

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013487.D
 Acq On : 26 Apr 2023 20:30
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 27 01:40:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	165294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104836	57.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.720%	
35) Dibromofluoromethane	7.716	113	91487	53.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.179	98	315715	51.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.477	95	111432	53.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	89164	56.741	ug/l	99
3) Chloromethane	2.113	50	132796	63.045	ug/l	99
4) Vinyl Chloride	2.253	62	127030	60.568	ug/l	97
5) Bromomethane	2.656	94	119250	71.351	ug/l	98
6) Chloroethane	2.796	64	93774	64.721	ug/l	95
7) Trichlorofluoromethane	3.125	101	167644	52.765	ug/l	96
8) Diethyl Ether	3.528	74	61175	56.542	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.900	101	94992	53.302	ug/l	92
10) Methyl Iodide	4.088	142	117147	52.336	ug/l	97
11) Tert butyl alcohol	4.979	59	66986	328.013	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	89114	51.875	ug/l	82
13) Acrolein	3.735	56	42224	267.311	ug/l	94
14) Allyl chloride	4.479	41	180929	56.761	ug/l	95
15) Acrylonitrile	5.161	53	204572	337.616	ug/l	98
16) Acetone	3.954	43	176969	248.002	ug/l	98
17) Carbon Disulfide	4.192	76	288084	51.626	ug/l	98
18) Methyl Acetate	4.479	43	159426	67.645	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	307722	62.047	ug/l	96
20) Methylene Chloride	4.716	84	119719	54.241	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	104152	55.451	ug/l	92
22) Diisopropyl ether	6.119	45	394477	63.316	ug/l	93
23) Vinyl Acetate	6.058	43	1290740	365.904	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	204662	58.941	ug/l	99
25) 2-Butanone	6.990	43	297876	329.154	ug/l	92
26) 2,2-Dichloropropane	6.984	77	160828	53.751	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	119726	57.692	ug/l	93
28) Bromochloromethane	7.338	49	78369	63.601	ug/l #	74
29) Tetrahydrofuran	7.350	42	209309	371.558	ug/l	89
30) Chloroform	7.503	83	206376	59.778	ug/l	100
31) Cyclohexane	7.783	56	174896	53.910	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	173653	56.368	ug/l	96
36) 1,1-Dichloropropene	7.917	75	151810	53.053	ug/l	97
37) Ethyl Acetate	7.076	43	142651	66.246	ug/l #	94
38) Carbon Tetrachloride	7.899	117	156346	52.130	ug/l	95
39) Methylcyclohexane	9.185	83	175890	52.140	ug/l	96
40) Benzene	8.161	78	434329	53.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	64930	64.707	ug/l	92
42) 1,2-Dichloroethane	8.234	62	154056	58.460	ug/l	98
43) Isopropyl Acetate	8.271	43	234244	64.447	ug/l	94
44) Trichloroethene	8.941	130	110038	51.322	ug/l	92
45) 1,2-Dichloropropane	9.216	63	120062	56.968	ug/l	96
46) Dibromomethane	9.301	93	72872	57.788	ug/l	91
47) Bromodichloromethane	9.496	83	160683	56.946	ug/l	99
48) Methyl methacrylate	9.289	41	108845	65.205	ug/l	91
49) 1,4-Dioxane	9.313	88	24256	1346.817	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	702999	347.093	ug/l	95
52) Toluene	10.240	92	266005	54.840	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	173298	58.031	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	190333	56.642	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	97876	58.610	ug/l	96
56) Ethyl methacrylate	10.508	69	148725	64.194	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	168145	59.453	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	270433	311.285	ug/l	91
59) 2-Hexanone	10.831	43	504562	342.704	ug/l	96
60) Dibromochloromethane	10.984	129	117606	58.000	ug/l	99
61) 1,2-Dibromoethane	11.087	107	98169	59.792	ug/l	98
64) Tetrachloroethene	10.721	164	92684	49.742	ug/l	97
65) Chlorobenzene	11.514	112	279798	52.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	108497	54.348	ug/l	99
67) Ethyl Benzene	11.593	91	507648	54.159	ug/l	97
68) m/p-Xylenes	11.703	106	382053	107.219	ug/l	97
69) o-Xylene	12.026	106	182542	54.167	ug/l	97
70) Styrene	12.044	104	310640	55.130	ug/l	99
71) Bromoform	12.209	173	76986	55.055	ug/l #	100
73) Isopropylbenzene	12.331	105	474915	53.958	ug/l	98
74) N-amyl acetate	12.142	43	205445	65.593	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	133354	61.986	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	173222	110.378	ug/l #	100
77) Bromobenzene	12.605	156	112034	52.533	ug/l	81
78) n-propylbenzene	12.666	91	591781	54.587	ug/l	96
79) 2-Chlorotoluene	12.752	91	333192	55.036	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	385319	53.637	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	46409	60.491	ug/l	93
82) 4-Chlorotoluene	12.855	91	346117	54.852	ug/l	95
83) tert-Butylbenzene	13.075	119	338251	54.348	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	385471	55.191	ug/l	99
85) sec-Butylbenzene	13.251	105	502326	53.778	ug/l	97
86) p-Isopropyltoluene	13.367	119	399721	53.214	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	210265	51.750	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	210992	51.407	ug/l	98
89) n-Butylbenzene	13.697	91	388487	52.989	ug/l	98
90) Hexachloroethane	13.959	117	83334	52.712	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	195906	53.394	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24256	63.840	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	109466	50.041	ug/l	96
94) Hexachlorobutadiene	15.111	225	58305	45.798	ug/l	99
95) Naphthalene	15.233	128	278145	58.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	99792	51.183	ug/l	99

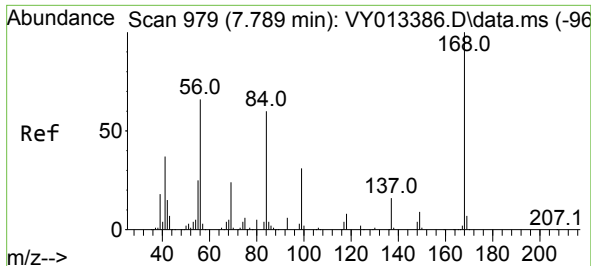
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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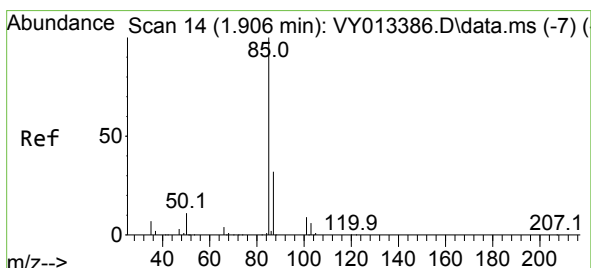
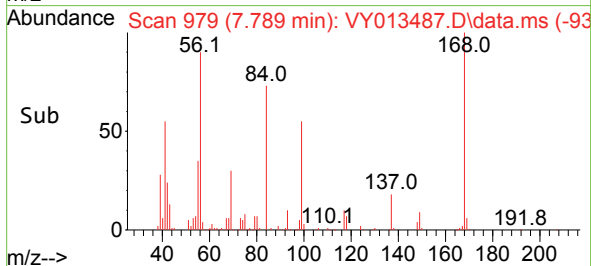
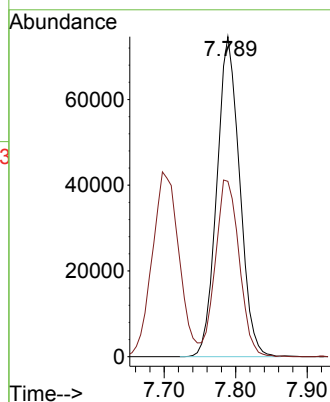
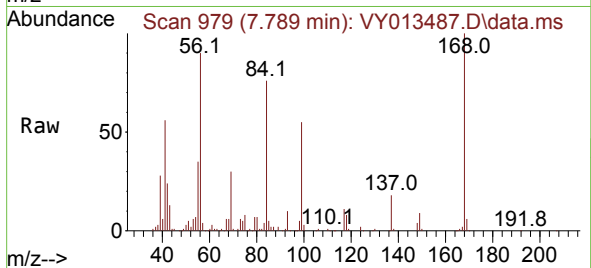
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

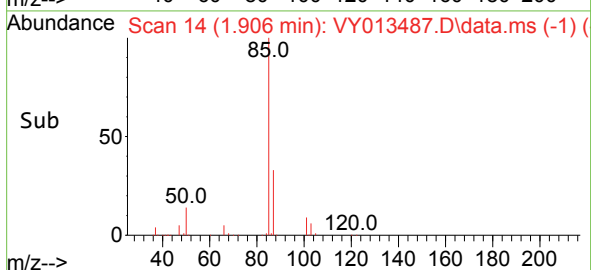
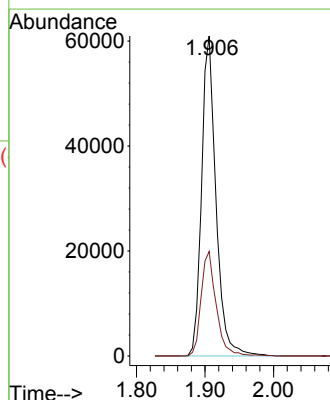
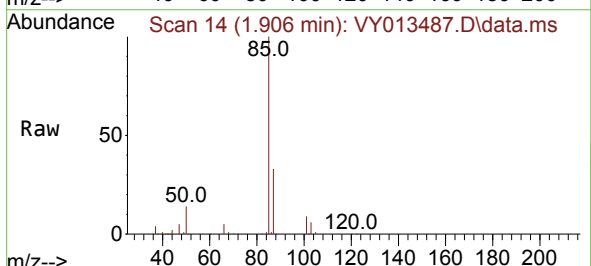
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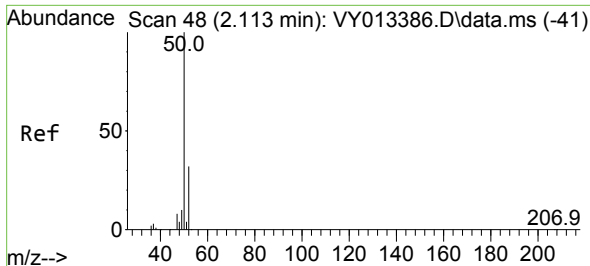
Tgt Ion:168 Resp: 165294
Ion Ratio Lower Upper
168 100
99 54.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 56.741 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 85 Resp: 89164
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

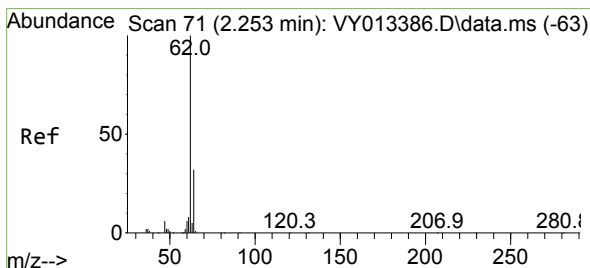
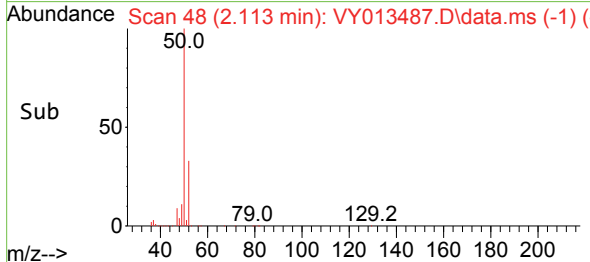
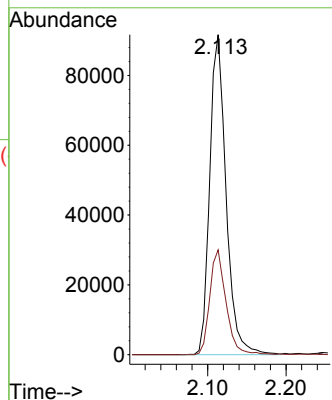
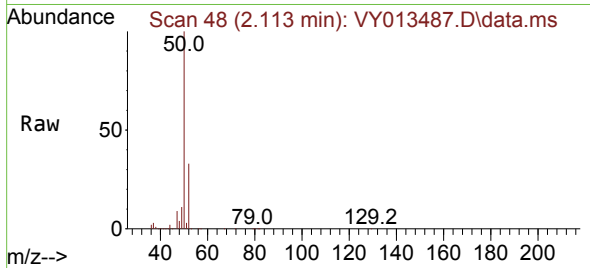




#3
Chloromethane
Concen: 63.045 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

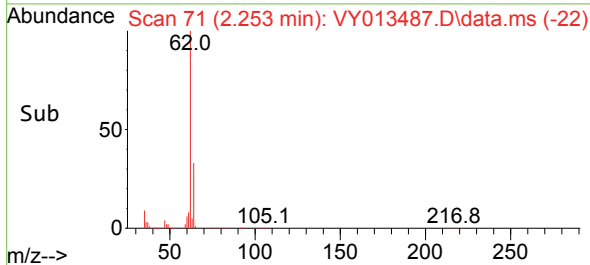
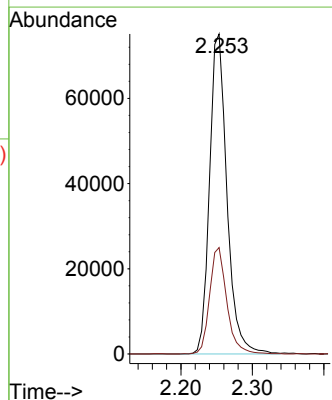
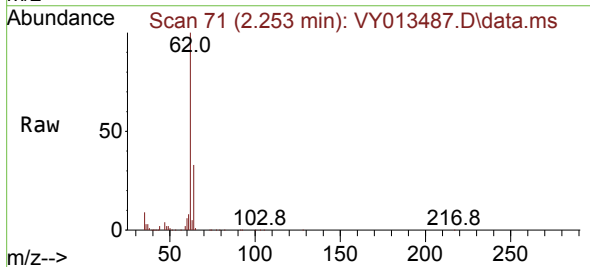
Instrument :
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ClientSampleId :
VSTDCCC050EC

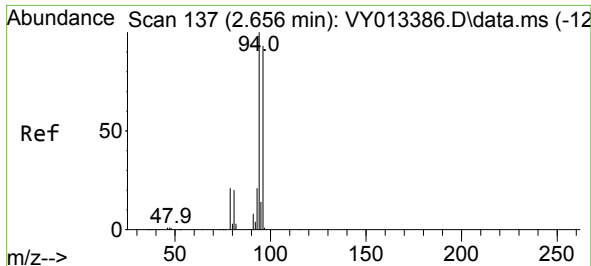
Tgt Ion: 50 Resp: 132796
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 60.568 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 62 Resp: 127030
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

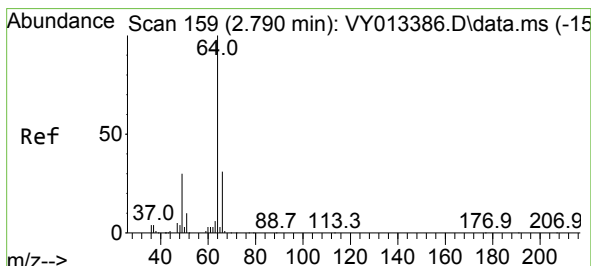
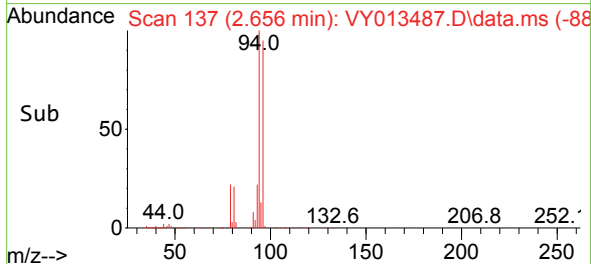
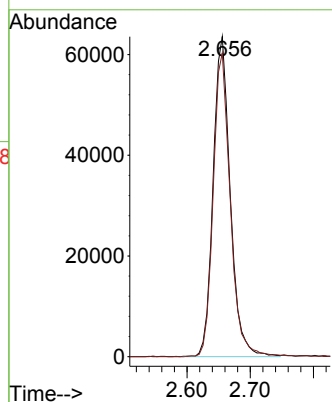
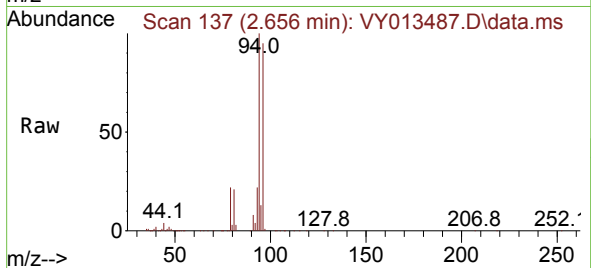




#5
Bromomethane
Concen: 71.351 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

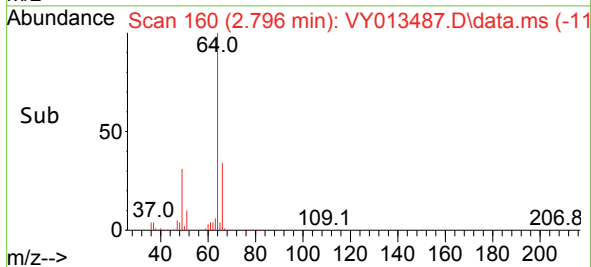
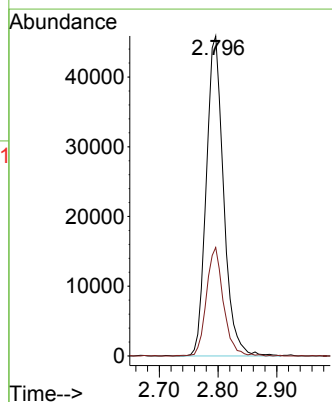
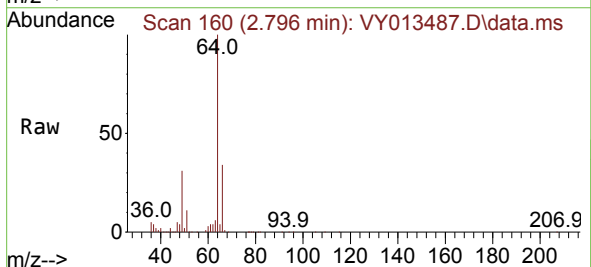
Instrument :
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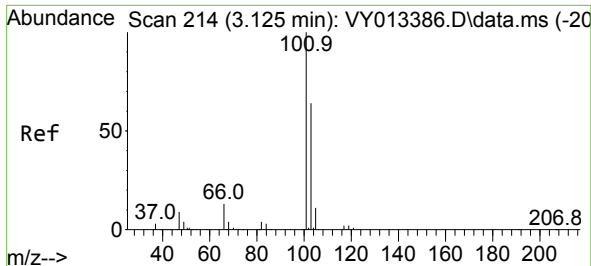
Tgt Ion: 94 Resp: 119250
Ion Ratio Lower Upper
94 100
96 94.9 74.2 111.2



#6
Chloroethane
Concen: 64.721 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 64 Resp: 93774
Ion Ratio Lower Upper
64 100
66 33.8 24.6 37.0

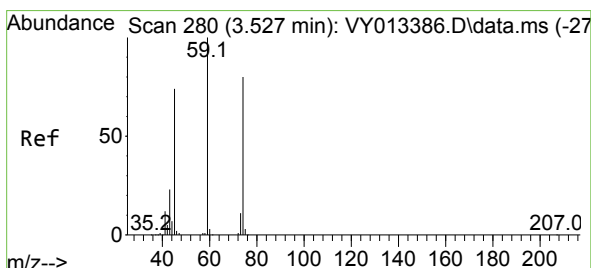
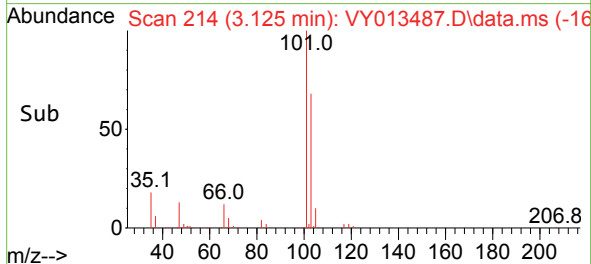
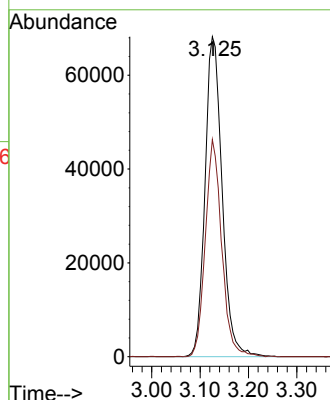
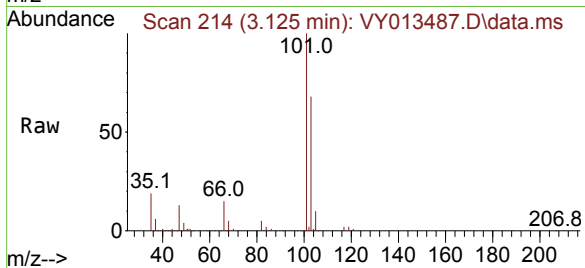




#7
Trichlorofluoromethane
Concen: 52.765 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

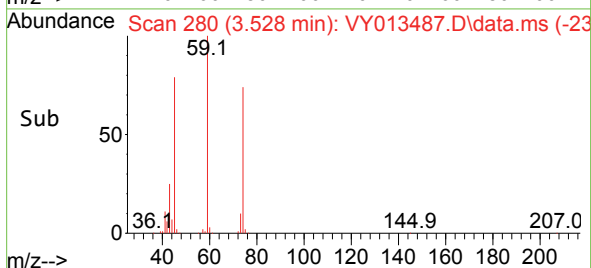
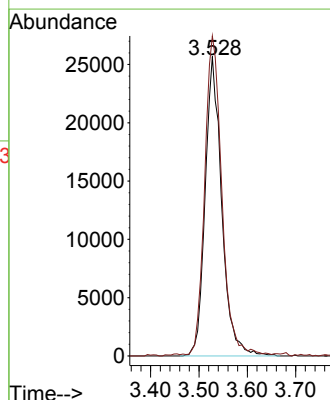
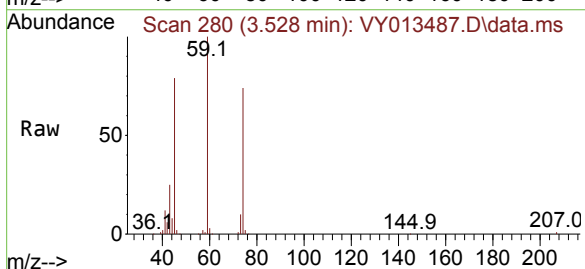
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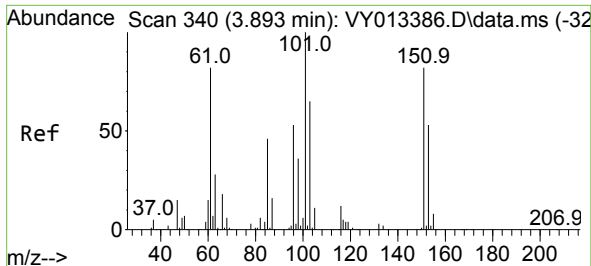
Tgt Ion:101 Resp: 167644
Ion Ratio Lower Upper
101 100
103 67.8 51.6 77.4



#8
Diethyl Ether
Concen: 56.542 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 74 Resp: 61175
Ion Ratio Lower Upper
74 100
45 109.2 48.2 144.6

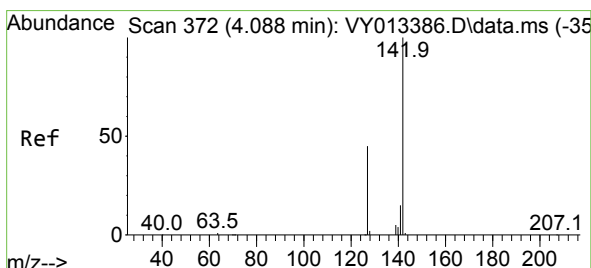
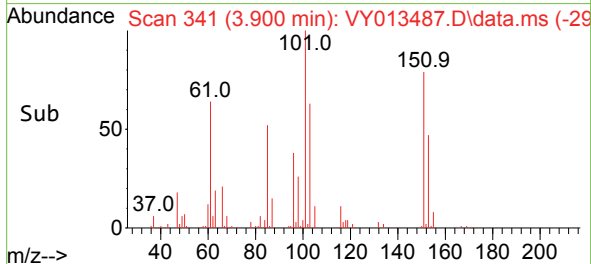
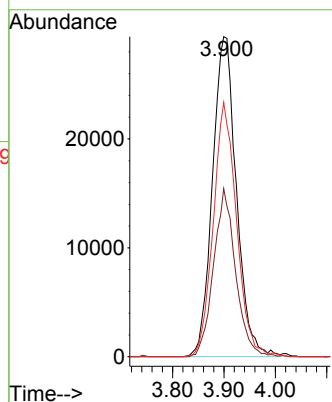
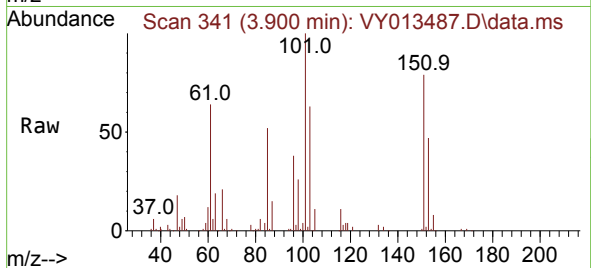




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.302 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013487.D
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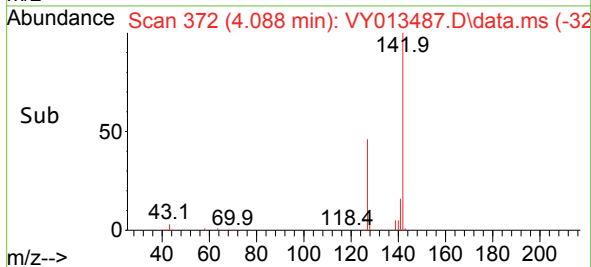
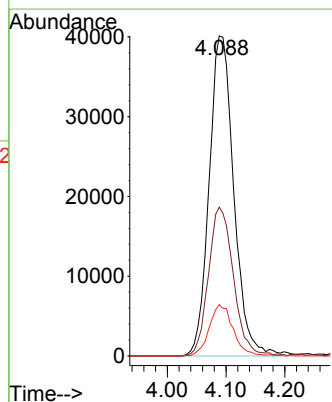
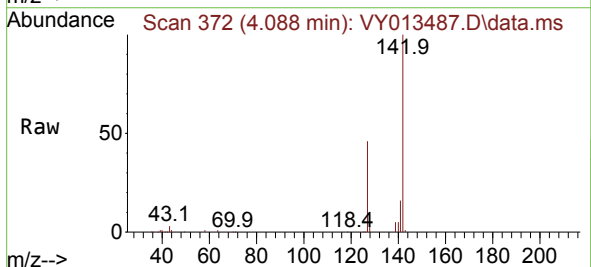
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

