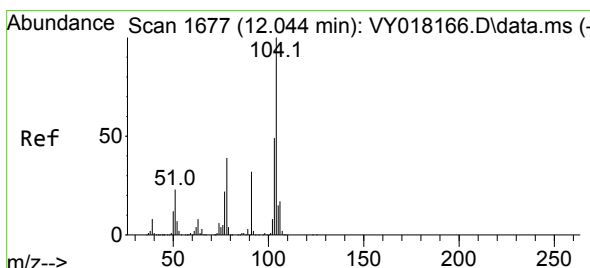
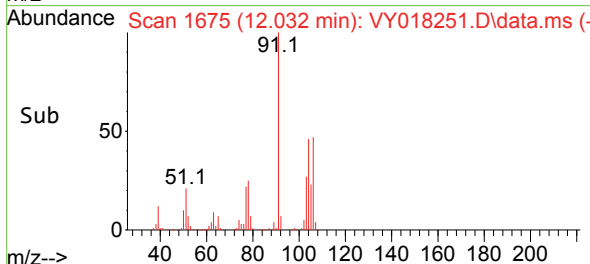
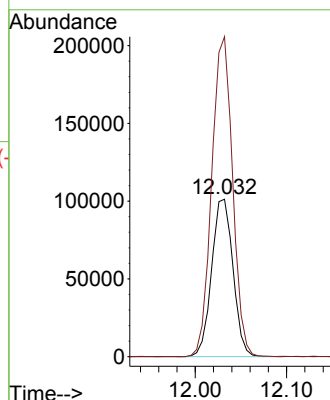
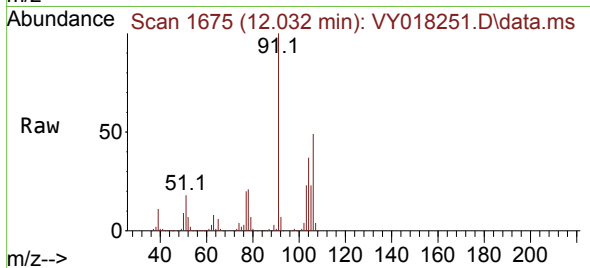
VSTDCCC050

Tgt Ion:106 Resp: 164117

Ion Ratio Lower Upper

106 100

91 198.6 103.6 310.8



#70

Styrene

Concen: 41.574 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

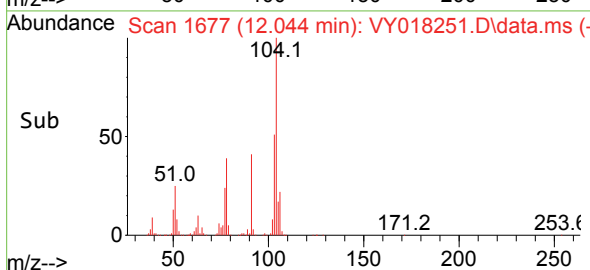
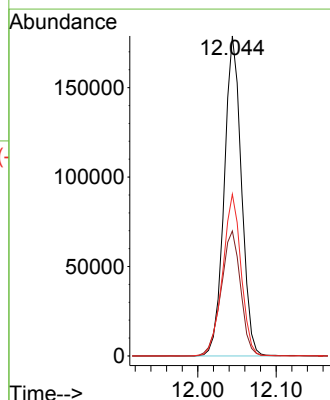
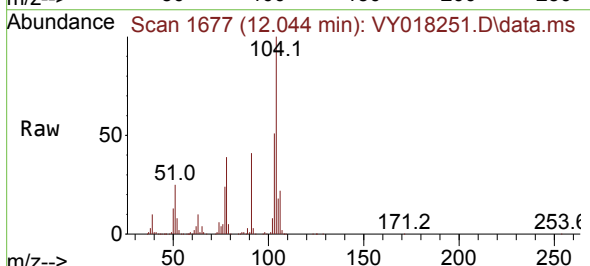
Tgt Ion:104 Resp: 273807

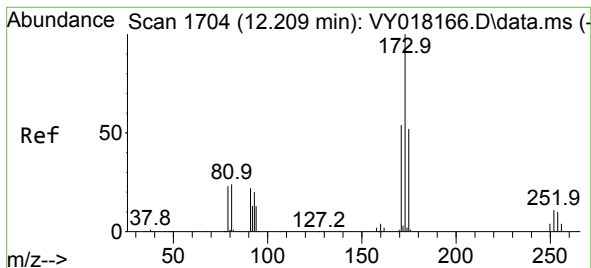
Ion Ratio Lower Upper

104 100

78 44.1 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 41.193 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

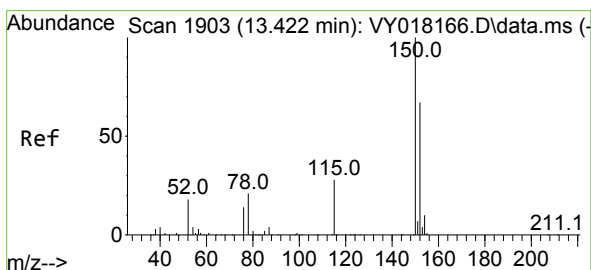
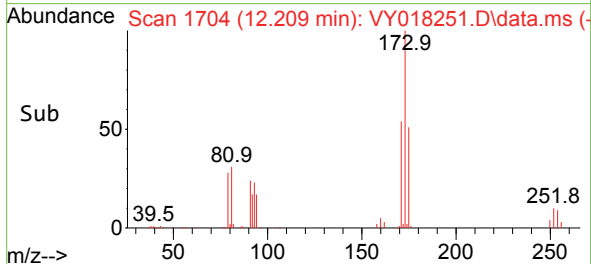
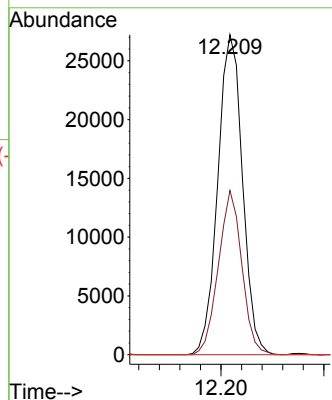
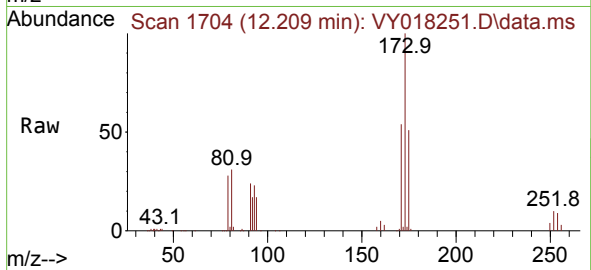
Tgt Ion:173 Resp: 45376

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

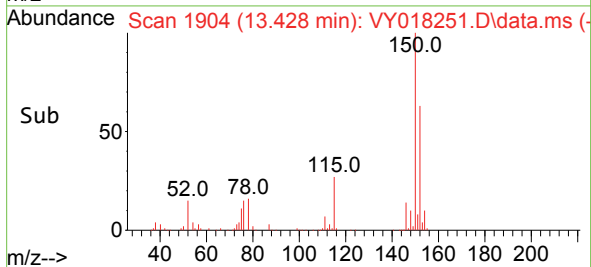
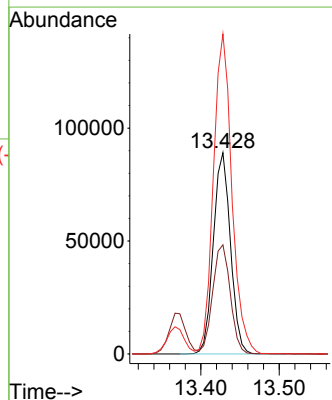
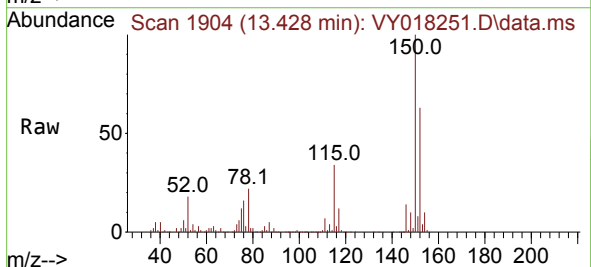
Tgt Ion:152 Resp: 135368

