

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014468.D
 Acq On : 27 Jun 2023 19:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 02:28:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	429546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	636193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	598508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	323524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	271359	50.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.722	113	202170	51.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.185	98	794907	50.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.483	95	283740	50.868	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	94461	23.691	ug/l	100
3) Chloromethane	2.113	50	89055	22.823	ug/l	99
4) Vinyl Chloride	2.253	62	102024	23.990	ug/l	93
5) Bromomethane	2.644	94	96024	25.698	ug/l	99
6) Chloroethane	2.790	64	71569	25.406	ug/l	99
7) Trichlorofluoromethane	3.125	101	224531	26.741	ug/l	99
8) Diethyl Ether	3.534	74	70895	27.694	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.900	101	103532	26.090	ug/l	95
10) Methyl Iodide	4.095	142	126830	25.668	ug/l	95
11) Tert butyl alcohol	4.966	59	91286	120.139	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	106437	26.897	ug/l	95
13) Acrolein	3.729	56	78587	112.676	ug/l	97
14) Allyl chloride	4.485	41	162694	25.742	ug/l	90
15) Acrylonitrile	5.162	53	200477	140.049	ug/l	99
16) Acetone	3.948	43	180369	107.479	ug/l	97
17) Carbon Disulfide	4.198	76	319921	26.125	ug/l	98
18) Methyl Acetate	4.479	43	157520	27.303	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	357992	29.412	ug/l	97
20) Methylene Chloride	4.716	84	128135	23.492	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	121820	27.997	ug/l	98
22) Diisopropyl ether	6.125	45	350795	27.930	ug/l	95
23) Vinyl Acetate	6.064	43	1095378	170.819	ug/l	95
24) 1,1-Dichloroethane	6.027	63	205723	27.584	ug/l	99
25) 2-Butanone	6.990	43	272802	130.514	ug/l	96
26) 2,2-Dichloropropane	6.990	77	196152	24.873	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	140453	28.675	ug/l	95
28) Bromochloromethane	7.338	49	90246	27.746	ug/l #	80
29) Tetrahydrofuran	7.350	42	178706	143.383	ug/l	88
30) Chloroform	7.509	83	244254	29.032	ug/l	96
31) Cyclohexane	7.789	56	169550	25.738	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	227945	28.464	ug/l	98
36) 1,1-Dichloropropene	7.923	75	166530	27.494	ug/l	98
37) Ethyl Acetate	7.082	43	117181	28.072	ug/l #	96
38) Carbon Tetrachloride	7.905	117	217092	28.482	ug/l	98
39) Methylcyclohexane	9.185	83	190713	27.368	ug/l	97
40) Benzene	8.167	78	494490	28.825	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014468.D
 Acq On : 27 Jun 2023 19:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 02:28:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	172827	83.544	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	191266	29.407	ug/l	100
43) Isopropyl Acetate	8.277	43	210267	28.527	ug/l	96
44) Trichloroethene	8.941	130	139224	28.267	ug/l	100
45) 1,2-Dichloropropane	9.216	63	113993	28.182	ug/l	100
46) Dibromomethane	9.307	93	81001	29.304	ug/l	95
47) Bromodichloromethane	9.502	83	189792	29.459	ug/l	98
48) Methyl methacrylate	9.295	41	99989	29.208	ug/l	93
49) 1,4-Dioxane	9.301	88	27932	646.264	ug/l #	65
51) 4-Methyl-2-Pentanone	10.075	43	607459	146.025	ug/l	96
52) Toluene	10.246	92	328239	29.737	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	203055	29.070	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	205025	28.457	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	112499	30.394	ug/l	94
56) Ethyl methacrylate	10.508	69	162421	30.726	ug/l	94
57) 1,3-Dichloropropane	10.795	76	184903	29.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	358960	144.968	ug/l	93
59) 2-Hexanone	10.831	43	456896	145.755	ug/l	96
60) Dibromochloromethane	10.990	129	151334	30.821	ug/l	100
61) 1,2-Dibromoethane	11.087	107	112904	30.636	ug/l	99
64) Tetrachloroethene	10.721	164	151489	29.744	ug/l	96
65) Chlorobenzene	11.520	112	365128	29.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	149595	30.203	ug/l	97
67) Ethyl Benzene	11.593	91	640404	29.248	ug/l	98
68) m/p-Xylenes	11.703	106	505308	59.088	ug/l	97
69) o-Xylene	12.032	106	244820	30.086	ug/l	99
70) Styrene	12.044	104	424441	30.433	ug/l	100
71) Bromoform	12.209	173	112080	30.618	ug/l	99
73) Isopropylbenzene	12.331	105	637924	29.283	ug/l	99
74) N-amyl acetate	12.142	43	201414	29.194	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	139680	30.003	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	197124	48.572	ug/l #	100
77) Bromobenzene	12.611	156	170339	30.073	ug/l	92
78) n-propylbenzene	12.672	91	764593	29.092	ug/l	98
79) 2-Chlorotoluene	12.758	91	440692	29.360	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	558949	29.660	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	50182	28.151	ug/l	94
82) 4-Chlorotoluene	12.855	91	462438	28.921	ug/l	98
83) tert-Butylbenzene	13.075	119	473598	29.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.124	105	561404	30.064	ug/l	100
85) sec-Butylbenzene	13.258	105	690218	29.543	ug/l	98
86) p-Isopropyltoluene	13.373	119	599691	29.647	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	328313	30.051	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	329316	29.983	ug/l	100
89) n-Butylbenzene	13.697	91	530658	28.712	ug/l	97
90) Hexachloroethane	13.965	117	113702	29.547	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	302847	30.364	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31172	30.294	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	191871	29.610	ug/l	98
94) Hexachlorobutadiene	15.111	225	112276	28.845	ug/l	98
95) Naphthalene	15.239	128	429446	30.825	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	176019	29.833	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
Data File : VY014468.D
Acq On : 27 Jun 2023 19:05
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 28 02:28:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

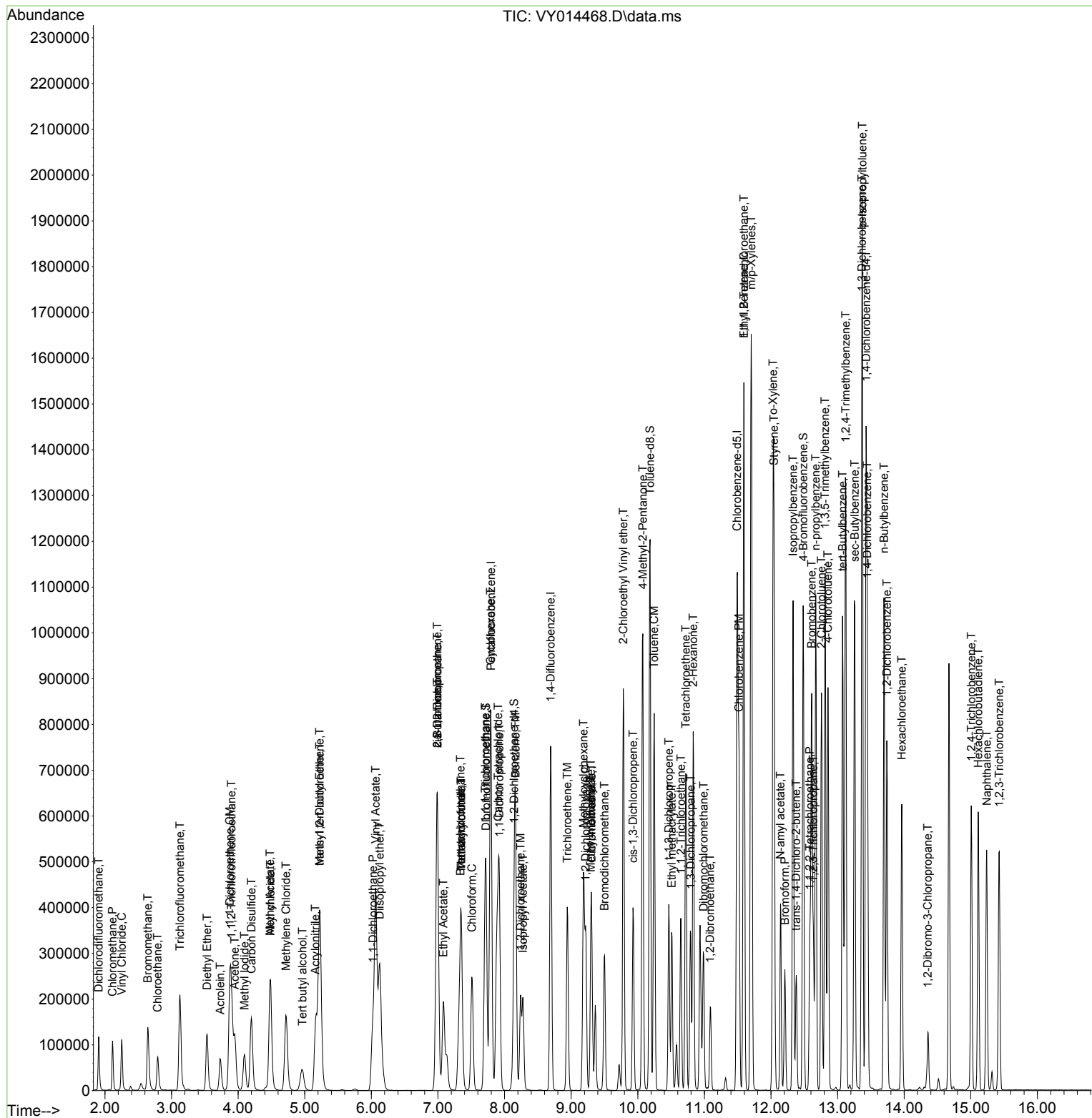
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

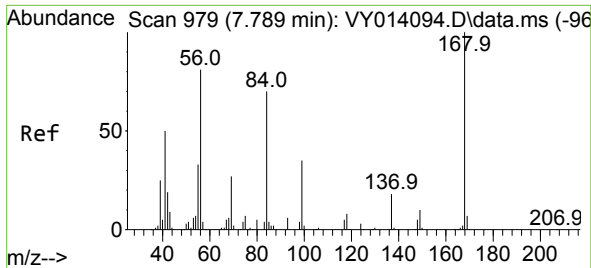
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014468.D
 Acq On : 27 Jun 2023 19:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 02:28:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

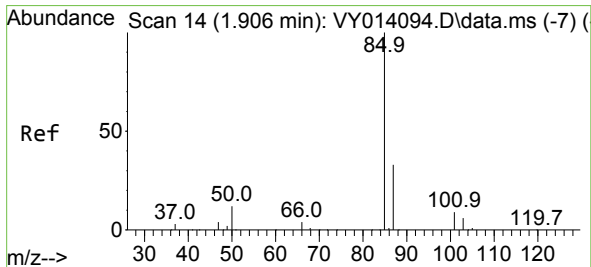
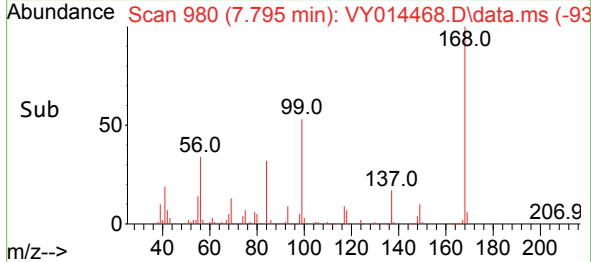
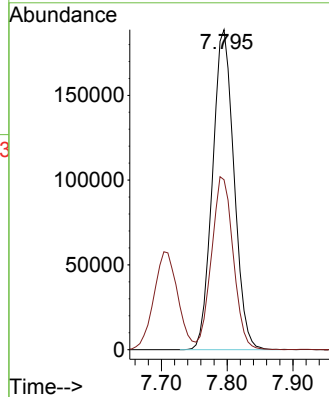
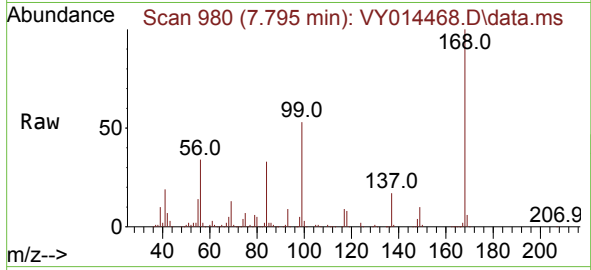




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

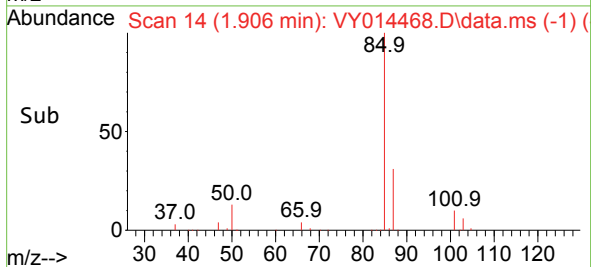
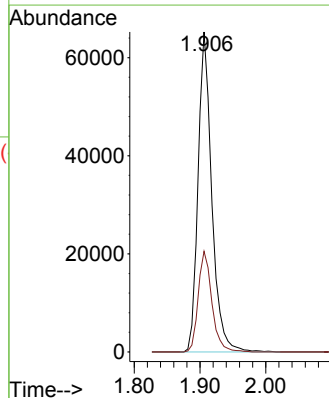
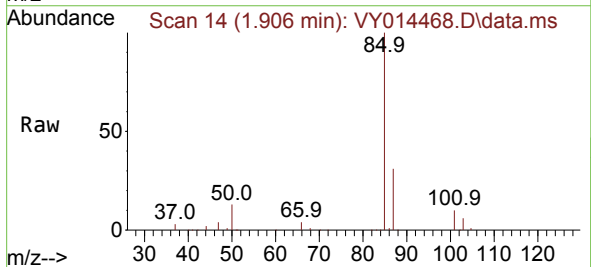
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

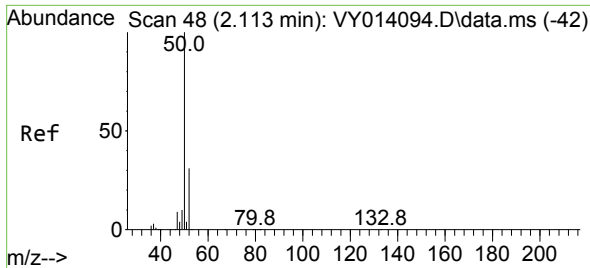
Tgt Ion:168 Resp: 429546
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.691 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 85 Resp: 94461
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

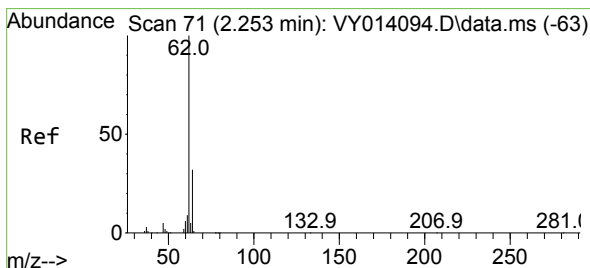
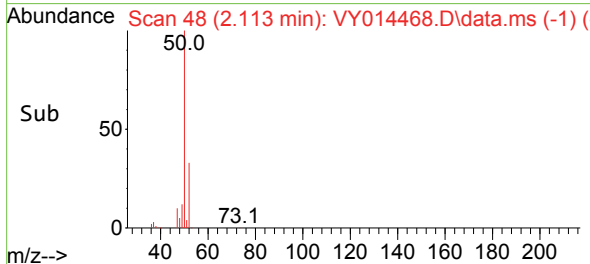
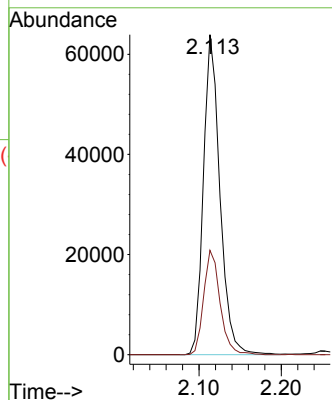
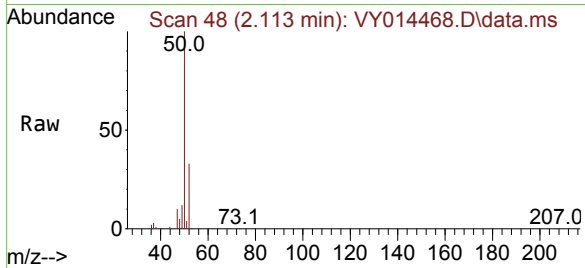




#3
Chloromethane
Concen: 22.823 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

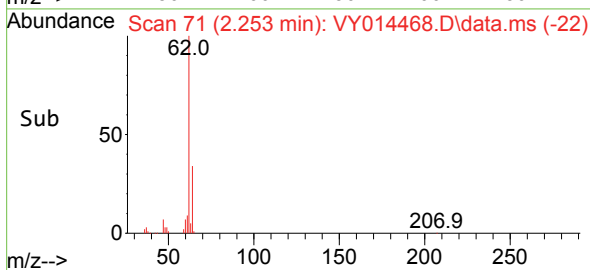
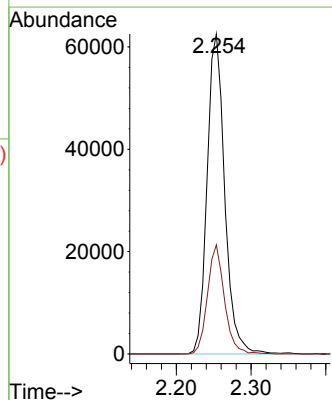
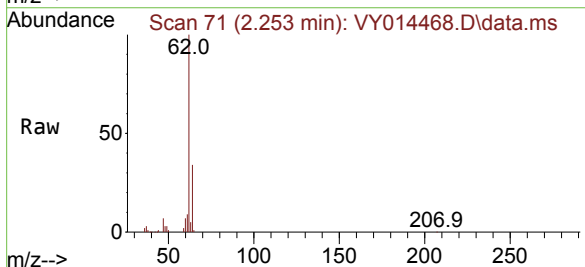
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

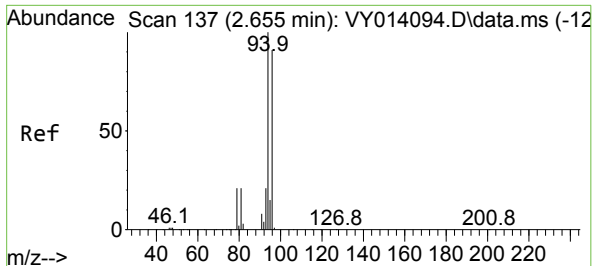
Tgt Ion: 50 Resp: 89055
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 23.990 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 62 Resp: 102024
Ion Ratio Lower Upper
62 100
64 34.1 24.3 36.5

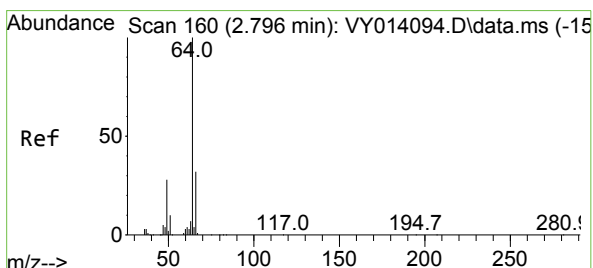
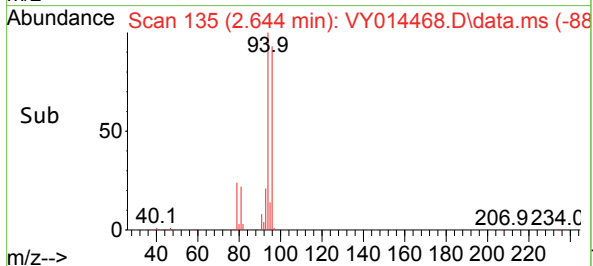
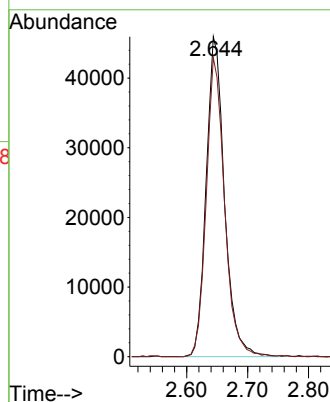
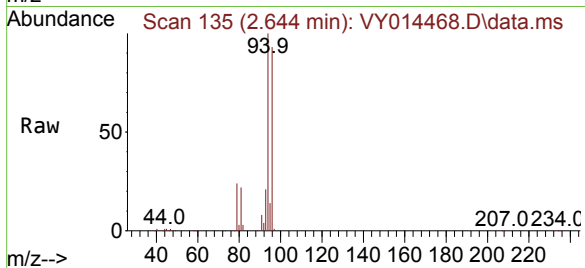




#5
Bromomethane
Concen: 25.698 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

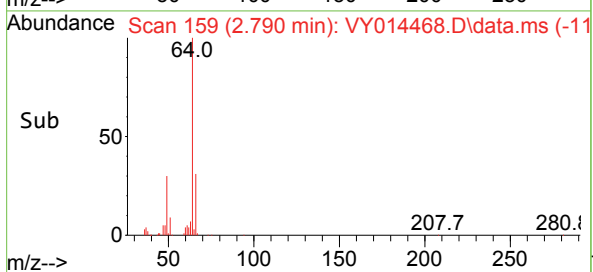
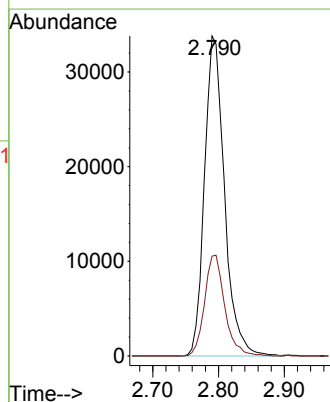
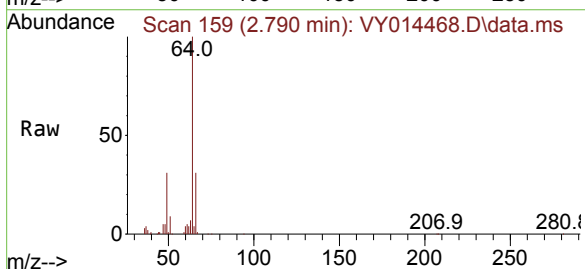
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

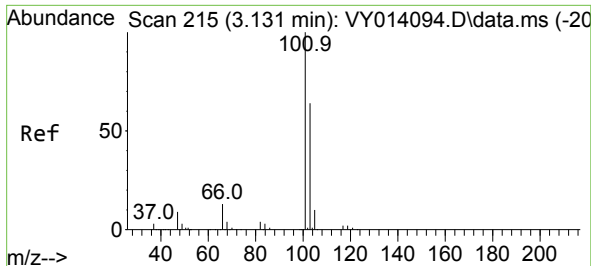
Tgt Ion: 94 Resp: 96024
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6



#6
Chloroethane
Concen: 25.406 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 64 Resp: 71569
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

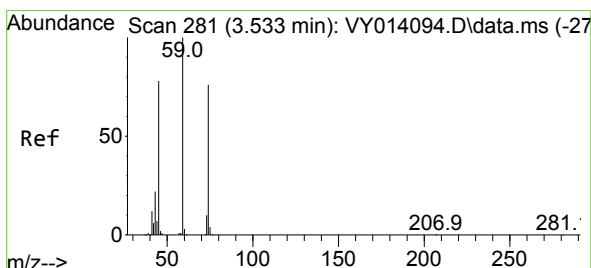
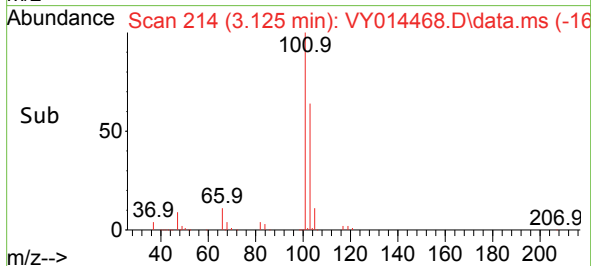
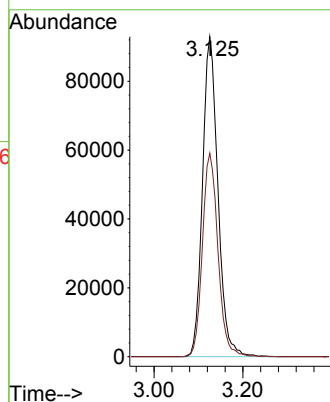
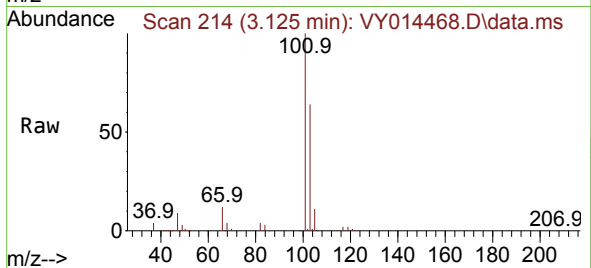




#7
 Trichlorofluoromethane
 Concen: 26.741 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014468.D
 Acq: 27 Jun 2023 19:05

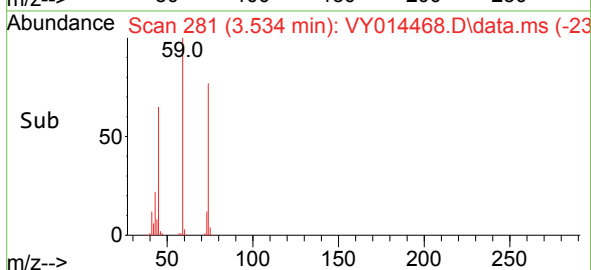
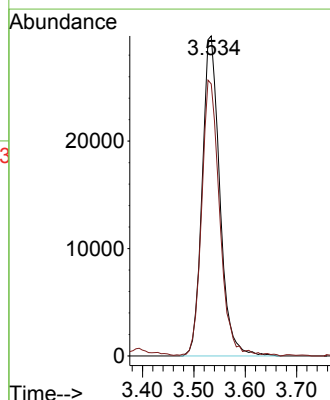
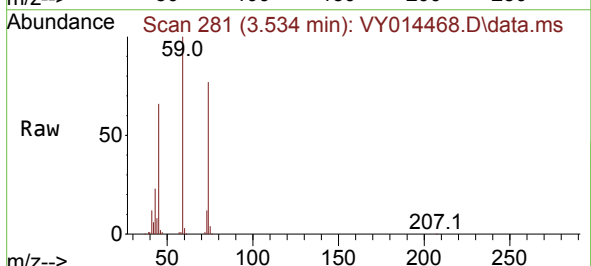
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

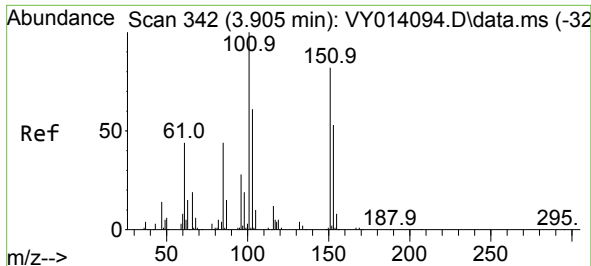
Tgt Ion:101 Resp: 224531
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 27.694 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.001 min
 Lab File: VY014468.D
 Acq: 27 Jun 2023 19:05