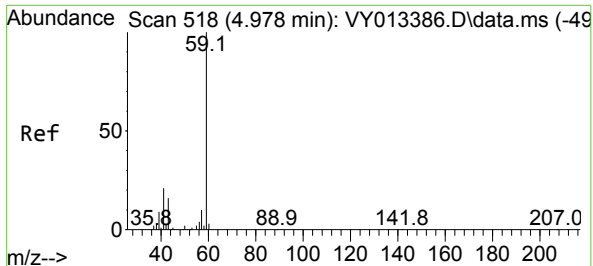
Tgt Ion:101 Resp: 94992
Ion Ratio Lower Upper
101 100
85 48.4 35.6 53.4
151 77.4 68.0 102.0



#10
Methyl Iodide
Concen: 52.336 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion:142 Resp: 117147
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 15.6 11.6 17.4

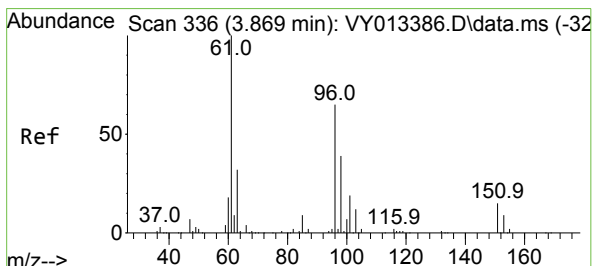
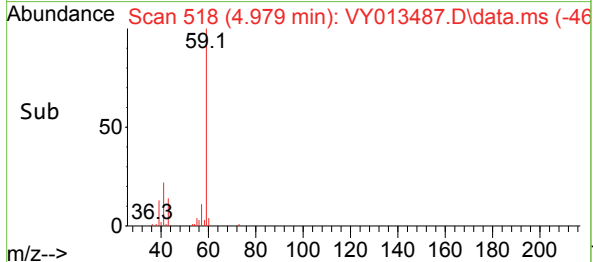
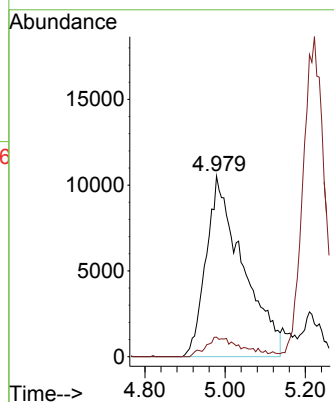
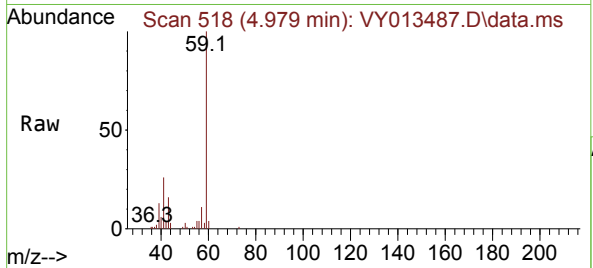




#11
Tert butyl alcohol
Concen: 328.013 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

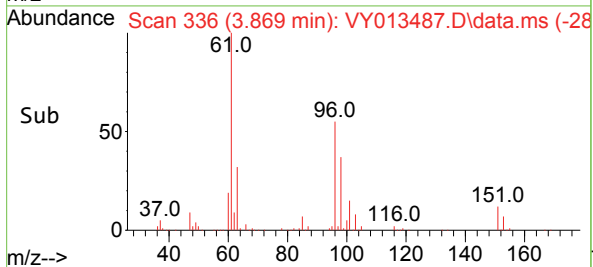
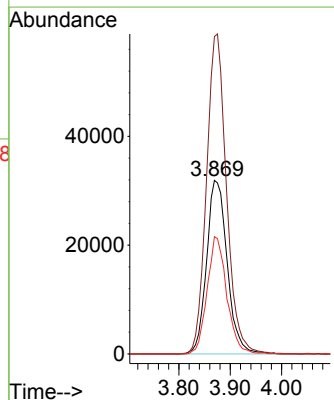
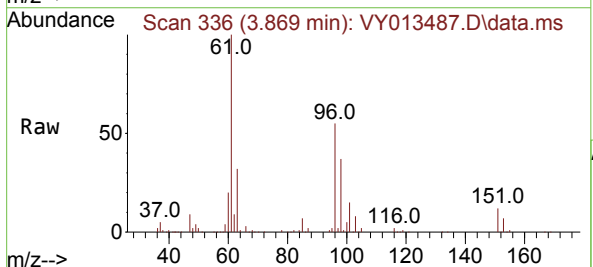
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

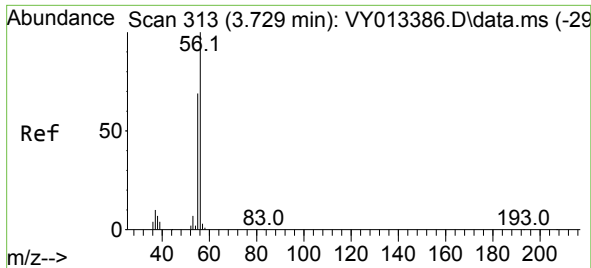
Tgt Ion: 59 Resp: 66986
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.875 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 96 Resp: 89114
Ion Ratio Lower Upper
96 100
61 182.9 123.9 185.9
98 67.6 48.9 73.3





#13

Acrolein

Concen: 267.311 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

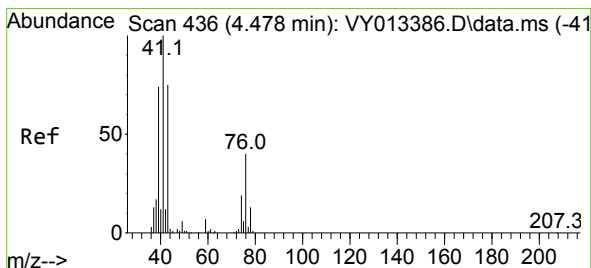
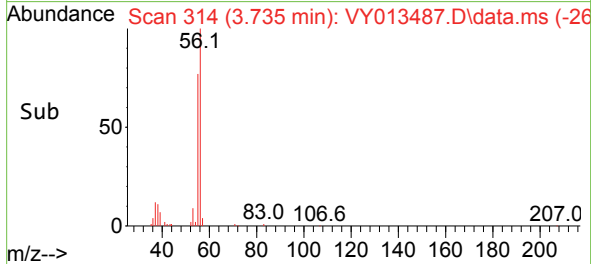
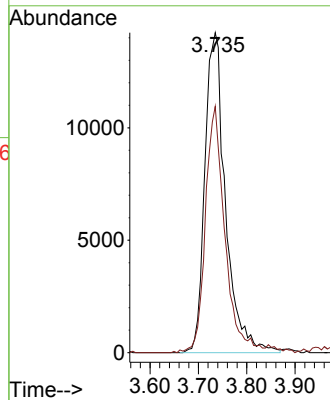
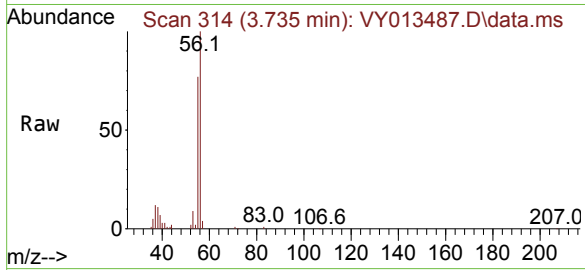
VSTDCCC050EC

Tgt Ion: 56 Resp: 42224

Ion Ratio Lower Upper

56 100

55 72.7 54.1 81.1



#14

Allyl chloride

Concen: 56.761 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

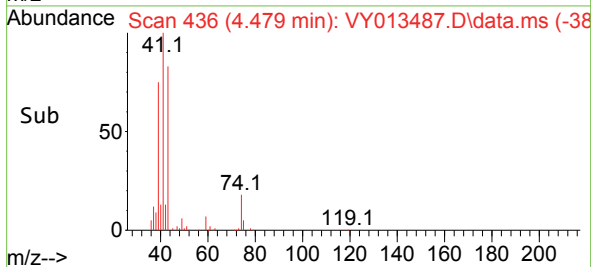
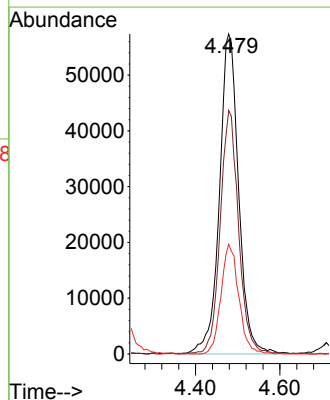
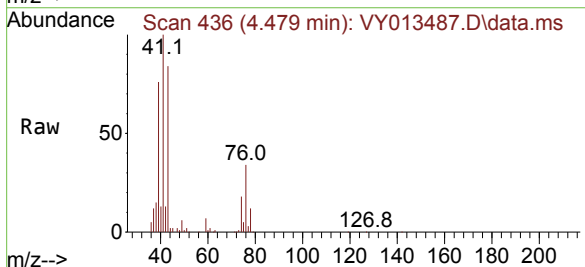
Tgt Ion: 41 Resp: 180929

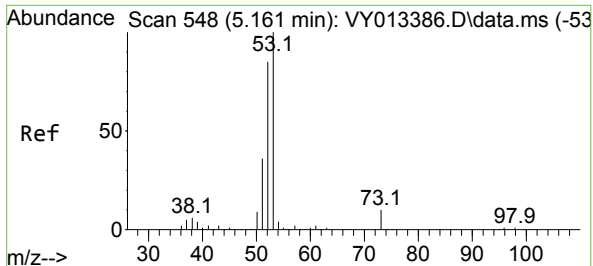
Ion Ratio Lower Upper

41 100

39 72.3 56.6 85.0

76 31.7 30.5 45.7

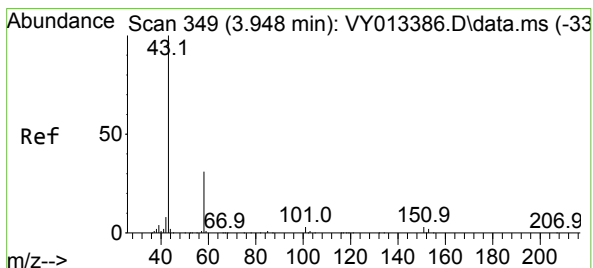
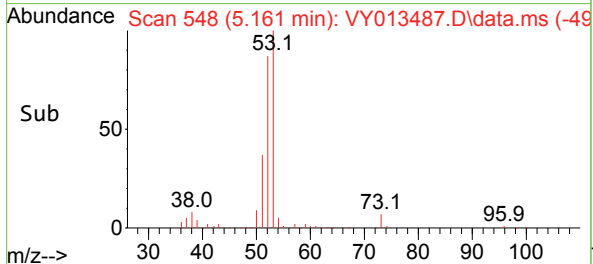
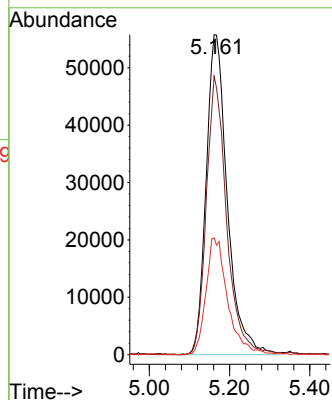
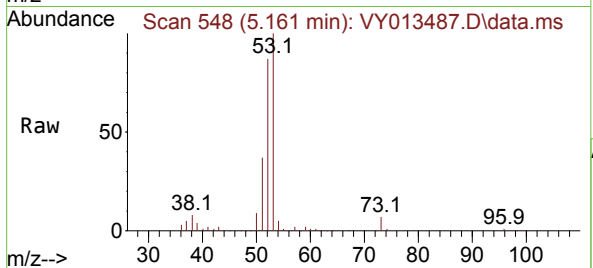




#15
Acrylonitrile
Concen: 337.616 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

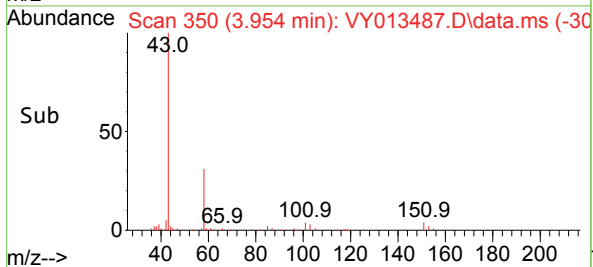
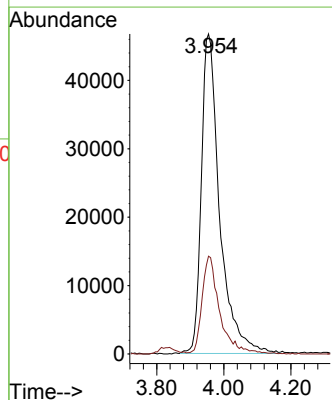
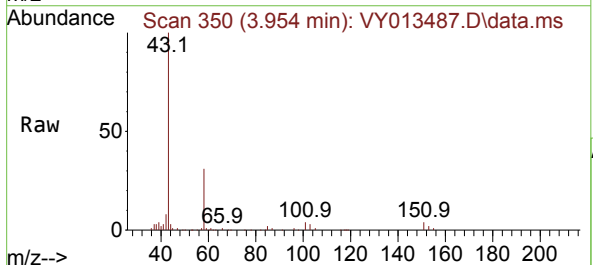
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

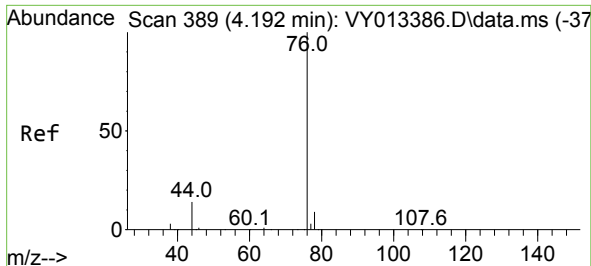
Tgt Ion: 53 Resp: 204572
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 37.4 29.3 43.9



#16
Acetone
Concen: 248.002 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 43 Resp: 176969
Ion Ratio Lower Upper
43 100
58 30.4 25.4 38.0

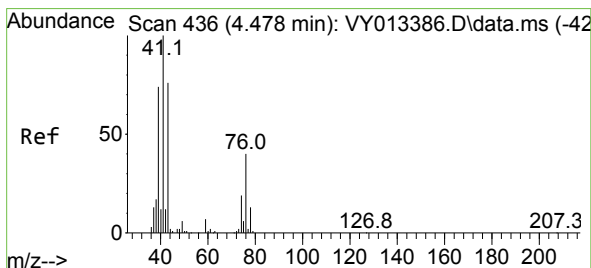
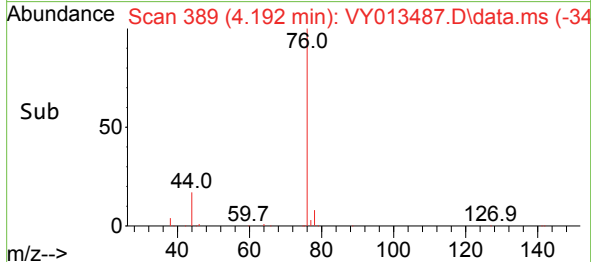
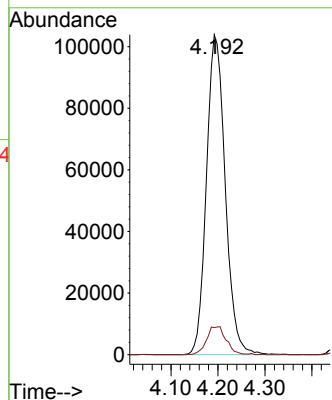
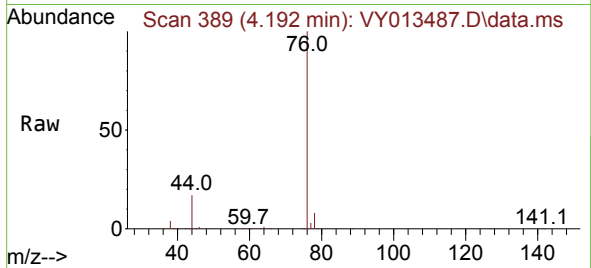




#17
Carbon Disulfide
Concen: 51.626 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

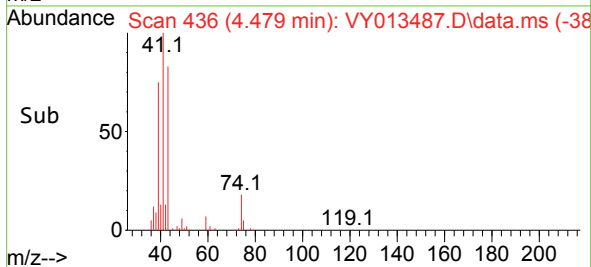
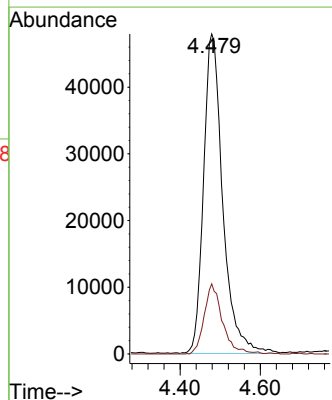
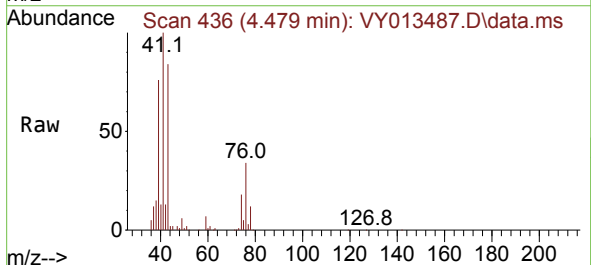
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

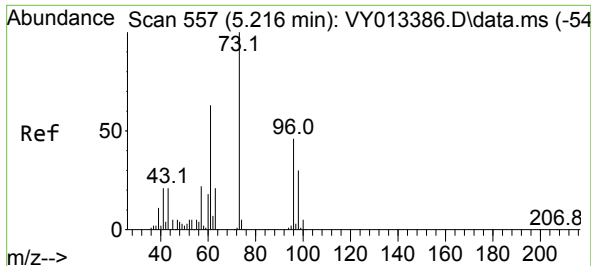
Tgt Ion: 76 Resp: 288084
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 67.645 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 43 Resp: 159426
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2

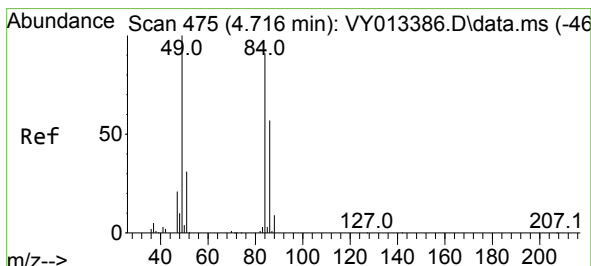
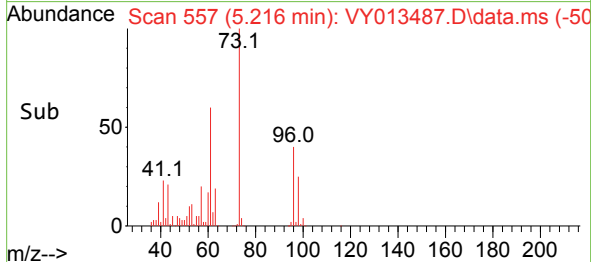
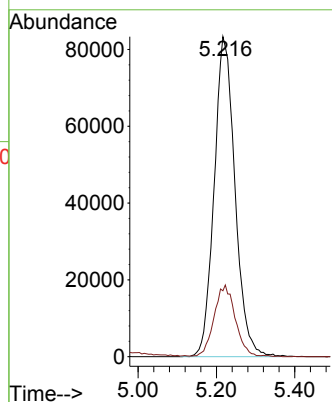
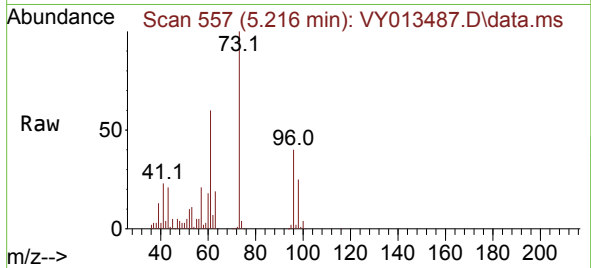




#19
Methyl tert-butyl Ether
Concen: 62.047 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

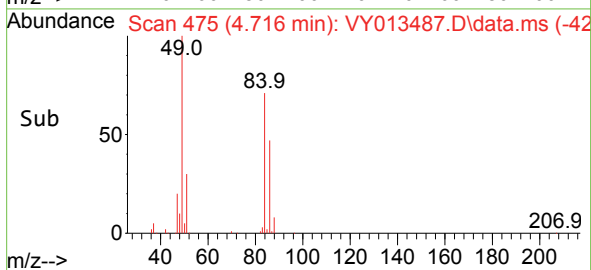
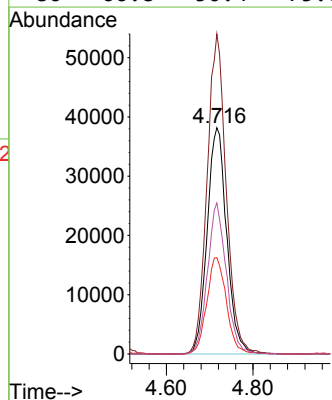
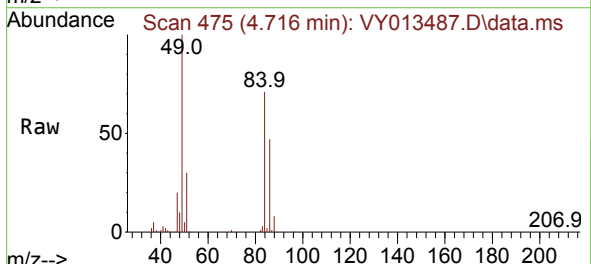
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

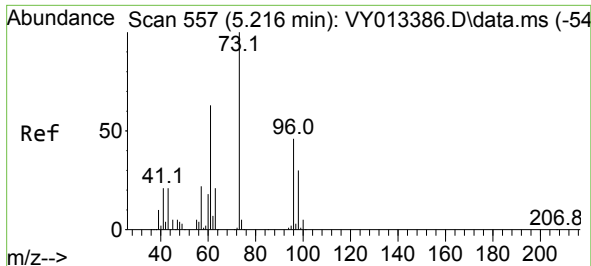
Tgt Ion: 73 Resp: 307722
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.8



#20
Methylene Chloride
Concen: 54.241 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 84 Resp: 119719
Ion Ratio Lower Upper
84 100
49 141.4 88.0 132.0#
51 42.6 27.4 41.0#
86 66.8 50.4 75.6

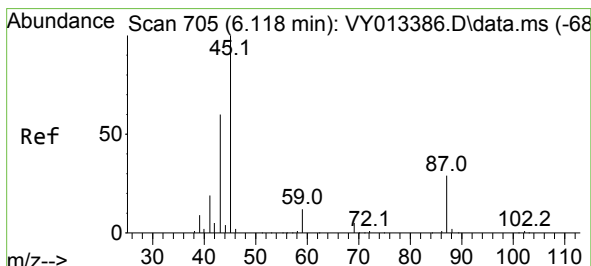
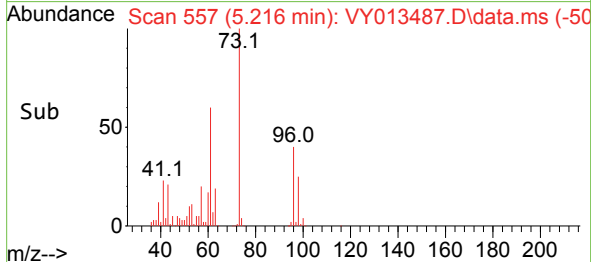
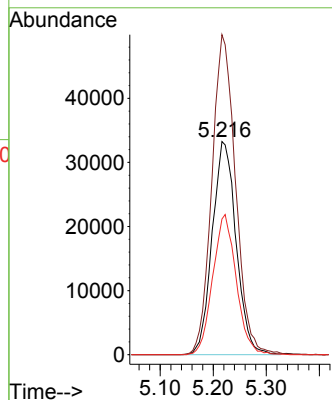
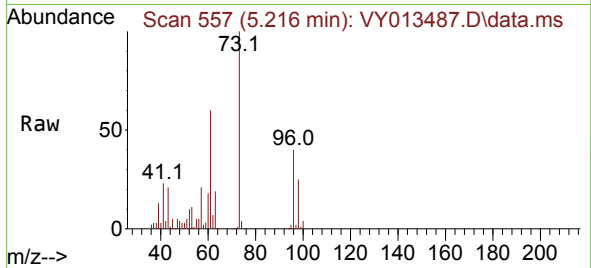




#21
trans-1,2-Dichloroethene
Concen: 55.451 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

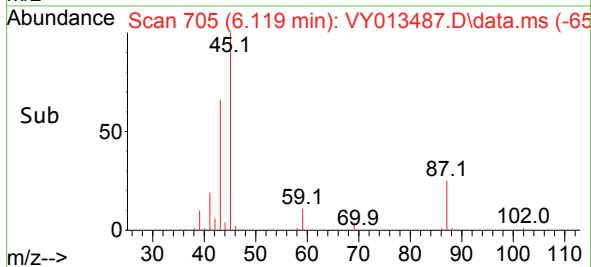
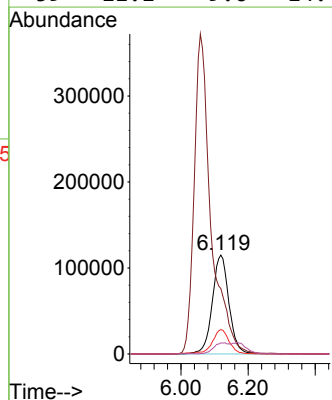
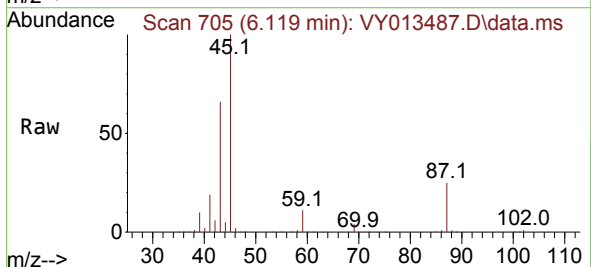
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

