

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013442.D
 Acq On : 25 Apr 2023 13:31
 Operator : KP/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Quant Time: Apr 26 02:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125628	48.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.500%
35) Dibromofluoromethane	7.716	113	113230	48.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.179	98	395692	47.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.477	95	137925	49.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47169	21.104	ug/l	96
3) Chloromethane	2.113	50	54992	18.356	ug/l	98
4) Vinyl Chloride	2.247	62	52925	17.742	ug/l	97
5) Bromomethane	2.650	94	44103	18.553	ug/l	95
6) Chloroethane	2.790	64	35743	17.345	ug/l	100
7) Trichlorofluoromethane	3.125	101	88805	19.652	ug/l	100
8) Diethyl Ether	3.528	74	32376	21.039	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	50539	19.938	ug/l	94
10) Methyl Iodide	4.088	142	61072	19.183	ug/l	98
11) Tert butyl alcohol	4.979	59	26906	93.099	ug/l	99
12) 1,1-Dichloroethene	3.869	96	48828	19.984	ug/l	99
13) Acrolein	3.729	56	28147	120.407	ug/l	97
14) Allyl chloride	4.479	41	87660	19.335	ug/l	97
15) Acrylonitrile	5.161	53	84190	97.689	ug/l	98
16) Acetone	3.954	43	86963	85.684	ug/l	94
17) Carbon Disulfide	4.192	76	160393	20.209	ug/l	100
18) Methyl Acetate	4.479	43	65045	19.404	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	139522	19.779	ug/l	99
20) Methylene Chloride	4.710	84	77192	19.313	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	53348	19.969	ug/l	96
22) Diisopropyl ether	6.119	45	176719	19.943	ug/l	94
23) Vinyl Acetate	6.058	43	537346	107.100	ug/l	98
24) 1,1-Dichloroethane	6.021	63	98347	19.913	ug/l	100
25) 2-Butanone	6.990	43	118207	91.836	ug/l	94
26) 2,2-Dichloropropane	6.978	77	82837	19.465	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	59486	20.153	ug/l	97
28) Bromochloromethane	7.332	49	36258	20.689	ug/l	88
29) Tetrahydrofuran	7.350	42	78221	97.627	ug/l	93
30) Chloroform	7.509	83	102410	20.856	ug/l	100
31) Cyclohexane	7.789	56	84116	18.229	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	90488	20.651	ug/l	97
36) 1,1-Dichloropropene	7.917	75	75315	19.529	ug/l	97
37) Ethyl Acetate	7.076	43	54538	18.792	ug/l	97
38) Carbon Tetrachloride	7.899	117	82279	20.356	ug/l	97
39) Methylcyclohexane	9.185	83	84082	18.494	ug/l	95
40) Benzene	8.161	78	221558	20.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24893	18.407	ug/l	98
42) 1,2-Dichloroethane	8.234	62	73440	20.678	ug/l	99
43) Isopropyl Acetate	8.271	43	91422	18.663	ug/l	99
44) Trichloroethene	8.941	130	58916	20.389	ug/l	99
45) 1,2-Dichloropropane	9.216	63	56622	19.935	ug/l	97
46) Dibromomethane	9.301	93	35017	20.604	ug/l	94
47) Bromodichloromethane	9.496	83	78586	20.665	ug/l	99
48) Methyl methacrylate	9.289	41	42923	19.079	ug/l	95
49) 1,4-Dioxane	9.307	88	9808	404.079	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	262861	96.297	ug/l	97
52) Toluene	10.246	92	137080	20.969	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	81004	20.127	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	90298	19.939	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	47169	20.958	ug/l	96
56) Ethyl methacrylate	10.508	69	62567	20.038	ug/l	93
57) 1,3-Dichloropropane	10.788	76	78693	20.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	129187	110.335	ug/l	96
59) 2-Hexanone	10.831	43	189852	95.679	ug/l	97
60) Dibromochloromethane	10.984	129	57823	21.159	ug/l	98
61) 1,2-Dibromoethane	11.087	107	45600	20.608	ug/l	100
64) Tetrachloroethene	10.715	164	48574	19.255	ug/l	92
65) Chlorobenzene	11.514	112	145041	20.069	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	56321	20.837	ug/l	99
67) Ethyl Benzene	11.593	91	252427	19.891	ug/l	98
68) m/p-Xylenes	11.703	106	198043	41.050	ug/l	100
69) o-Xylene	12.026	106	92619	20.299	ug/l	100
70) Styrene	12.044	104	156319	20.490	ug/l	99
71) Bromoform	12.209	173	38092	20.120	ug/l	97
73) Isopropylbenzene	12.331	105	238623	18.886	ug/l	98
74) N-amyl acetate	12.142	43	82300	18.304	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	60452	19.574	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	78002	34.623	ug/l #	100
77) Bromobenzene	12.605	156	61319	20.029	ug/l	94
78) n-propylbenzene	12.672	91	298983	19.211	ug/l	98
79) 2-Chlorotoluene	12.752	91	169660	19.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	203542	19.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20463	18.580	ug/l	97
82) 4-Chlorotoluene	12.855	91	178654	19.723	ug/l	97
83) tert-Butylbenzene	13.075	119	171720	19.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	203028	20.249	ug/l	100
85) sec-Butylbenzene	13.251	105	258580	19.284	ug/l	99
86) p-Isopropyltoluene	13.367	119	215441	19.979	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	119831	20.544	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	118040	20.034	ug/l	98
89) n-Butylbenzene	13.696	91	199849	18.989	ug/l	99
90) Hexachloroethane	13.959	117	44426	19.575	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	106952	20.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10248	18.788	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	64262	20.464	ug/l	100
94) Hexachlorobutadiene	15.111	225	38264	20.937	ug/l	99
95) Naphthalene	15.233	128	136604	20.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59304	21.188	ug/l	99

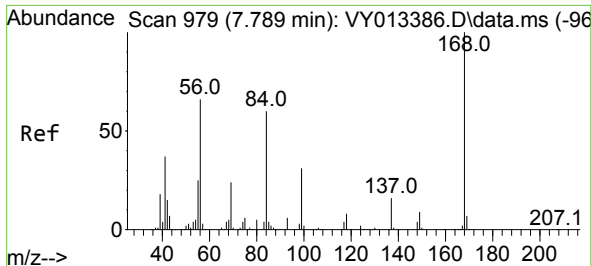
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013442.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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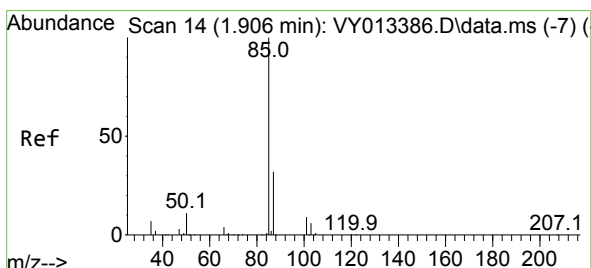
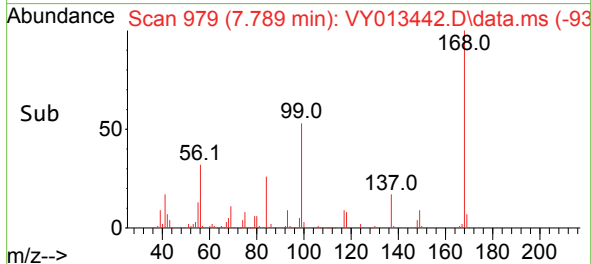
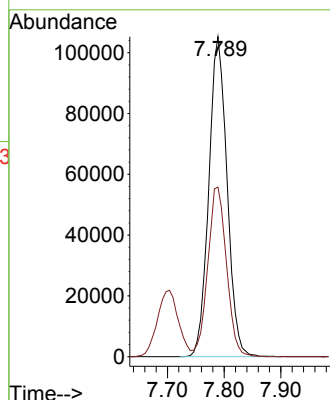
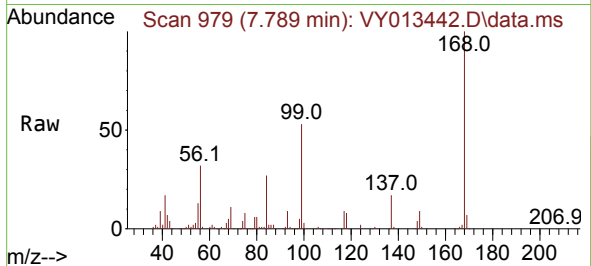
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

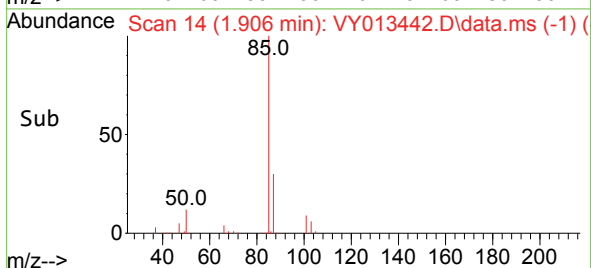
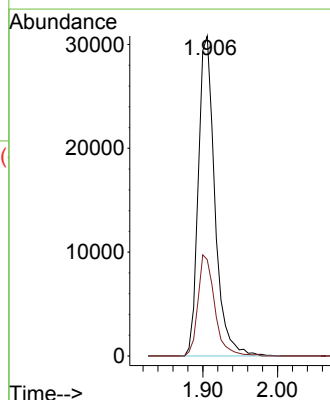
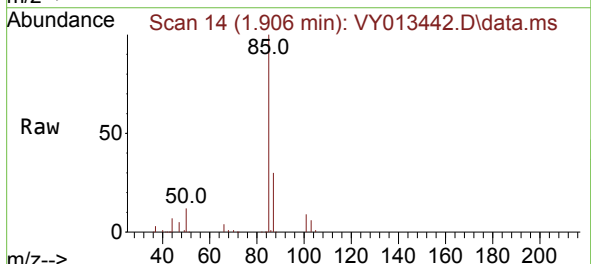
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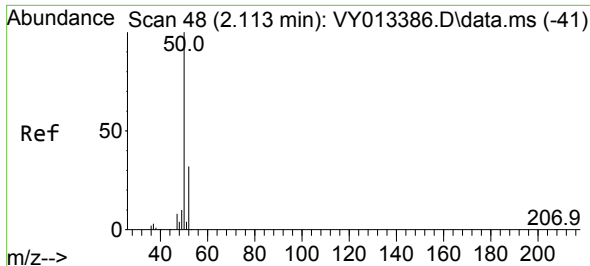
Tgt Ion:168 Resp: 235099
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 21.104 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 85 Resp: 47169
Ion Ratio Lower Upper
85 100
87 30.1 16.1 48.2

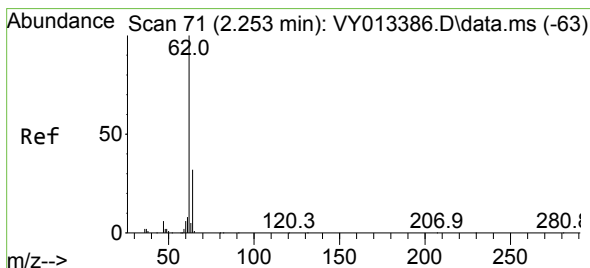
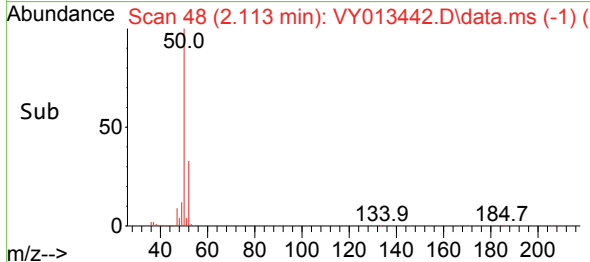
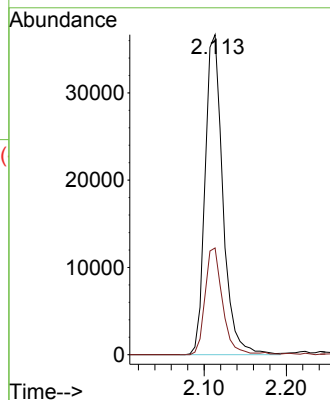
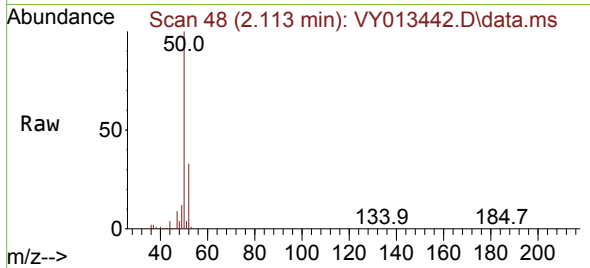




#3
Chloromethane
Concen: 18.356 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

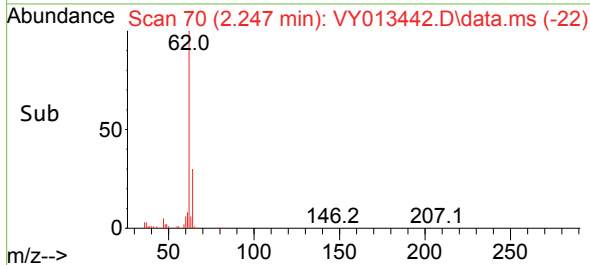
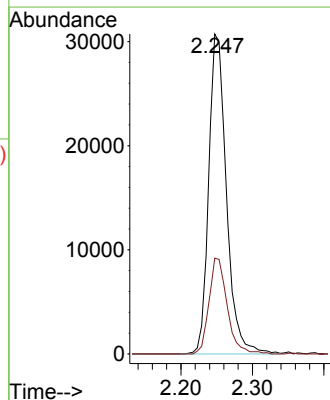
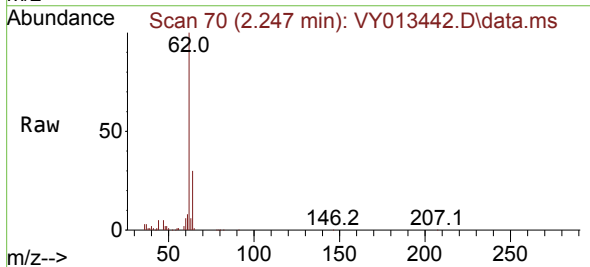
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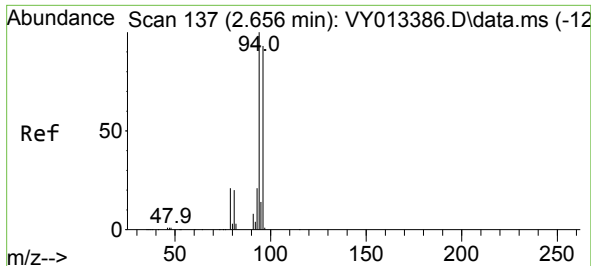
Tgt Ion: 50 Resp: 54992
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 17.742 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 62 Resp: 52925
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.0

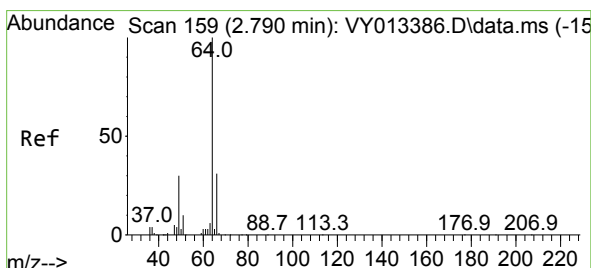
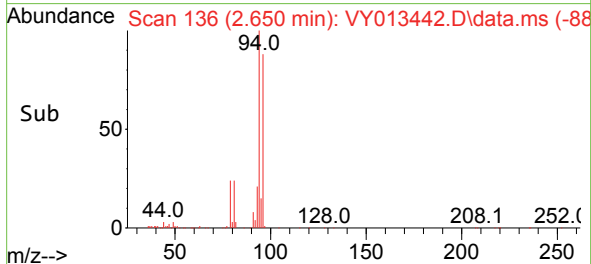
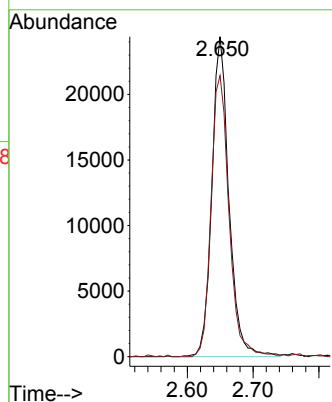
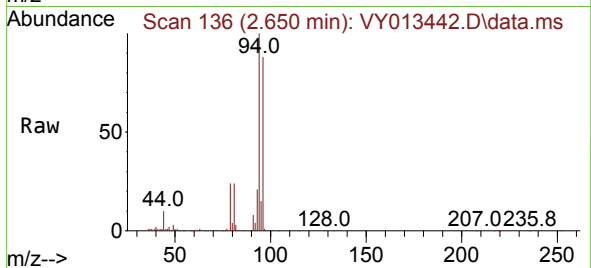




#5
Bromomethane
Concen: 18.553 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

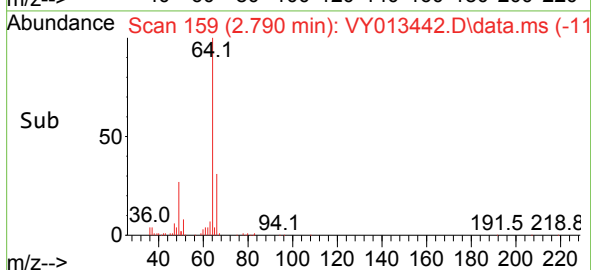
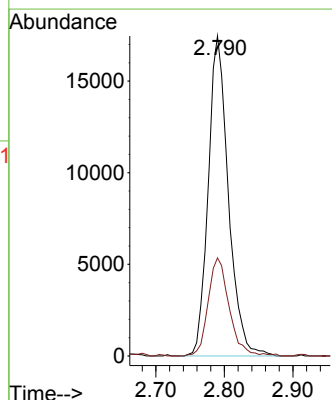
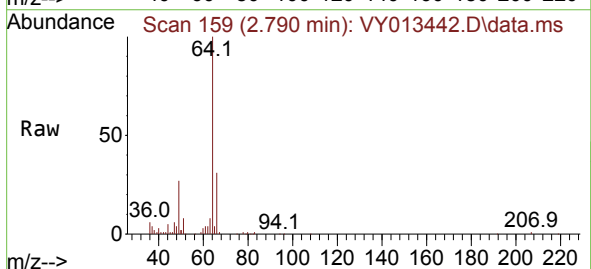
Instrument :
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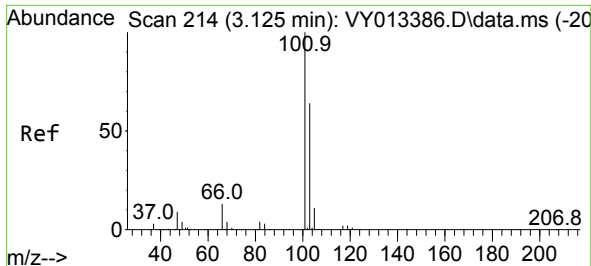
Tgt Ion: 94 Resp: 44103
Ion Ratio Lower Upper
94 100
96 87.9 74.2 111.2



#6
Chloroethane
Concen: 17.345 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 64 Resp: 35743
Ion Ratio Lower Upper
64 100
66 30.6 24.6 37.0

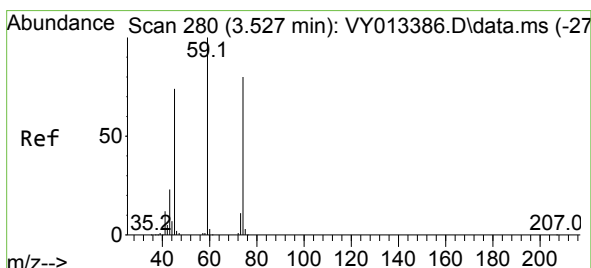
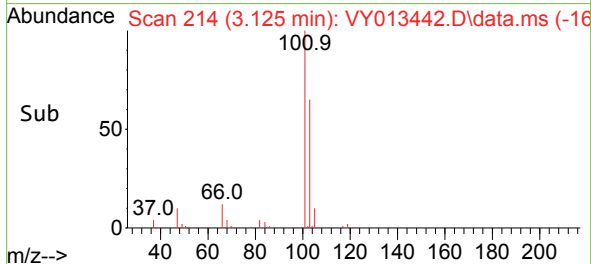
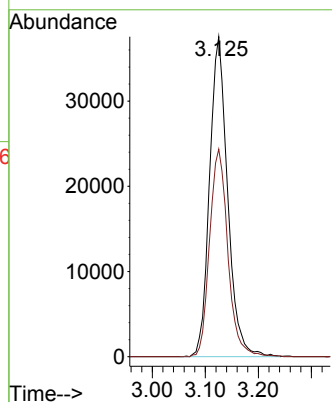
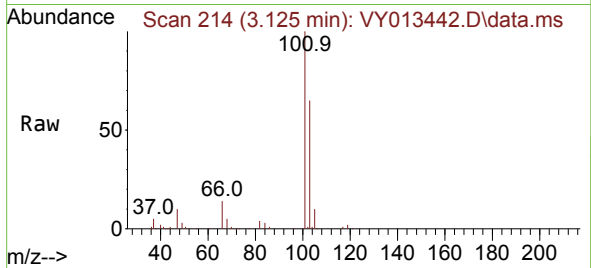




#7
 Trichlorofluoromethane
 Concen: 19.652 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

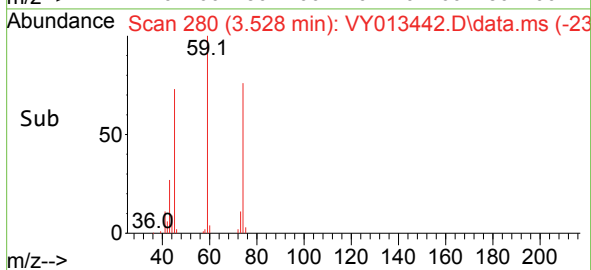
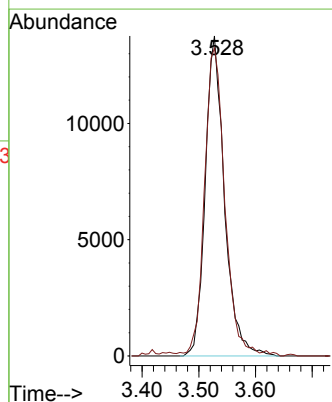
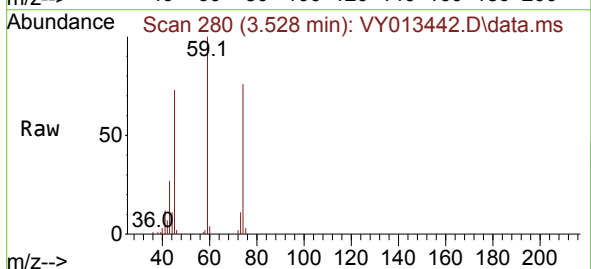
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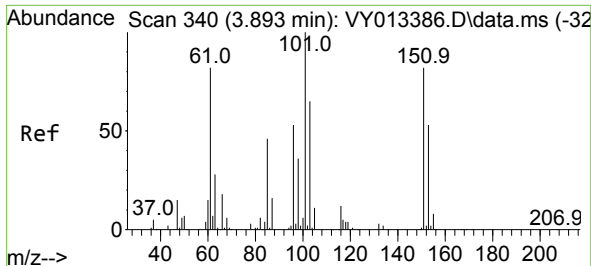
Tgt Ion:101 Resp: 88805
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 21.039 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