Tgt Ion: 74 Resp: 70895
 Ion Ratio Lower Upper
 74 100
 45 88.7 51.5 154.5

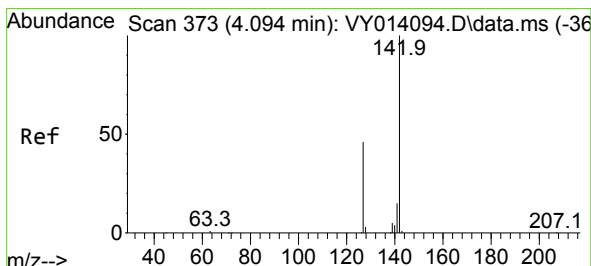
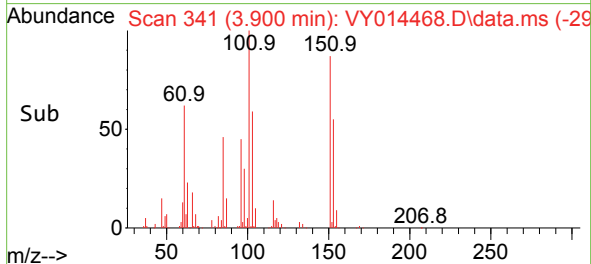
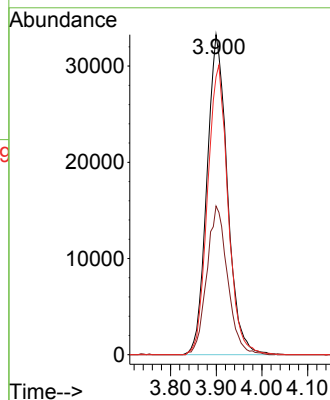
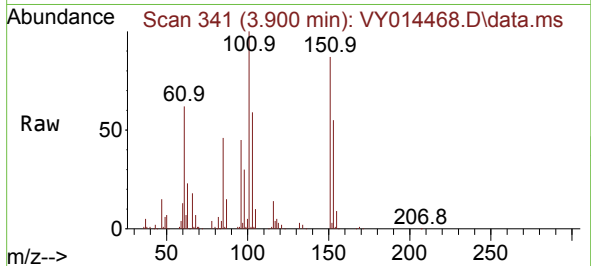




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.090 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.005 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

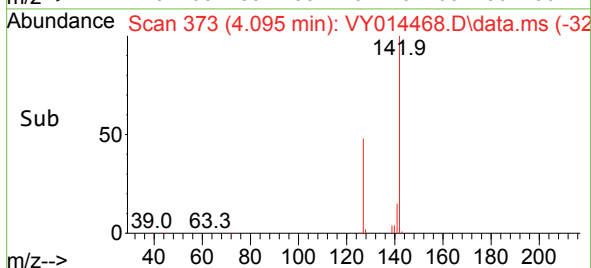
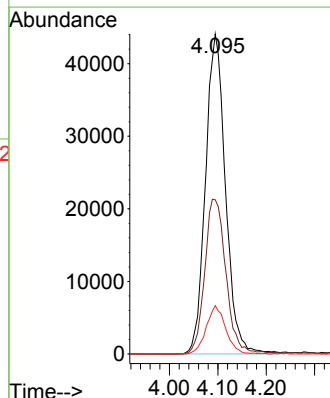
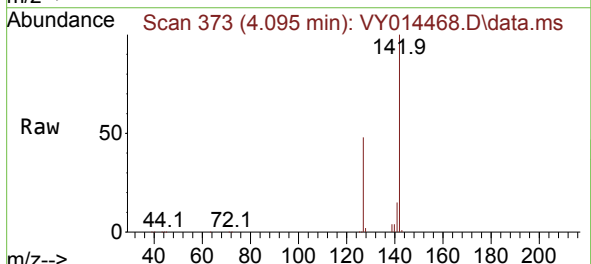
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

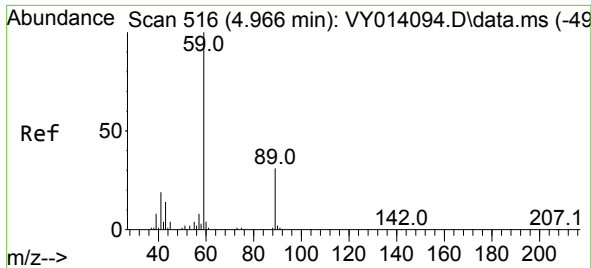
Tgt Ion:101 Resp: 103532
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 90.5 67.0 100.6



#10
Methyl Iodide
Concen: 25.668 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion:142 Resp: 126830
Ion Ratio Lower Upper
142 100
127 51.2 37.6 56.4
141 14.7 11.8 17.8

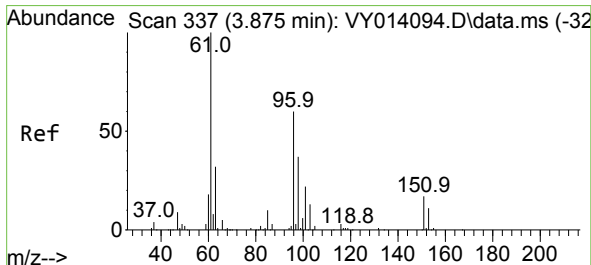
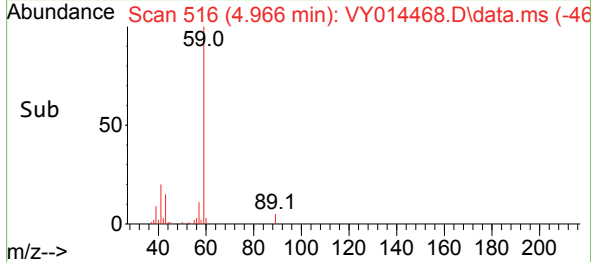
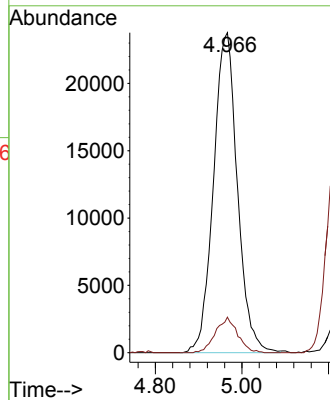
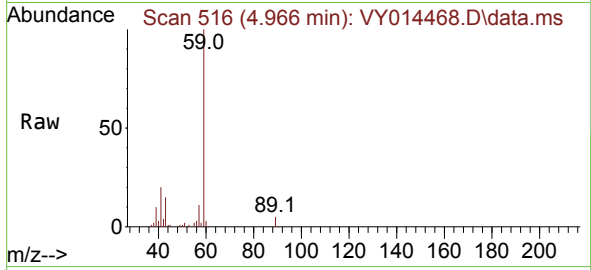




#11
Tert butyl alcohol
Concen: 120.139 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

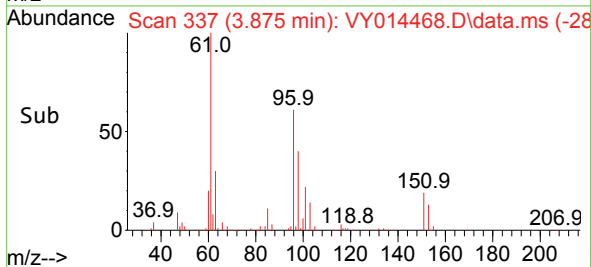
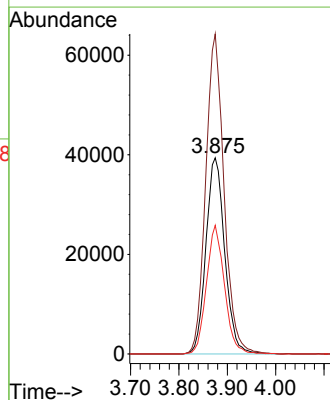
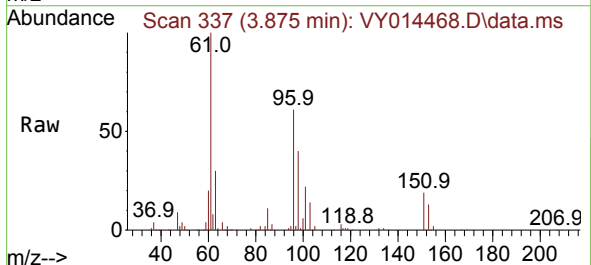
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

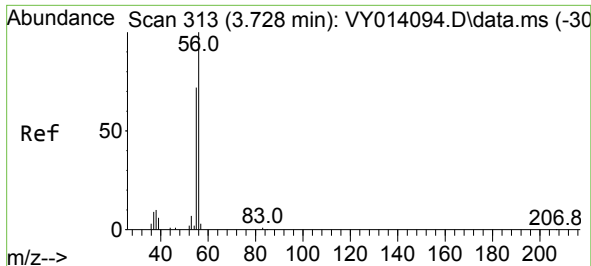
Tgt Ion: 59 Resp: 91286
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 26.897 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 96 Resp: 106437
Ion Ratio Lower Upper
96 100
61 163.1 136.4 204.6
98 65.6 49.4 74.2

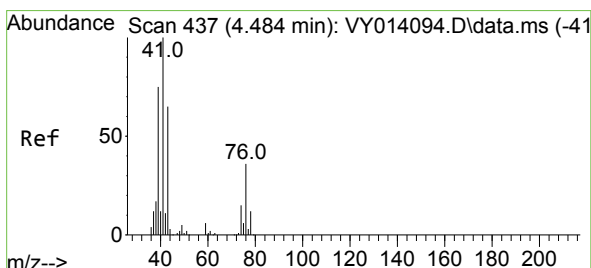
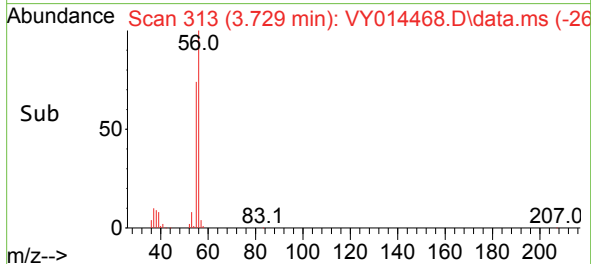
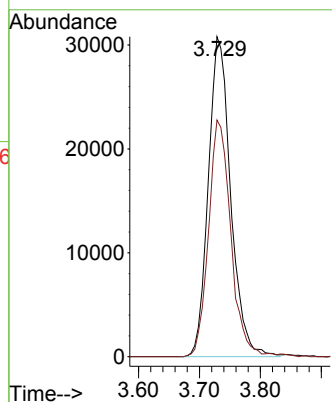
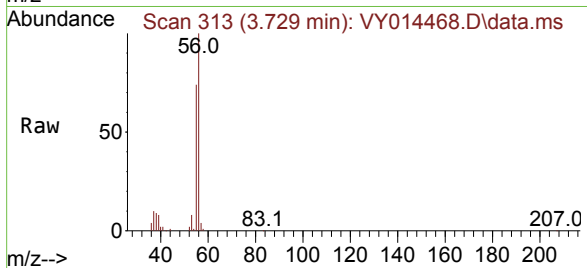




#13
Acrolein
Concen: 112.676 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

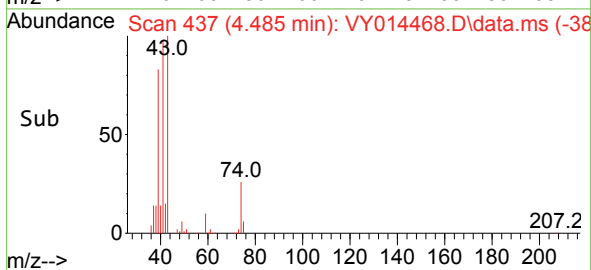
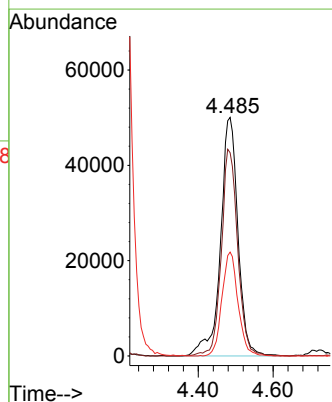
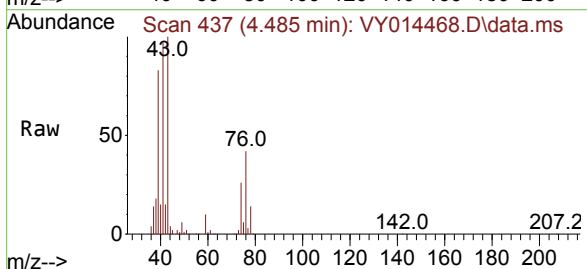
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

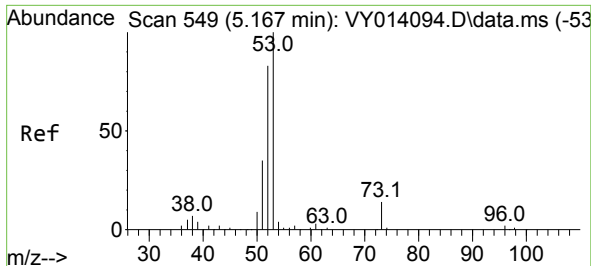
Tgt Ion: 56 Resp: 78587
Ion Ratio Lower Upper
56 100
55 73.6 57.0 85.4



#14
Allyl chloride
Concen: 25.742 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 41 Resp: 162694
Ion Ratio Lower Upper
41 100
39 81.1 58.0 87.0
76 40.0 27.4 41.2

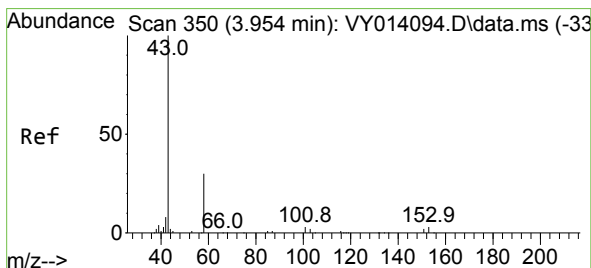
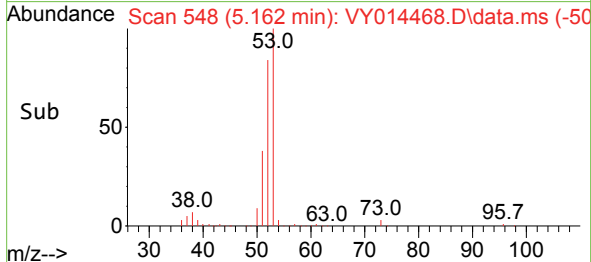
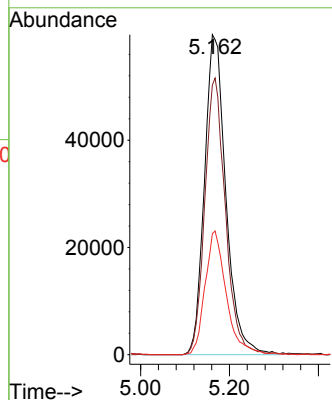
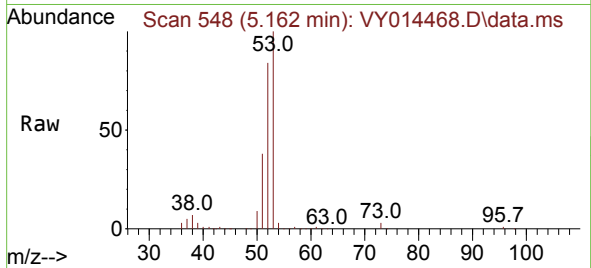




#15
Acrylonitrile
Concen: 140.049 ug/l
RT: 5.162 min Scan# 54
Delta R.T. -0.005 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

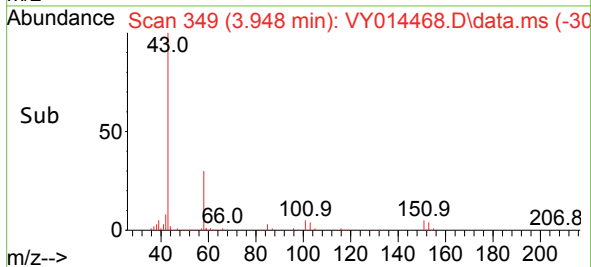
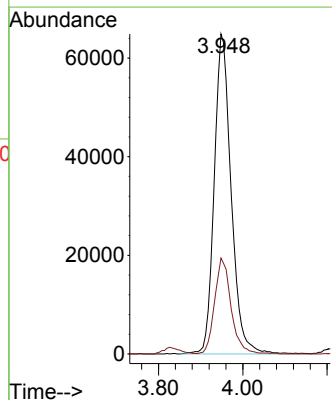
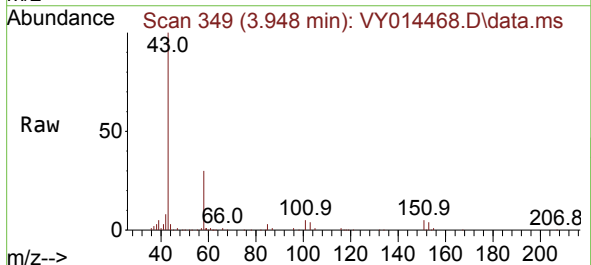
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

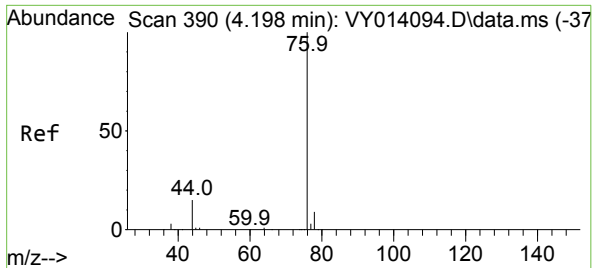
Tgt Ion: 53 Resp: 200477
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 38.3 29.8 44.6



#16
Acetone
Concen: 107.479 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 43 Resp: 180369
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1

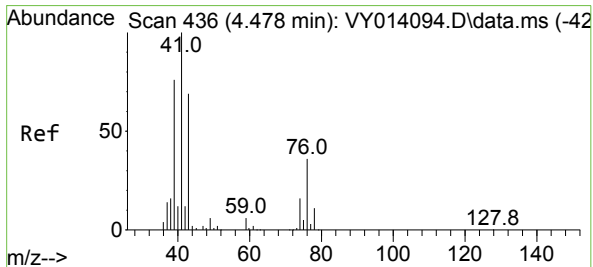
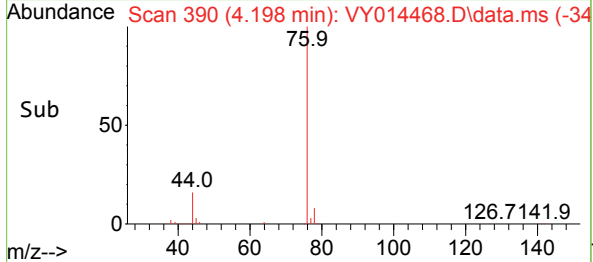
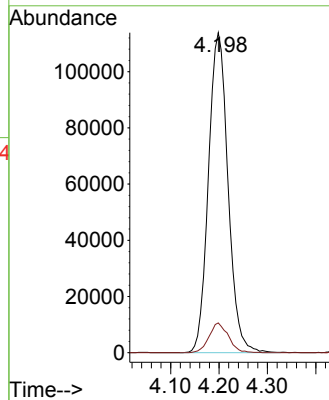
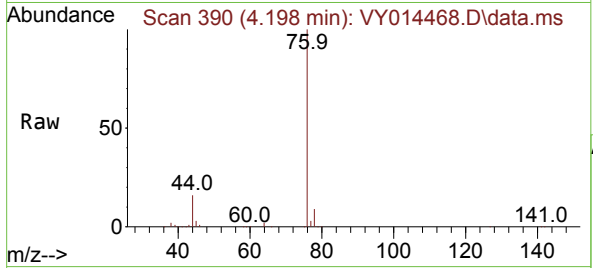




#17
Carbon Disulfide
Concen: 26.125 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

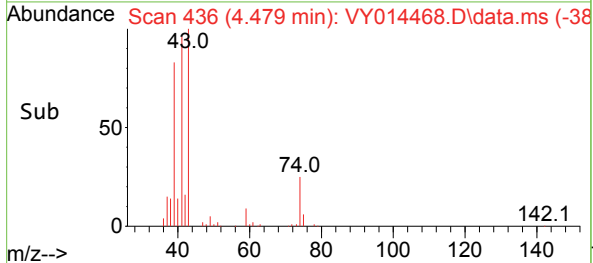
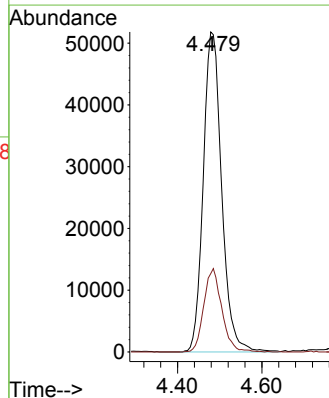
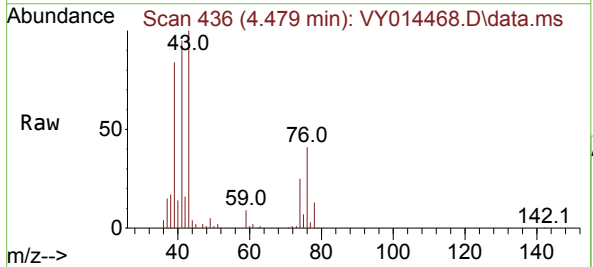
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

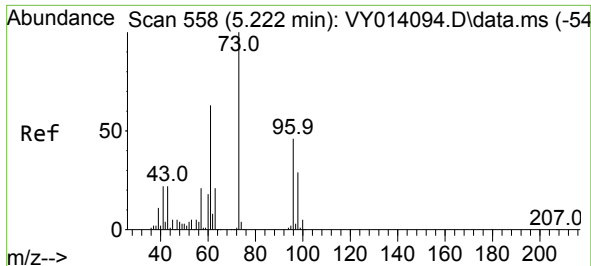
Tgt Ion: 76 Resp: 319921
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 27.303 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 43 Resp: 157520
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

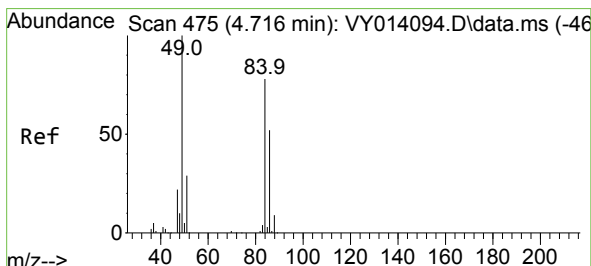
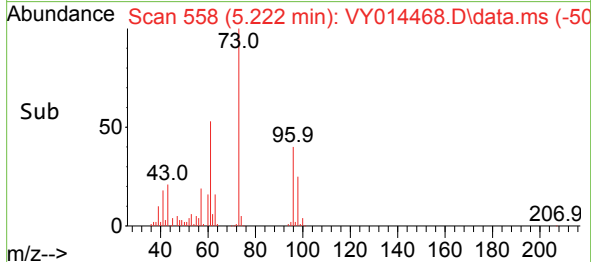
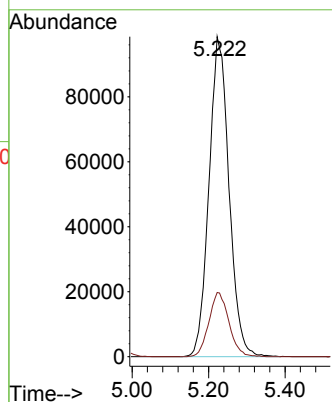
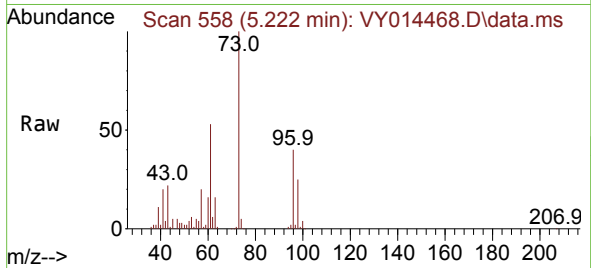




#19
Methyl tert-butyl Ether
Concen: 29.412 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

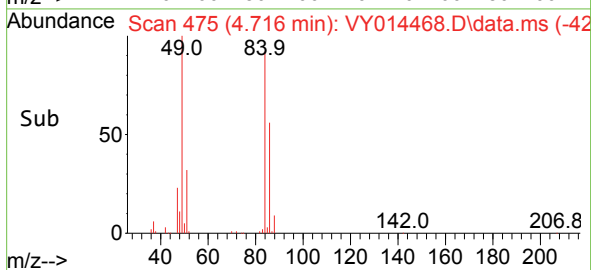
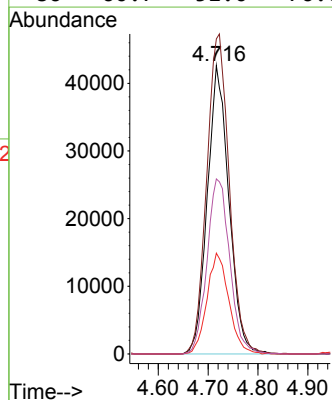
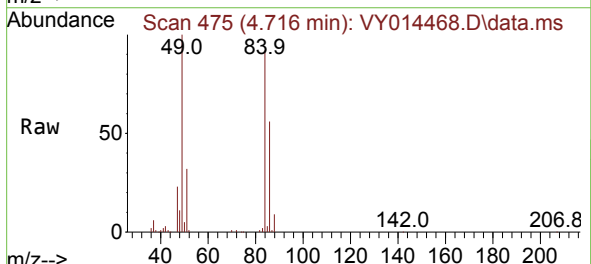
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

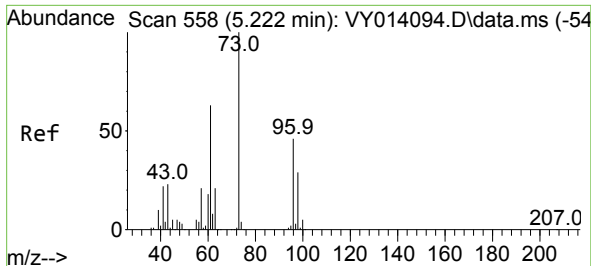
Tgt Ion: 73 Resp: 357992
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 23.492 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 84 Resp: 128135
Ion Ratio Lower Upper
84 100
49 109.2 106.9 160.3
51 34.9 33.2 49.8
86 60.7 51.0 76.6