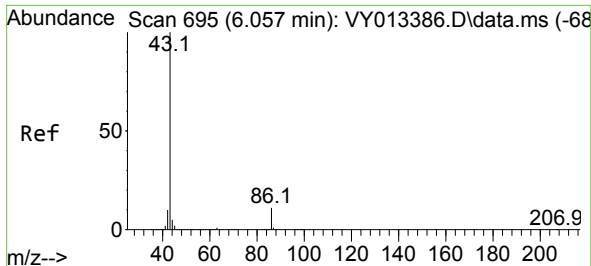
Tgt Ion: 96 Resp: 104152
Ion Ratio Lower Upper
96 100
61 150.2 110.6 165.8
98 63.7 53.1 79.7



#22
Diisopropyl ether
Concen: 63.316 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 45 Resp: 394477
Ion Ratio Lower Upper
45 100
43 65.8 48.4 72.6
87 24.7 23.8 35.6
59 11.1 9.6 14.4

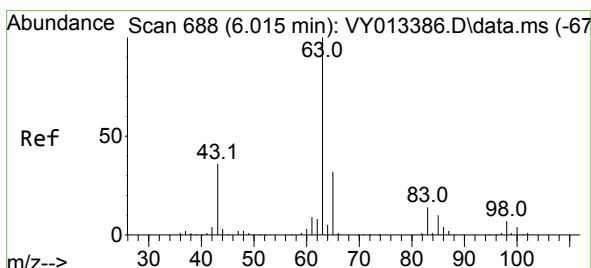
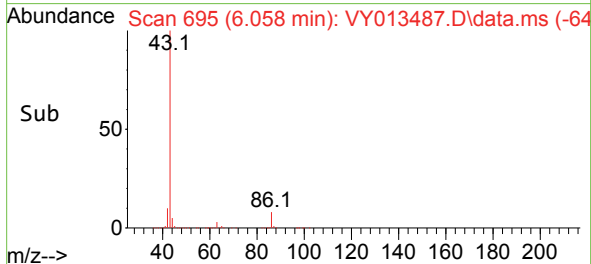
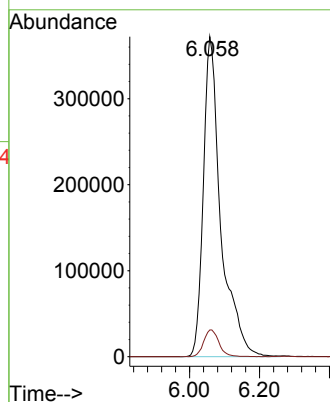
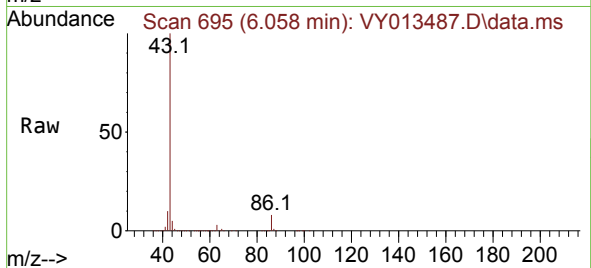




#23
 Vinyl Acetate
 Concen: 365.904 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

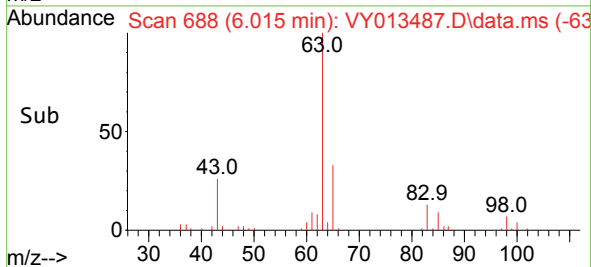
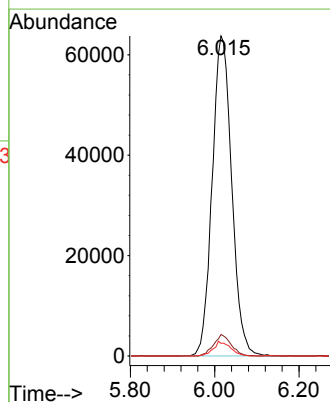
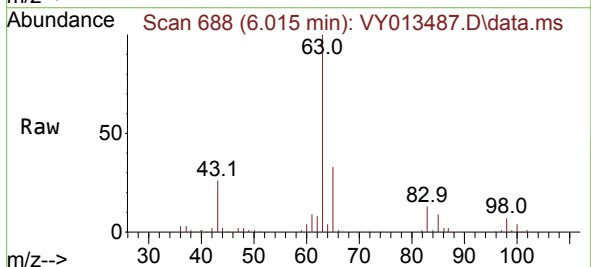
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

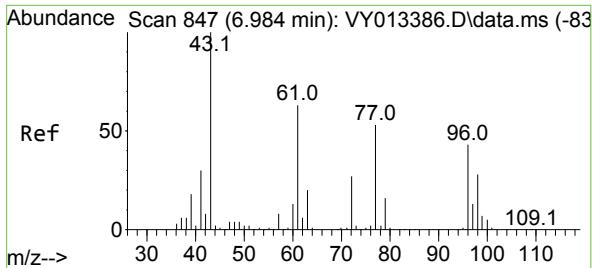
Tgt Ion: 43 Resp: 1290740
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 58.941 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

Tgt Ion: 63 Resp: 204662
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 3.9 2.2 6.6

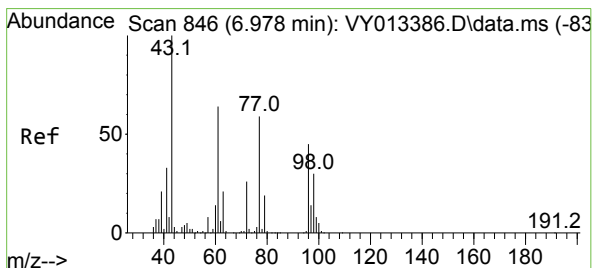
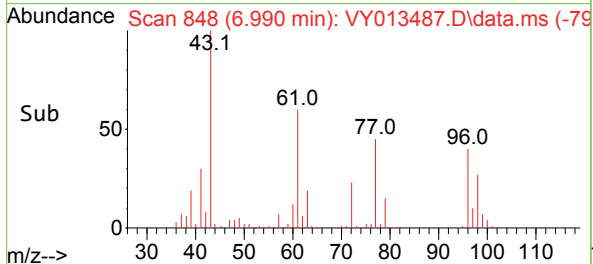
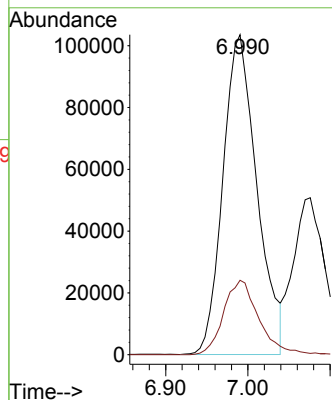
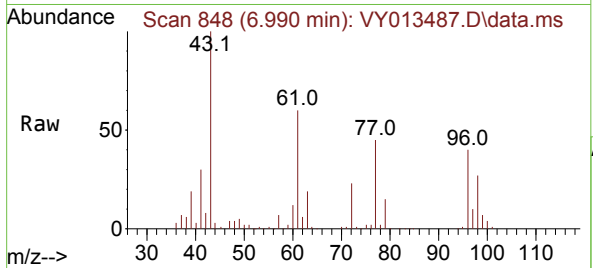




#25
2-Butanone
Concen: 329.154 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

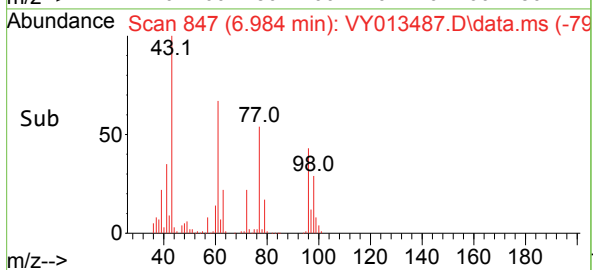
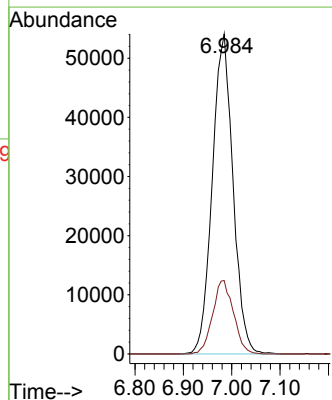
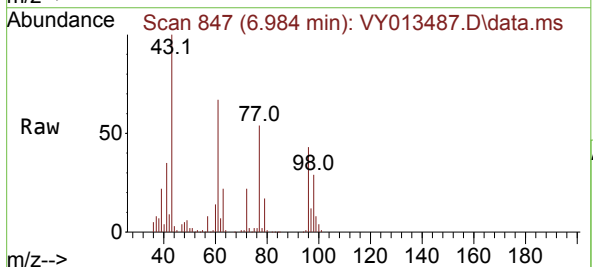
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

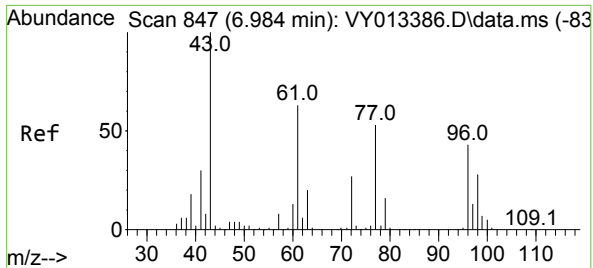
Tgt Ion: 43 Resp: 297876
Ion Ratio Lower Upper
43 100
72 23.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 53.751 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 77 Resp: 160828
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4

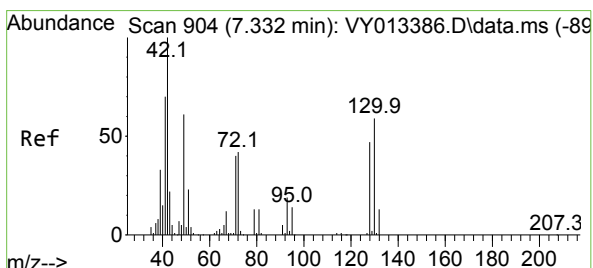
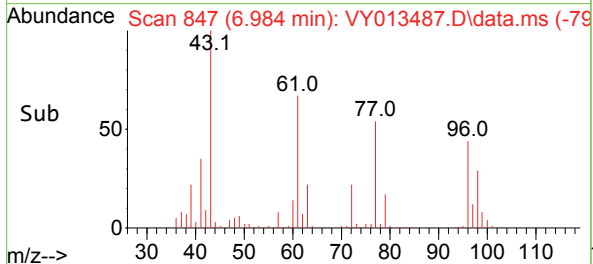
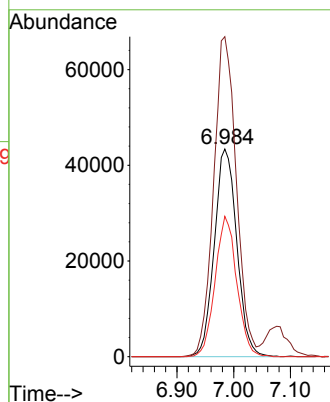
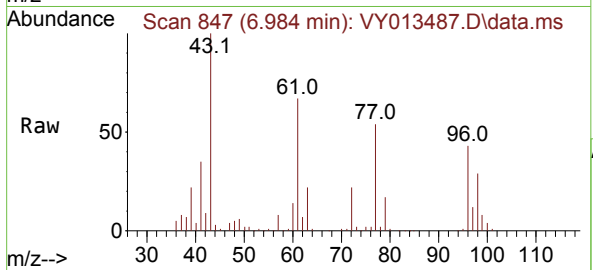




#27
 cis-1,2-Dichloroethene
 Concen: 57.692 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

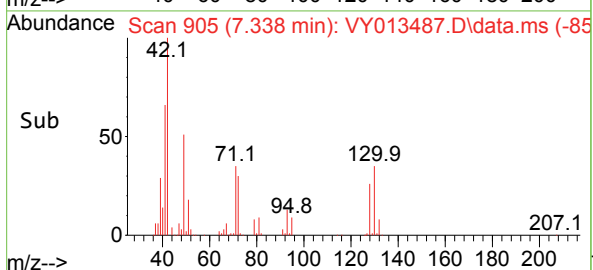
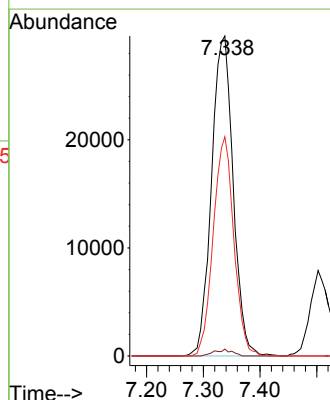
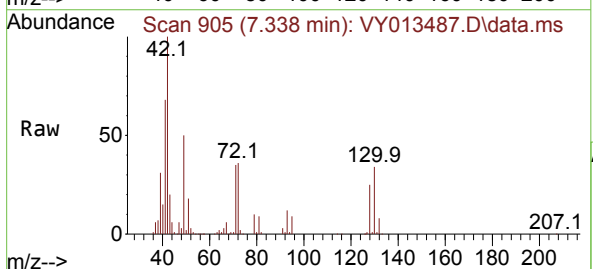
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

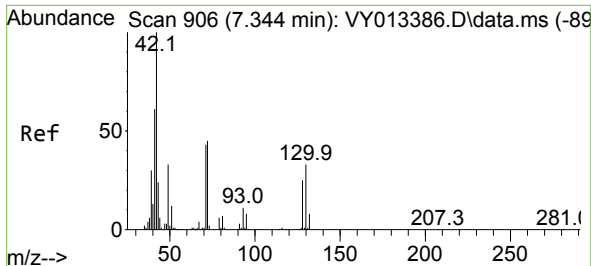
Tgt Ion: 96 Resp: 119726
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 285.0
 98 65.0 0.0 130.6



#28
 Bromochloromethane
 Concen: 63.601 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

Tgt Ion: 49 Resp: 78369
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.2
 130 65.3 72.1 108.1#





#29

Tetrahydrofuran

Concen: 371.558 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

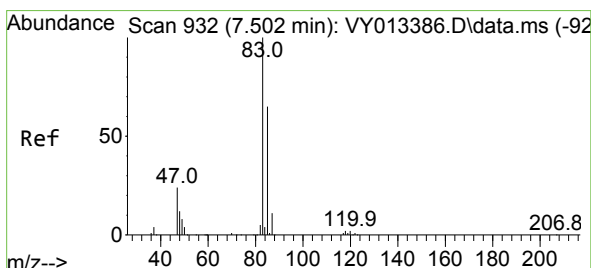
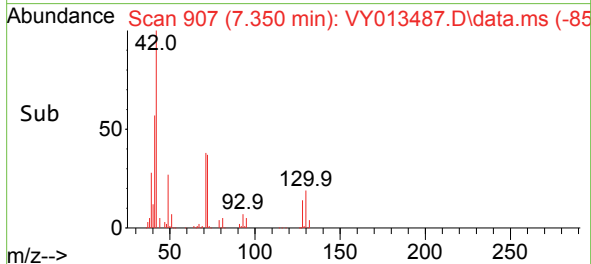
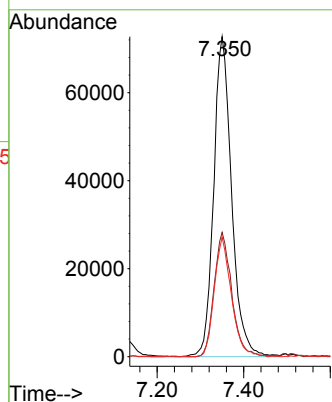
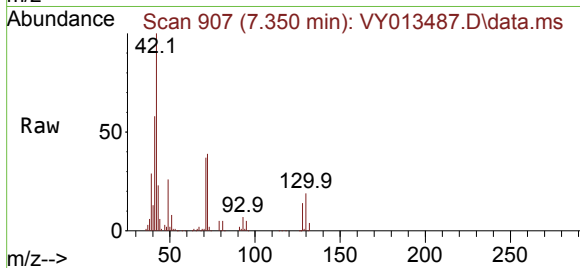
Tgt Ion: 42 Resp: 209309

Ion Ratio Lower Upper

42 100

72 38.3 35.9 53.9

71 35.7 34.3 51.5



#30

Chloroform

Concen: 59.778 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013487.D

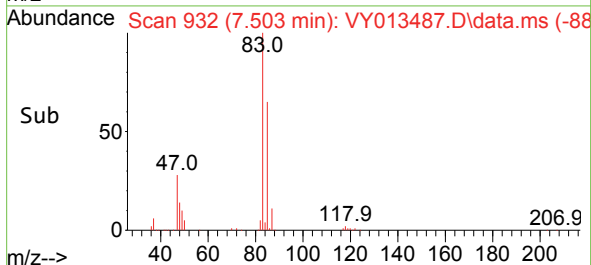
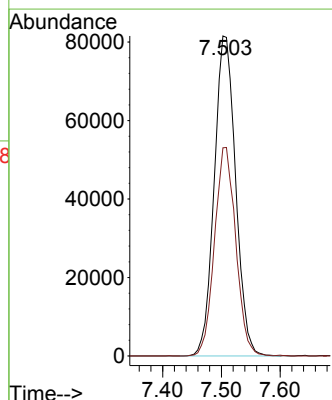
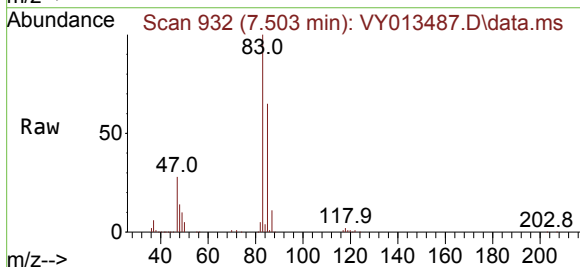
Acq: 26 Apr 2023 20:30

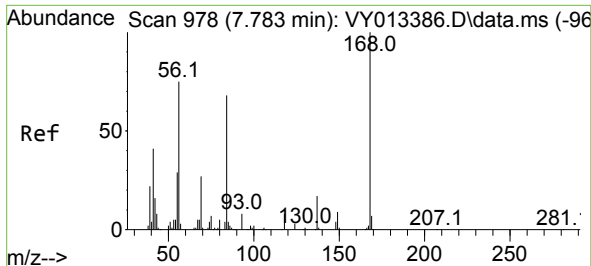
Tgt Ion: 83 Resp: 206376

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

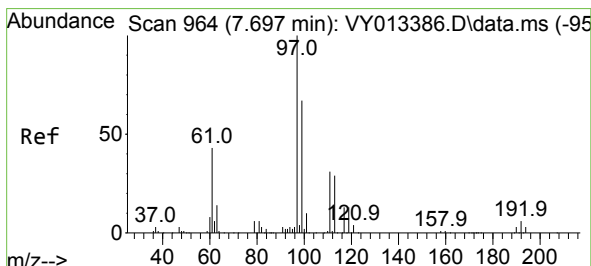
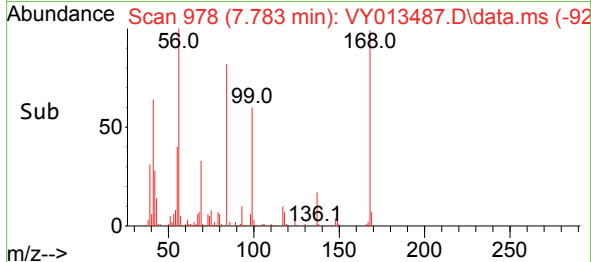
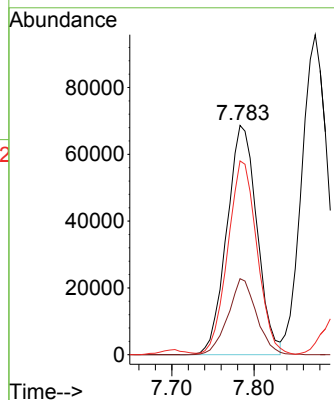
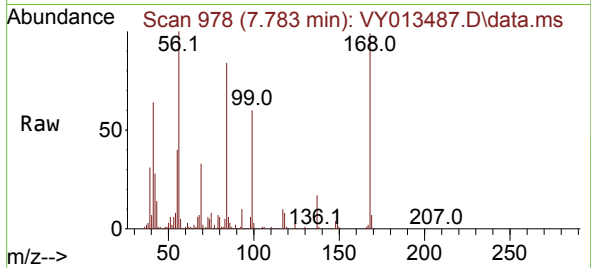




#31
Cyclohexane
Concen: 53.910 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

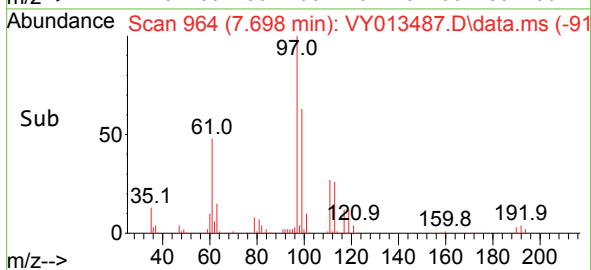
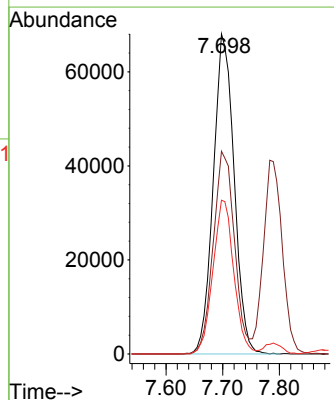
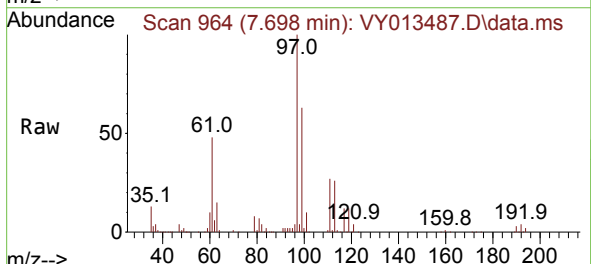
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

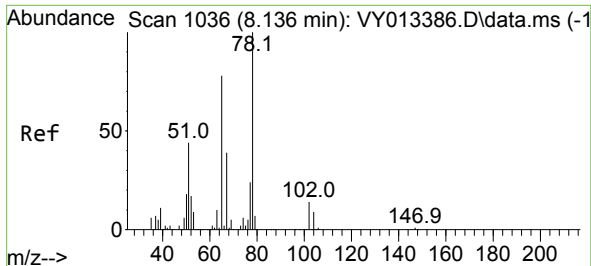
Tgt Ion: 56 Resp: 174896
Ion Ratio Lower Upper
56 100
69 33.2 29.2 43.8
84 83.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 56.368 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 97 Resp: 173653
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 48.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.857 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

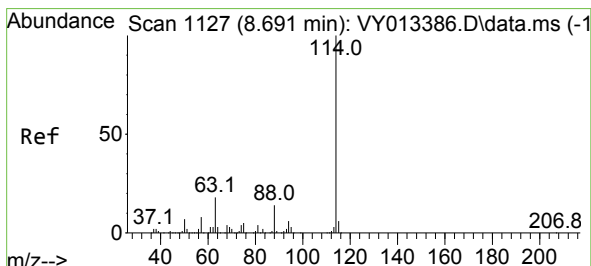
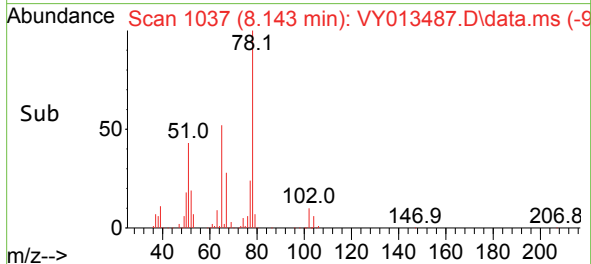
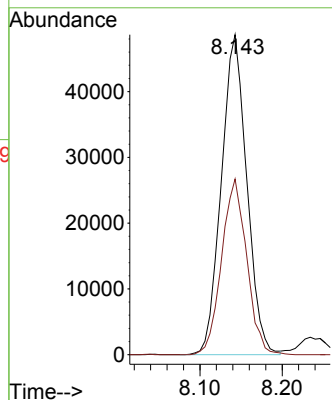
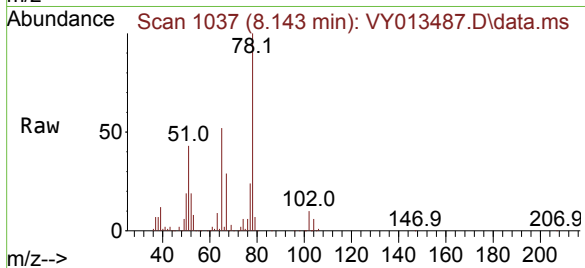
VSTDCCC050EC

Tgt Ion: 65 Resp: 104836

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

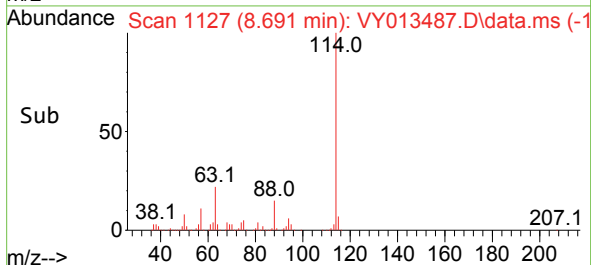
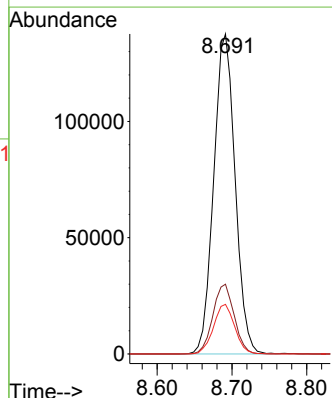
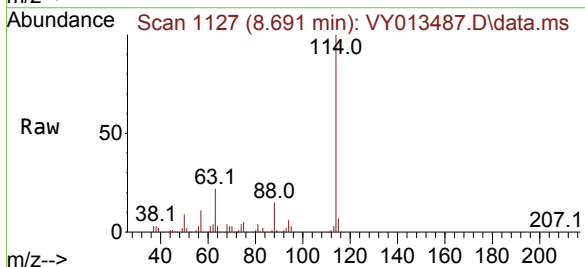
Tgt Ion: 114 Resp: 274131

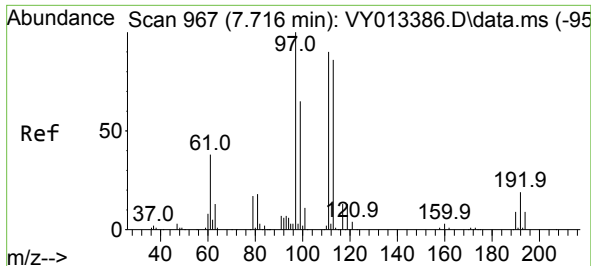
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.6

