

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013260.D
 Acq On : 12 Apr 2023 11:10
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 13 04:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 04:49:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	237582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	30930	10.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.660%#
35) Dibromofluoromethane	7.716	113	24726	10.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.720%#
50) Toluene-d8	10.179	98	92595	10.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.860%#
62) 4-Bromofluorobenzene	12.483	95	29940	10.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.760%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21580	10.092	ug/l	95
3) Chloromethane	2.113	50	28100	10.490	ug/l	99
4) Vinyl Chloride	2.253	62	26161	10.300	ug/l	93
5) Bromomethane	2.656	94	21398	10.987	ug/l	92
6) Chloroethane	2.796	64	17681	10.323	ug/l	89
7) Trichlorofluoromethane	3.125	101	41680	10.544	ug/l	97
8) Diethyl Ether	3.527	74	15358	10.693	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	23846	10.265	ug/l	96
10) Methyl Iodide	4.088	142	26460	9.286	ug/l	93
11) Tert butyl alcohol	4.936	59	32423	71.056	ug/l #	74
12) 1,1-Dichloroethene	3.875	96	23419	10.475	ug/l	89
13) Acrolein	3.729	56	18759	53.484	ug/l	98
14) Allyl chloride	4.479	41	43305	10.140	ug/l	91
15) Acrylonitrile	5.167	53	44219	53.578	ug/l	99
16) Acetone	3.954	43	51571	52.544	ug/l	99
17) Carbon Disulfide	4.198	76	77636	10.548	ug/l	98
18) Methyl Acetate	4.479	43	34938	11.004	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	68952	10.296	ug/l	91
20) Methylene Chloride	4.716	84	36110	11.848	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	26667	10.449	ug/l	95
22) Diisopropyl ether	6.112	45	88792	10.550	ug/l #	86
23) Vinyl Acetate	6.057	43	273642	51.430	ug/l	96
24) 1,1-Dichloroethane	6.021	63	49914	10.617	ug/l	94
25) 2-Butanone	6.984	43	67960	54.067	ug/l	98
26) 2,2-Dichloropropane	6.984	77	44778	10.616	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	29144	10.502	ug/l	94
28) Bromochloromethane	7.332	49	20941	11.176	ug/l	91
29) Tetrahydrofuran	7.350	42	40757	53.387	ug/l	97
30) Chloroform	7.508	83	50113	10.533	ug/l	99
31) Cyclohexane	7.783	56	45538	10.548	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	44751	10.398	ug/l	97
36) 1,1-Dichloropropene	7.917	75	36955	10.224	ug/l	99
37) Ethyl Acetate	7.069	43	31012	10.644	ug/l	97
38) Carbon Tetrachloride	7.905	117	41239	10.319	ug/l	94
39) Methylcyclohexane	9.185	83	42025	10.002	ug/l	96
40) Benzene	8.161	78	110401	10.554	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13477	10.237	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	37471	10.565	ug/l	98
43) Isopropyl Acetate	8.271	43	51879	10.720	ug/l	96
44) Trichloroethene	8.935	130	27593	10.239	ug/l	94
45) 1,2-Dichloropropane	9.215	63	28598	10.533	ug/l	98
46) Dibromomethane	9.307	93	16980	10.391	ug/l	99
47) Bromodichloromethane	9.496	83	39517	10.578	ug/l	99
48) Methyl methacrylate	9.295	41	21998	9.896	ug/l	97
49) 1,4-Dioxane	9.307	88	4207	190.015	ug/l #	67
51) 4-Methyl-2-Pentanone	10.069	43	141132	53.587	ug/l	95
52) Toluene	10.246	92	65266	10.332	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39615	10.126	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	43681	10.183	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	22928	10.641	ug/l	98
56) Ethyl methacrylate	10.508	69	29154	9.882	ug/l	94
57) 1,3-Dichloropropane	10.788	76	38662	10.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	64037	51.985	ug/l	98
59) 2-Hexanone	10.831	43	101198	52.845	ug/l	94
60) Dibromochloromethane	10.983	129	27733	10.265	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21575	10.283	ug/l	95
64) Tetrachloroethene	10.715	164	24232	10.315	ug/l	98
65) Chlorobenzene	11.514	112	72563	10.417	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	26888	10.286	ug/l	98
67) Ethyl Benzene	11.593	91	121283	9.997	ug/l	99
68) m/p-Xylenes	11.703	106	94688	20.399	ug/l	100
69) o-Xylene	12.026	106	42282	9.835	ug/l	99
70) Styrene	12.044	104	72487	9.983	ug/l	98
71) Bromoform	12.209	173	18687	10.319	ug/l #	99
73) Isopropylbenzene	12.331	105	111781	9.816	ug/l	100
74) N-amyl acetate	12.142	43	40644	10.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	29821	10.600	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37824	16.705	ug/l #	100
77) Bromobenzene	12.611	156	29125	10.227	ug/l	98
78) n-propylbenzene	12.672	91	139624	9.928	ug/l	99
79) 2-Chlorotoluene	12.758	91	79426	10.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	93446	9.797	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	10425	10.459	ug/l	92
82) 4-Chlorotoluene	12.855	91	84010	10.066	ug/l	100
83) tert-Butylbenzene	13.075	119	78937	9.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	91639	9.871	ug/l	98
85) sec-Butylbenzene	13.251	105	123299	10.074	ug/l	98
86) p-Isopropyltoluene	13.367	119	98278	9.785	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	55905	10.184	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56865	10.251	ug/l	95
89) n-Butylbenzene	13.696	91	94573	9.845	ug/l	97
90) Hexachloroethane	13.959	117	20962	10.010	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	50942	10.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5123	10.028	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	28237	9.511	ug/l	97
94) Hexachlorobutadiene	15.111	225	17959	10.216	ug/l	97
95) Naphthalene	15.239	128	57258	8.854	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	25447	9.408	ug/l	97

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QLast Update : Thu Apr 13 04:49:41 2023
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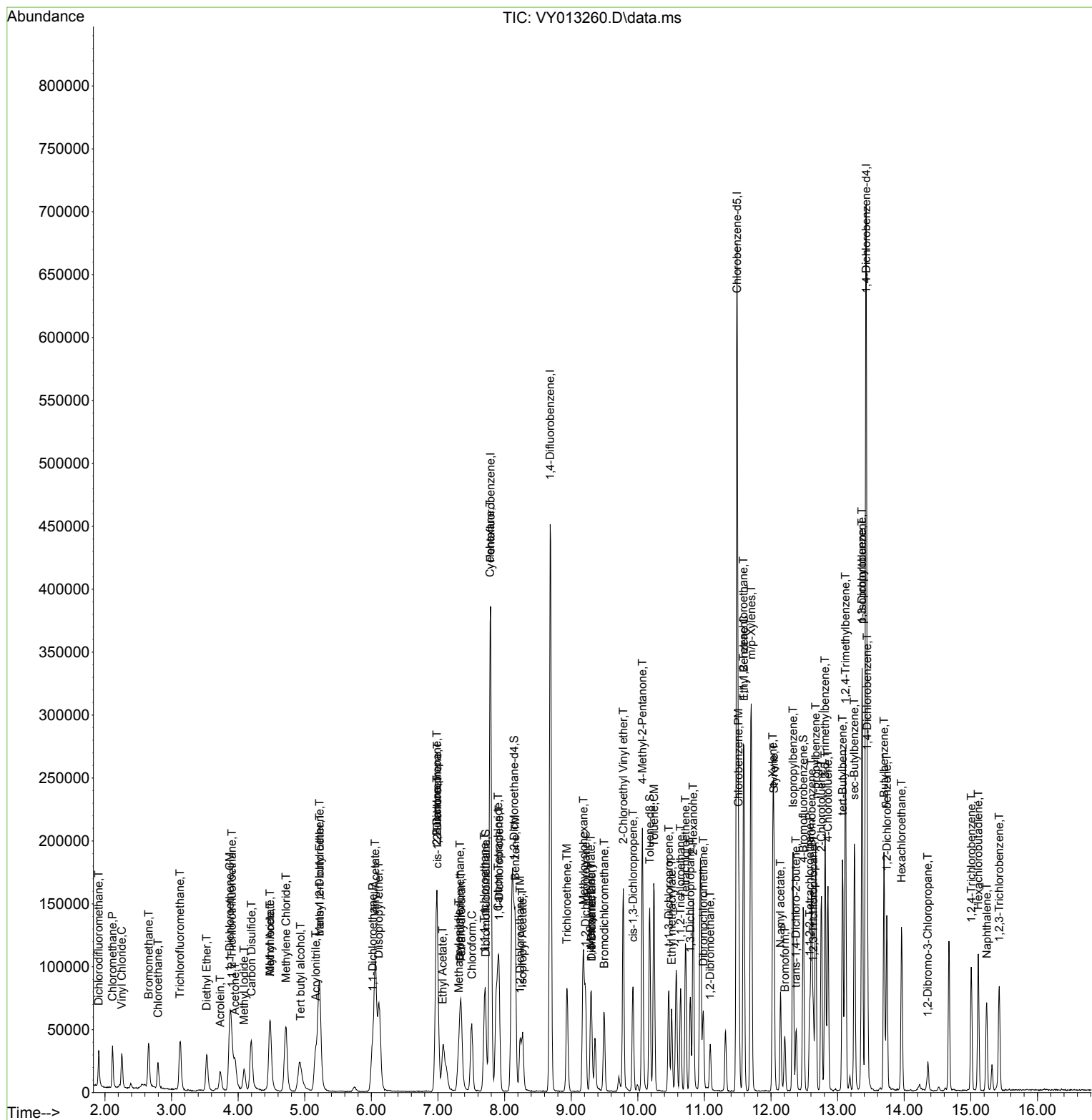
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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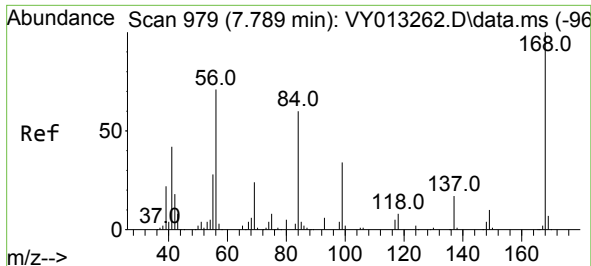
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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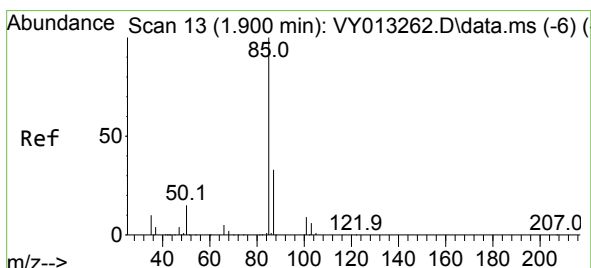
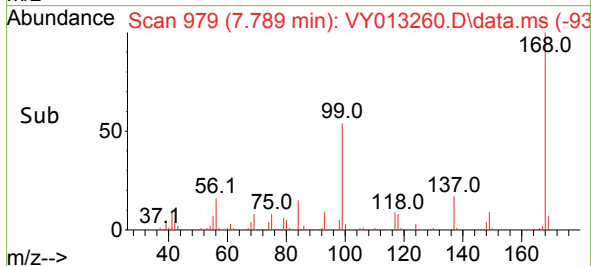
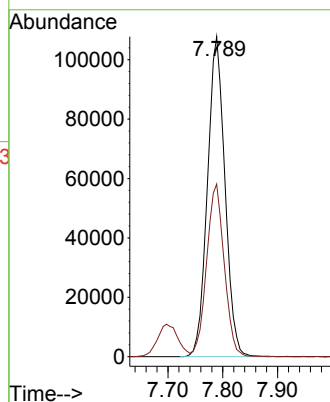
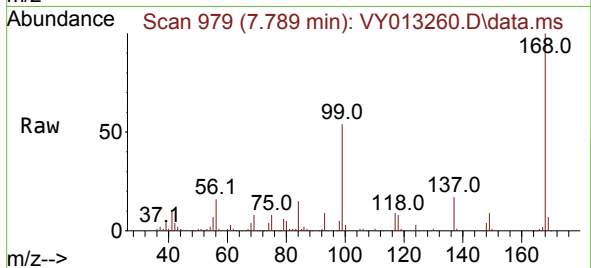




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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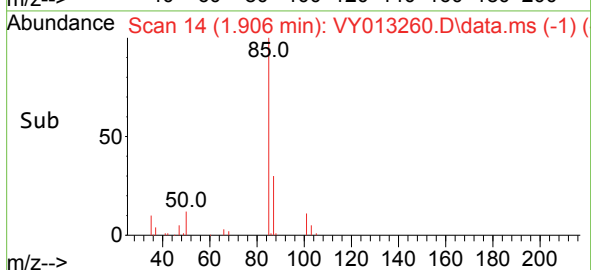
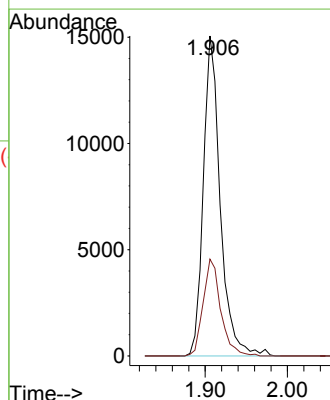
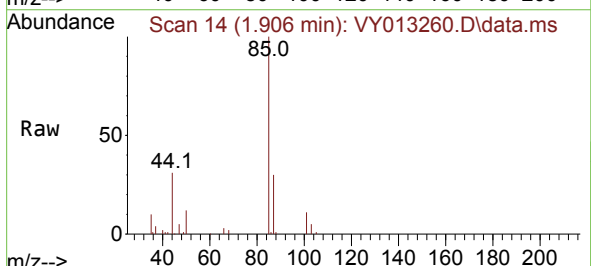
Instrument :
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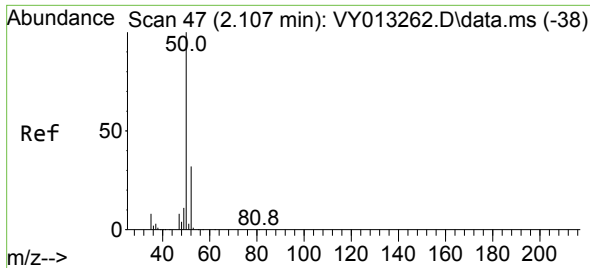
Tgt Ion:168 Resp: 237582
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 10.092 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 85 Resp: 21580
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0

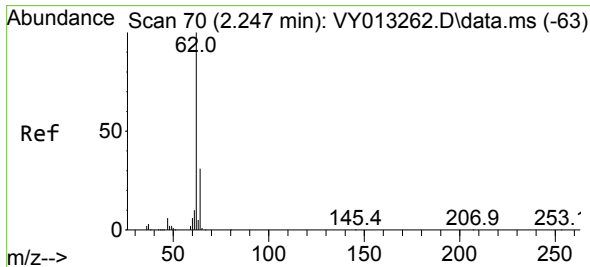
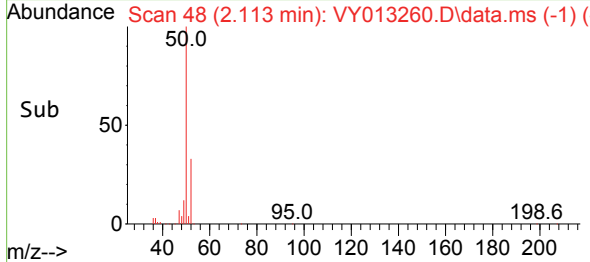
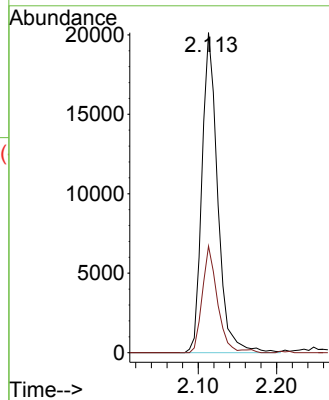
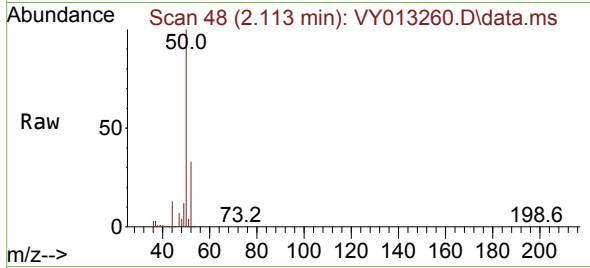




#3
Chloromethane
Concen: 10.490 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

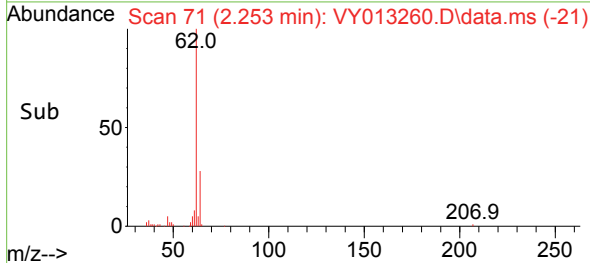
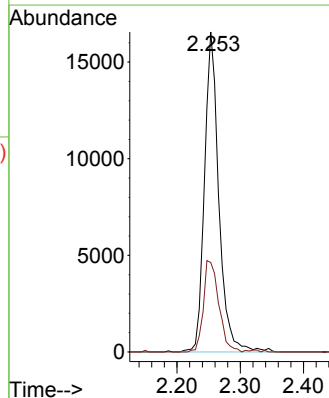
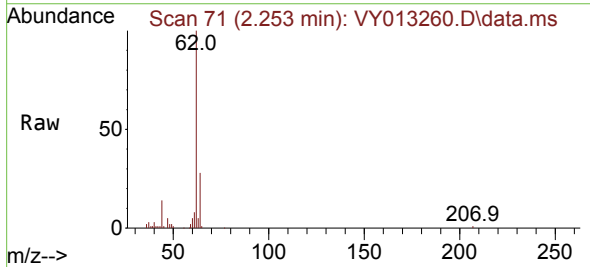
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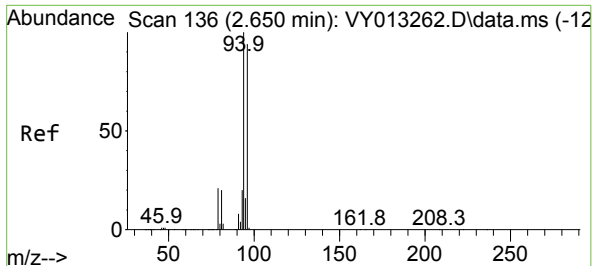
Tgt Ion: 50 Resp: 28100
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 10.300 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 62 Resp: 26161
Ion Ratio Lower Upper
62 100
64 28.0 25.6 38.4

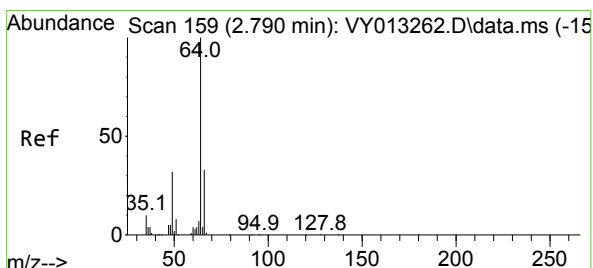
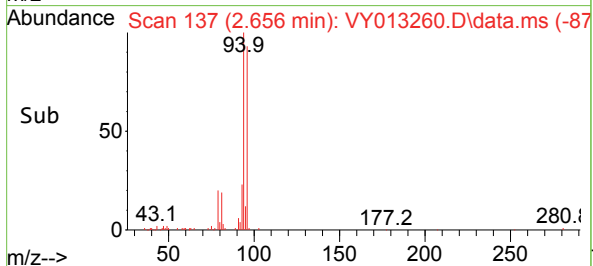
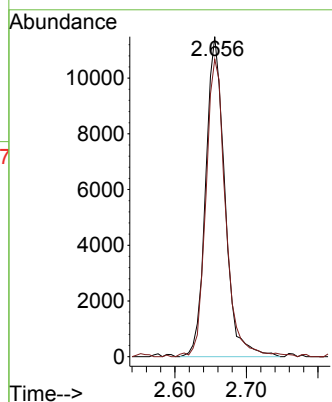
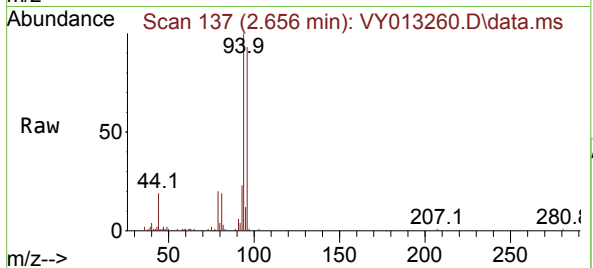




#5
Bromomethane
Concen: 10.987 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013260.D
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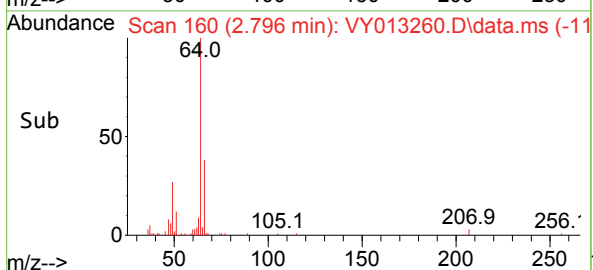
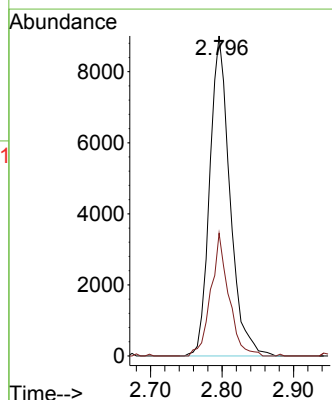
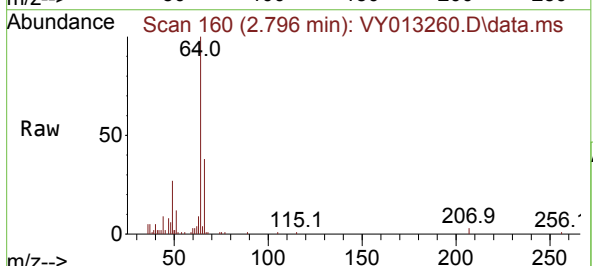
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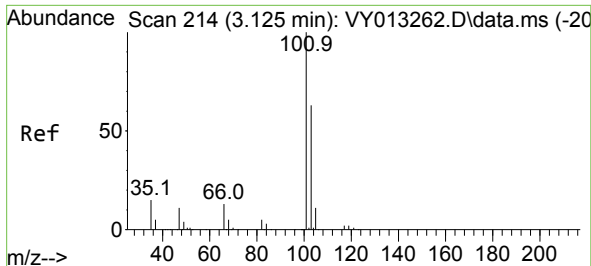
Tgt Ion: 94 Resp: 21398
Ion Ratio Lower Upper
94 100
96 92.2 80.3 120.5



#6
Chloroethane
Concen: 10.323 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013260.D
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Tgt Ion: 64 Resp: 17681
Ion Ratio Lower Upper
64 100
66 38.3 25.7 38.5

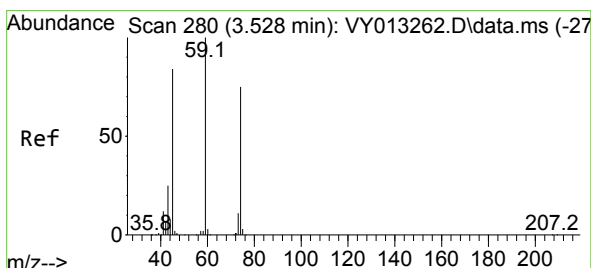
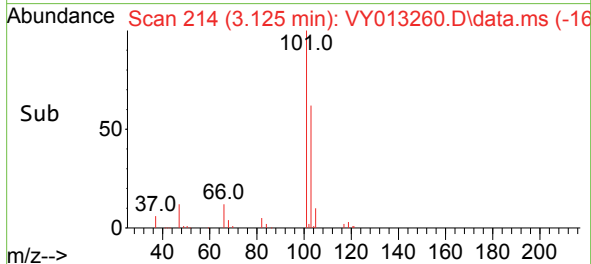
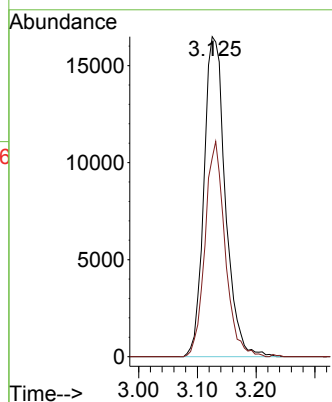
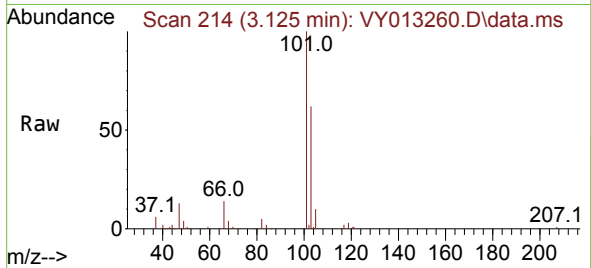




#7
 Trichlorofluoromethane
 Concen: 10.544 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013260.D
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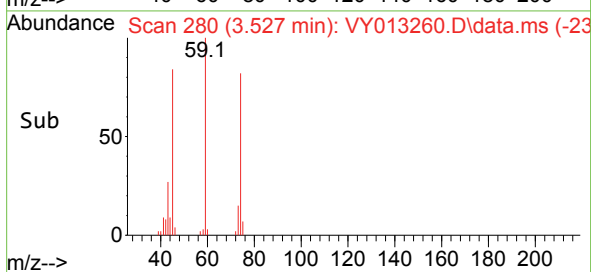
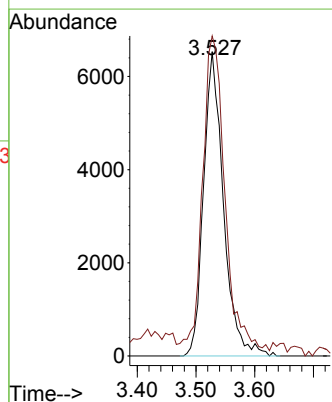
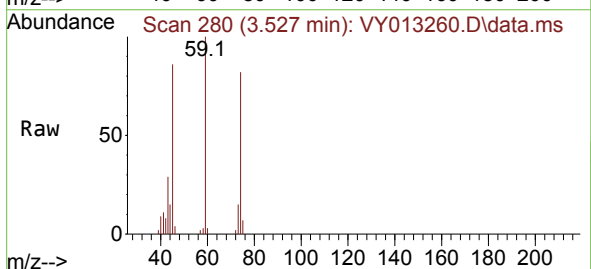
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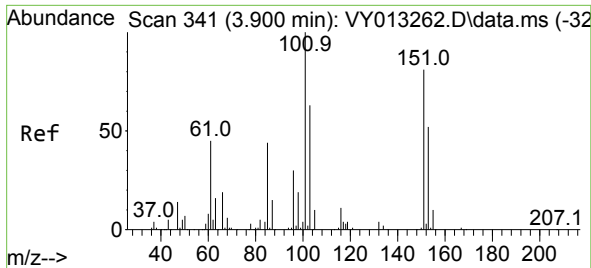
Tgt Ion:101 Resp: 41680
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 10.693 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 15358
 Ion Ratio Lower Upper
 74 100
 45 120.7 52.1 156.4