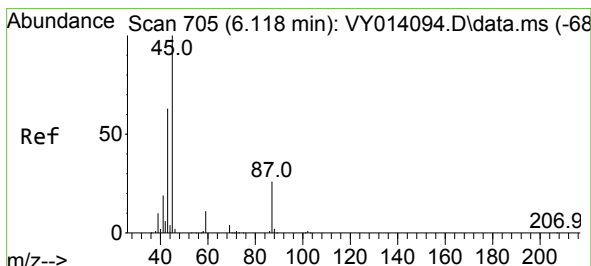
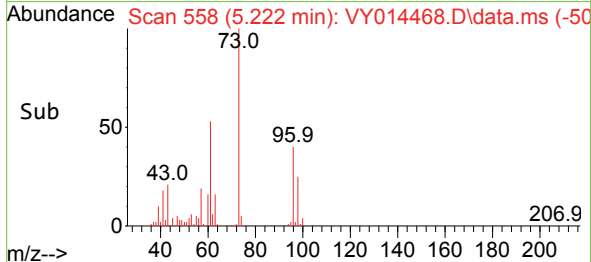
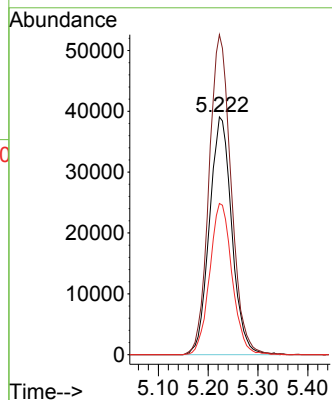
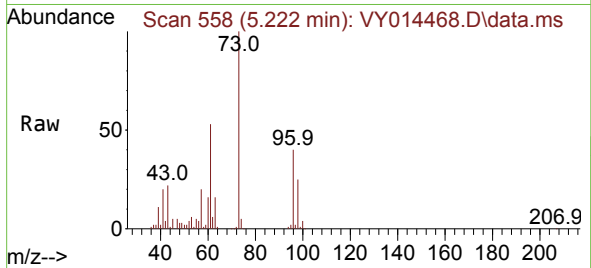




#21
trans-1,2-Dichloroethene
Concen: 27.997 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

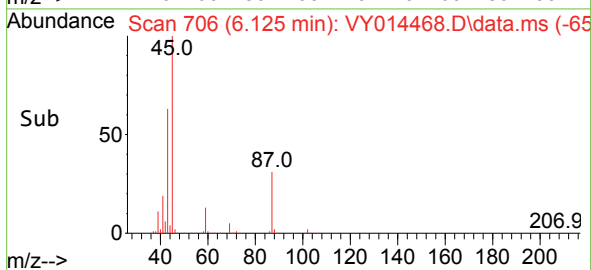
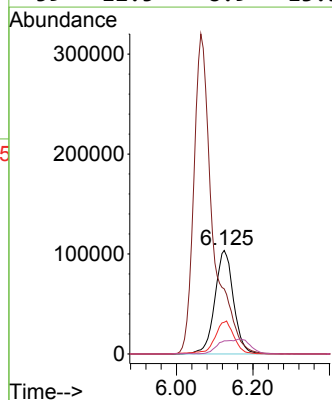
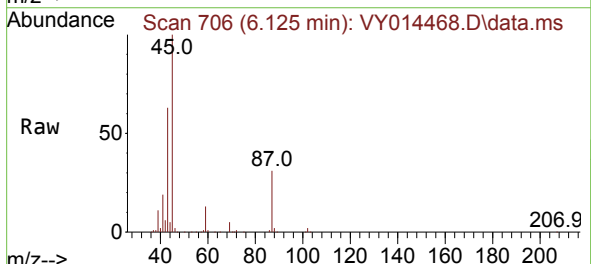
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

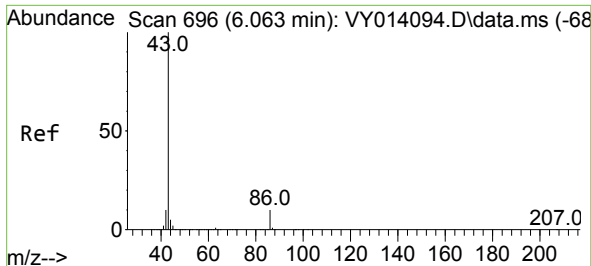
Tgt Ion: 96 Resp: 121820
Ion Ratio Lower Upper
96 100
61 134.5 110.2 165.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 27.930 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 45 Resp: 350795
Ion Ratio Lower Upper
45 100
43 62.6 52.2 78.4
87 30.5 21.0 31.6
59 12.5 8.9 13.3

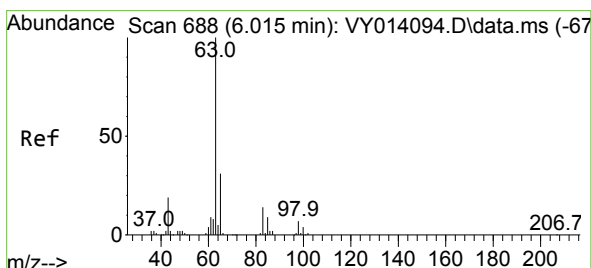
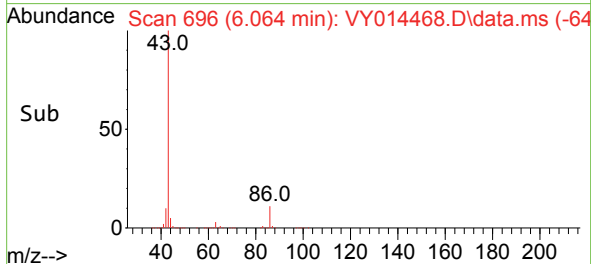
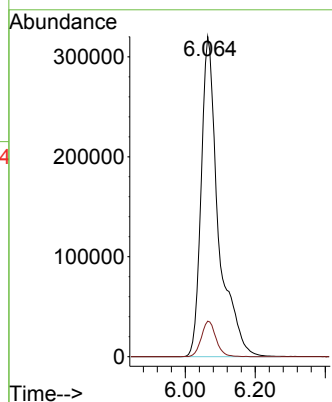
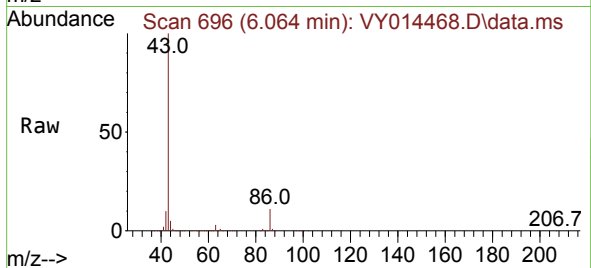




#23
 Vinyl Acetate
 Concen: 170.819 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014468.D
 Acq: 27 Jun 2023 19:05

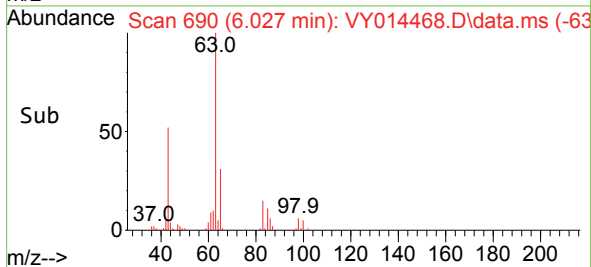
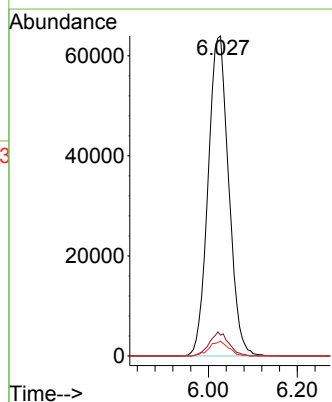
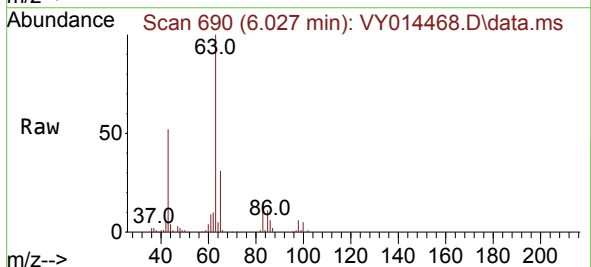
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

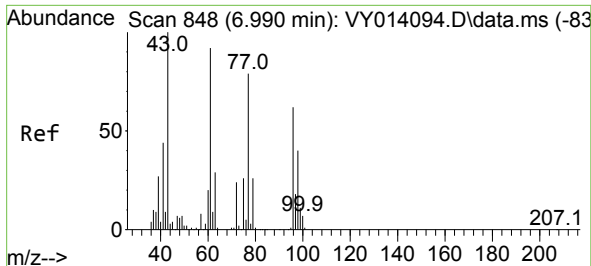
Tgt Ion: 43 Resp: 1095378
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 27.584 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY014468.D
 Acq: 27 Jun 2023 19:05

Tgt Ion: 63 Resp: 205723
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.6 1.8 5.5

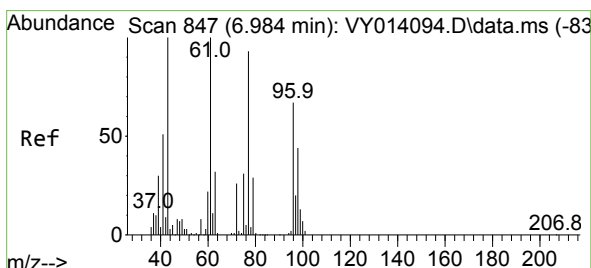
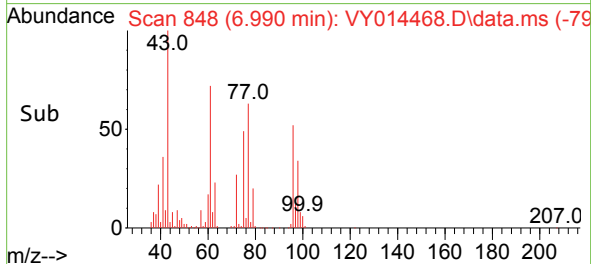
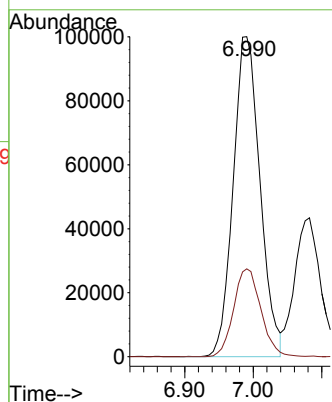
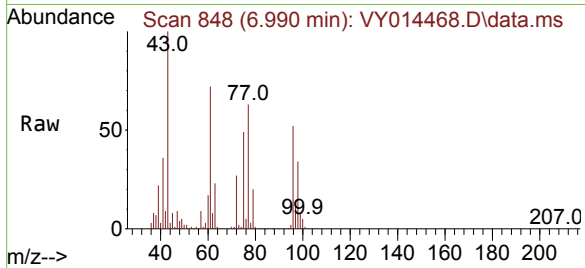




#25
2-Butanone
Concen: 130.514 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

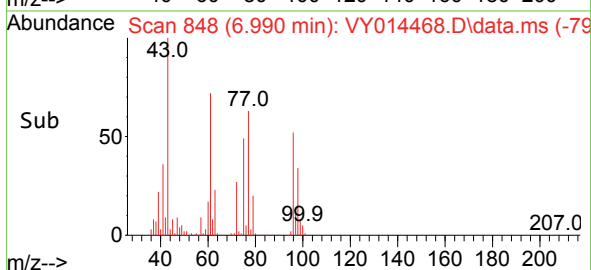
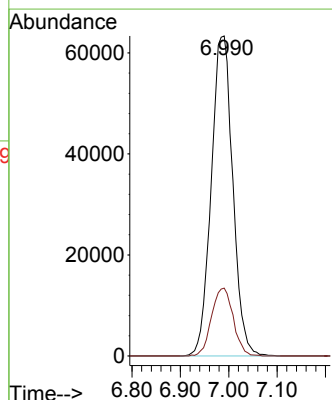
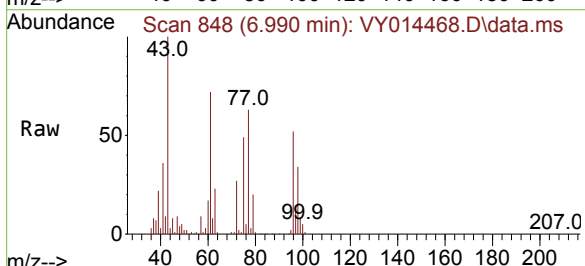
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

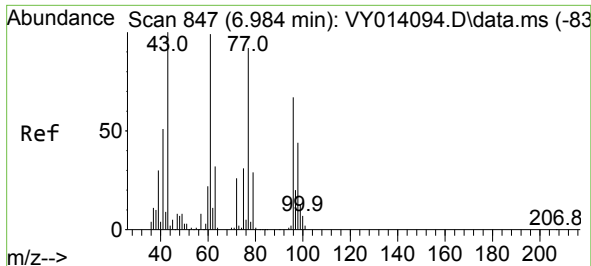
Tgt Ion: 43 Resp: 272802
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 24.873 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 77 Resp: 196152
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 28.675 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014468.D

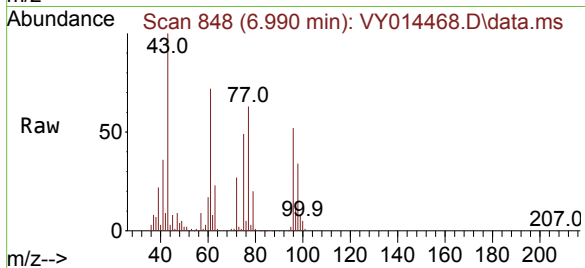
Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



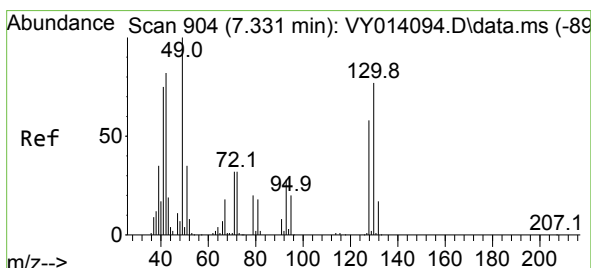
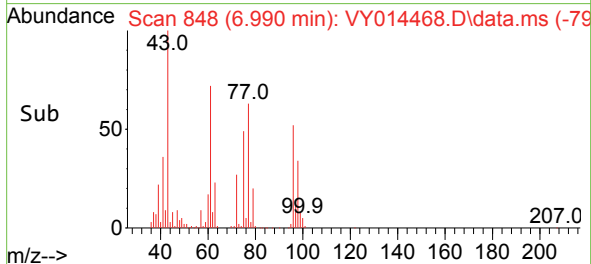
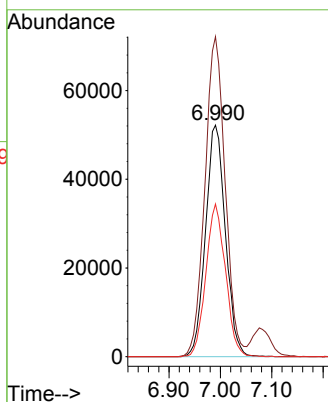
Tgt Ion: 96 Resp: 140453

Ion Ratio Lower Upper

96 100

61 141.2 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 27.746 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

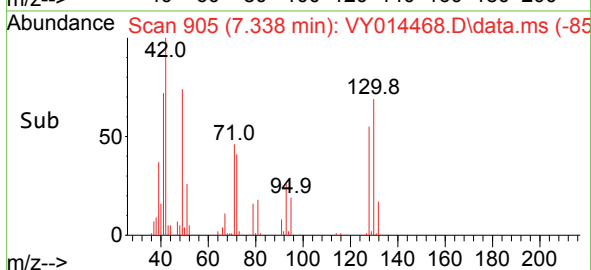
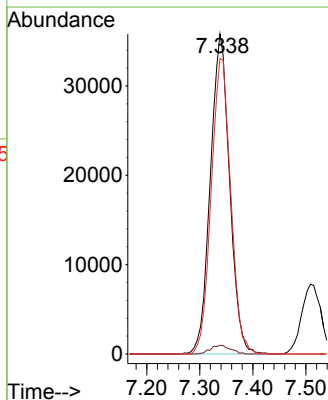
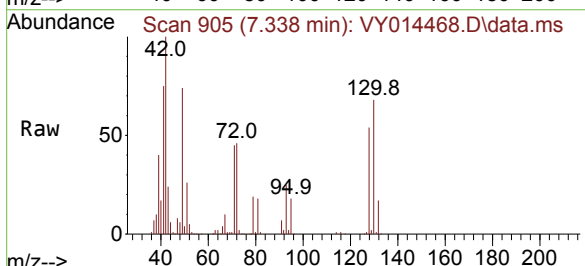
Tgt Ion: 49 Resp: 90246

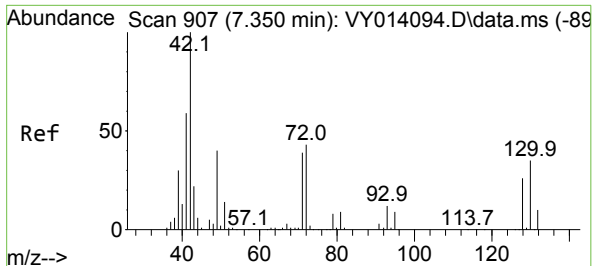
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 93.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 143.383 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

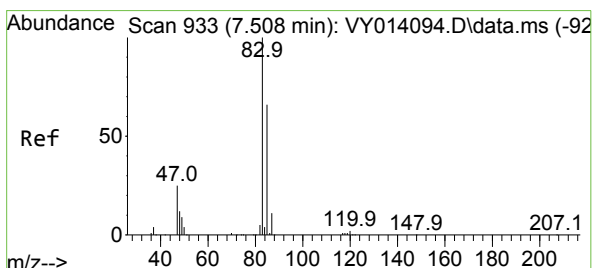
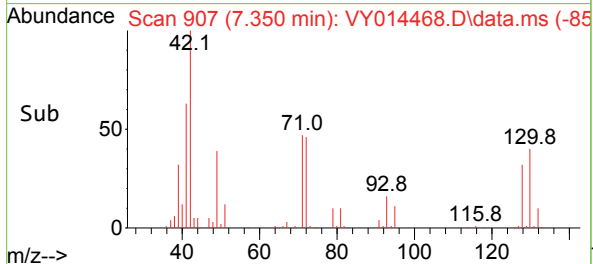
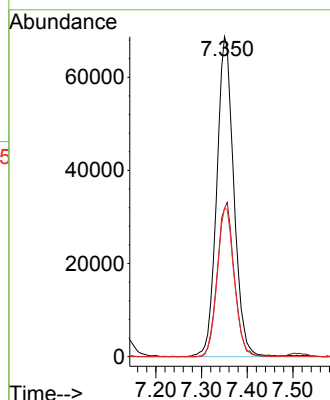
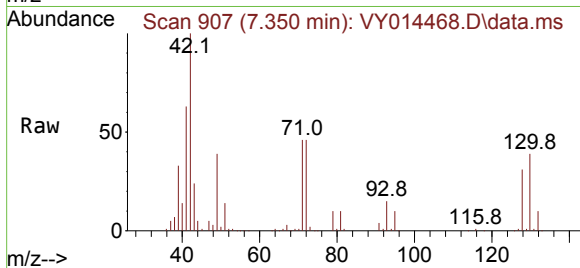
Tgt Ion: 42 Resp: 178706

Ion Ratio Lower Upper

42 100

72 47.9 32.8 49.2

71 46.2 31.0 46.4



#30

Chloroform

Concen: 29.032 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014468.D

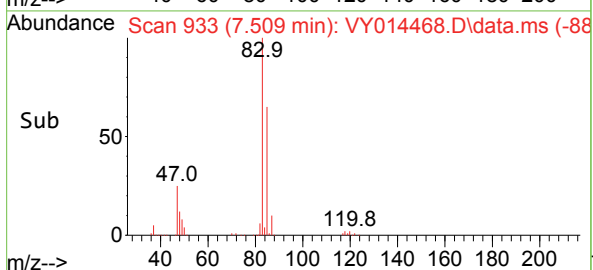
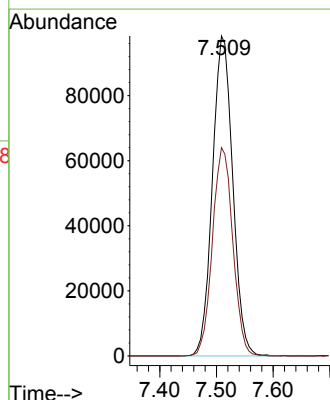
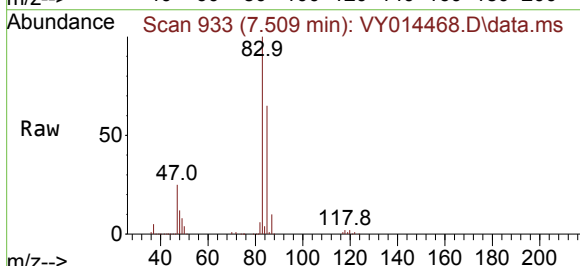
Acq: 27 Jun 2023 19:05

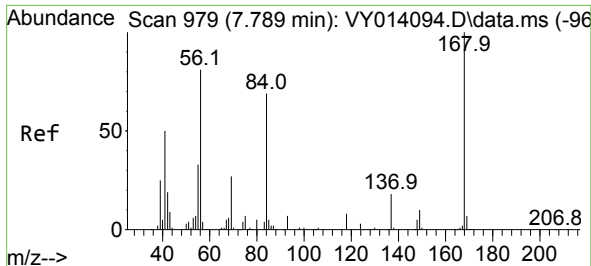
Tgt Ion: 83 Resp: 244254

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5

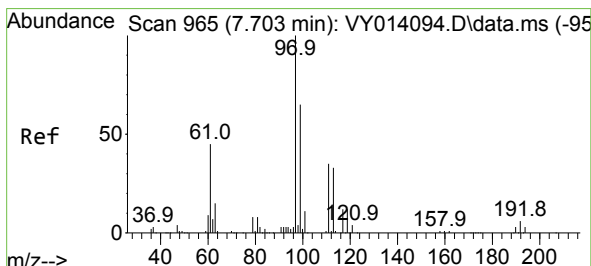
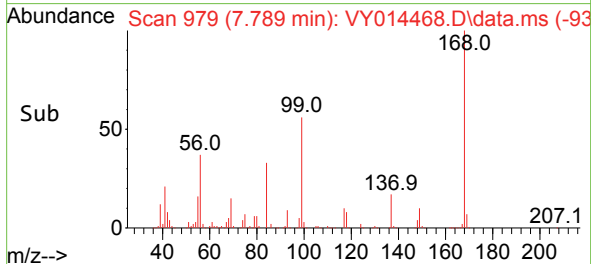
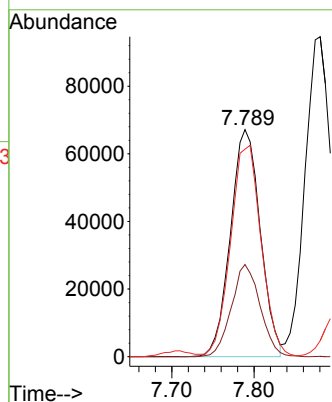
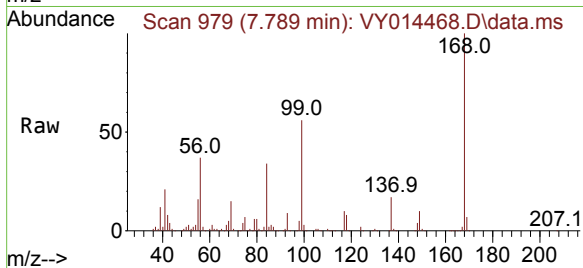




#31
Cyclohexane
Concen: 25.738 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

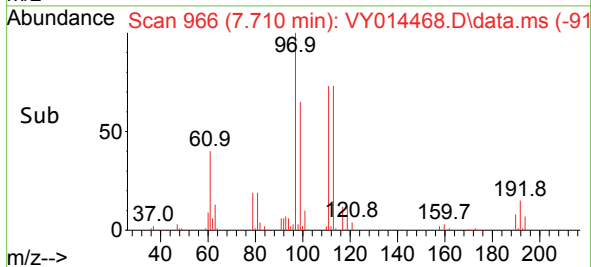
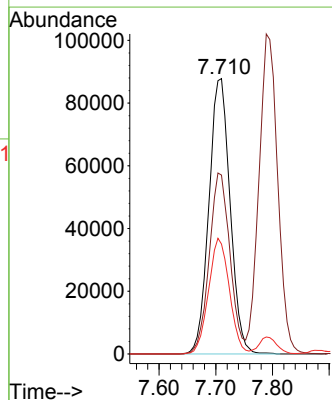
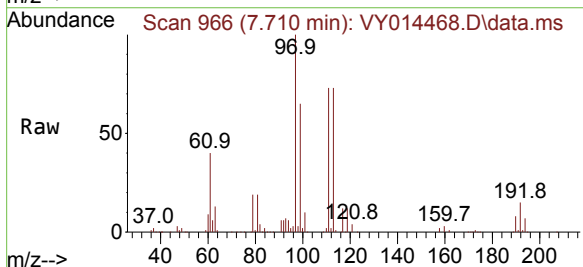
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

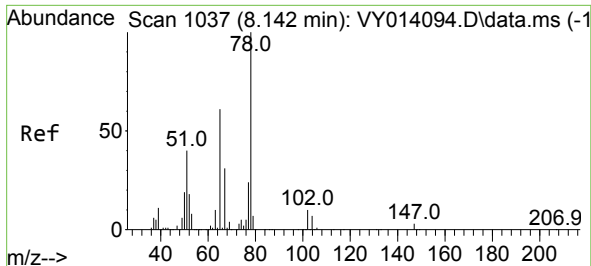
Tgt Ion: 56 Resp: 169550
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.6
84 88.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 28.464 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 97 Resp: 227945
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 41.4 35.1 52.7



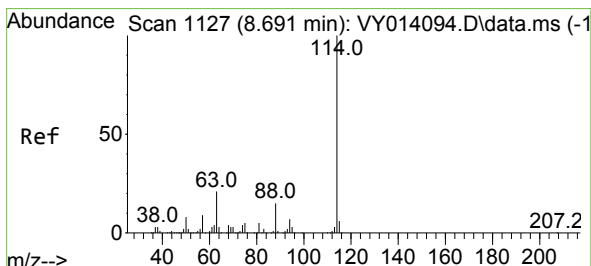
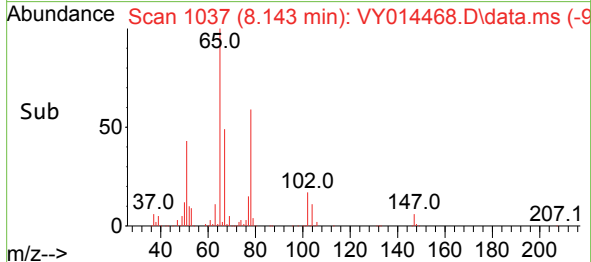
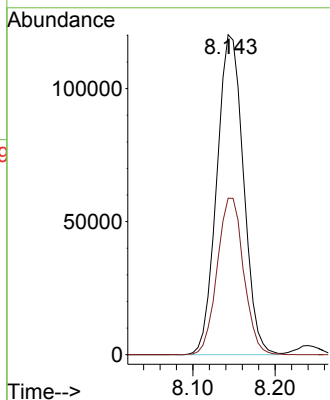
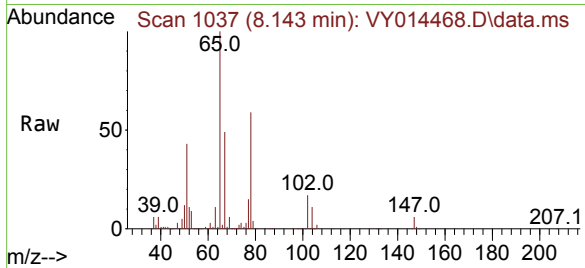