88 15.5 0.0 28.8

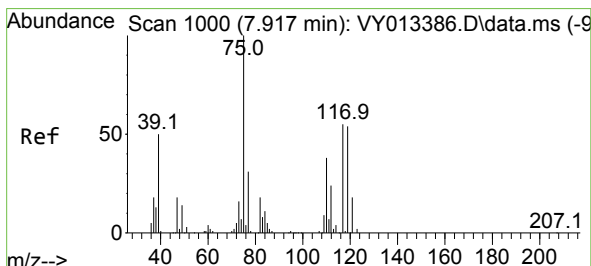
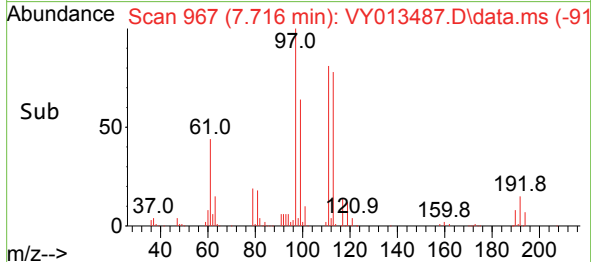
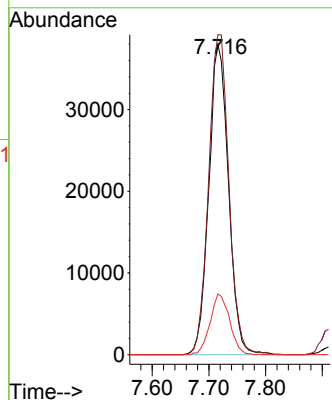
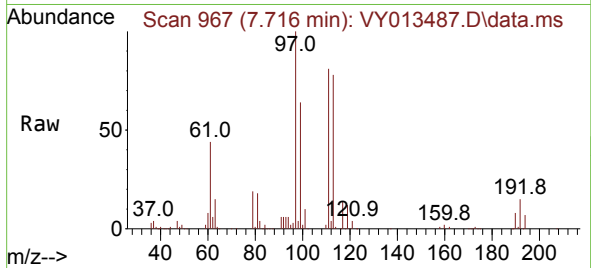




#35
Dibromofluoromethane
Concen: 53.062 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

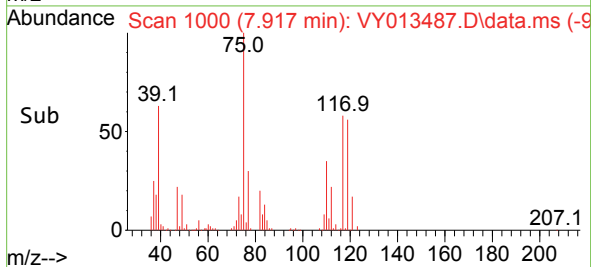
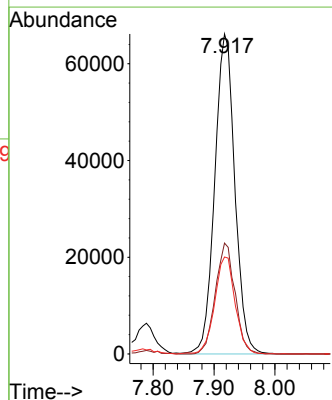
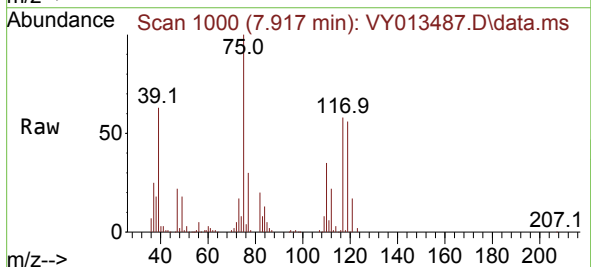
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

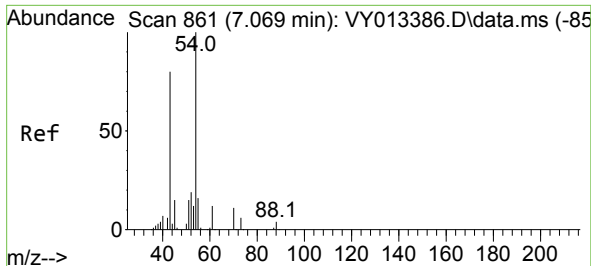
Tgt Ion:113 Resp: 91487
Ion Ratio Lower Upper
113 100
111 106.2 82.2 123.2
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 53.053 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 75 Resp: 151810
Ion Ratio Lower Upper
75 100
110 33.8 18.7 56.1
77 30.9 24.6 37.0

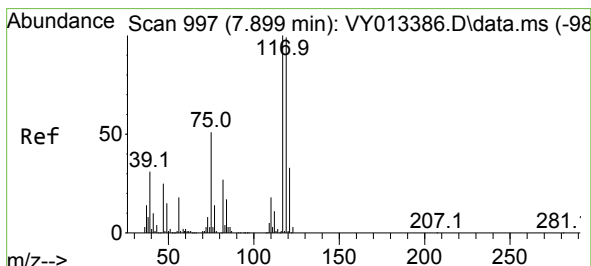
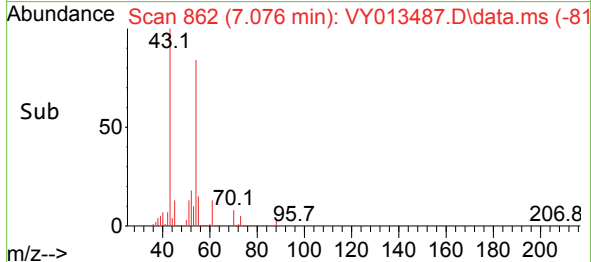
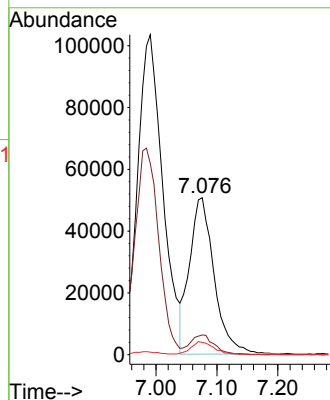
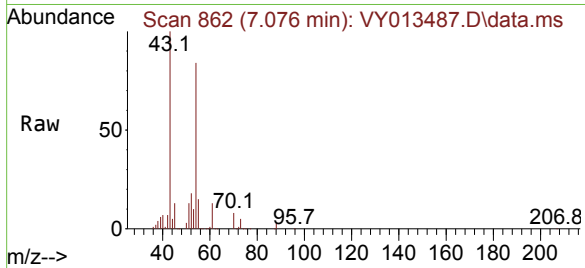




#37
Ethyl Acetate
Concen: 66.246 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

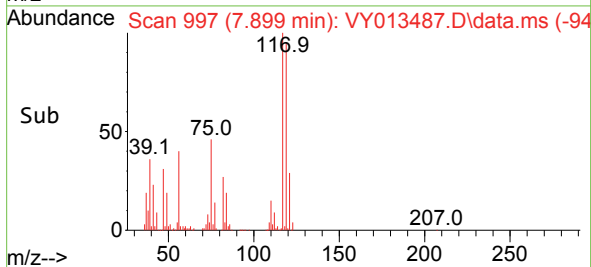
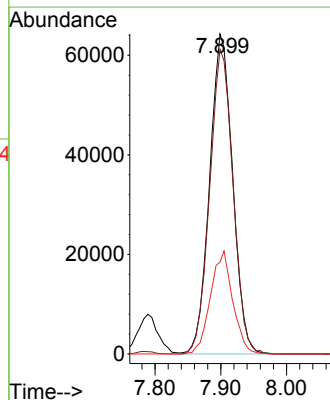
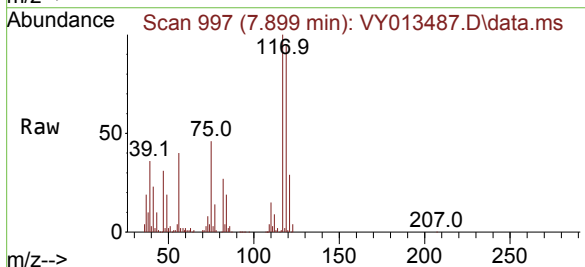
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

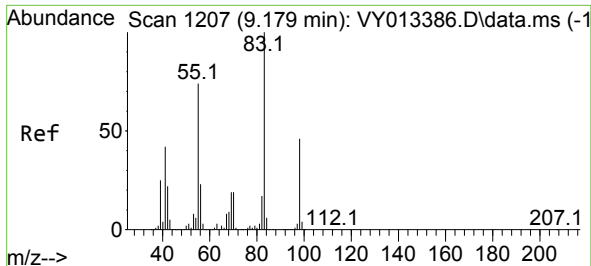
Tgt Ion: 43 Resp: 142651
Ion Ratio Lower Upper
43 100
61 11.9 11.4 17.0
70 7.8 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 52.130 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 117 Resp: 156346
Ion Ratio Lower Upper
117 100
119 95.2 79.0 118.6
121 28.8 26.6 40.0





#39

Methylcyclohexane

Concen: 52.140 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

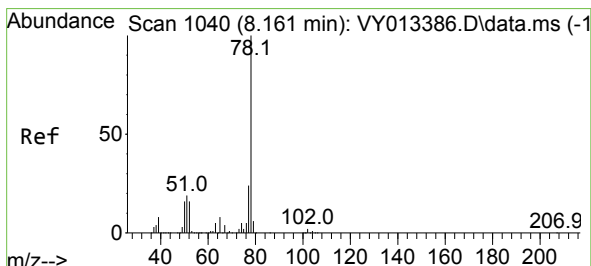
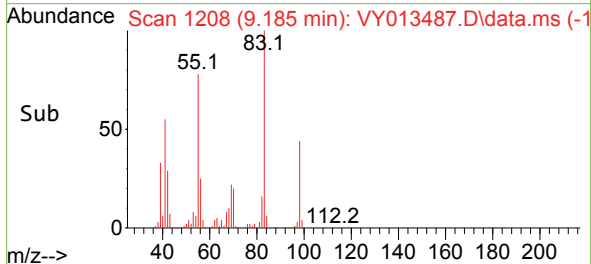
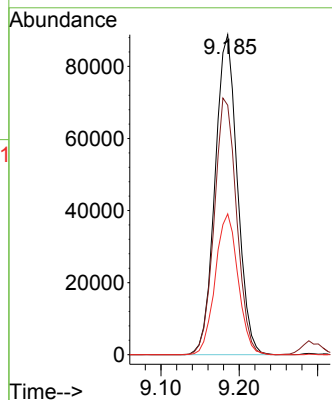
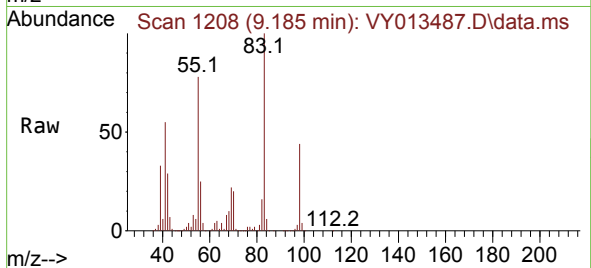
Tgt Ion: 83 Resp: 175890

Ion Ratio Lower Upper

83 100

55 78.0 59.0 88.4

98 44.0 37.0 55.4



#40

Benzene

Concen: 53.884 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013487.D

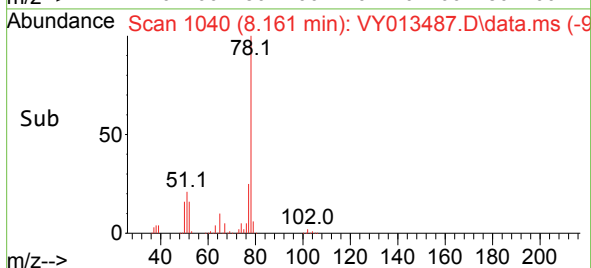
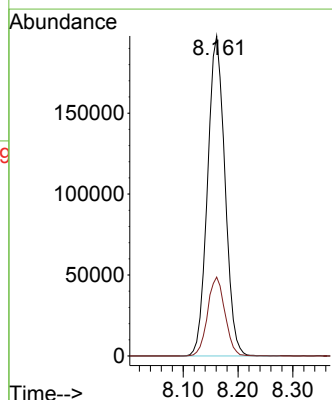
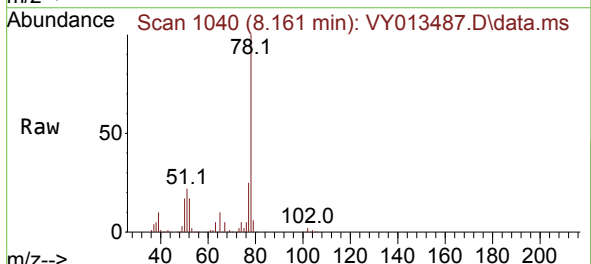
Acq: 26 Apr 2023 20:30

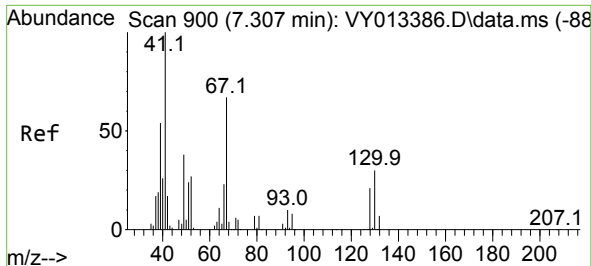
Tgt Ion: 78 Resp: 434329

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8

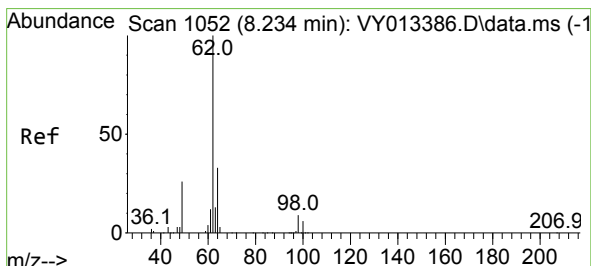
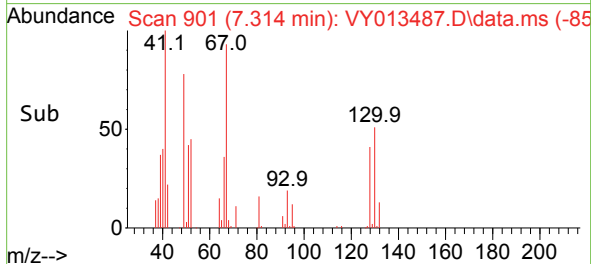
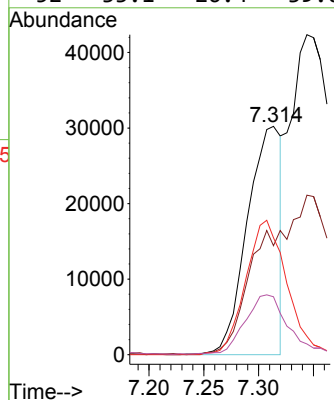
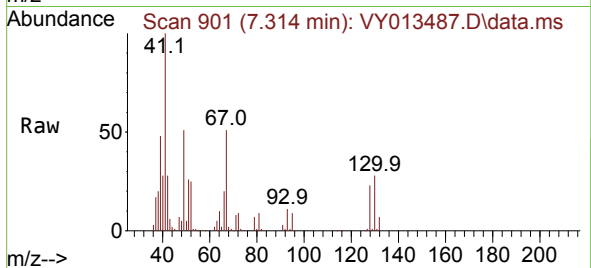




#41
Methacrylonitrile
Concen: 64.707 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

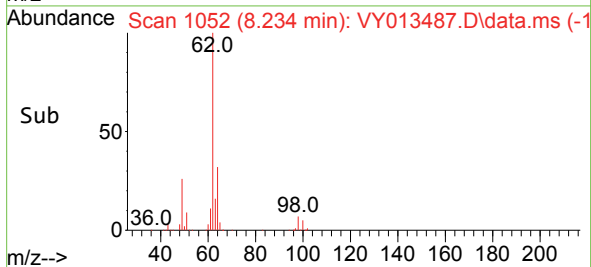
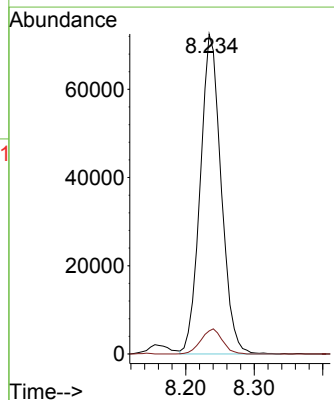
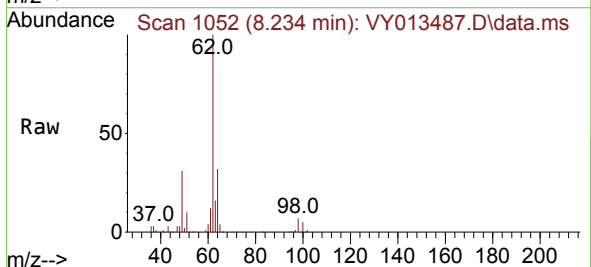
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

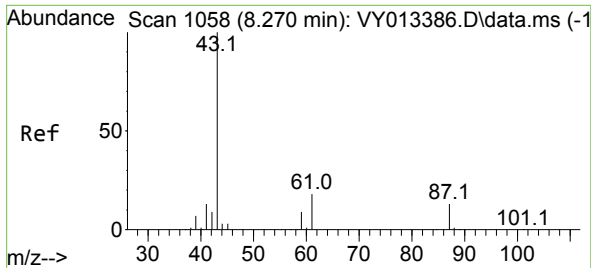
Tgt Ion:	41	Resp:	64930
Ion	Ratio	Lower	Upper
41	100		
39	45.1	44.2	66.4
67	72.4	62.9	94.3
52	33.1	26.4	39.6



#42
1,2-Dichloroethane
Concen: 58.460 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion:	62	Resp:	154056
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 64.447 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

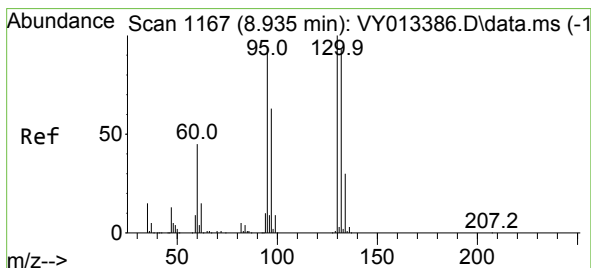
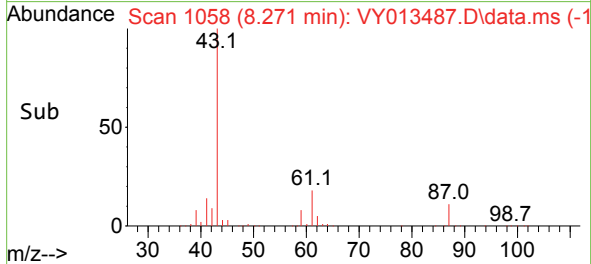
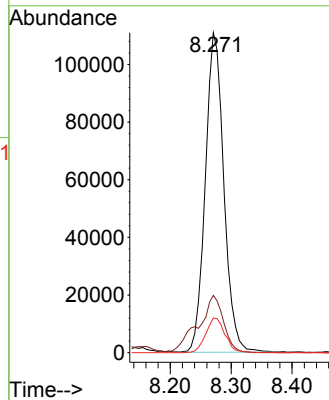
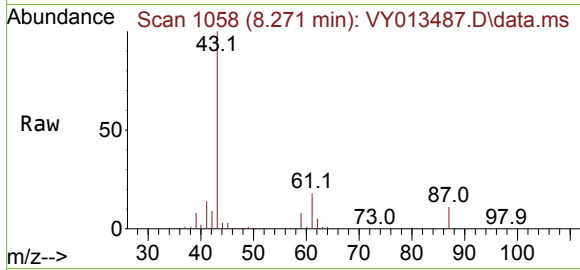
Tgt Ion: 43 Resp: 234244

Ion Ratio Lower Upper

43 100

61 24.6 22.2 33.4

87 11.3 11.0 16.6



#44

Trichloroethene

Concen: 51.322 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013487.D

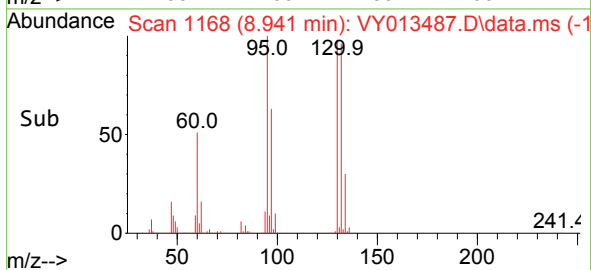
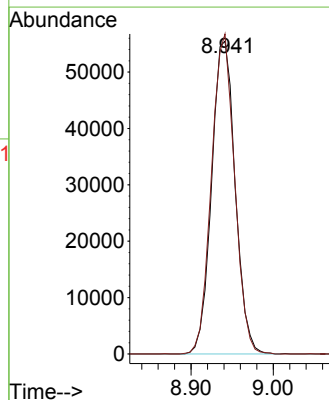
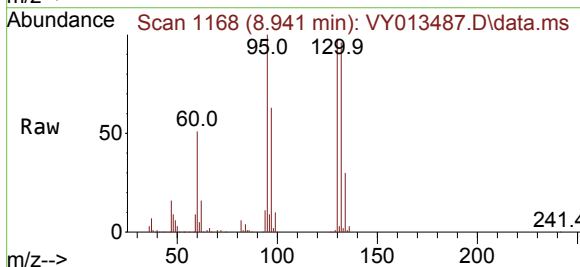
Acq: 26 Apr 2023 20:30

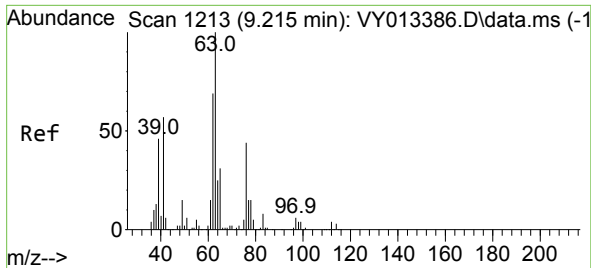
Tgt Ion:130 Resp: 110038

Ion Ratio Lower Upper

130 100

95 102.3 0.0 188.8

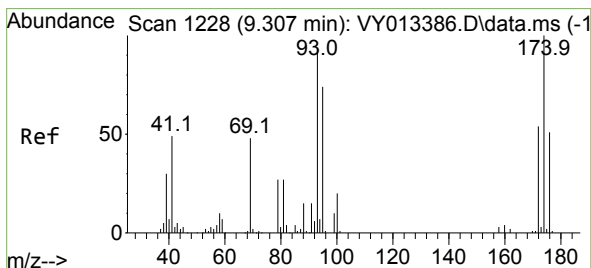
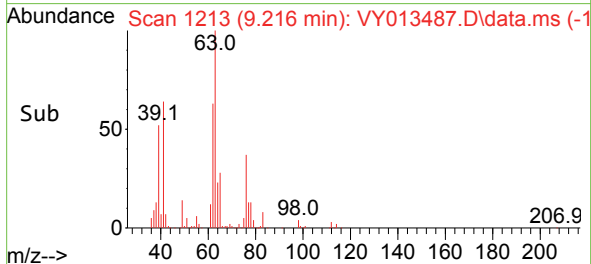
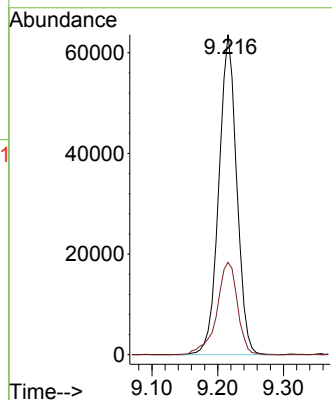
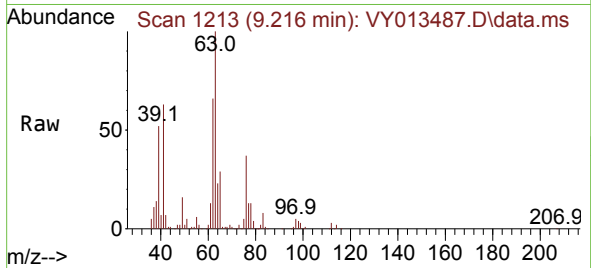




#45
1,2-Dichloropropane
Concen: 56.968 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

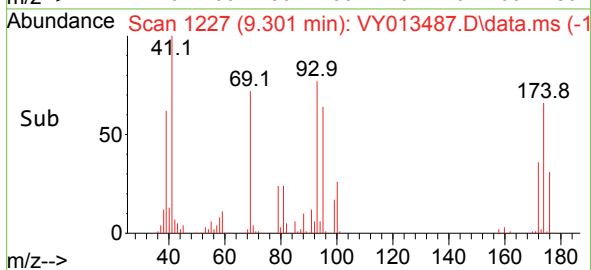
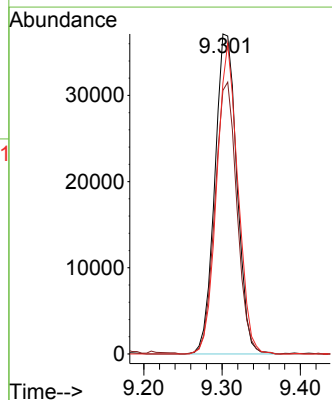
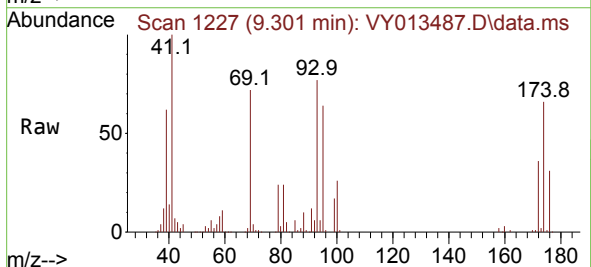
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

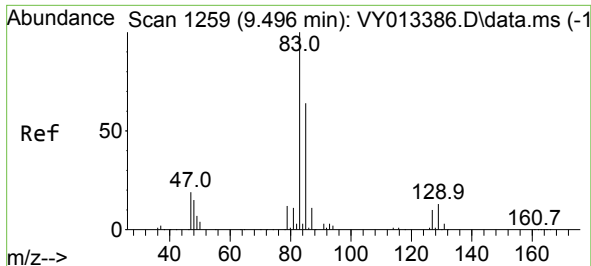
Tgt Ion: 63 Resp: 120062
Ion Ratio Lower Upper
63 100
65 28.9 24.6 37.0



#46
Dibromomethane
Concen: 57.788 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 93 Resp: 72872
Ion Ratio Lower Upper
93 100
95 84.5 67.1 100.7
174 92.8 87.0 130.4