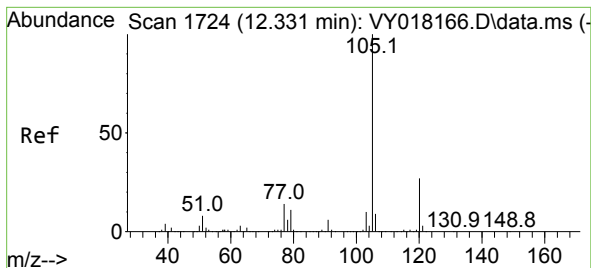
Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 171.4 0.0 345.6





#73

Isopropylbenzene

Concen: 41.146 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

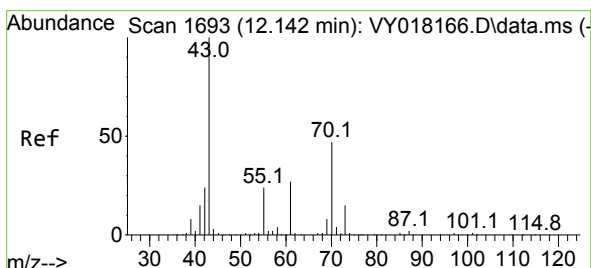
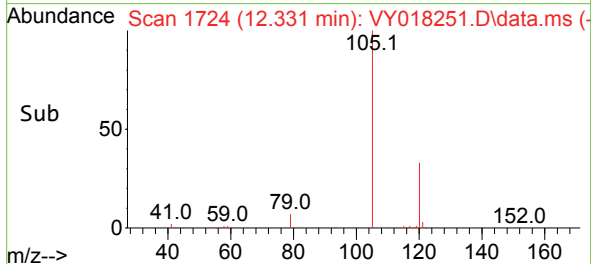
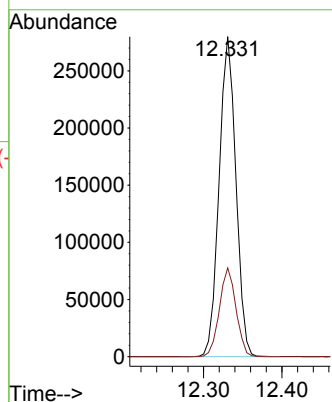
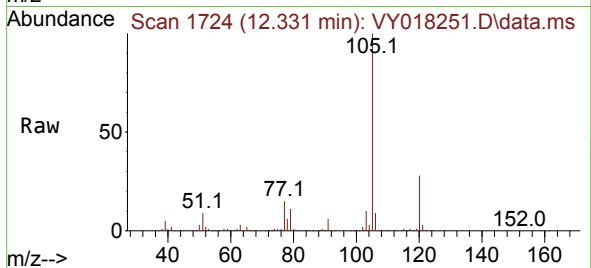
VSTDCCC050

Tgt Ion:105 Resp: 417606

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 44.036 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Tgt Ion: 43 Resp: 92779

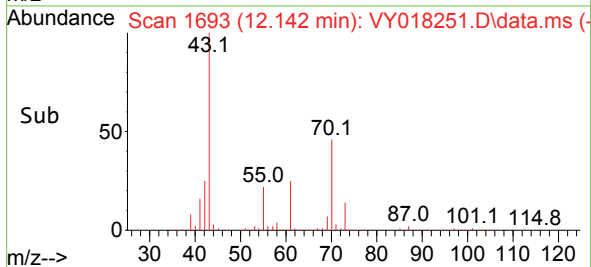
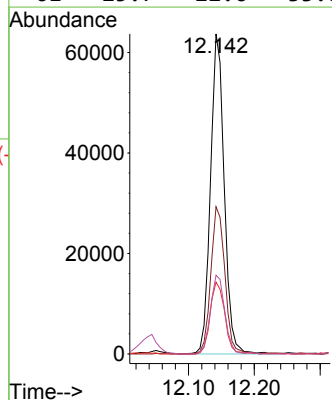
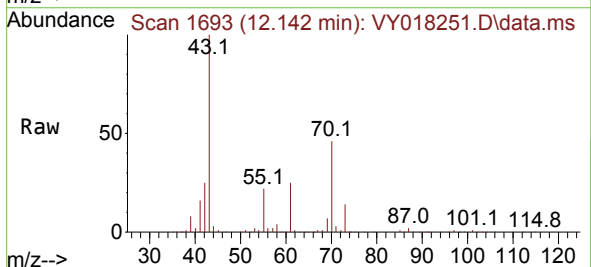
Ion Ratio Lower Upper

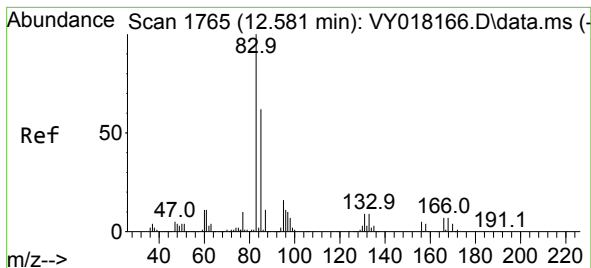
43 100

70 47.0 41.4 62.2

55 23.7 23.3 34.9

61 25.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 42.618 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

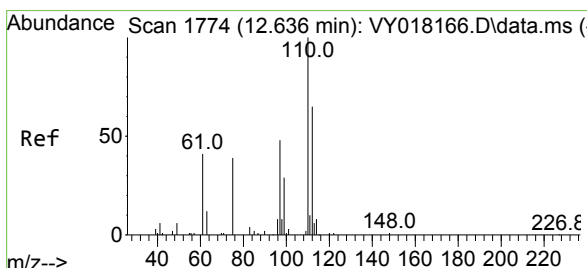
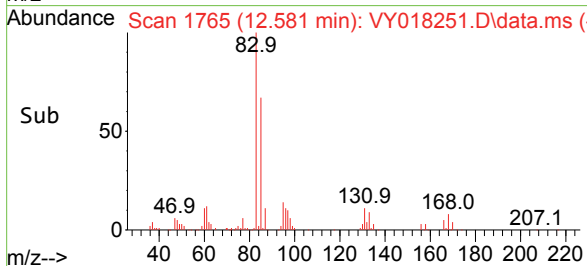
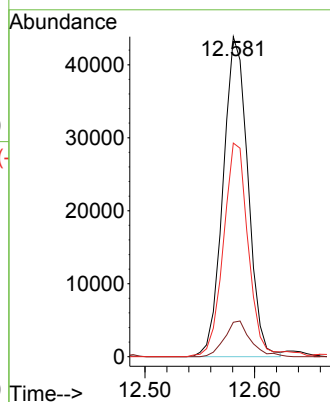
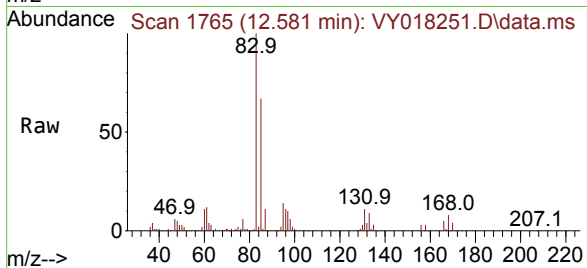
Tgt Ion: 83 Resp: 69000