Tgt Ion: 74 Resp: 32376
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.2 144.6

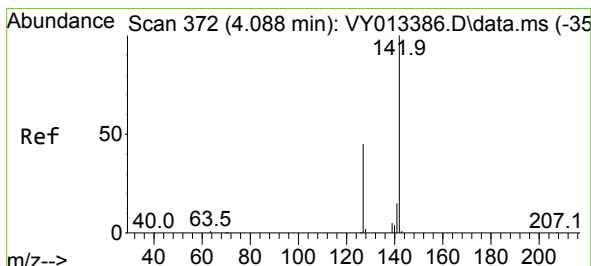
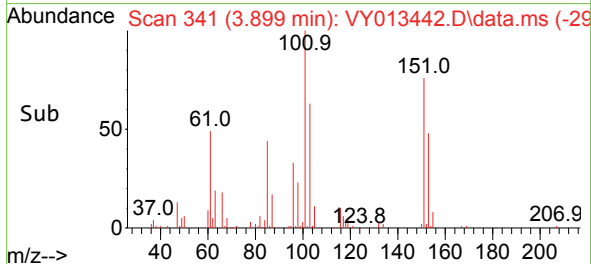
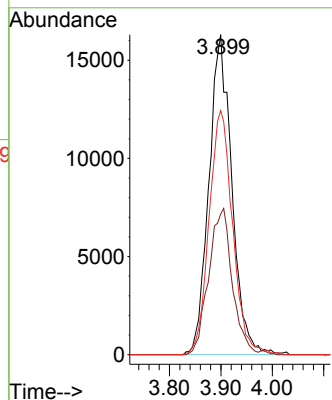
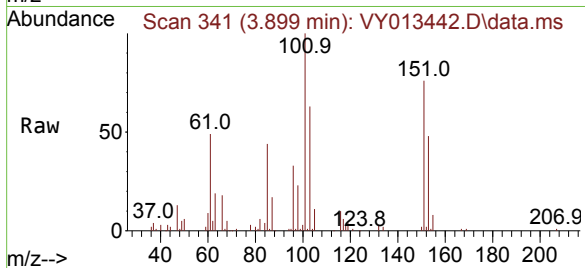




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.938 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013442.D
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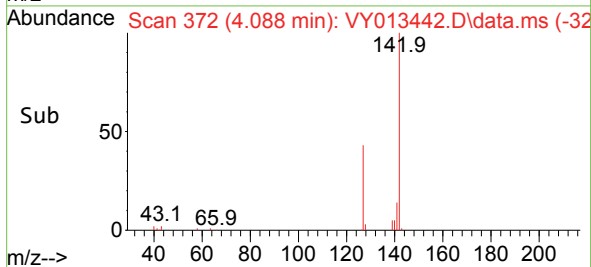
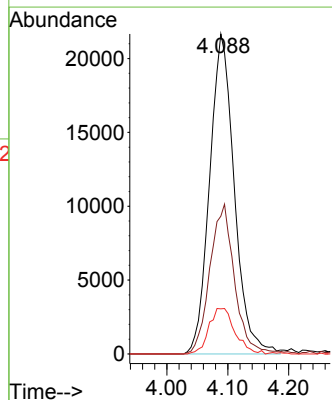
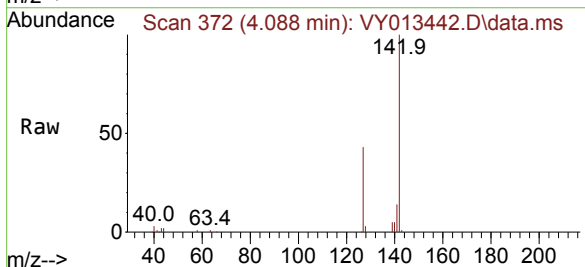
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

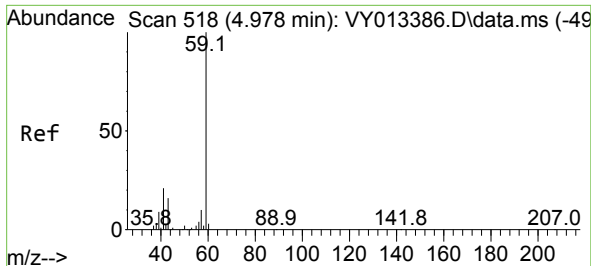
Tgt Ion:101 Resp: 50539
Ion Ratio Lower Upper
101 100
85 46.9 35.6 53.4
151 78.4 68.0 102.0



#10
Methyl Iodide
Concen: 19.183 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:142 Resp: 61072
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 15.0 11.6 17.4

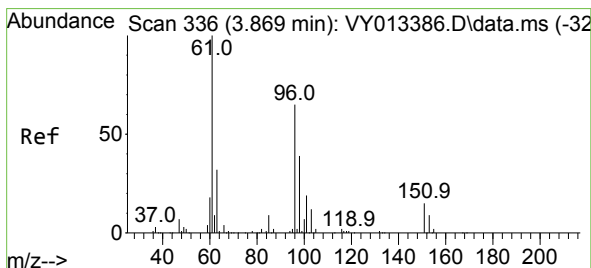
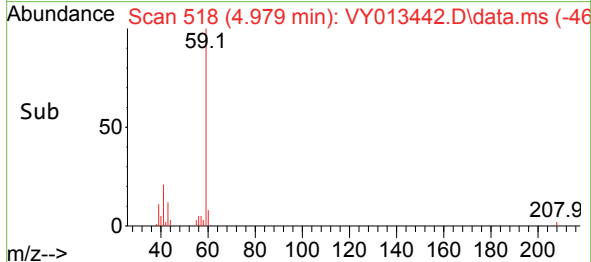
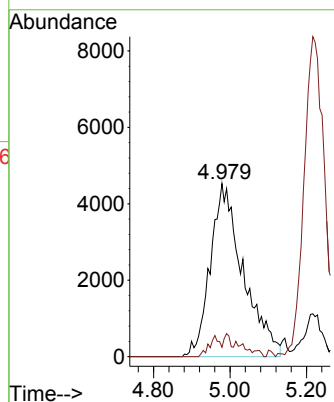
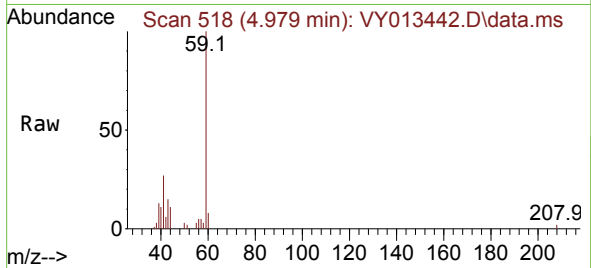




#11
Tert butyl alcohol
Concen: 93.099 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

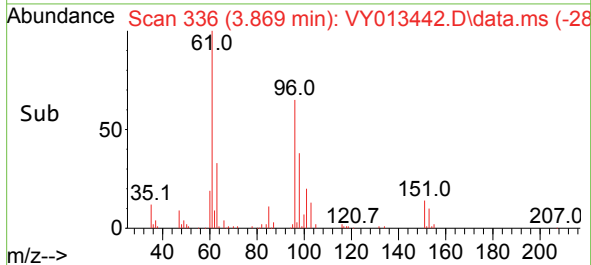
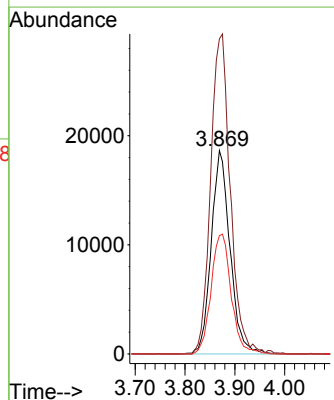
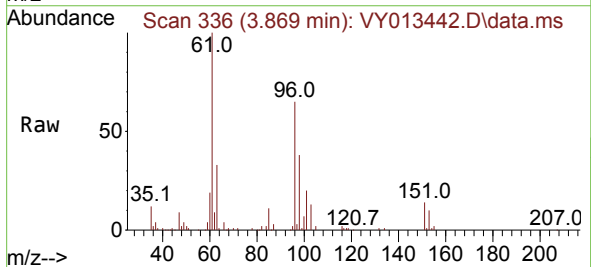
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

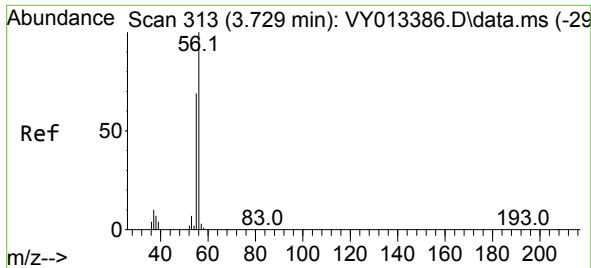
Tgt Ion: 59 Resp: 26906
Ion Ratio Lower Upper
59 100
57 4.0 3.0 4.4



#12
1,1-Dichloroethene
Concen: 19.984 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 96 Resp: 48828
Ion Ratio Lower Upper
96 100
61 154.9 123.9 185.9
98 58.2 48.9 73.3





#13

Acrolein

Concen: 120.407 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

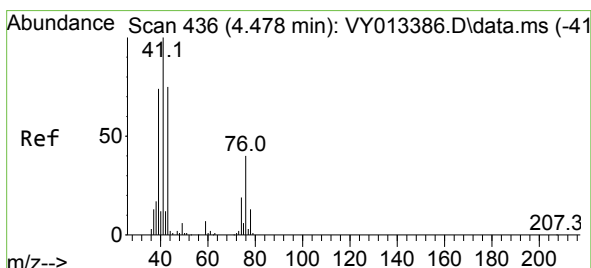
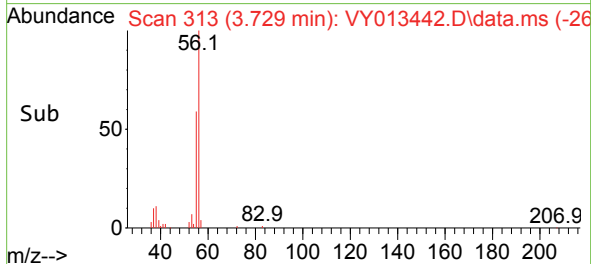
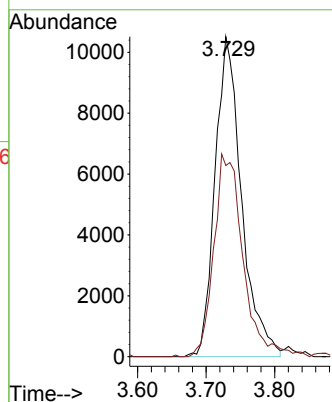
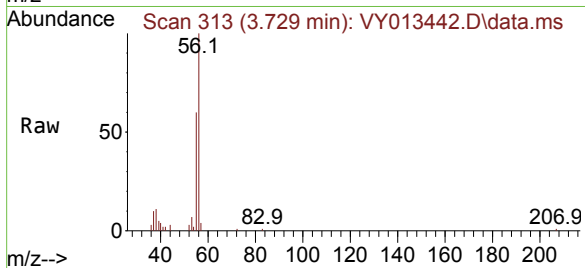
VY0425SBS01

Tgt Ion: 56 Resp: 28147

Ion Ratio Lower Upper

56 100

55 69.6 54.1 81.1



#14

Allyl chloride

Concen: 19.335 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

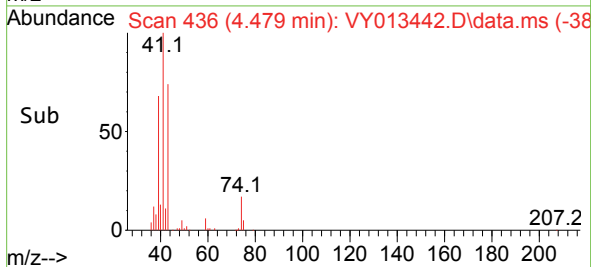
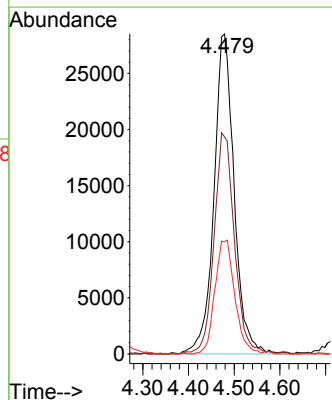
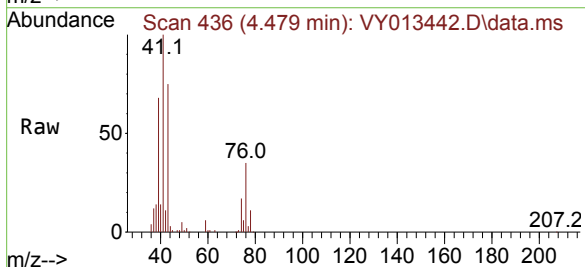
Tgt Ion: 41 Resp: 87660

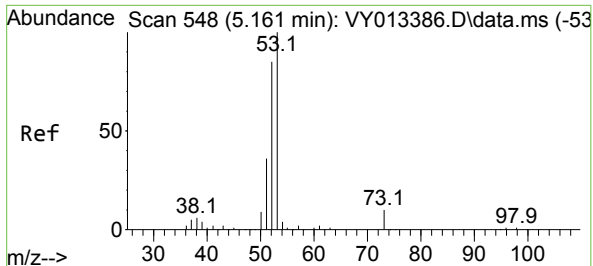
Ion Ratio Lower Upper

41 100

39 69.6 56.6 85.0

76 34.9 30.5 45.7

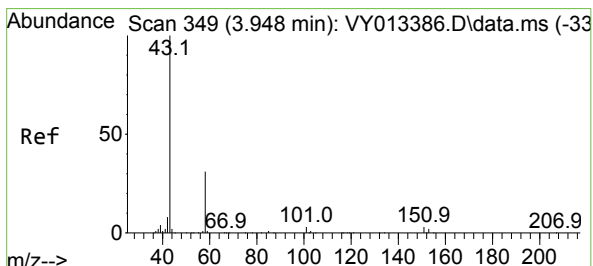
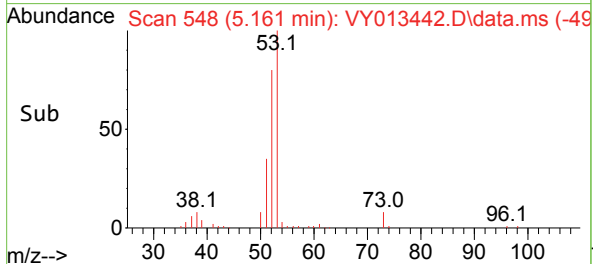
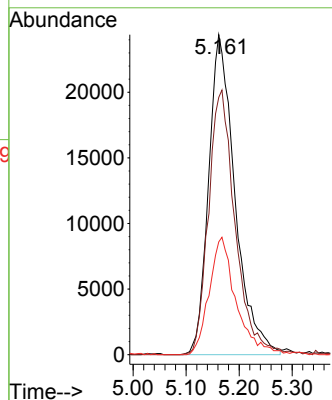
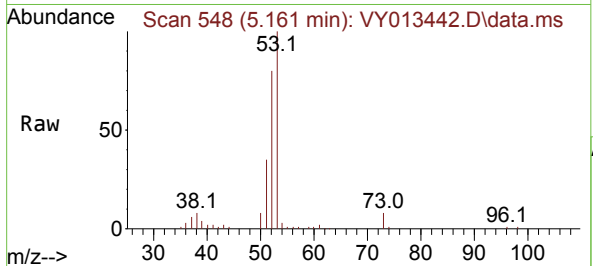




#15
Acrylonitrile
Concen: 97.689 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

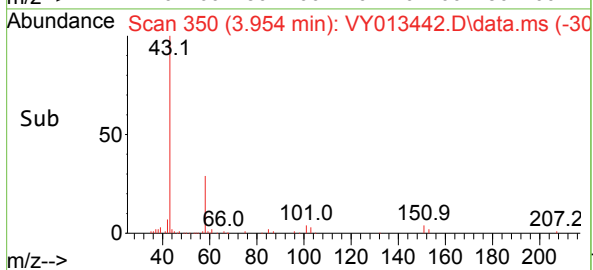
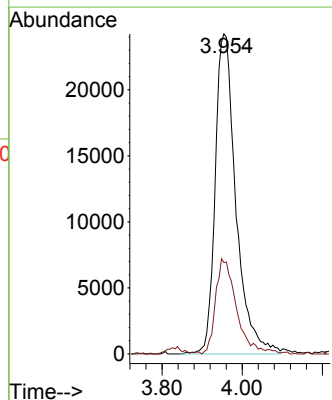
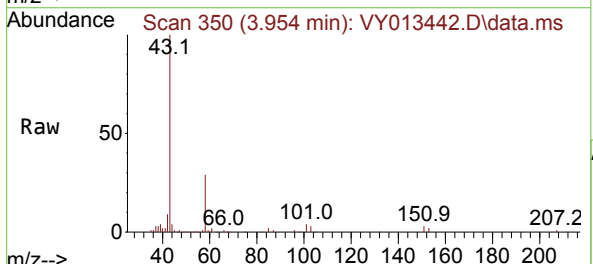
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

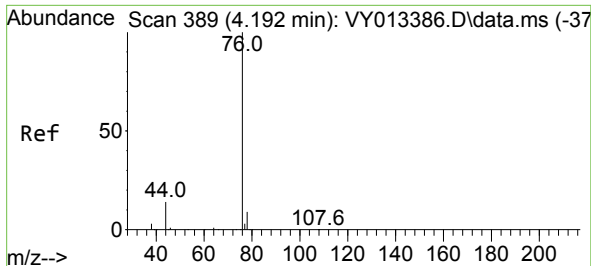
Tgt Ion:	53	Resp:	84190
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.4	98.0
51	37.6	29.3	43.9



#16
Acetone
Concen: 85.684 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:	43	Resp:	86963
Ion	Ratio	Lower	Upper
43	100		
58	28.2	25.4	38.0

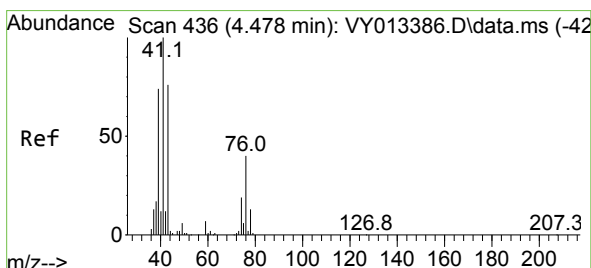
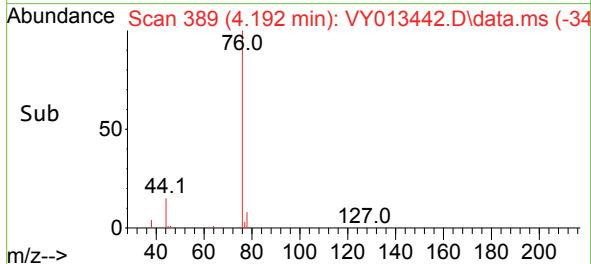
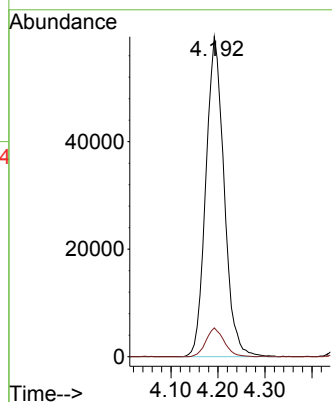
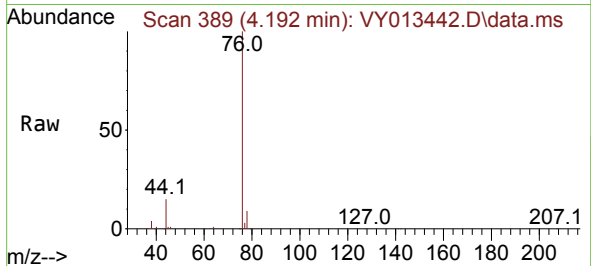




#17
Carbon Disulfide
Concen: 20.209 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

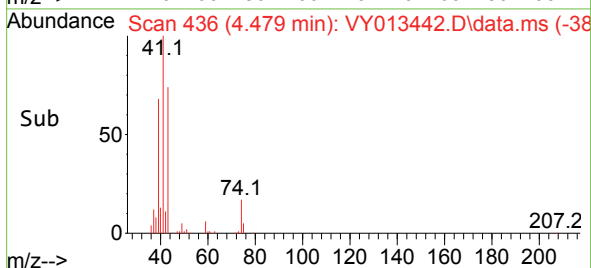
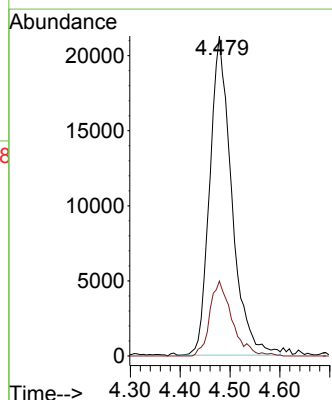
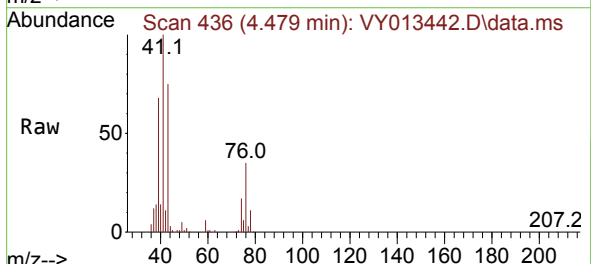
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

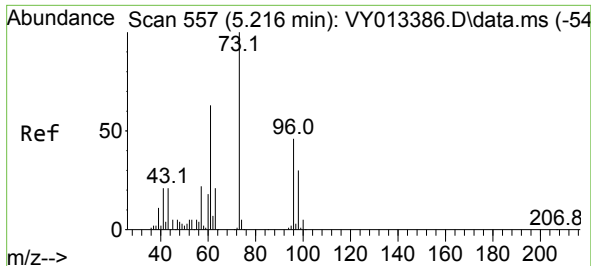
Tgt Ion: 76 Resp: 160393
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.404 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 43 Resp: 65045
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2