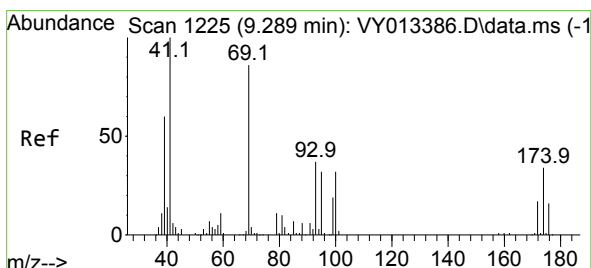
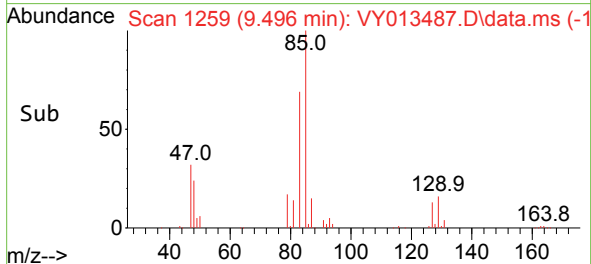
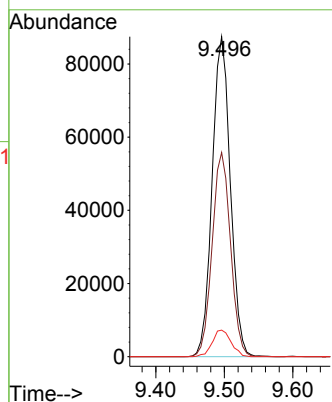
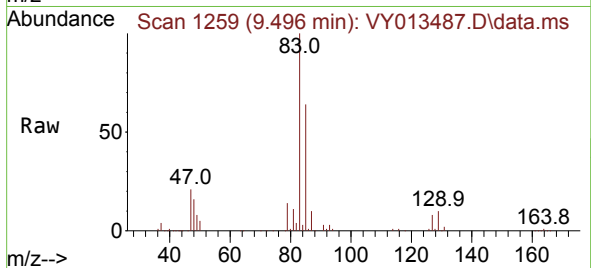




#47
Bromodichloromethane
Concen: 56.946 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

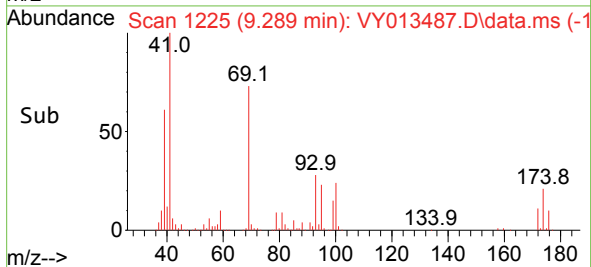
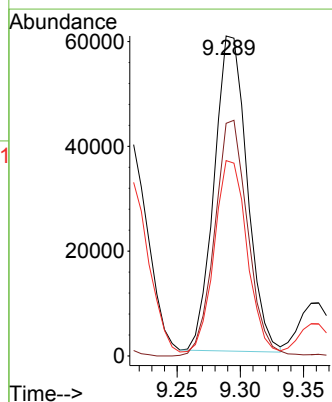
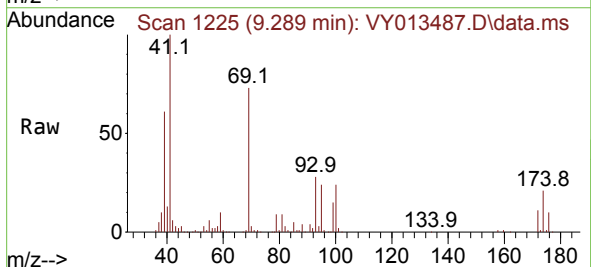
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

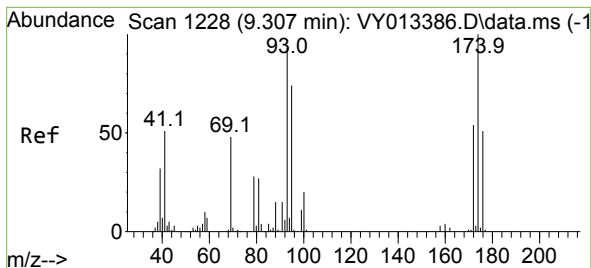
Tgt Ion: 83 Resp: 160683
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2
127 8.3 8.1 12.1



#48
Methyl methacrylate
Concen: 65.205 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 41 Resp: 108845
Ion Ratio Lower Upper
41 100
69 75.3 70.2 105.4
39 62.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1346.817 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

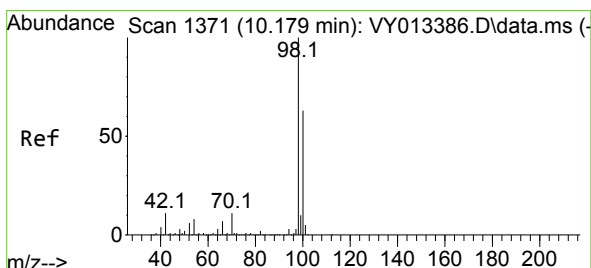
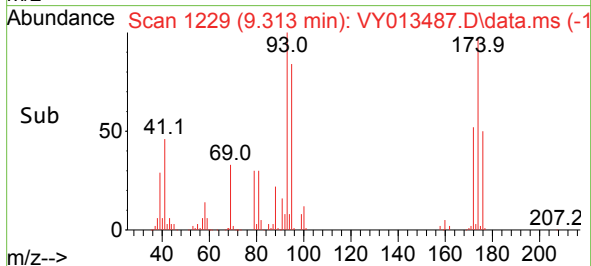
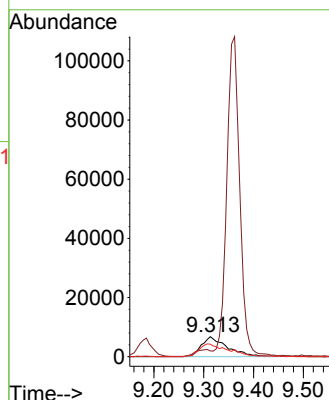
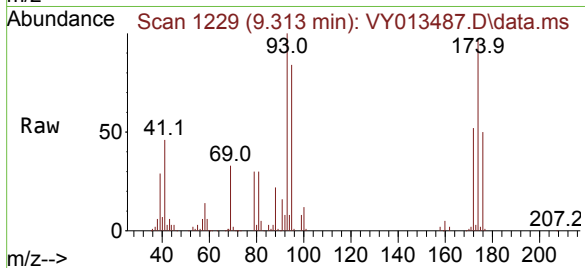
Tgt Ion: 88 Resp: 24256

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 73.4 54.3 81.5



#50

Toluene-d8

Concen: 51.474 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013487.D

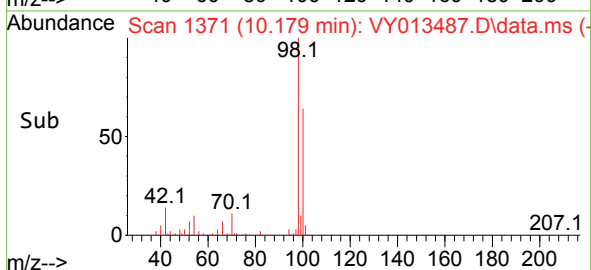
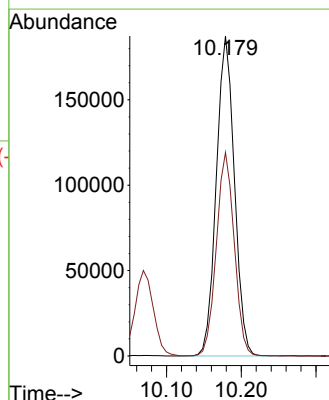
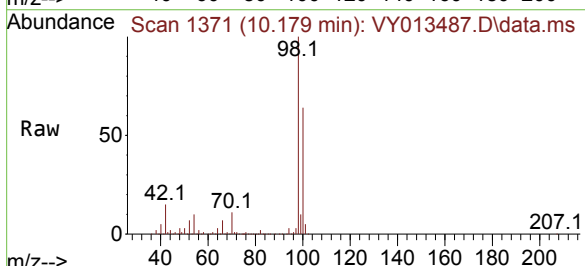
Acq: 26 Apr 2023 20:30

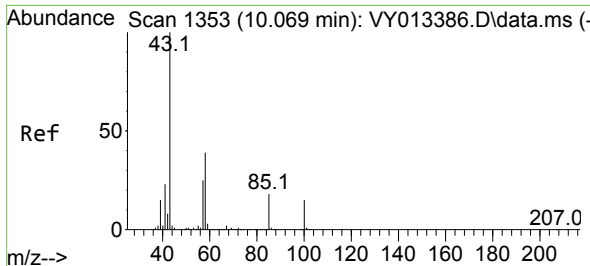
Tgt Ion: 98 Resp: 315715

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

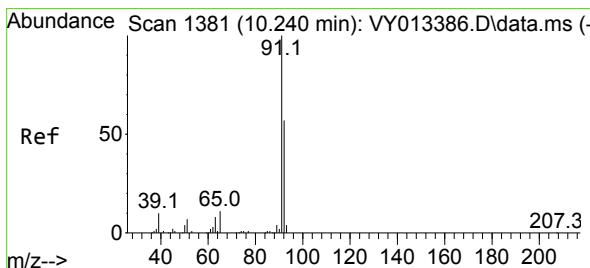
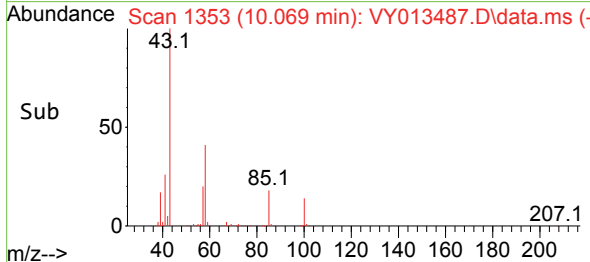
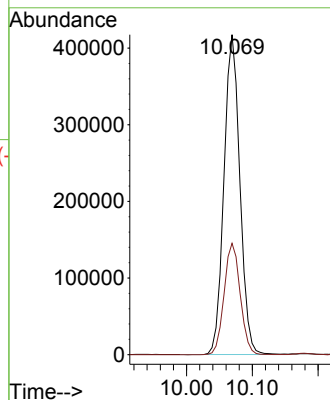
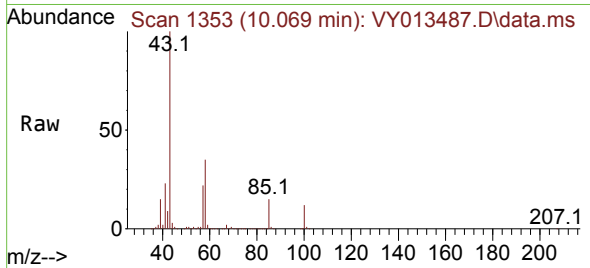




#51
4-Methyl-2-Pentanone
Concen: 347.093 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

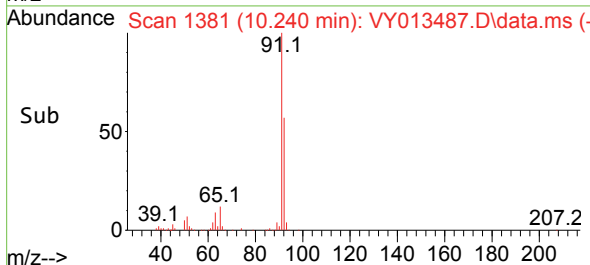
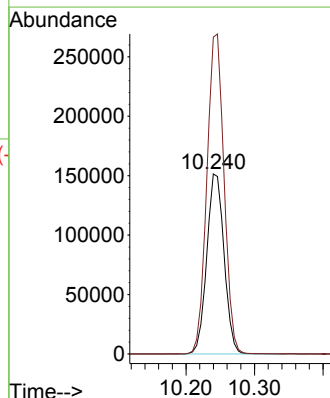
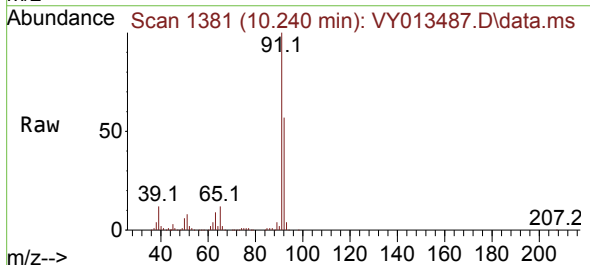
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

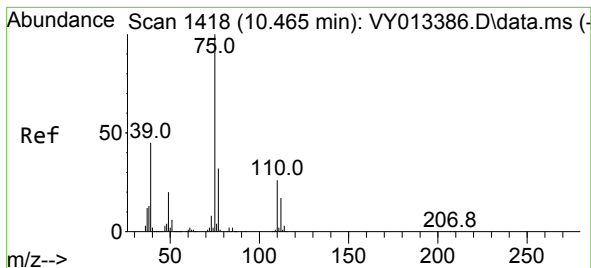
Tgt Ion: 43 Resp: 702999
Ion Ratio Lower Upper
43 100
58 35.2 30.6 46.0



#52
Toluene
Concen: 54.840 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 92 Resp: 266005
Ion Ratio Lower Upper
92 100
91 176.2 140.2 210.4

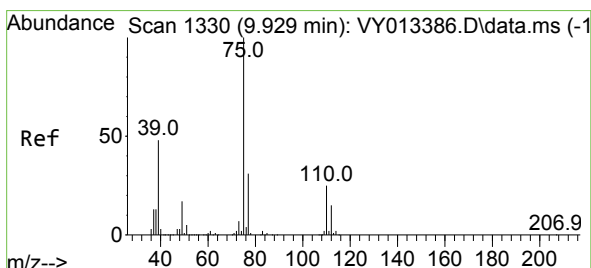
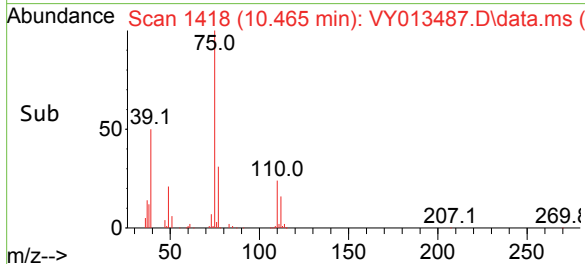
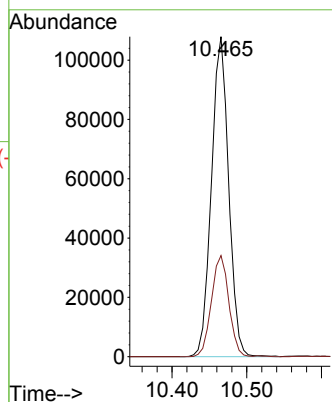
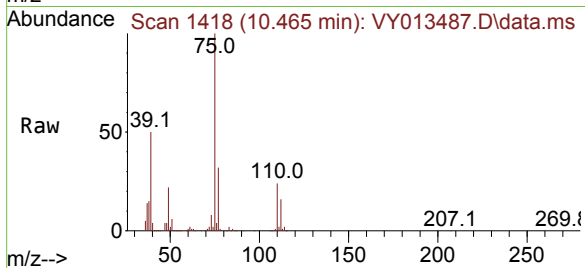




#53
t-1,3-Dichloropropene
Concen: 58.031 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

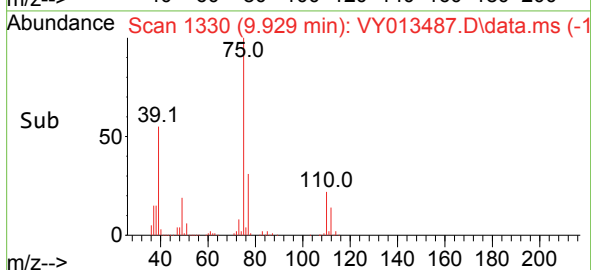
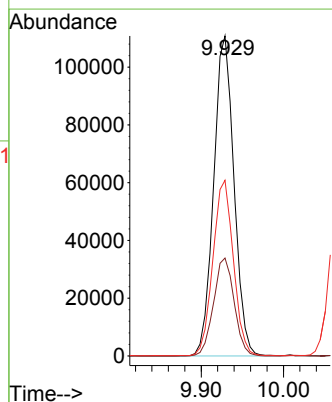
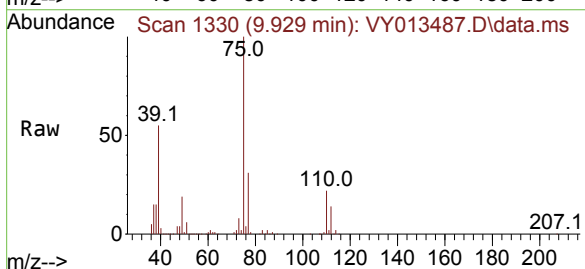
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

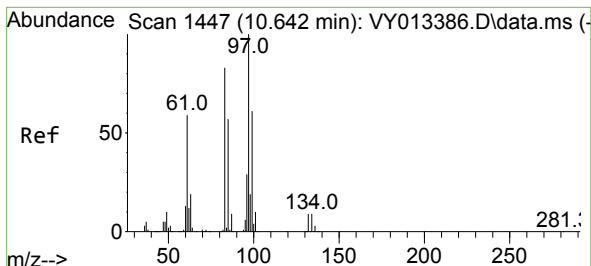
Tgt Ion: 75 Resp: 173298
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 56.642 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 75 Resp: 190333
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 54.8 38.1 57.1

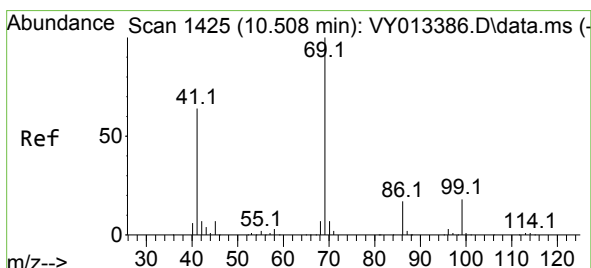
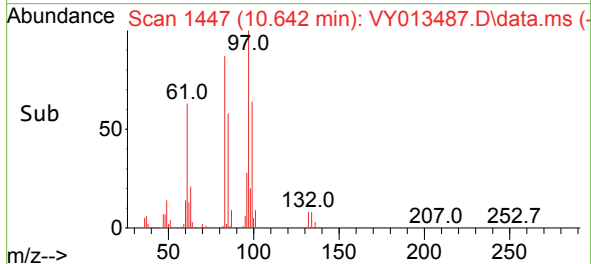
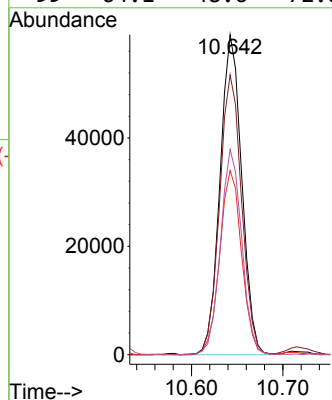
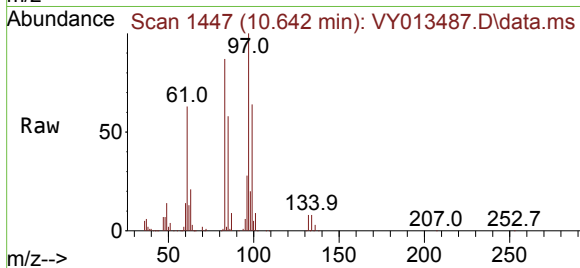




#55
1,1,2-Trichloroethane
Concen: 58.610 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

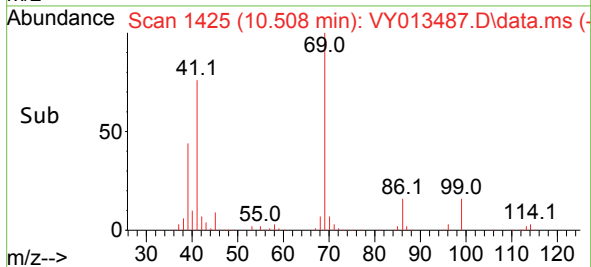
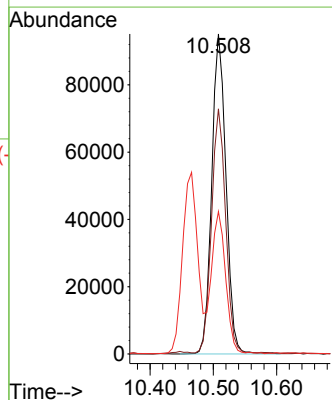
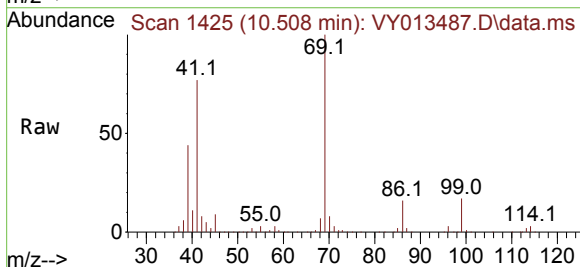
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

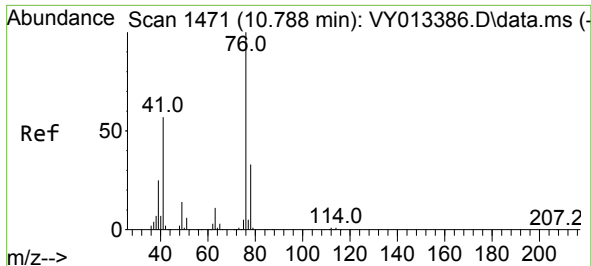
Tgt Ion:	97	Resp:	97876
Ion	Ratio	Lower	Upper
97	100		
83	87.4	66.4	99.6
85	57.6	45.6	68.4
99	64.1	48.6	72.8



#56
Ethyl methacrylate
Concen: 64.194 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion:	69	Resp:	148725
Ion	Ratio	Lower	Upper
69	100		
41	75.3	51.4	77.0
39	45.4	29.0	43.6





#57

1,3-Dichloropropane

Concen: 59.453 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

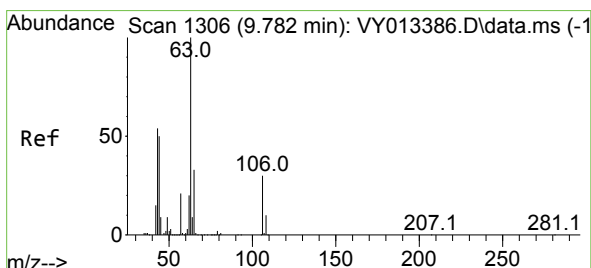
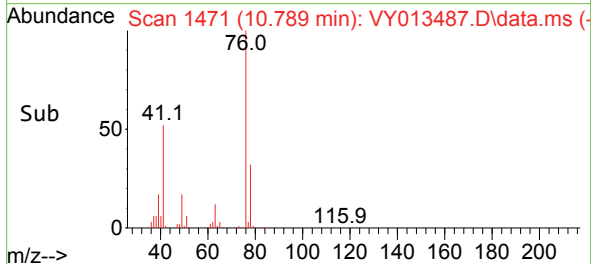
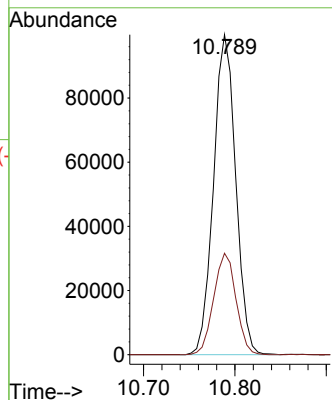
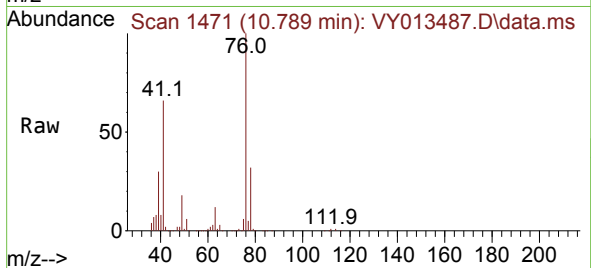
VSTDCCC050EC

Tgt Ion: 76 Resp: 168145

Ion Ratio Lower Upper

76 100

78 31.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 311.285 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013487.D

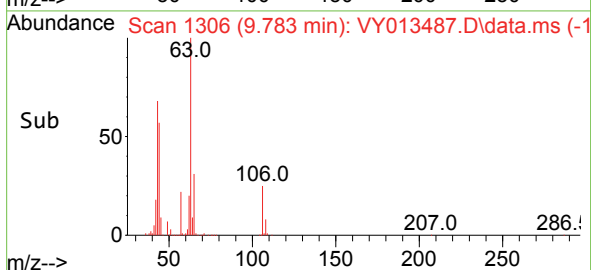
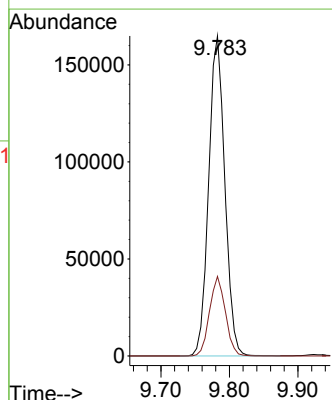
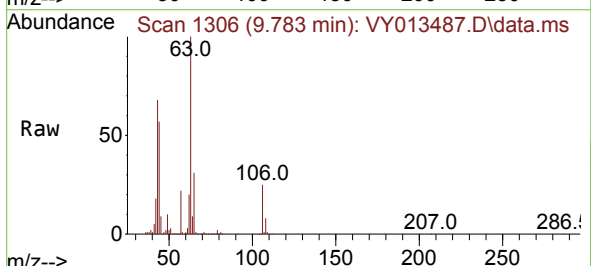
Acq: 26 Apr 2023 20:30