#33
 1,2-Dichloroethane-d4
 Concen: 50.881 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014468.D
 Acq: 27 Jun 2023 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 271359

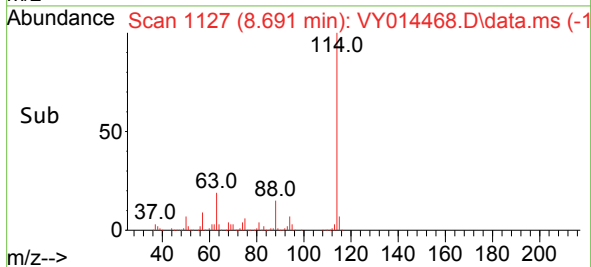
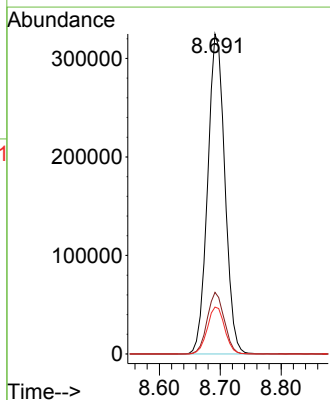
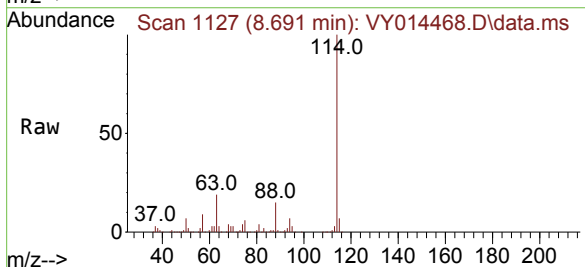
Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	101.8

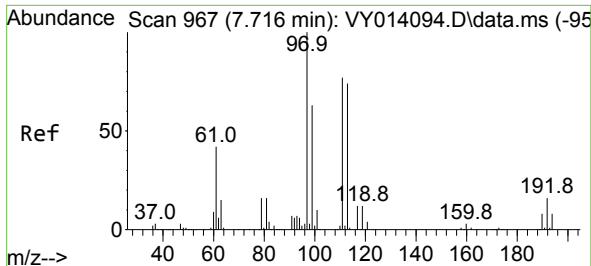


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014468.D
 Acq: 27 Jun 2023 19:05

Tgt Ion: 114 Resp: 636193

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.4
88	14.7	0.0	30.6

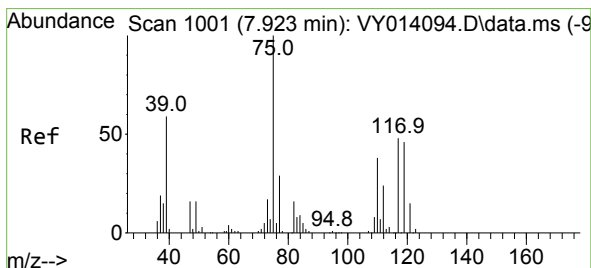
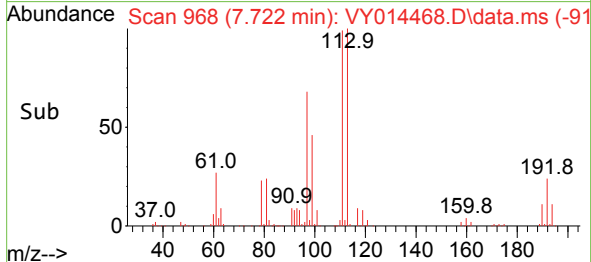
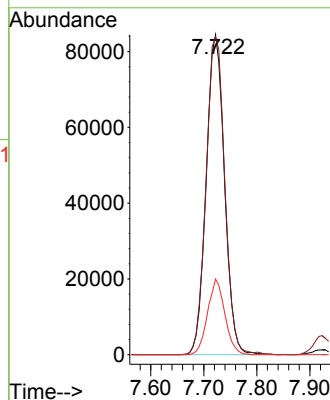
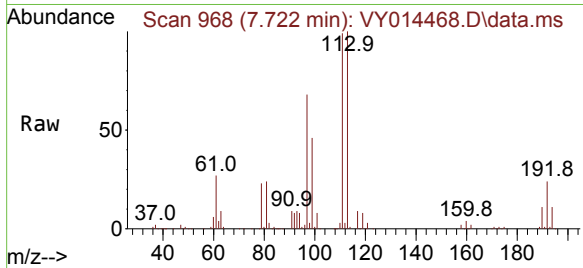




#35
Dibromofluoromethane
Concen: 51.436 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

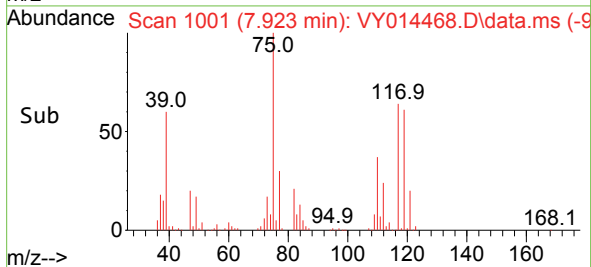
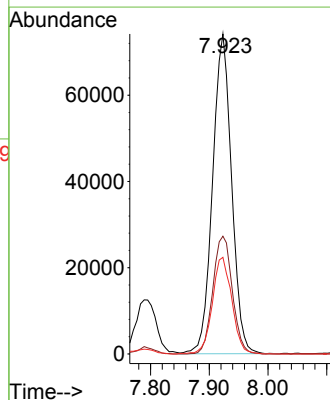
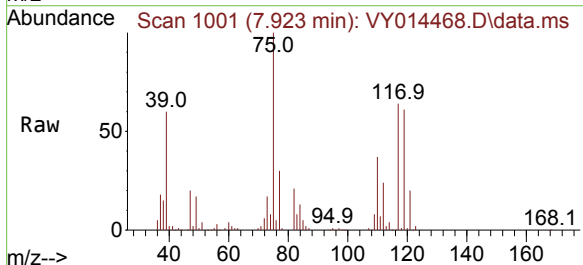
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

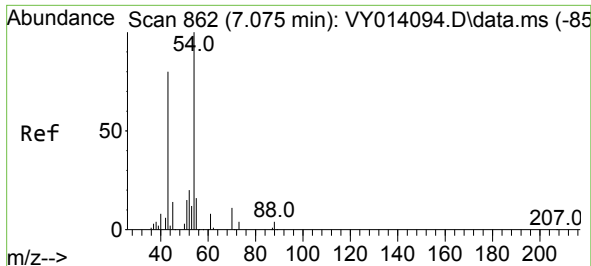
Tgt Ion:113 Resp: 202170
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 22.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 27.494 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 75 Resp: 166530
Ion Ratio Lower Upper
75 100
110 37.7 17.8 53.5
77 31.0 24.4 36.6

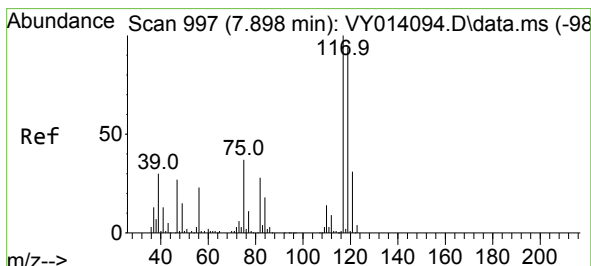
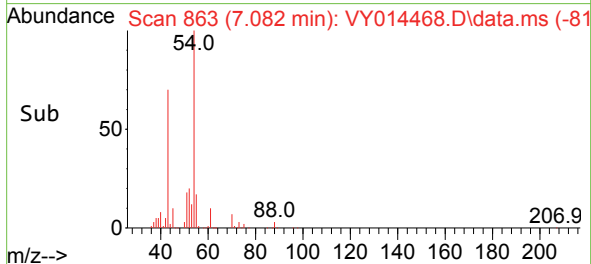
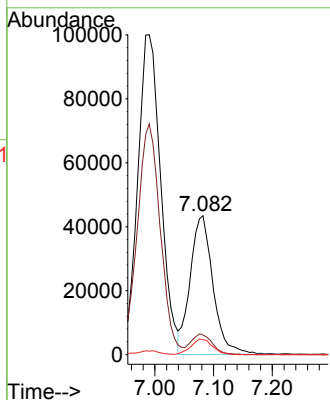
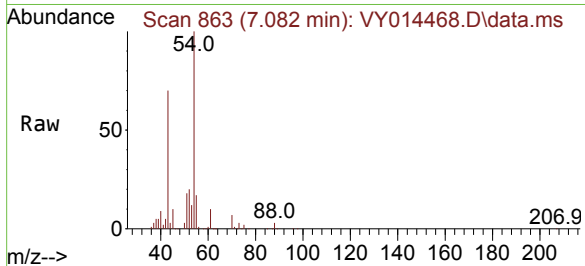




#37
Ethyl Acetate
Concen: 28.072 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.007 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

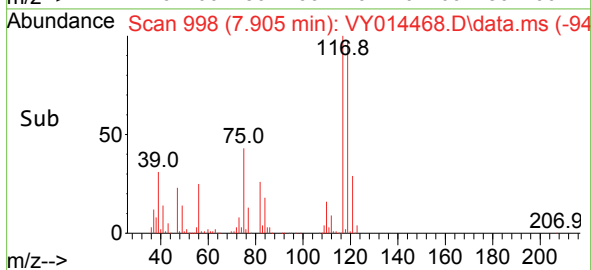
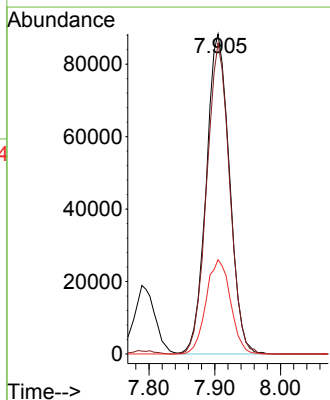
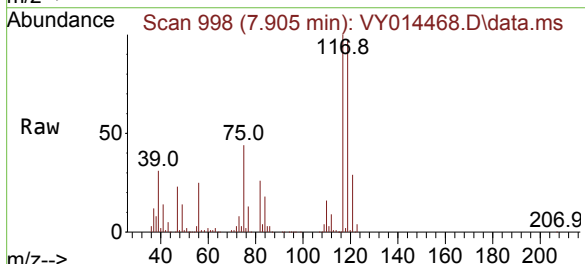
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

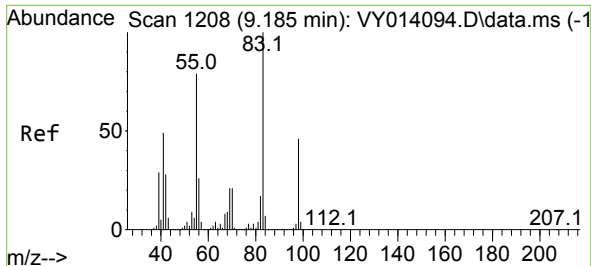
Tgt Ion: 43 Resp: 117181
Ion Ratio Lower Upper
43 100
61 13.7 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 28.482 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 117 Resp: 217092
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6
121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 27.368 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

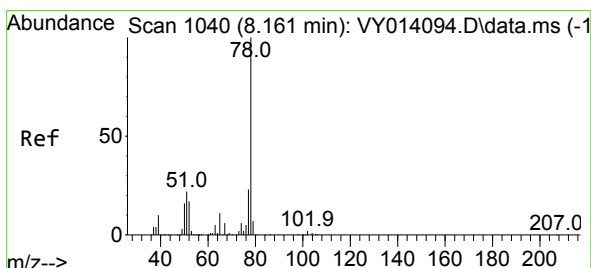
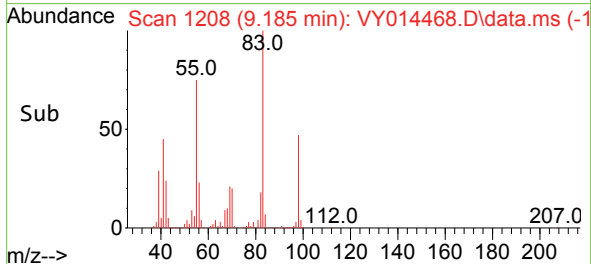
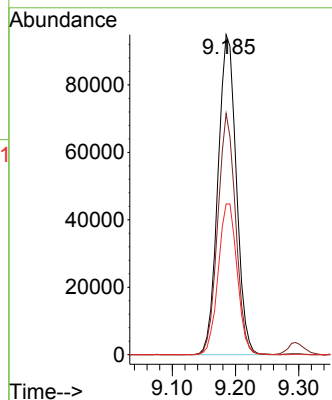
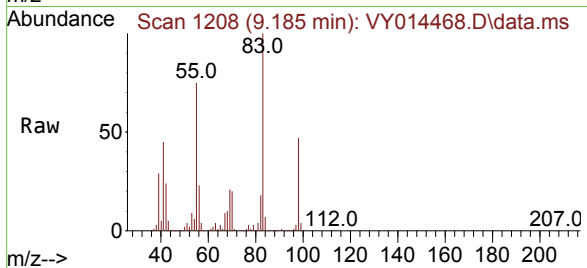
Tgt Ion: 83 Resp: 190713

Ion Ratio Lower Upper

83 100

55 75.3 63.0 94.4

98 47.1 37.4 56.2



#40

Benzene

Concen: 28.825 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014468.D

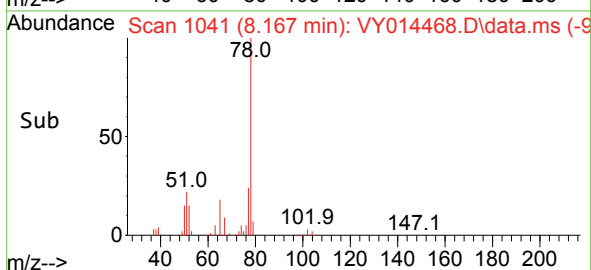
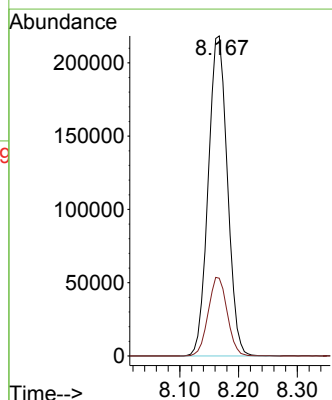
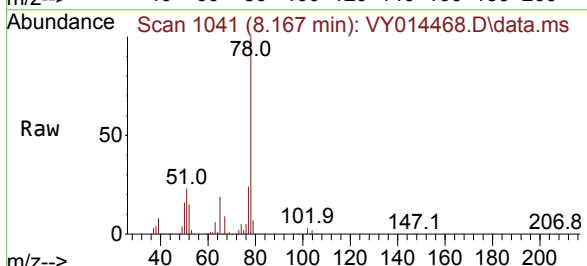
Acq: 27 Jun 2023 19:05

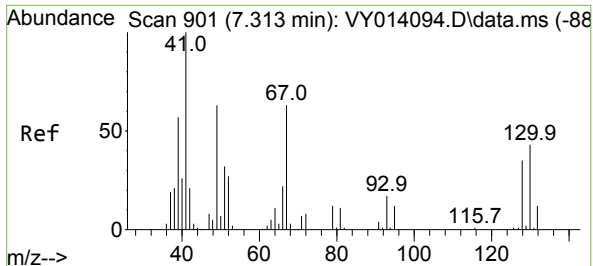
Tgt Ion: 78 Resp: 494490

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

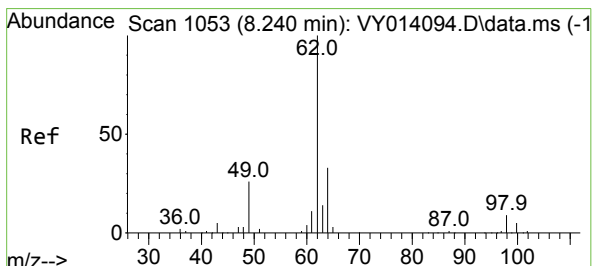
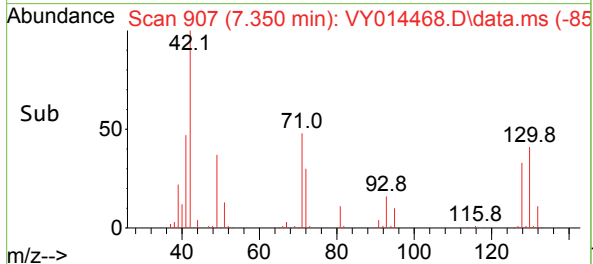
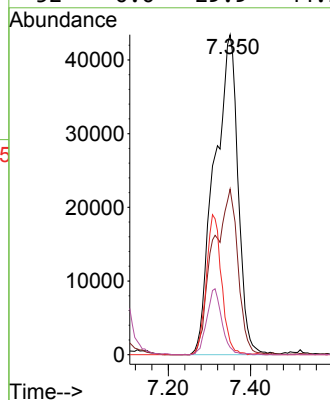
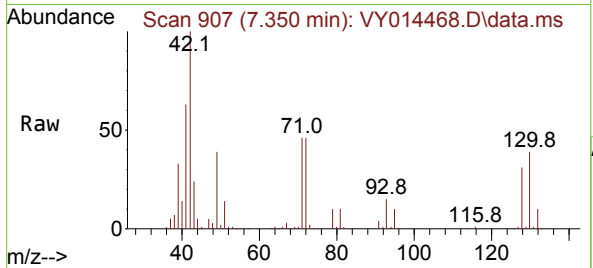




#41
Methacrylonitrile
Concen: 83.544 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

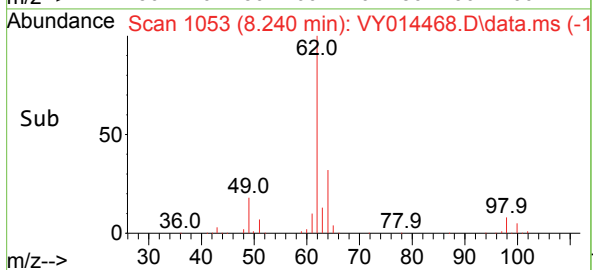
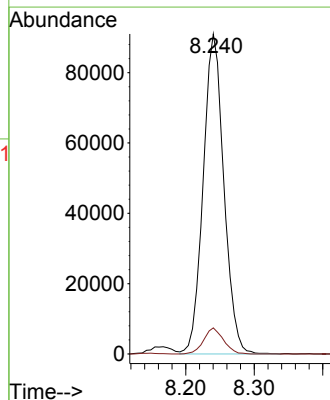
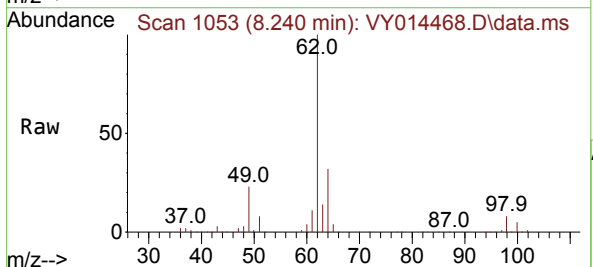
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

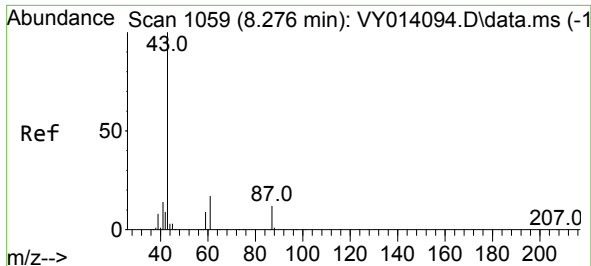
Tgt Ion: 41 Resp: 172827
Ion Ratio Lower Upper
41 100
39 54.3 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 29.407 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 62 Resp: 191266
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8

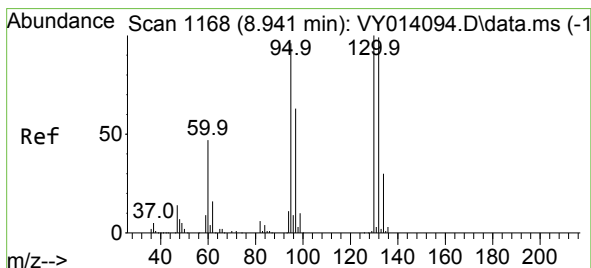
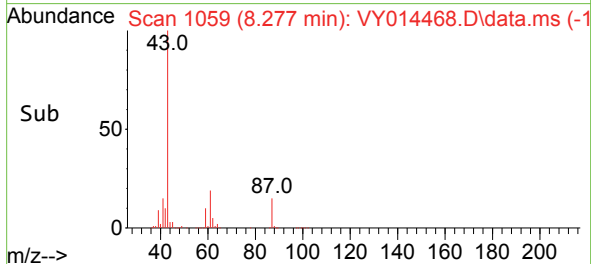
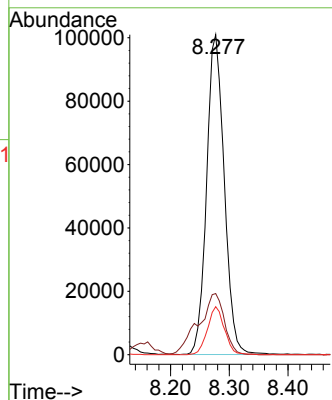
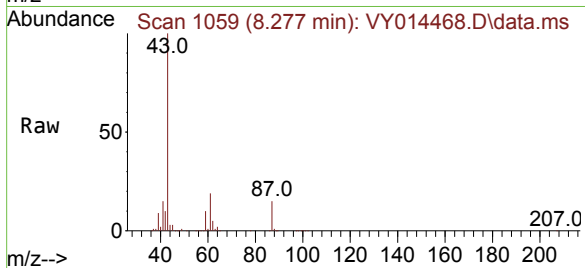




#43
Isopropyl Acetate
Concen: 28.527 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

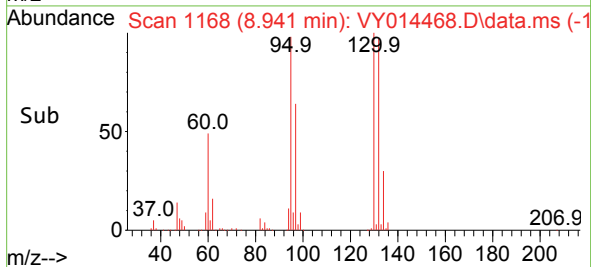
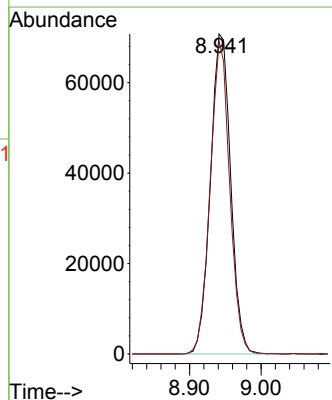
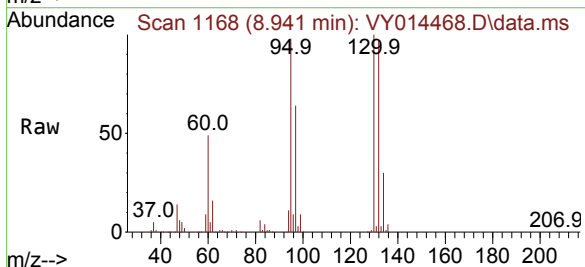
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

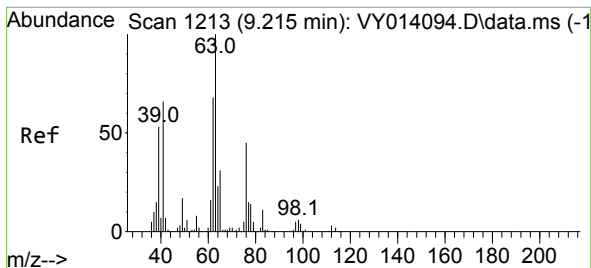
Tgt Ion: 43 Resp: 210267
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 28.267 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion:130 Resp: 139224
Ion Ratio Lower Upper
130 100
95 97.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 28.182 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

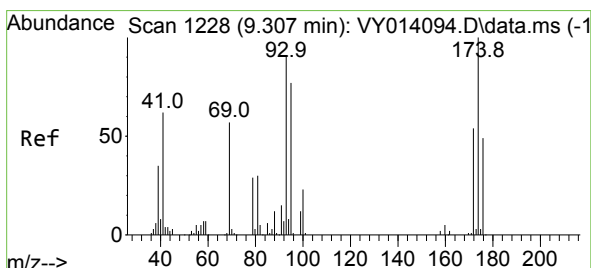
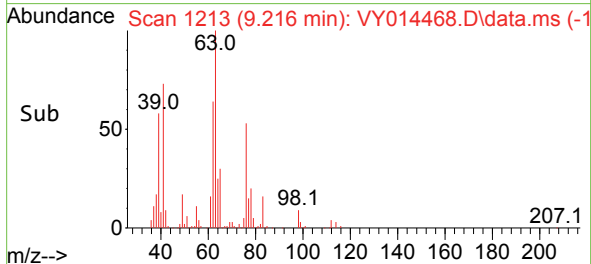
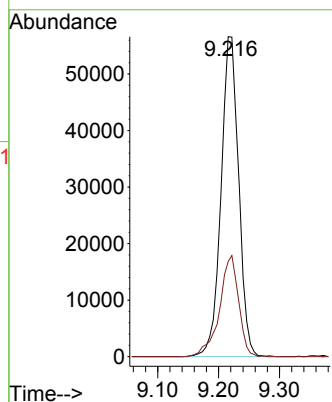
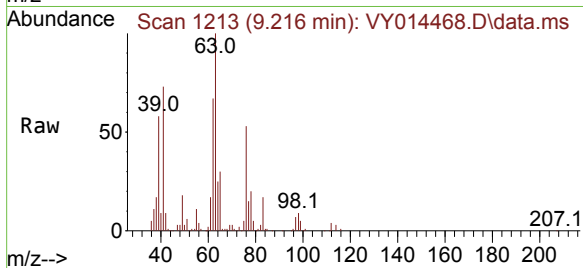
VSTDCCC050EC

Tgt Ion: 63 Resp: 113993

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 29.304 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