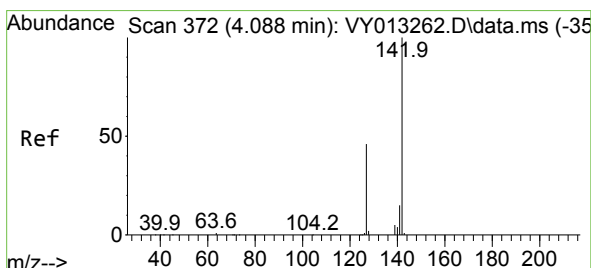
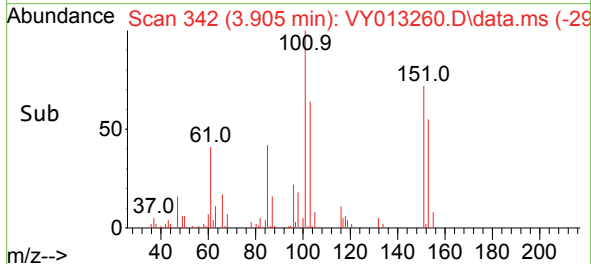
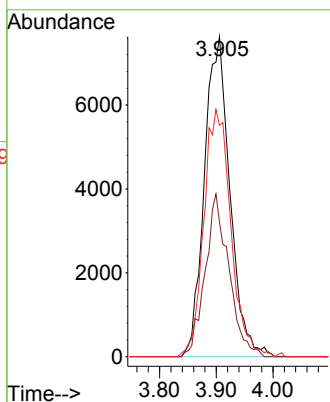
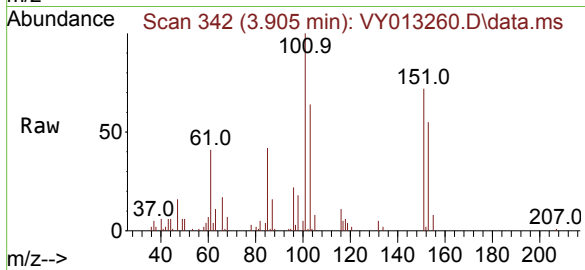




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.265 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

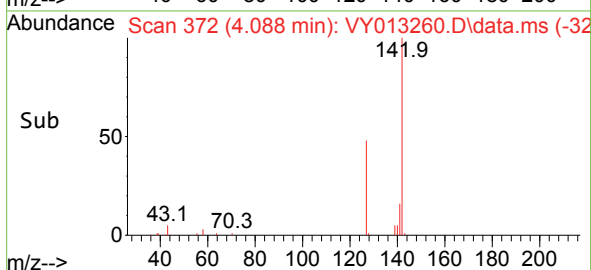
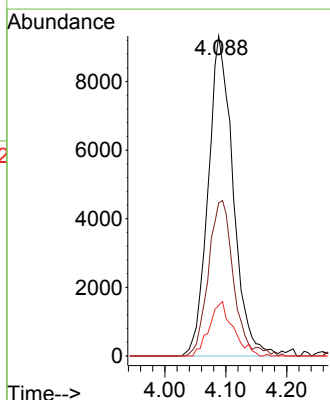
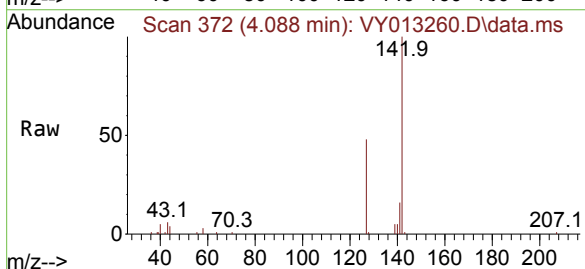
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

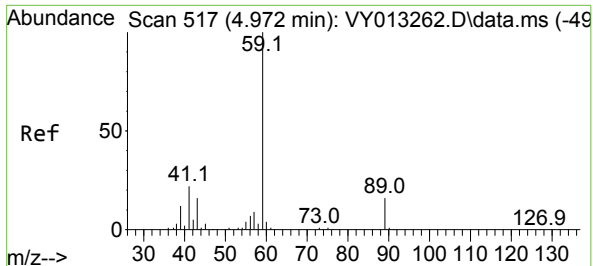
Tgt Ion:101 Resp: 23846
Ion Ratio Lower Upper
101 100
85 47.3 35.3 52.9
151 81.8 63.1 94.7



#10
Methyl Iodide
Concen: 9.286 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion:142 Resp: 26460
Ion Ratio Lower Upper
142 100
127 49.2 35.4 53.2
141 16.2 11.3 16.9

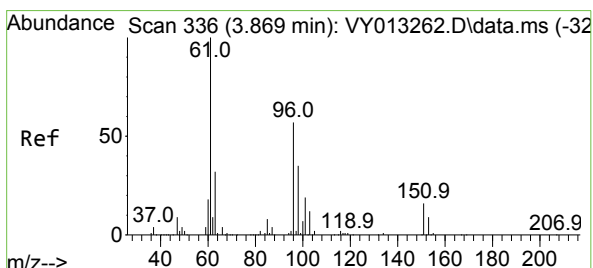
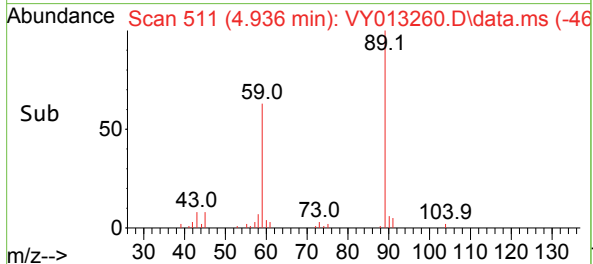
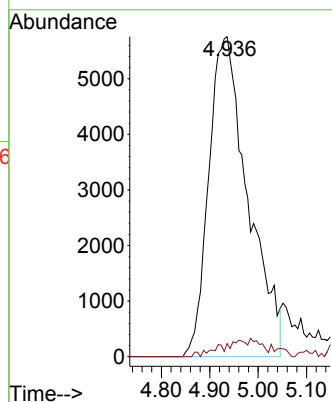
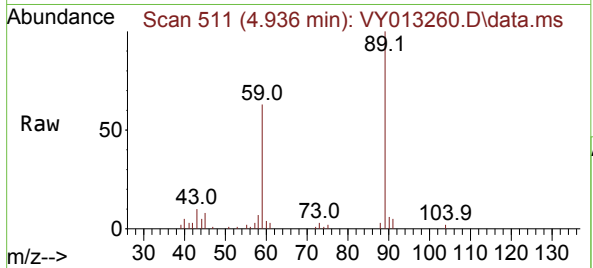




#11
Tert butyl alcohol
Concen: 71.056 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

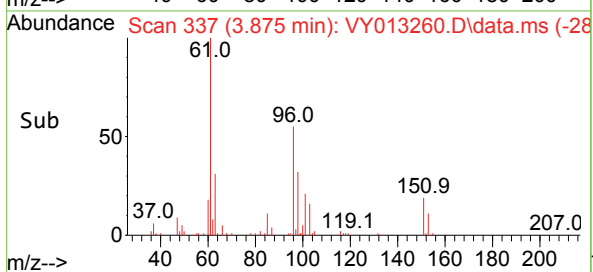
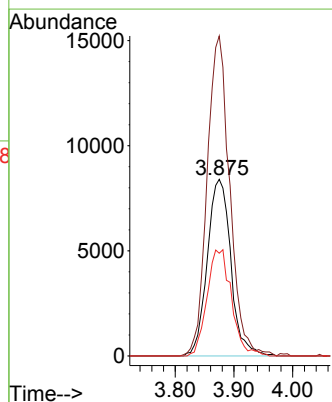
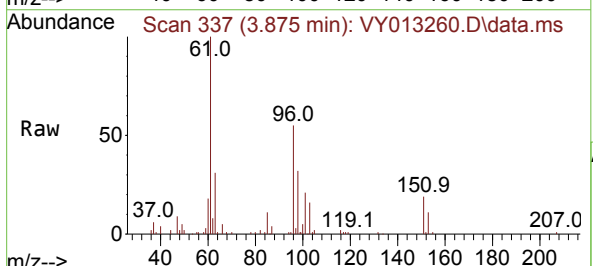
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

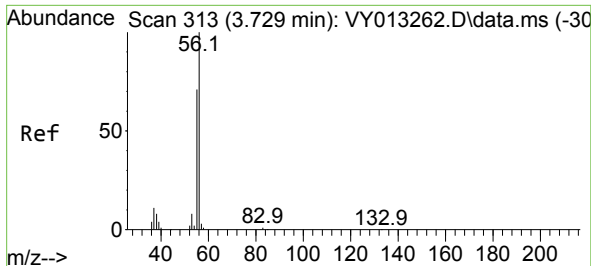
Tgt Ion: 59 Resp: 32423
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 10.475 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 96 Resp: 23419
Ion Ratio Lower Upper
96 100
61 181.2 131.7 197.5
98 58.2 52.0 78.0





#13

Acrolein

Concen: 53.484 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

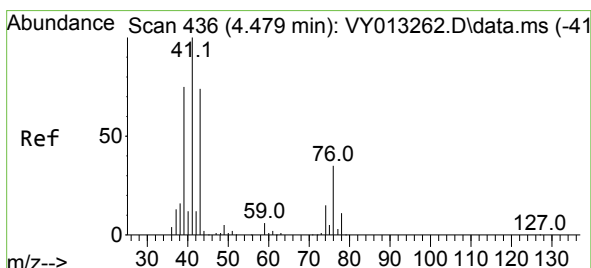
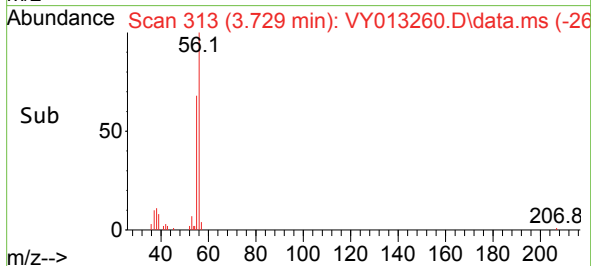
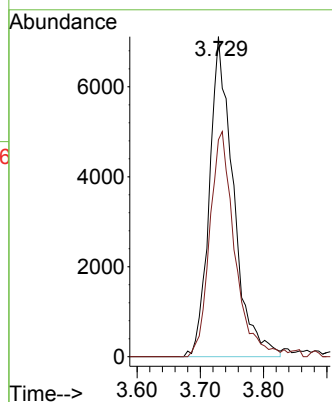
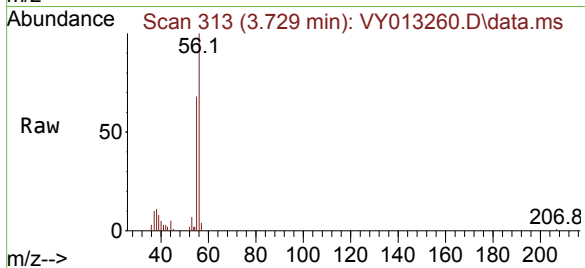
VSTDIC010

Tgt Ion: 56 Resp: 18759

Ion Ratio Lower Upper

56 100

55 72.8 56.8 85.2



#14

Allyl chloride

Concen: 10.140 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

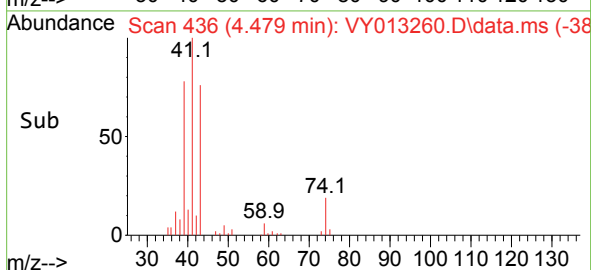
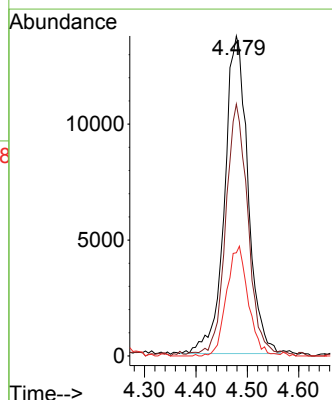
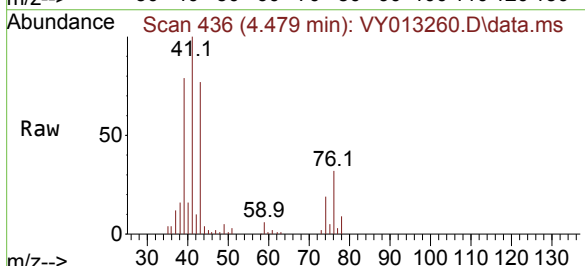
Tgt Ion: 41 Resp: 43305

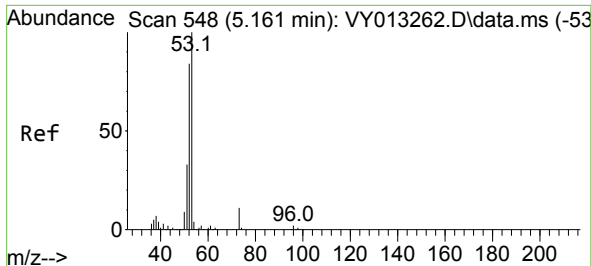
Ion Ratio Lower Upper

41 100

39 76.4 53.6 80.4

76 32.1 27.2 40.8

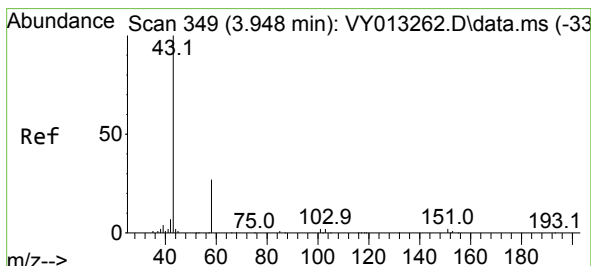
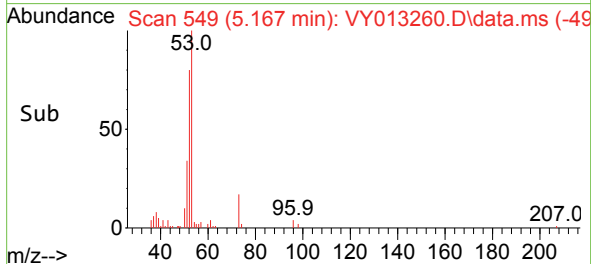
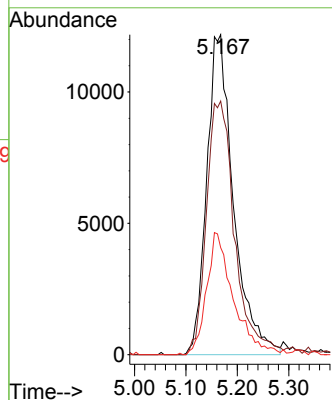
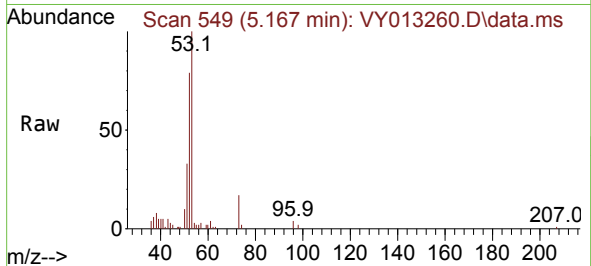




#15
Acrylonitrile
Concen: 53.578 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

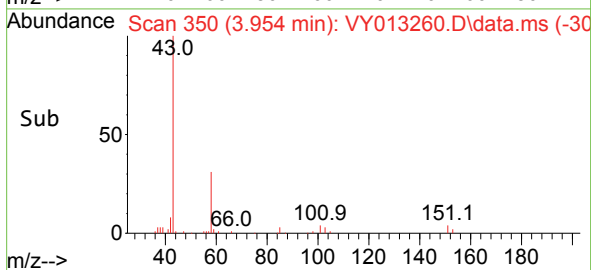
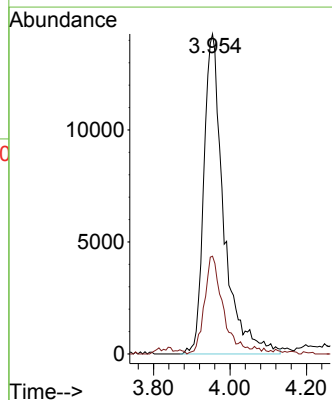
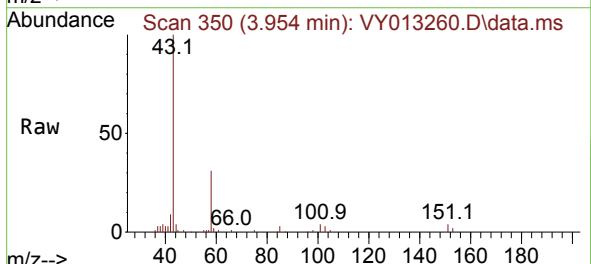
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

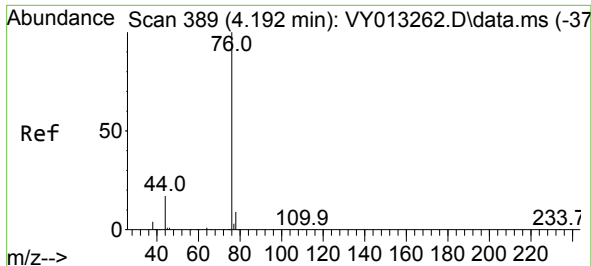
Tgt Ion: 53 Resp: 44219
Ion Ratio Lower Upper
53 100
52 83.2 66.3 99.5
51 38.0 28.8 43.2



#16
Acetone
Concen: 52.544 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 43 Resp: 51571
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.2

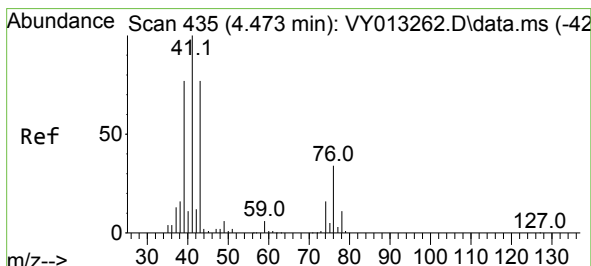
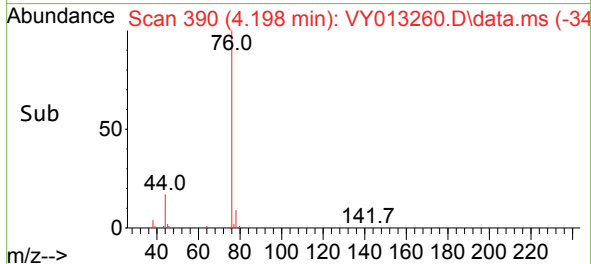
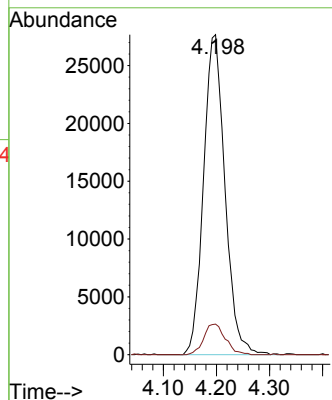
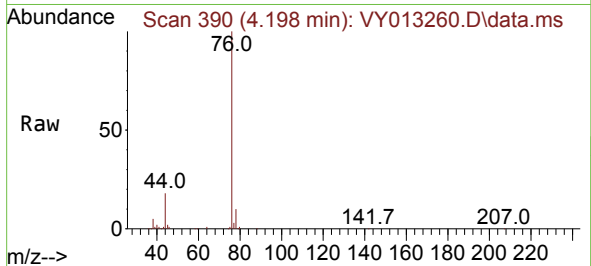




#17
Carbon Disulfide
Concen: 10.548 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

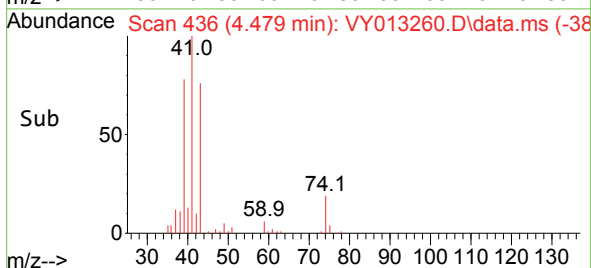
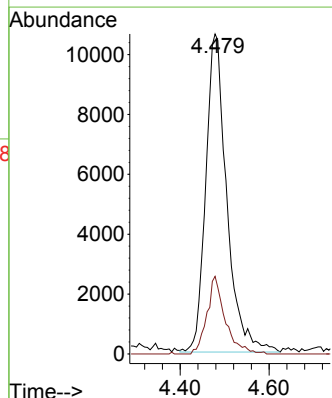
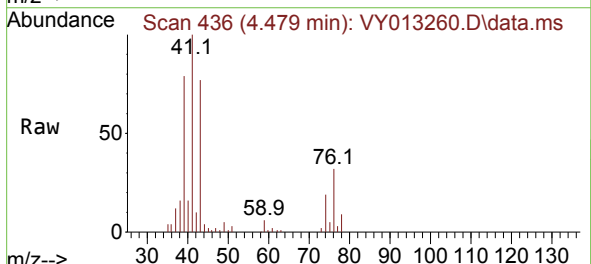
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

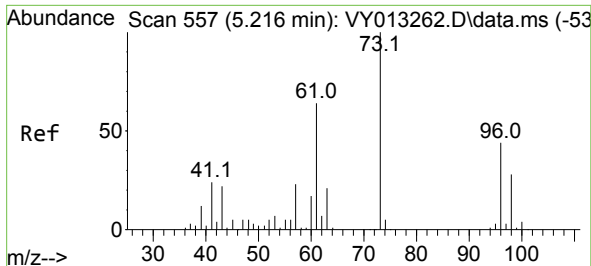
Tgt Ion: 76 Resp: 77636
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 11.004 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 43 Resp: 34938
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0

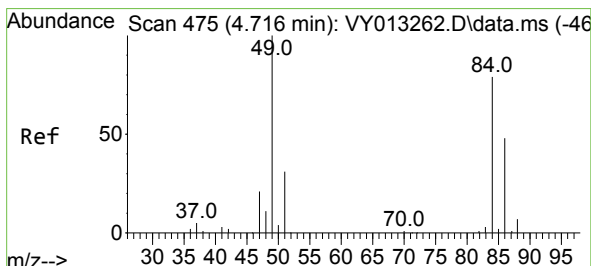
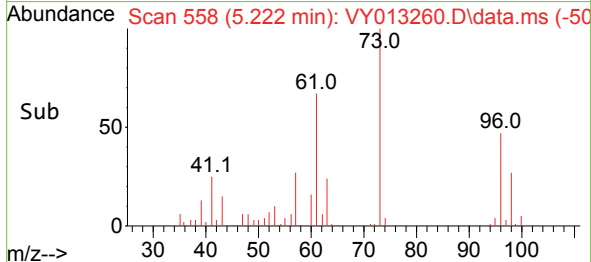
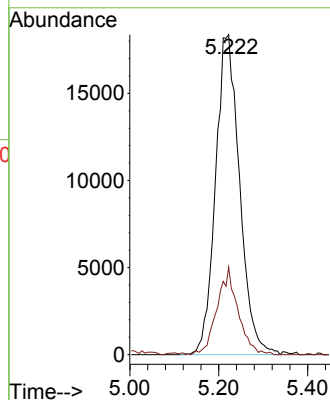
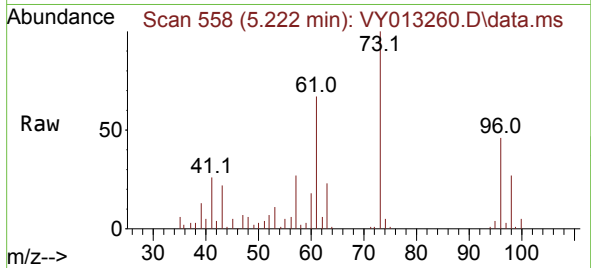




#19
Methyl tert-butyl Ether
Concen: 10.296 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

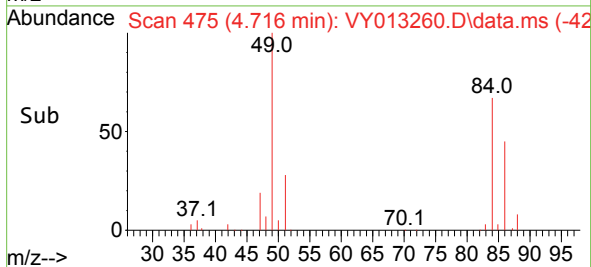
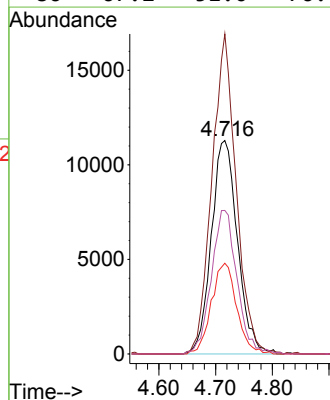
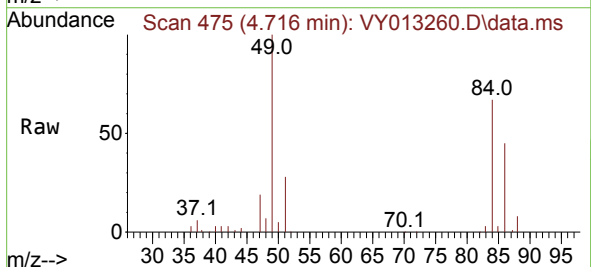
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

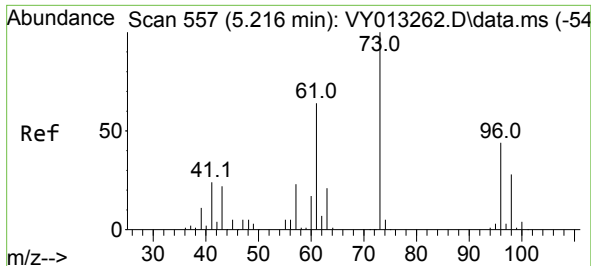
Tgt Ion: 73 Resp: 68952
Ion Ratio Lower Upper
73 100
57 27.3 18.3 27.5



#20
Methylene Chloride
Concen: 11.848 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 84 Resp: 36110
Ion Ratio Lower Upper
84 100
49 149.9 102.6 154.0
51 42.5 31.9 47.9
86 67.2 51.0 76.6