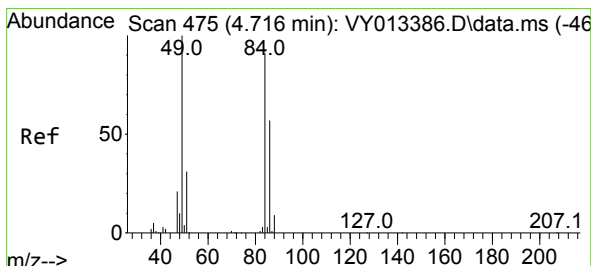
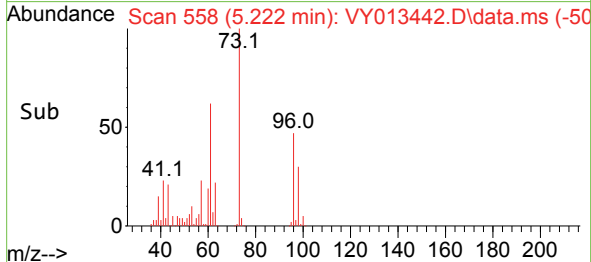
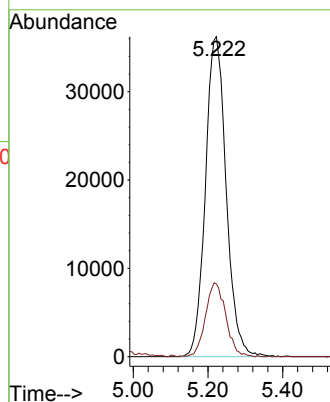
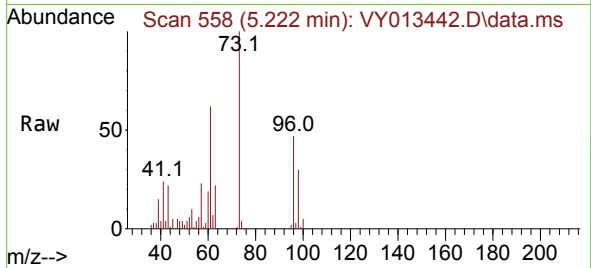




#19
Methyl tert-butyl Ether
Concen: 19.779 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

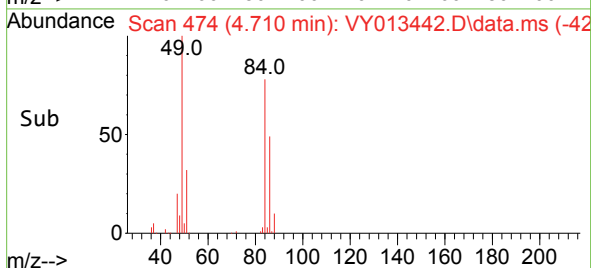
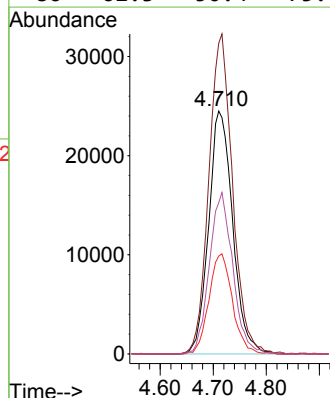
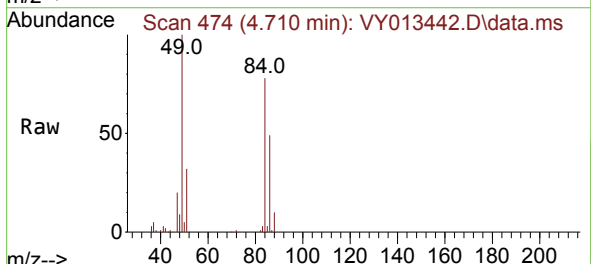
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

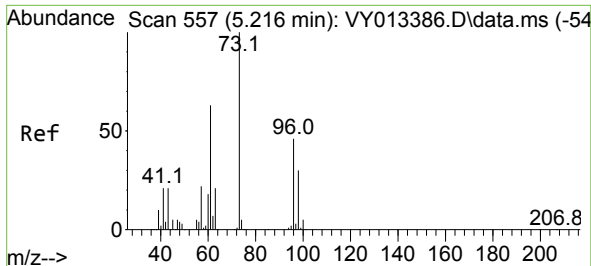
Tgt Ion: 73 Resp: 139522
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 19.313 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 84 Resp: 77192
Ion Ratio Lower Upper
84 100
49 128.0 88.0 132.0
51 40.3 27.4 41.0
86 62.3 50.4 75.6

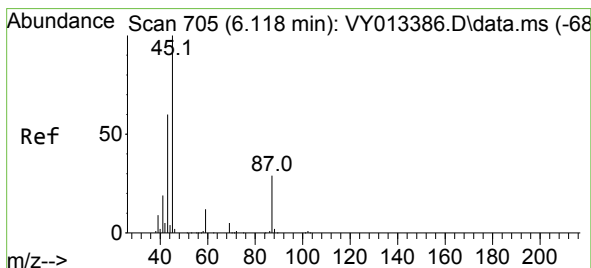
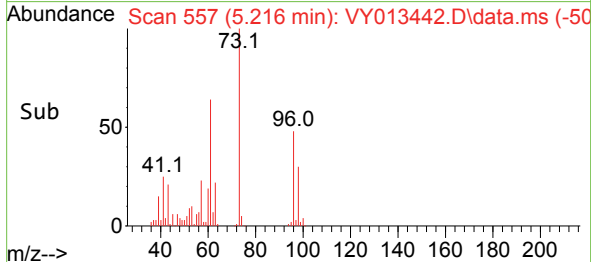
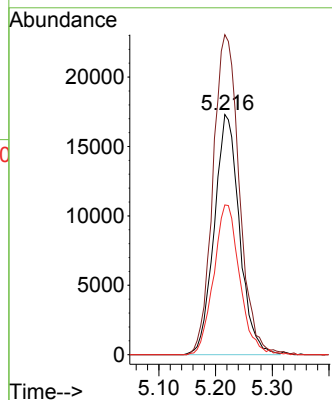
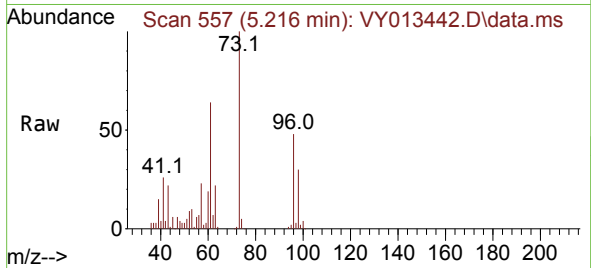




#21
trans-1,2-Dichloroethene
Concen: 19.969 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

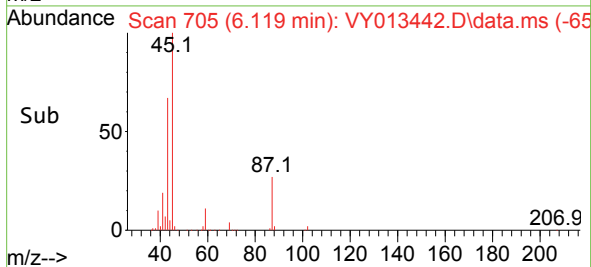
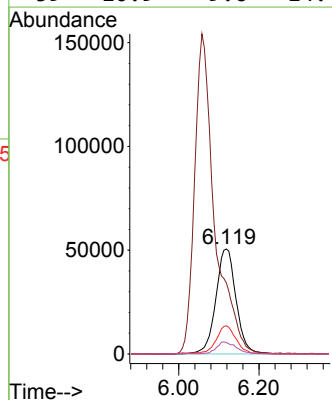
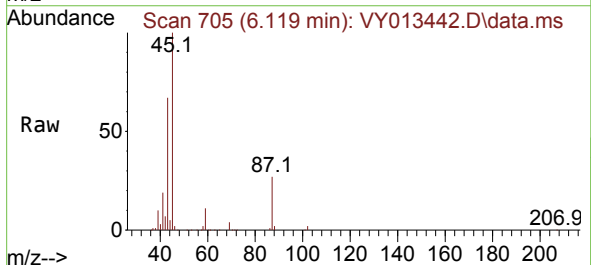
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

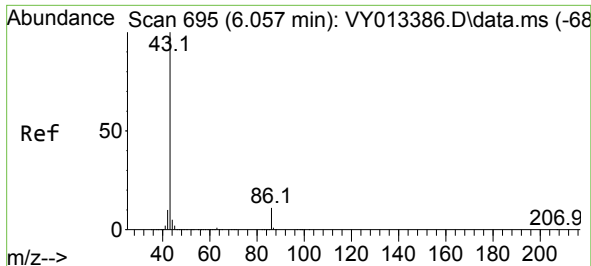
Tgt Ion: 96 Resp: 53348
Ion Ratio Lower Upper
96 100
61 133.2 110.6 165.8
98 62.3 53.1 79.7



#22
Diisopropyl ether
Concen: 19.943 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 45 Resp: 176719
Ion Ratio Lower Upper
45 100
43 66.3 48.4 72.6
87 26.8 23.8 35.6
59 10.9 9.6 14.4

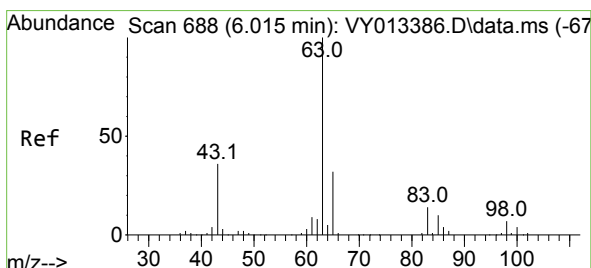
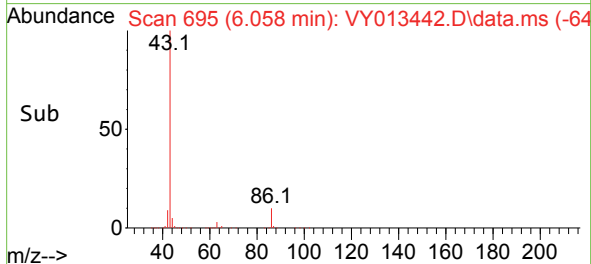
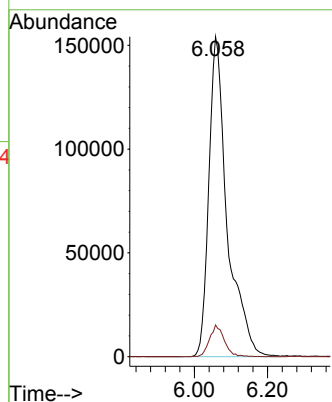
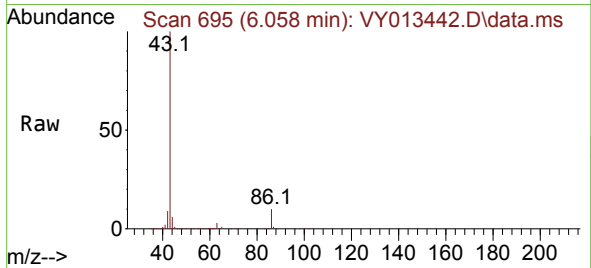




#23
 Vinyl Acetate
 Concen: 107.100 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

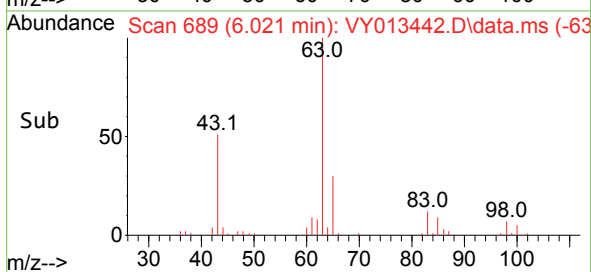
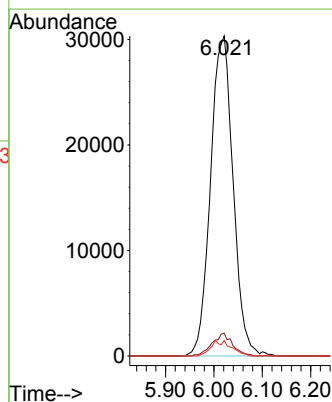
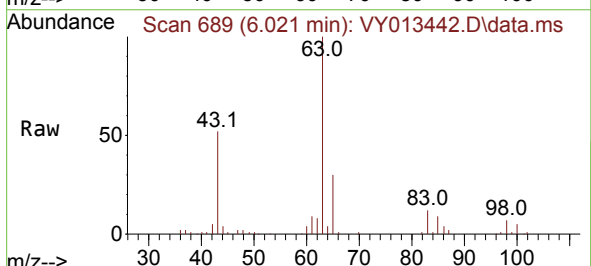
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

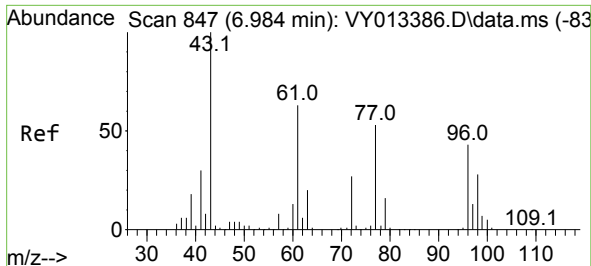
Tgt Ion: 43 Resp: 537346
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.913 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

Tgt Ion: 63 Resp: 98347
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 91.836 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

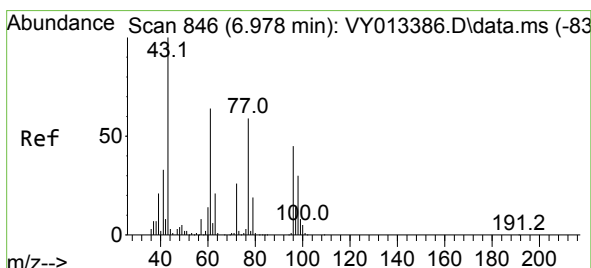
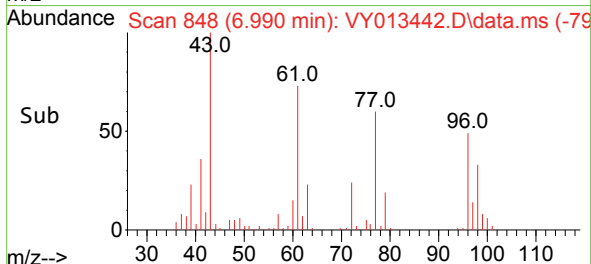
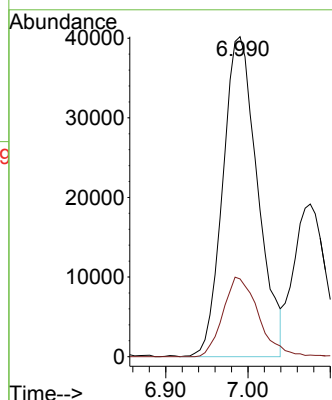
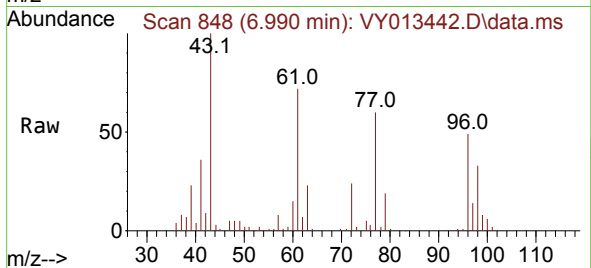
VY0425SBS01

Tgt Ion: 43 Resp: 118207

Ion Ratio Lower Upper

43 100

72 24.3 21.9 32.9



#26

2,2-Dichloropropane

Concen: 19.465 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013442.D

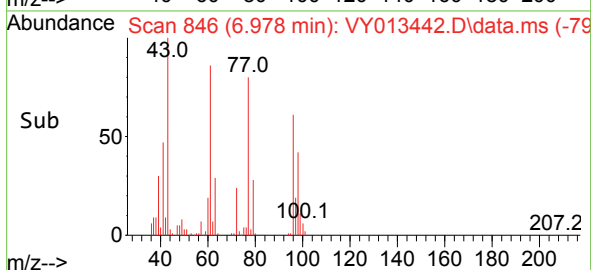
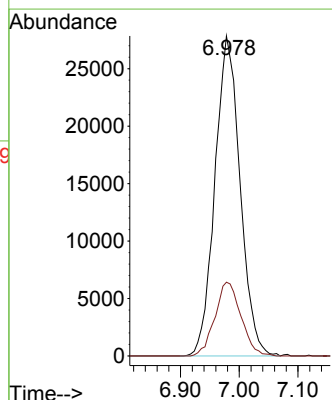
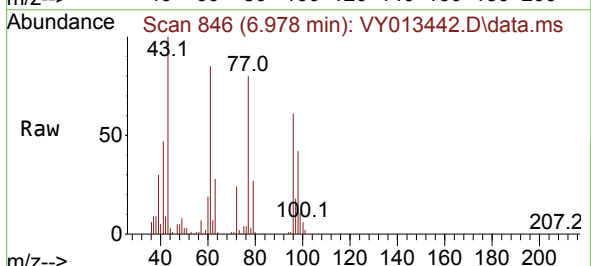
Acq: 25 Apr 2023 13:31

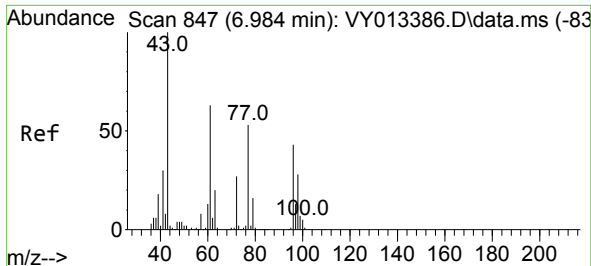
Tgt Ion: 77 Resp: 82837

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 20.153 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBSD01

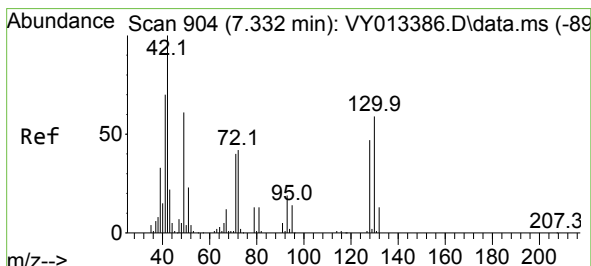
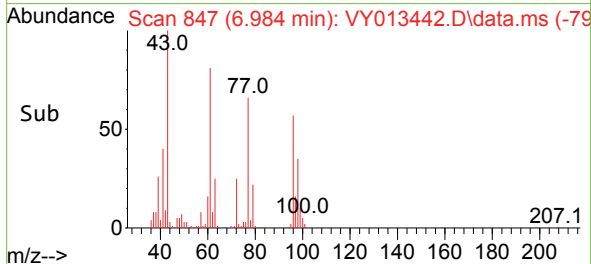
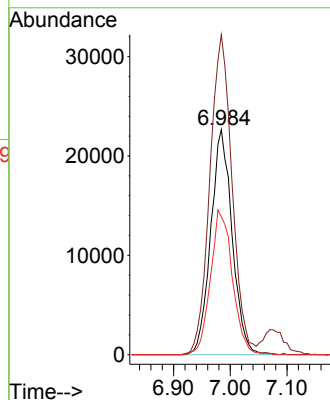
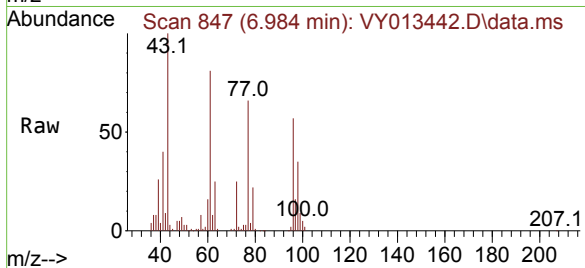
Tgt Ion: 96 Resp: 59486

Ion Ratio Lower Upper

96 100

61 147.1 0.0 285.0

98 65.8 0.0 130.6



#28

Bromochloromethane

Concen: 20.689 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

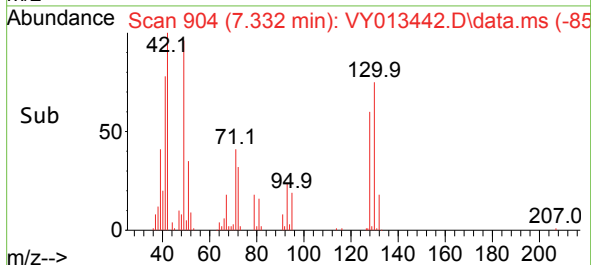
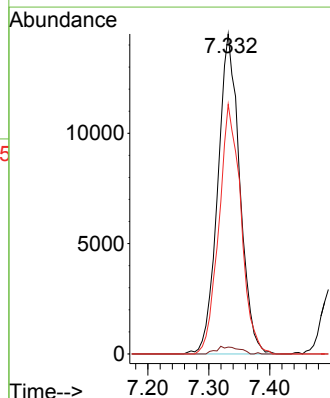
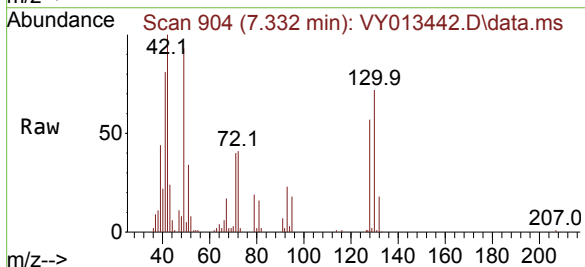
Tgt Ion: 49 Resp: 36258

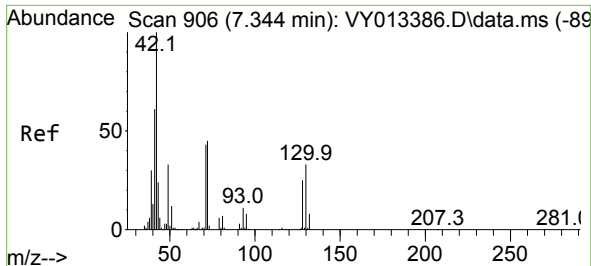
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 78.3 72.1 108.1

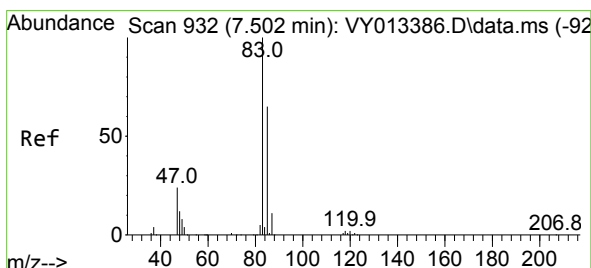
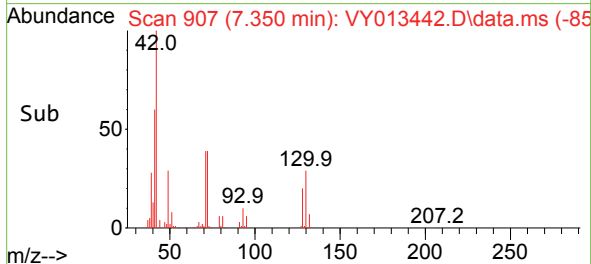
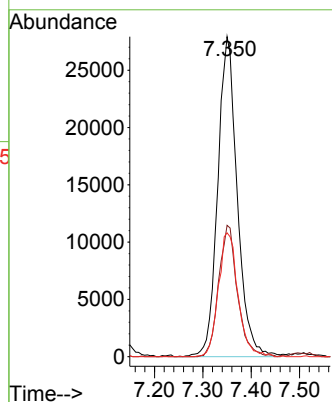
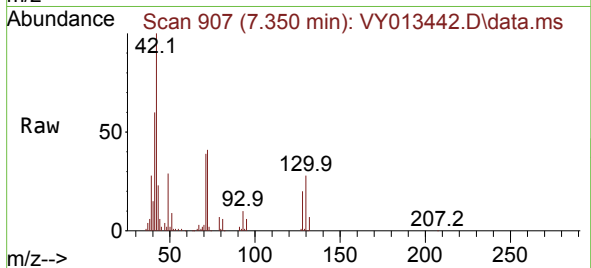