Ion Ratio Lower Upper

83 100

131 11.6 5.0 14.9

85 67.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 79.545 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY018251.D

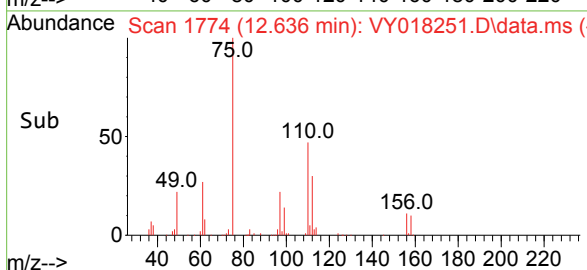
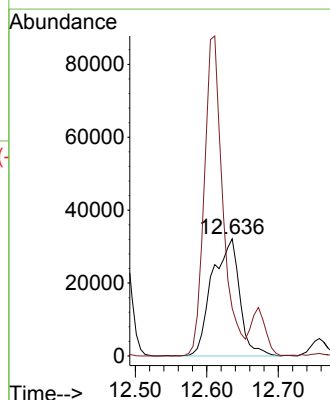
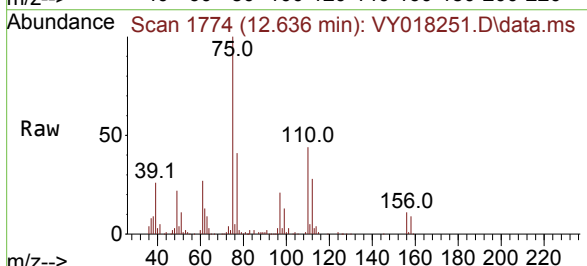
Acq: 14 May 2024 11:21

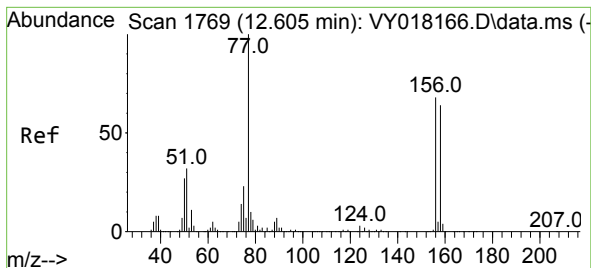
Tgt Ion: 75 Resp: 86190

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 40.730 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

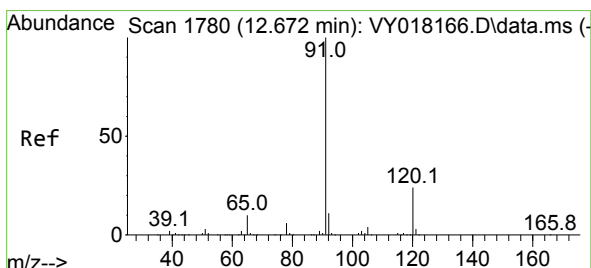
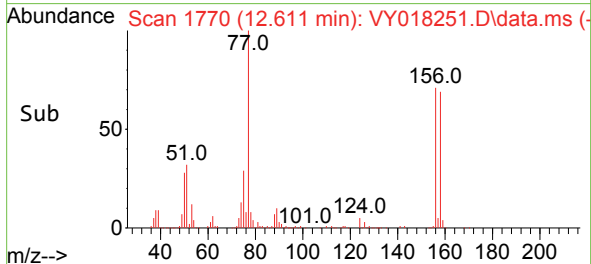
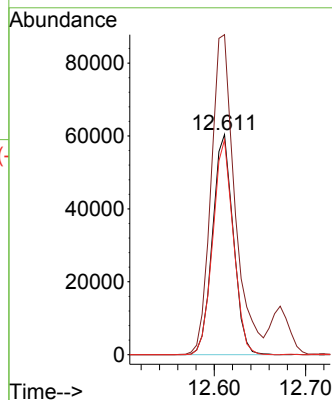
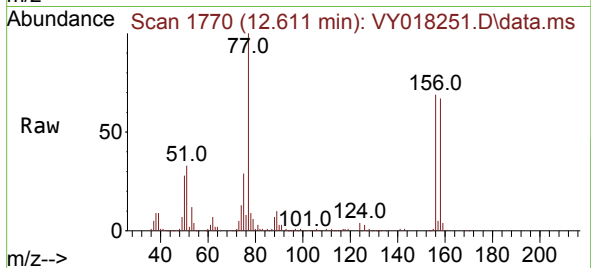
Tgt Ion:156 Resp: 94967

Ion Ratio Lower Upper

156 100

77 166.9 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 41.647 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY018251.D

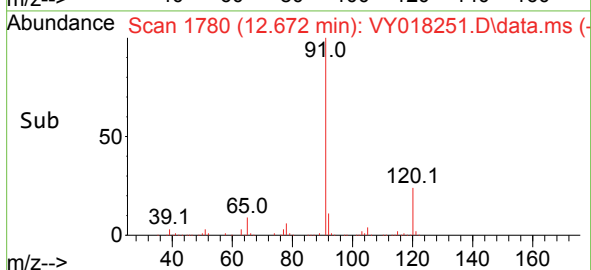
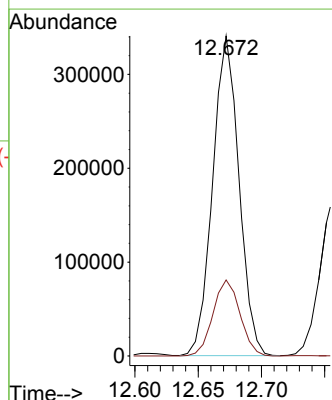
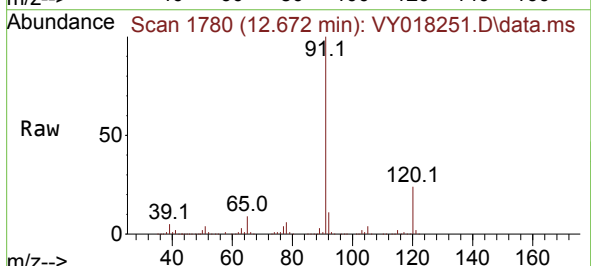
Acq: 14 May 2024 11:21