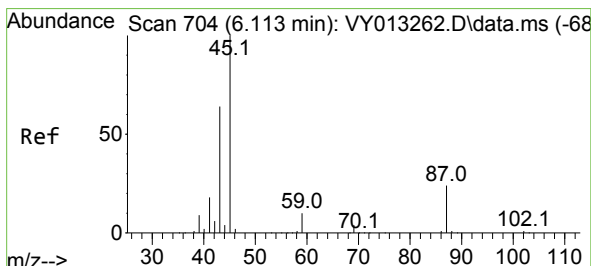
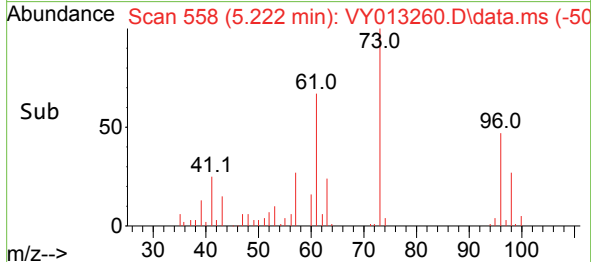
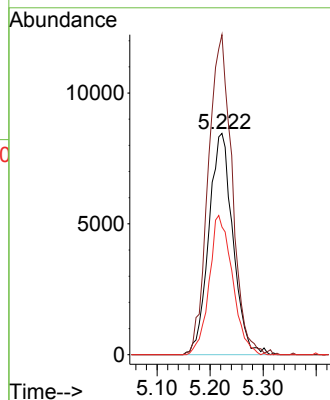
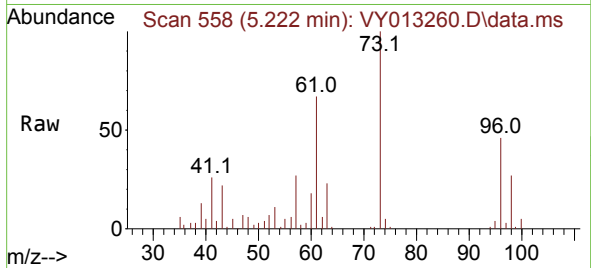




#21
trans-1,2-Dichloroethene
Concen: 10.449 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

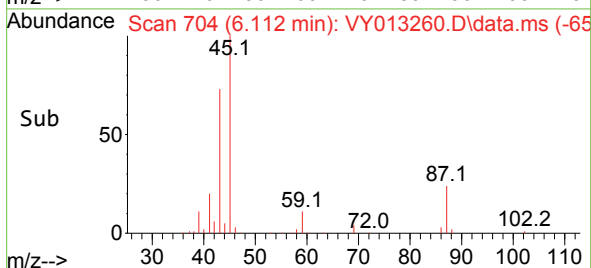
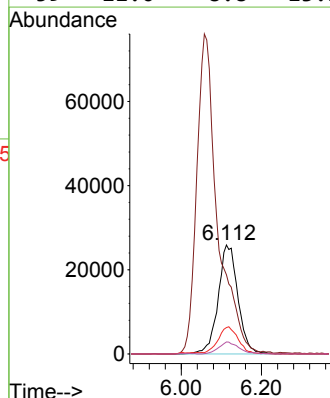
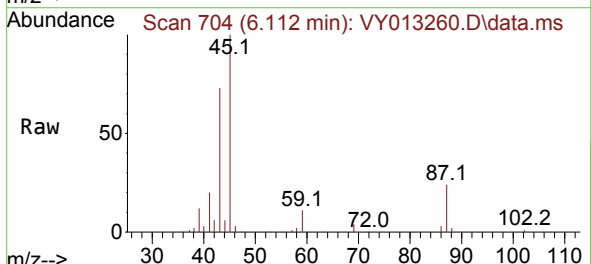
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

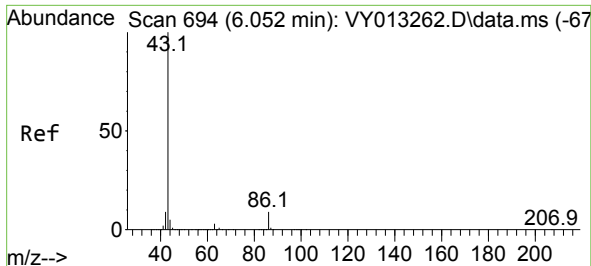
Tgt Ion: 96 Resp: 26667
Ion Ratio Lower Upper
96 100
61 144.6 111.4 167.0
98 57.7 50.8 76.2



#22
Diisopropyl ether
Concen: 10.550 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 45 Resp: 88792
Ion Ratio Lower Upper
45 100
43 71.9 45.0 67.6#
87 24.2 20.3 30.5
59 11.0 8.8 13.2

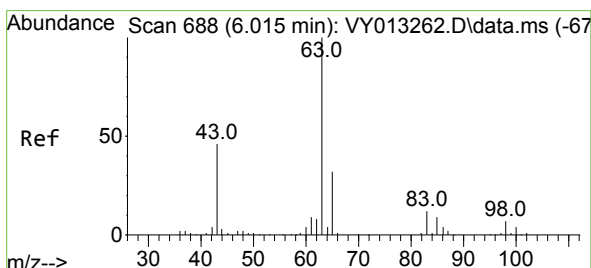
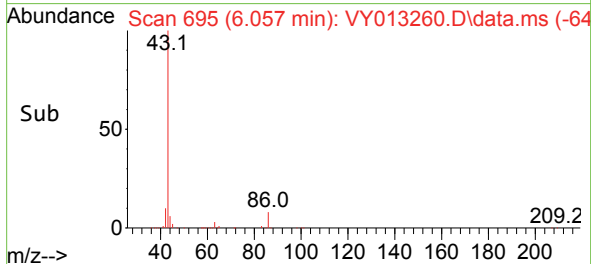
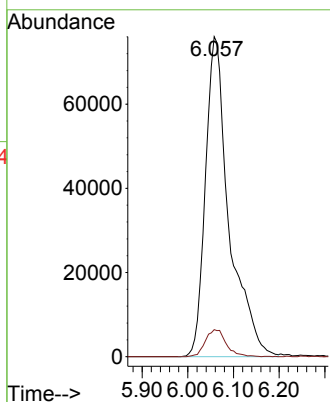
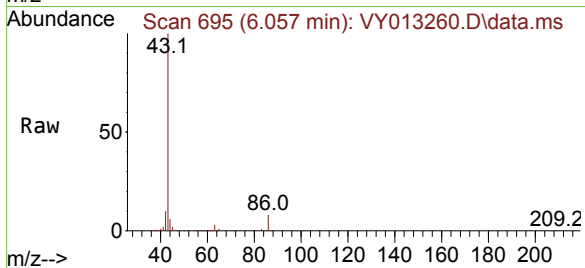




#23
 Vinyl Acetate
 Concen: 51.430 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY013260.D
 Acq: 12 Apr 2023 11:10

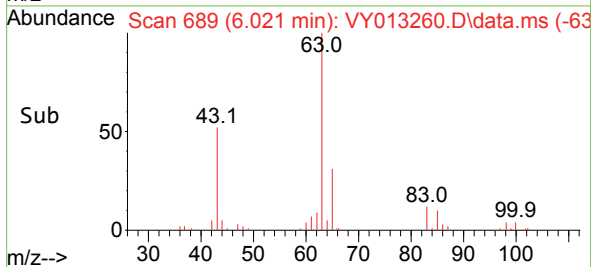
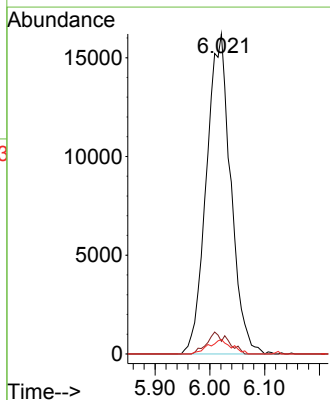
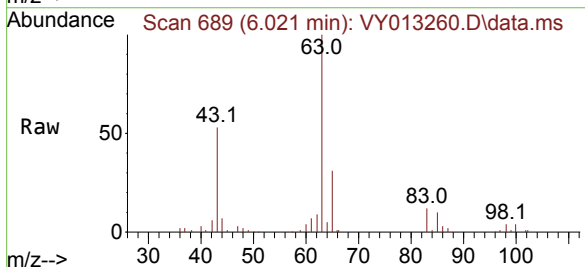
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

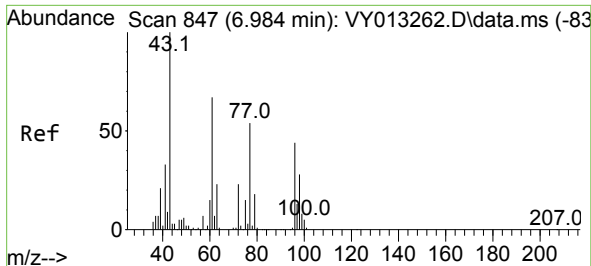
Tgt Ion: 43 Resp: 273642
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 10.617 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013260.D
 Acq: 12 Apr 2023 11:10

Tgt Ion: 63 Resp: 49914
 Ion Ratio Lower Upper
 63 100
 98 4.0 3.7 11.1
 100 4.5 2.3 6.8

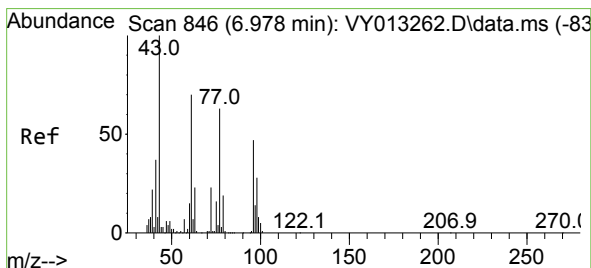
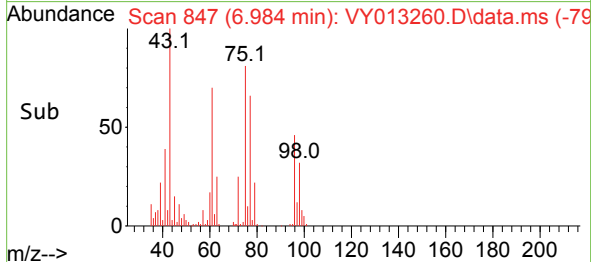
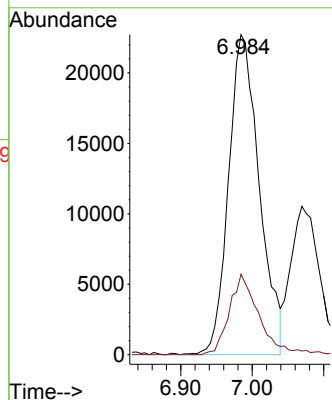
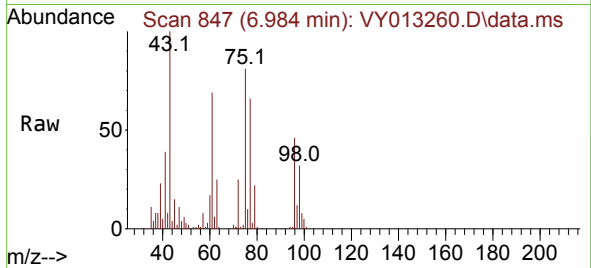




#25
2-Butanone
Concen: 54.067 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

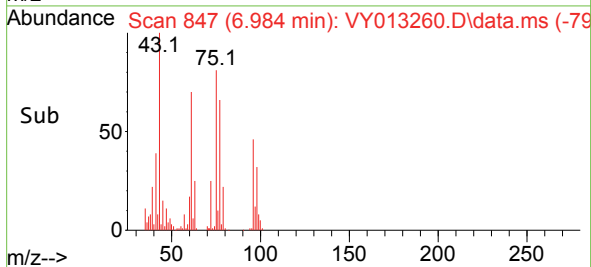
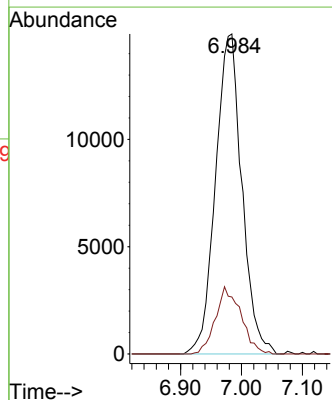
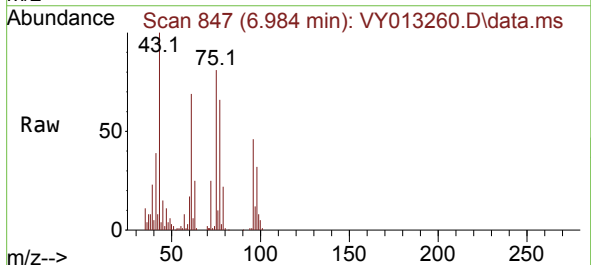
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

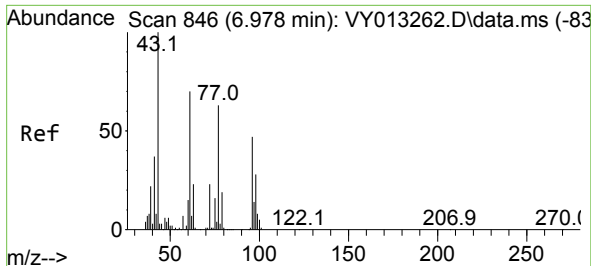
Tgt Ion: 43 Resp: 67960
Ion Ratio Lower Upper
43 100
72 25.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 10.616 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 77 Resp: 44778
Ion Ratio Lower Upper
77 100
97 20.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 10.502 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

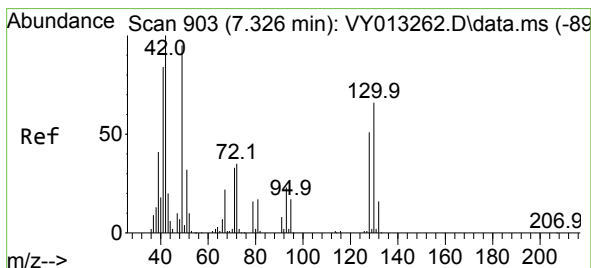
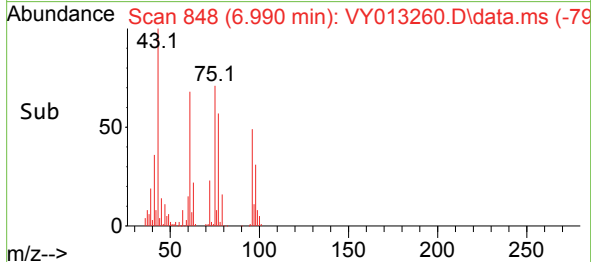
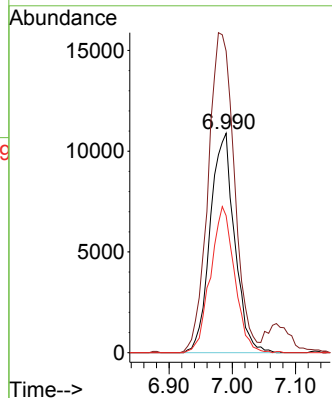
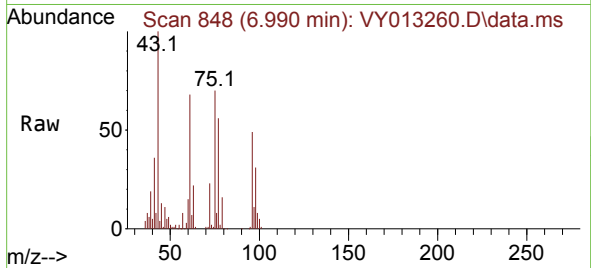
Tgt Ion: 96 Resp: 29144

Ion Ratio Lower Upper

96 100

61 157.4 0.0 295.8

98 65.8 0.0 130.2



#28

Bromochloromethane

Concen: 11.176 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

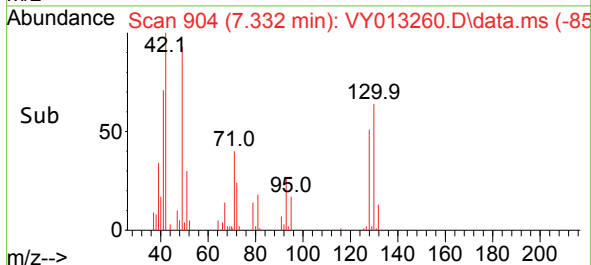
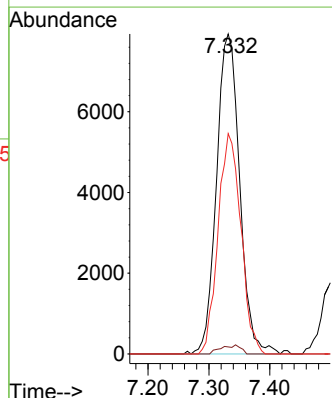
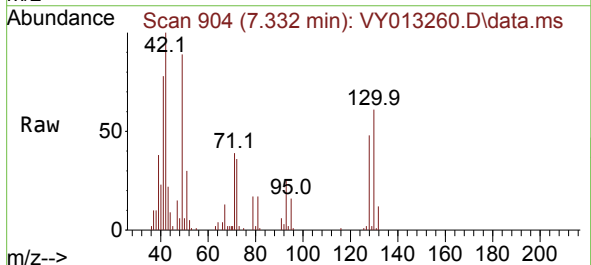
Tgt Ion: 49 Resp: 20941

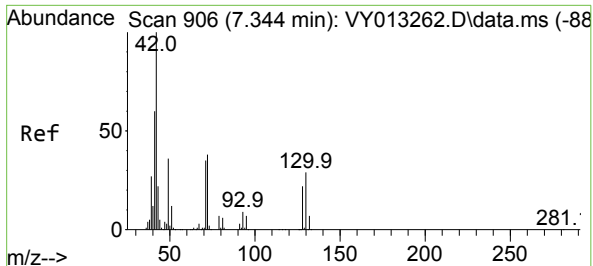
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 67.9 60.5 90.7





#29

Tetrahydrofuran

Concen: 53.387 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

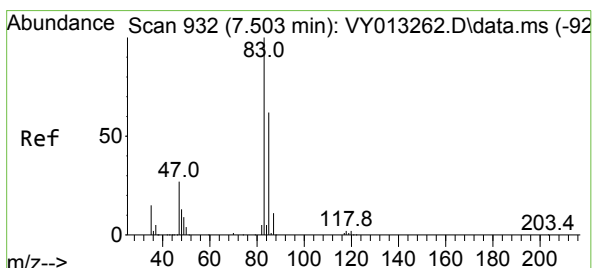
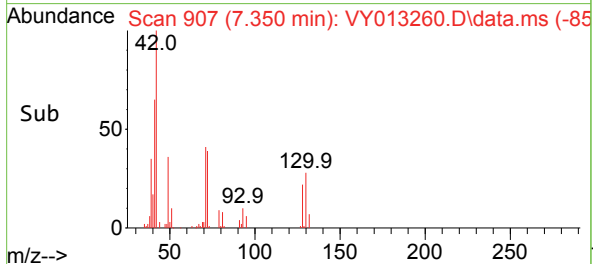
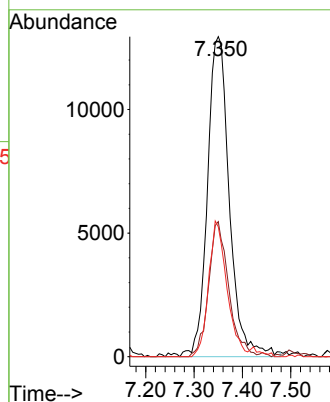
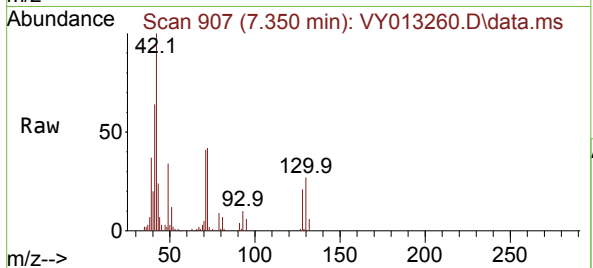
Tgt Ion: 42 Resp: 40757

Ion Ratio Lower Upper

42 100

72 38.7 32.3 48.5

71 35.5 30.3 45.5



#30

Chloroform

Concen: 10.533 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013260.D

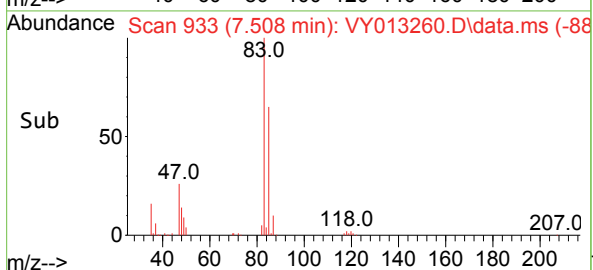
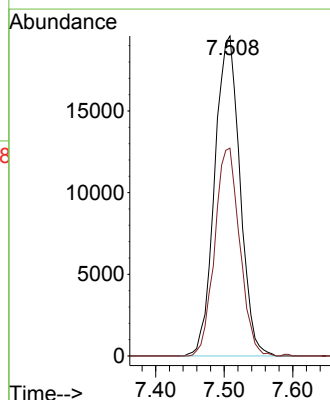
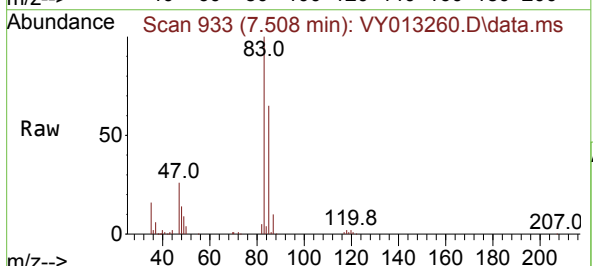
Acq: 12 Apr 2023 11:10

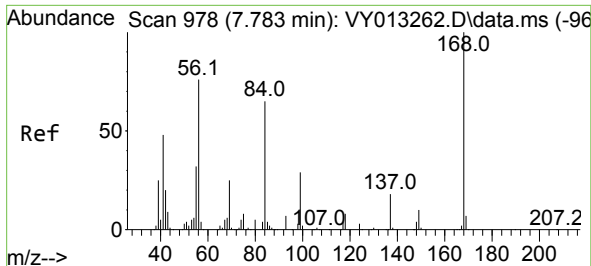
Tgt Ion: 83 Resp: 50113

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

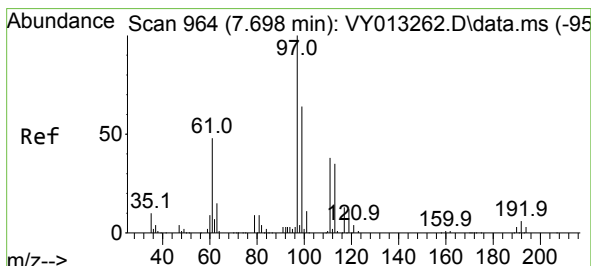
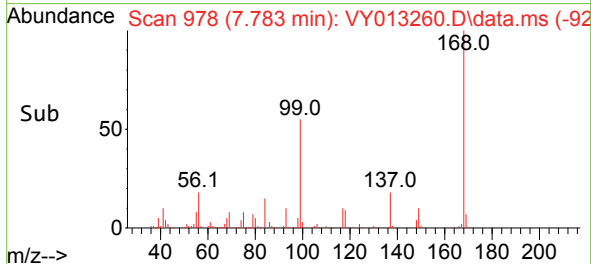
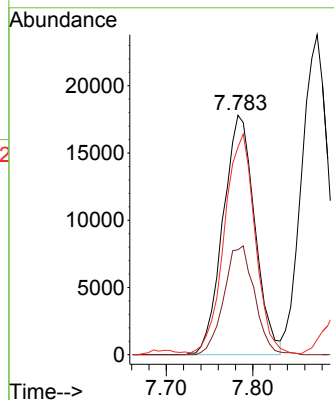
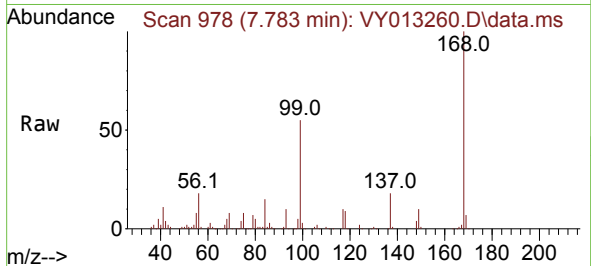




#31
Cyclohexane
Concen: 10.548 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

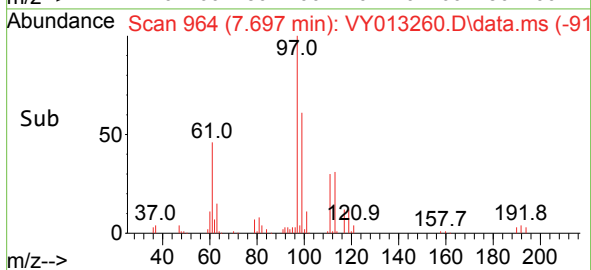
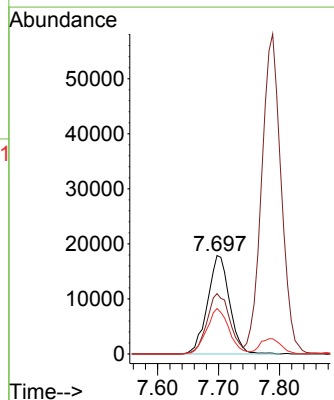
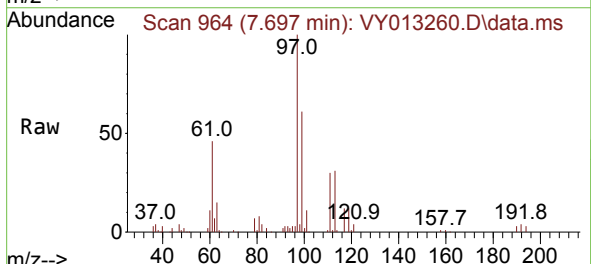
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

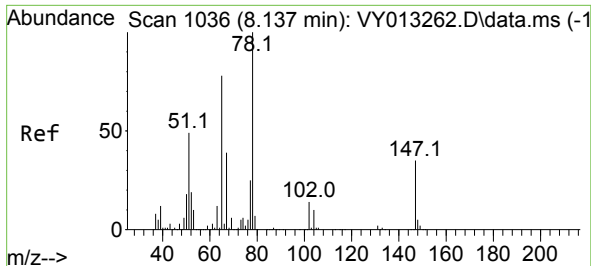
Tgt Ion: 56 Resp: 45538
Ion Ratio Lower Upper
56 100
69 43.8 25.7 38.5#
84 85.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 10.398 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 97 Resp: 44751
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 47.1 34.5 51.7

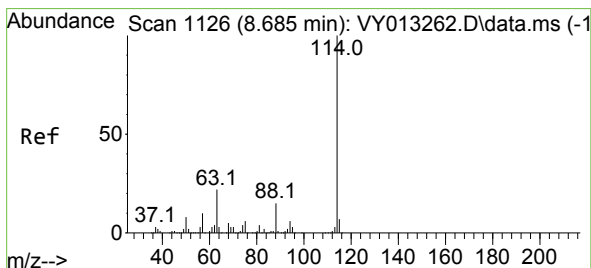
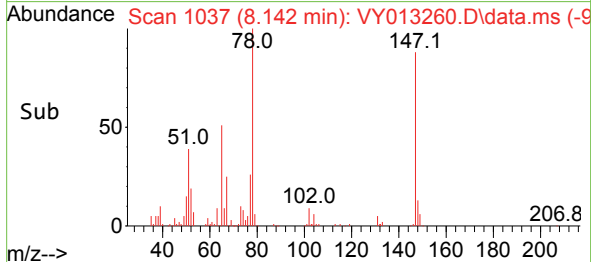
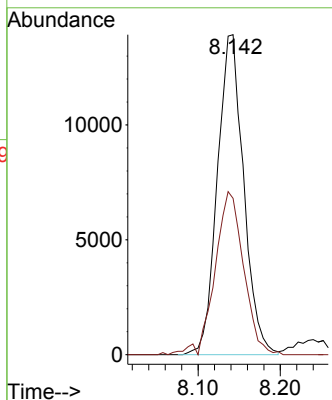
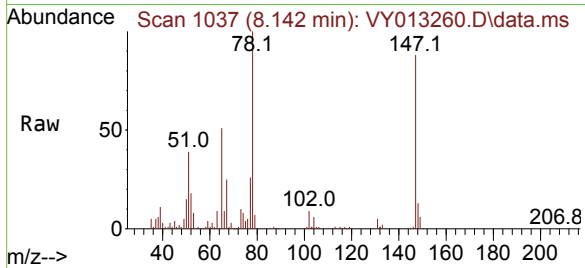