#29
Tetrahydrofuran
Concen: 97.627 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

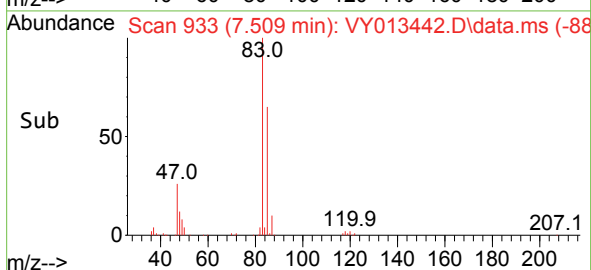
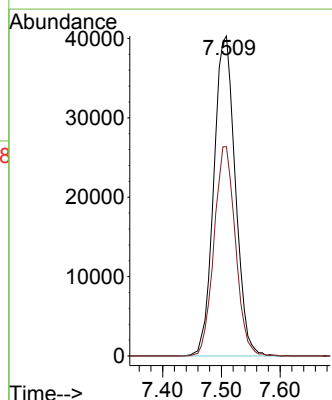
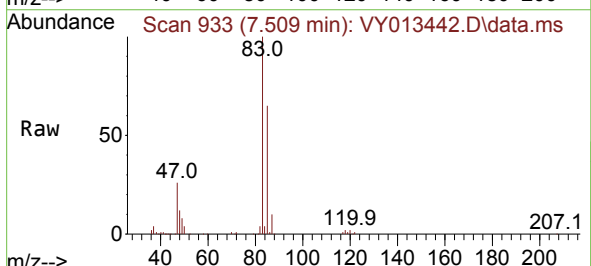
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

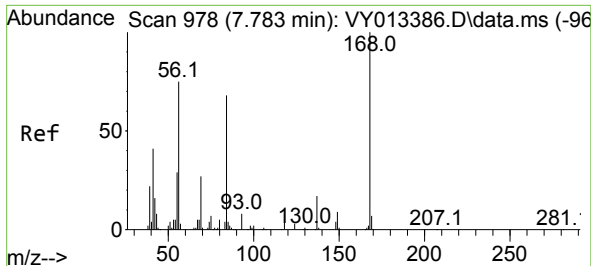
Tgt Ion: 42 Resp: 78221
Ion Ratio Lower Upper
42 100
72 39.5 35.9 53.9
71 38.9 34.3 51.5



#30
Chloroform
Concen: 20.856 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 83 Resp: 102410
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0

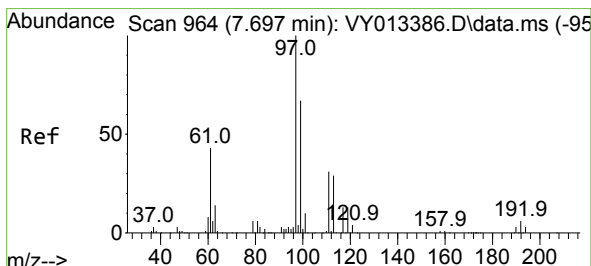
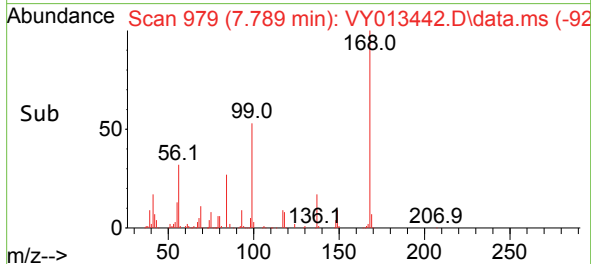
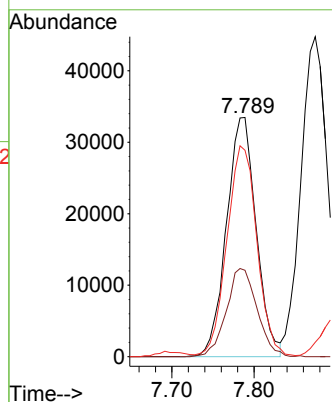
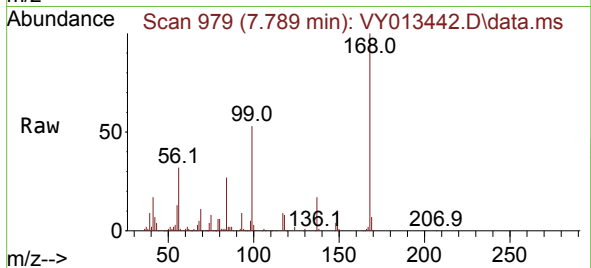




#31
Cyclohexane
Concen: 18.229 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

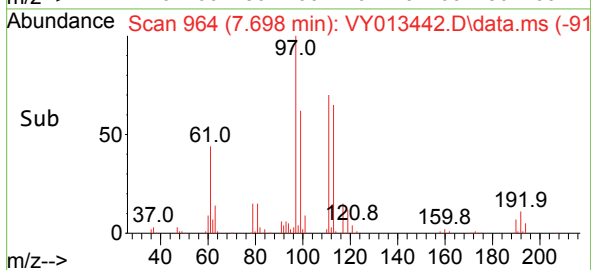
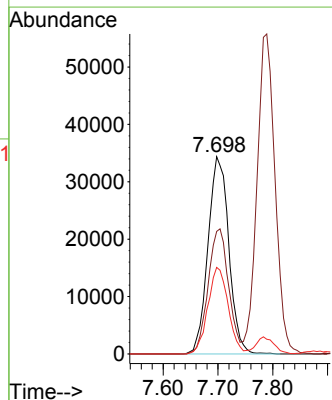
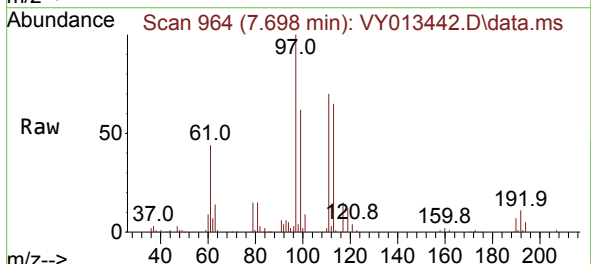
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

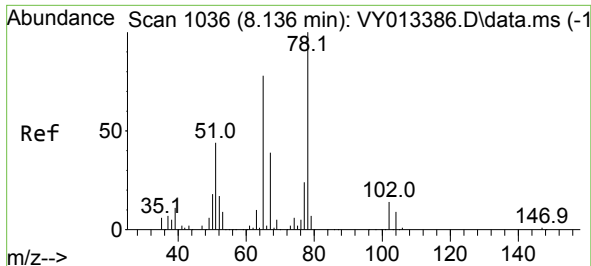
Tgt Ion: 56 Resp: 84116
Ion Ratio Lower Upper
56 100
69 36.2 29.2 43.8
84 84.7 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 20.651 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 97 Resp: 90488
Ion Ratio Lower Upper
97 100
99 62.2 52.2 78.2
61 42.9 33.8 50.8

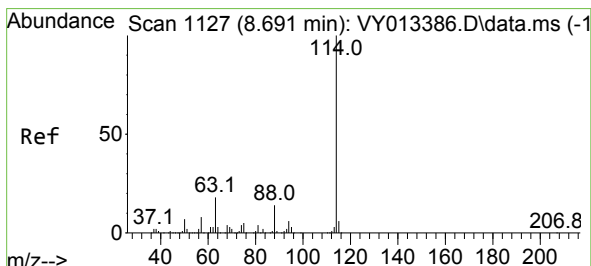
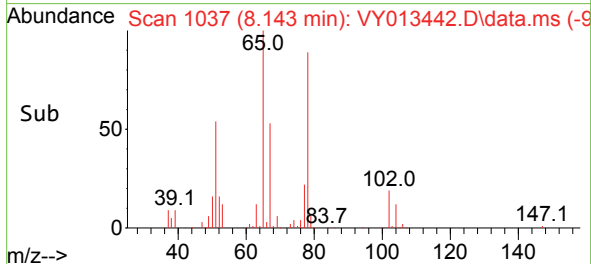
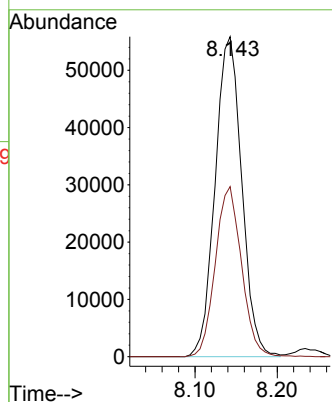
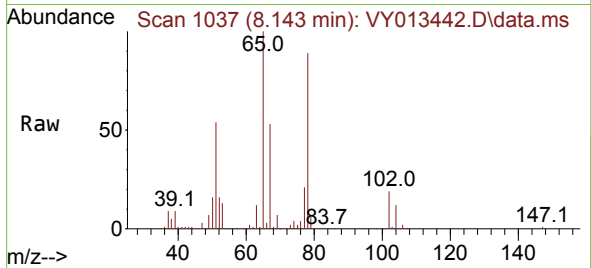




#33
 1,2-Dichloroethane-d4
 Concen: 48.746 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

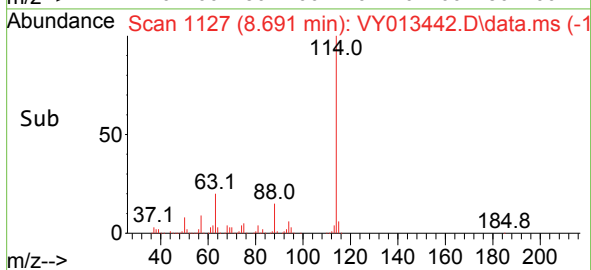
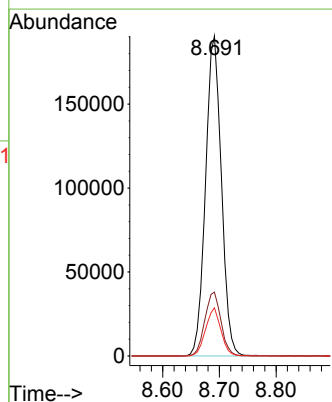
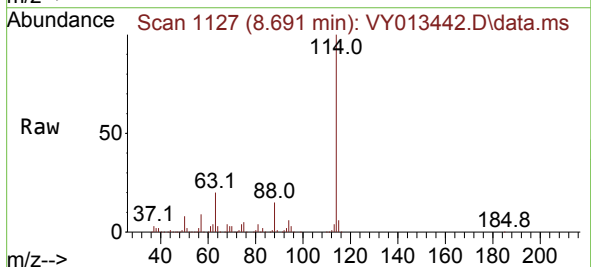
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

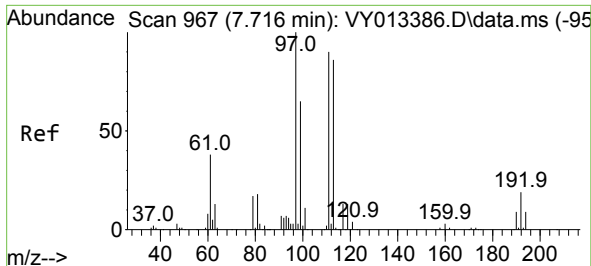
Tgt Ion: 65 Resp: 125628
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

Tgt Ion: 114 Resp: 369455
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.6
 88 15.1 0.0 28.8

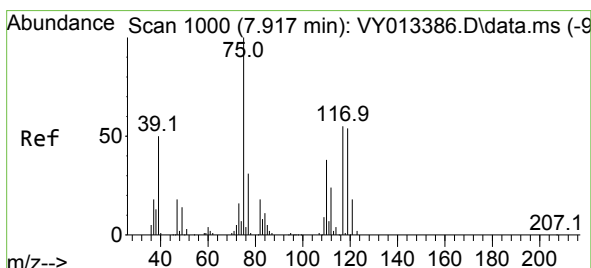
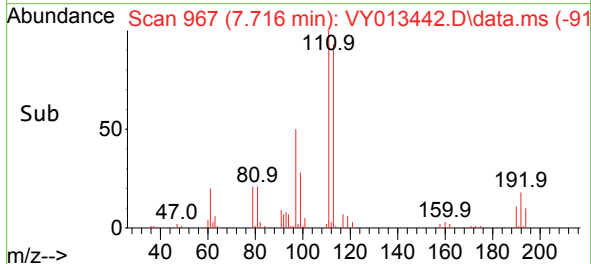
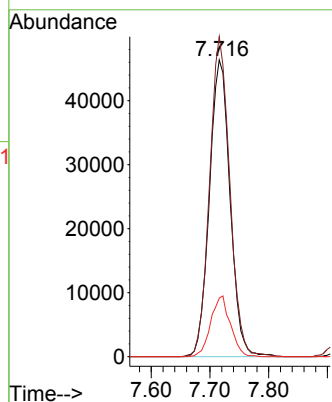
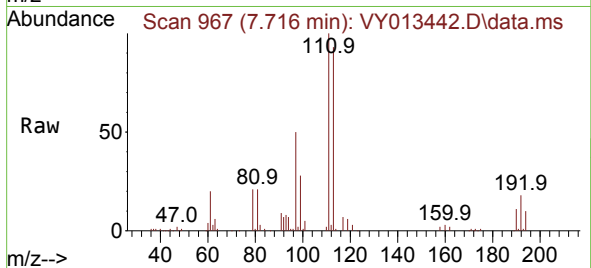




#35
Dibromofluoromethane
Concen: 48.728 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

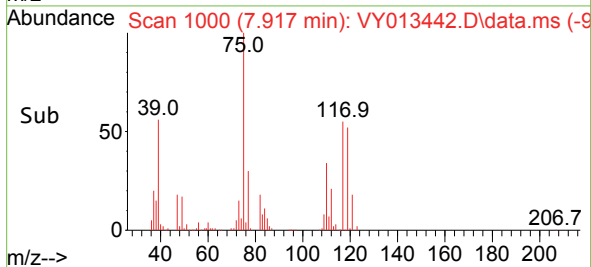
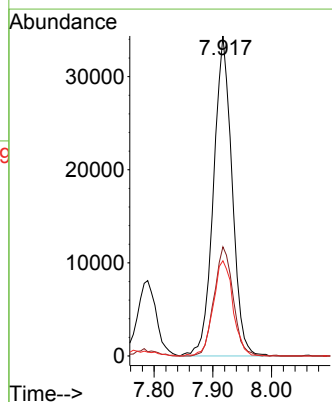
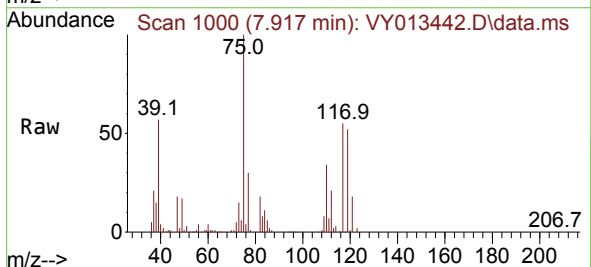
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

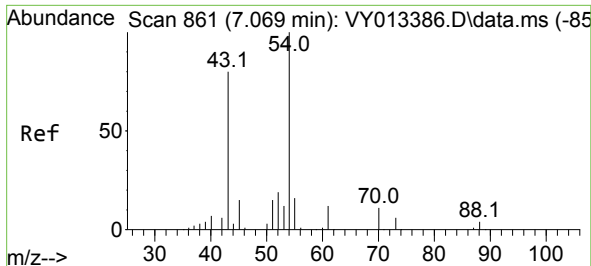
Tgt Ion:113 Resp: 113230
Ion Ratio Lower Upper
113 100
111 105.5 82.2 123.2
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 19.529 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 75 Resp: 75315
Ion Ratio Lower Upper
75 100
110 34.9 18.7 56.1
77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 18.792 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

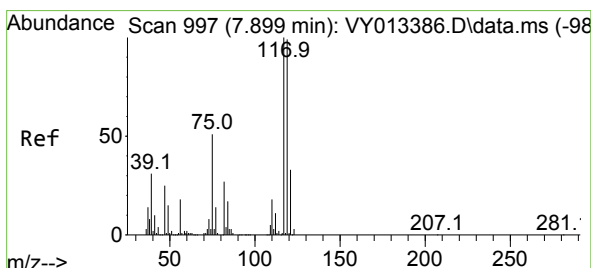
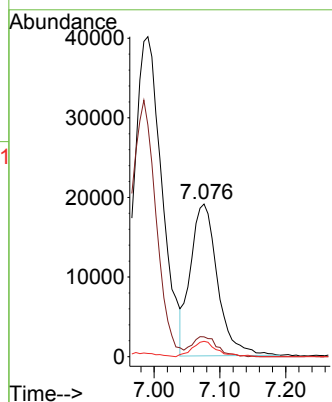
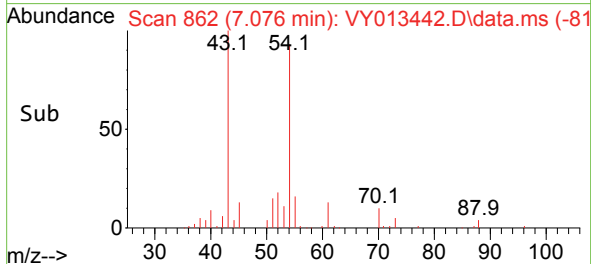
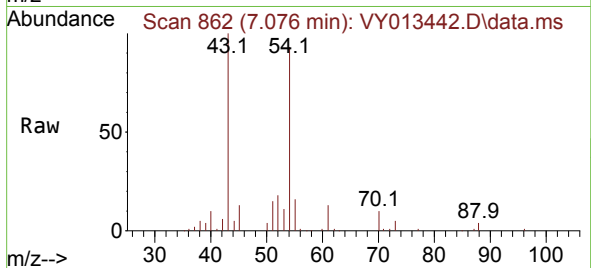
Tgt Ion: 43 Resp: 54538

Ion Ratio Lower Upper

43 100

61 12.4 11.4 17.0

70 9.3 7.9 11.9



#38

Carbon Tetrachloride

Concen: 20.356 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

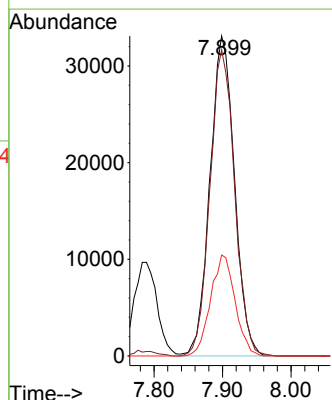
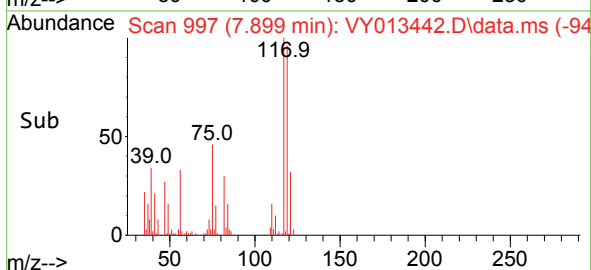
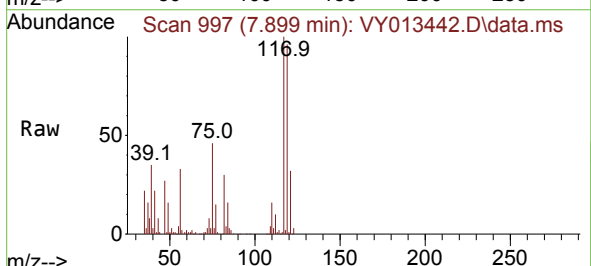
Tgt Ion: 117 Resp: 82279

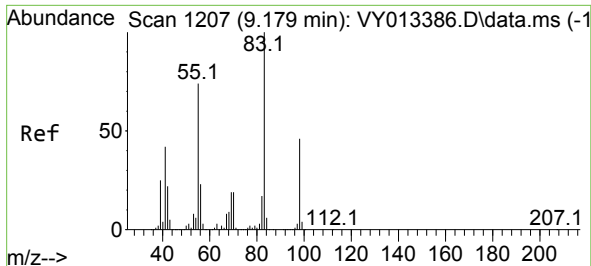
Ion Ratio Lower Upper

117 100

119 95.7 79.0 118.6

121 31.6 26.6 40.0





#39

Methylcyclohexane

Concen: 18.494 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBSD01

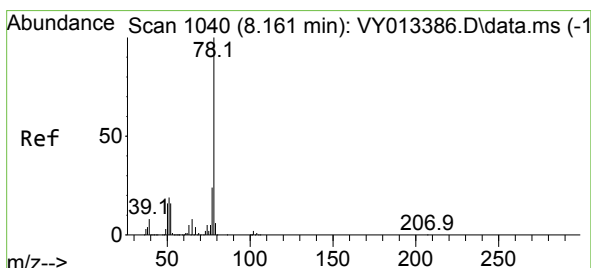
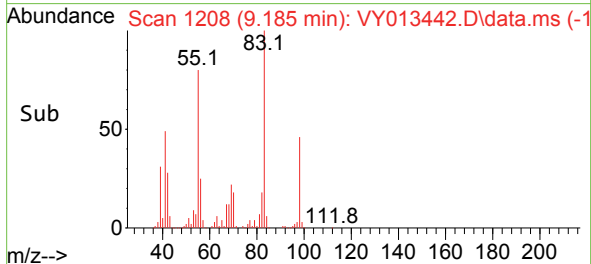
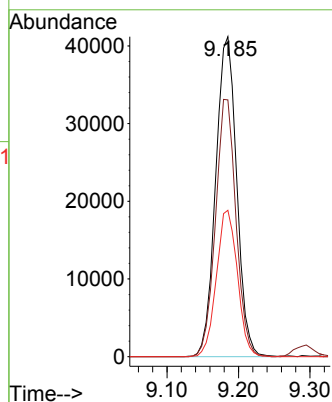
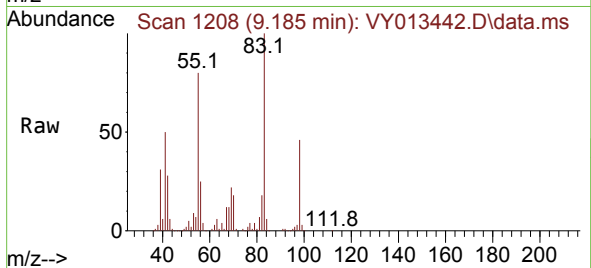
Tgt Ion: 83 Resp: 84082

Ion Ratio Lower Upper

83 100

55 80.2 59.0 88.4

98 45.8 37.0 55.4



#40

Benzene

Concen: 20.395 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013442.D

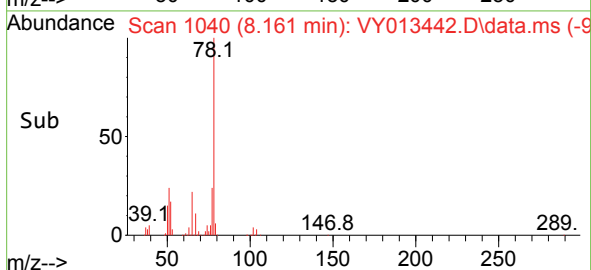
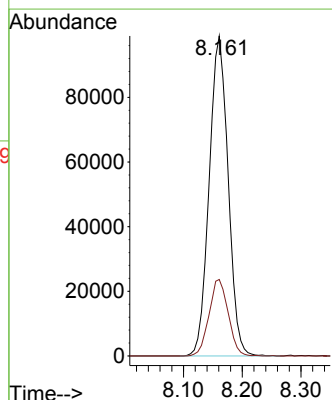
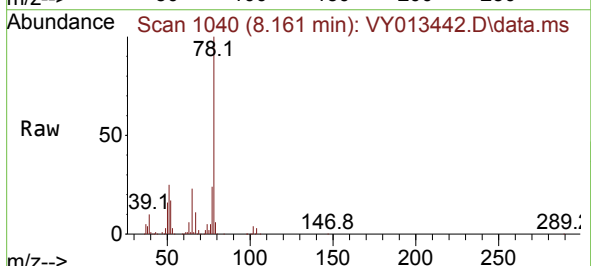
Acq: 25 Apr 2023 13:31