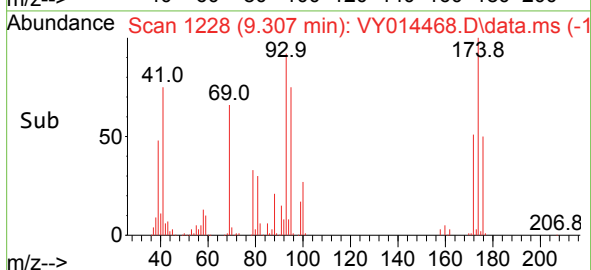
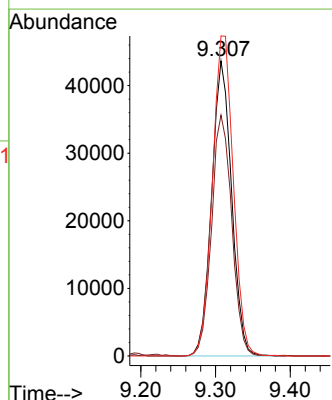
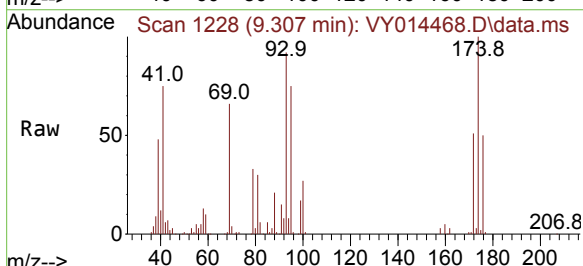
Tgt Ion: 93 Resp: 81001

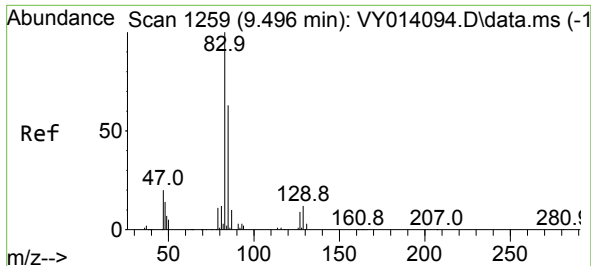
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 113.8 84.8 127.2

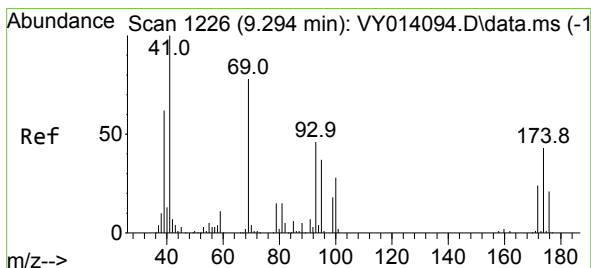
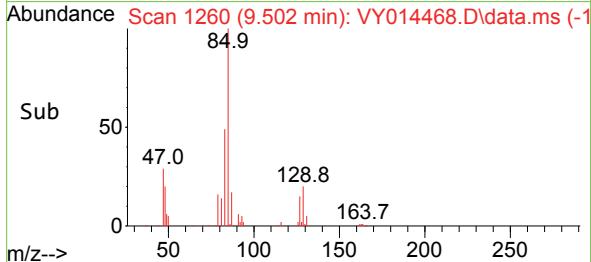
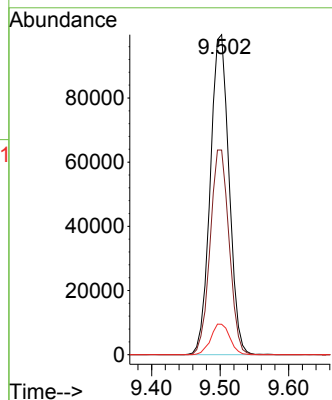
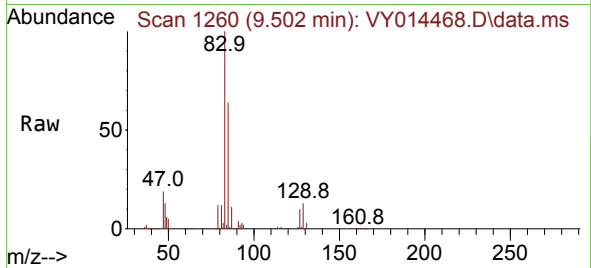




#47
Bromodichloromethane
Concen: 29.459 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

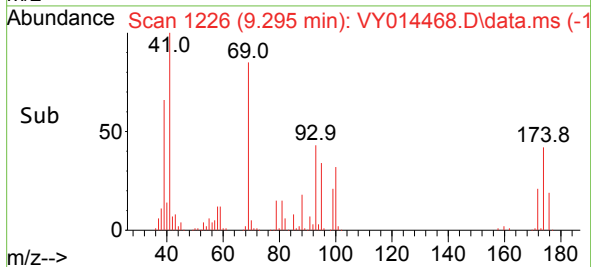
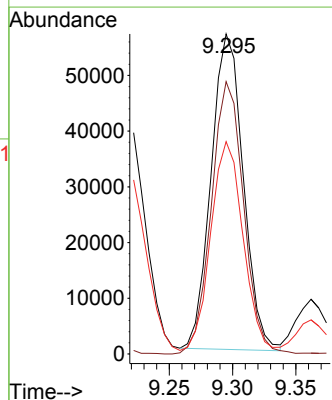
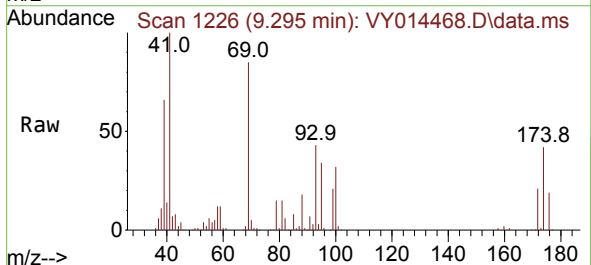
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

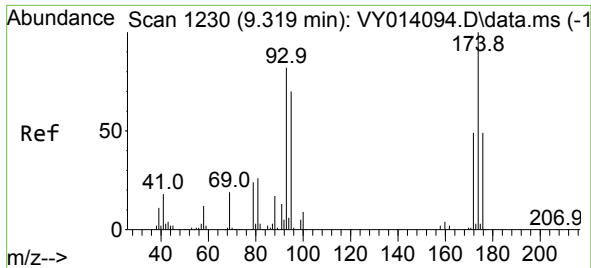
Tgt Ion: 83 Resp: 189792
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 29.208 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 41 Resp: 99989
Ion Ratio Lower Upper
41 100
69 86.8 64.5 96.7
39 68.6 50.8 76.2

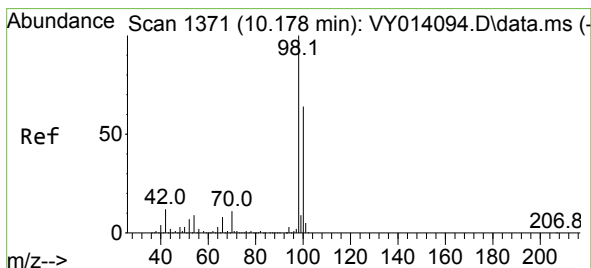
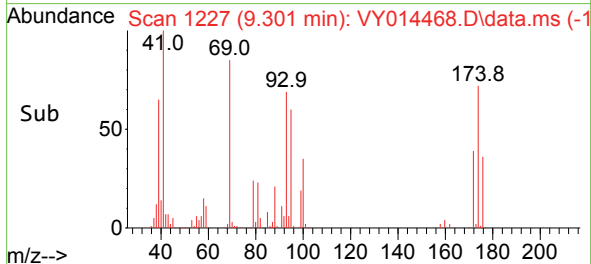
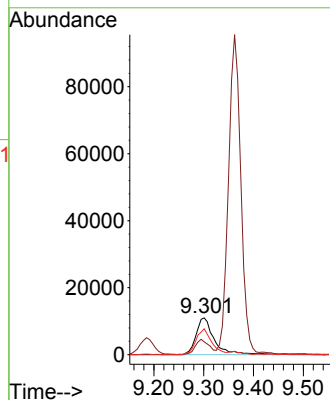
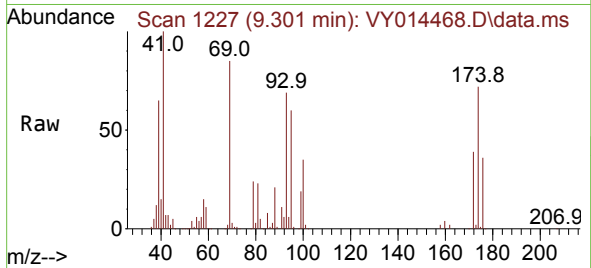




#49
1,4-Dioxane
Concen: 646.264 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

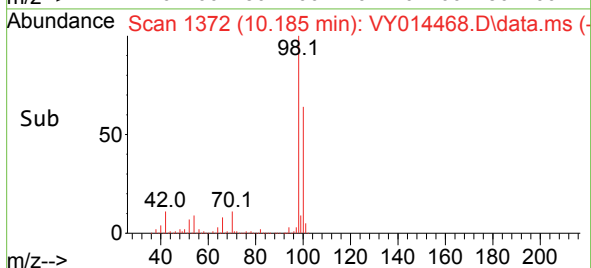
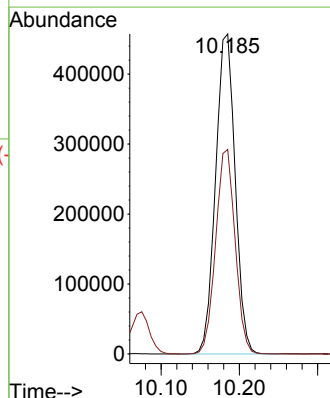
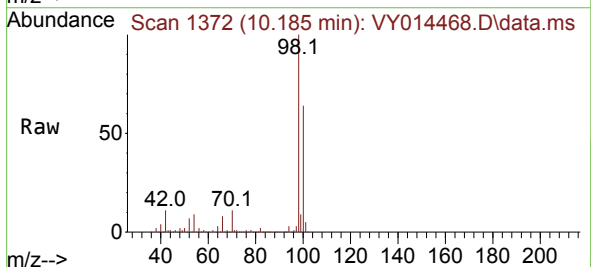
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

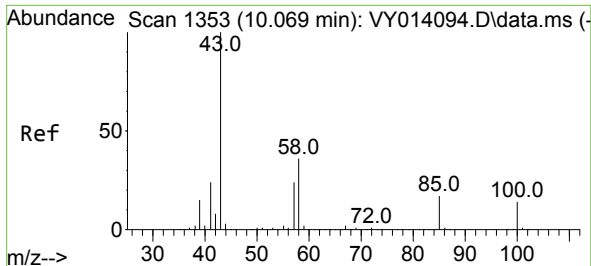
Tgt Ion: 88 Resp: 27932
Ion Ratio Lower Upper
88 100
43 31.5 0.0 0.0#
58 60.0 30.9 46.3#



#50
Toluene-d8
Concen: 50.876 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 98 Resp: 794907
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

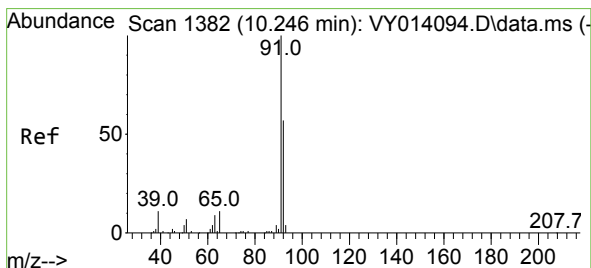
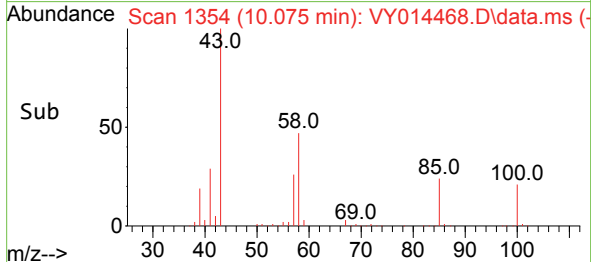
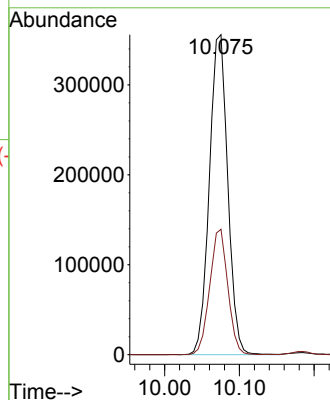
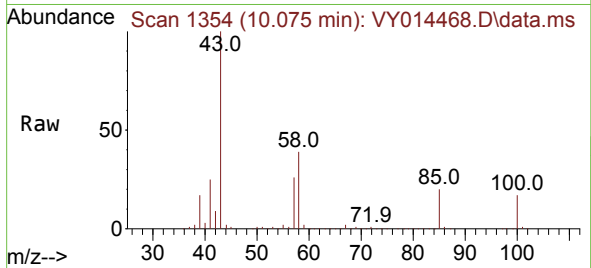




#51
4-Methyl-2-Pentanone
Concen: 146.025 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

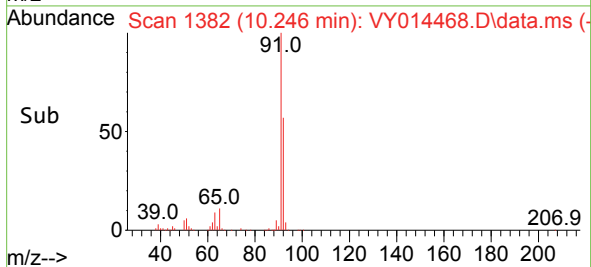
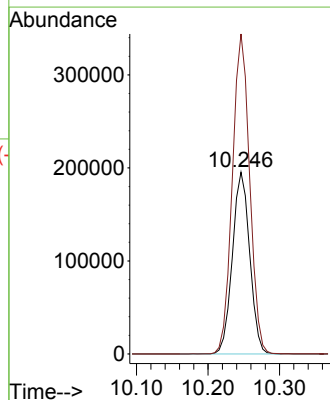
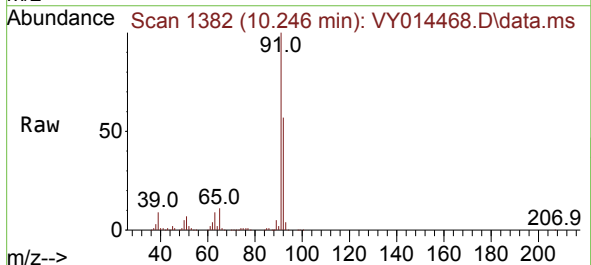
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

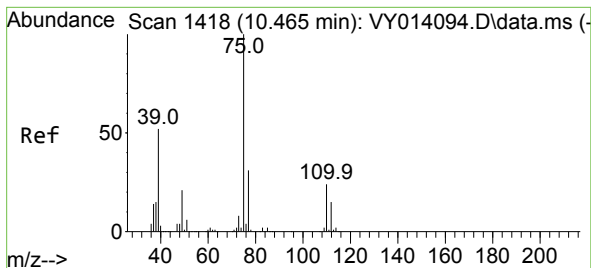
Tgt Ion: 43 Resp: 607459
Ion Ratio Lower Upper
43 100
58 38.6 29.0 43.6



#52
Toluene
Concen: 29.737 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 92 Resp: 328239
Ion Ratio Lower Upper
92 100
91 176.1 143.8 215.6

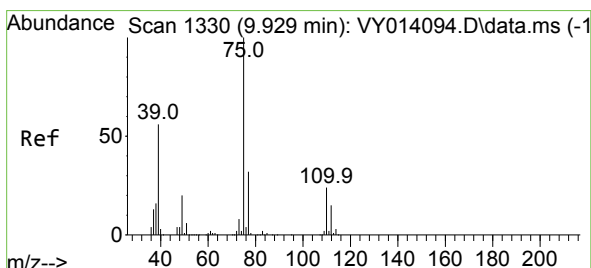
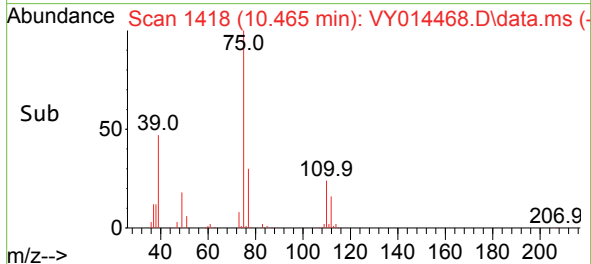
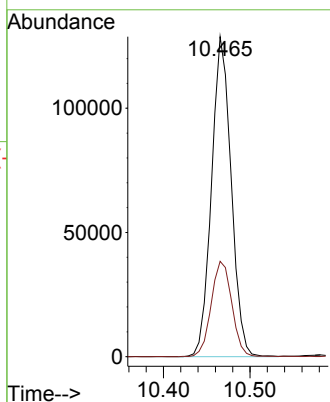
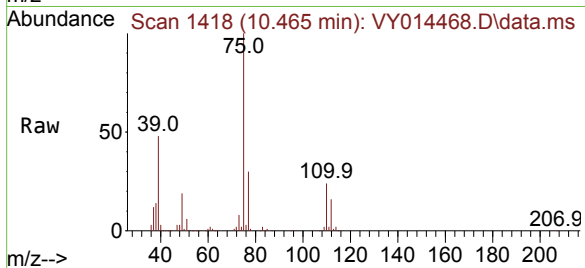




#53
t-1,3-Dichloropropene
Concen: 29.070 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

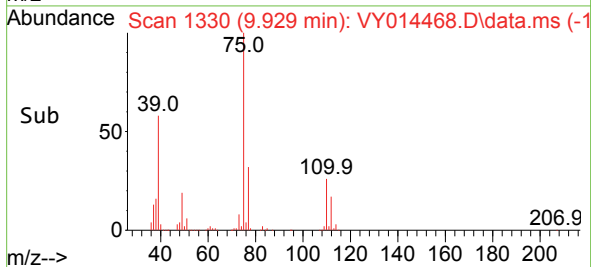
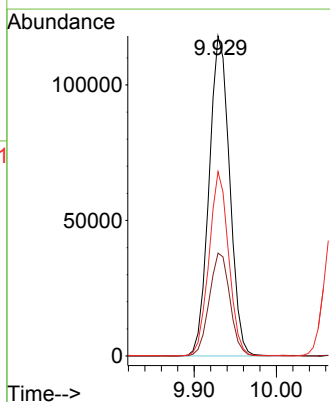
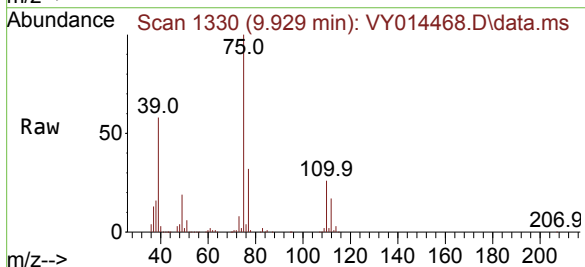
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

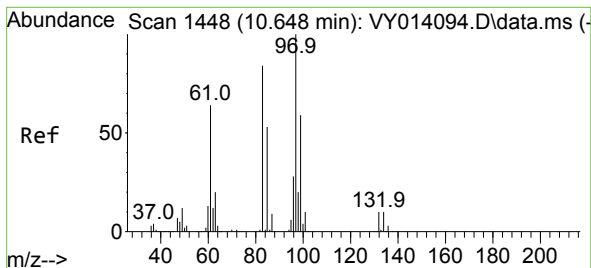
Tgt Ion: 75 Resp: 203055
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 28.457 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 75 Resp: 205025
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 57.5 42.2 63.4

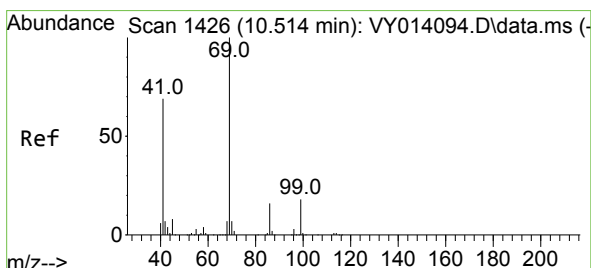
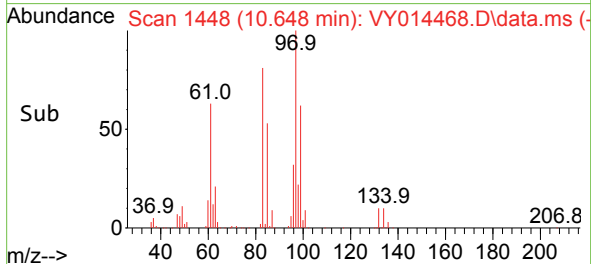
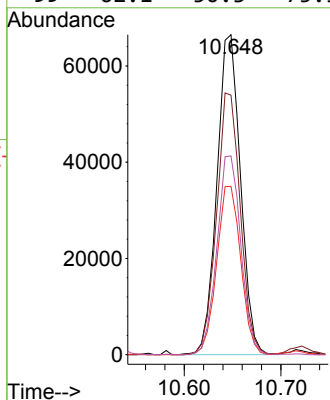
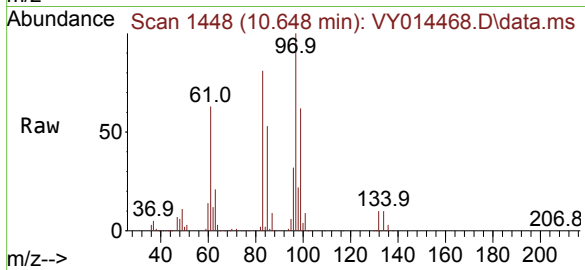




#55
1,1,2-Trichloroethane
Concen: 30.394 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

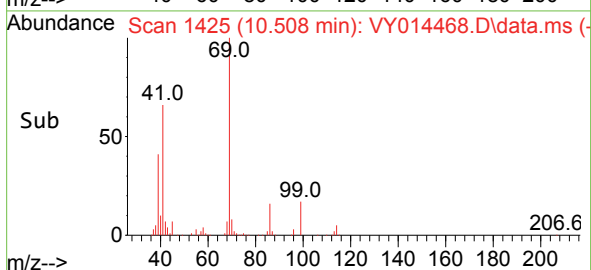
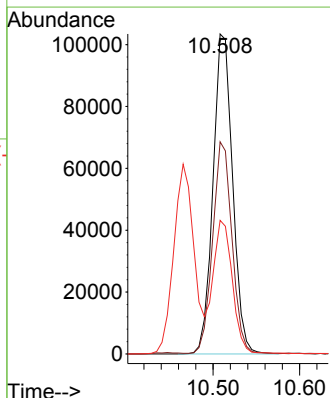
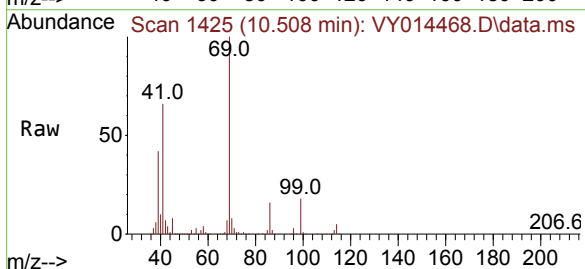
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

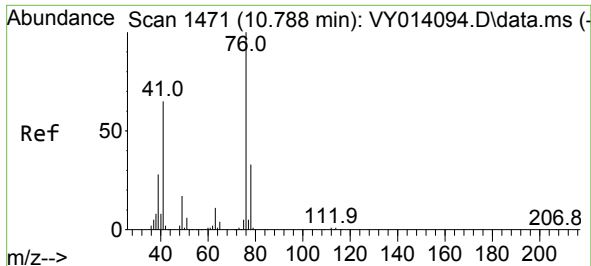
Tgt Ion:	97	Resp:	112499
Ion	Ratio	Lower	Upper
97	100		
83	81.1	72.0	108.0
85	52.6	45.4	68.0
99	62.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 30.726 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion:	69	Resp:	162421
Ion	Ratio	Lower	Upper
69	100		
41	65.1	57.6	86.4
39	41.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 29.700 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

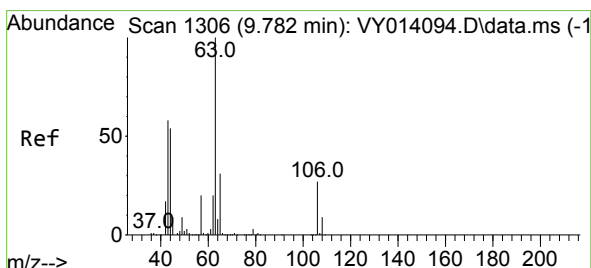
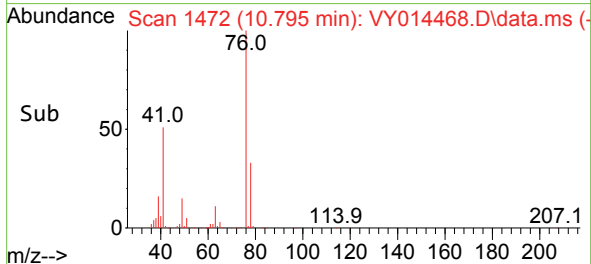
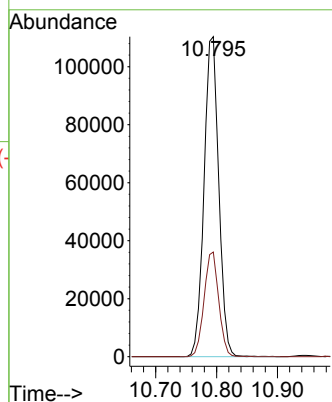
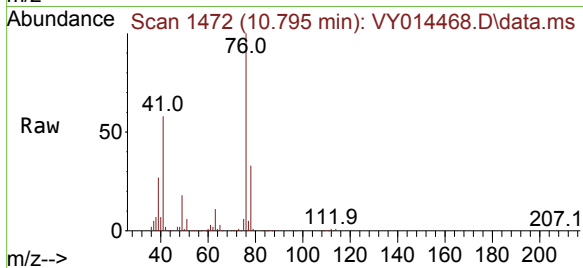
VSTDCCC050EC

Tgt Ion: 76 Resp: 184903

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 144.968 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014468.D

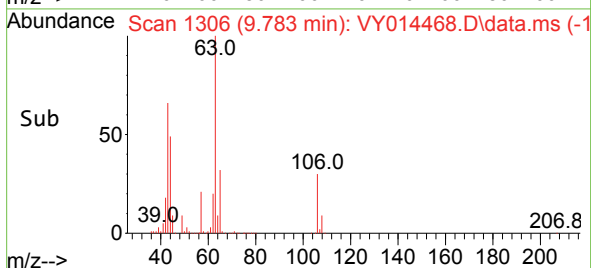
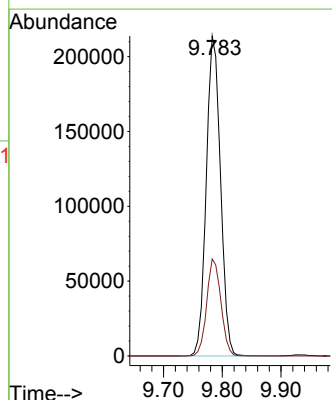
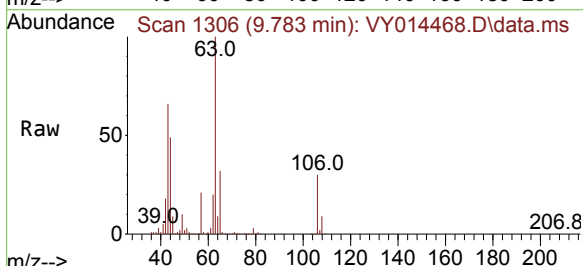
Acq: 27 Jun 2023 19:05