#33
 1,2-Dichloroethane-d4
 Concen: 10.833 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013260.D
 Acq: 12 Apr 2023 11:10

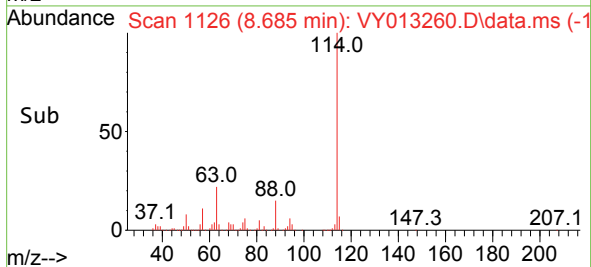
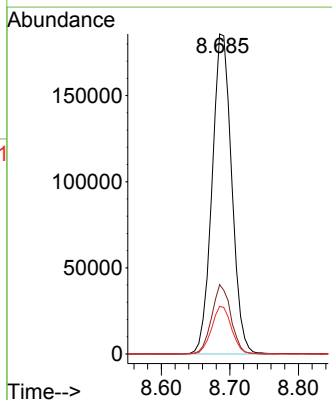
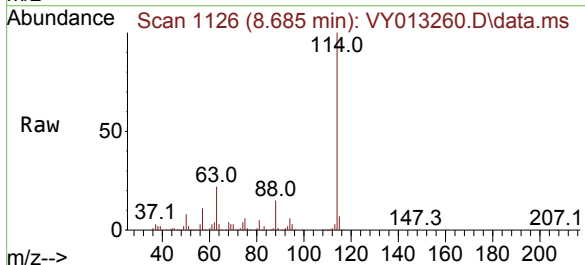
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

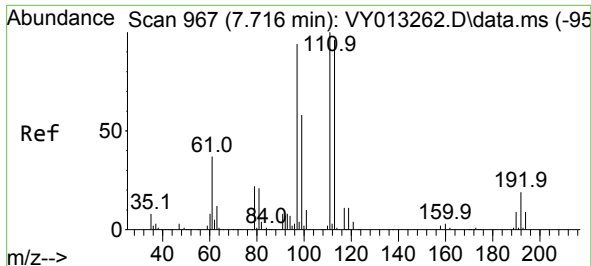
Tgt Ion: 65 Resp: 30930
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013260.D
 Acq: 12 Apr 2023 11:10

Tgt Ion:114 Resp: 368530
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 37.4
 88 14.9 0.0 28.6

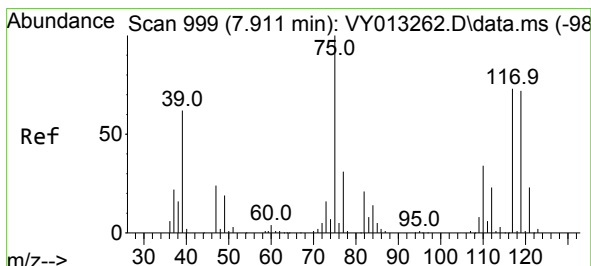
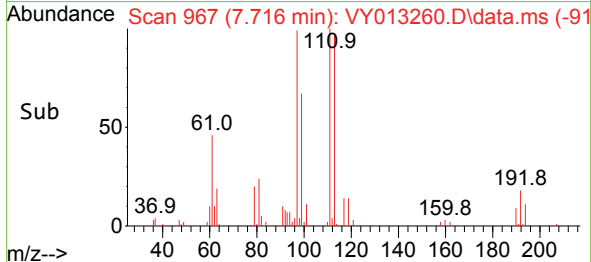
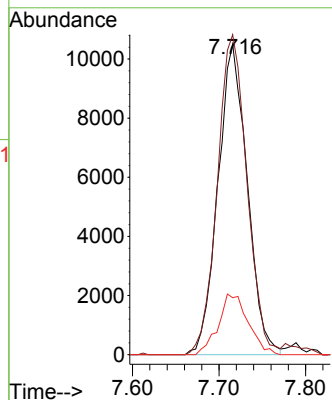
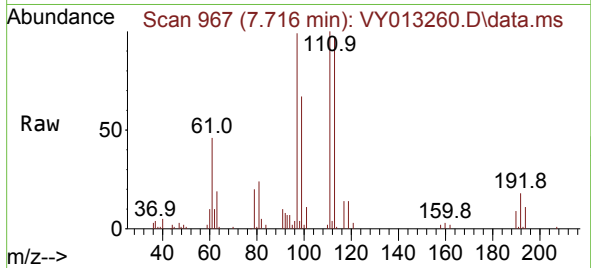




#35
Dibromofluoromethane
Concen: 10.364 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

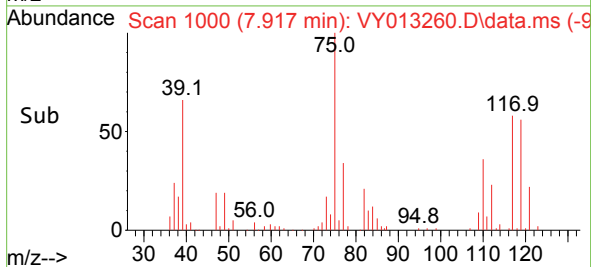
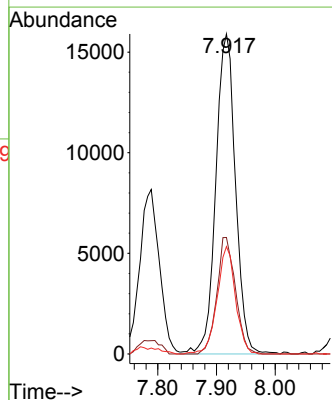
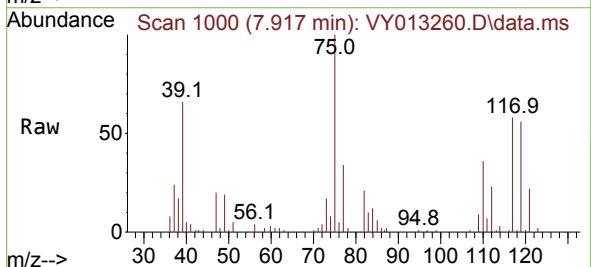
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

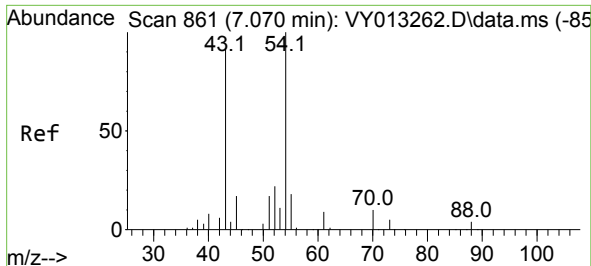
Tgt Ion:113 Resp: 24726
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.224 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 75 Resp: 36955
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 10.644 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

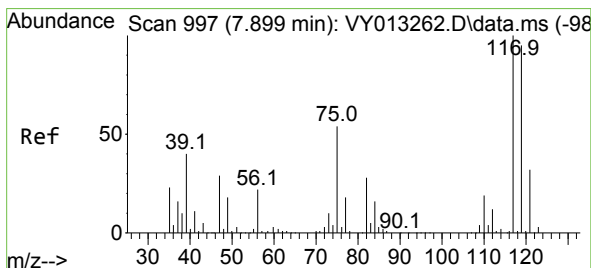
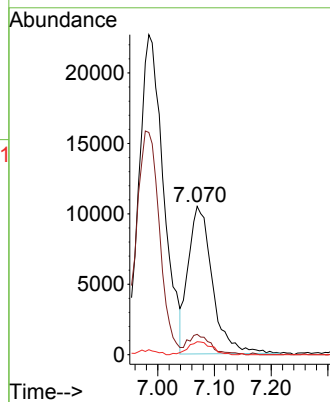
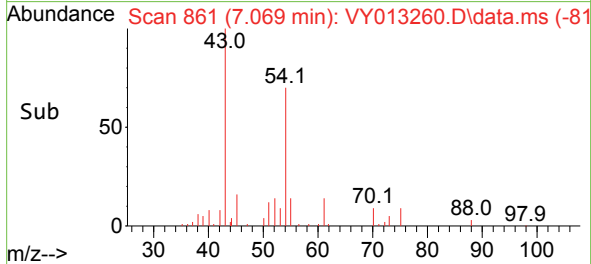
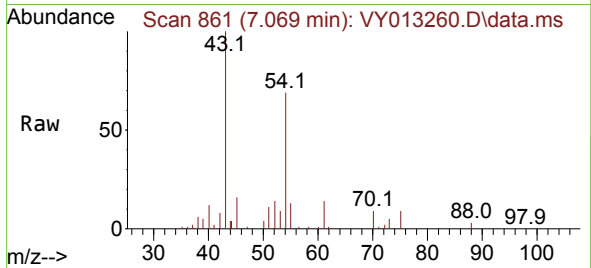
Tgt Ion: 43 Resp: 31012

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 8.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 10.319 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

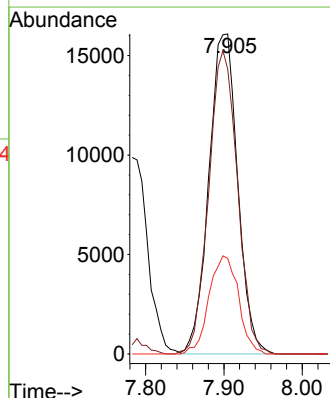
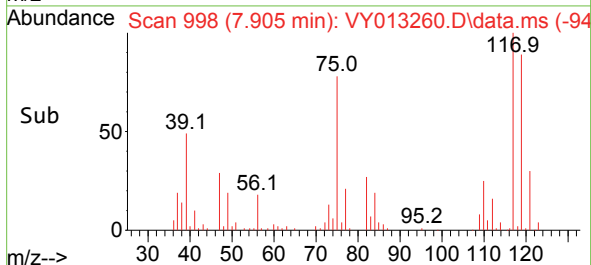
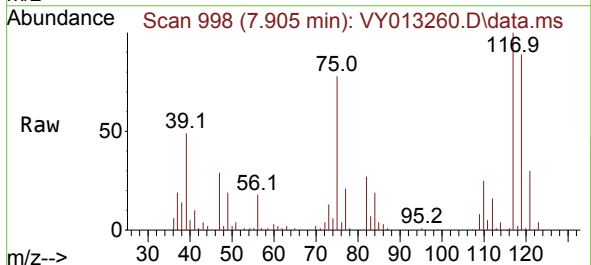
Tgt Ion: 117 Resp: 41239

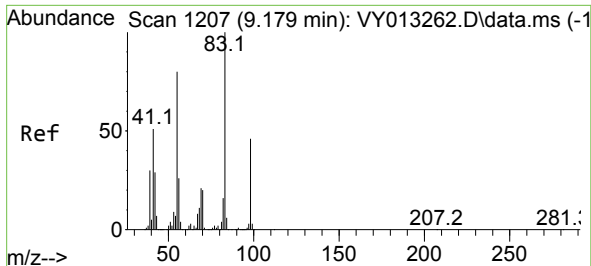
Ion Ratio Lower Upper

117 100

119 89.1 77.2 115.8

121 29.9 24.7 37.1





#39

Methylcyclohexane

Concen: 10.002 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

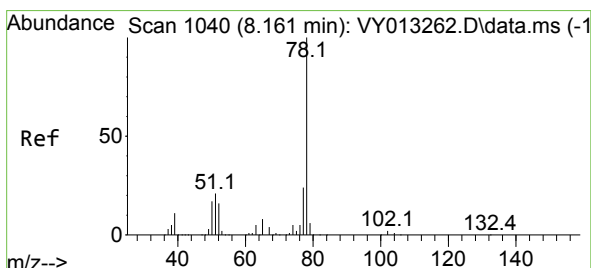
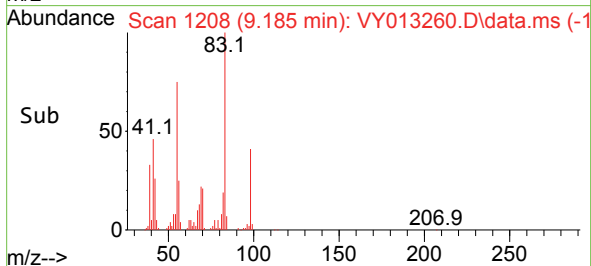
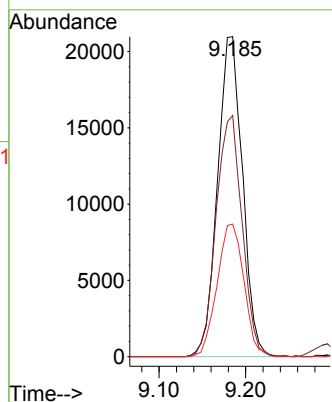
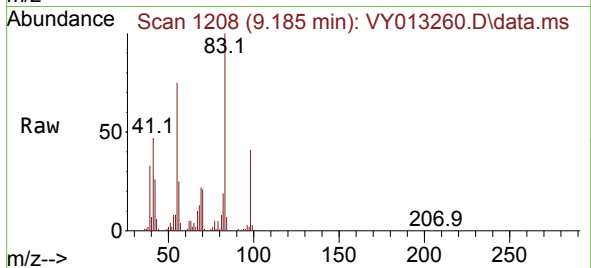
Tgt Ion: 83 Resp: 42025

Ion Ratio Lower Upper

83 100

55 75.3 60.0 90.0

98 41.5 38.3 57.5



#40

Benzene

Concen: 10.554 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013260.D

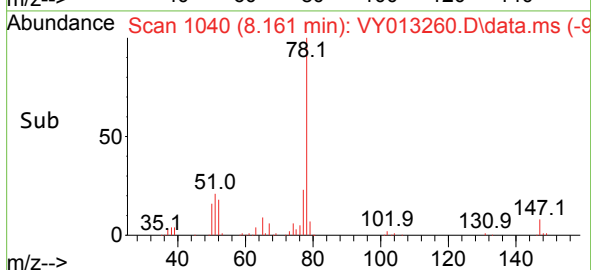
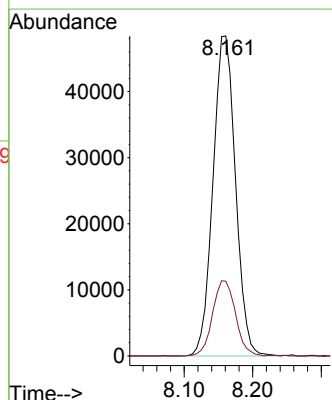
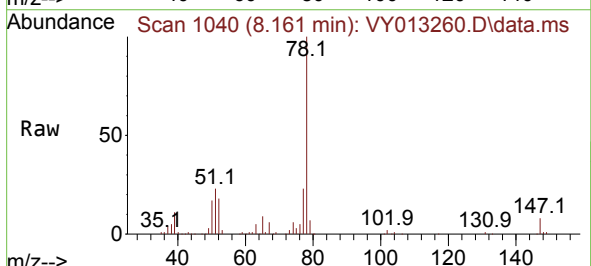
Acq: 12 Apr 2023 11:10

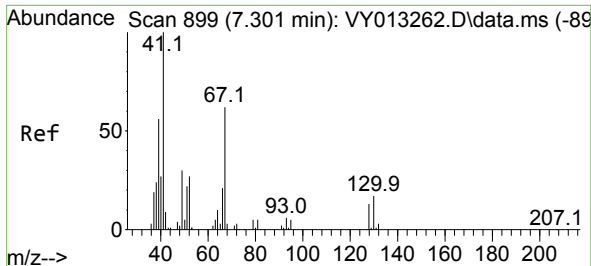
Tgt Ion: 78 Resp: 110401

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

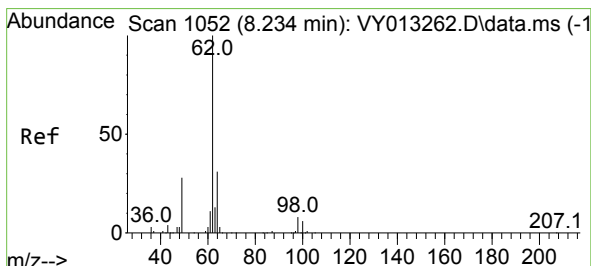
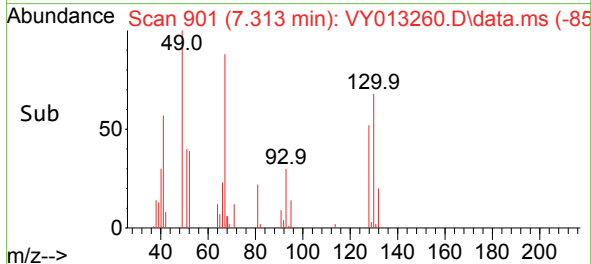
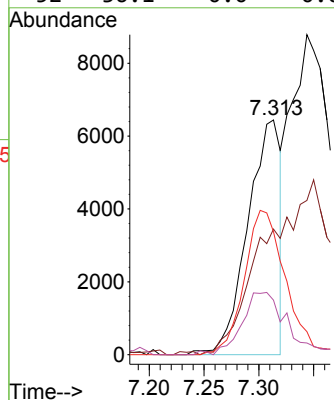
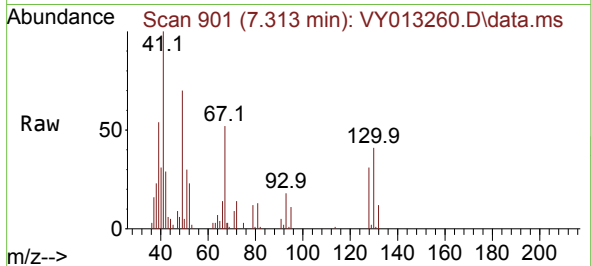




#41
Methacrylonitrile
Concen: 10.237 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

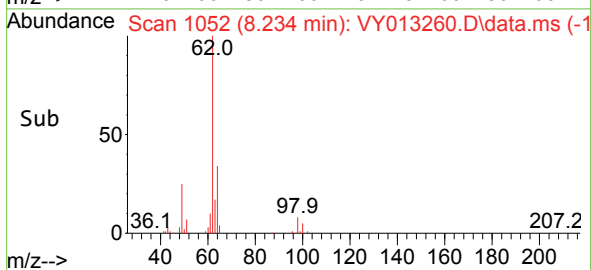
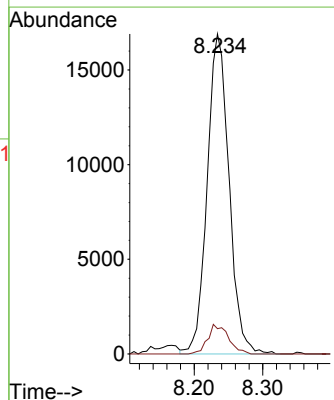
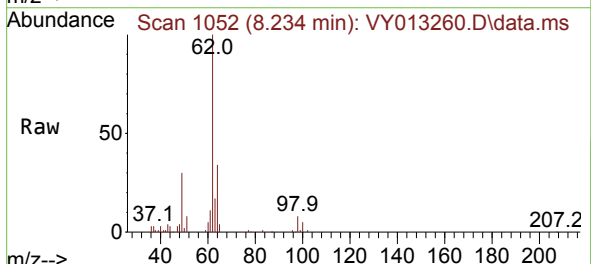
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

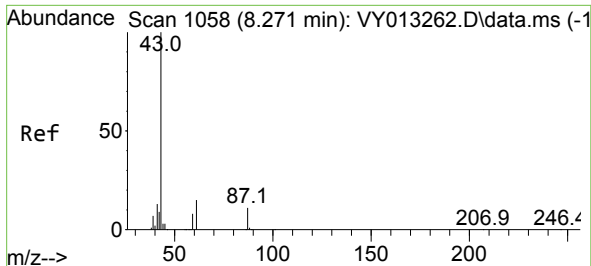
Tgt Ion:	41	Resp:	13477
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	76.7	0.0	0.0#
52	36.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 10.565 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion:	62	Resp:	37471
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.8

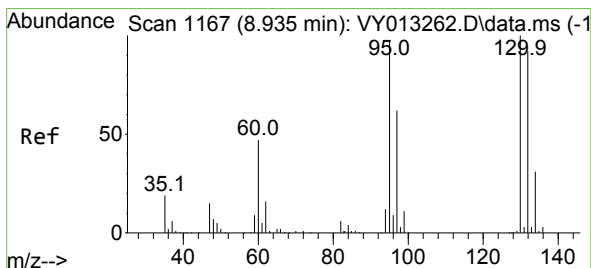
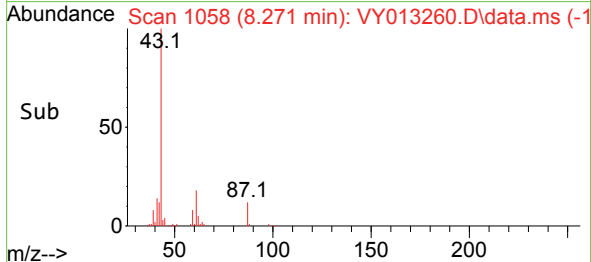
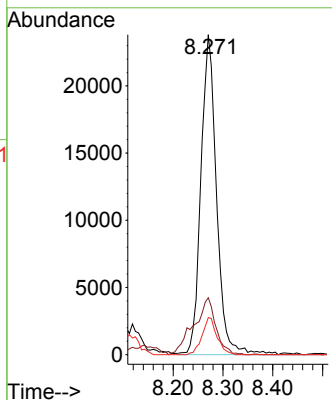
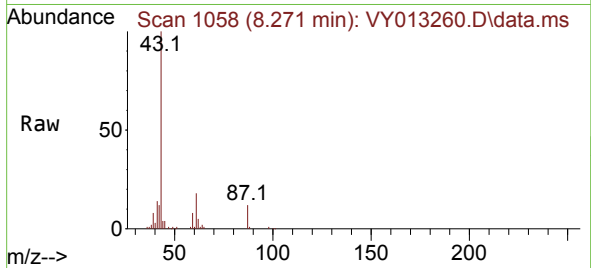




#43
Isopropyl Acetate
Concen: 10.720 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

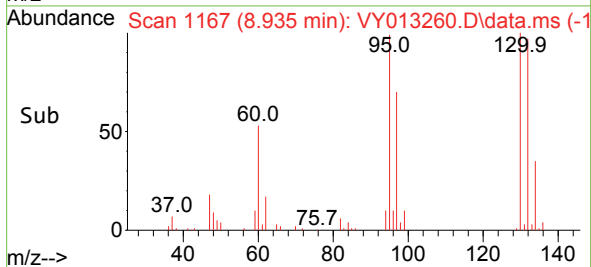
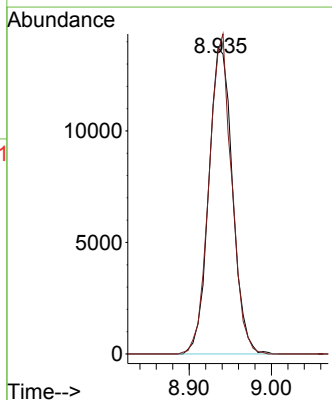
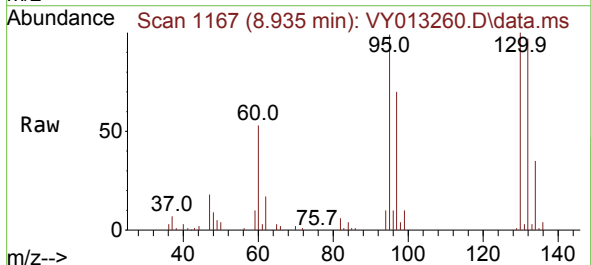
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

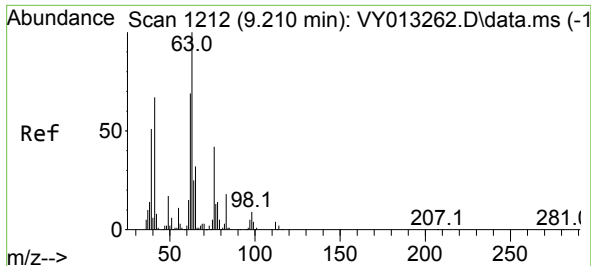
Tgt Ion:	43	Resp:	51879
Ion	Ratio	Lower	Upper
43	100		
61	25.1	21.6	32.4
87	11.0	9.9	14.9



#44
Trichloroethene
Concen: 10.239 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion:	130	Resp:	27593
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	185.0





#45

1,2-Dichloropropane

Concen: 10.533 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

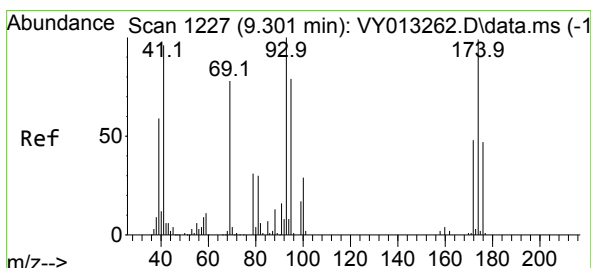
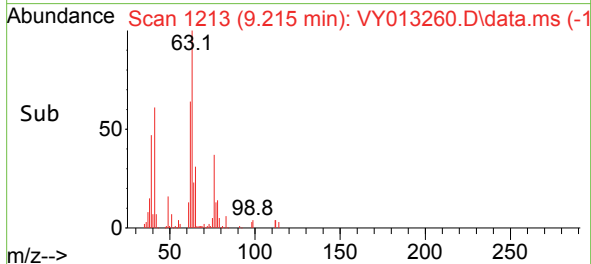
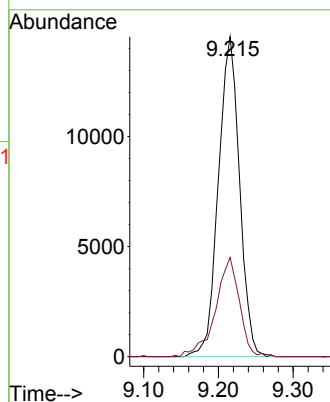
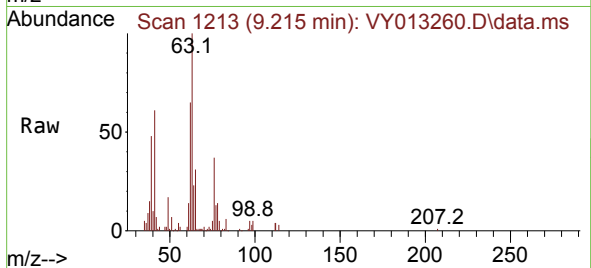
VSTDIC010