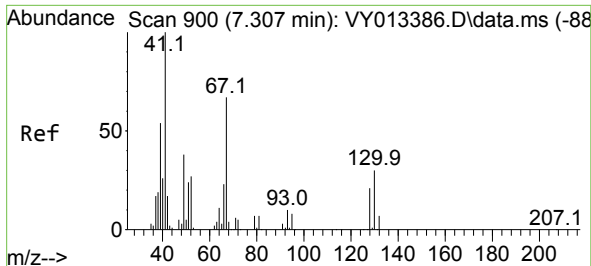
Tgt Ion: 78 Resp: 221558

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

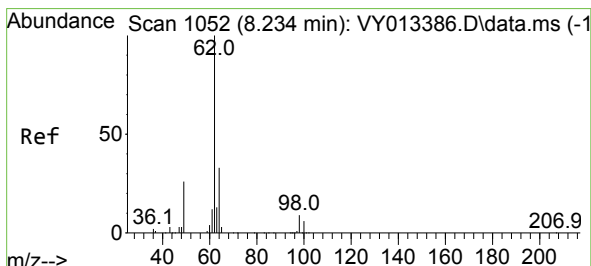
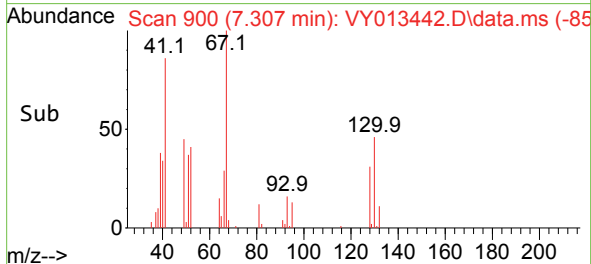
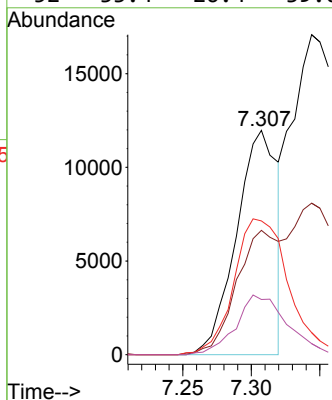
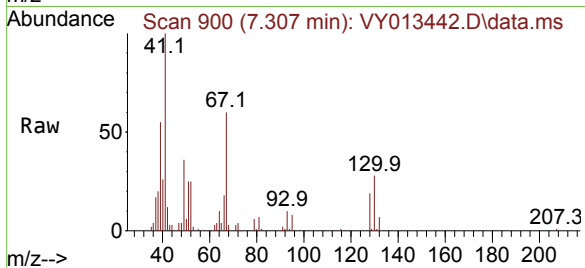




#41
Methacrylonitrile
Concen: 18.407 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

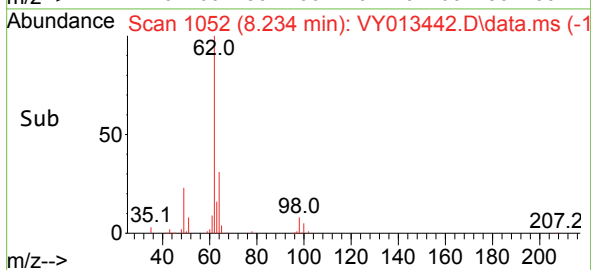
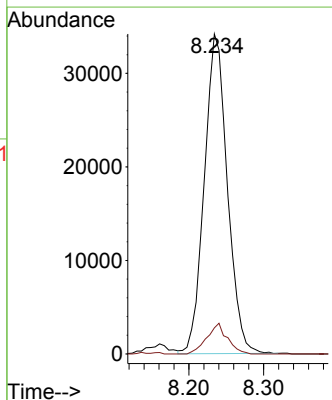
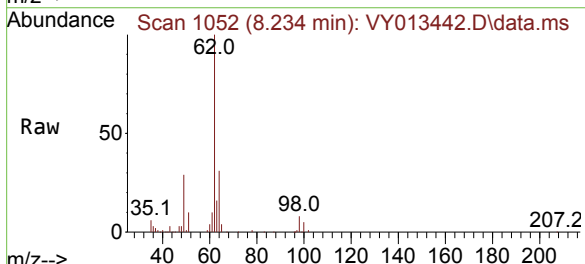
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

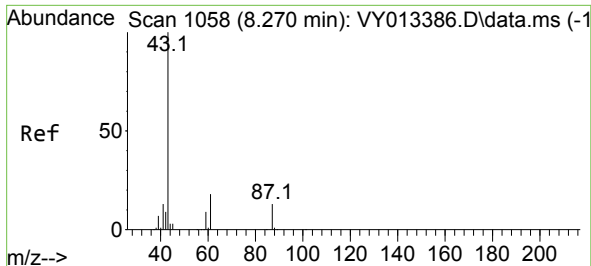
Tgt Ion:	41	Resp:	24893
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.2	66.4
67	81.5	62.9	94.3
52	33.4	26.4	39.6



#42
1,2-Dichloroethane
Concen: 20.678 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:	62	Resp:	73440
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

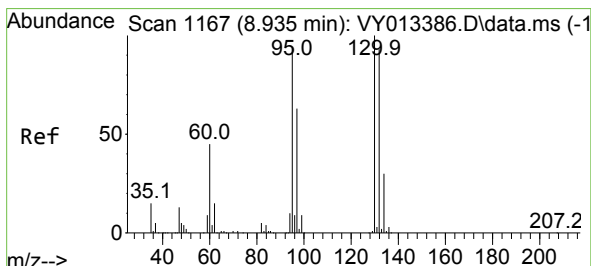
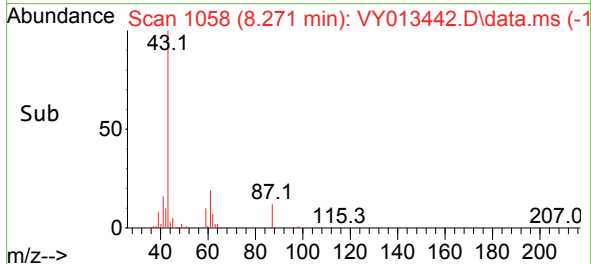
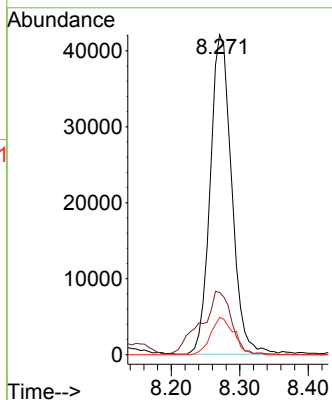
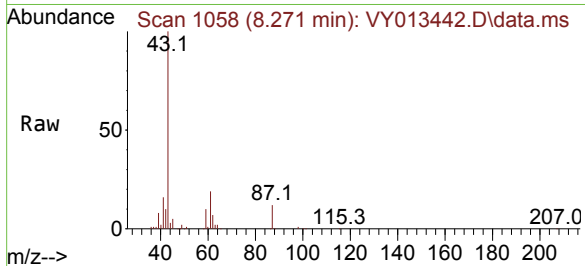




#43
Isopropyl Acetate
Concen: 18.663 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

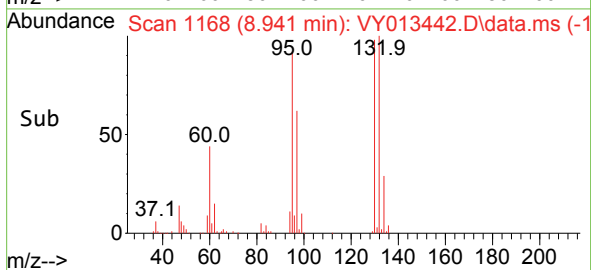
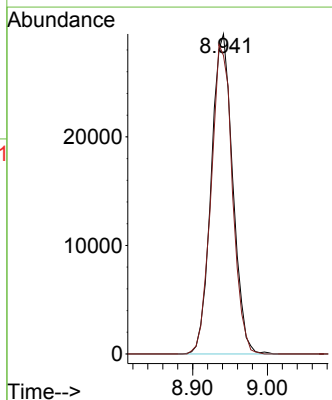
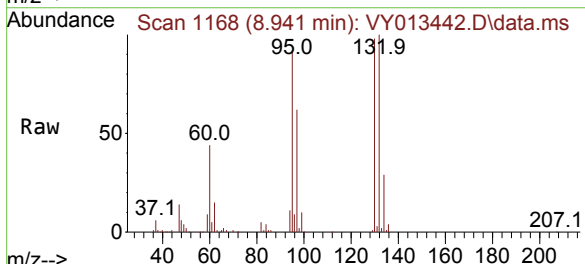
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

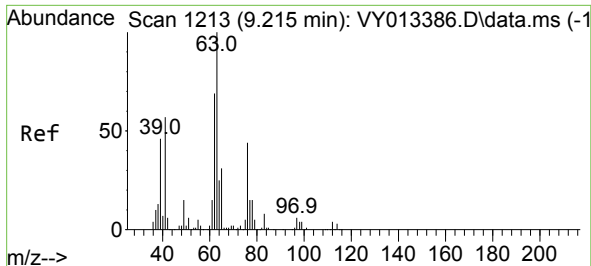
Tgt Ion: 43 Resp: 91422
Ion Ratio Lower Upper
43 100
61 28.2 22.2 33.4
87 12.7 11.0 16.6



#44
Trichloroethene
Concen: 20.389 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:130 Resp: 58916
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 19.935 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

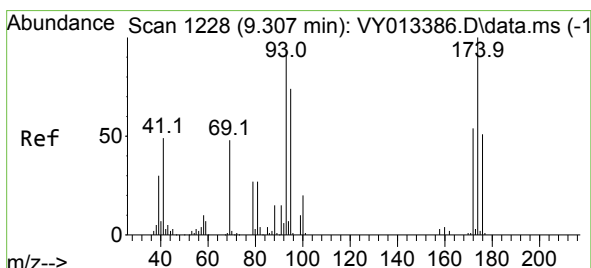
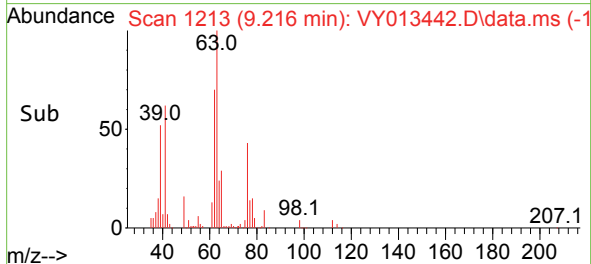
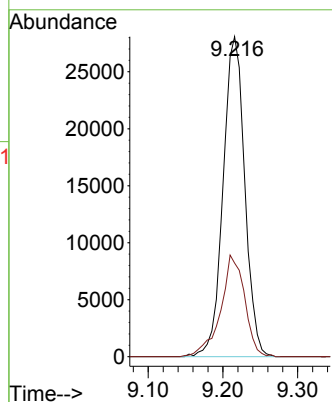
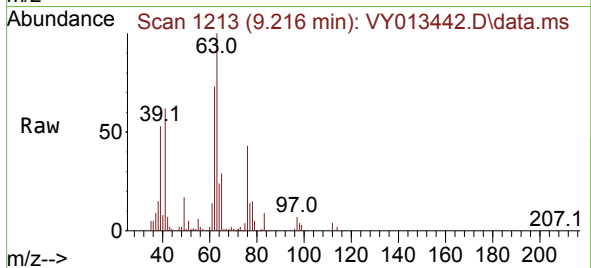
VY0425SBS01

Tgt Ion: 63 Resp: 56622

Ion Ratio Lower Upper

63 100

65 29.3 24.6 37.0



#46

Dibromomethane

Concen: 20.604 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

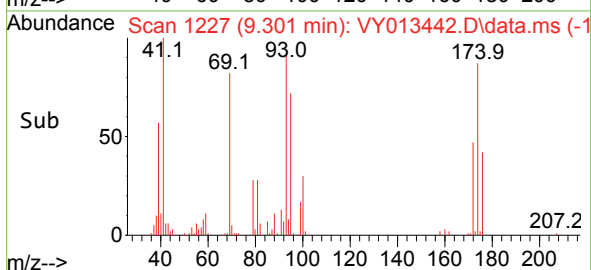
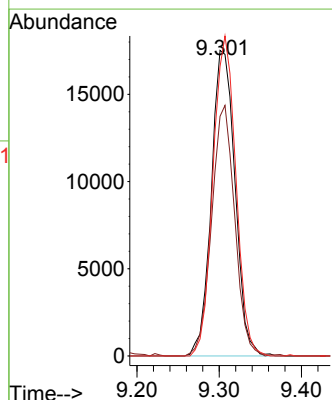
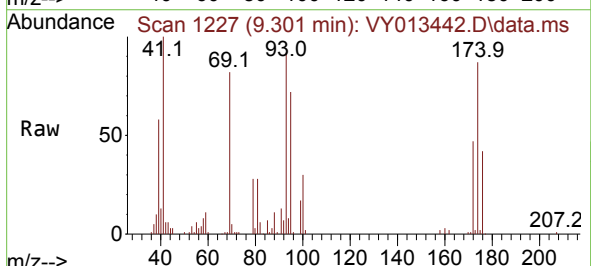
Tgt Ion: 93 Resp: 35017

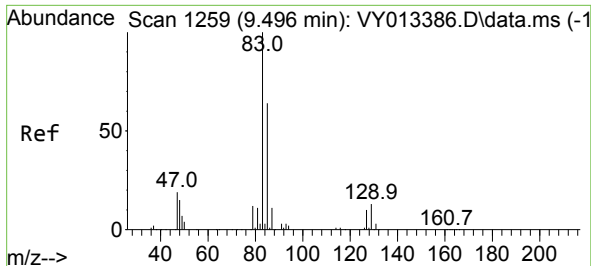
Ion Ratio Lower Upper

93 100

95 79.8 67.1 100.7

174 101.3 87.0 130.4

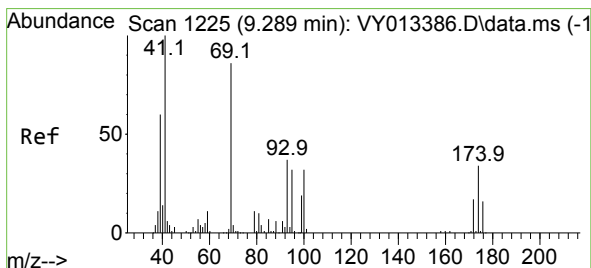
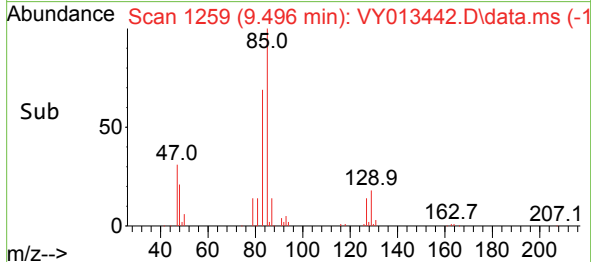
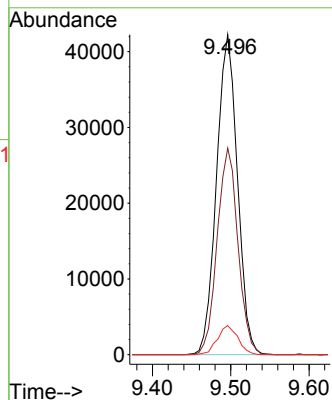
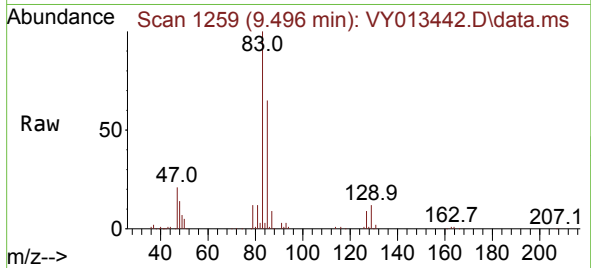




#47
Bromodichloromethane
Concen: 20.665 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

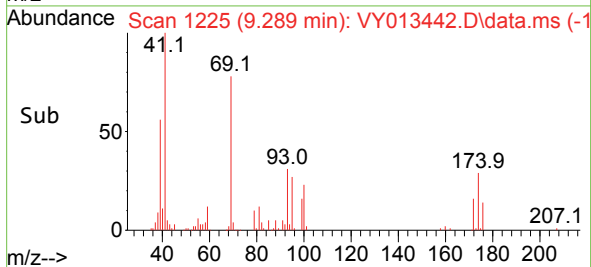
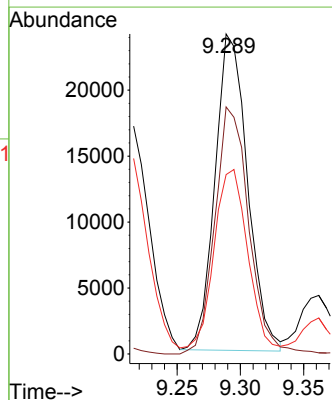
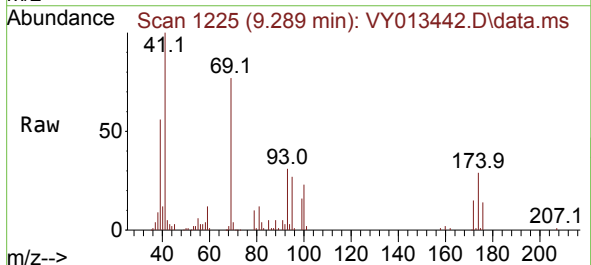
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

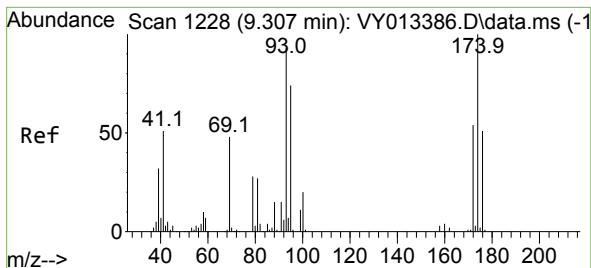
Tgt Ion: 83 Resp: 78586
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 9.1 8.1 12.1



#48
Methyl methacrylate
Concen: 19.079 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 41 Resp: 42923
Ion Ratio Lower Upper
41 100
69 81.7 70.2 105.4
39 61.4 47.9 71.9





#49

1,4-Dioxane

Concen: 404.079 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

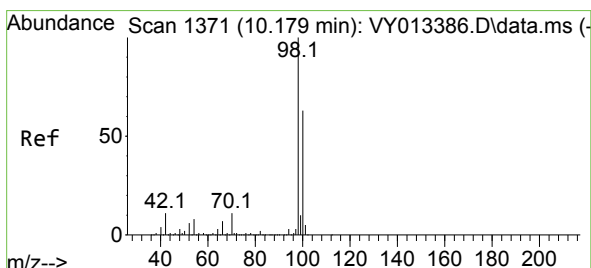
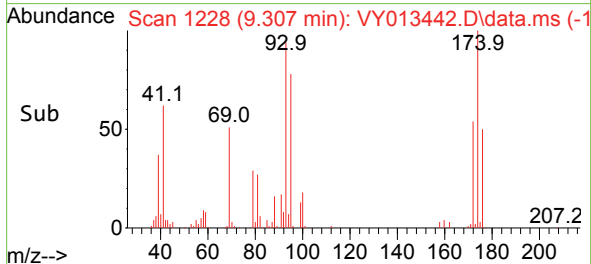
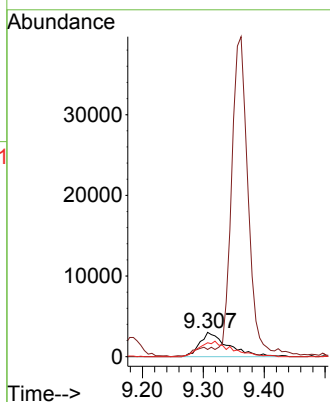
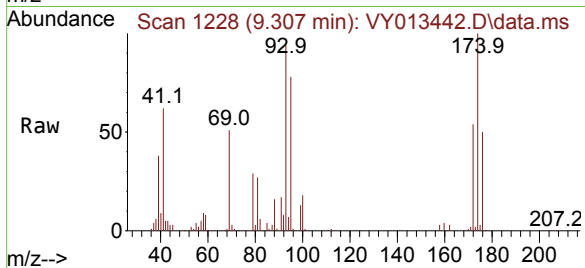
Tgt Ion: 88 Resp: 9808

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 71.7 54.3 81.5



#50

Toluene-d8

Concen: 47.868 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013442.D

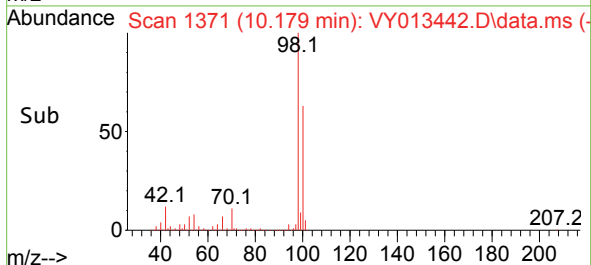
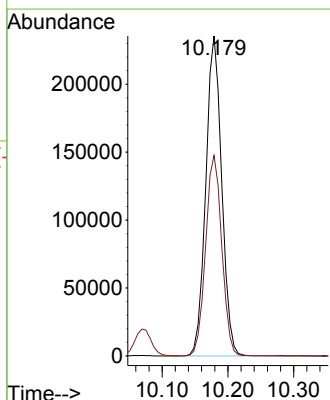
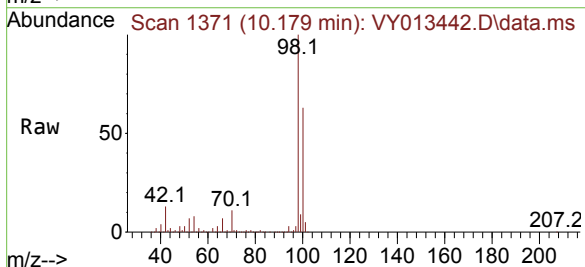
Acq: 25 Apr 2023 13:31