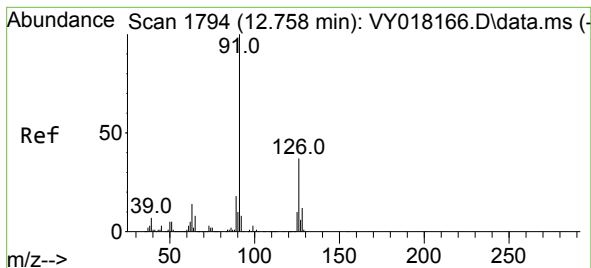
Tgt Ion: 91 Resp: 491654

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

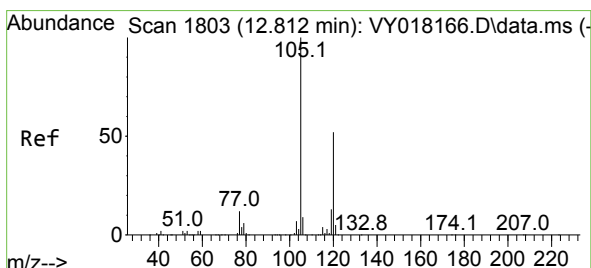
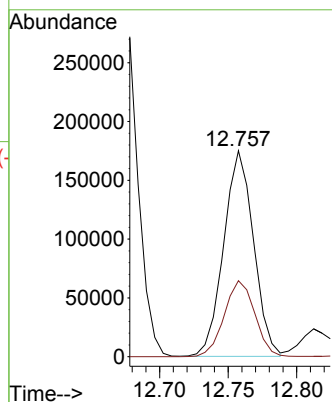
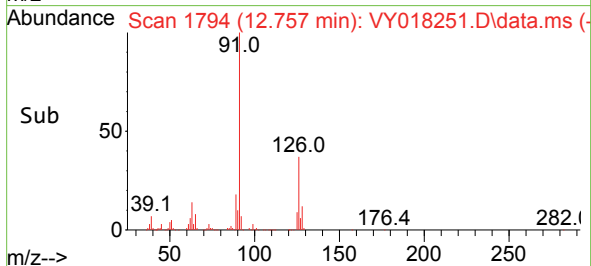
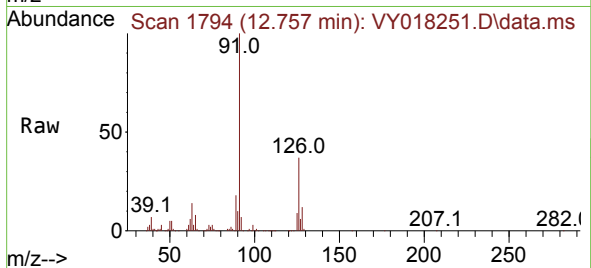




#79
2-Chlorotoluene
Concen: 40.448 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

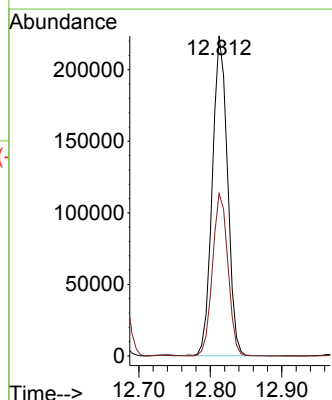
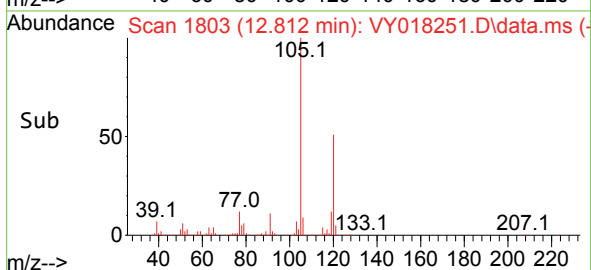
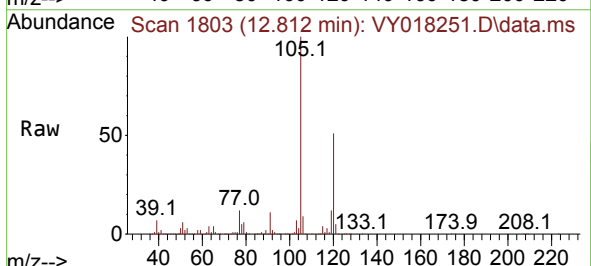
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

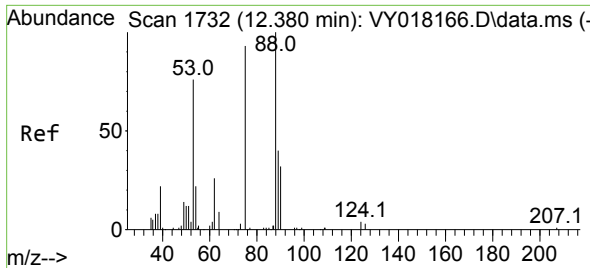
Tgt Ion: 91 Resp: 265338
Ion Ratio Lower Upper
91 100
126 37.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 41.244 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 105 Resp: 330080
Ion Ratio Lower Upper
105 100
120 51.6 25.1 75.2

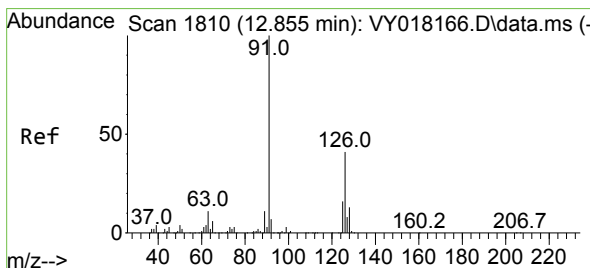
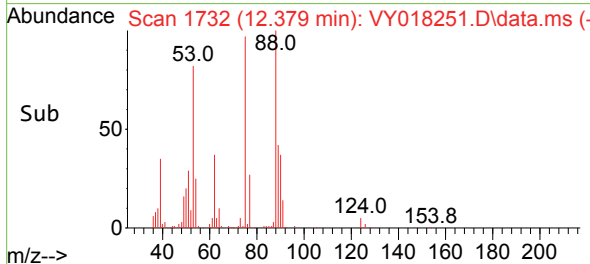
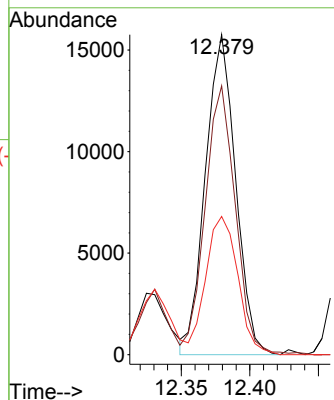
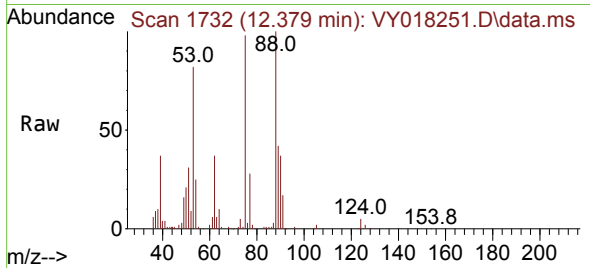




#81
trans-1,4-Dichloro-2-butene
Concen: 42.917 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

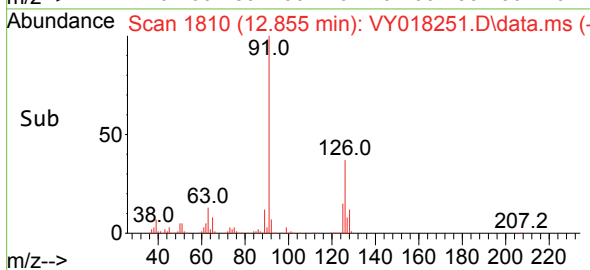
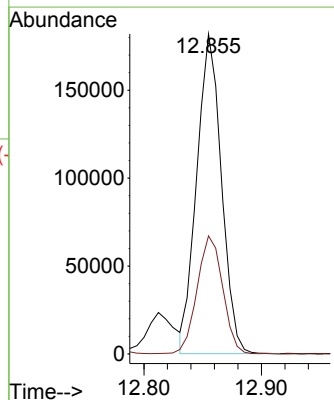
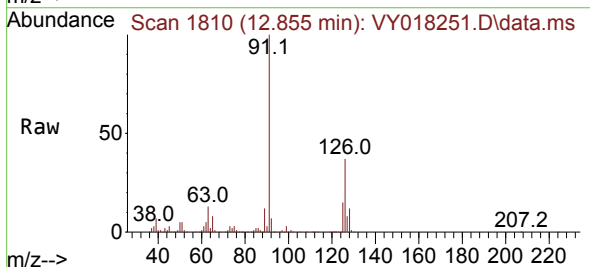
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