Tgt Ion: 63 Resp: 28598

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 10.391 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

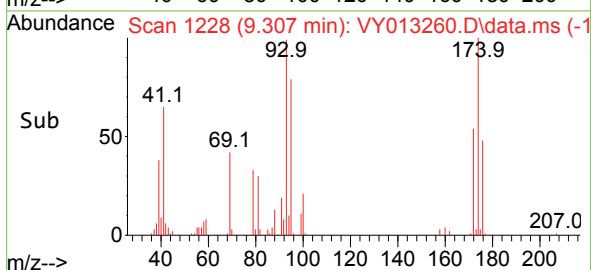
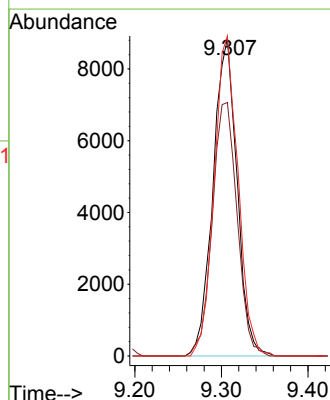
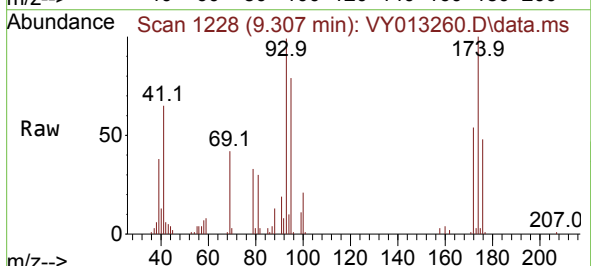
Tgt Ion: 93 Resp: 16980

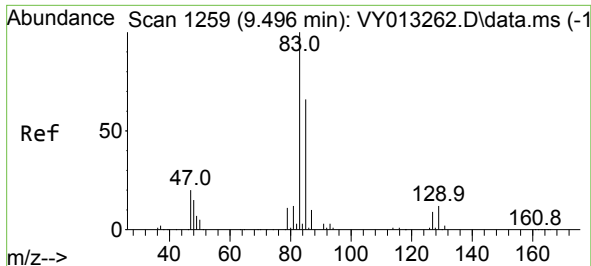
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 100.1 81.3 121.9

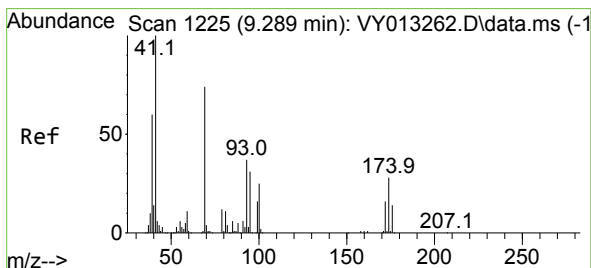
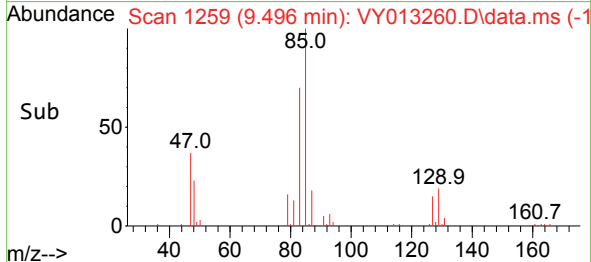
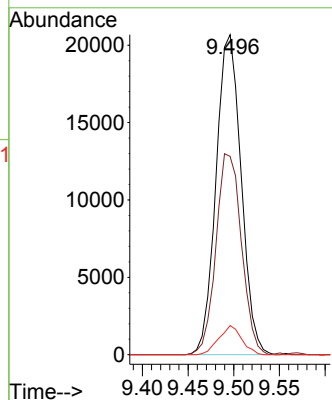
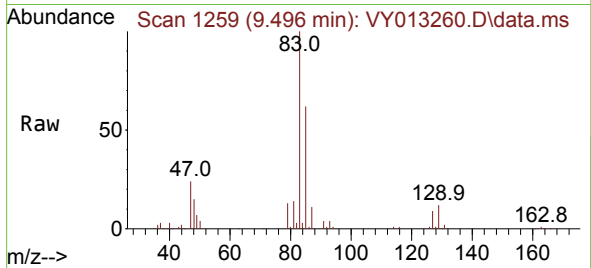




#47
Bromodichloromethane
Concen: 10.578 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

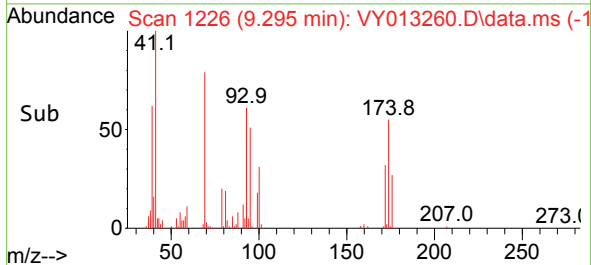
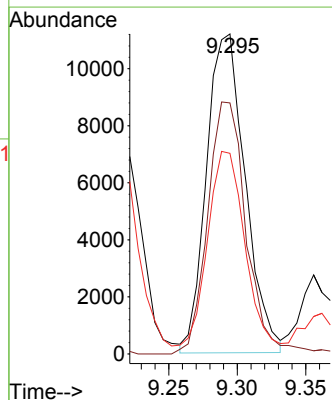
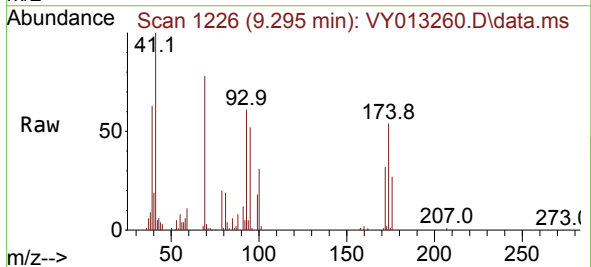
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

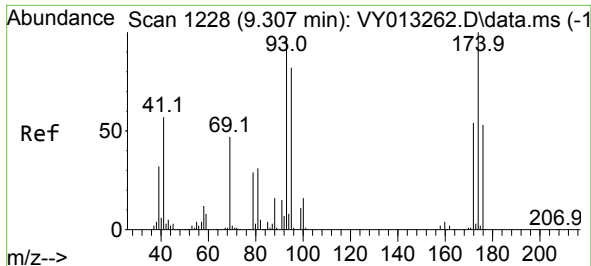
Tgt Ion: 83 Resp: 39517
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 9.896 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 41 Resp: 21998
Ion Ratio Lower Upper
41 100
69 78.7 64.1 96.1
39 57.9 44.0 66.0

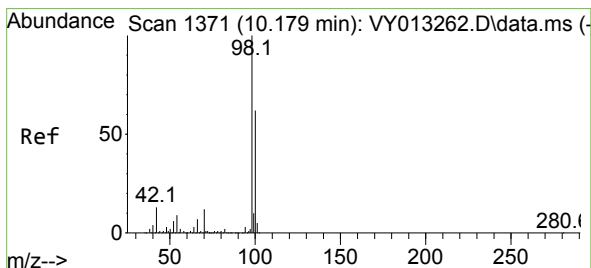
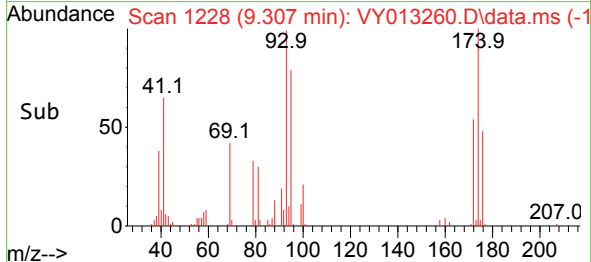
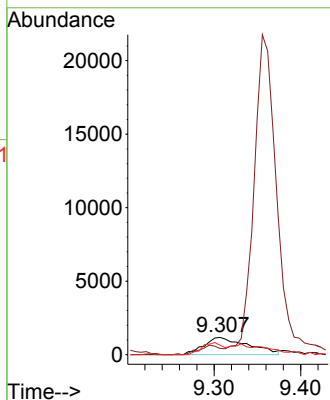
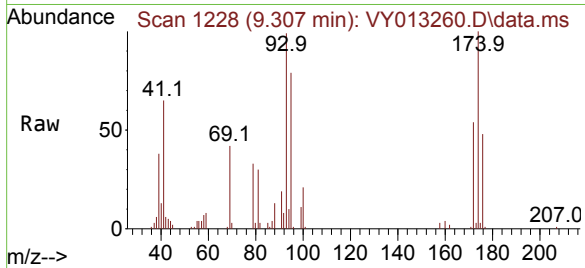




#49
1,4-Dioxane
Concen: 190.015 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

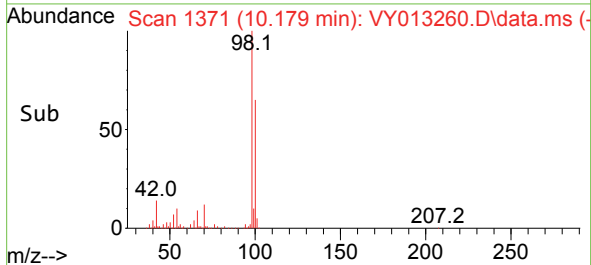
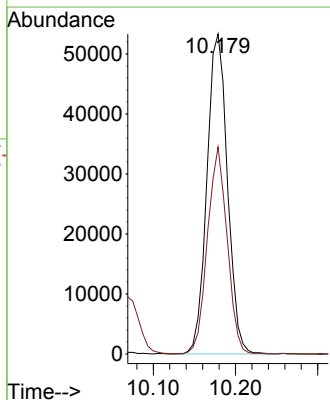
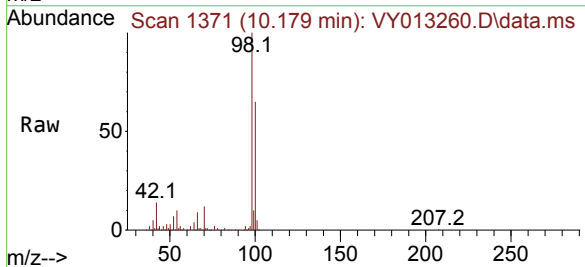
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

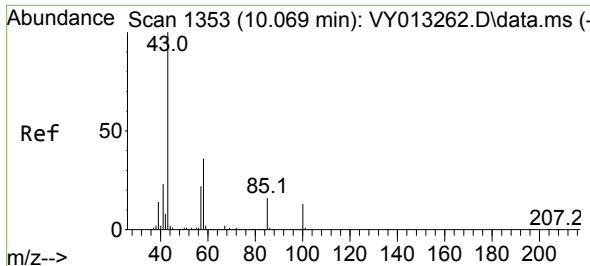
Tgt Ion: 88 Resp: 4207
Ion Ratio Lower Upper
88 100
43 28.6 28.6 42.8
58 33.0 55.2 82.8#



#50
Toluene-d8
Concen: 10.427 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 98 Resp: 92595
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

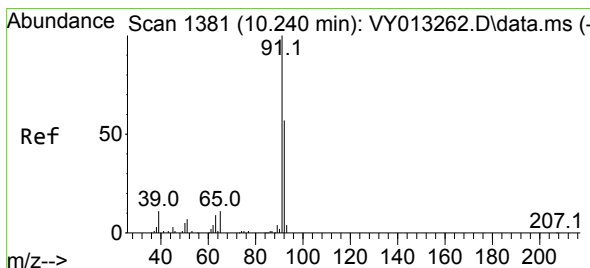
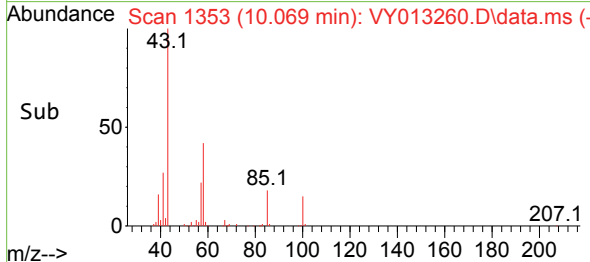
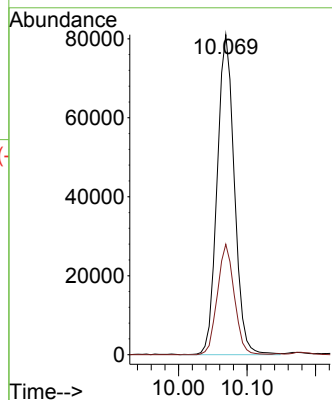
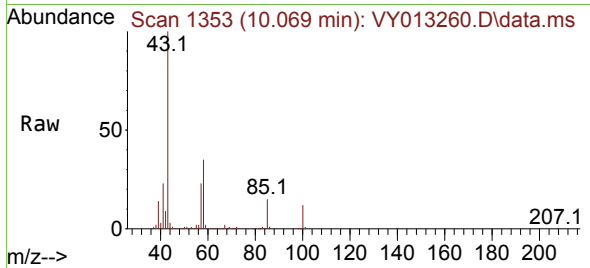




#51
4-Methyl-2-Pentanone
Concen: 53.587 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

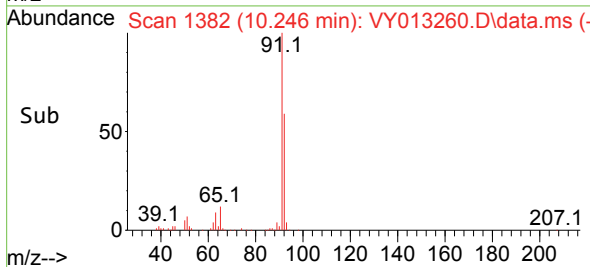
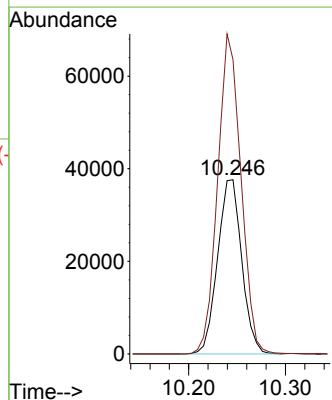
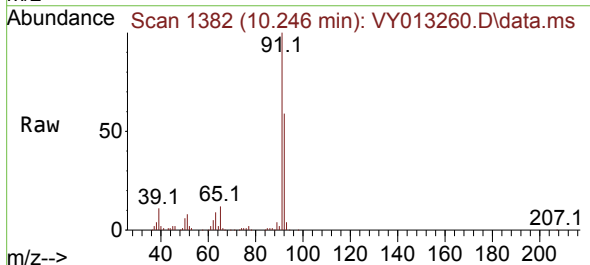
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

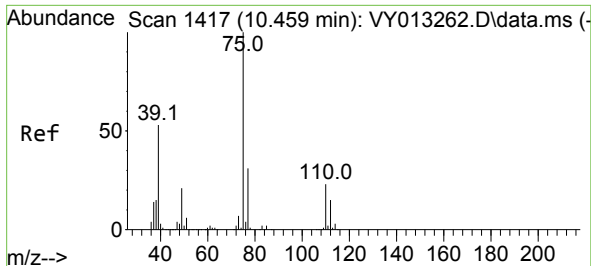
Tgt Ion: 43 Resp: 141132
Ion Ratio Lower Upper
43 100
58 33.9 29.8 44.6



#52
Toluene
Concen: 10.332 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 92 Resp: 65266
Ion Ratio Lower Upper
92 100
91 177.5 141.3 211.9

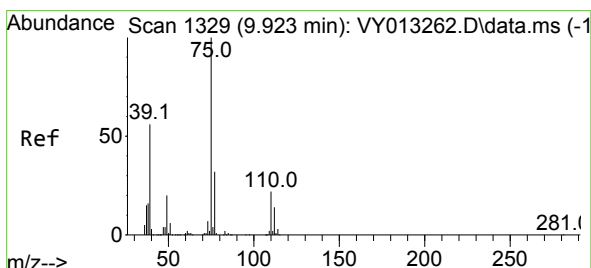
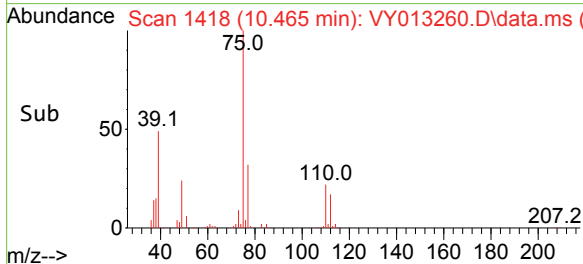
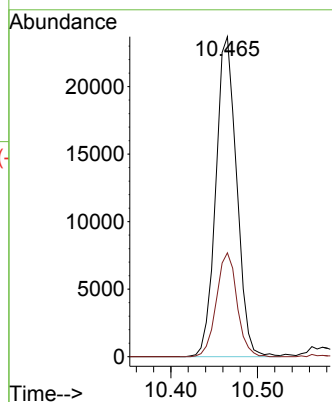
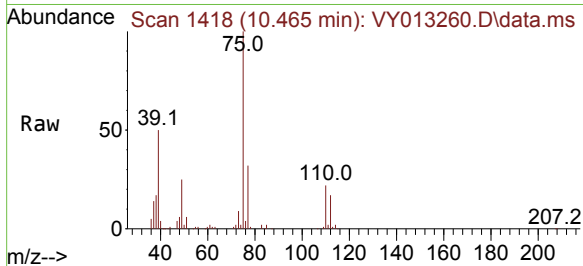




#53
t-1,3-Dichloropropene
Concen: 10.126 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

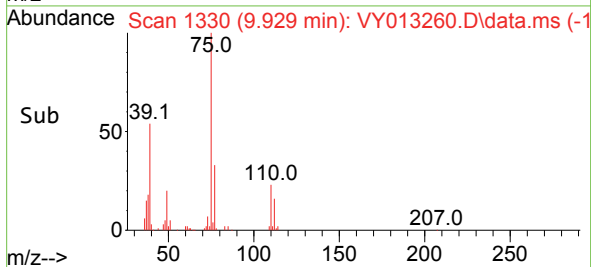
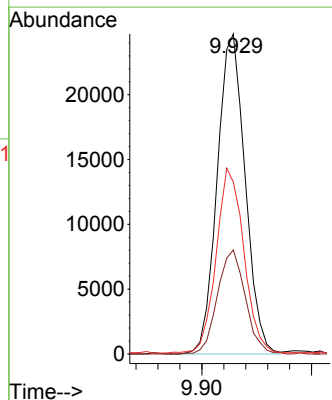
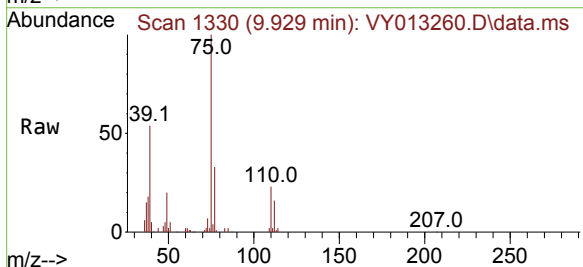
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

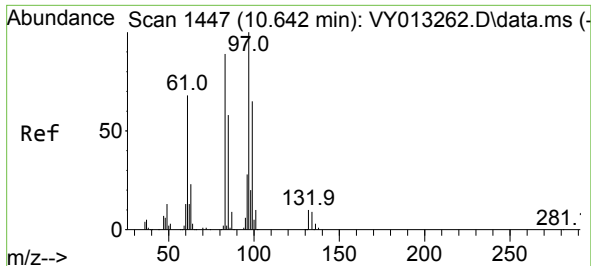
Tgt Ion: 75 Resp: 39615
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 10.183 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 75 Resp: 43681
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 53.3 39.0 58.4

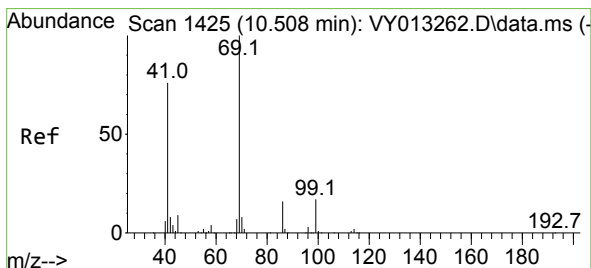
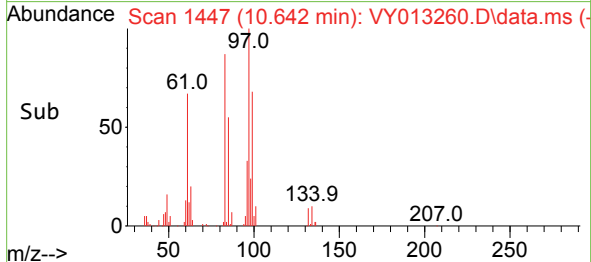
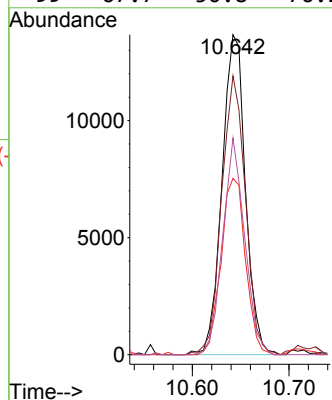
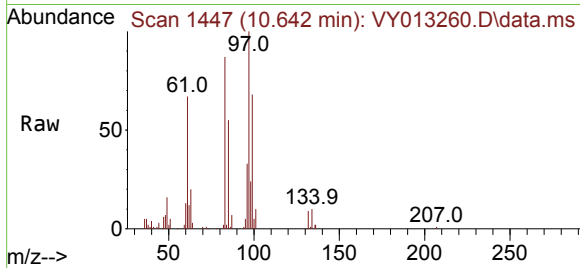




#55
1,1,2-Trichloroethane
Concen: 10.641 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

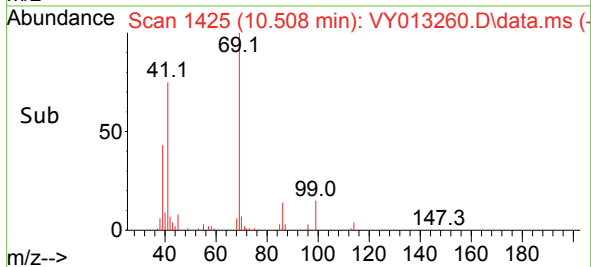
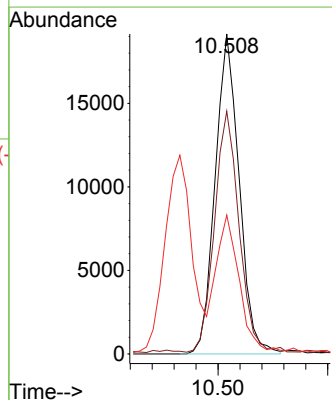
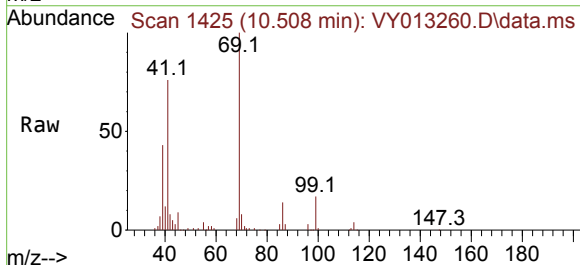
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

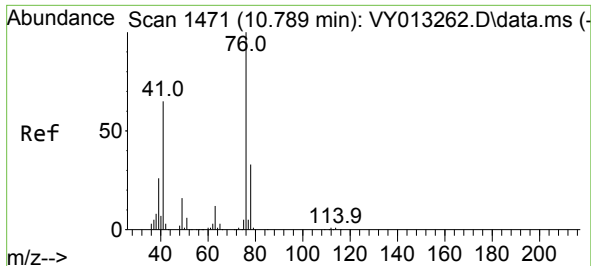
Tgt Ion: 97	Resp: 22928
Ion Ratio	Lower Upper
97 100	
83 87.1	69.0 103.6
85 55.1	44.9 67.3
99 67.7	50.8 76.2



#56
Ethyl methacrylate
Concen: 9.882 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 69	Resp: 29154
Ion Ratio	Lower Upper
69 100	
41 76.9	56.4 84.6
39 40.2	30.8 46.2

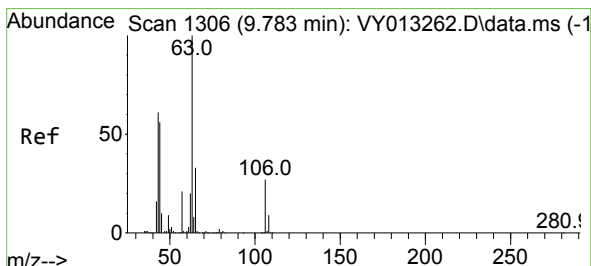
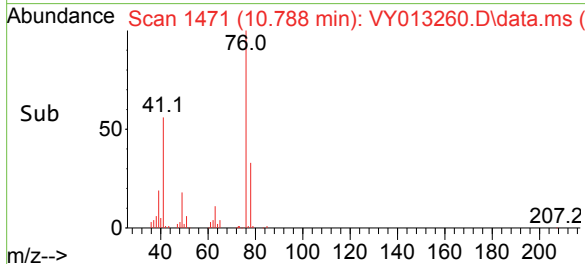
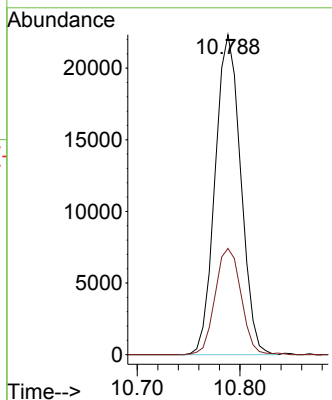
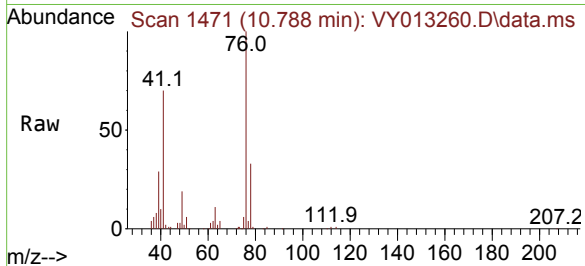




#57
1,3-Dichloropropane
Concen: 10.550 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

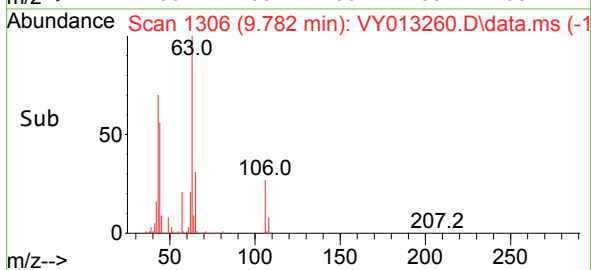
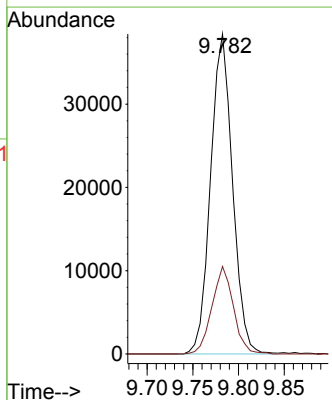
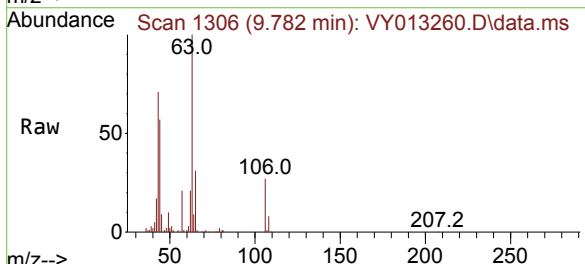
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