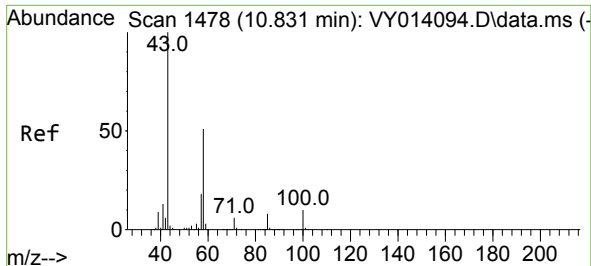
Tgt Ion: 63 Resp: 358960

Ion Ratio Lower Upper

63 100

106 30.3 21.2 31.8

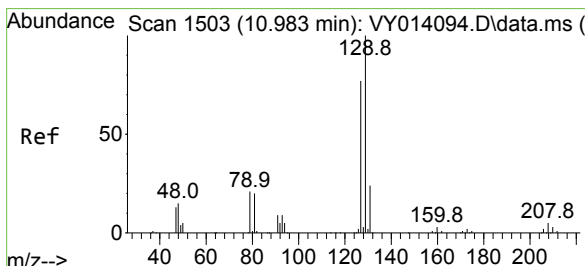
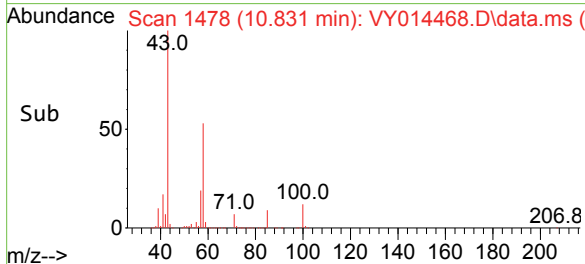
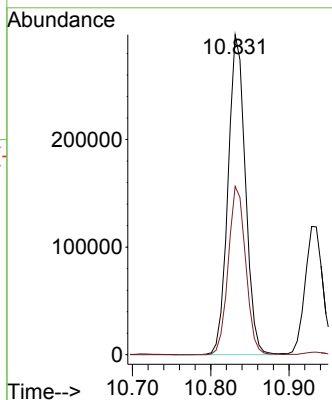
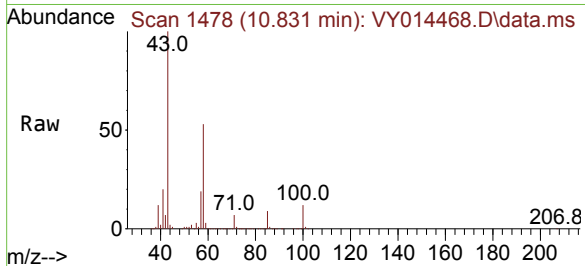




#59
2-Hexanone
Concen: 145.755 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

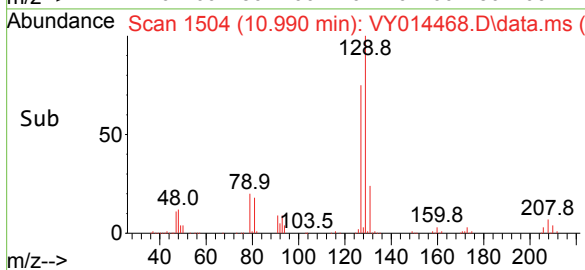
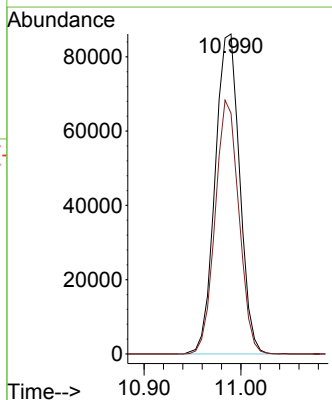
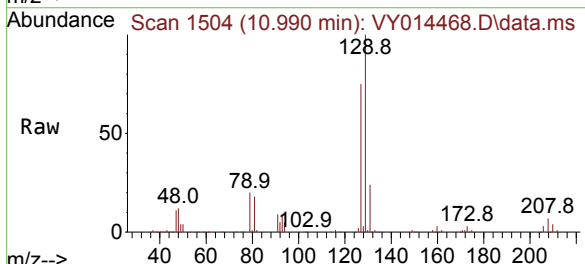
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

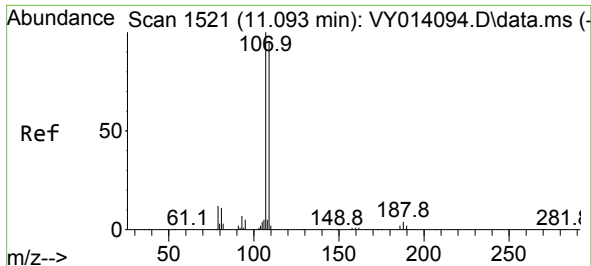
Tgt Ion: 43 Resp: 456896
Ion Ratio Lower Upper
43 100
58 52.8 25.1 75.3



#60
Dibromochloromethane
Concen: 30.821 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 129 Resp: 151334
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

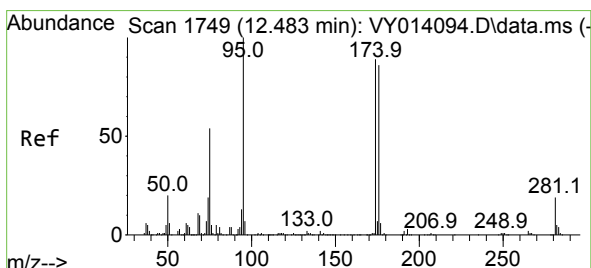
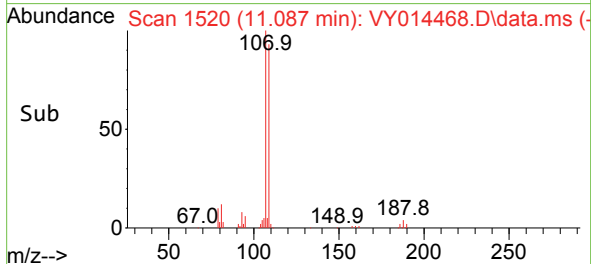
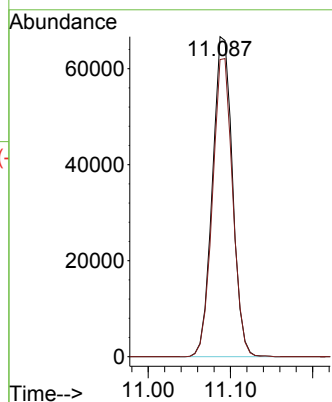
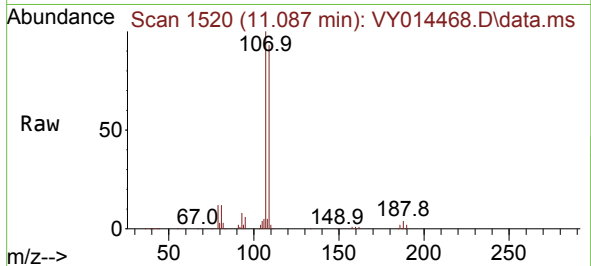




#61
1,2-Dibromoethane
Concen: 30.636 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

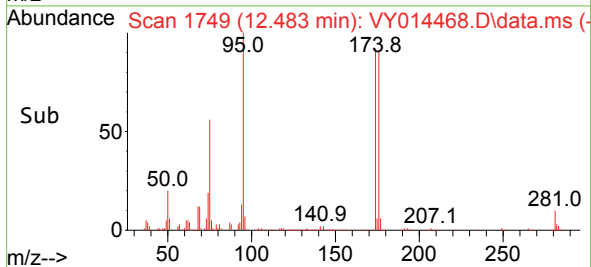
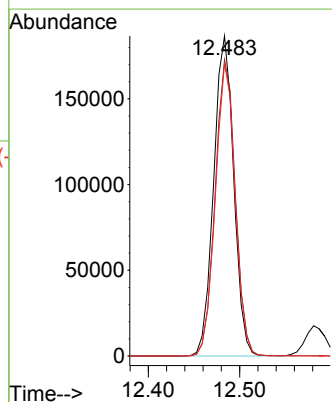
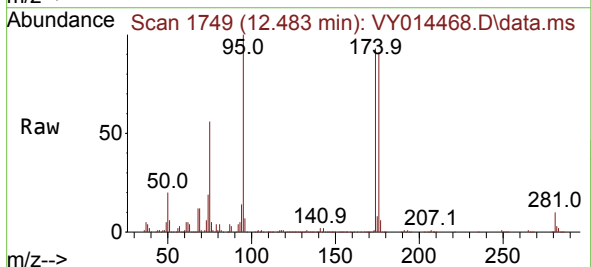
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

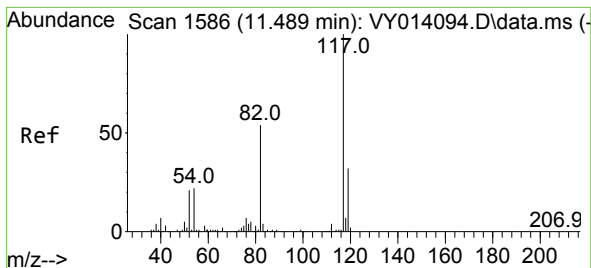
Tgt Ion:107 Resp: 112904
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 95 Resp: 283740
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.2
176 90.4 0.0 173.8

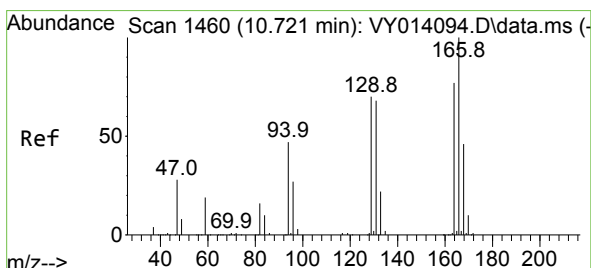
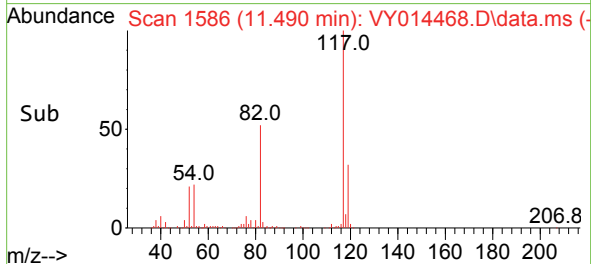
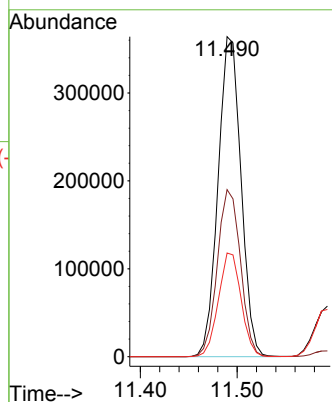
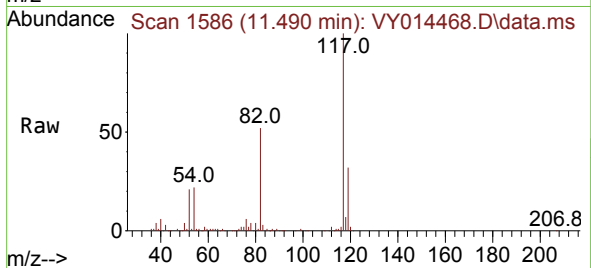




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

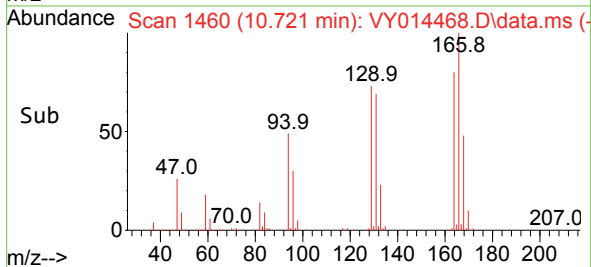
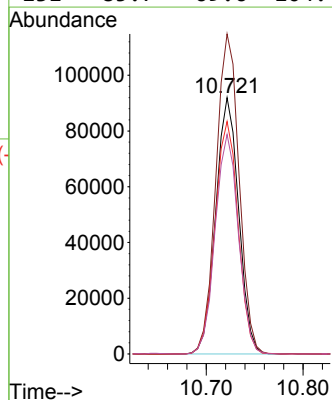
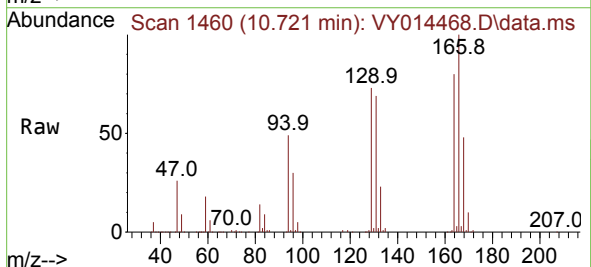
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

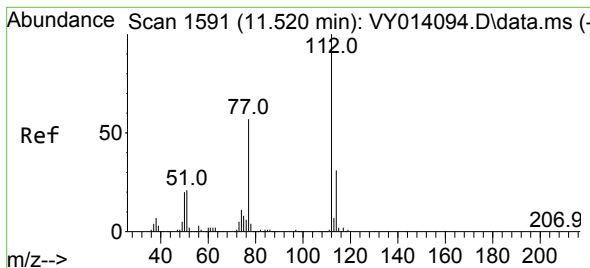
Tgt Ion:117 Resp: 598508
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 29.744 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion:164 Resp: 151489
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 90.7 77.2 115.8
131 85.7 69.6 104.4

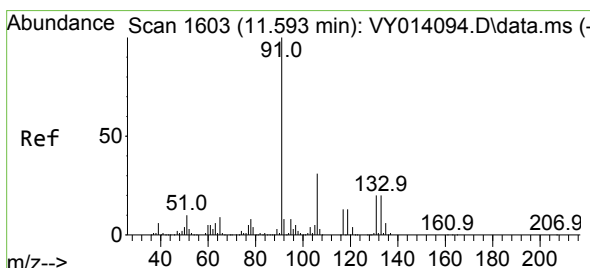
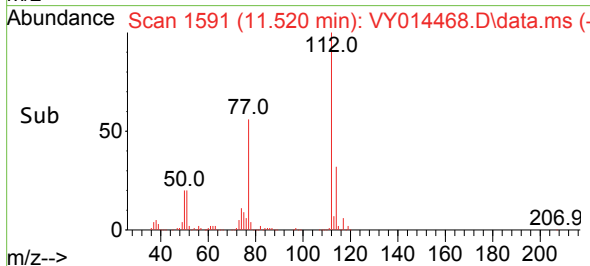
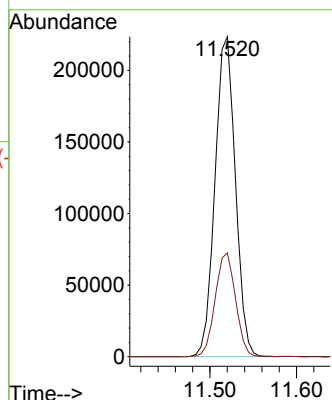
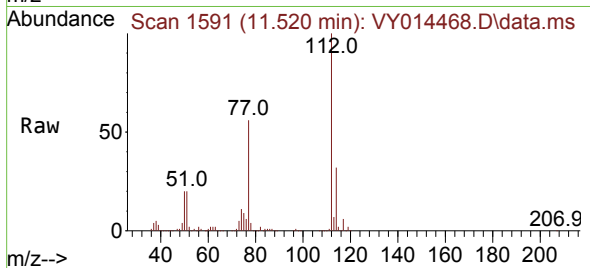




#65
Chlorobenzene
Concen: 29.695 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

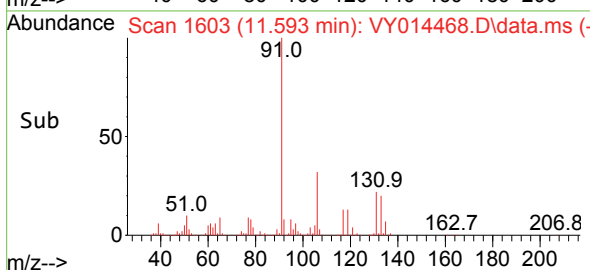
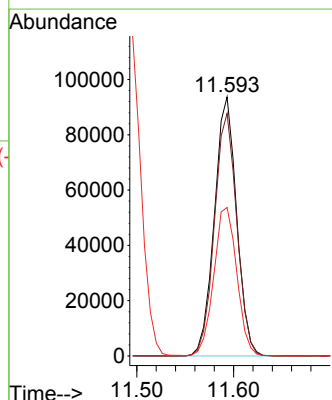
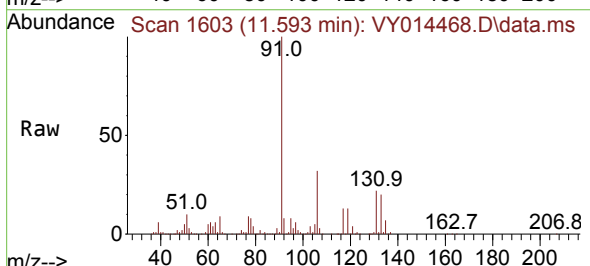
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

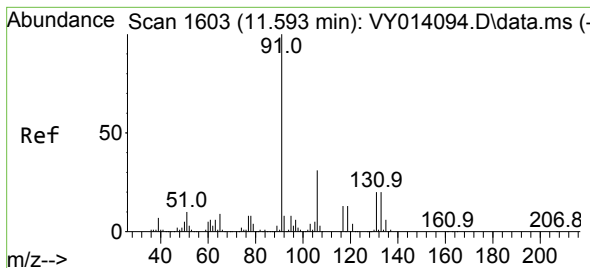
Tgt Ion:112 Resp: 365128
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 30.203 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion:131 Resp: 149595
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 59.4 31.6 94.7





#67

Ethyl Benzene

Concen: 29.248 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

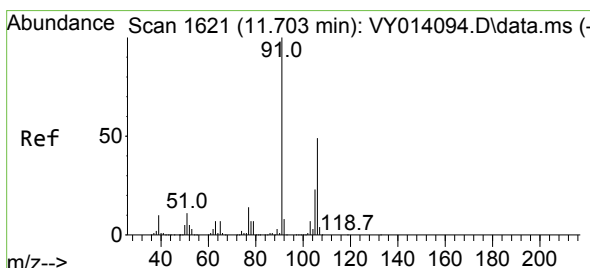
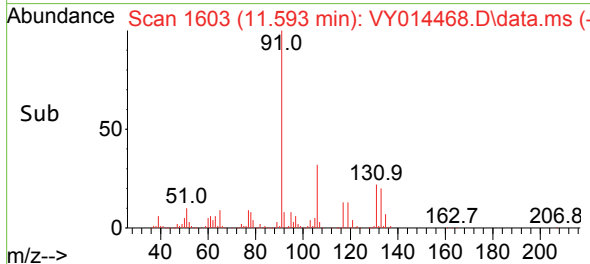
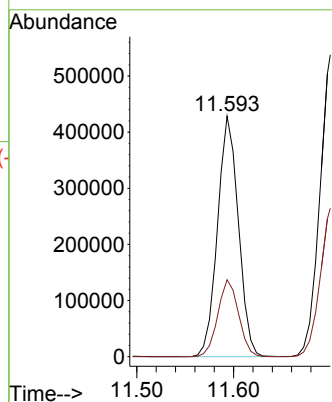
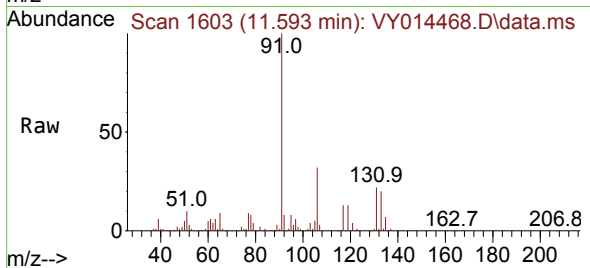
VSTDCCC050EC

Tgt Ion: 91 Resp: 640404

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 59.088 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY014468.D

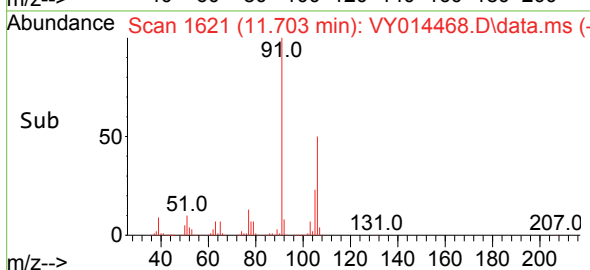
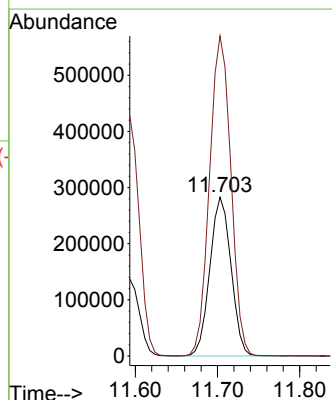
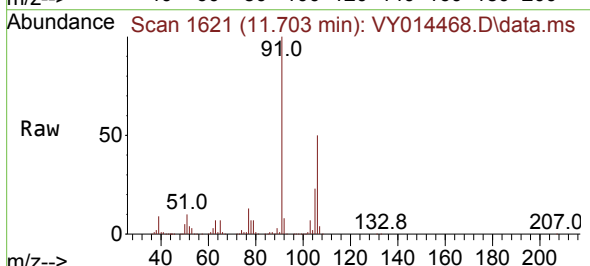
Acq: 27 Jun 2023 19:05

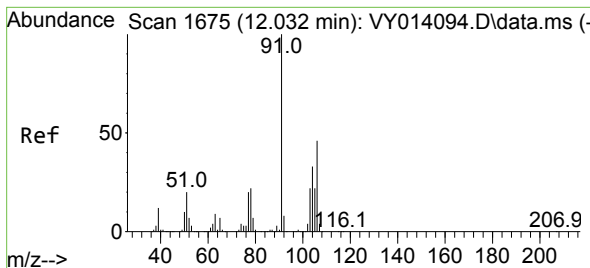
Tgt Ion: 106 Resp: 505308

Ion Ratio Lower Upper

106 100

91 203.7 166.1 249.1

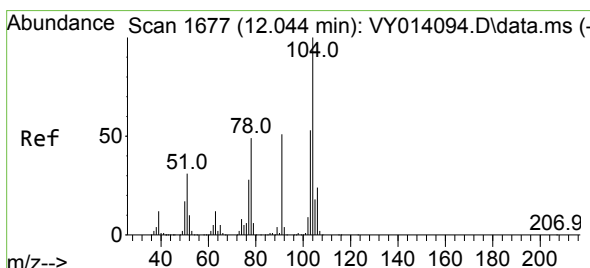
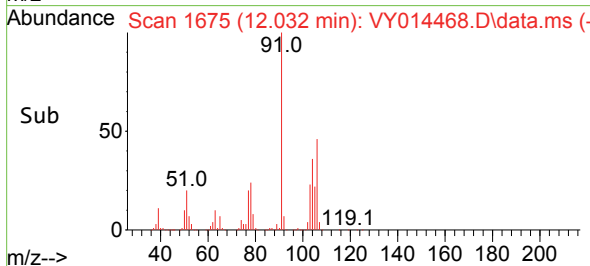
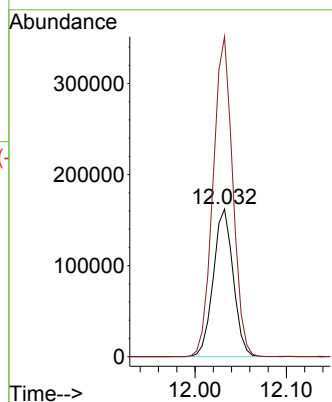
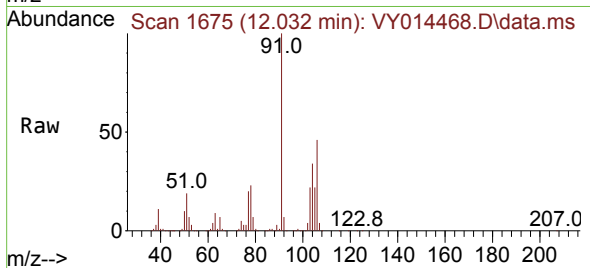




#69
o-Xylene
Concen: 30.086 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

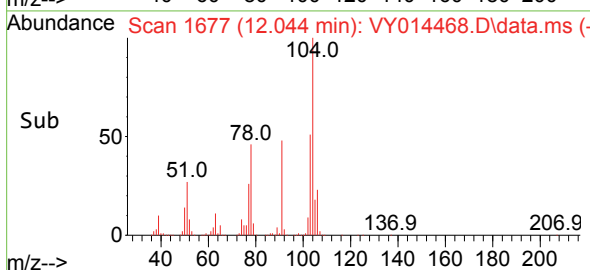
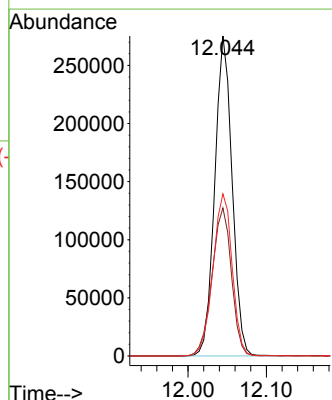
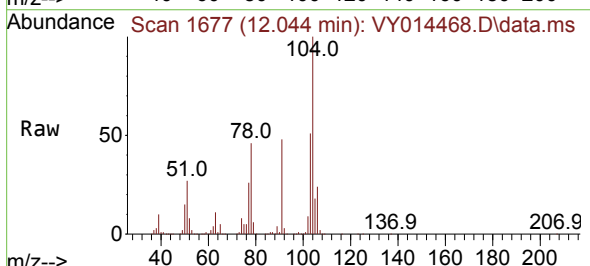
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

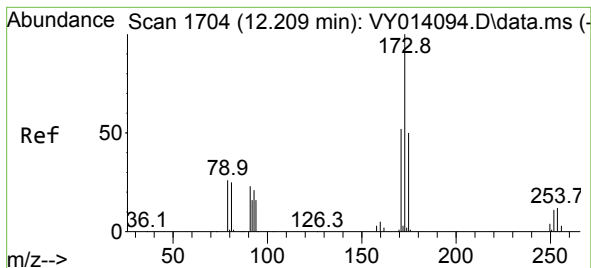
Tgt Ion:106 Resp: 244820
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3