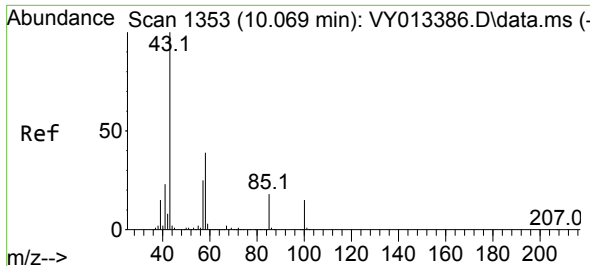
Tgt Ion: 98 Resp: 395692

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

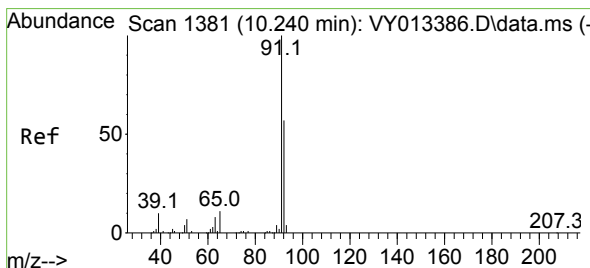
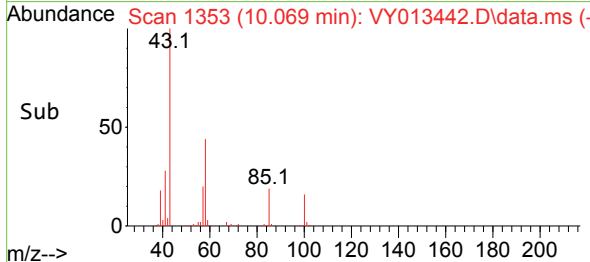
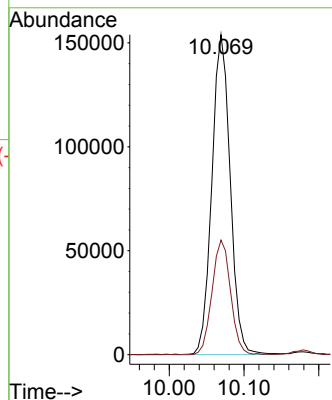
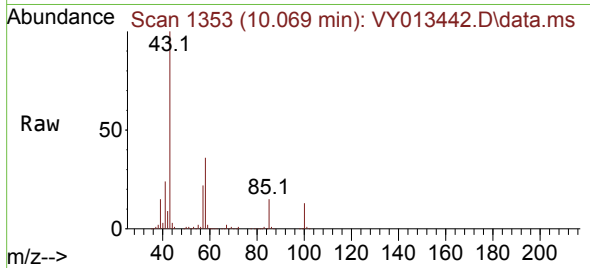




#51
4-Methyl-2-Pentanone
Concen: 96.297 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

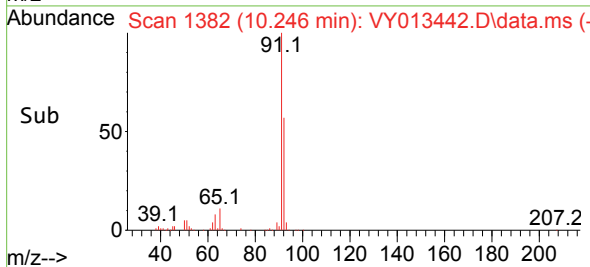
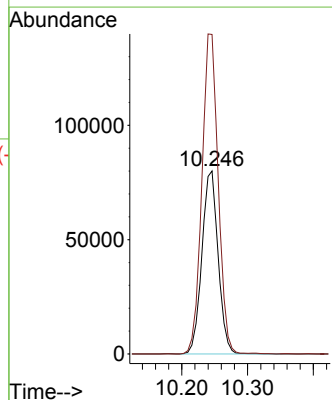
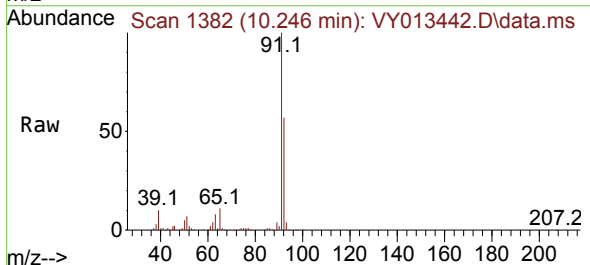
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

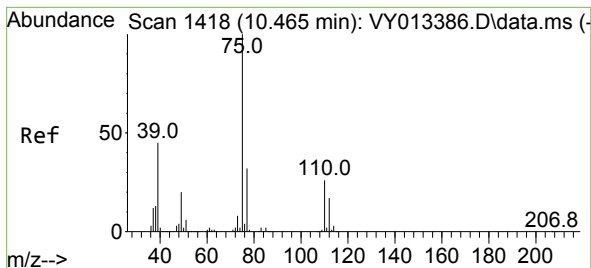
Tgt Ion: 43 Resp: 262861
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0



#52
Toluene
Concen: 20.969 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 92 Resp: 137080
Ion Ratio Lower Upper
92 100
91 175.7 140.2 210.4

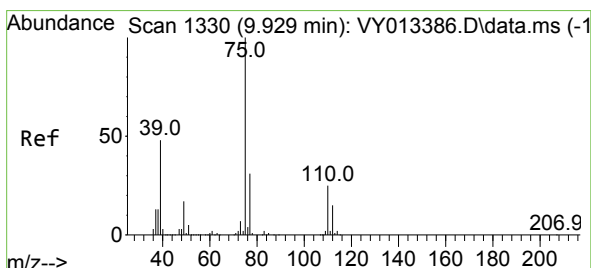
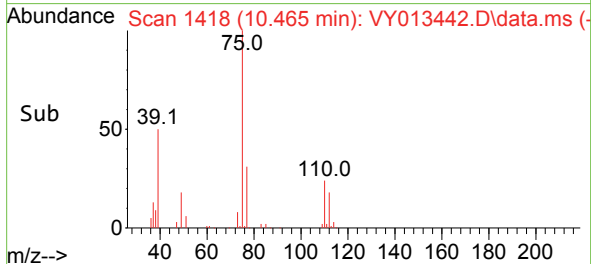
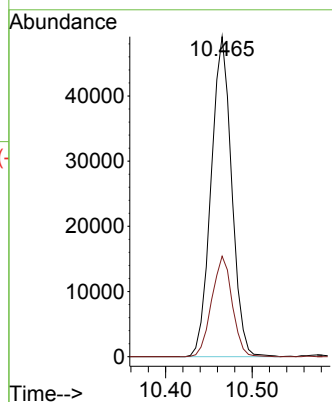
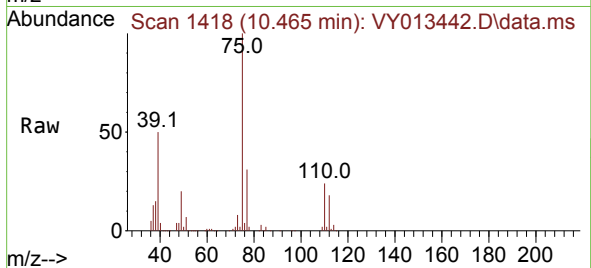




#53
t-1,3-Dichloropropene
Concen: 20.127 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

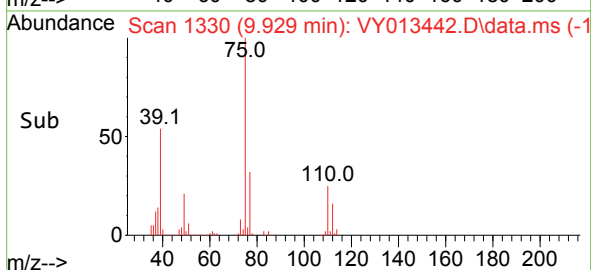
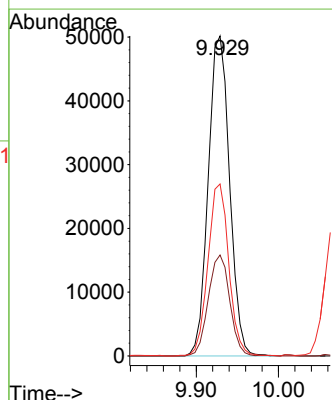
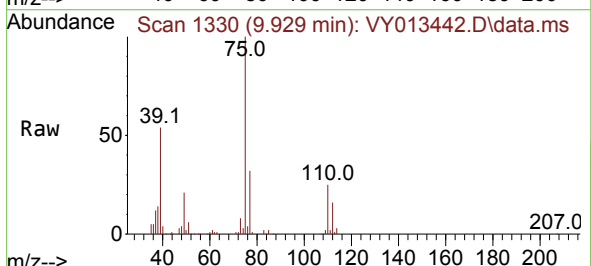
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

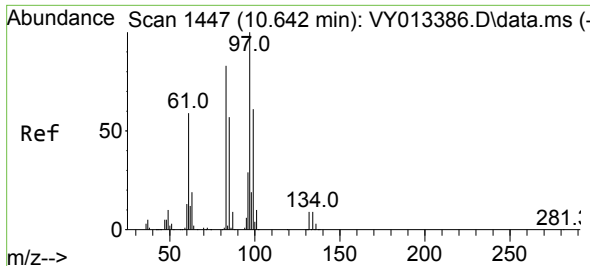
Tgt Ion: 75 Resp: 81004
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 19.939 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 75 Resp: 90298
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 53.7 38.1 57.1

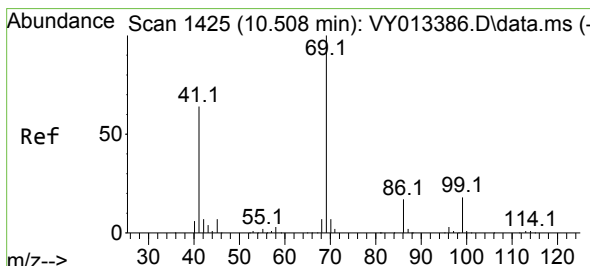
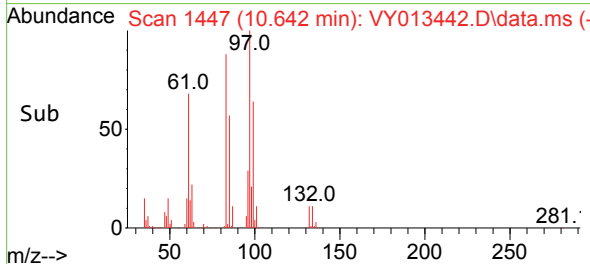
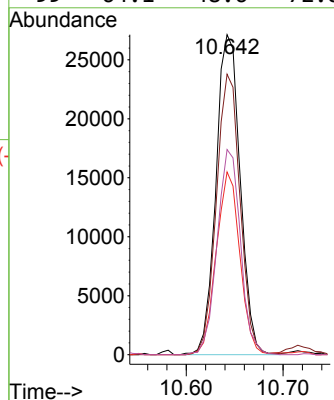
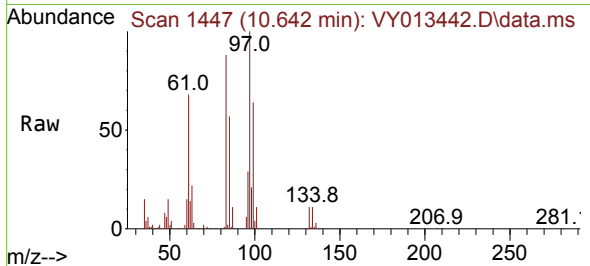




#55
1,1,2-Trichloroethane
Concen: 20.958 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

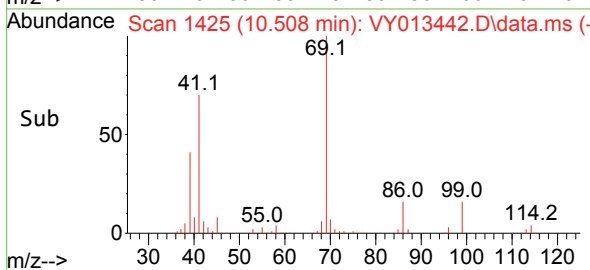
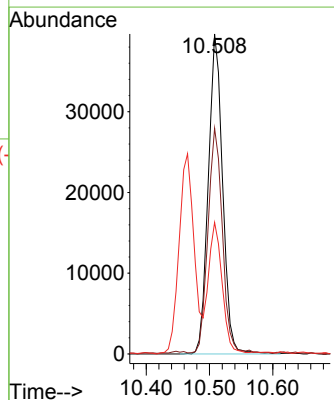
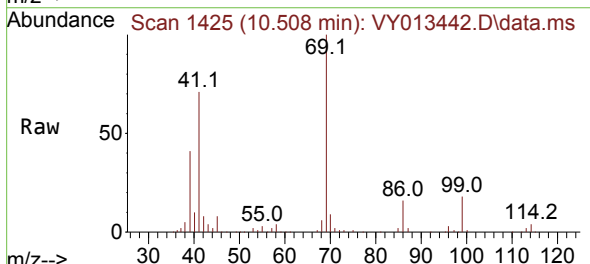
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

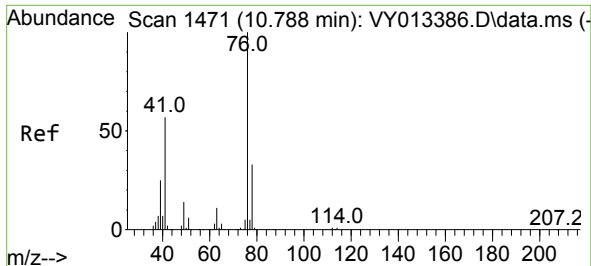
Tgt Ion: 97	Resp: 47169
Ion Ratio	Lower Upper
97 100	
83 87.6	66.4 99.6
85 57.1	45.6 68.4
99 64.1	48.6 72.8



#56
Ethyl methacrylate
Concen: 20.038 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 69	Resp: 62567
Ion Ratio	Lower Upper
69 100	
41 71.1	51.4 77.0
39 37.9	29.0 43.6





#57

1,3-Dichloropropane

Concen: 20.645 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

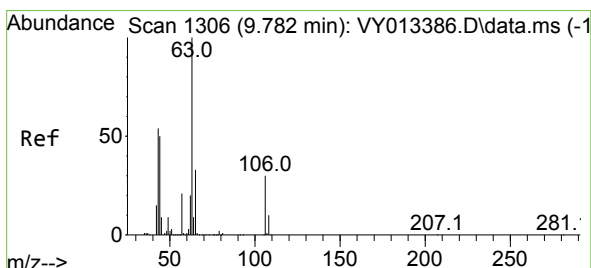
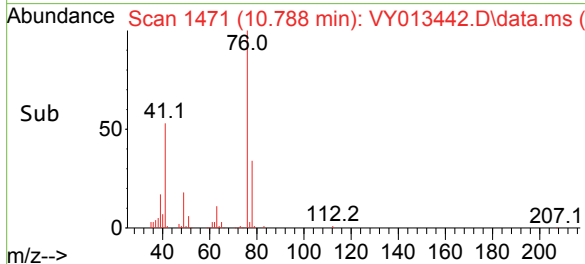
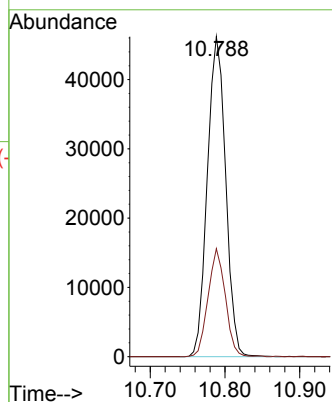
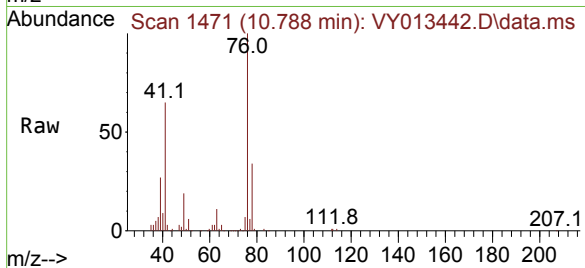
VY0425SBSD01

Tgt Ion: 76 Resp: 78693

Ion Ratio Lower Upper

76 100

78 31.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 110.335 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013442.D

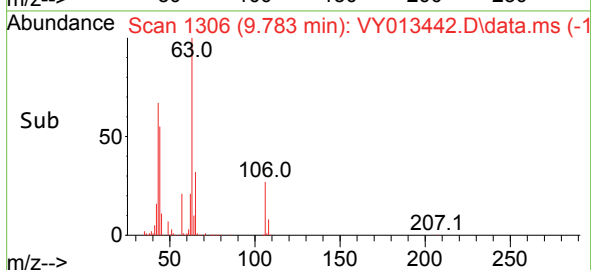
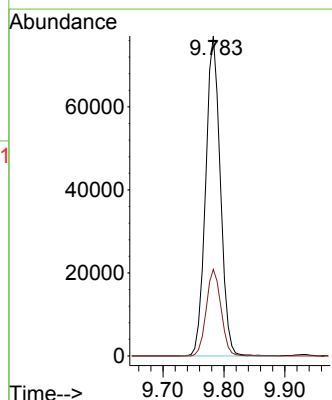
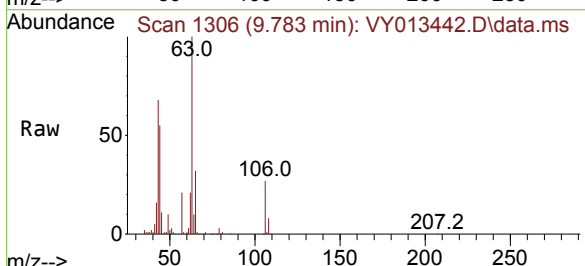
Acq: 25 Apr 2023 13:31

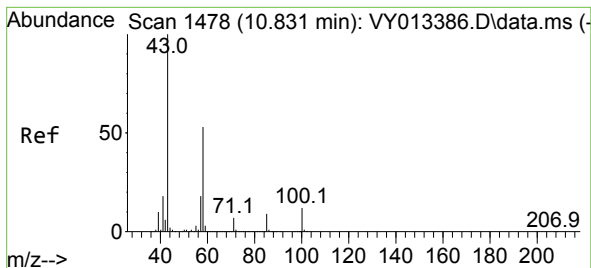
Tgt Ion: 63 Resp: 129187

Ion Ratio Lower Upper

63 100

106 27.1 23.5 35.3

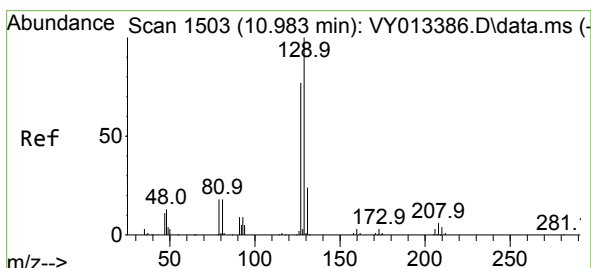
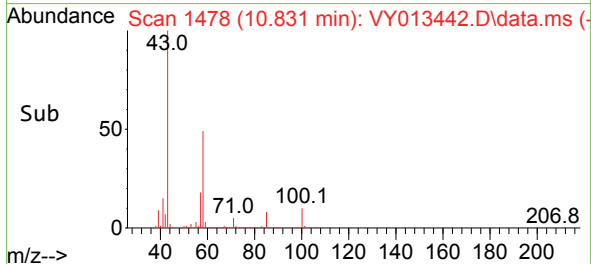
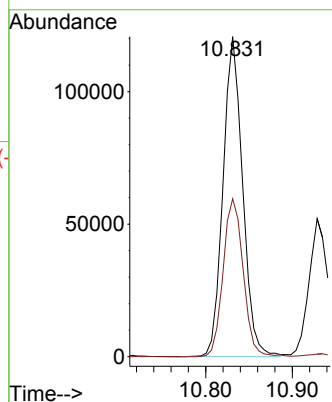
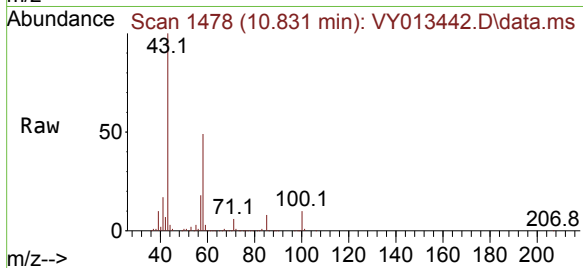




#59
2-Hexanone
Concen: 95.679 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

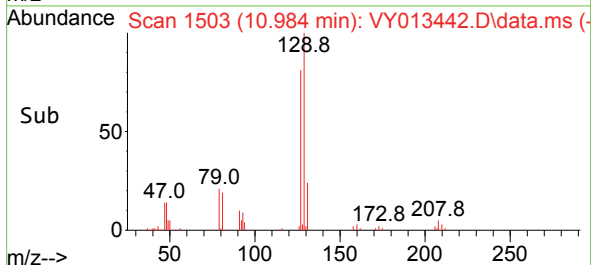
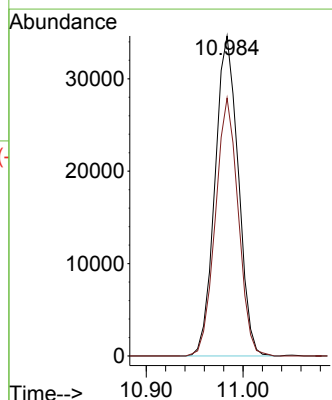
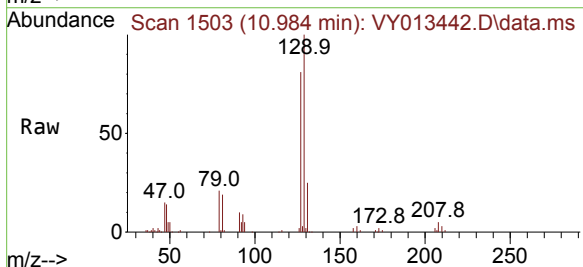
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

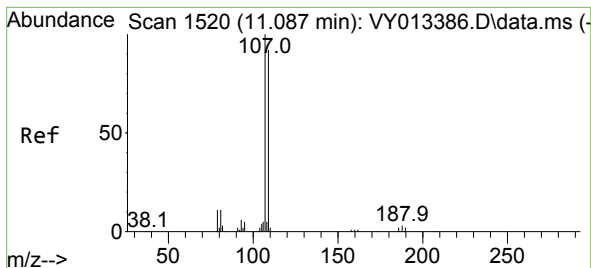
Tgt Ion: 43 Resp: 189852
Ion Ratio Lower Upper
43 100
58 50.4 26.3 78.8



#60
Dibromochloromethane
Concen: 21.159 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 129 Resp: 57823
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1