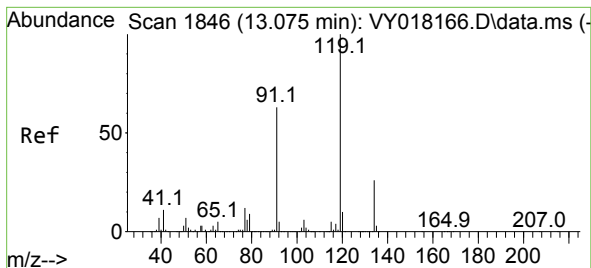
Tgt Ion: 75 Resp: 24136
Ion Ratio Lower Upper
75 100
53 84.5 66.8 100.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 40.175 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018251.D
Acq: 14 May 2024 11:21

Tgt Ion: 91 Resp: 264732
Ion Ratio Lower Upper
91 100
126 38.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 40.703 ug/l

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

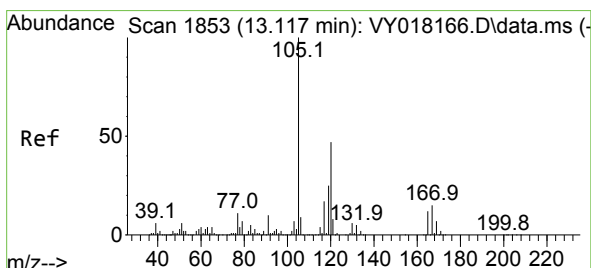
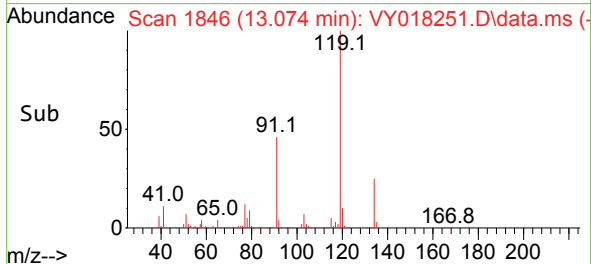
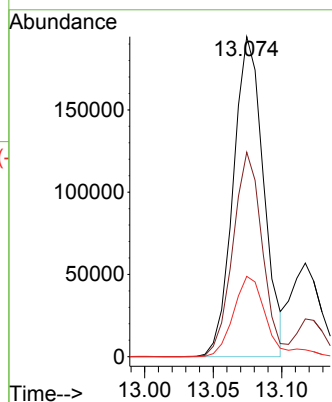
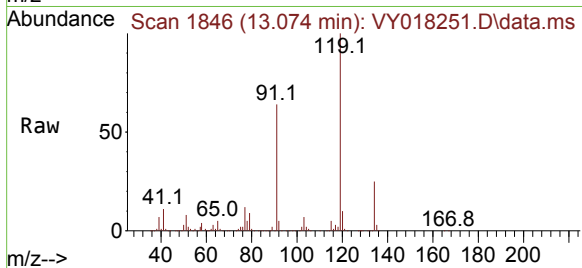
Tgt Ion:119 Resp: 300468

Ion Ratio Lower Upper

119 100

91 62.3 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 41.543 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018251.D

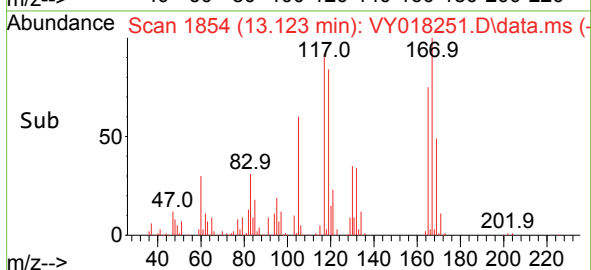
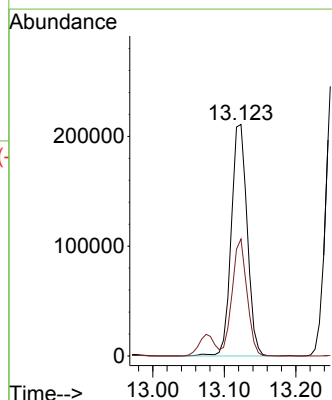
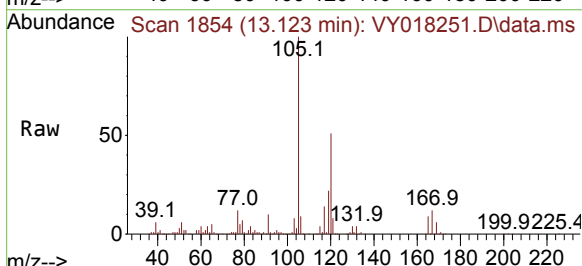
Acq: 14 May 2024 11:21

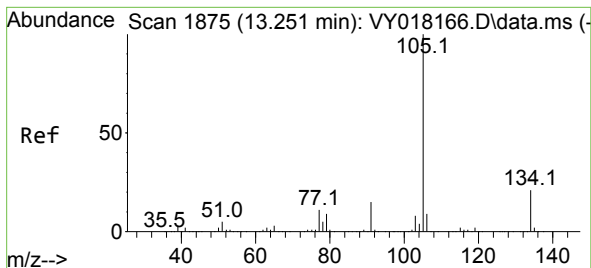
Tgt Ion:105 Resp: 325679

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 41.568 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

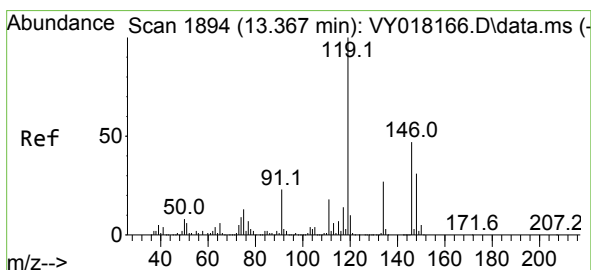
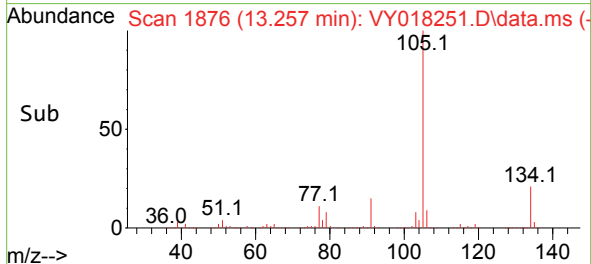
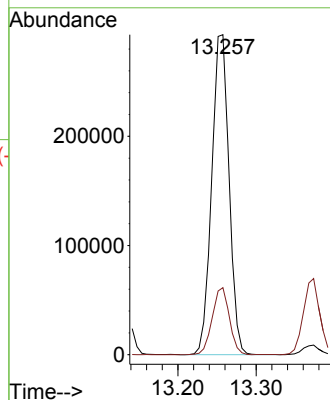
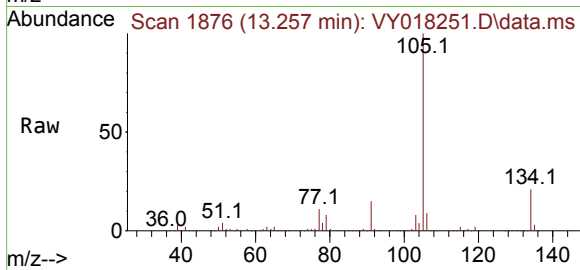
VSTDCCC050