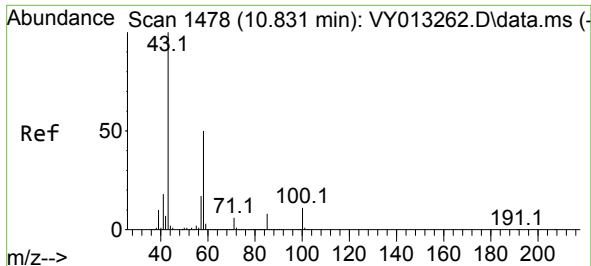
Tgt Ion: 76 Resp: 38662
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 51.985 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 63 Resp: 64037
Ion Ratio Lower Upper
63 100
106 26.8 22.1 33.1





#59

2-Hexanone

Concen: 52.845 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

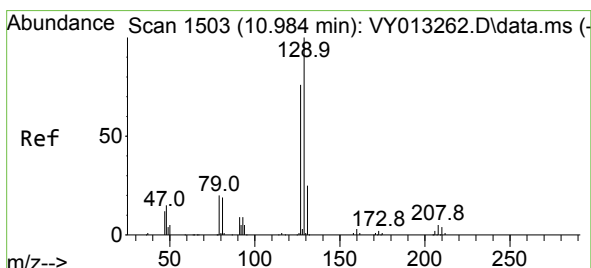
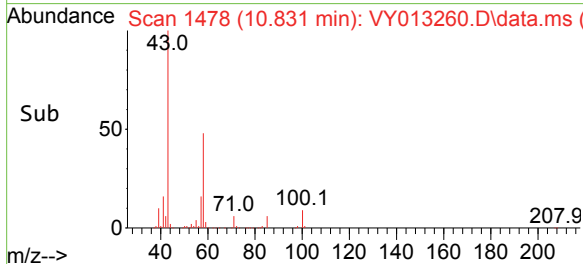
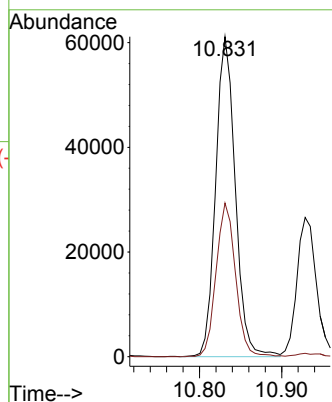
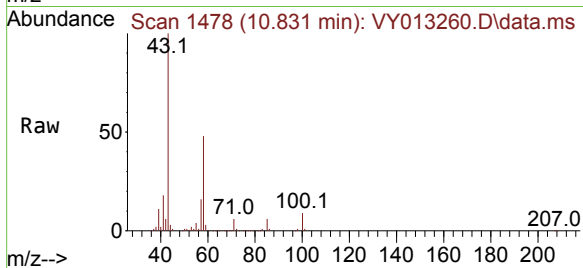
VSTDIC010

Tgt Ion: 43 Resp: 101198

Ion Ratio Lower Upper

43 100

58 47.6 25.9 77.8



#60

Dibromochloromethane

Concen: 10.265 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY013260.D

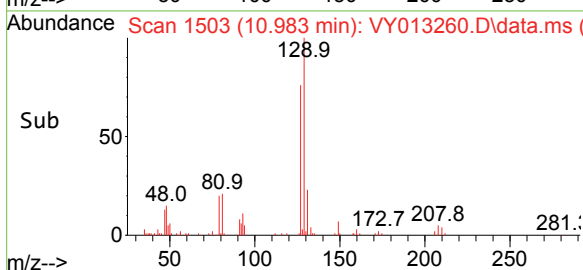
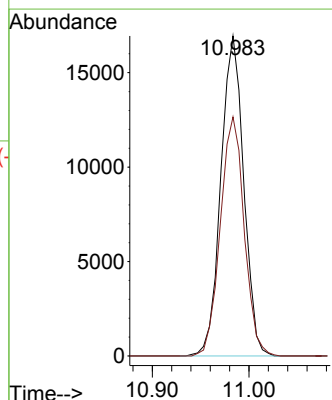
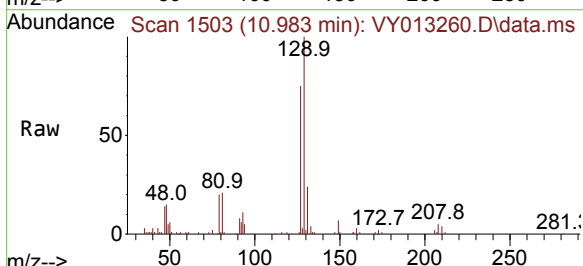
Acq: 12 Apr 2023 11:10

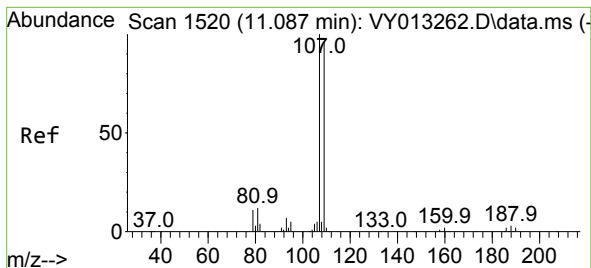
Tgt Ion:129 Resp: 27733

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 10.283 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

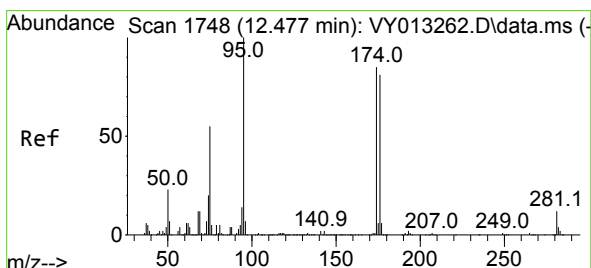
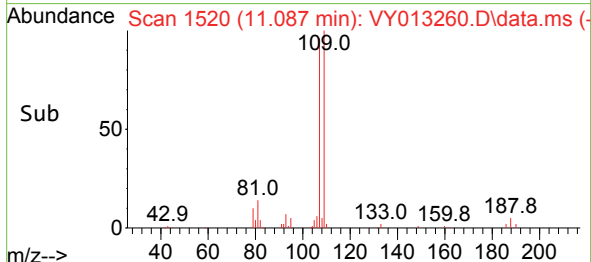
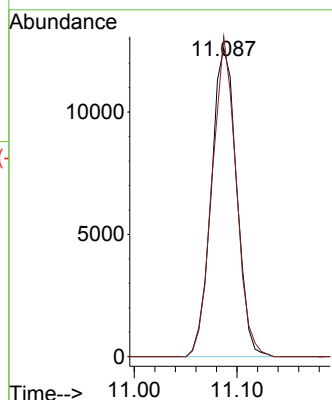
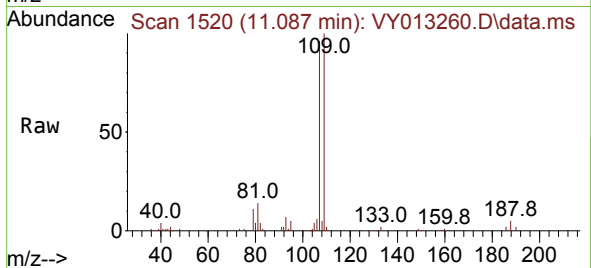
VSTDIC010

Tgt Ion:107 Resp: 21575

Ion Ratio Lower Upper

107 100

109 98.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 10.376 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

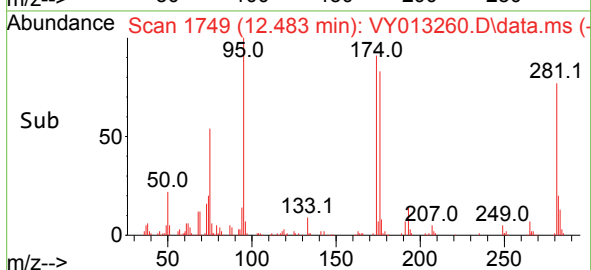
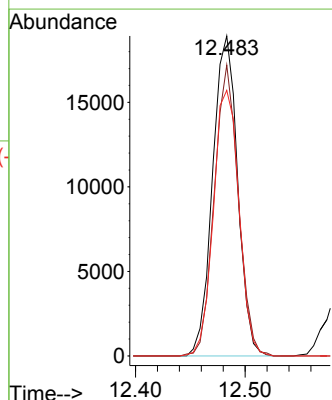
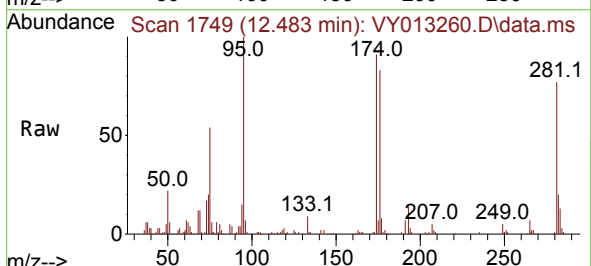
Tgt Ion: 95 Resp: 29940

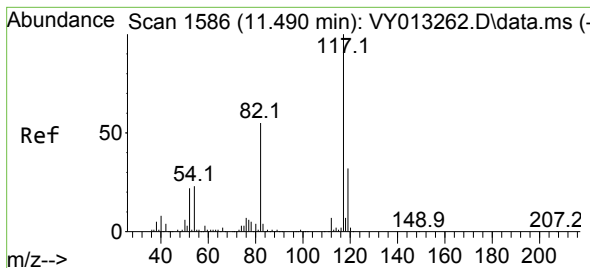
Ion Ratio Lower Upper

95 100

174 87.3 0.0 176.6

176 85.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

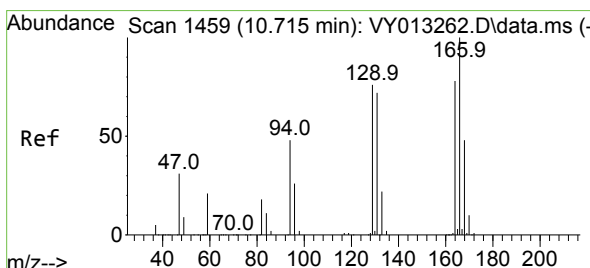
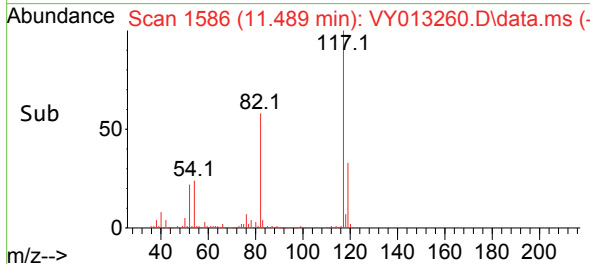
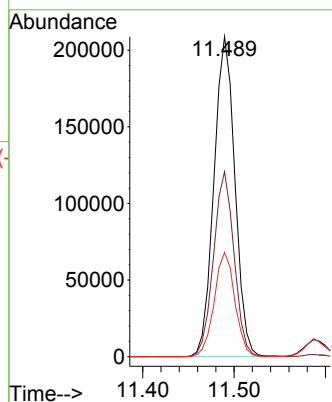
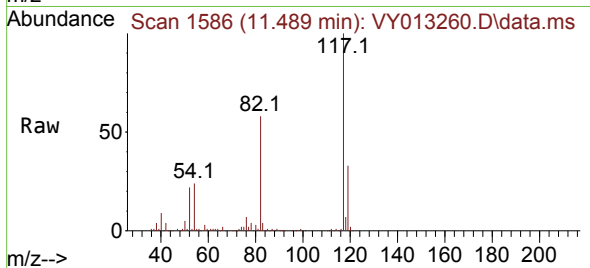
Tgt Ion:117 Resp: 332981

Ion Ratio Lower Upper

117 100

82 57.8 45.4 68.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 10.315 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Tgt Ion:164 Resp: 24232

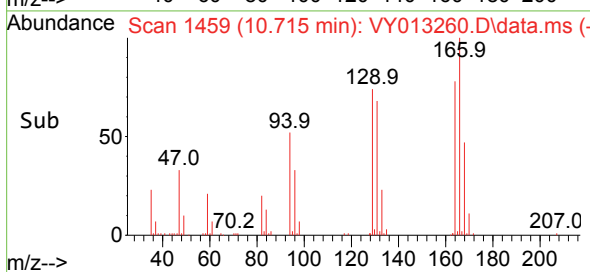
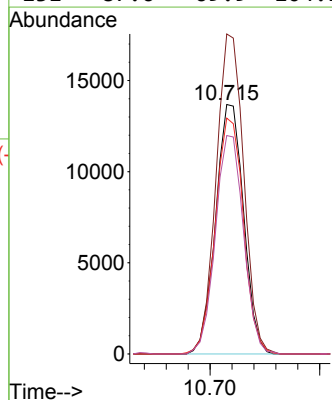
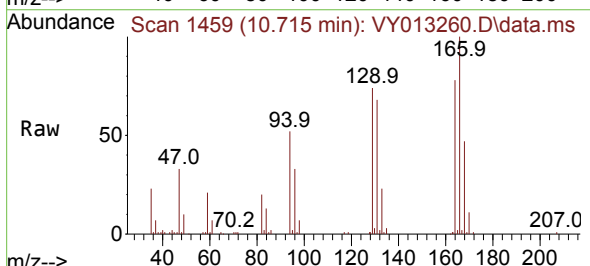
Ion Ratio Lower Upper

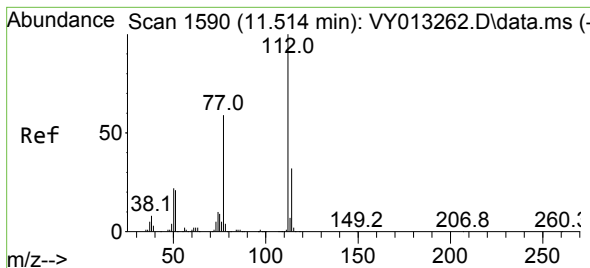
164 100

166 128.3 103.4 155.2

129 94.6 71.4 107.2

131 87.6 69.9 104.9





#65

Chlorobenzene

Concen: 10.417 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

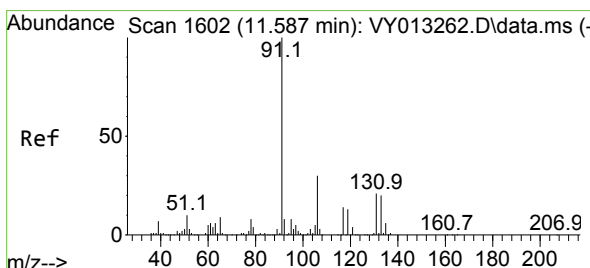
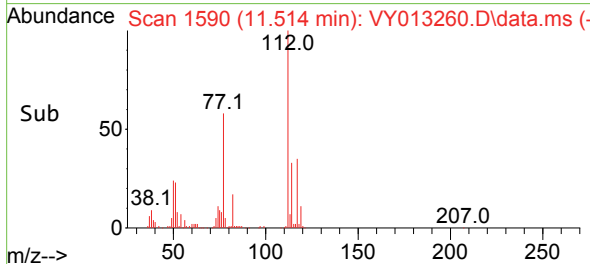
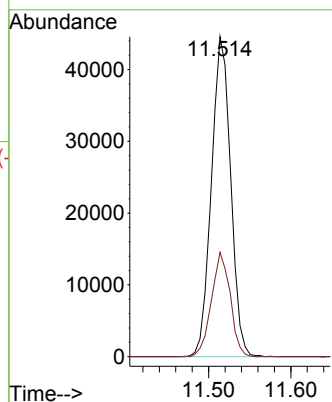
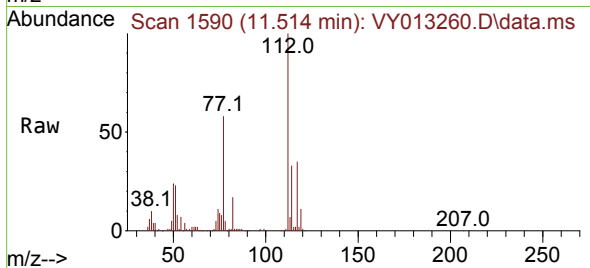
VSTDIC010

Tgt Ion:112 Resp: 72563

Ion Ratio Lower Upper

112 100

114 32.6 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.286 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

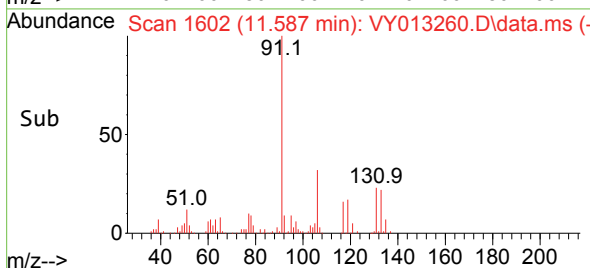
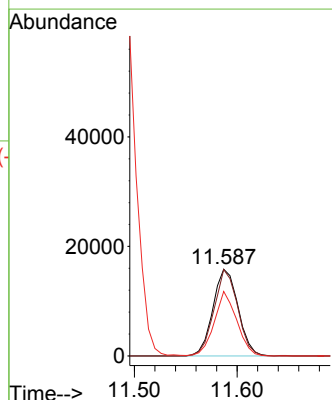
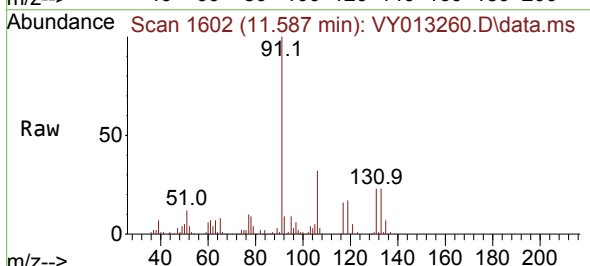
Tgt Ion:131 Resp: 26888

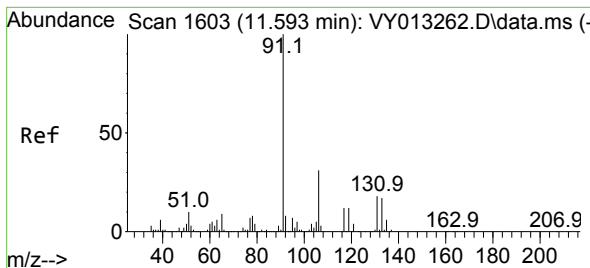
Ion Ratio Lower Upper

131 100

133 93.8 48.0 144.0

119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 9.997 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

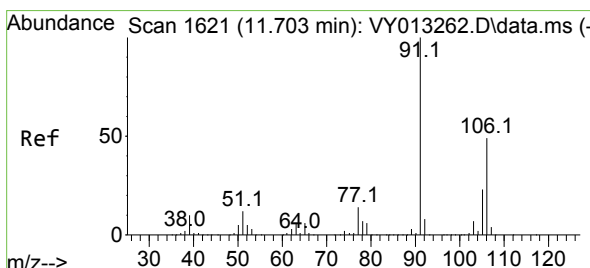
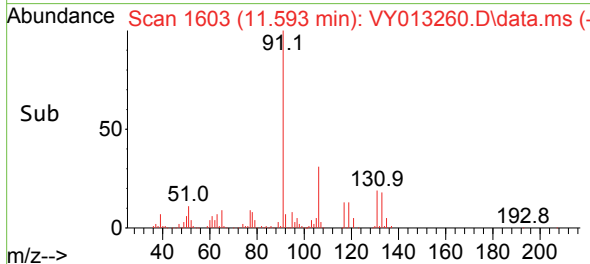
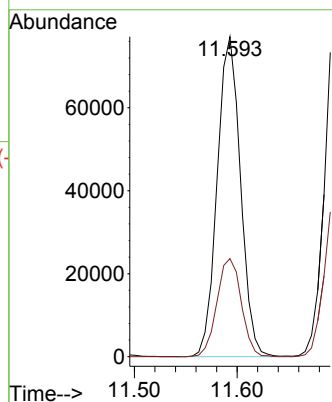
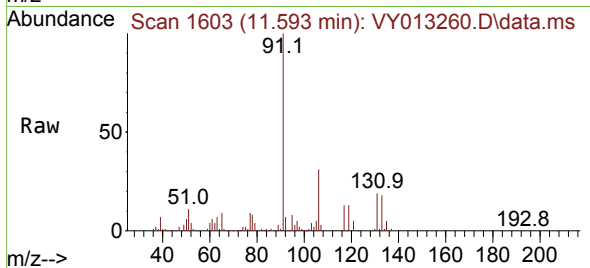
VSTDIC010

Tgt Ion: 91 Resp: 121283

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



#68

m/p-Xylenes

Concen: 20.399 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013260.D

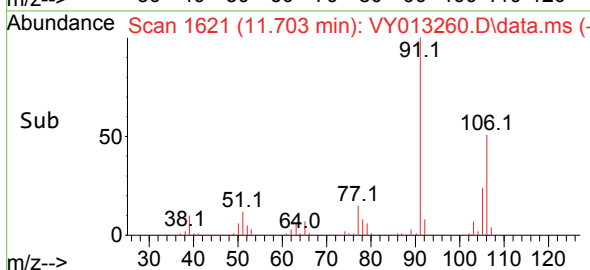
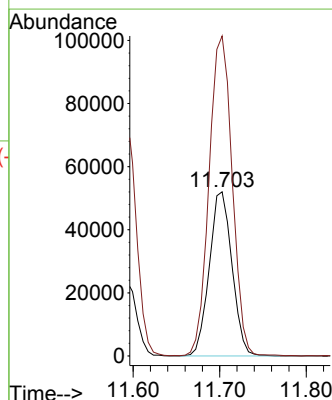
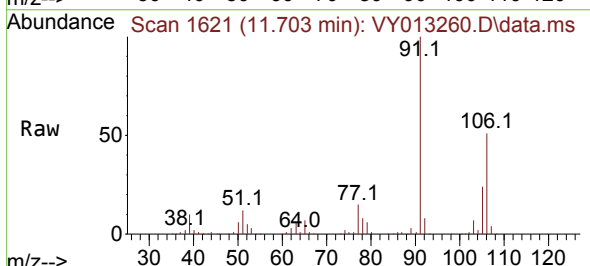
Acq: 12 Apr 2023 11:10

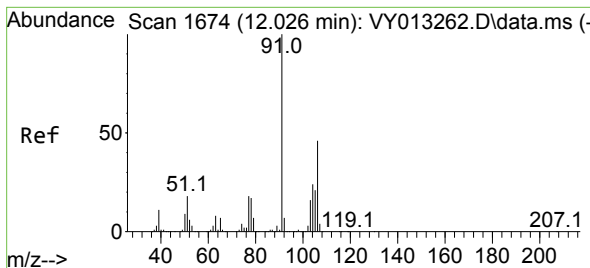
Tgt Ion: 106 Resp: 94688

Ion Ratio Lower Upper

106 100

91 199.2 159.8 239.8

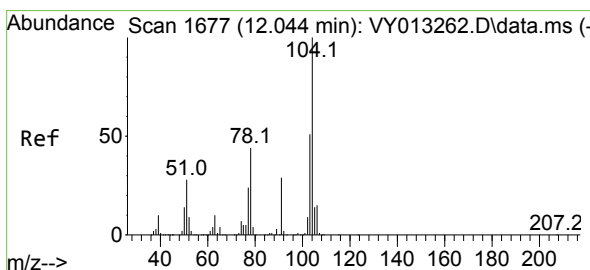
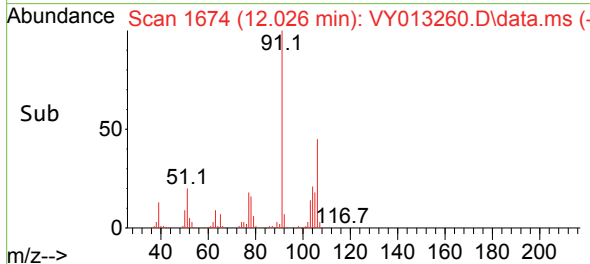
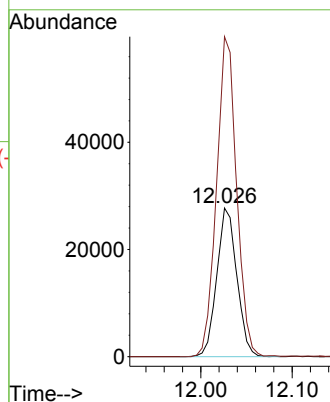
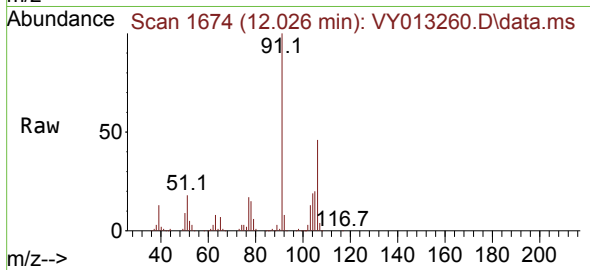




#69
o-Xylene
Concen: 9.835 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

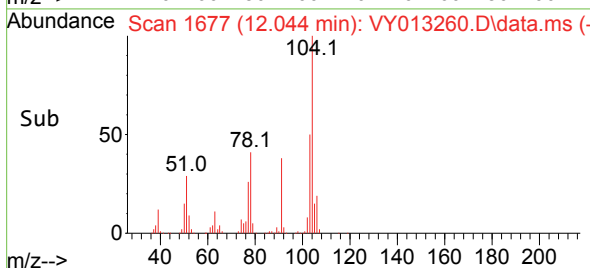
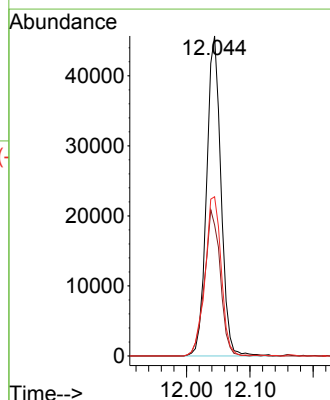
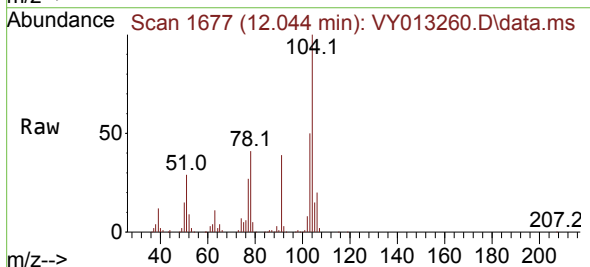
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

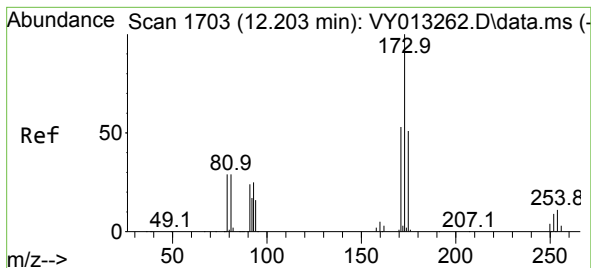
Tgt Ion:106 Resp: 42282
Ion Ratio Lower Upper
106 100
91 215.9 107.2 321.6