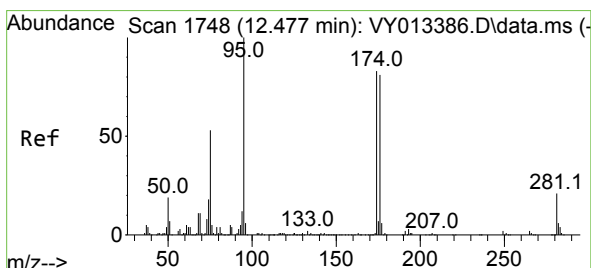
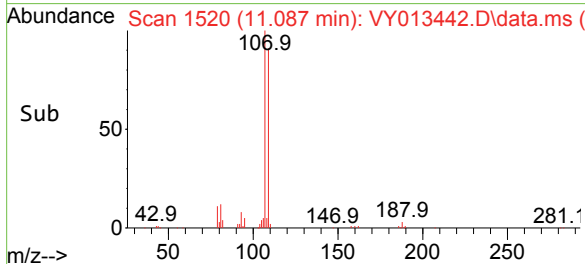
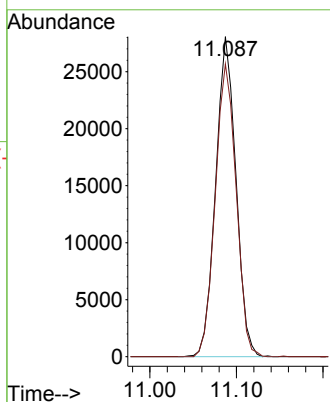
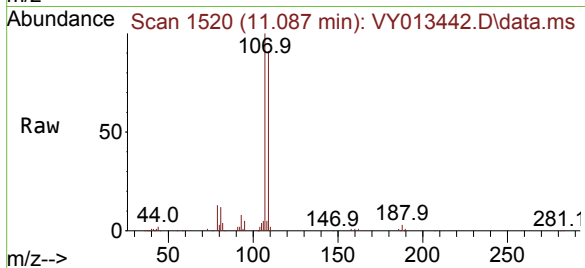




#61
1,2-Dibromoethane
Concen: 20.608 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

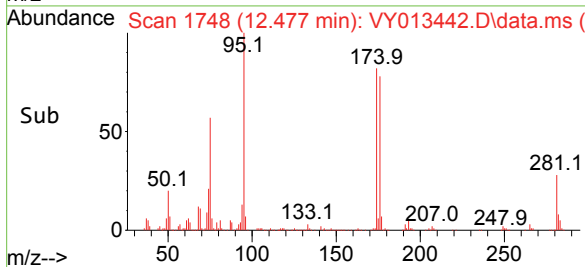
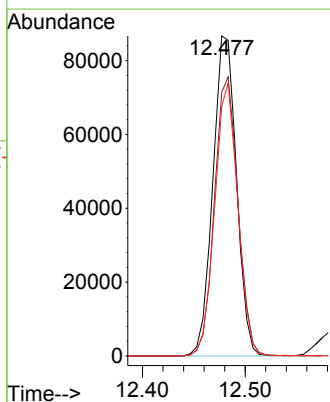
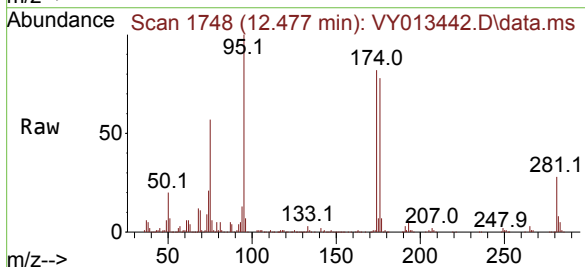
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

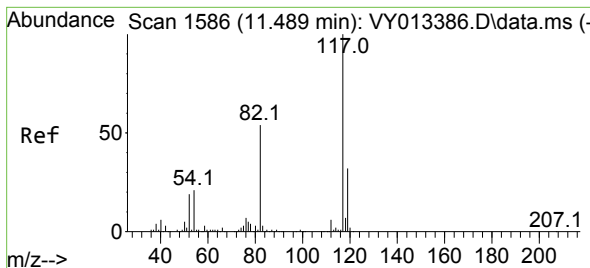
Tgt Ion:107 Resp: 45600
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 95 Resp: 137925
Ion Ratio Lower Upper
95 100
174 86.9 0.0 182.0
176 83.7 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

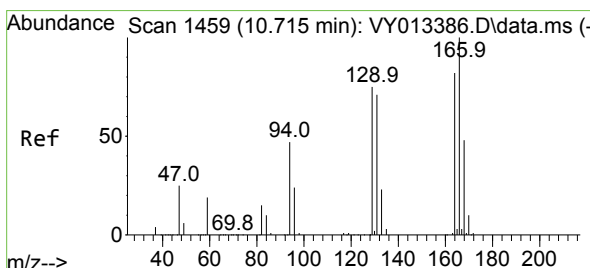
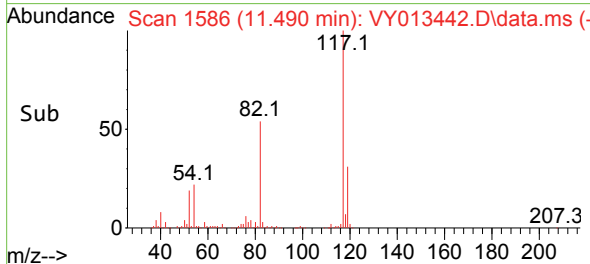
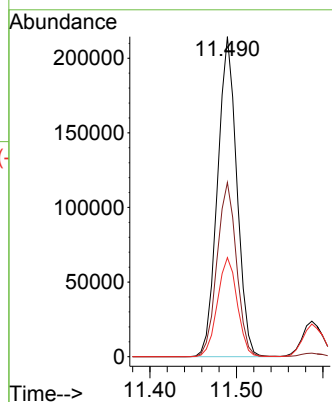
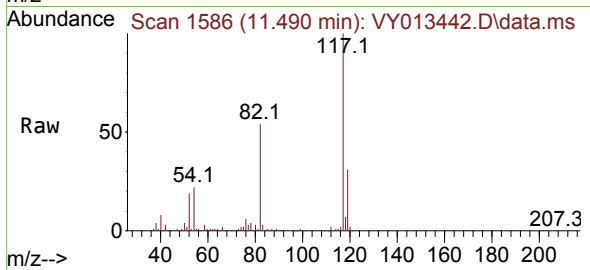
Tgt Ion:117 Resp: 331761

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.6

119 30.9 25.5 38.3



#64

Tetrachloroethene

Concen: 19.255 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Tgt Ion:164 Resp: 48574

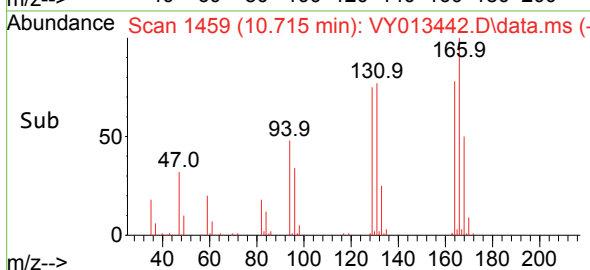
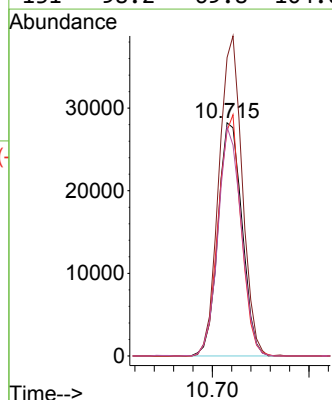
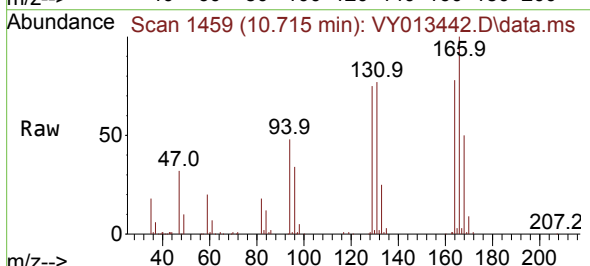
Ion Ratio Lower Upper

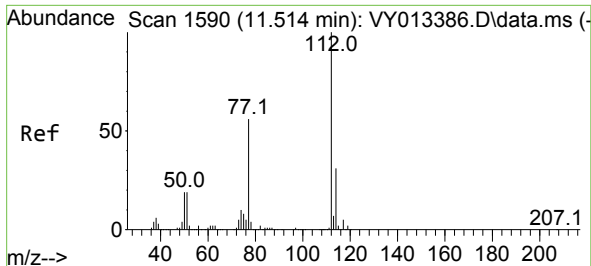
164 100

166 128.0 97.5 146.3

129 96.7 72.6 109.0

131 98.2 69.8 104.6

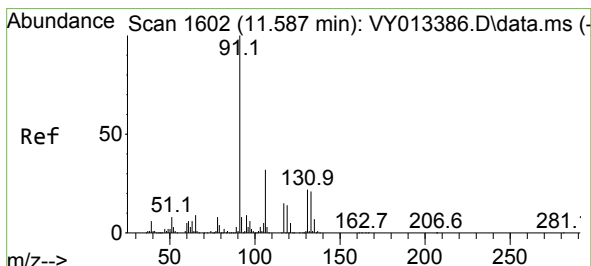
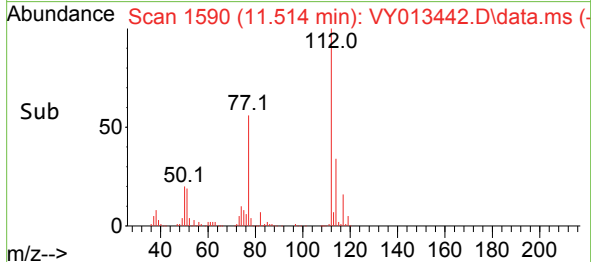
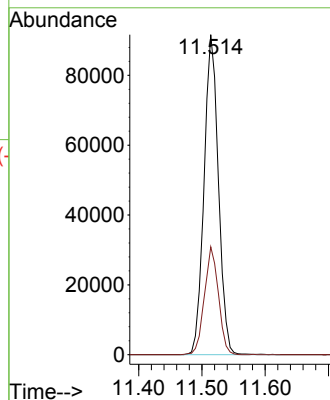
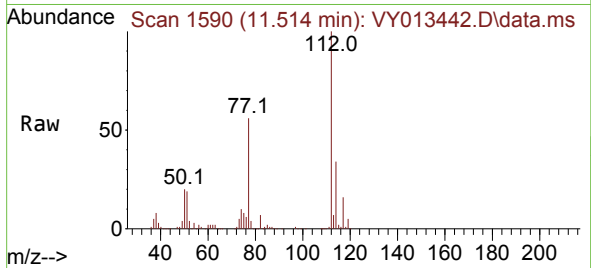




#65
Chlorobenzene
Concen: 20.069 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

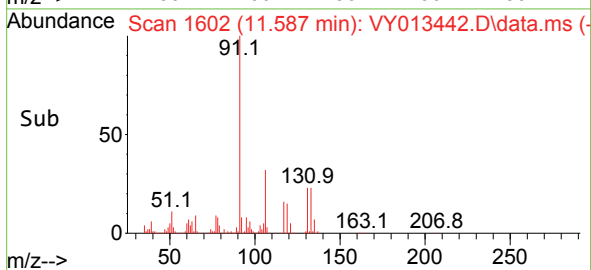
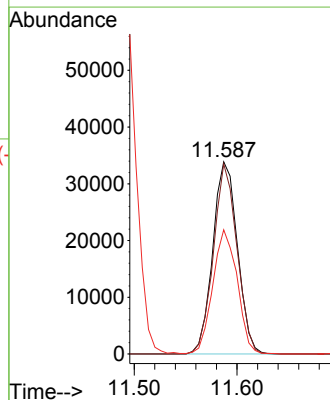
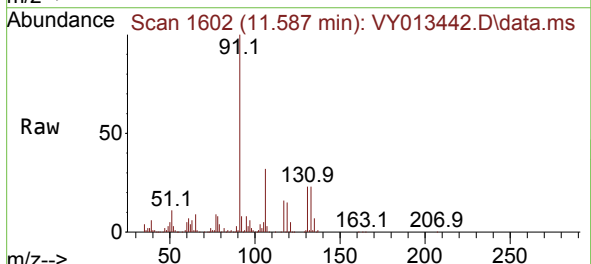
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

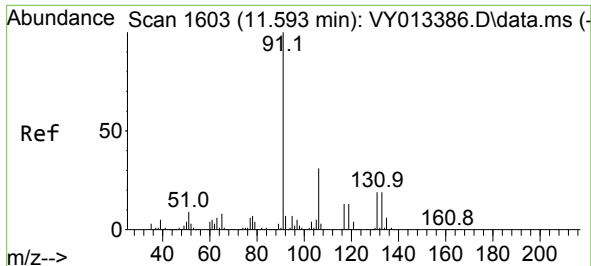
Tgt Ion:112 Resp: 145041
Ion Ratio Lower Upper
112 100
114 33.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.837 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:131 Resp: 56321
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 64.2 32.6 98.0





#67

Ethyl Benzene

Concen: 19.891 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

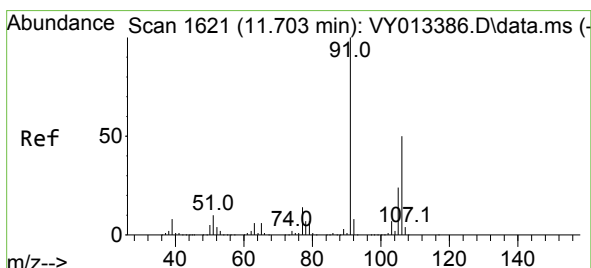
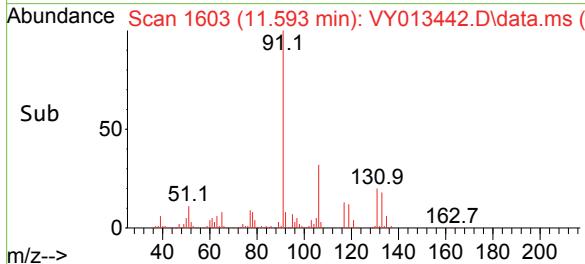
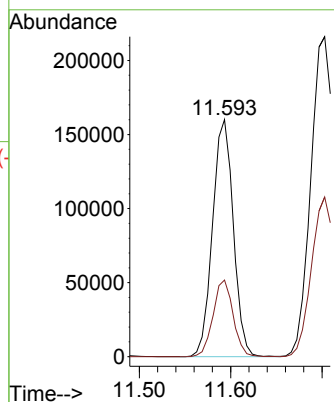
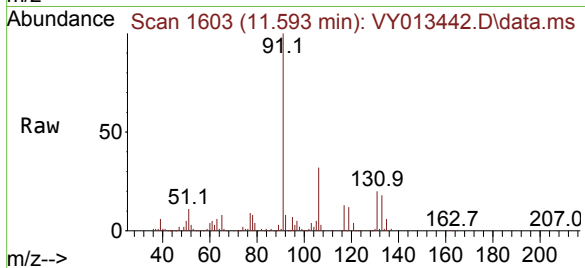
VY0425SBS01

Tgt Ion: 91 Resp: 252427

Ion Ratio Lower Upper

91 100

106 32.3 25.1 37.7



#68

m/p-Xylenes

Concen: 41.050 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013442.D

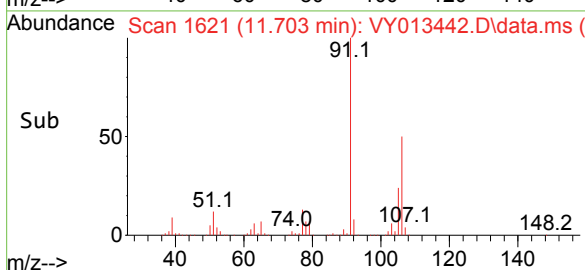
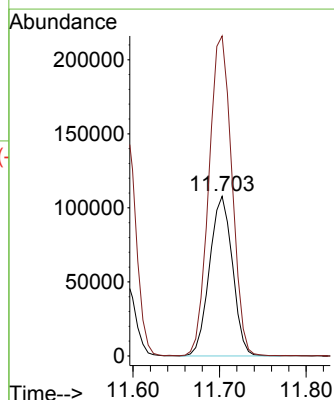
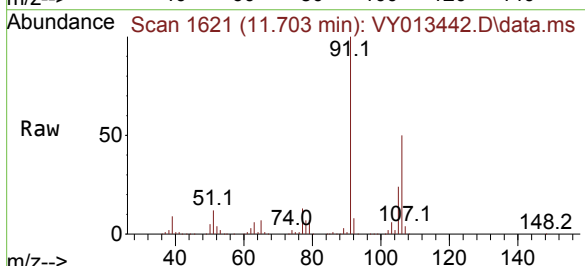
Acq: 25 Apr 2023 13:31

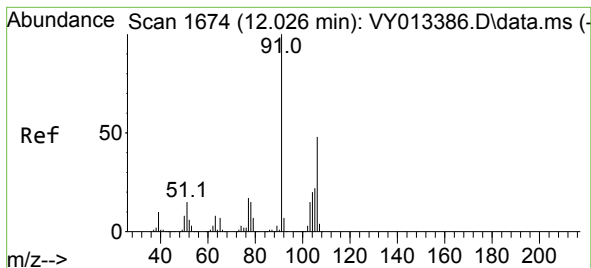
Tgt Ion: 106 Resp: 198043

Ion Ratio Lower Upper

106 100

91 201.3 160.9 241.3





#69

o-Xylene

Concen: 20.299 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

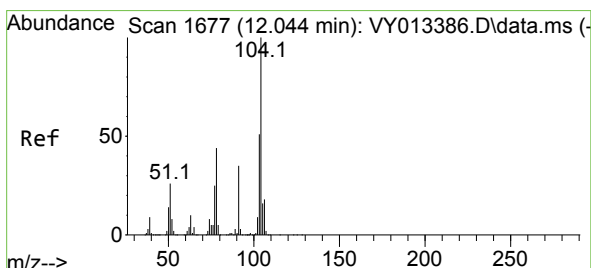
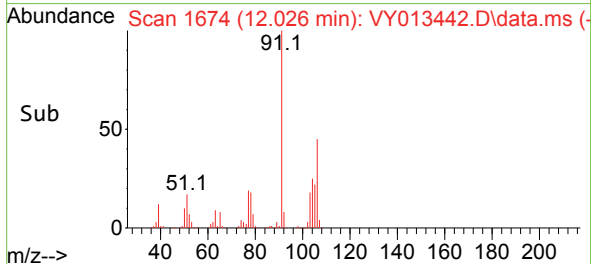
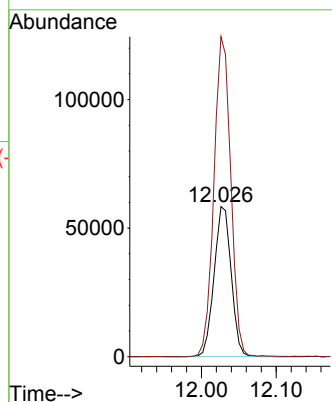
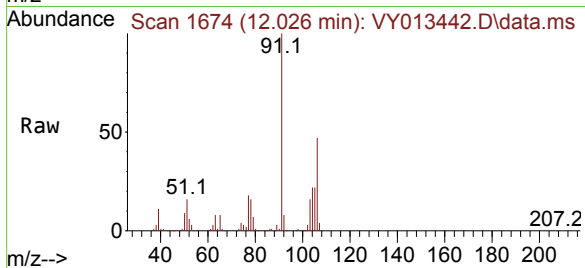
VY0425SBSD01

Tgt Ion:106 Resp: 92619

Ion Ratio Lower Upper

106 100

91 210.7 105.5 316.4



#70

Styrene

Concen: 20.490 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

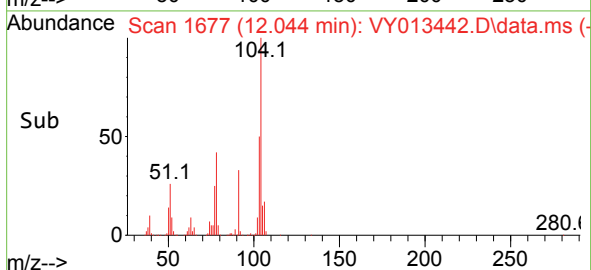
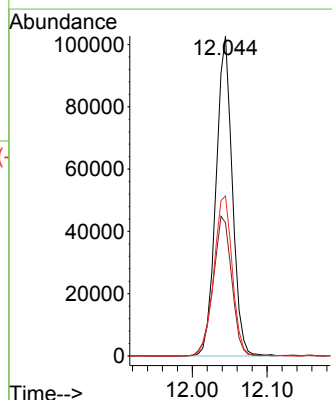
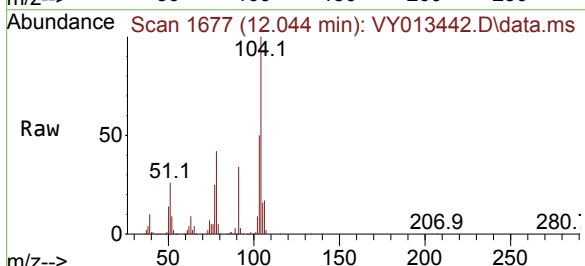
Tgt Ion:104 Resp: 156319

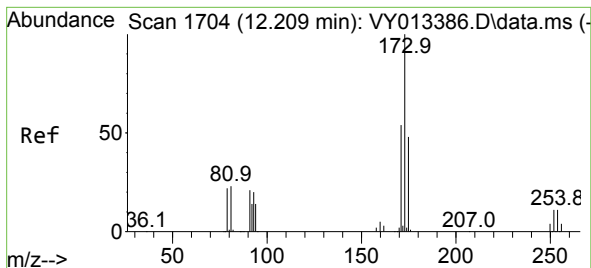
Ion Ratio Lower Upper

104 100

78 49.7 40.3 60.5

103 56.4 45.0 67.4





#71

Bromoform

Concen: 20.120 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

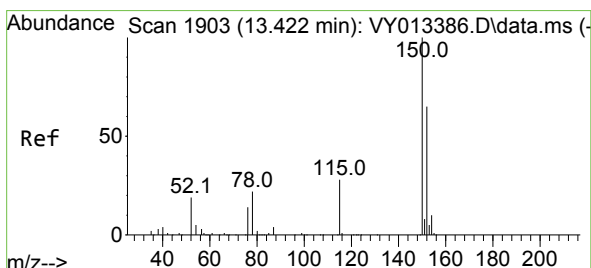
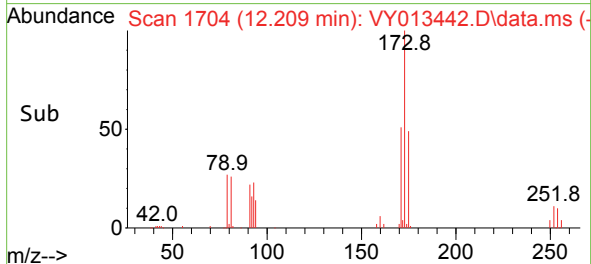
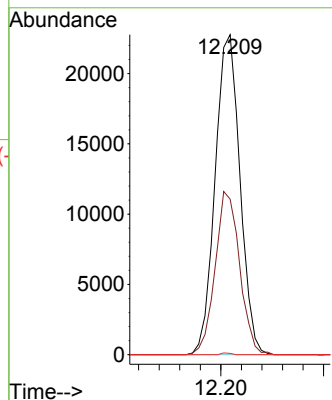
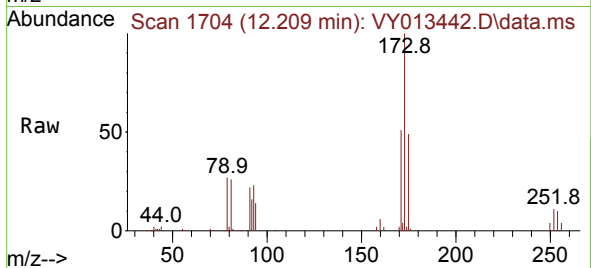
Tgt Ion:173 Resp: 38092