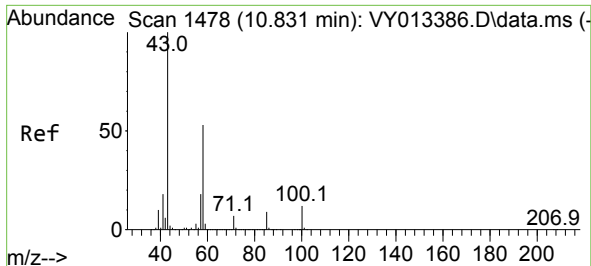
Tgt Ion: 63 Resp: 270433

Ion Ratio Lower Upper

63 100

106 24.3 23.5 35.3

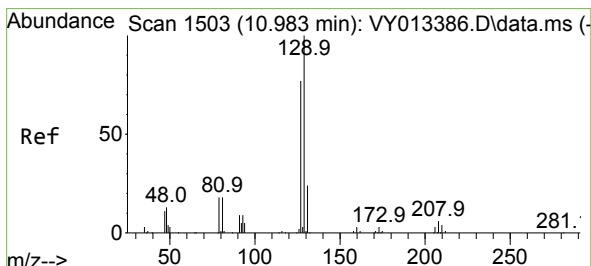
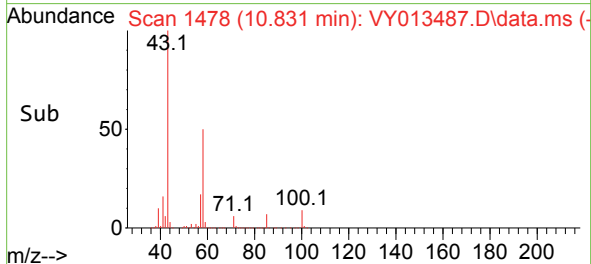
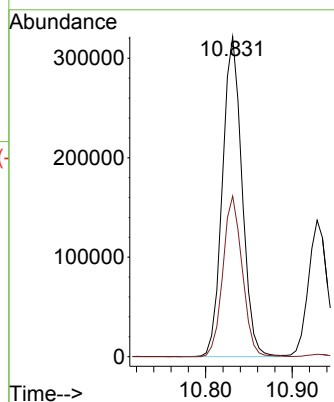
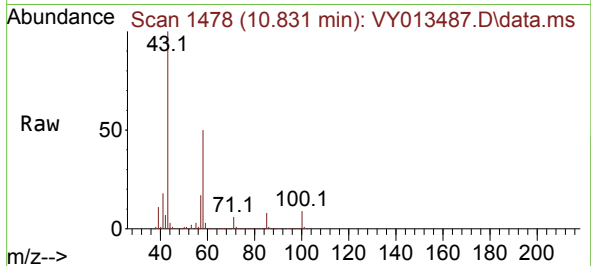




#59
2-Hexanone
Concen: 342.704 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

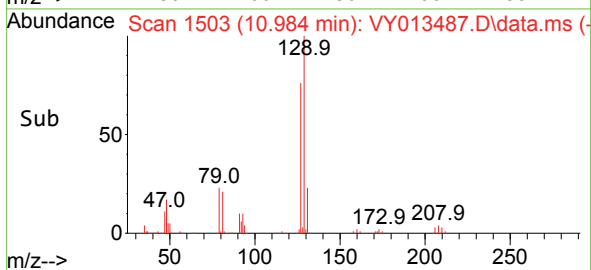
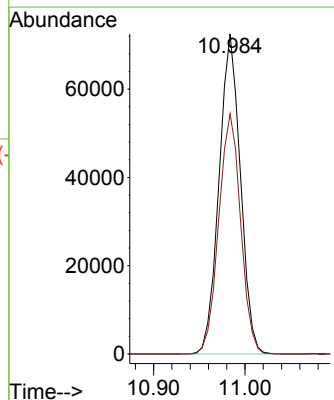
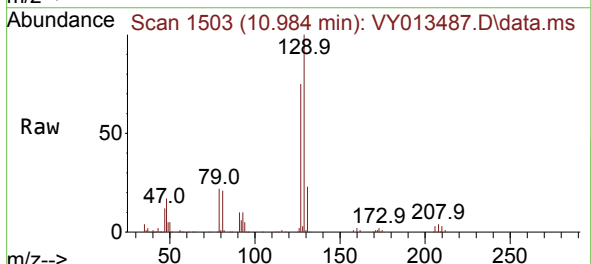
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

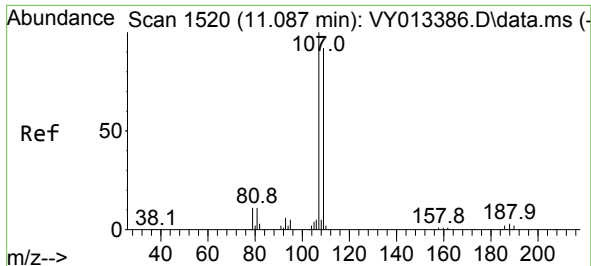
Tgt Ion: 43 Resp: 504562
Ion Ratio Lower Upper
43 100
58 49.6 26.3 78.8



#60
Dibromochloromethane
Concen: 58.000 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 129 Resp: 117606
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

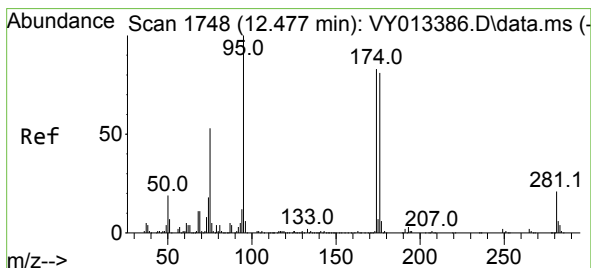
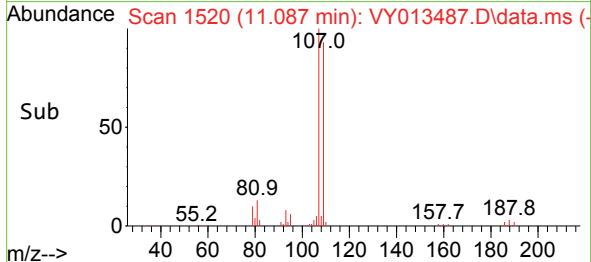
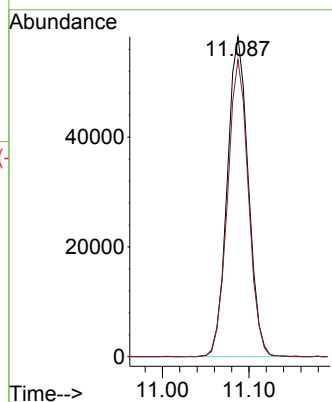
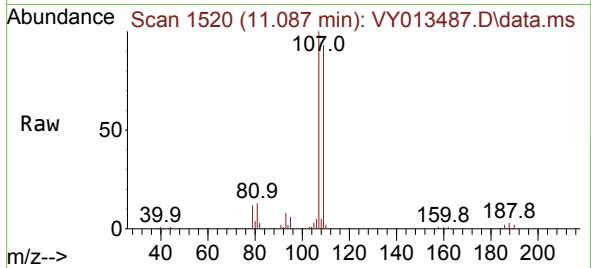




#61
1,2-Dibromoethane
Concen: 59.792 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

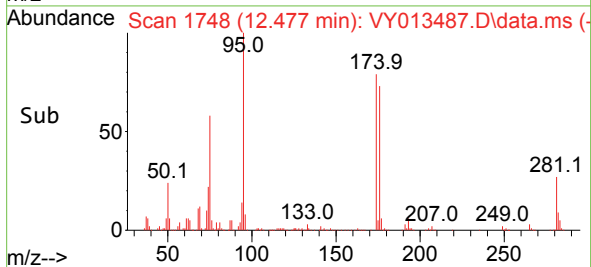
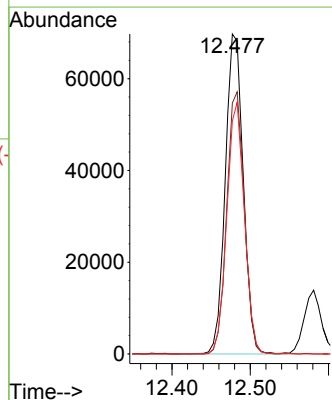
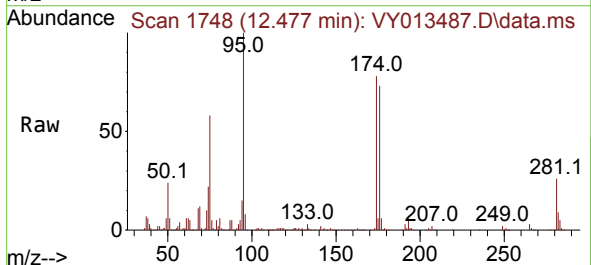
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

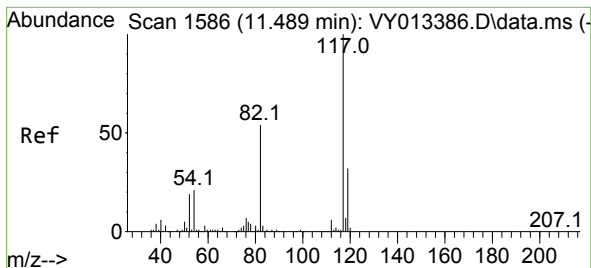
Tgt Ion:107 Resp: 98169
Ion Ratio Lower Upper
107 100
109 92.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.890 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 95 Resp: 111432
Ion Ratio Lower Upper
95 100
174 80.0 0.0 182.0
176 76.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

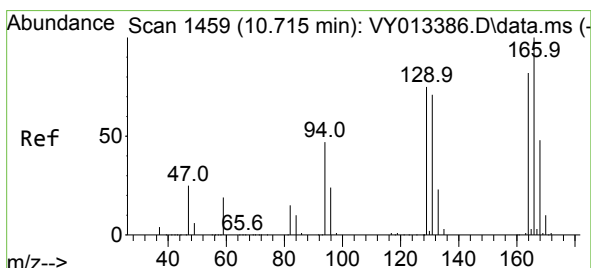
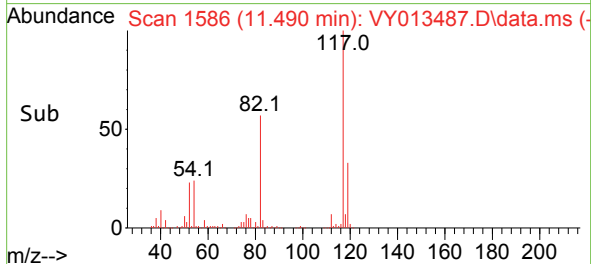
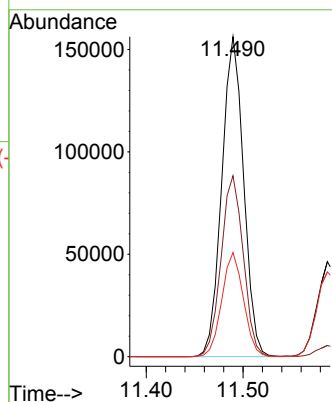
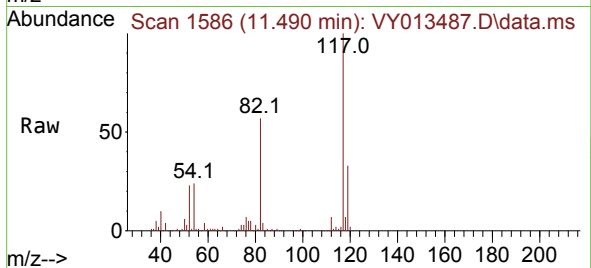
Tgt Ion:117 Resp: 245039

Ion Ratio Lower Upper

117 100

82 56.6 43.0 64.6

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 49.742 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Tgt Ion:164 Resp: 92684

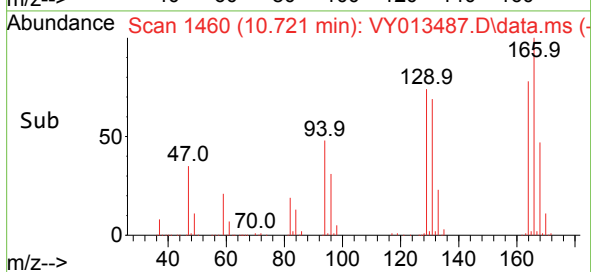
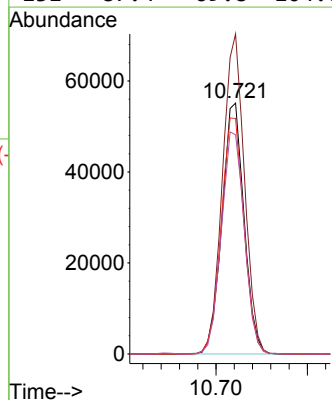
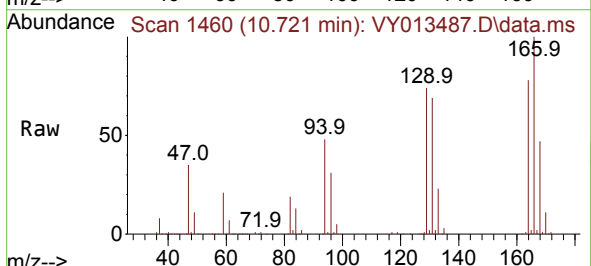
Ion Ratio Lower Upper

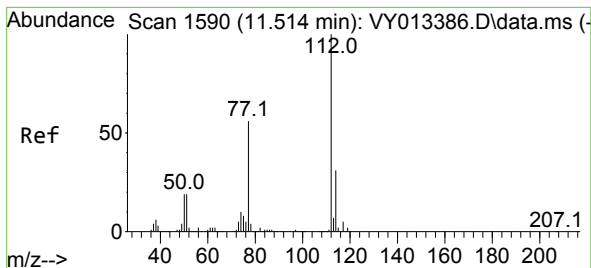
164 100

166 127.6 97.5 146.3

129 93.9 72.6 109.0

131 87.4 69.8 104.6

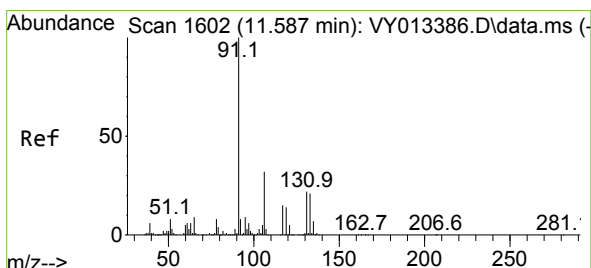
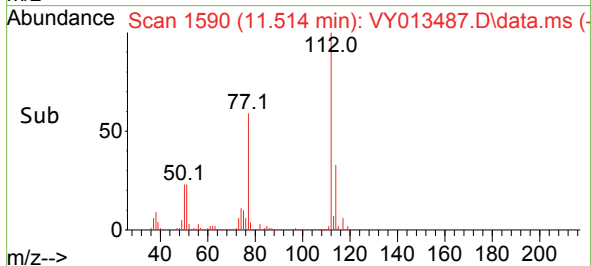
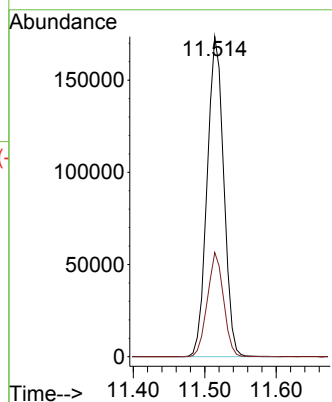
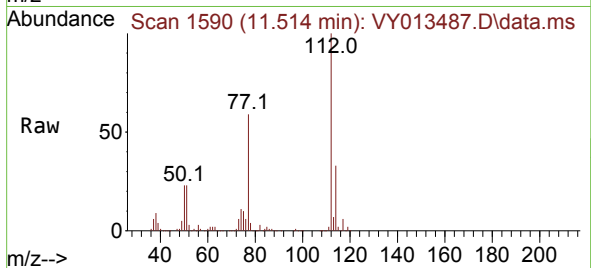




#65
Chlorobenzene
Concen: 52.417 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

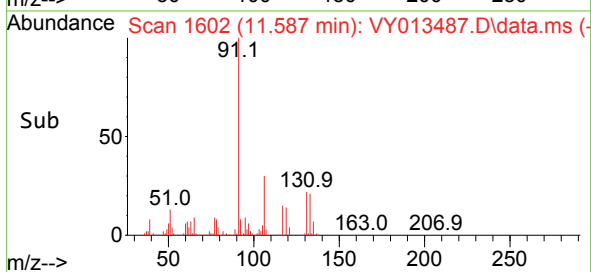
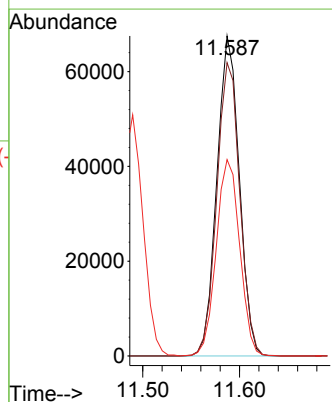
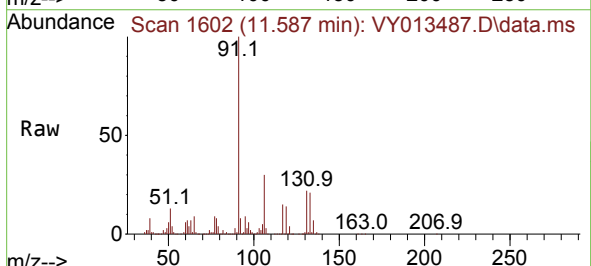
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

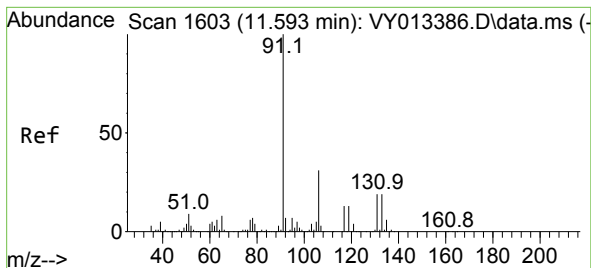
Tgt Ion:112 Resp: 279798
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.348 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion:131 Resp: 108497
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 64.3 32.6 98.0





#67

Ethyl Benzene

Concen: 54.159 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

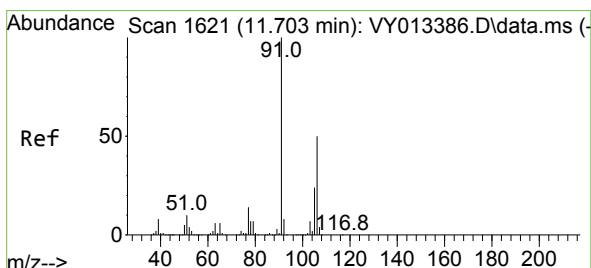
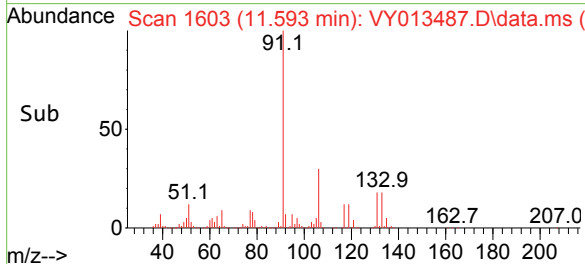
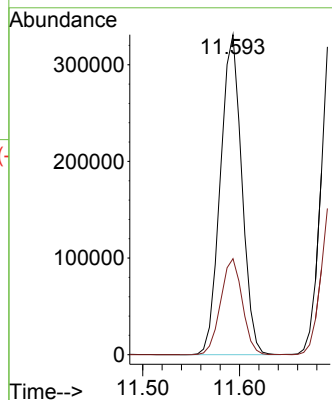
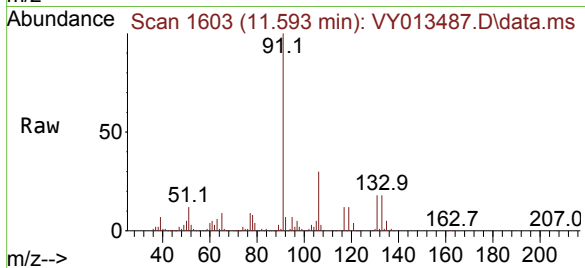
VSTDCCC050EC

Tgt Ion: 91 Resp: 507648

Ion Ratio Lower Upper

91 100

106 30.0 25.1 37.7



#68

m/p-Xylenes

Concen: 107.219 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013487.D

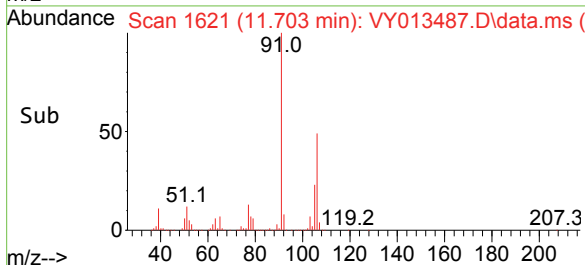
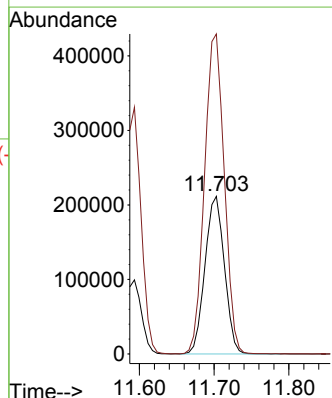
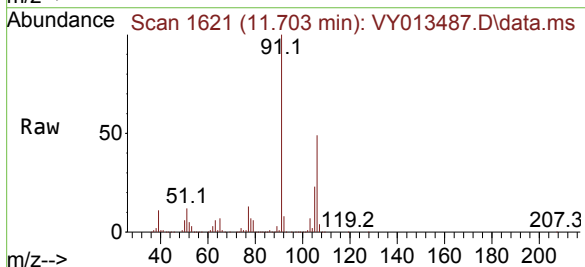
Acq: 26 Apr 2023 20:30

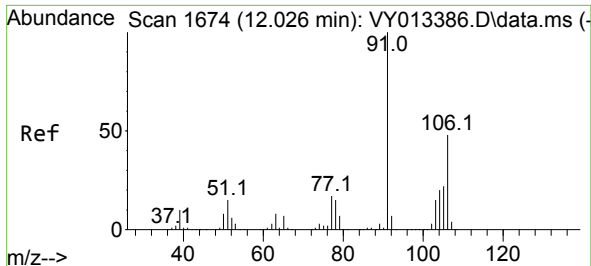
Tgt Ion: 106 Resp: 382053

Ion Ratio Lower Upper

106 100

91 205.7 160.9 241.3

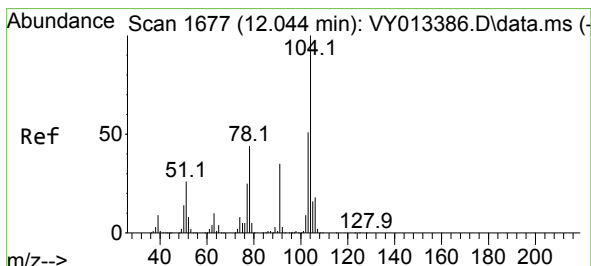
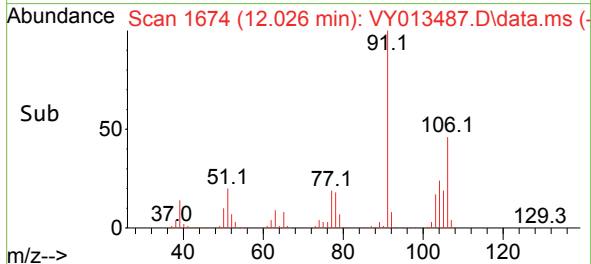
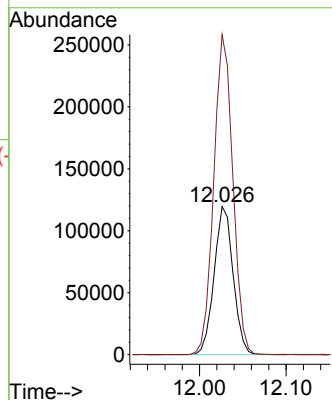
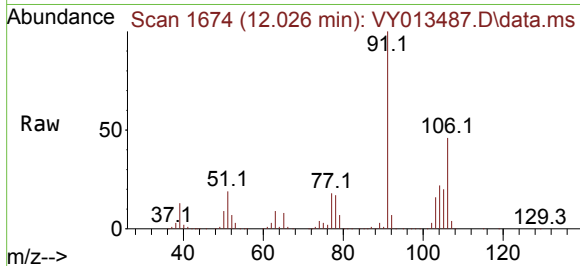




#69
o-Xylene
Concen: 54.167 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

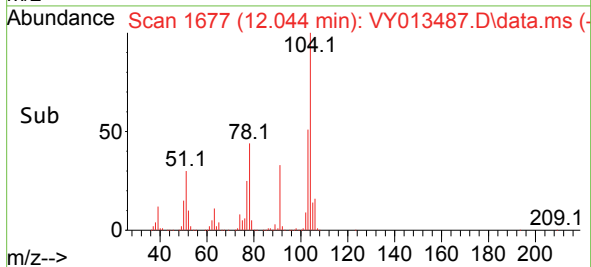
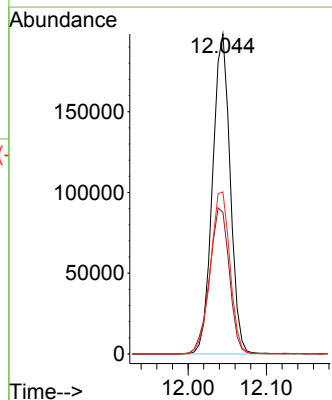
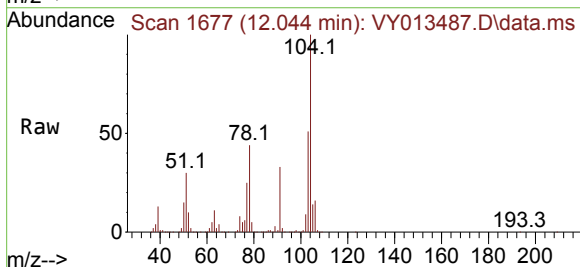
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

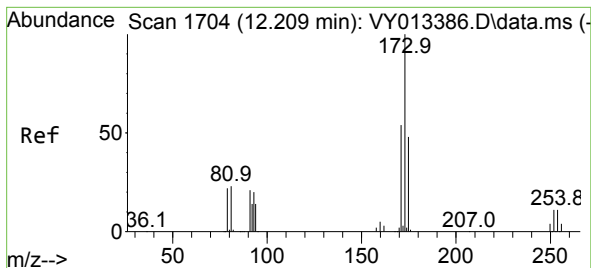
Tgt Ion:106 Resp: 182542
Ion Ratio Lower Upper
106 100
91 216.3 105.5 316.4



#70
Styrene
Concen: 55.130 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion:104 Resp: 310640
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 56.0 45.0 67.4





#71

Bromoform

Concen: 55.055 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

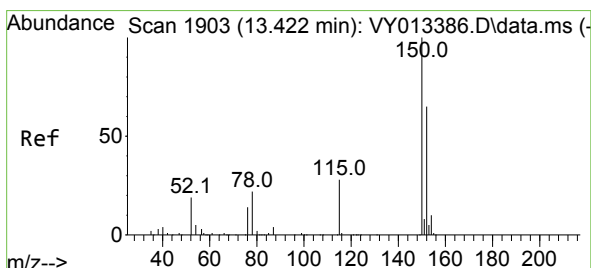
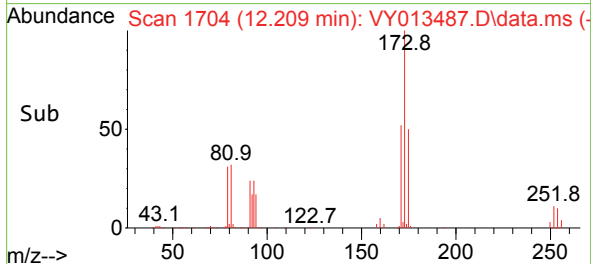
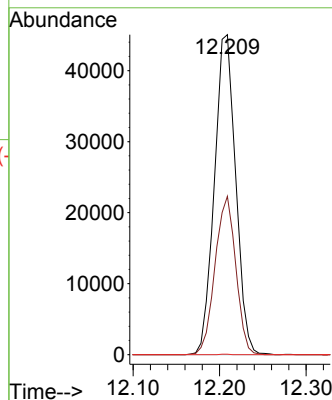
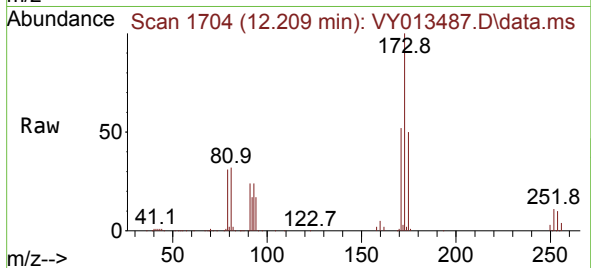
Tgt Ion:173 Resp: 76986