#70
Styrene
Concen: 30.433 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion:104 Resp: 424441
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 56.1 44.6 67.0





#71

Bromoform

Concen: 30.618 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

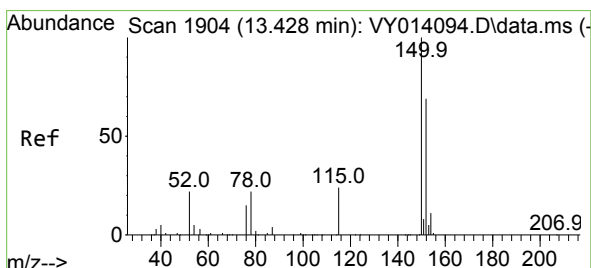
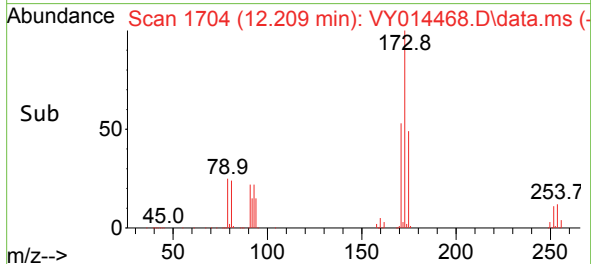
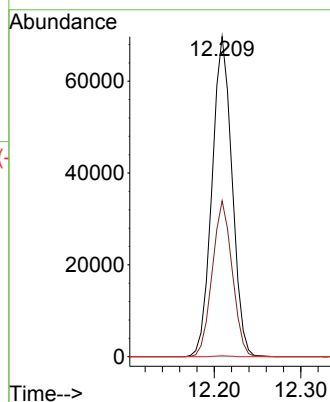
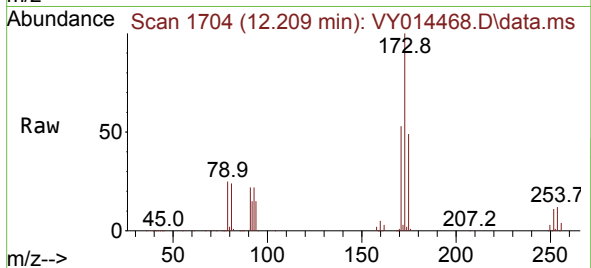
Tgt Ion:173 Resp: 112080

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

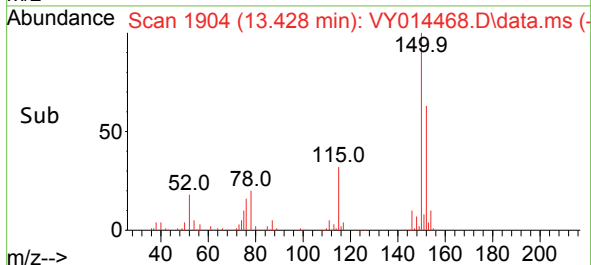
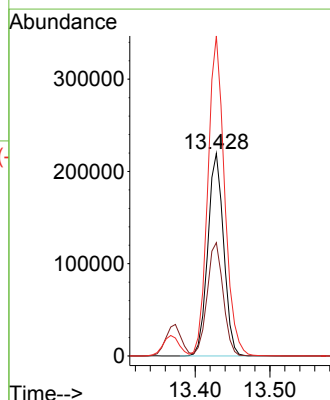
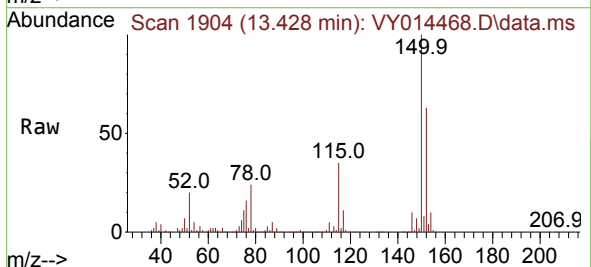
Tgt Ion:152 Resp: 323524

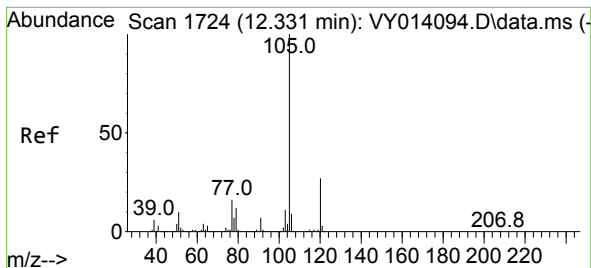
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 166.7 0.0 348.8





#73

Isopropylbenzene

Concen: 29.283 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

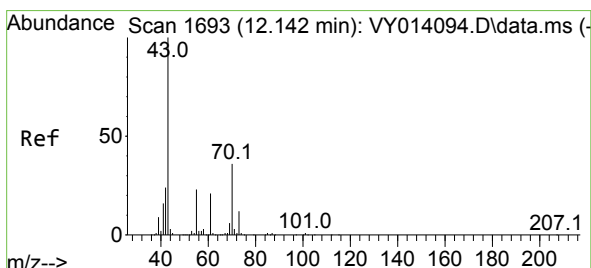
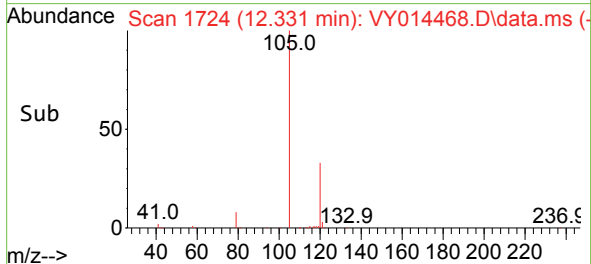
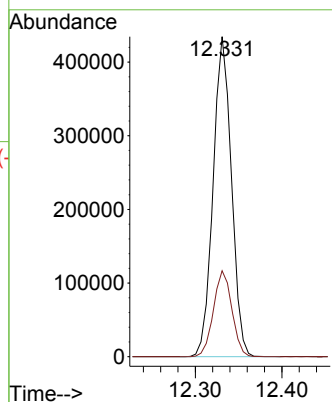
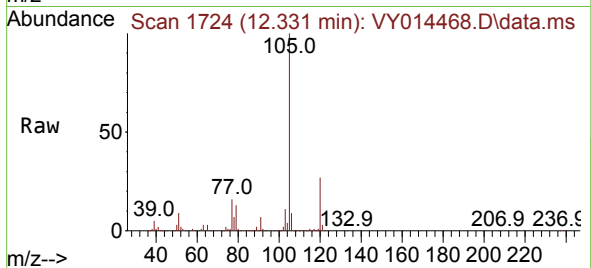
VSTDCCC050EC

Tgt Ion:105 Resp: 637924

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 29.194 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Tgt Ion: 43 Resp: 201414

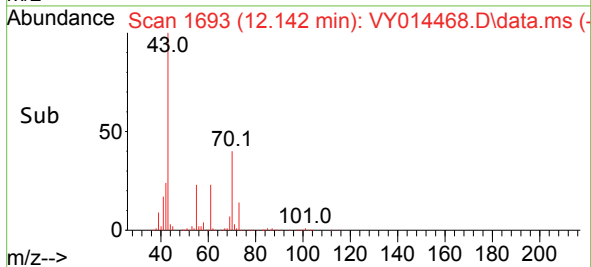
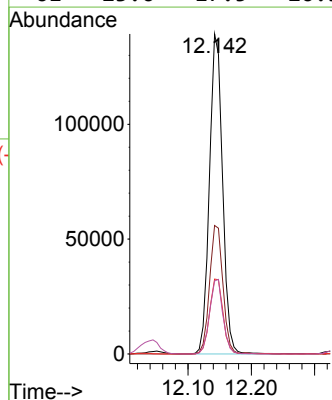
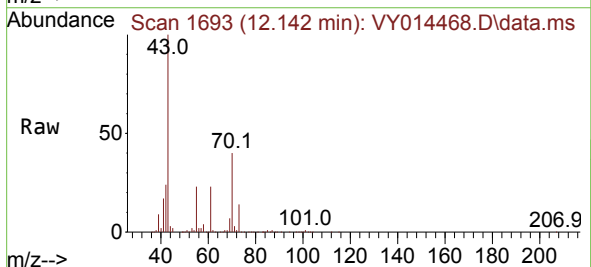
Ion Ratio Lower Upper

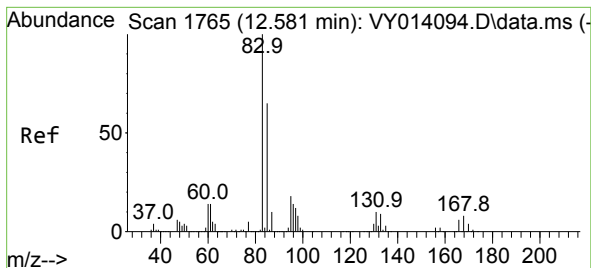
43 100

70 40.9 29.7 44.5

55 23.9 18.3 27.5

61 23.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 30.003 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

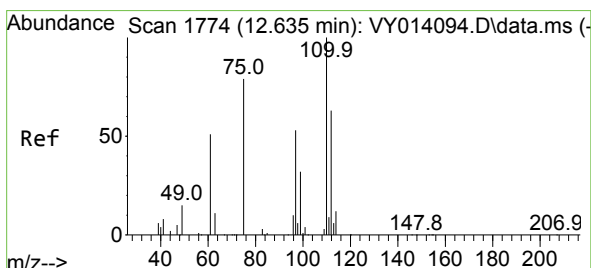
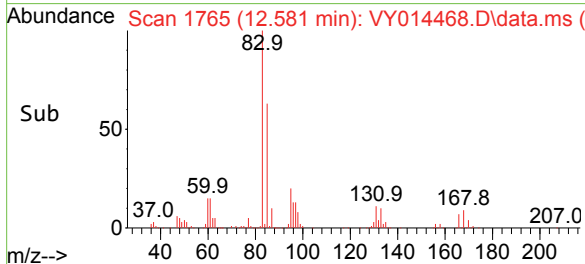
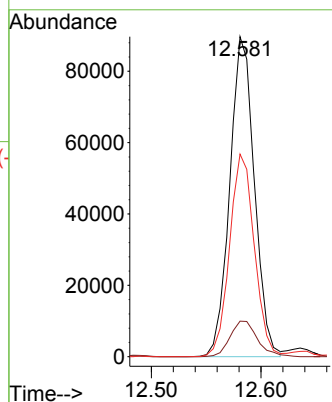
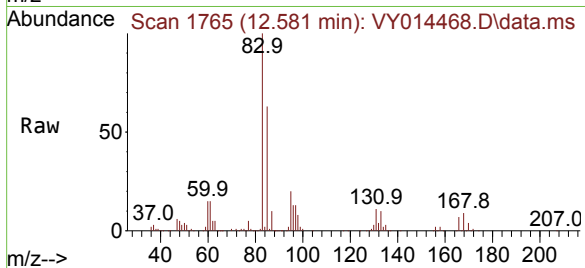
Tgt Ion: 83 Resp: 139680

Ion Ratio Lower Upper

83 100

131 12.4 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 48.572 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014468.D

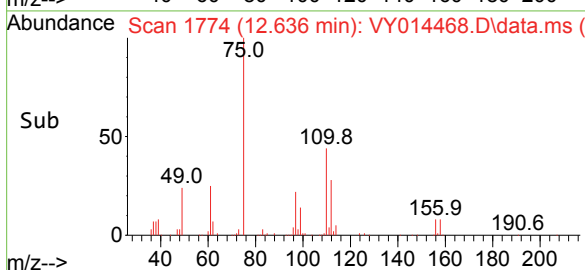
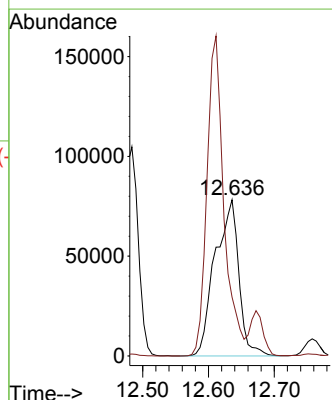
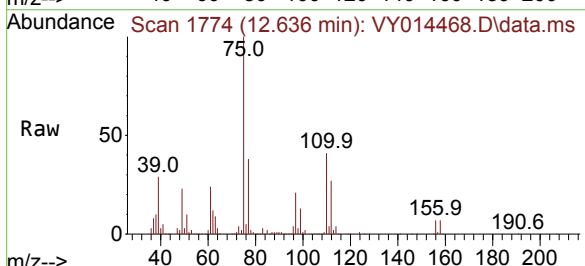
Acq: 27 Jun 2023 19:05

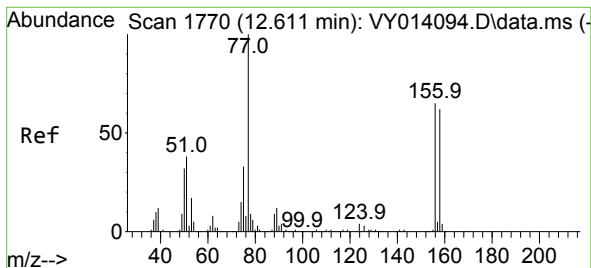
Tgt Ion: 75 Resp: 197124

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 30.073 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

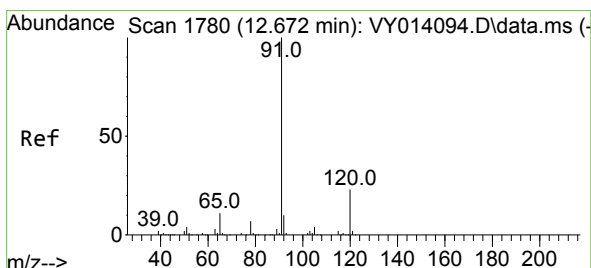
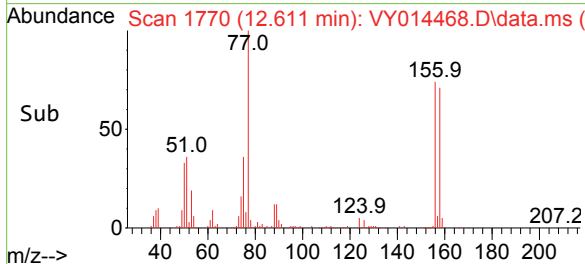
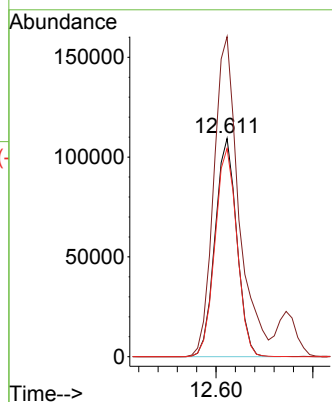
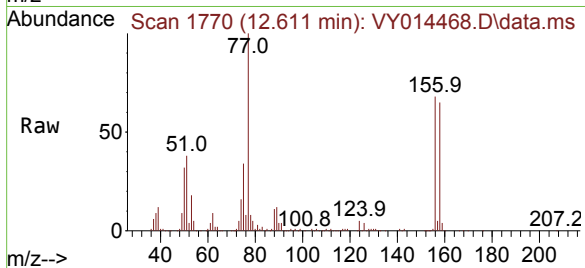
Tgt Ion:156 Resp: 170339

Ion Ratio Lower Upper

156 100

77 169.2 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 29.092 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014468.D

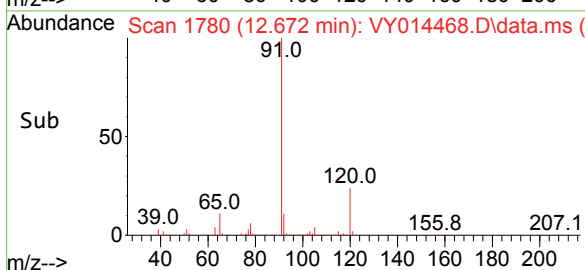
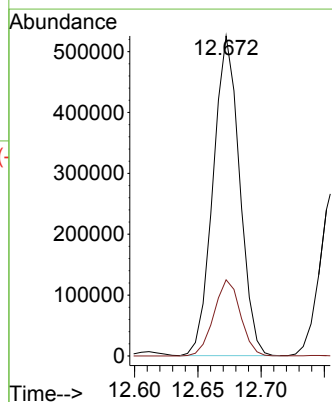
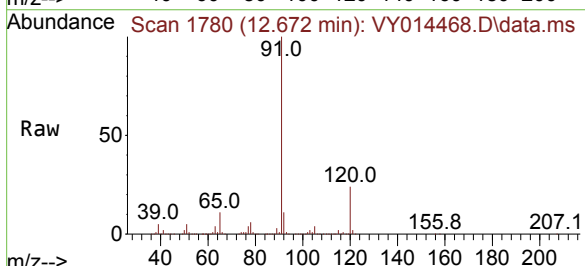
Acq: 27 Jun 2023 19:05

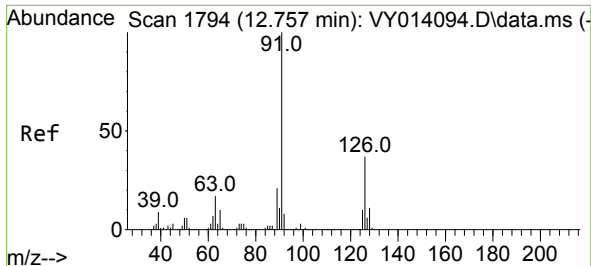
Tgt Ion: 91 Resp: 764593

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

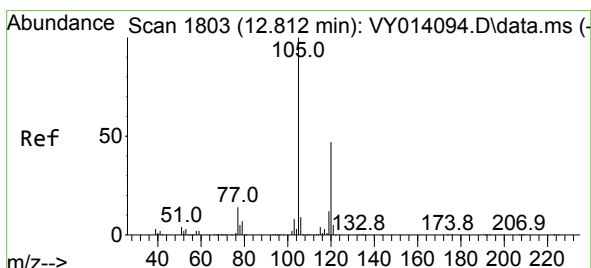
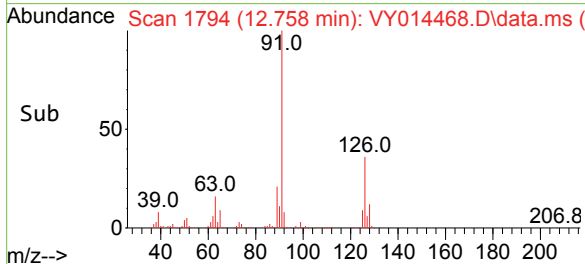
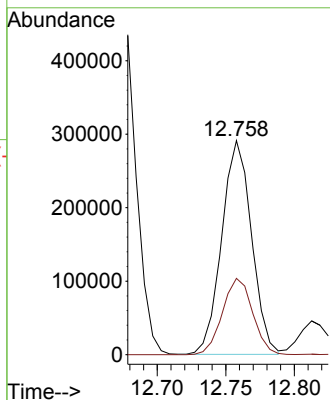
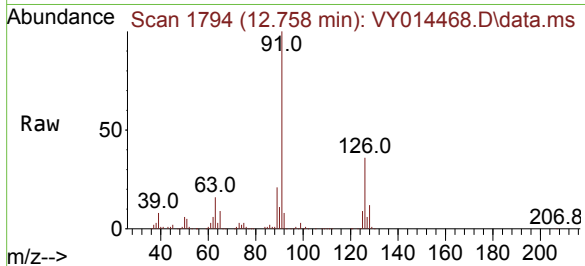




#79
2-Chlorotoluene
Concen: 29.360 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

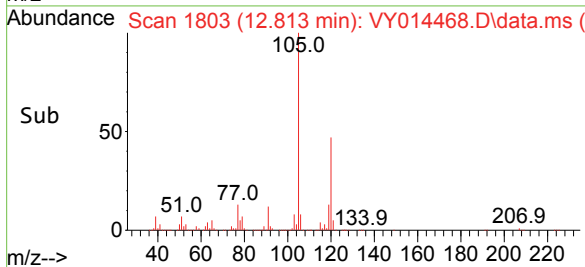
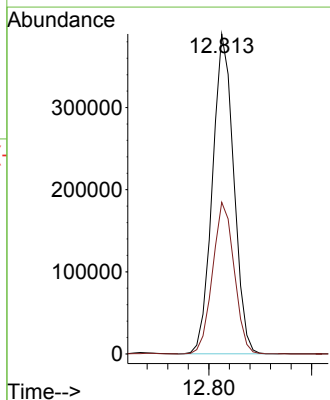
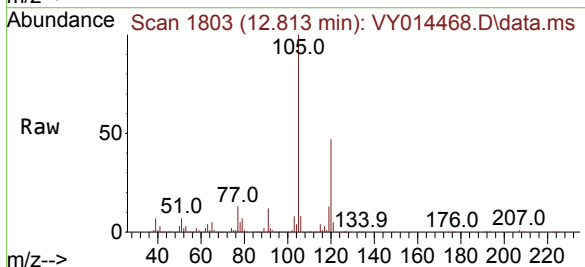
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

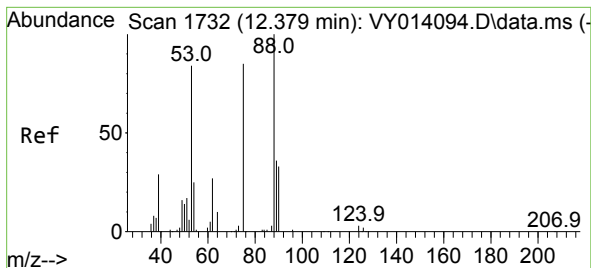
Tgt Ion: 91 Resp: 440692
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 29.660 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 105 Resp: 558949
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

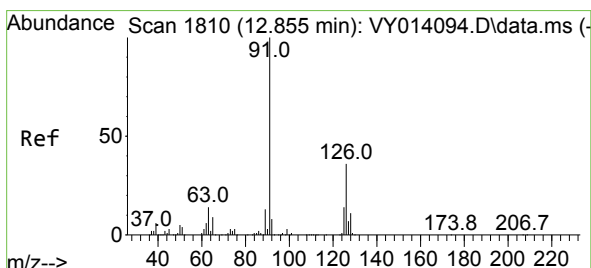
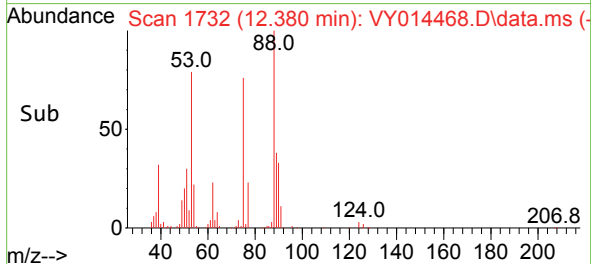
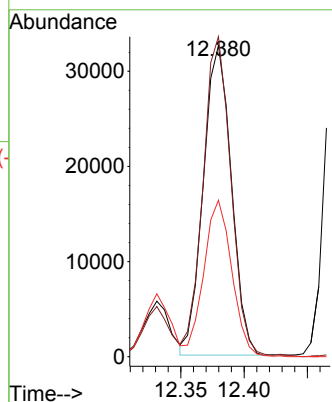
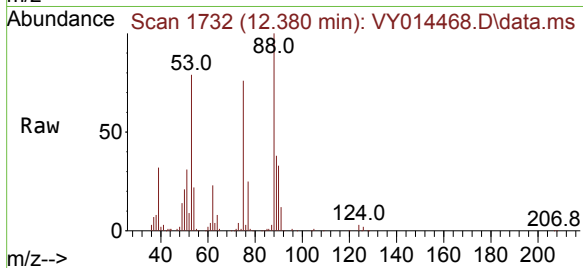




#81
trans-1,4-Dichloro-2-butene
Concen: 28.151 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

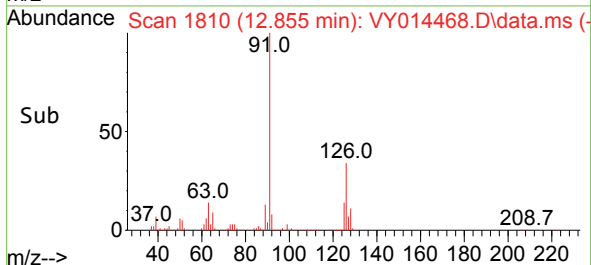
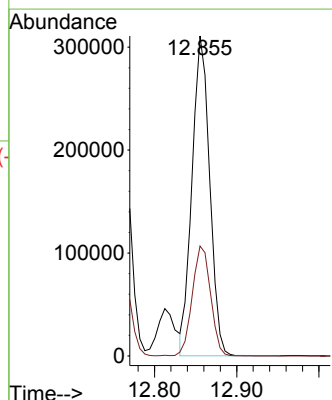
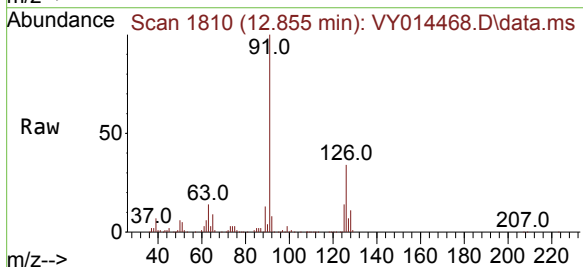
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

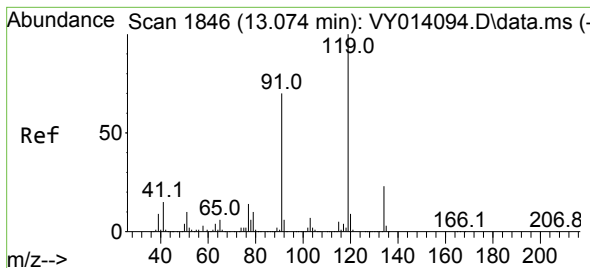
Tgt Ion: 75 Resp: 50182
Ion Ratio Lower Upper
75 100
53 103.4 77.8 116.8
89 50.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 28.921 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014468.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 91 Resp: 462438
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 29.315 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