Tgt Ion:105 Resp: 450093

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 41.504 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

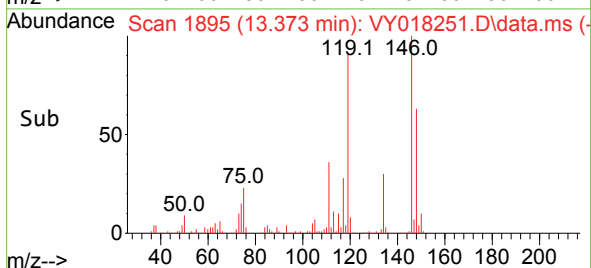
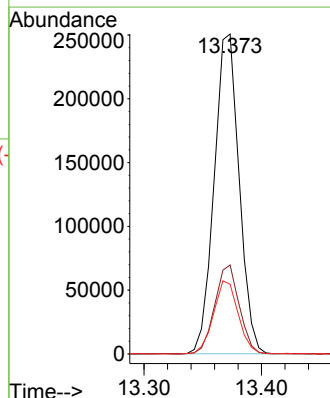
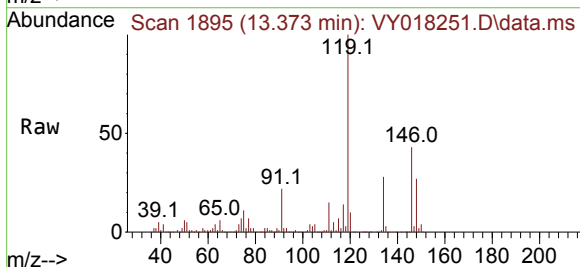
Tgt Ion:119 Resp: 369708

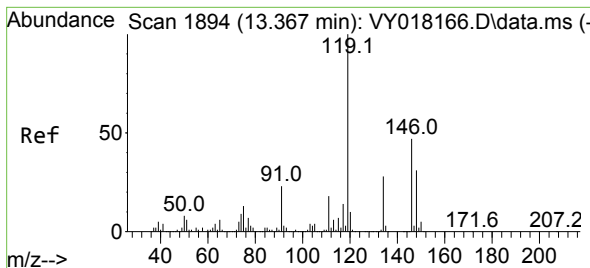
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 22.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 41.147 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

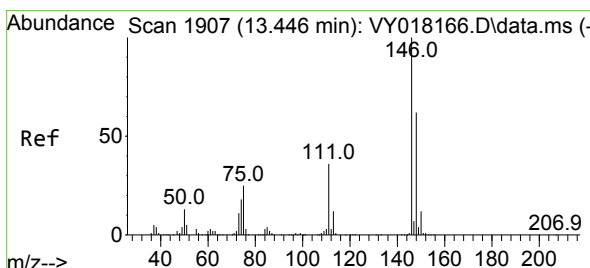
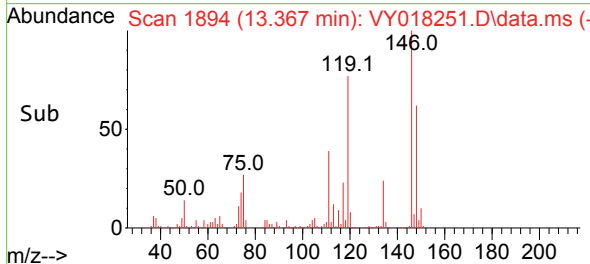
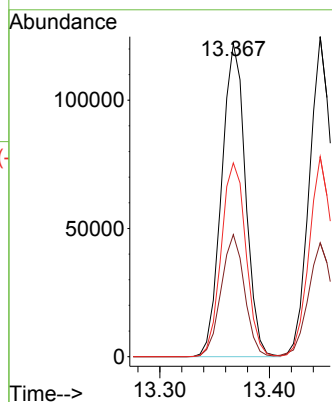
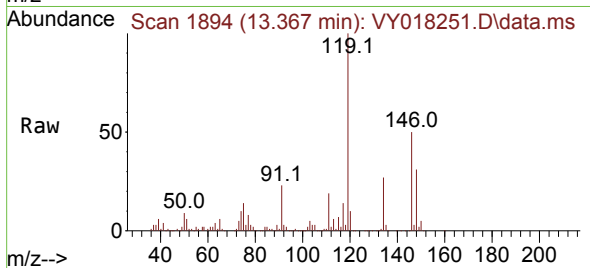
Tgt Ion:146 Resp: 185279

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 42.102 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

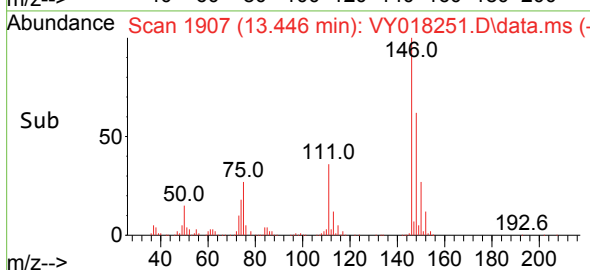
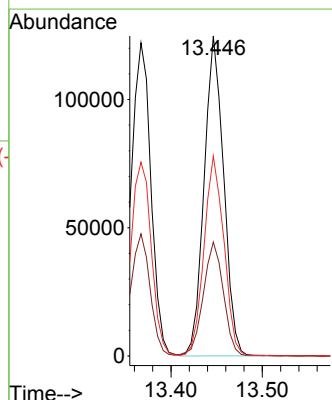
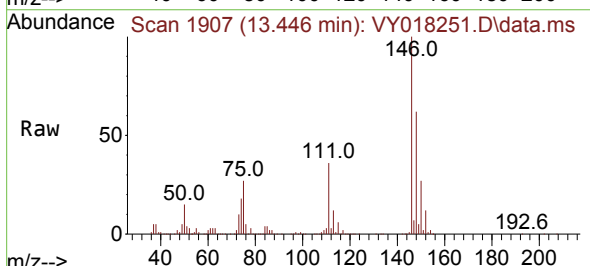
Tgt Ion:146 Resp: 184815

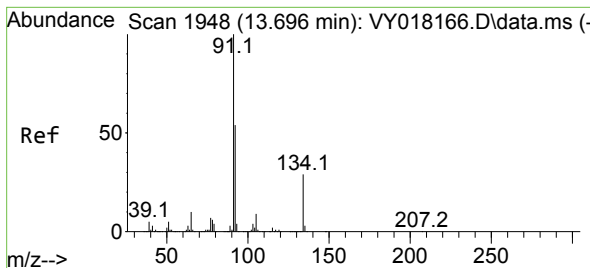
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 42.495 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