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

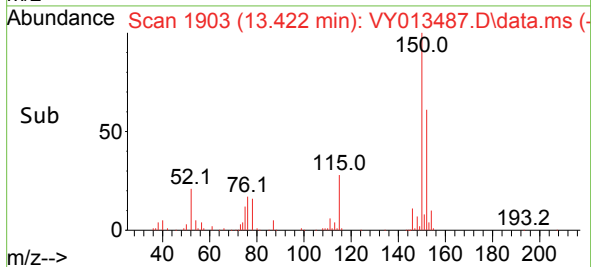
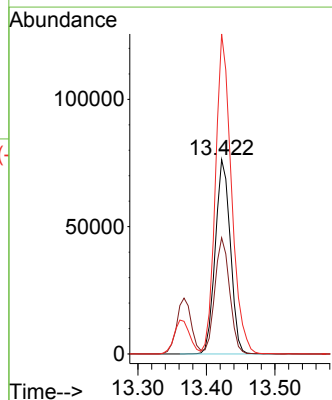
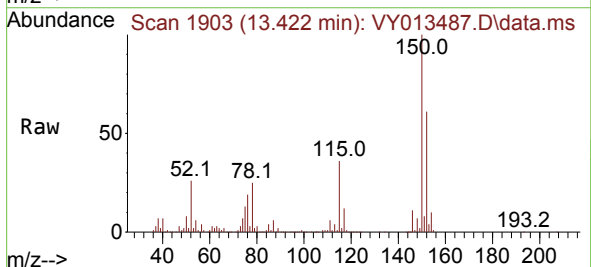
Tgt Ion:152 Resp: 116367

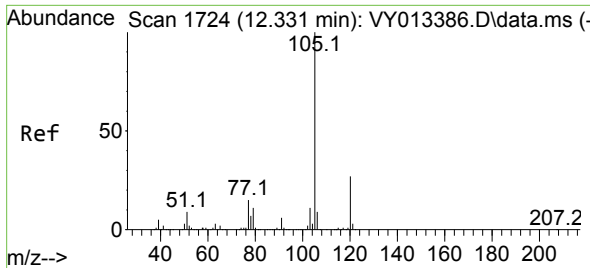
Ion Ratio Lower Upper

152 100

115 58.9 28.1 84.2

150 175.2 0.0 352.0

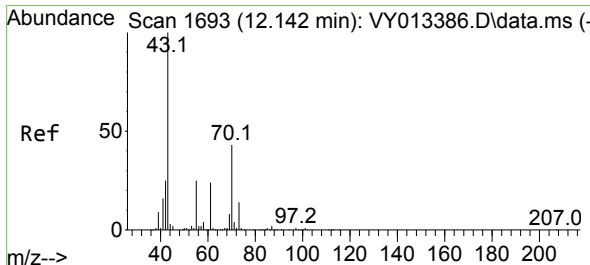
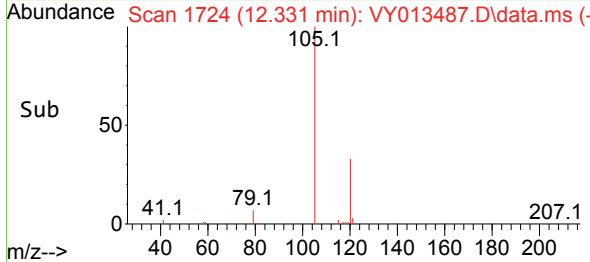
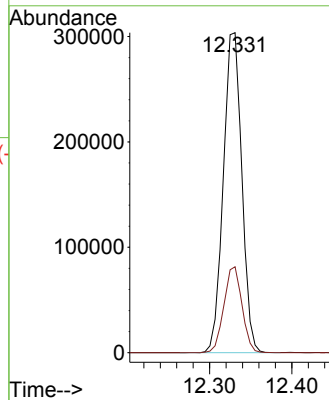
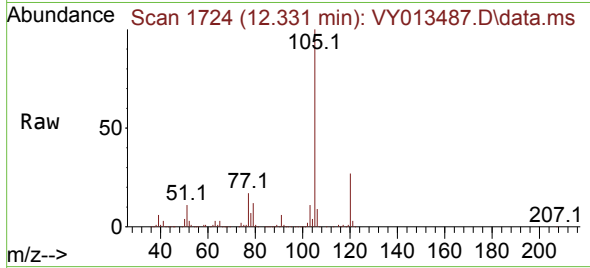




#73
Isopropylbenzene
Concen: 53.958 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

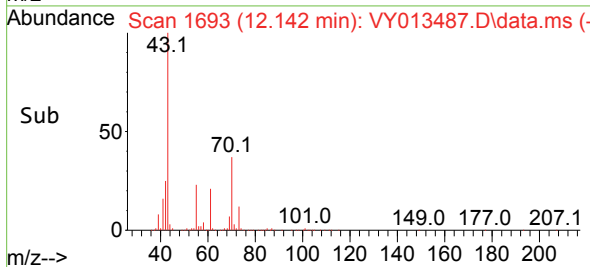
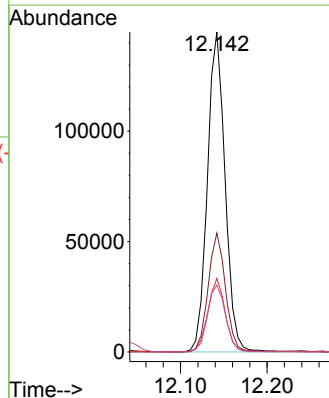
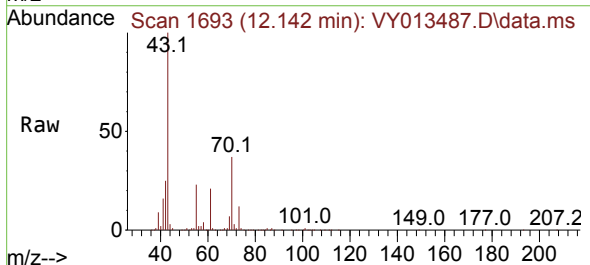
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

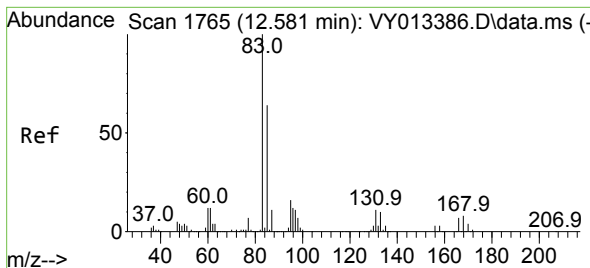
Tgt Ion:105 Resp: 474915
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 65.593 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 43 Resp: 205445
Ion Ratio Lower Upper
43 100
70 36.9 33.0 49.4
55 22.7 19.8 29.6
61 21.4 19.1 28.7

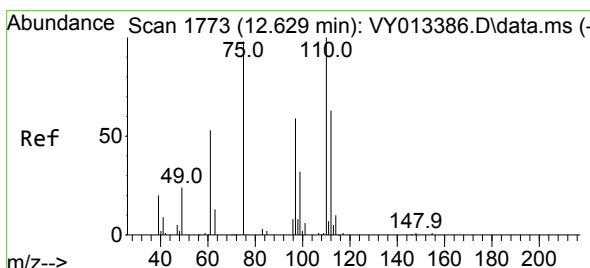
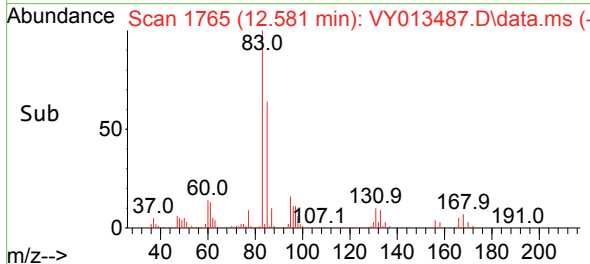
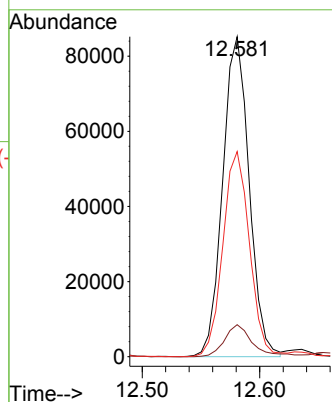
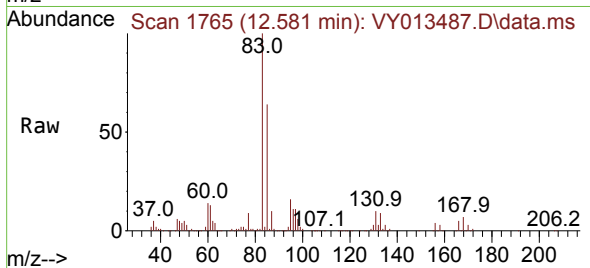




#75
 1,1,2,2-Tetrachloroethane
 Concen: 61.986 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

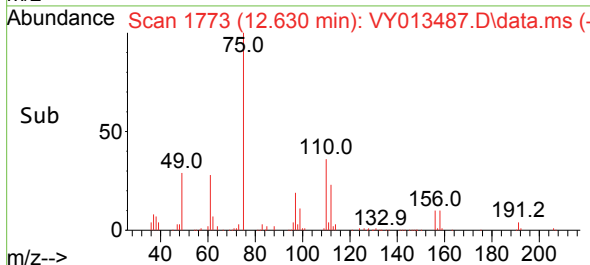
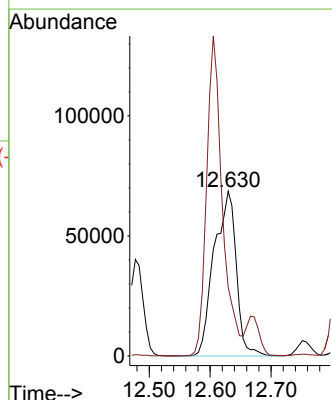
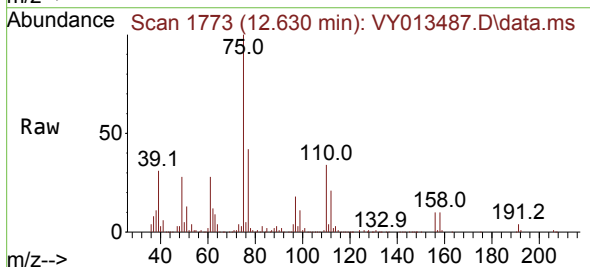
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

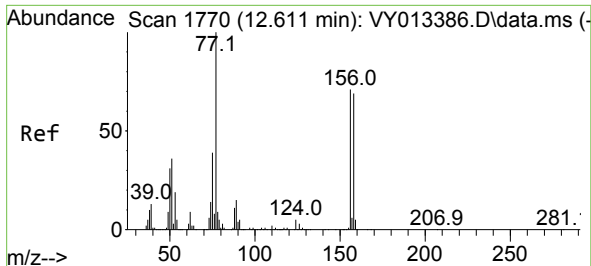
Tgt Ion: 83 Resp: 133354
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.7 17.0
 85 64.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 110.378 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

Tgt Ion: 75 Resp: 173222
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

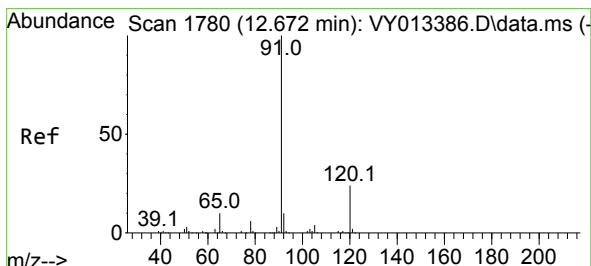
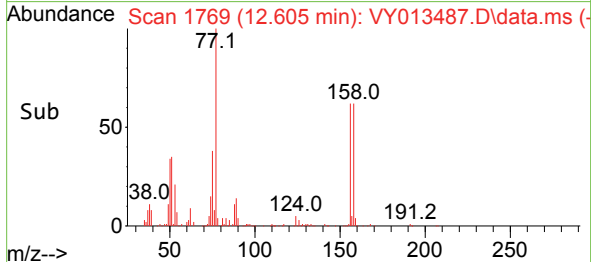
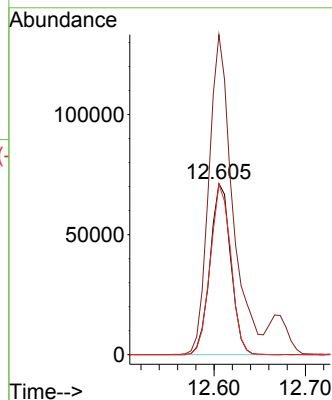
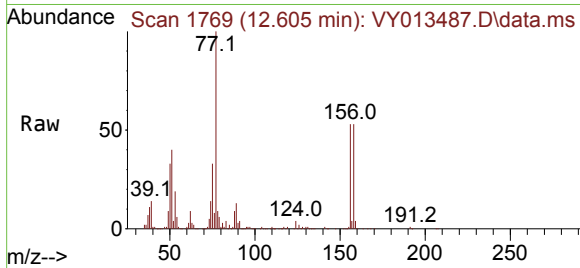




#77
Bromobenzene
Concen: 52.533 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

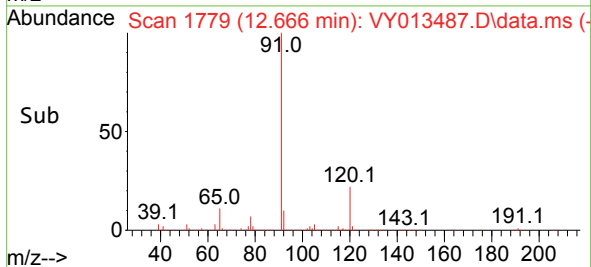
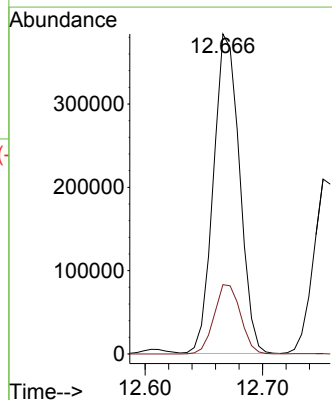
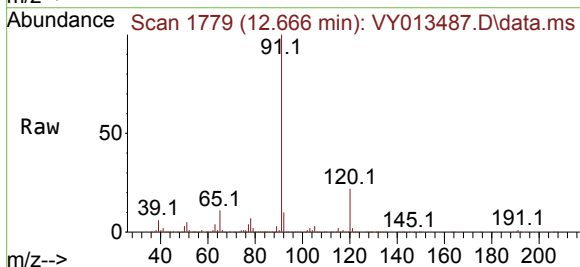
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

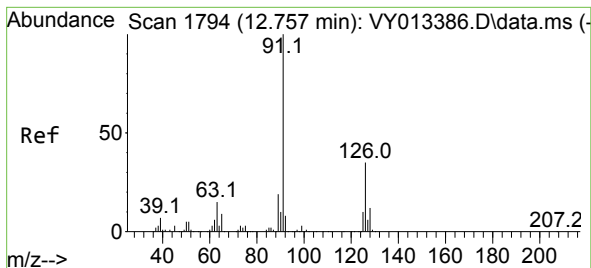
Tgt Ion:156 Resp: 112034
Ion Ratio Lower Upper
156 100
77 214.9 87.6 262.9
158 98.8 48.5 145.5



#78
n-propylbenzene
Concen: 54.587 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013487.D
Acq: 26 Apr 2023 20:30

Tgt Ion: 91 Resp: 591781
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 55.036 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

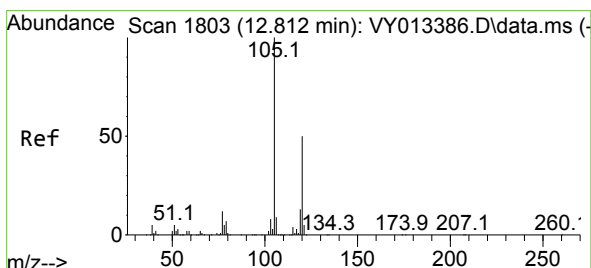
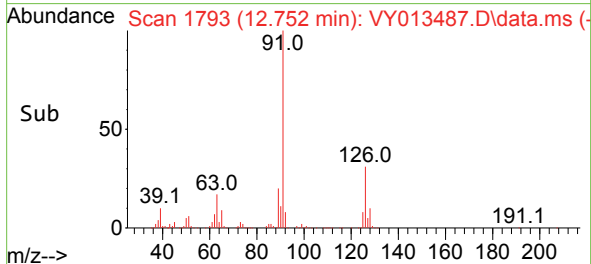
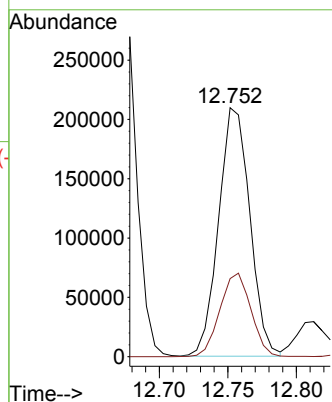
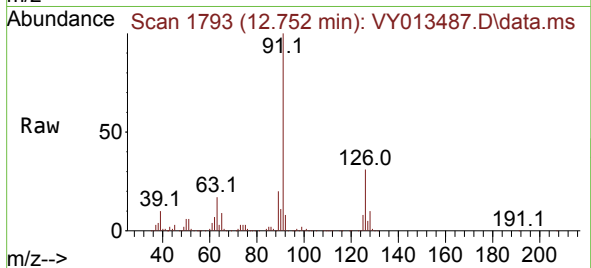
VSTDCCC050EC

Tgt Ion: 91 Resp: 333192

Ion Ratio Lower Upper

91 100

126 33.3 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 53.637 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013487.D

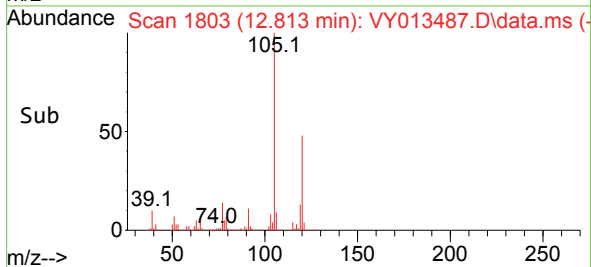
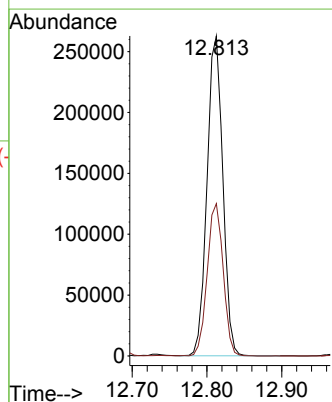
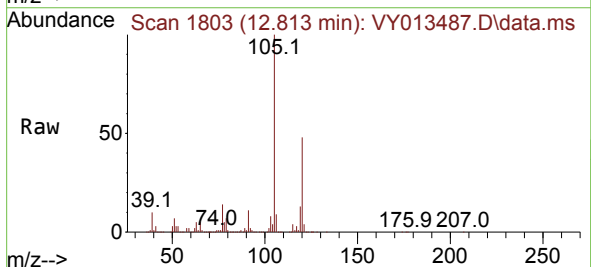
Acq: 26 Apr 2023 20:30

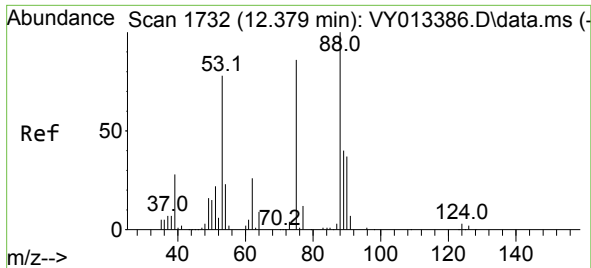
Tgt Ion: 105 Resp: 385319

Ion Ratio Lower Upper

105 100

120 48.2 24.7 74.1

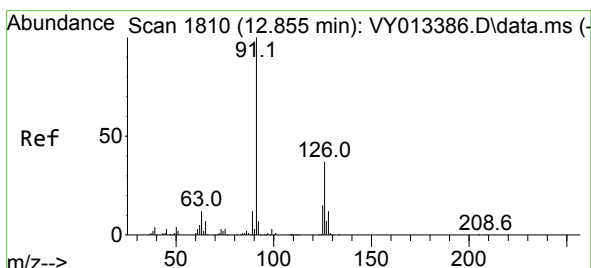
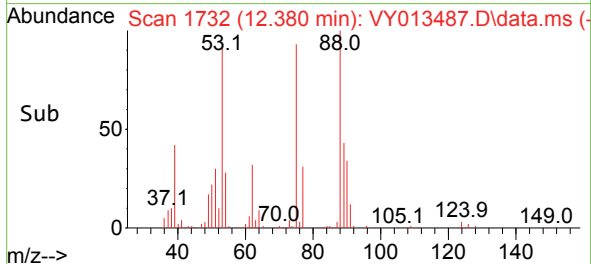
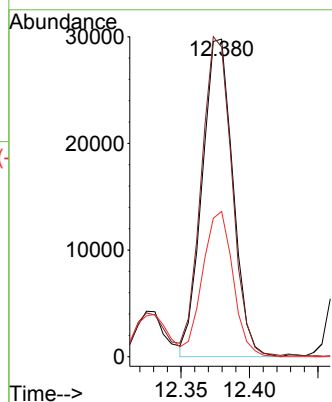
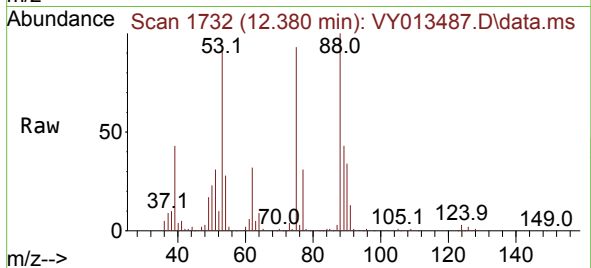




#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.491 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.001 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

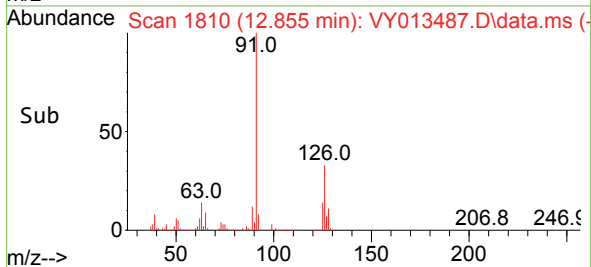
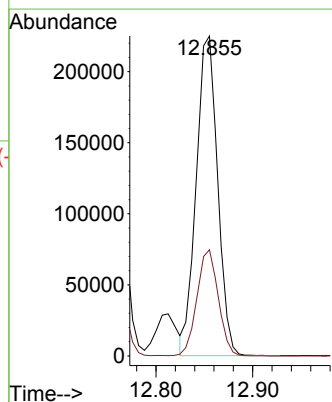
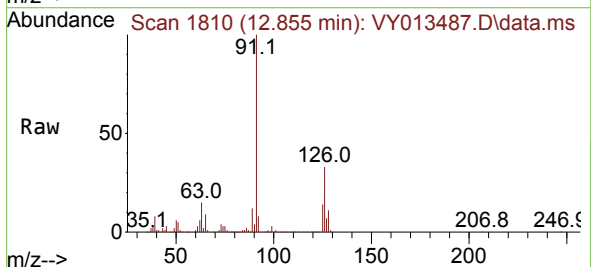
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

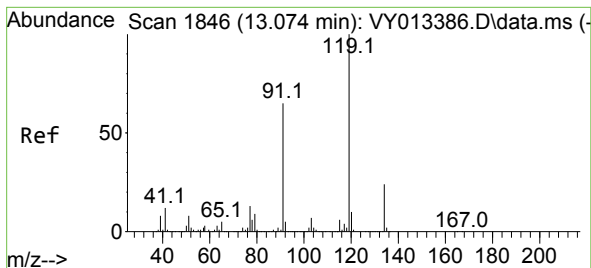
Tgt Ion: 75 Resp: 46409
 Ion Ratio Lower Upper
 75 100
 53 100.0 73.2 109.8
 89 45.4 38.0 57.0



#82
 4-Chlorotoluene
 Concen: 54.852 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY013487.D
 Acq: 26 Apr 2023 20:30

Tgt Ion: 91 Resp: 346117
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 54.348 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

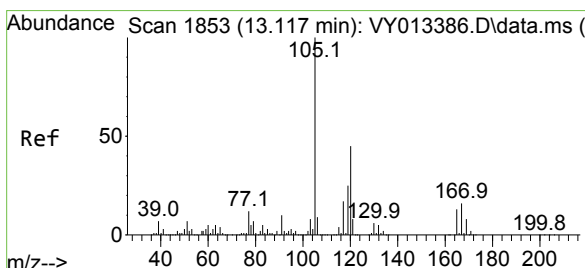
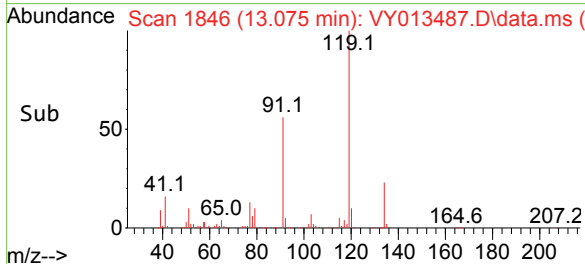
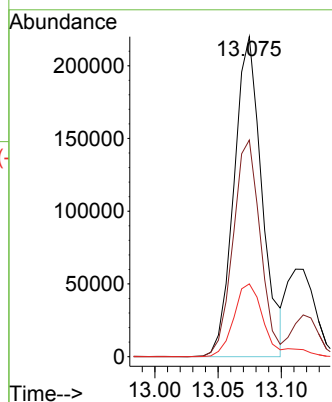
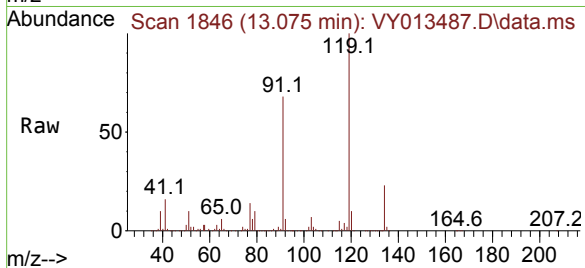
Tgt Ion:119 Resp: 338251