#70
Styrene
Concen: 9.983 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion:104 Resp: 72487
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 56.1 43.7 65.5





#71

Bromoform

Concen: 10.319 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

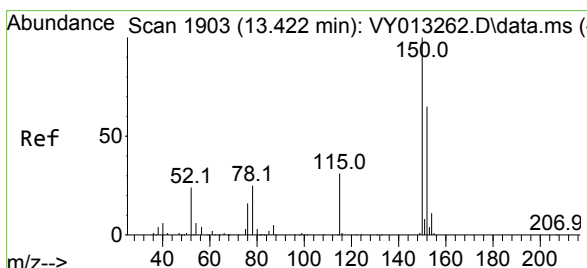
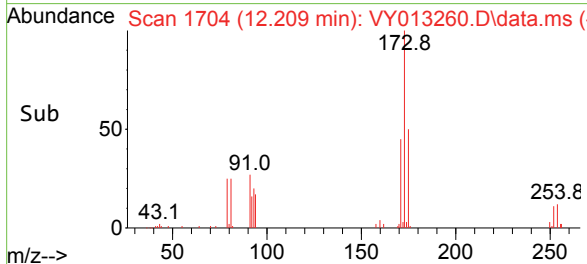
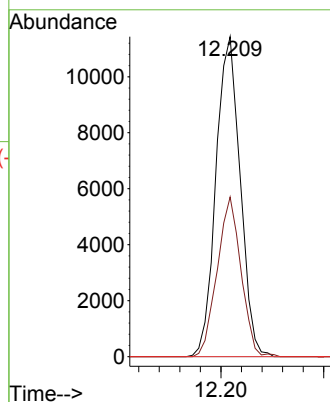
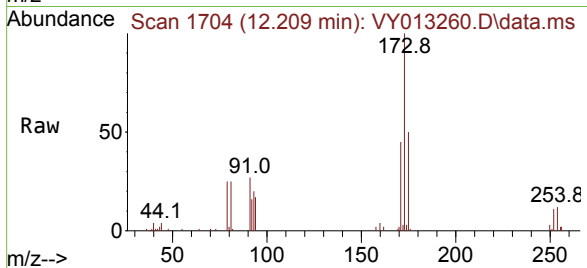
Tgt Ion:173 Resp: 18687

Ion Ratio Lower Upper

173 100

175 49.0 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

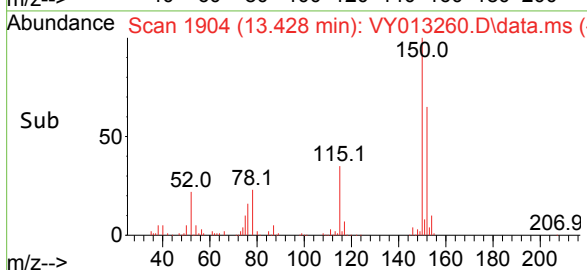
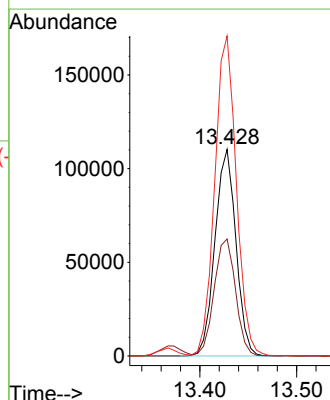
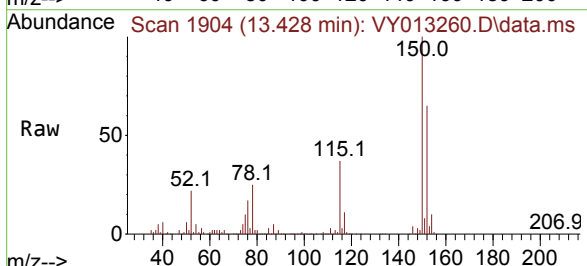
Tgt Ion:152 Resp: 166019

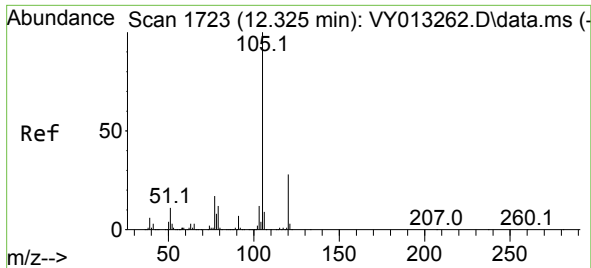
Ion Ratio Lower Upper

152 100

115 58.0 27.1 81.3

150 159.1 0.0 347.8

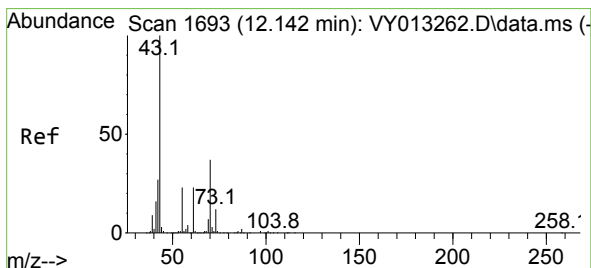
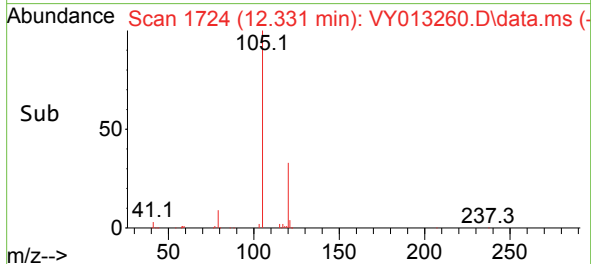
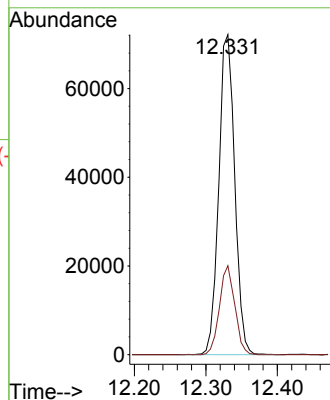
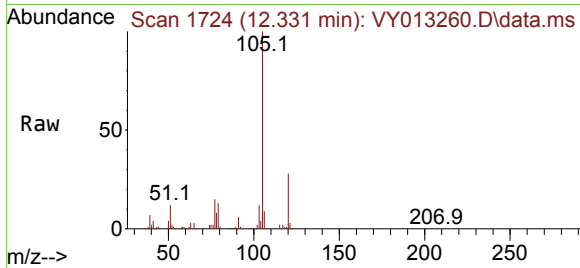




#73
Isopropylbenzene
Concen: 9.816 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

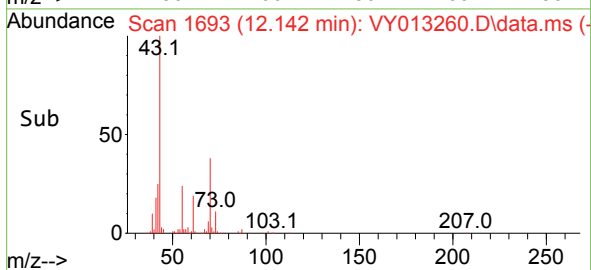
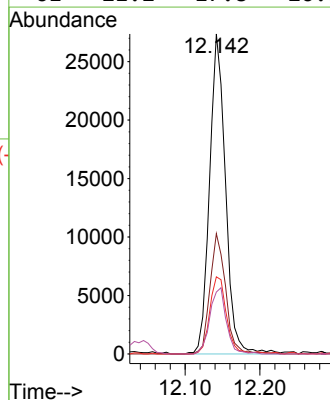
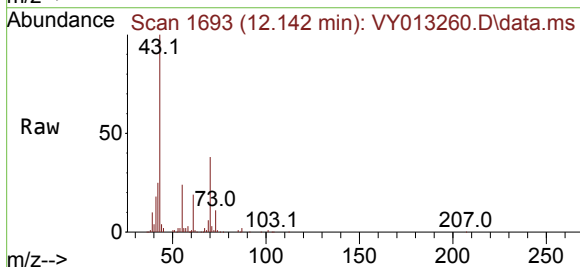
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

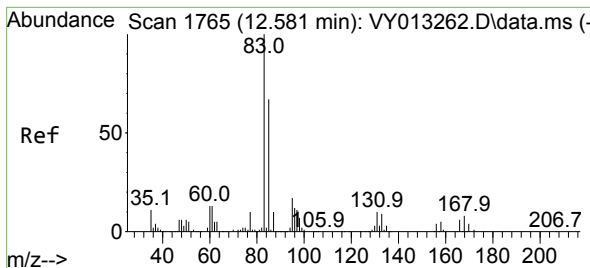
Tgt Ion:105 Resp: 111781
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 10.004 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 43 Resp: 40644
Ion Ratio Lower Upper
43 100
70 37.1 31.6 47.4
55 25.0 18.8 28.2
61 21.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.600 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

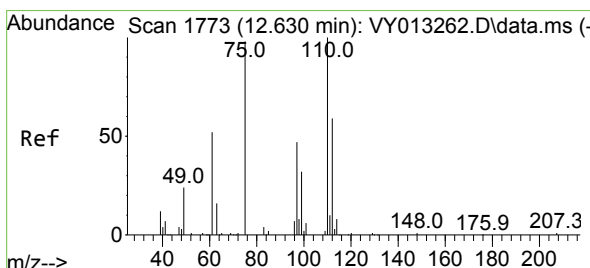
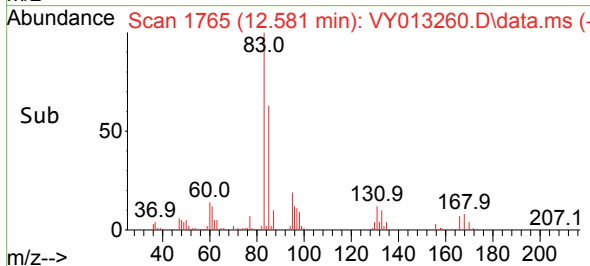
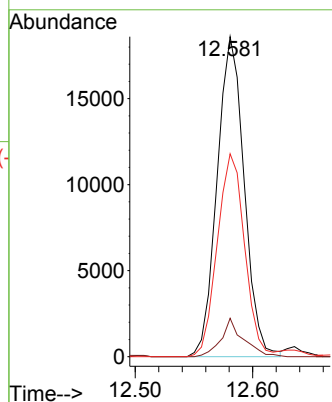
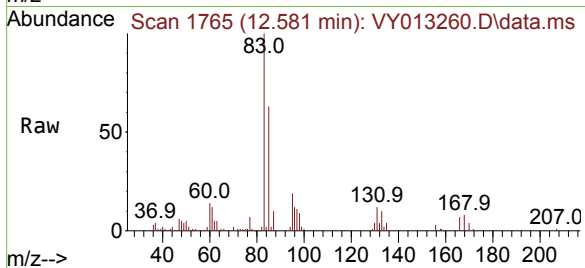
Tgt Ion: 83 Resp: 29821

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 16.705 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013260.D

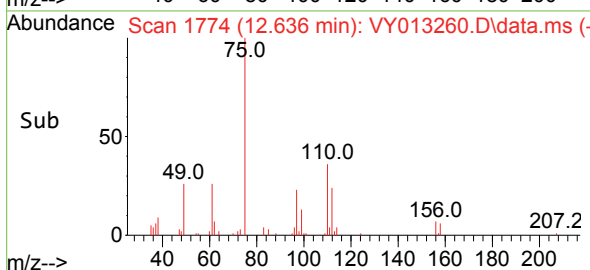
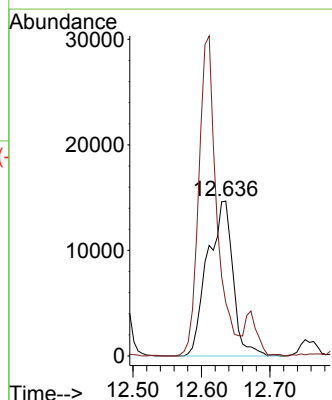
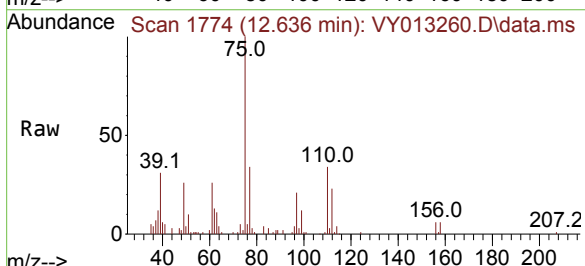
Acq: 12 Apr 2023 11:10

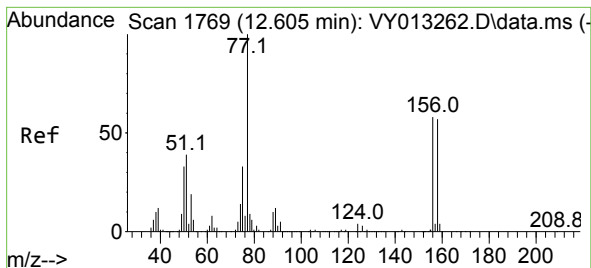
Tgt Ion: 75 Resp: 37824

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.227 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

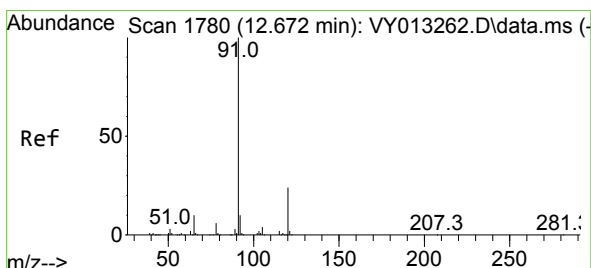
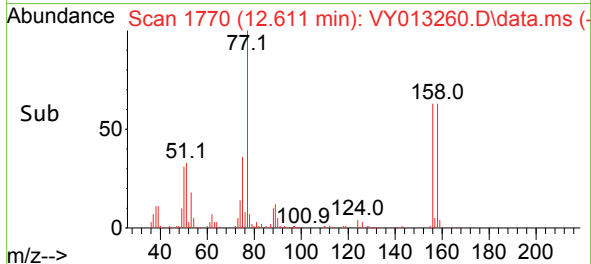
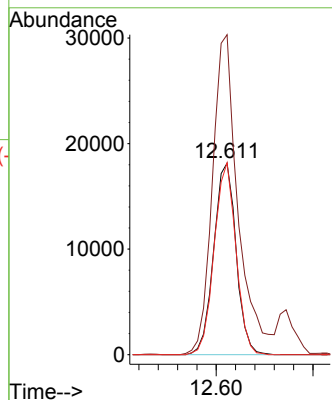
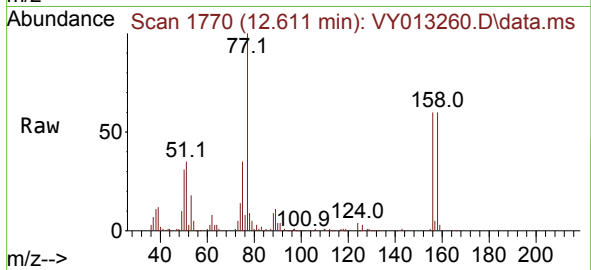
Tgt Ion:156 Resp: 29125

Ion Ratio Lower Upper

156 100

77 192.7 94.0 282.1

158 97.4 48.1 144.4



#78

n-propylbenzene

Concen: 9.928 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013260.D

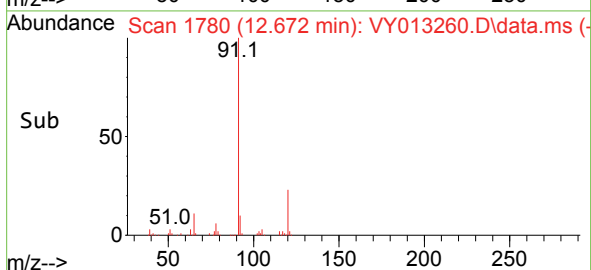
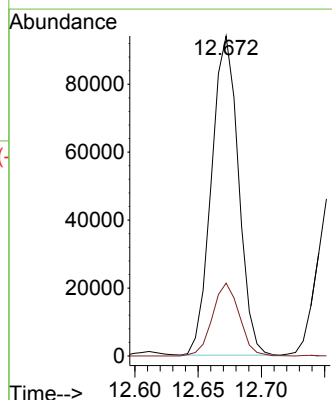
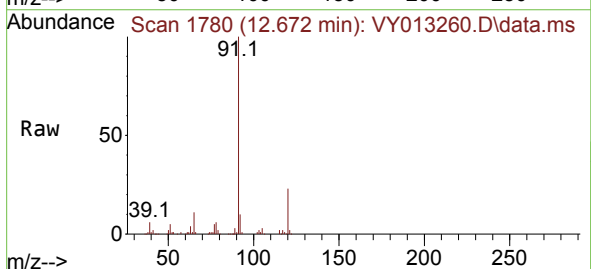
Acq: 12 Apr 2023 11:10

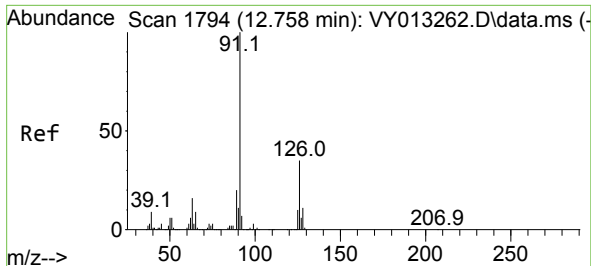
Tgt Ion: 91 Resp: 139624

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

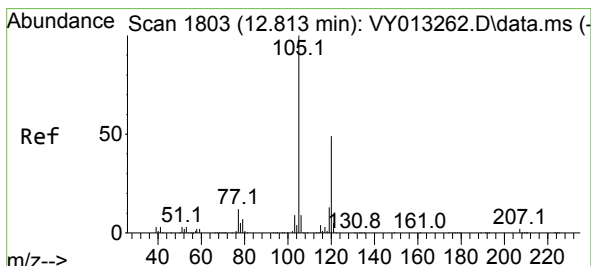
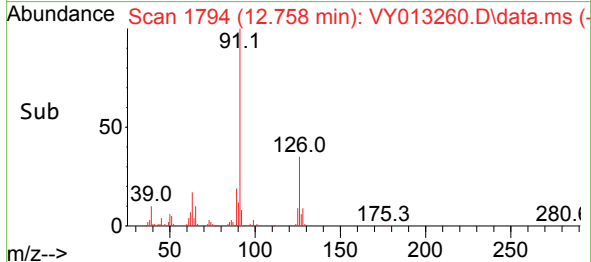
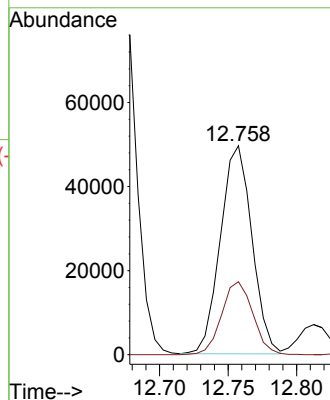
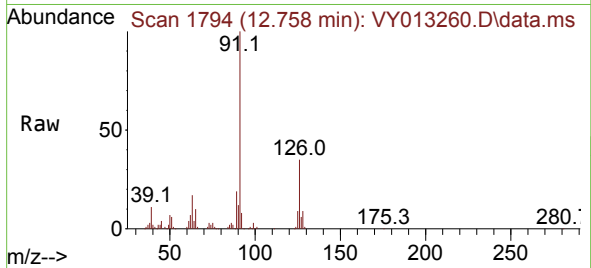




#79
2-Chlorotoluene
Concen: 10.033 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

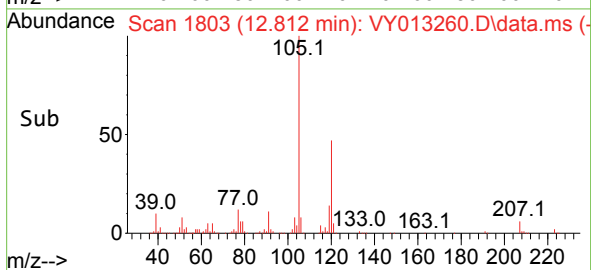
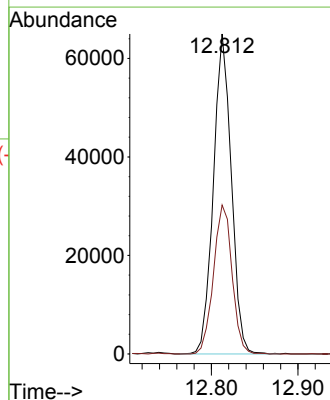
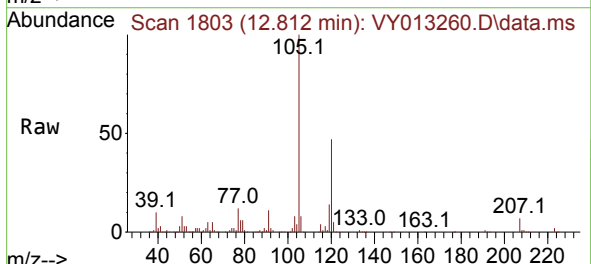
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

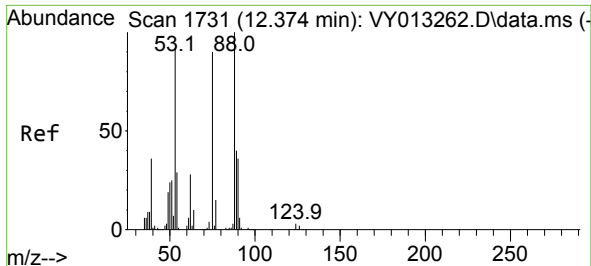
Tgt Ion: 91 Resp: 79426
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 9.797 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 105 Resp: 93446
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.4

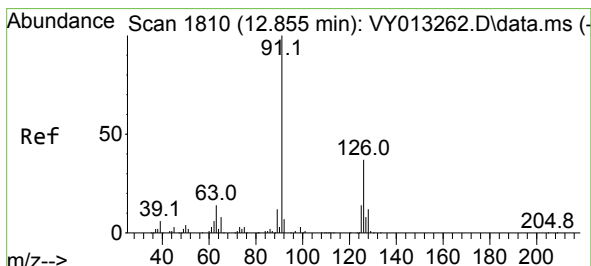
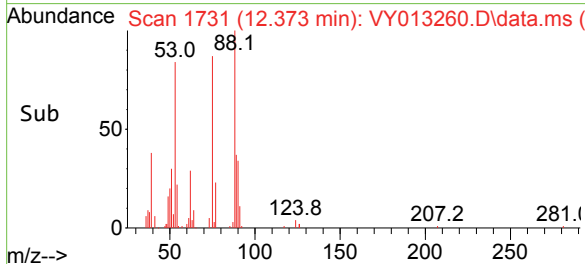
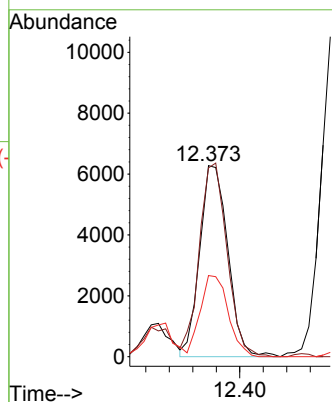
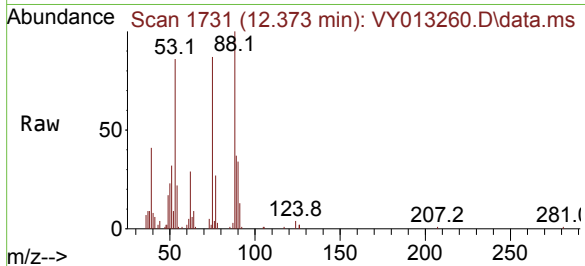




#81
trans-1,4-Dichloro-2-butene
Concen: 10.459 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

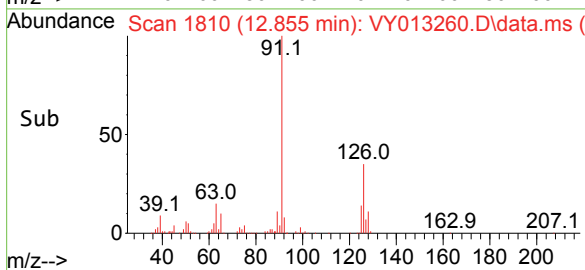
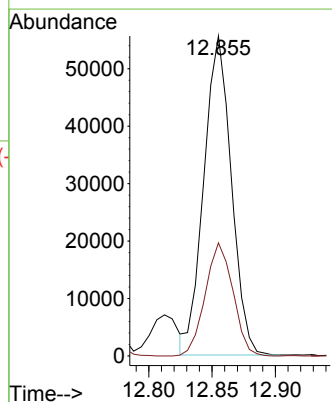
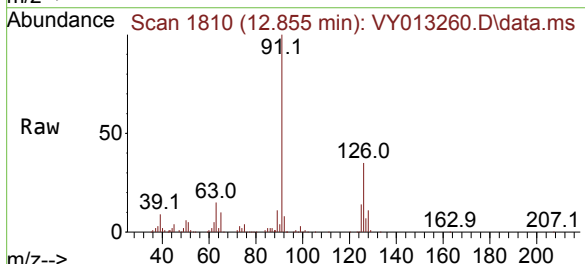
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

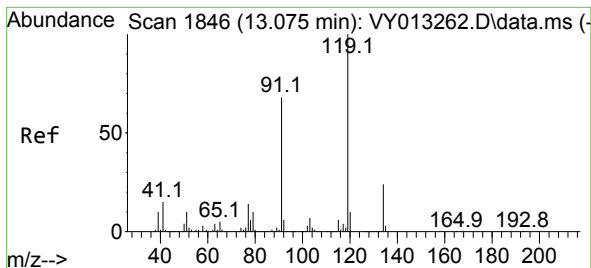
Tgt Ion: 75 Resp: 10425
Ion Ratio Lower Upper
75 100
53 99.8 73.4 110.0
89 42.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 10.066 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013260.D
Acq: 12 Apr 2023 11:10

Tgt Ion: 91 Resp: 84010
Ion Ratio Lower Upper
91 100
126 35.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 9.644 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