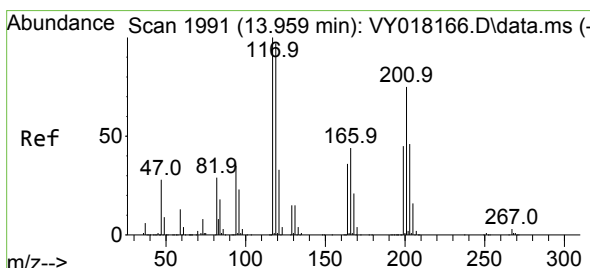
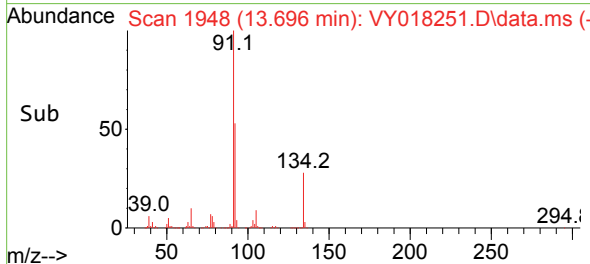
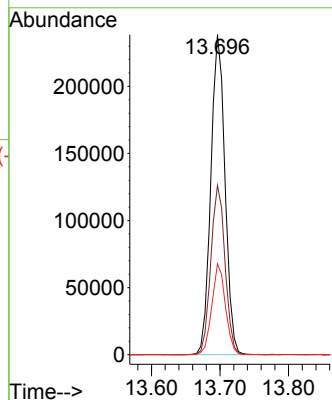
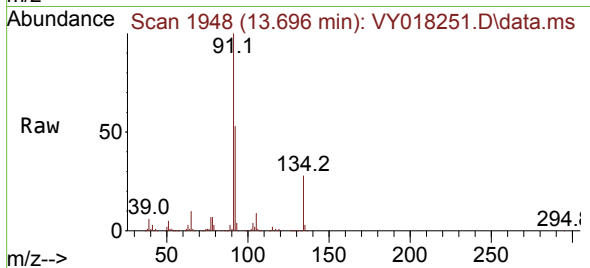
Tgt Ion: 91 Resp: 342576

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 27.3 12.9 38.7



#90

Hexachloroethane

Concen: 40.093 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018251.D

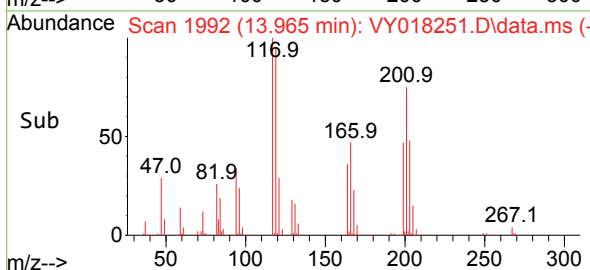
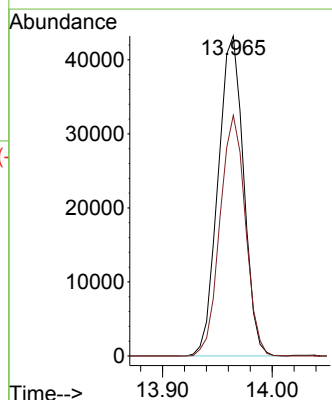
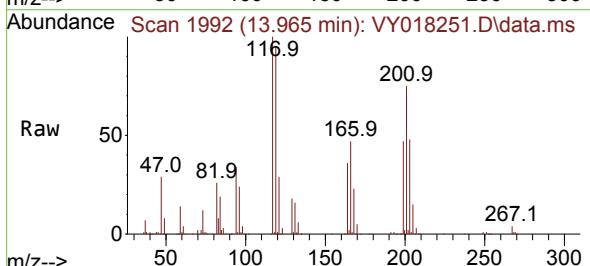
Acq: 14 May 2024 11:21

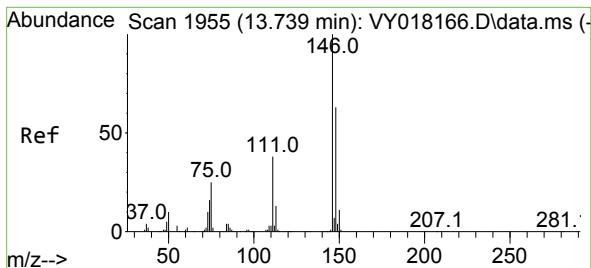
Tgt Ion: 117 Resp: 70065

Ion Ratio Lower Upper

117 100

201 74.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 41.757 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

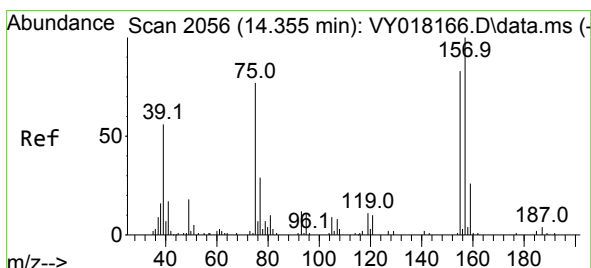
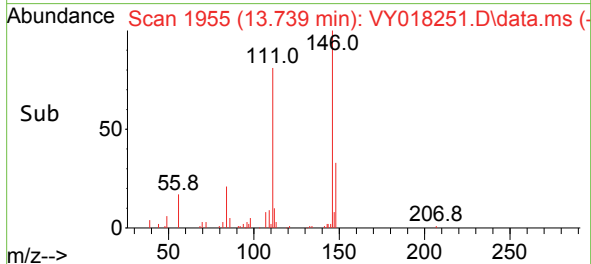
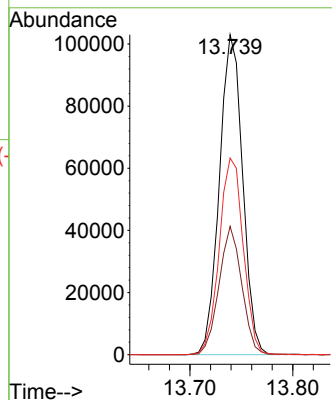
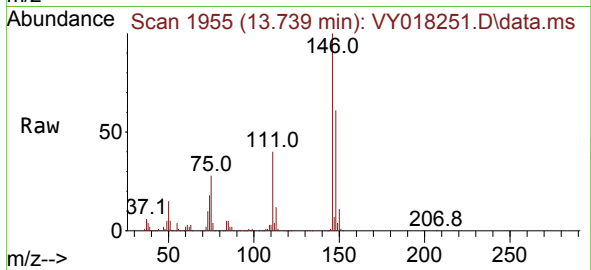
Tgt Ion:146 Resp: 161609

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.194 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

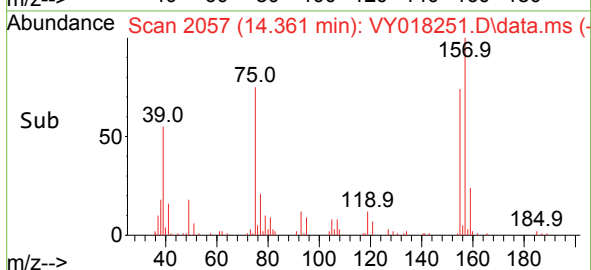
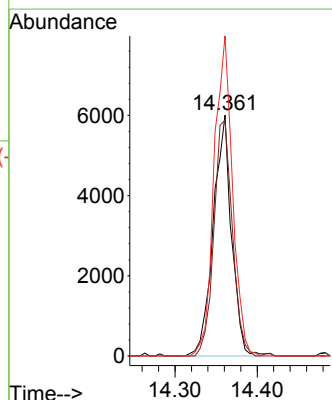
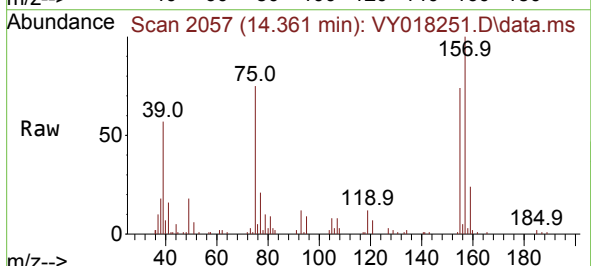
Tgt Ion: 75 Resp: 9302