Ion Ratio Lower Upper

119 100

91 66.2 32.2 96.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.191 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013487.D

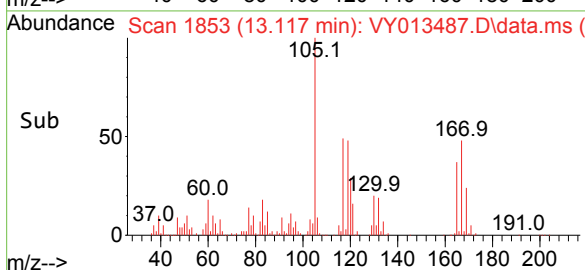
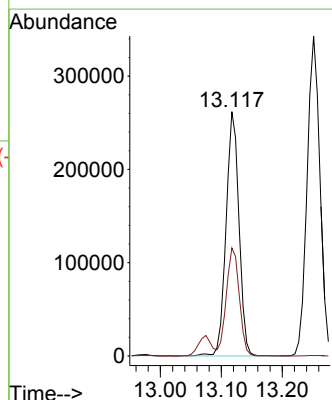
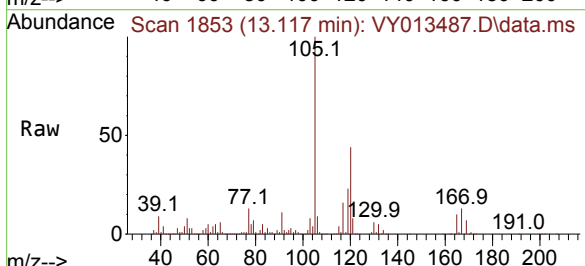
Acq: 26 Apr 2023 20:30

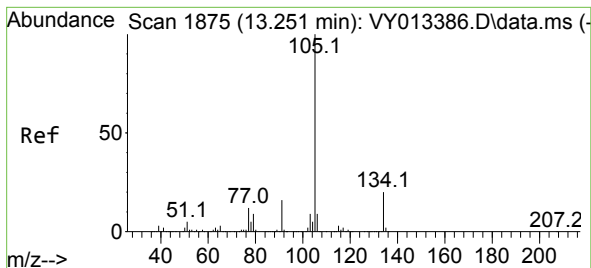
Tgt Ion:105 Resp: 385471

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.778 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

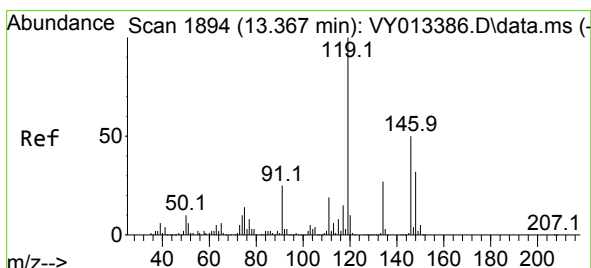
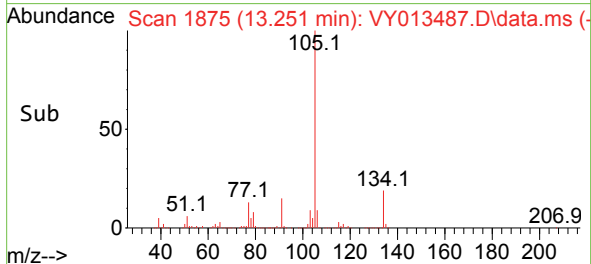
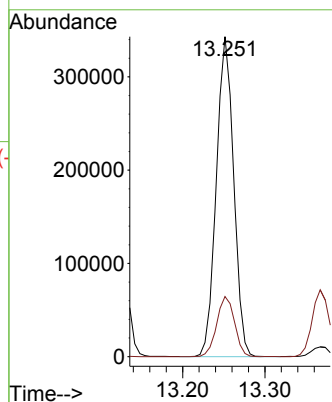
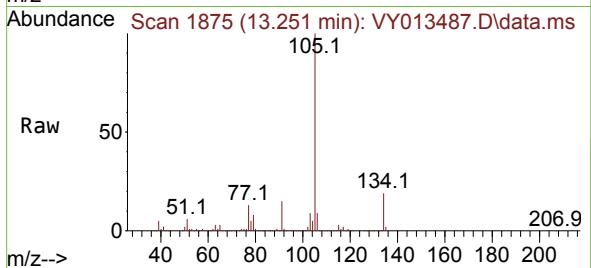
VSTDCCC050EC

Tgt Ion:105 Resp: 502326

Ion Ratio Lower Upper

105 100

134 19.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 53.214 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

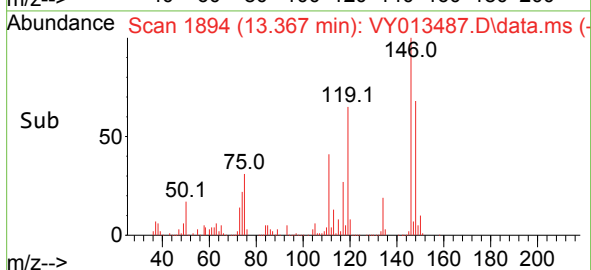
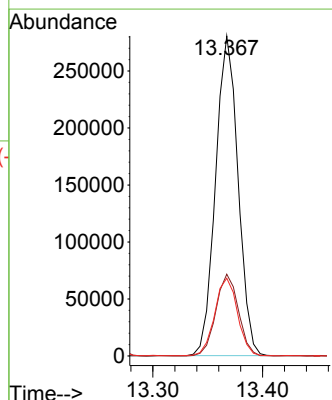
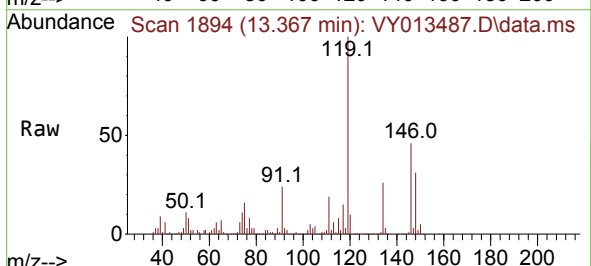
Tgt Ion:119 Resp: 399721

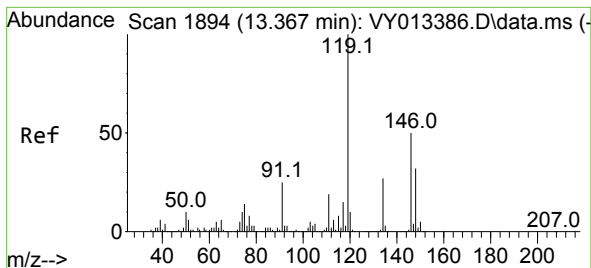
Ion Ratio Lower Upper

119 100

134 25.7 13.4 40.2

91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.750 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

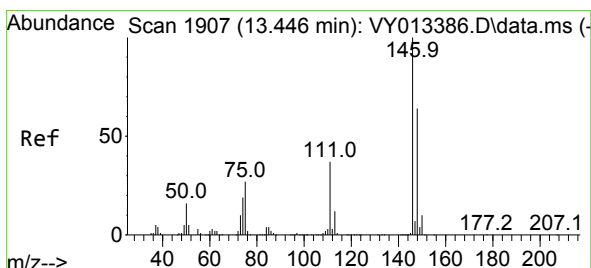
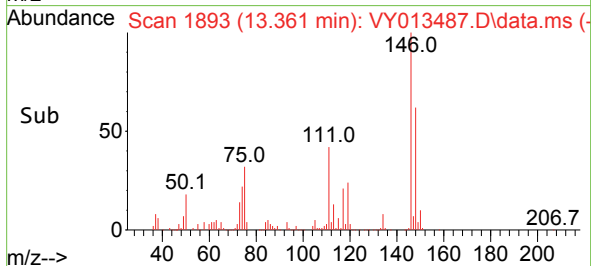
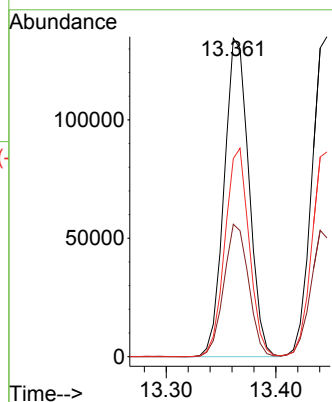
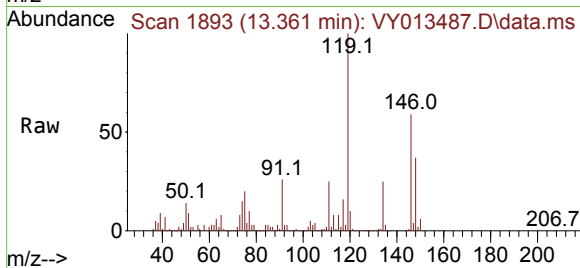
Tgt Ion:146 Resp: 210265

Ion Ratio Lower Upper

146 100

111 41.8 19.3 57.9

148 64.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 51.407 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

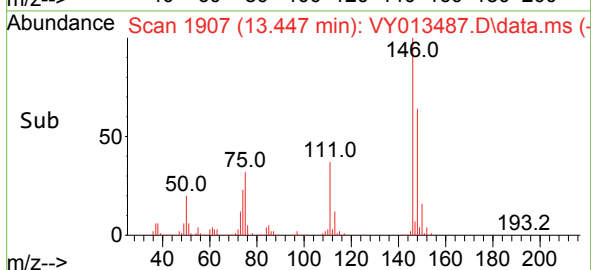
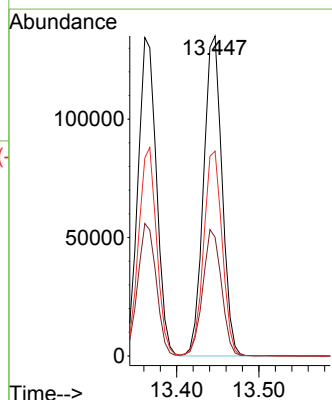
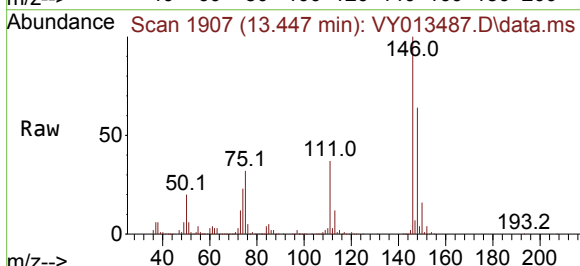
Tgt Ion:146 Resp: 210992

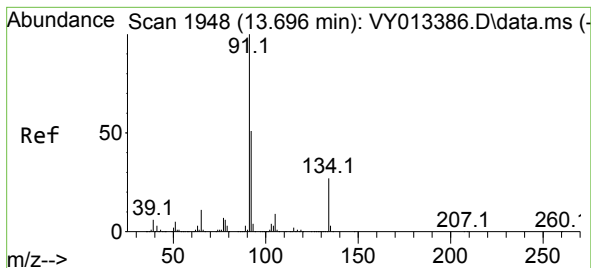
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.5

148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 52.989 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

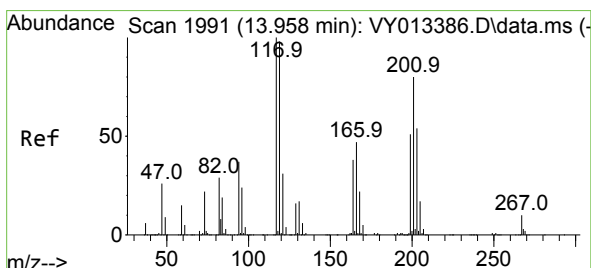
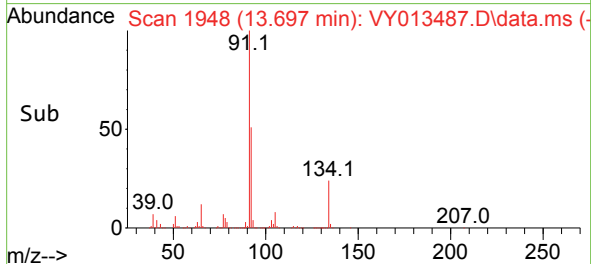
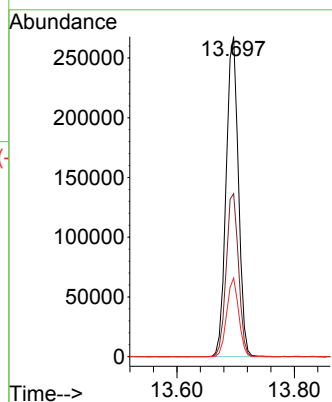
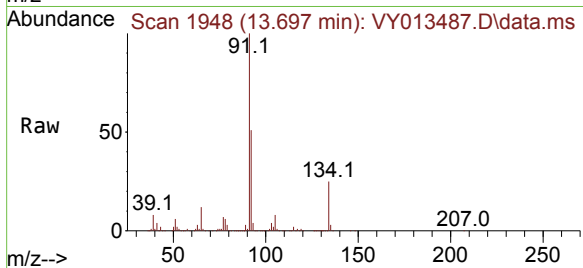
Tgt Ion: 91 Resp: 388487

Ion Ratio Lower Upper

91 100

92 51.3 25.8 77.3

134 24.1 13.5 40.4



#90

Hexachloroethane

Concen: 52.712 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013487.D

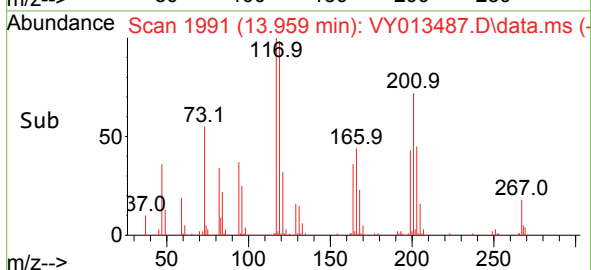
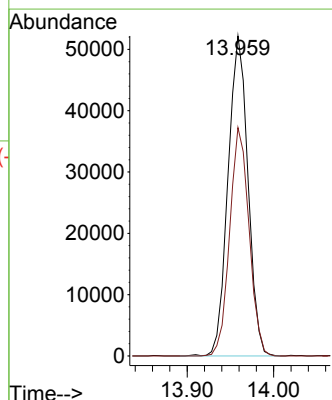
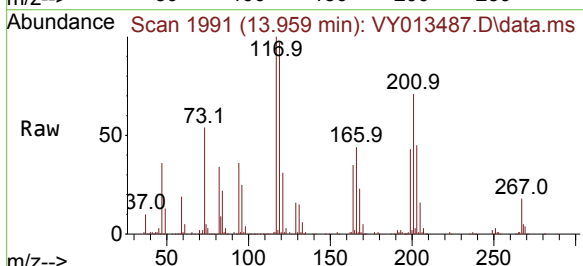
Acq: 26 Apr 2023 20:30

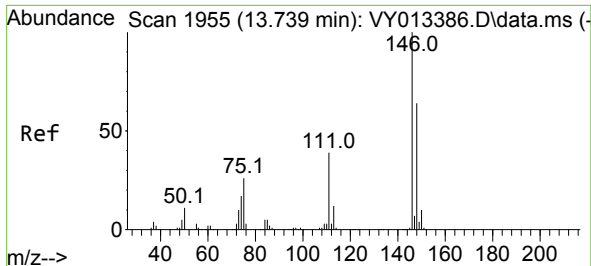
Tgt Ion: 117 Resp: 83334

Ion Ratio Lower Upper

117 100

201 69.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.394 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

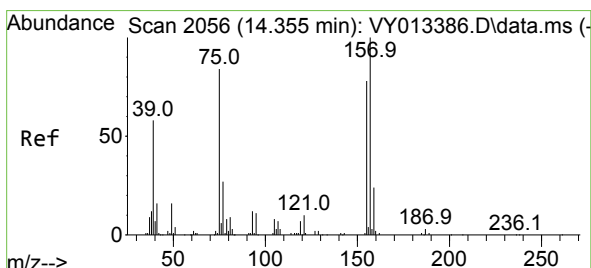
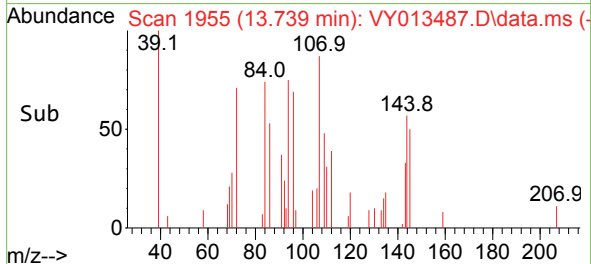
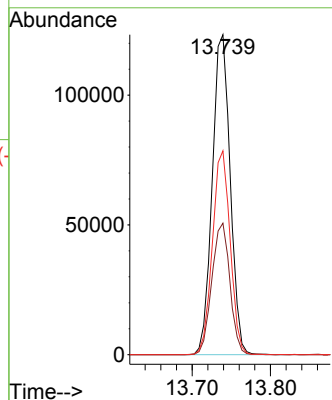
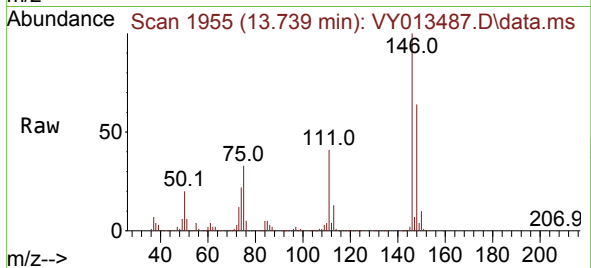
Tgt Ion:146 Resp: 195906

Ion Ratio Lower Upper

146 100

111 41.5 19.8 59.4

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.840 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

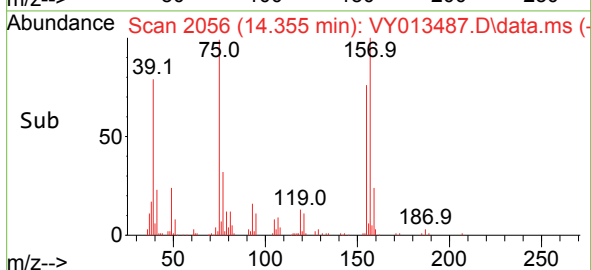
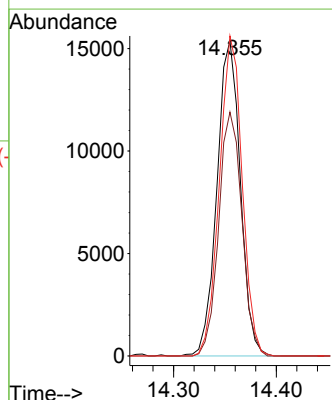
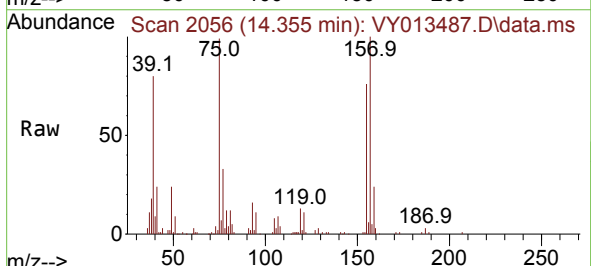
Tgt Ion: 75 Resp: 24256

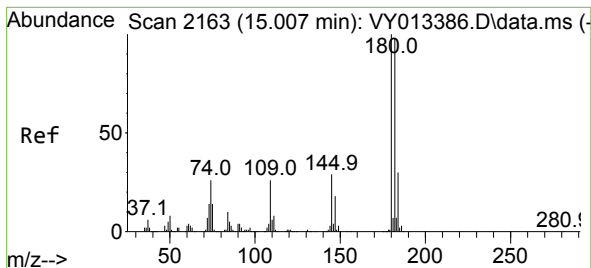
Ion Ratio Lower Upper

75 100

155 76.7 44.6 134.0

157 99.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 50.041 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

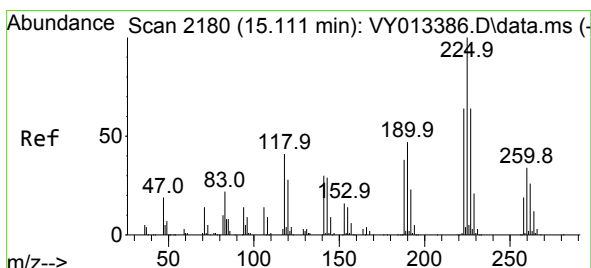
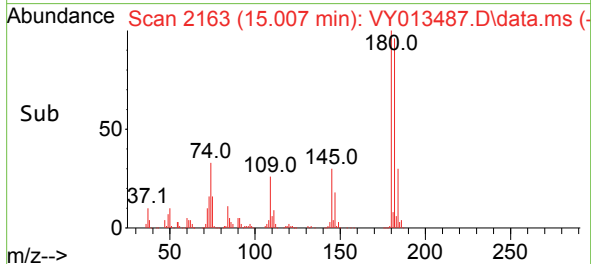
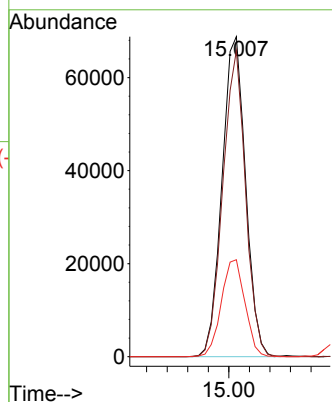
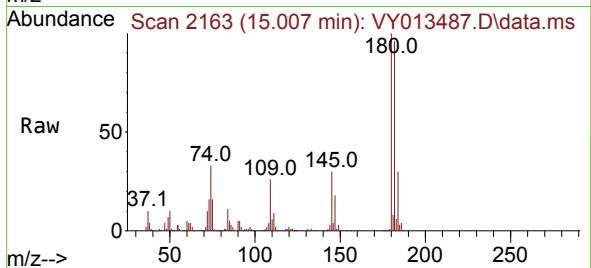
Tgt Ion:180 Resp: 109466

Ion Ratio Lower Upper

180 100

182 92.1 48.5 145.5

145 30.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 45.798 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

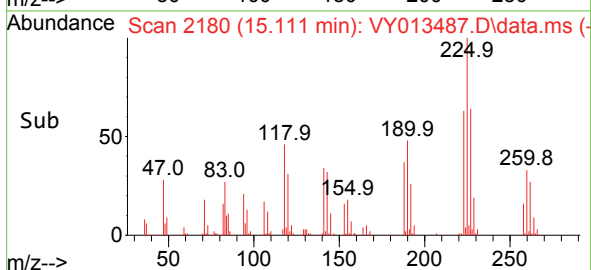
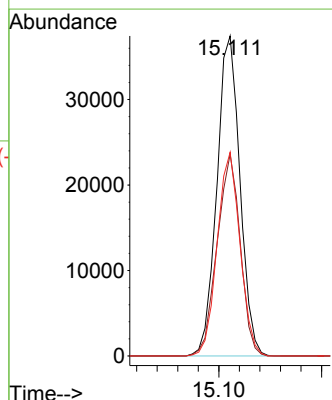
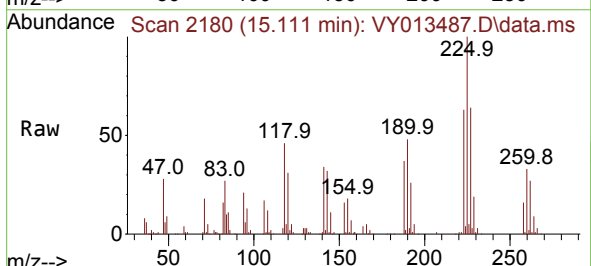
Tgt Ion:225 Resp: 58305

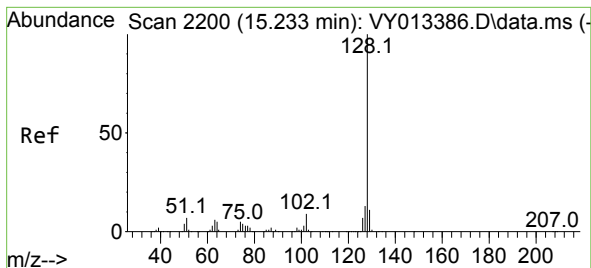
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.2

227 62.9 32.0 96.0





#95

Naphthalene

Concen: 58.603 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

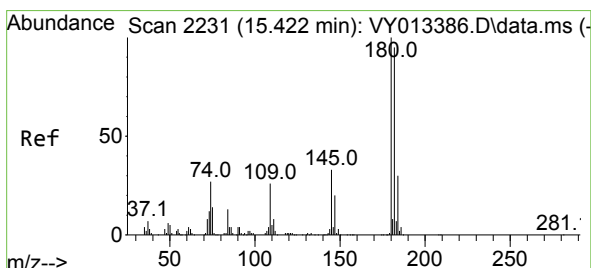
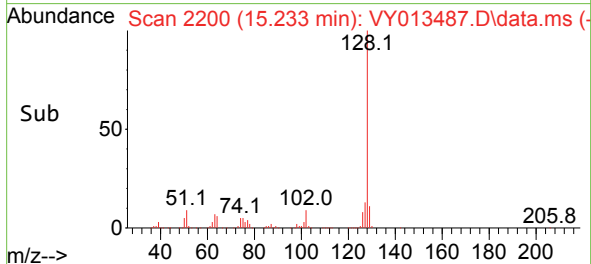
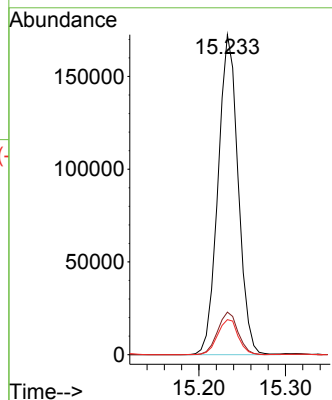
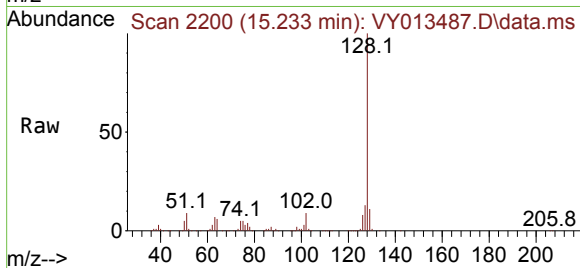
Tgt Ion:128 Resp: 278145

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.183 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013487.D

Acq: 26 Apr 2023 20:30

Tgt Ion:180 Resp: 99792

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.3

145 32.6 15.9 47.7