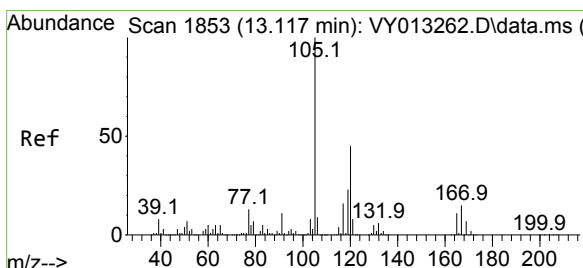
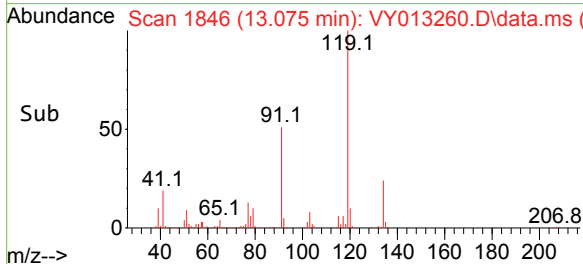
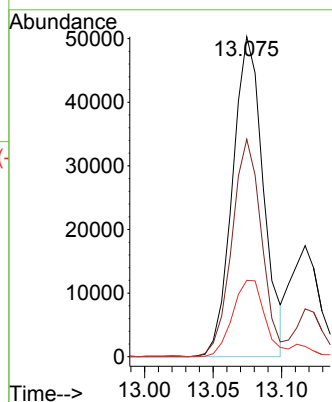
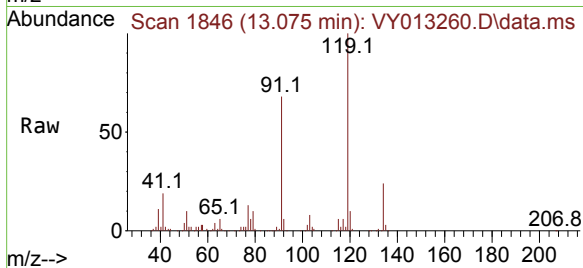
Tgt Ion:119 Resp: 78937

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.3

134 25.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.871 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013260.D

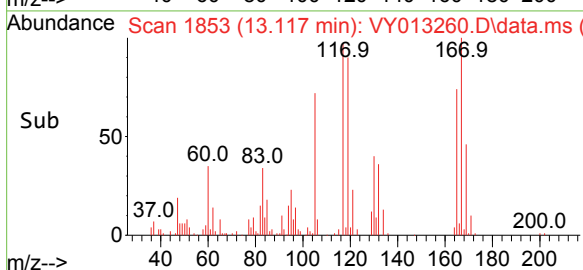
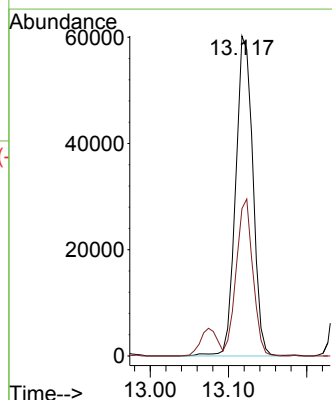
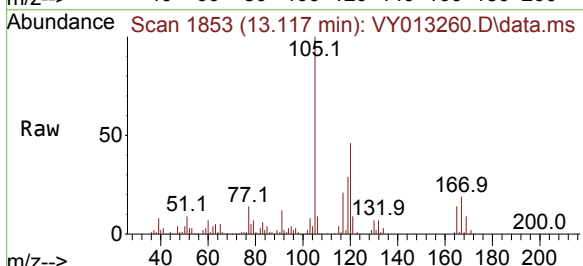
Acq: 12 Apr 2023 11:10

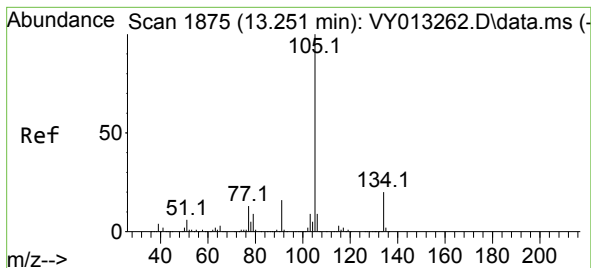
Tgt Ion:105 Resp: 91639

Ion Ratio Lower Upper

105 100

120 47.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 10.074 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

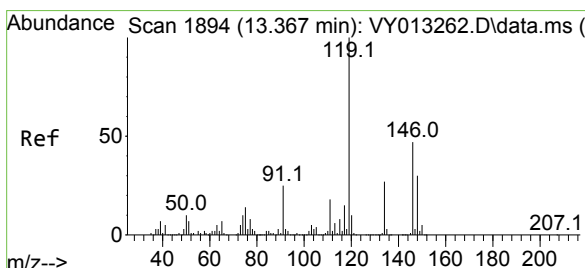
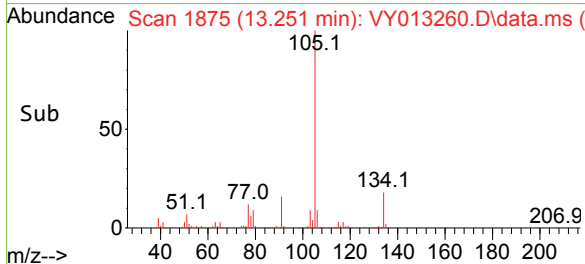
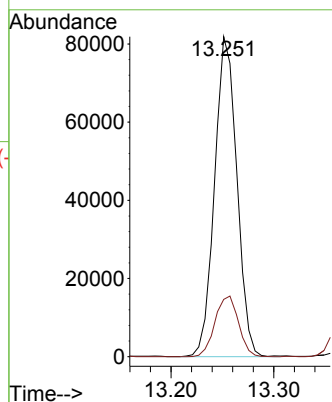
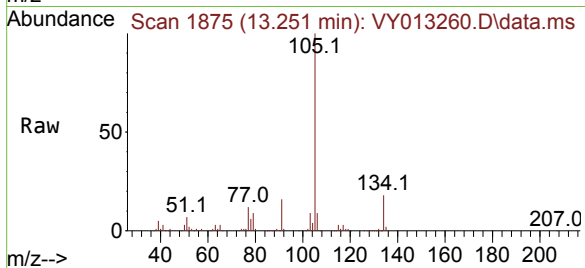
VSTDIC010

Tgt Ion:105 Resp: 123299

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 9.785 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

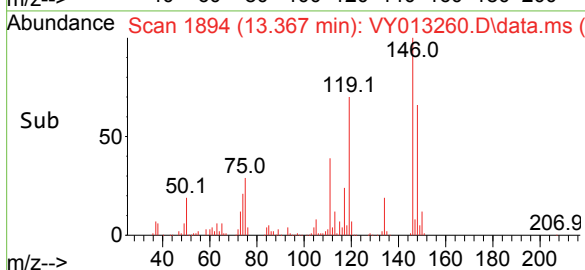
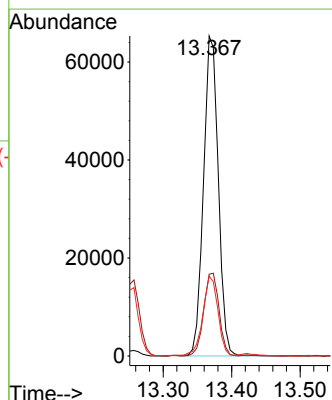
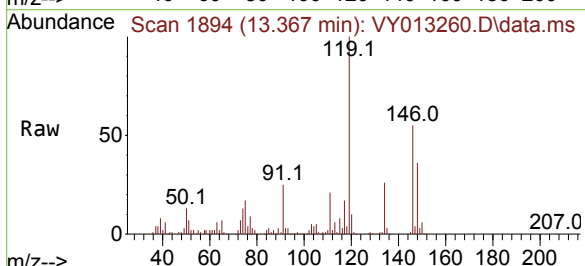
Tgt Ion:119 Resp: 98278

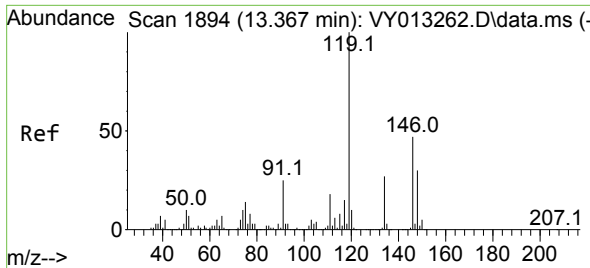
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 25.7 11.8 35.3

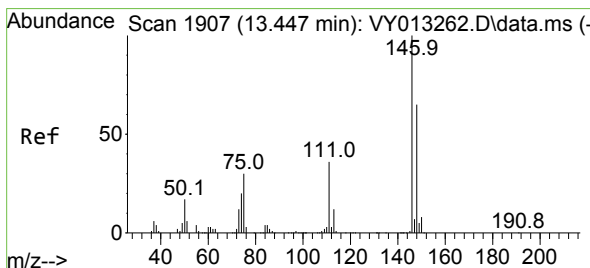
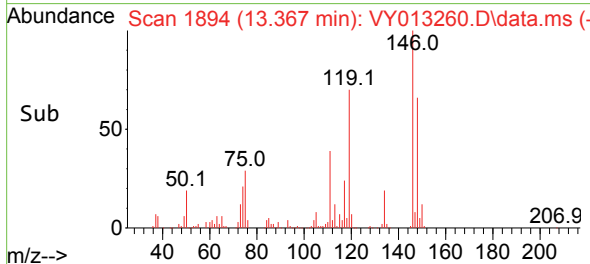
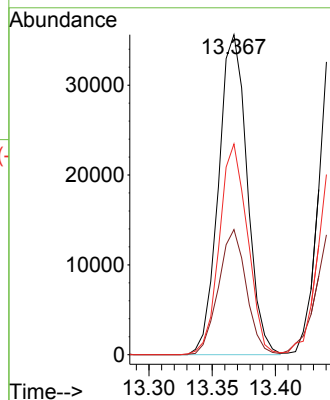
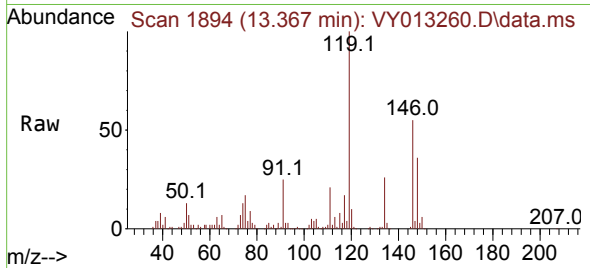




#87
 1,3-Dichlorobenzene
 Concen: 10.184 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013260.D
 Acq: 12 Apr 2023 11:10

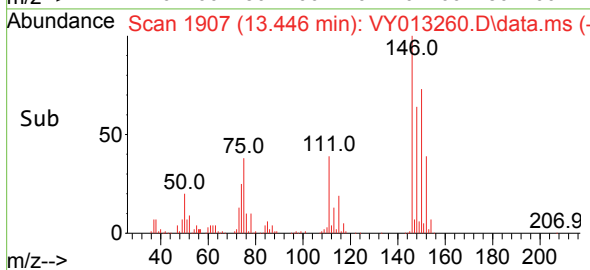
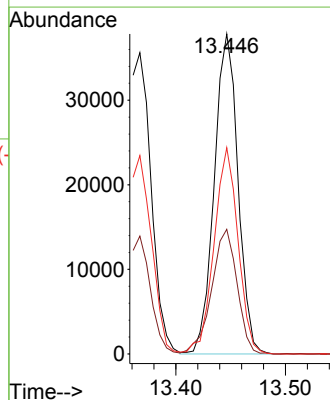
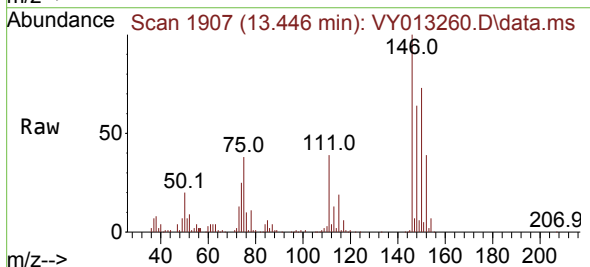
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

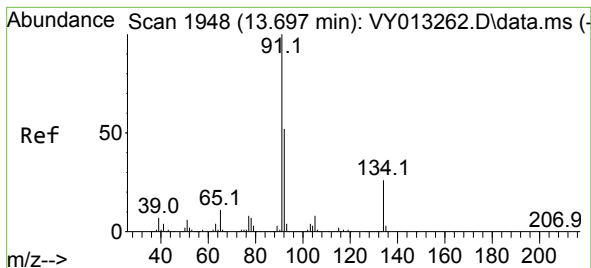
Tgt Ion:	146	Resp:	55905
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.5
148	64.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 10.251 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY013260.D
 Acq: 12 Apr 2023 11:10

Tgt Ion:	146	Resp:	56865
Ion Ratio	Lower	Upper	
146	100		
111	41.9	18.6	55.8
148	65.3	31.5	94.5





#89

n-Butylbenzene

Concen: 9.845 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

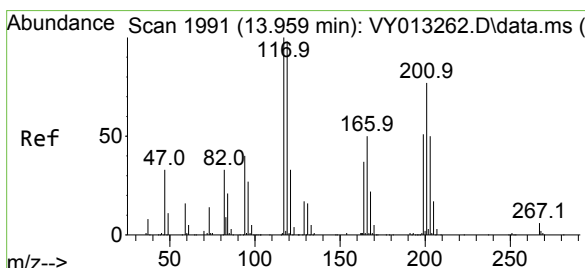
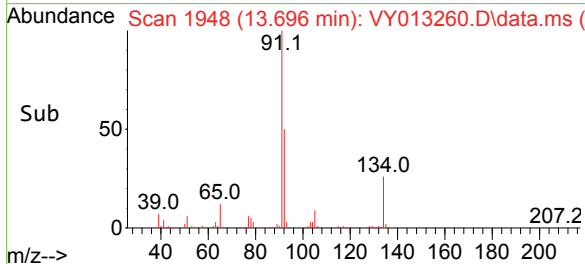
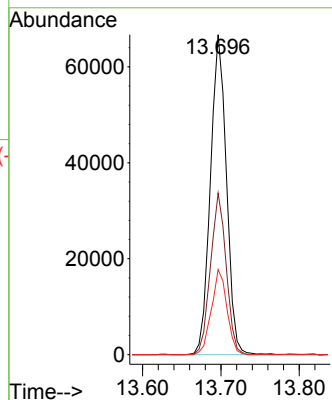
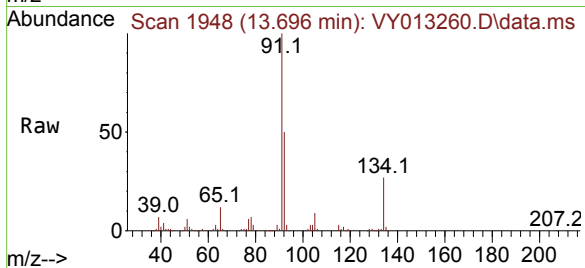
Tgt Ion: 91 Resp: 94573

Ion Ratio Lower Upper

91 100

92 49.5 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 10.010 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013260.D

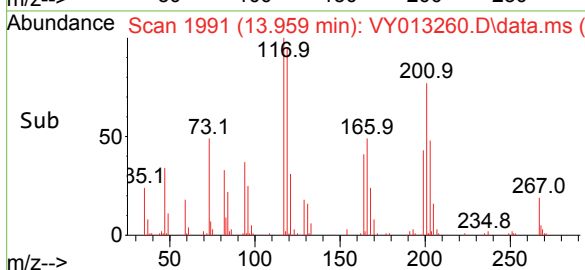
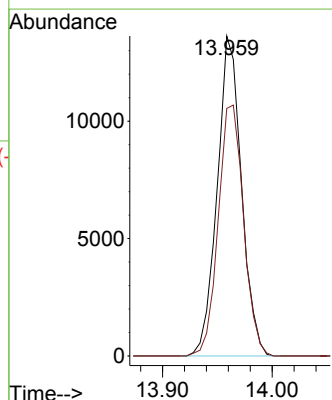
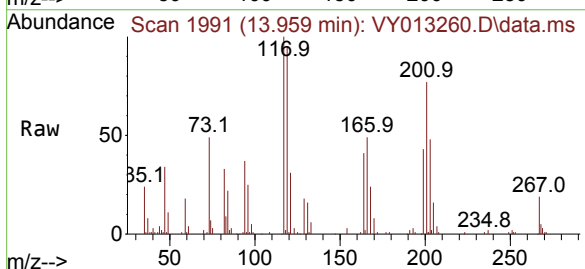
Acq: 12 Apr 2023 11:10

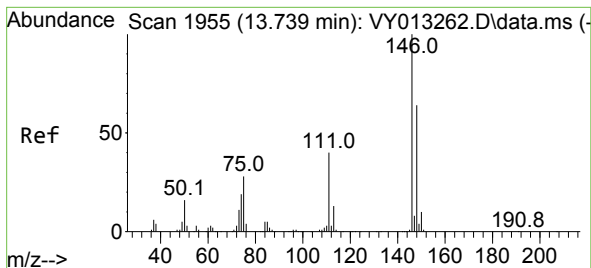
Tgt Ion: 117 Resp: 20962

Ion Ratio Lower Upper

117 100

201 81.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 10.198 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

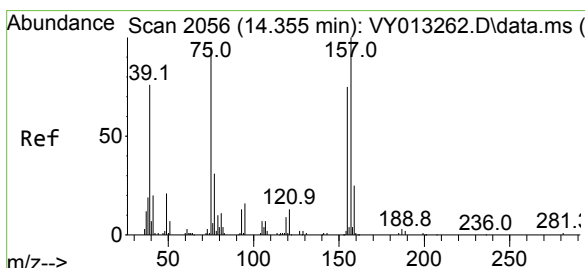
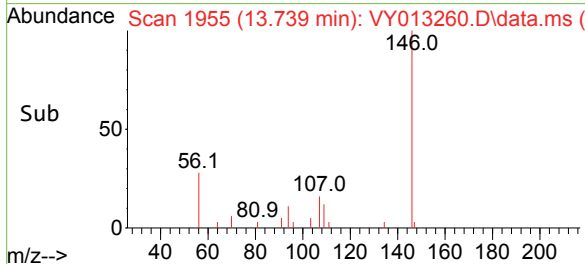
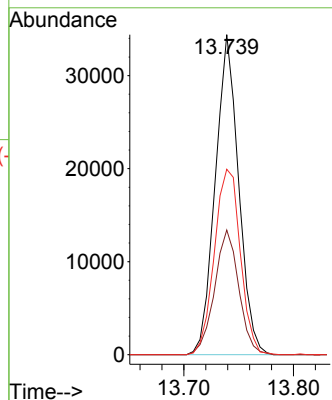
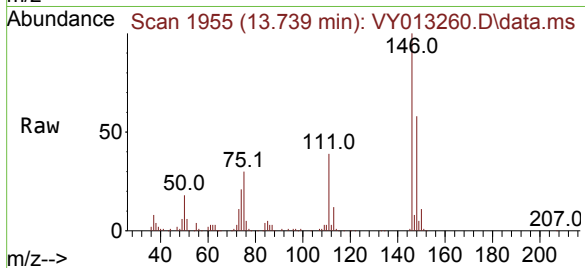
Tgt Ion:146 Resp: 50942

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 64.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.028 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

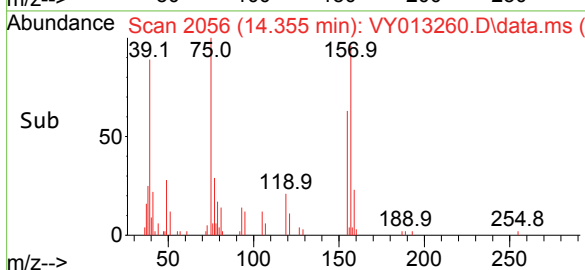
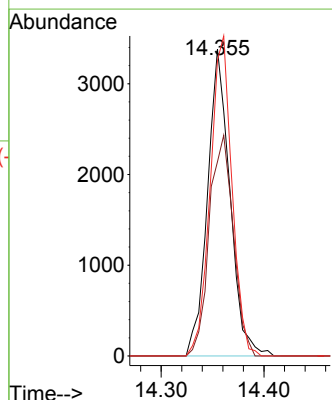
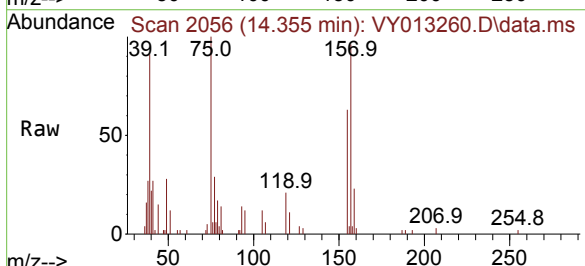
Tgt Ion: 75 Resp: 5123

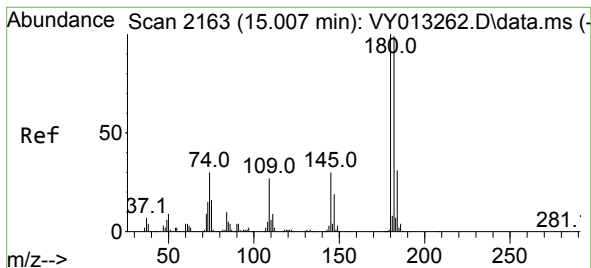
Ion Ratio Lower Upper

75 100

155 76.8 43.8 131.4

157 100.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 9.511 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

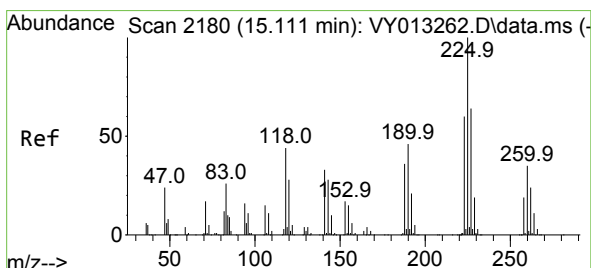
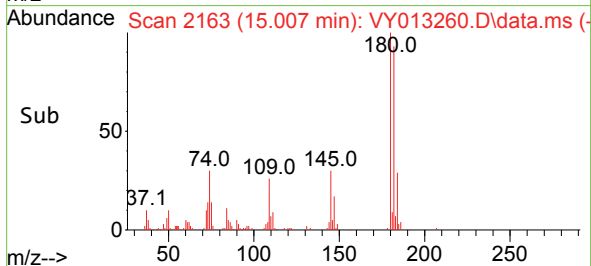
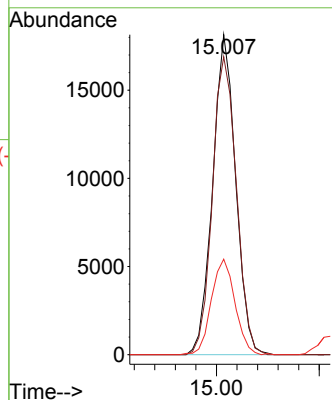
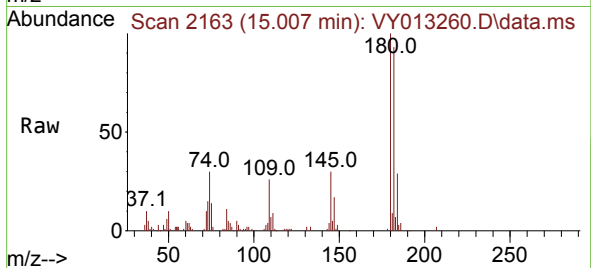
Tgt Ion:180 Resp: 28237

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.1

145 30.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 10.216 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

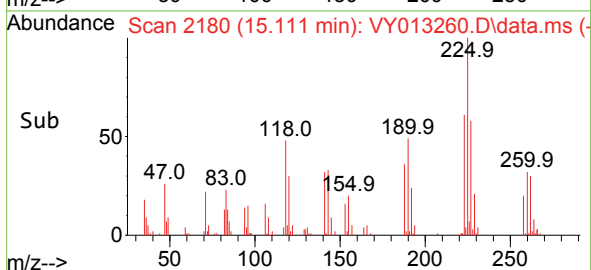
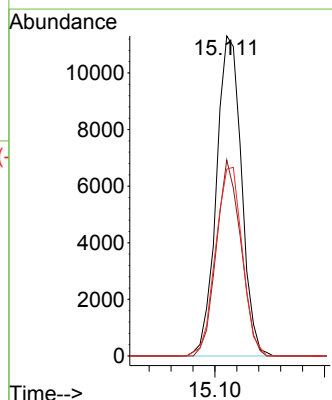
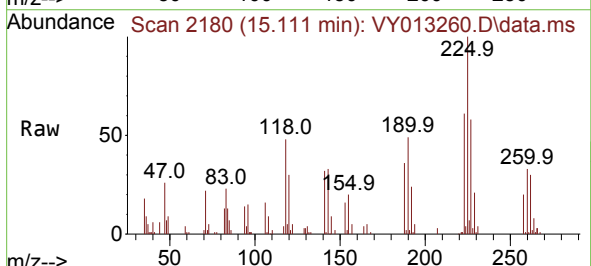
Tgt Ion:225 Resp: 17959

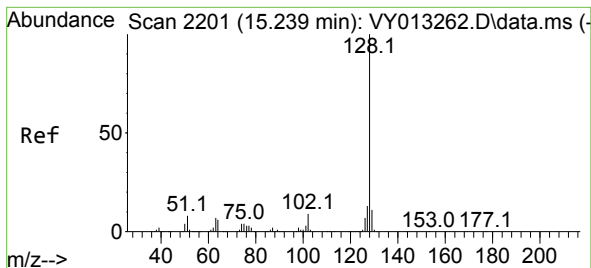
Ion Ratio Lower Upper

225 100

223 60.0 31.1 93.3

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 8.854 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

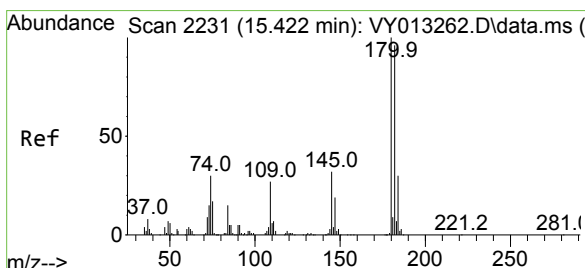
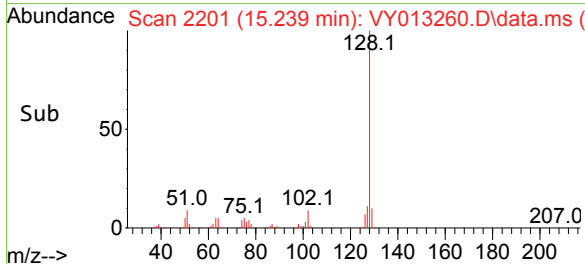
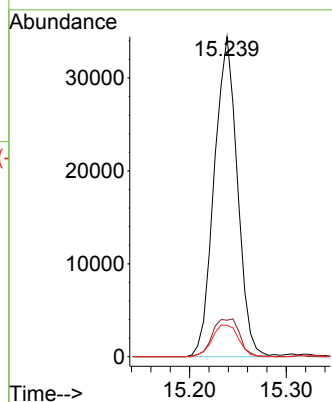
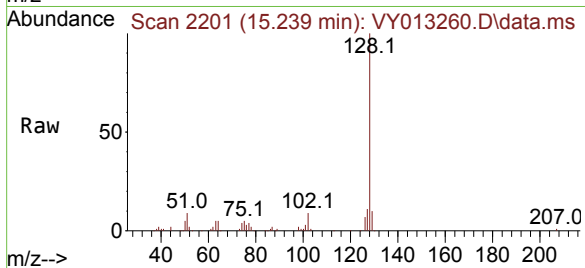
Tgt Ion:128 Resp: 57258

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.408 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013260.D

Acq: 12 Apr 2023 11:10

Tgt Ion:180 Resp: 25447

Ion Ratio Lower Upper

180 100

182 98.7 47.4 142.3

145 31.6 15.3 45.8