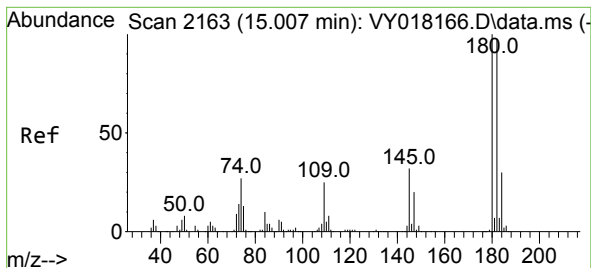
Ion Ratio Lower Upper

75 100

155 98.4 48.6 145.8

157 133.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.153 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

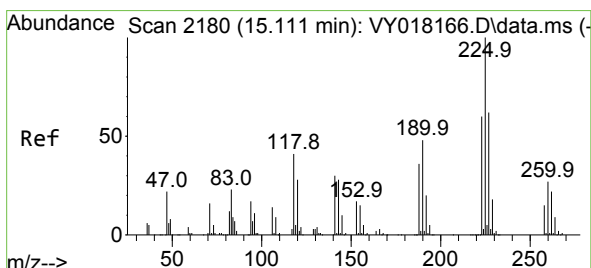
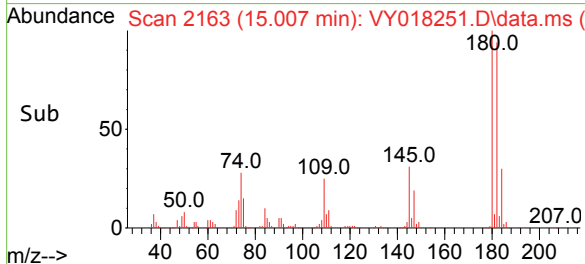
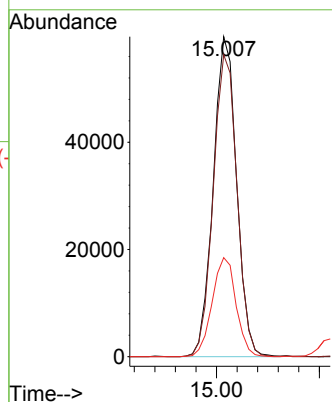
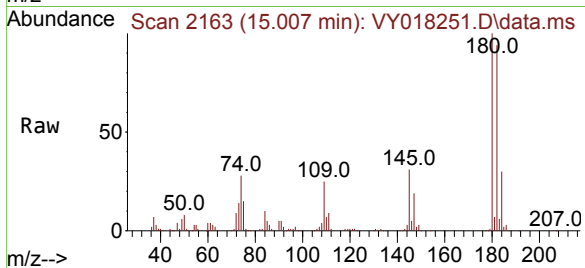
Tgt Ion:180 Resp: 93891

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 31.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 41.836 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

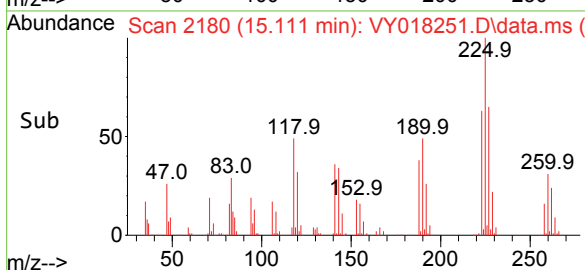
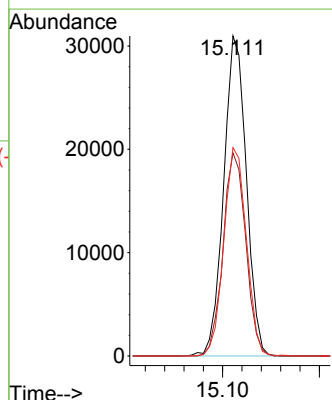
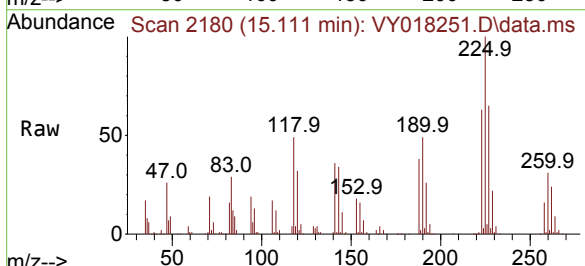
Tgt Ion:225 Resp: 50223

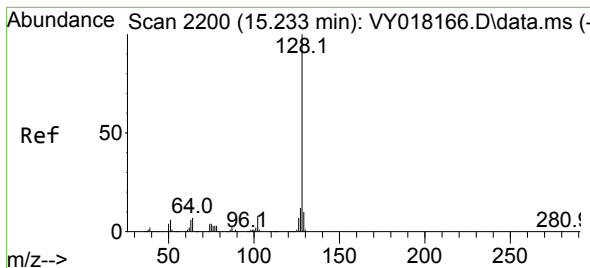
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 45.019 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

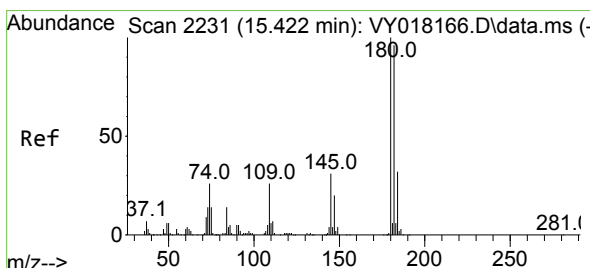
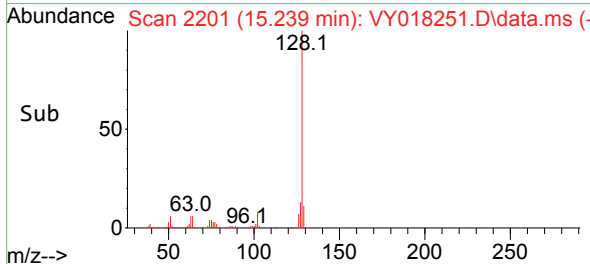
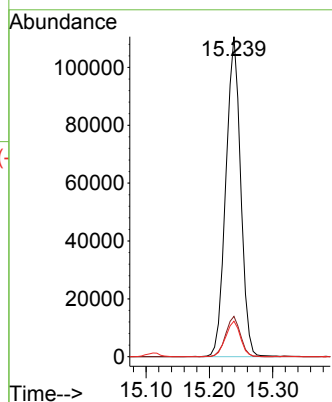
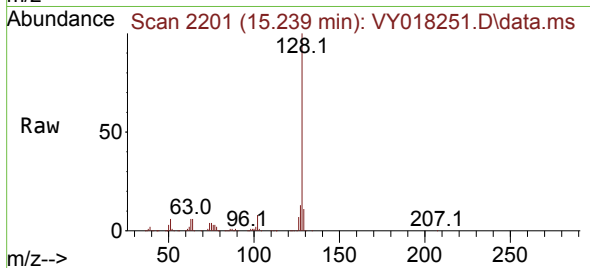
Tgt Ion:128 Resp: 179490

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.270 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018251.D

Acq: 14 May 2024 11:21

Tgt Ion:180 Resp: 79048

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 31.7 15.4 46.1