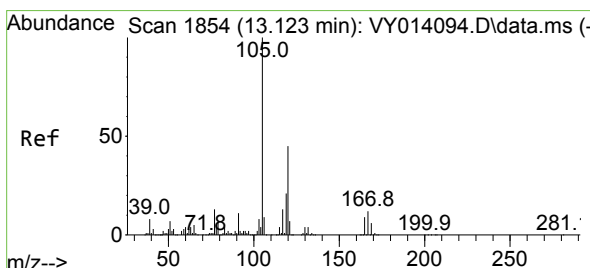
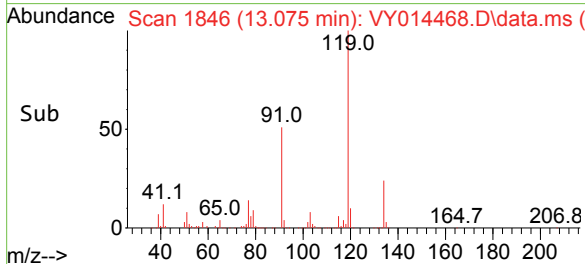
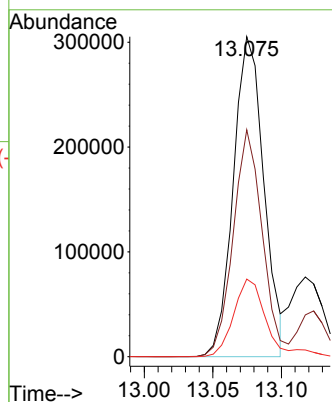
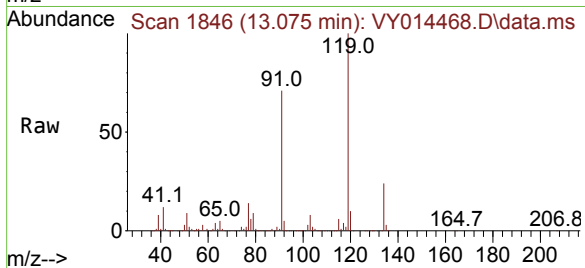
Tgt Ion:119 Resp: 473598

Ion Ratio Lower Upper

119 100

91 67.8 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 30.064 ug/l

RT: 13.124 min Scan# 1854

Delta R.T. 0.001 min

Lab File: VY014468.D

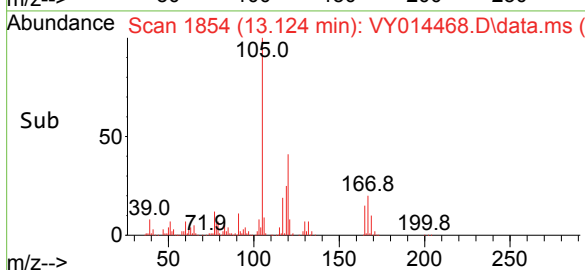
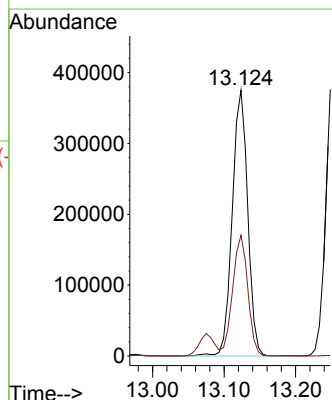
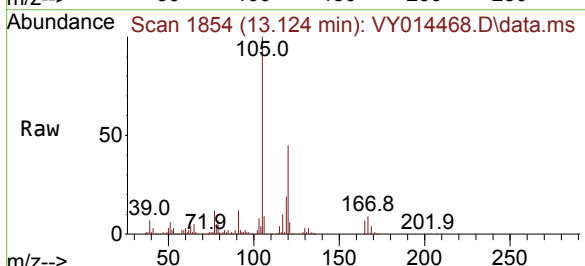
Acq: 27 Jun 2023 19:05

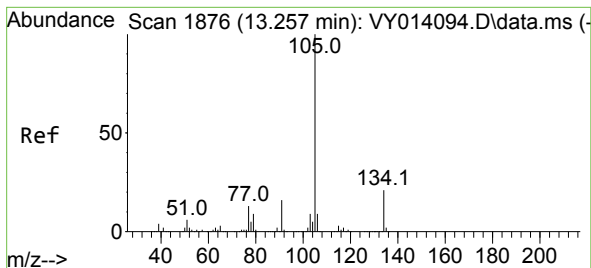
Tgt Ion:105 Resp: 561404

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 29.543 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.001 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

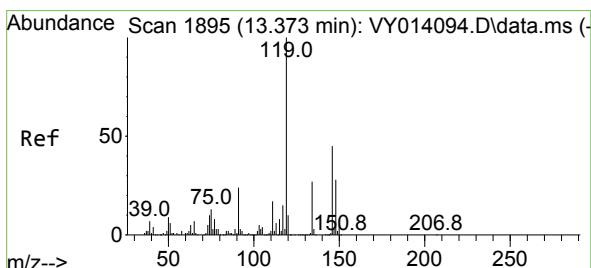
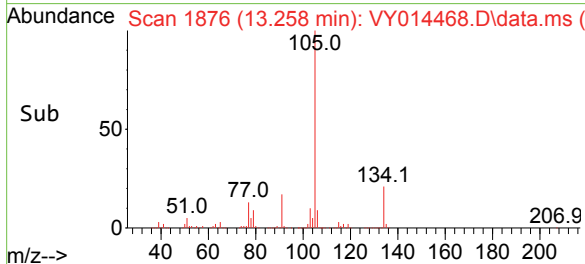
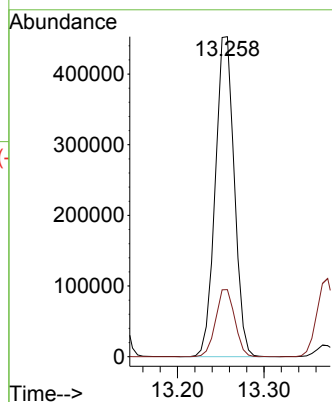
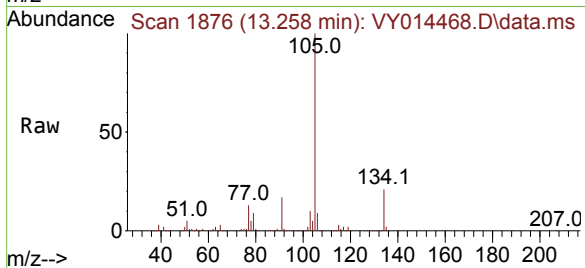
VSTDCCC050EC

Tgt Ion:105 Resp: 690218

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 29.647 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

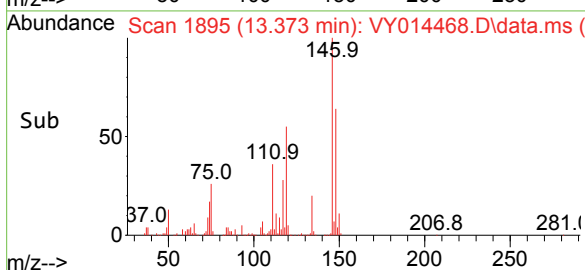
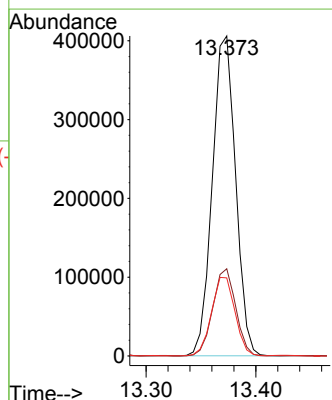
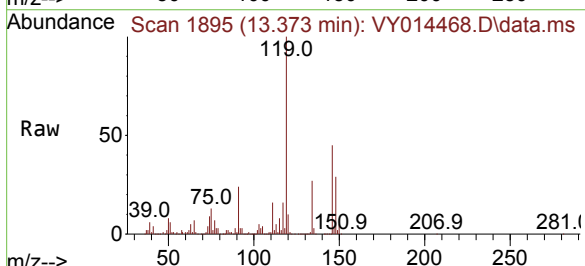
Tgt Ion:119 Resp: 599691

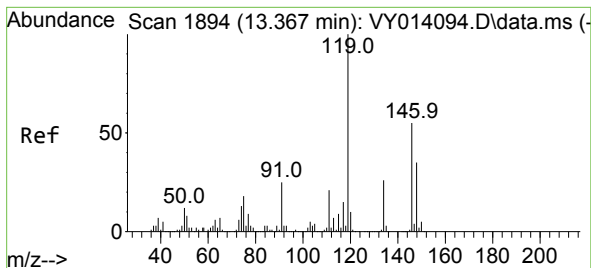
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 24.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 30.051 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

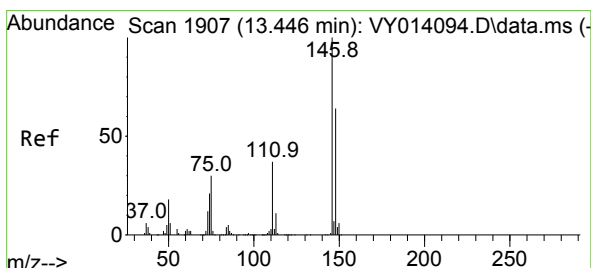
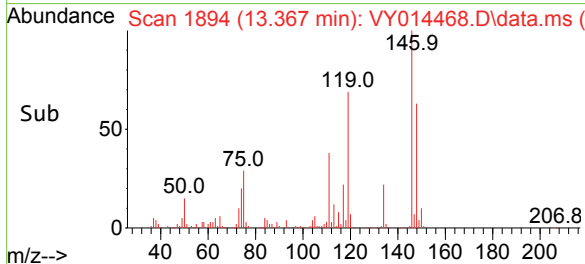
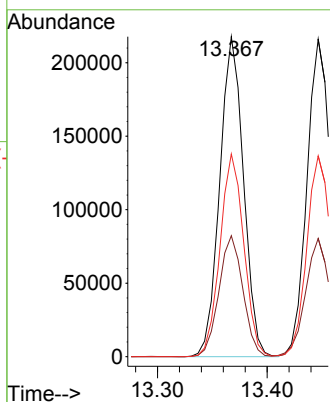
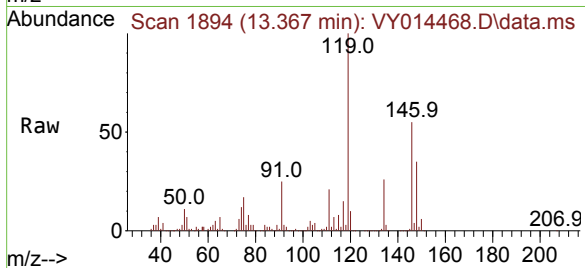
Tgt Ion:146 Resp: 328313

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 29.983 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

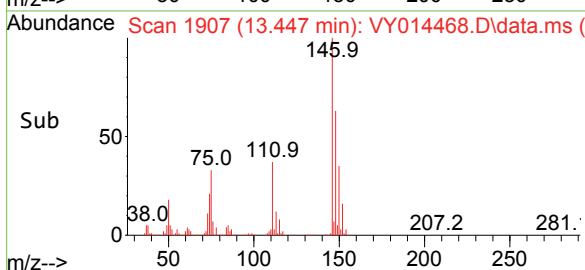
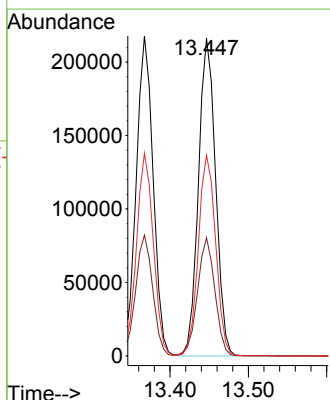
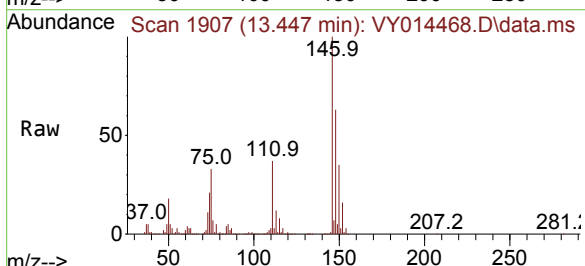
Tgt Ion:146 Resp: 329316

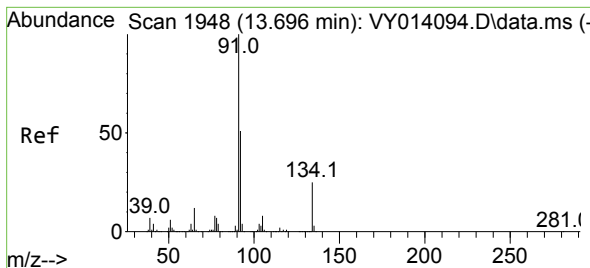
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 28.712 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

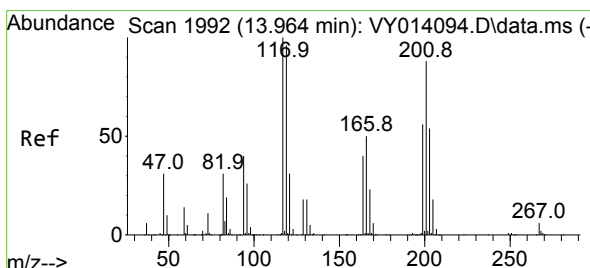
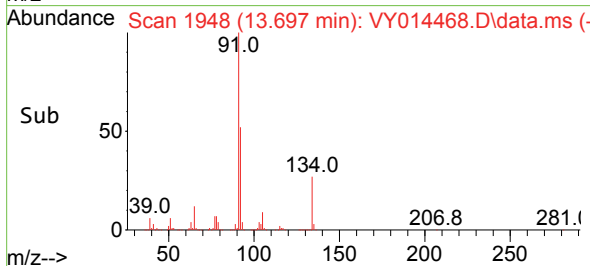
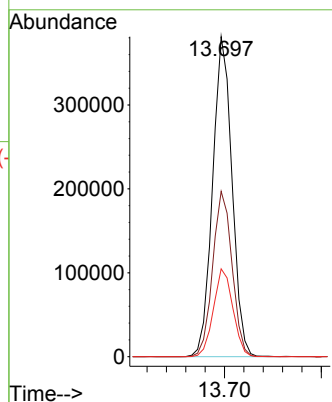
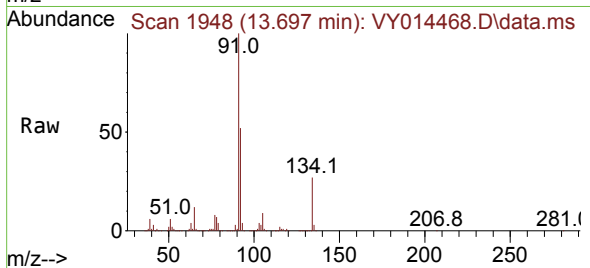
Tgt Ion: 91 Resp: 530658

Ion Ratio Lower Upper

91 100

92 51.7 25.4 76.0

134 27.5 12.6 37.6



#90

Hexachloroethane

Concen: 29.547 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014468.D

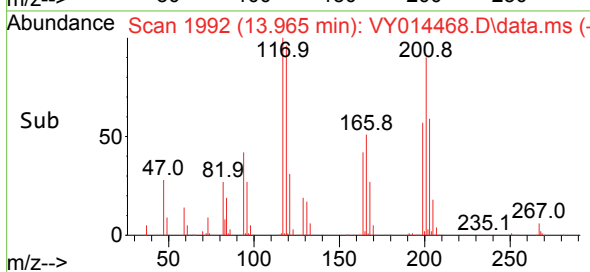
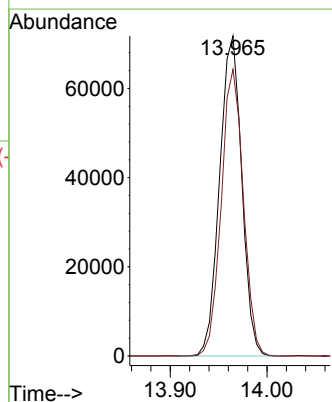
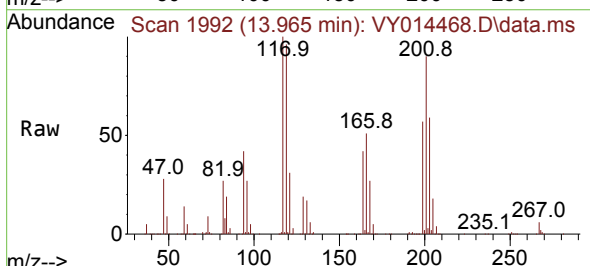
Acq: 27 Jun 2023 19:05

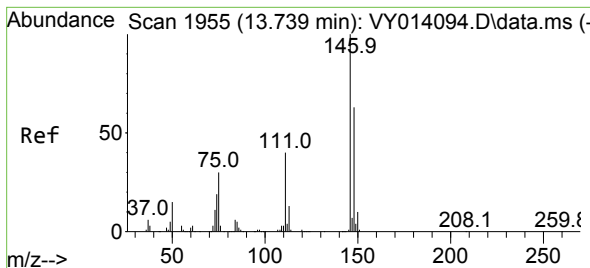
Tgt Ion: 117 Resp: 113702

Ion Ratio Lower Upper

117 100

201 89.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 30.364 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

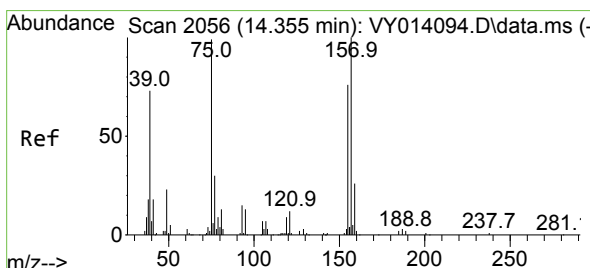
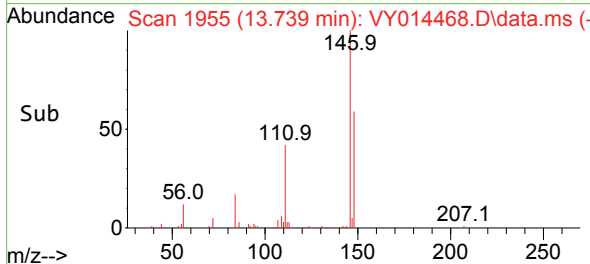
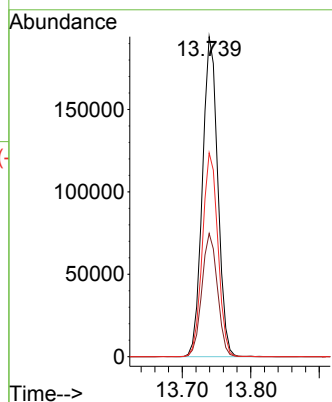
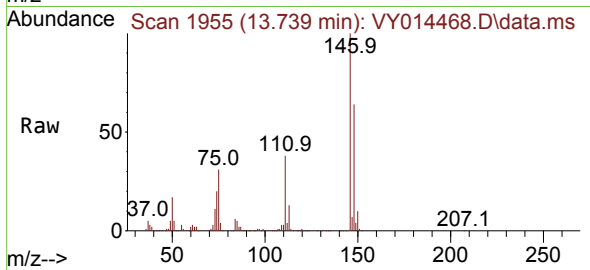
Tgt Ion:146 Resp: 302847

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 30.294 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

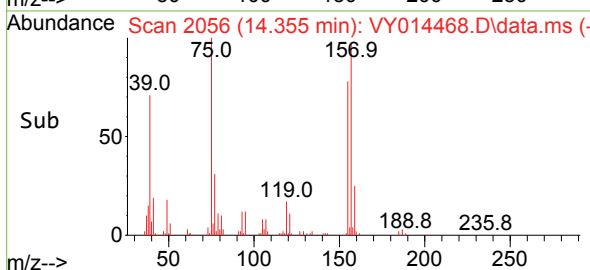
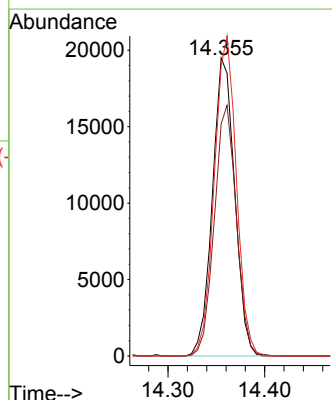
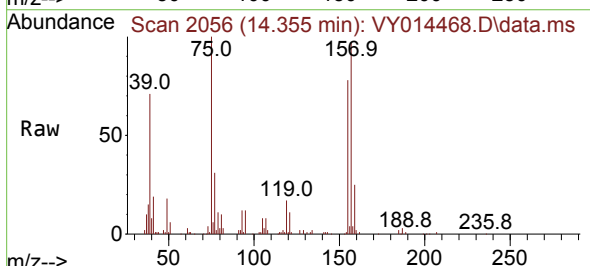
Tgt Ion: 75 Resp: 31172

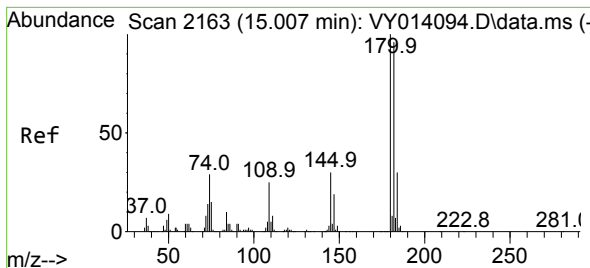
Ion Ratio Lower Upper

75 100

155 82.8 41.5 124.6

157 105.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 29.610 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

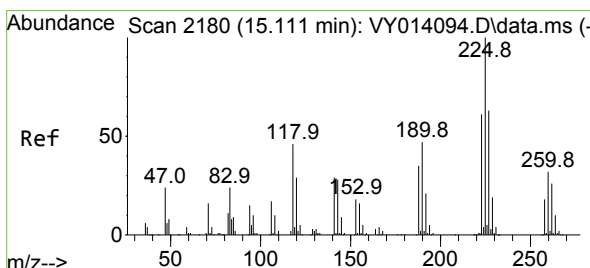
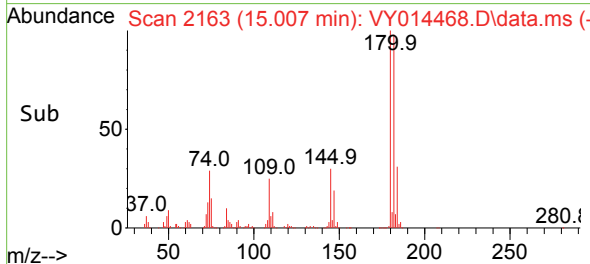
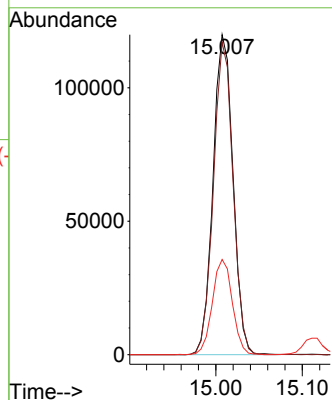
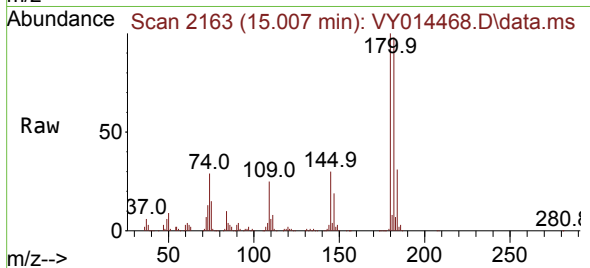
Tgt Ion:180 Resp: 191871

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 29.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 28.845 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

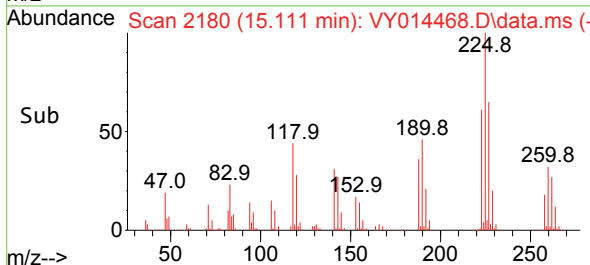
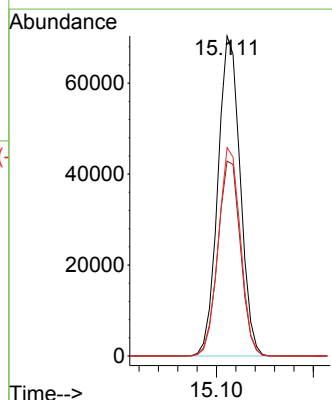
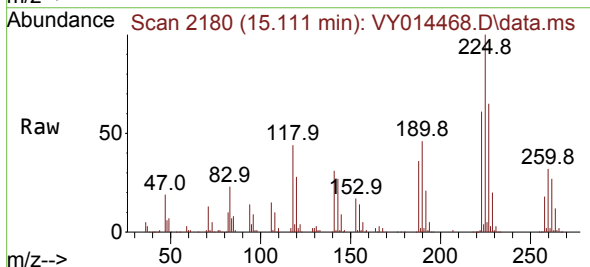
Tgt Ion:225 Resp: 112276

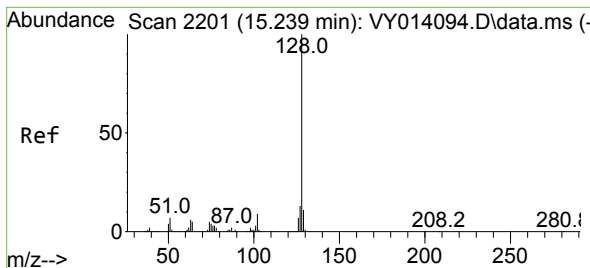
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 30.825 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

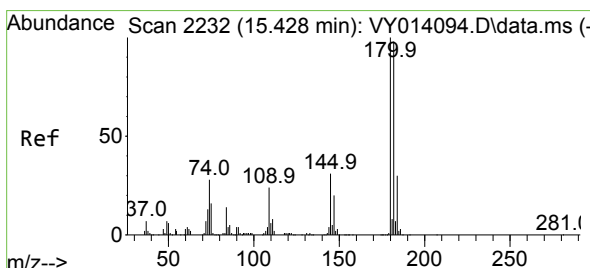
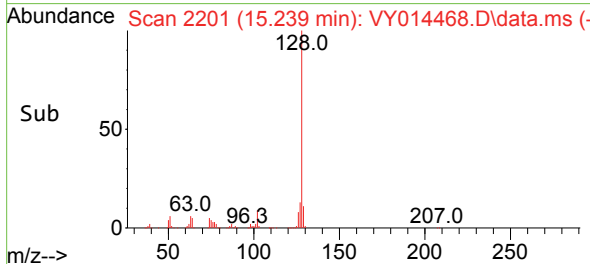
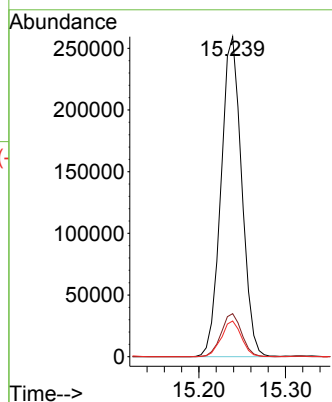
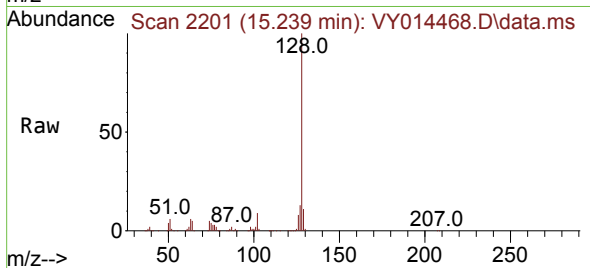
Tgt Ion:128 Resp: 429446

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 29.833 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014468.D

Acq: 27 Jun 2023 19:05

Tgt Ion:180 Resp: 176019

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 30.6 15.4 46.2