Ion Ratio Lower Upper

173 100

175 50.4 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

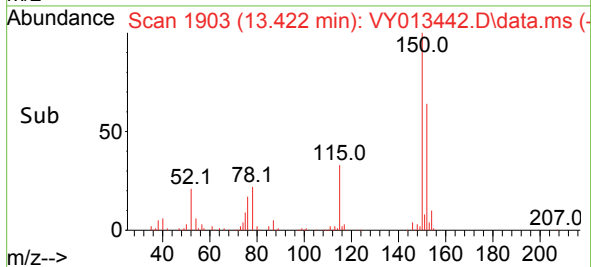
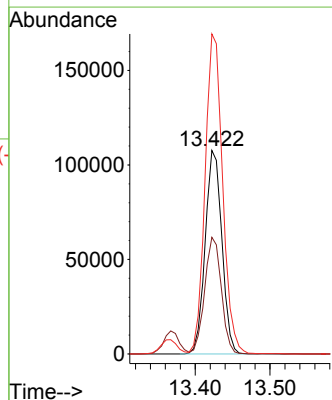
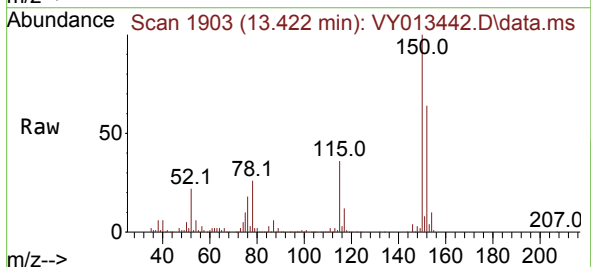
Tgt Ion:152 Resp: 167051

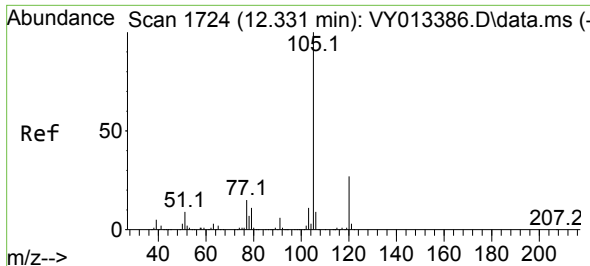
Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.2

150 164.8 0.0 352.0

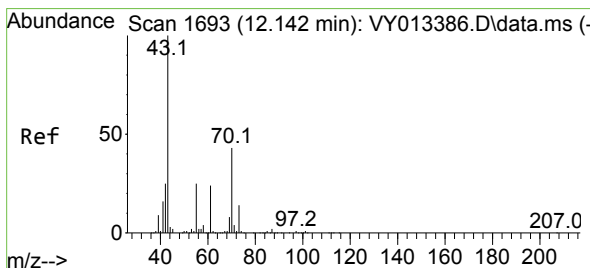
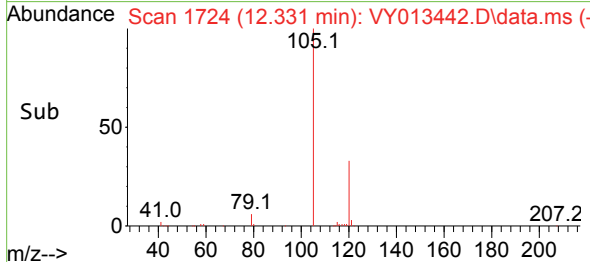
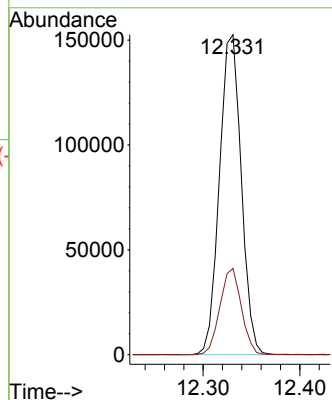
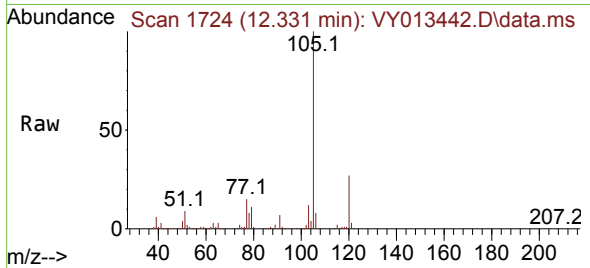




#73
Isopropylbenzene
Concen: 18.886 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

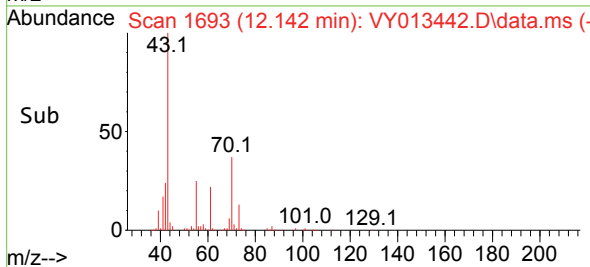
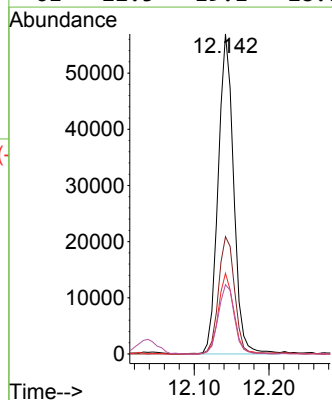
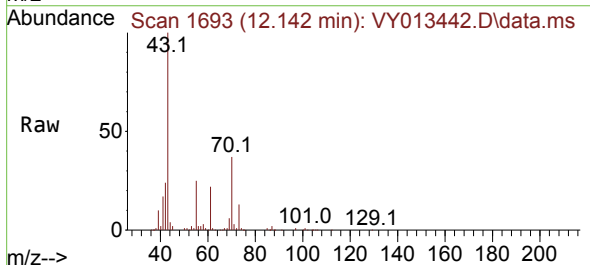
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBSD01

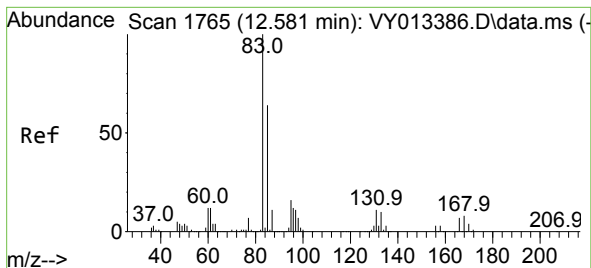
Tgt Ion:105 Resp: 238623
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0



#74
N-ethyl acetate
Concen: 18.304 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 43 Resp: 82300
Ion Ratio Lower Upper
43 100
70 38.0 33.0 49.4
55 24.9 19.8 29.6
61 22.5 19.1 28.7

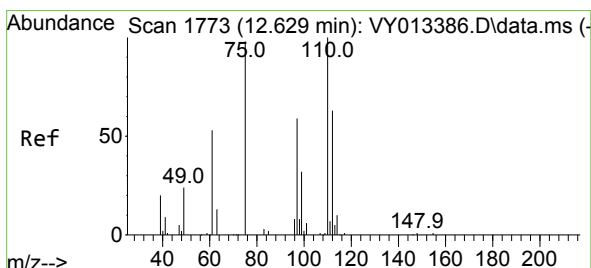
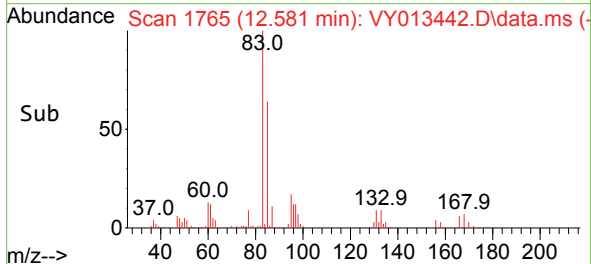
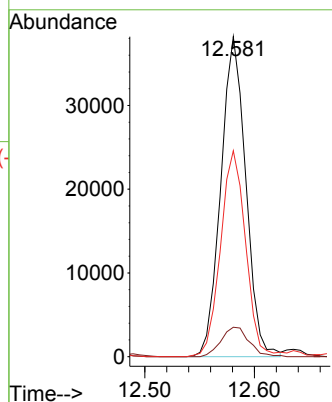
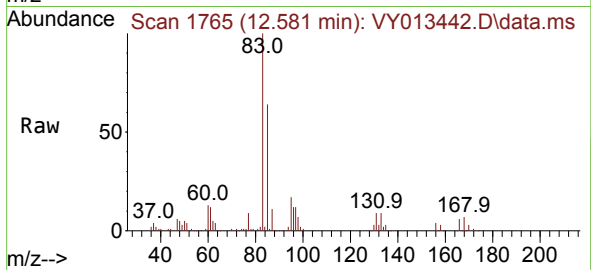




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.574 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

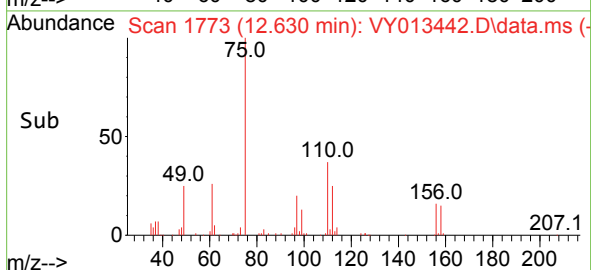
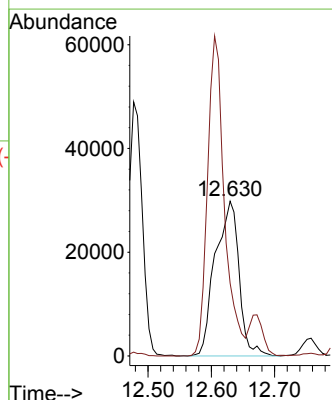
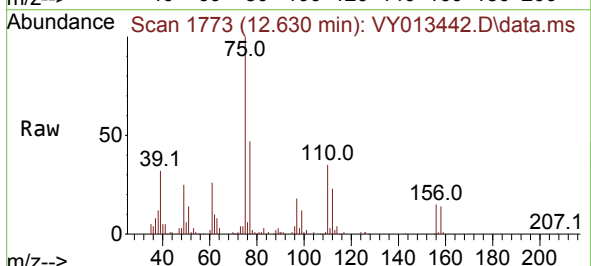
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBSD01

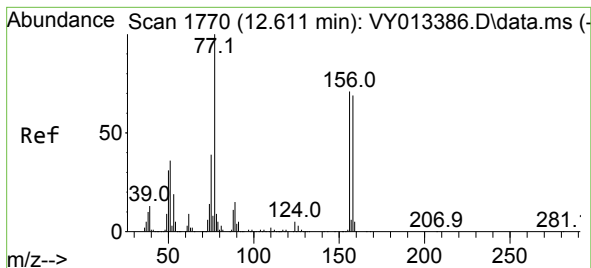
Tgt Ion: 83 Resp: 60452
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.7 17.0
 85 64.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 34.623 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013442.D
 Acq: 25 Apr 2023 13:31

Tgt Ion: 75 Resp: 78002
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.029 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

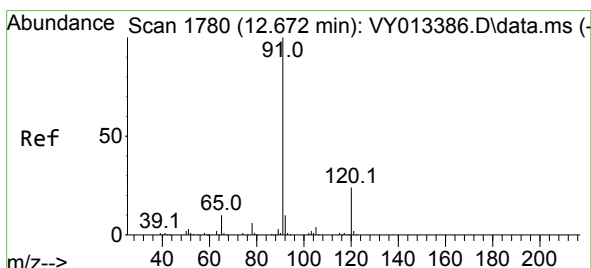
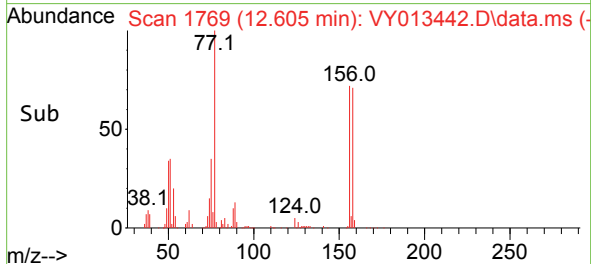
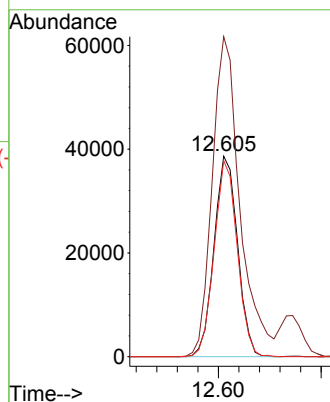
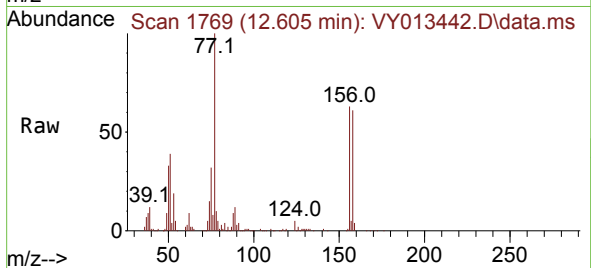
Tgt Ion:156 Resp: 61319

Ion Ratio Lower Upper

156 100

77 188.1 87.6 262.9

158 96.0 48.5 145.5



#78

n-propylbenzene

Concen: 19.211 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013442.D

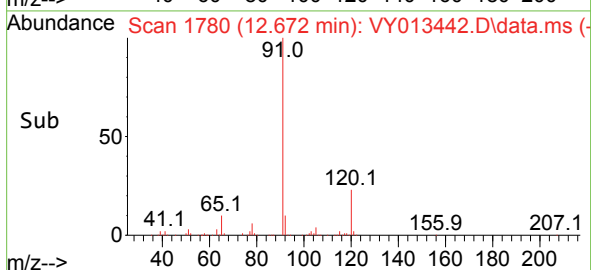
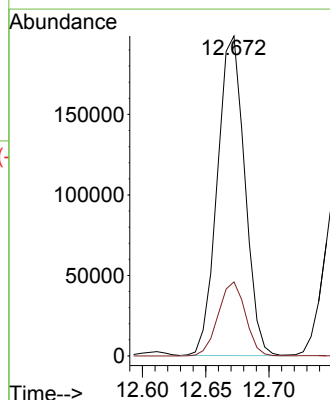
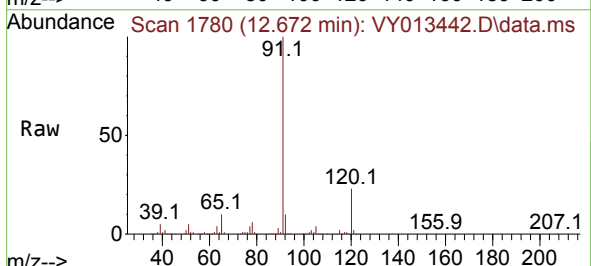
Acq: 25 Apr 2023 13:31

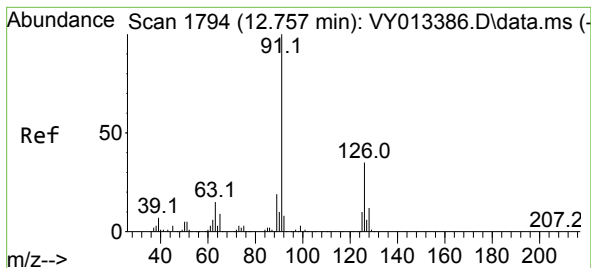
Tgt Ion: 91 Resp: 298983

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.9

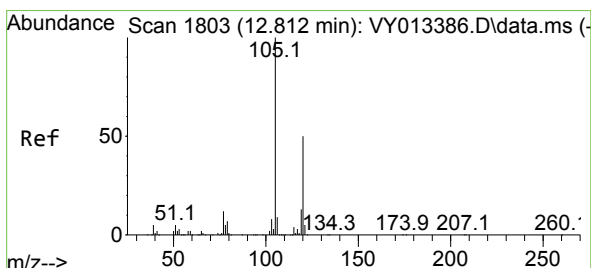
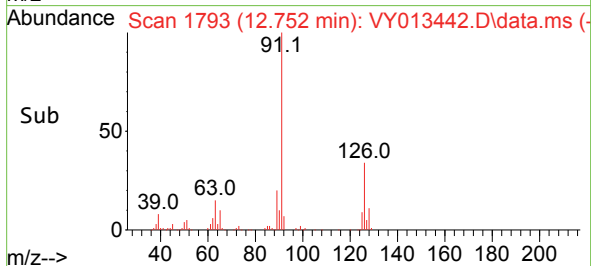
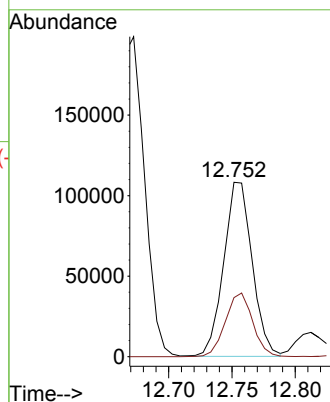
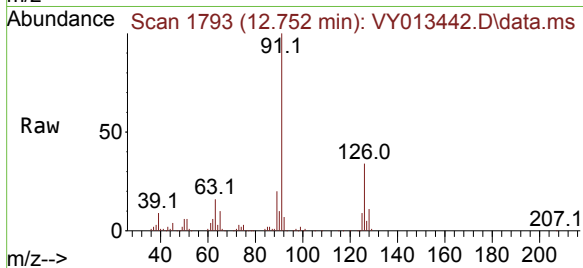




#79
2-Chlorotoluene
Concen: 19.522 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

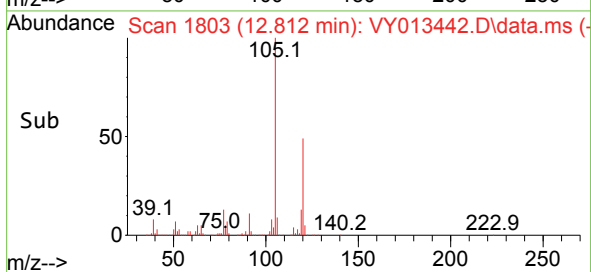
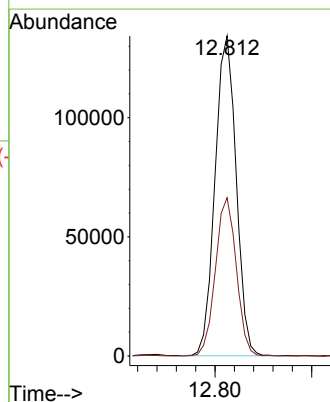
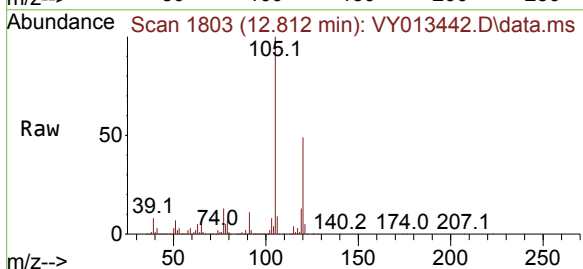
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

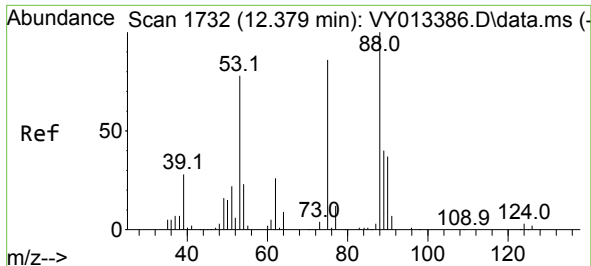
Tgt Ion: 91 Resp: 169660
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 19.737 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion: 105 Resp: 203542
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1

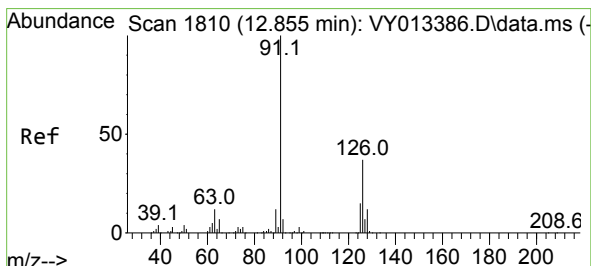
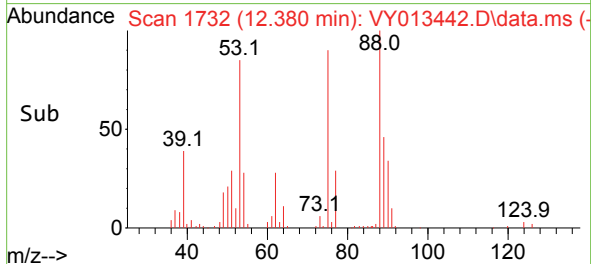
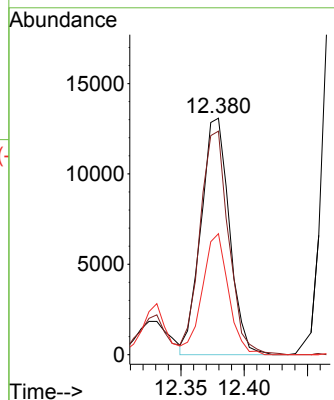
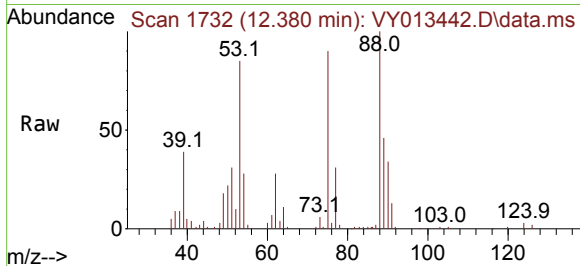




#81
trans-1,4-Dichloro-2-butene
Concen: 18.580 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

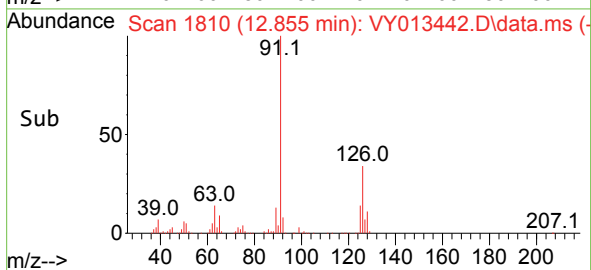
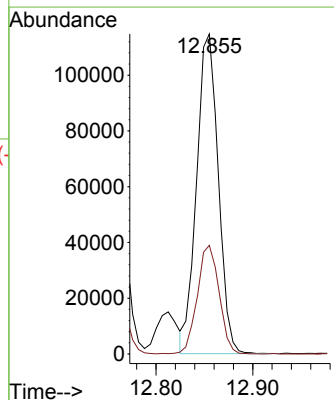
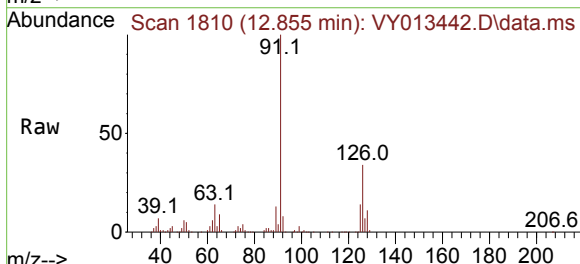
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

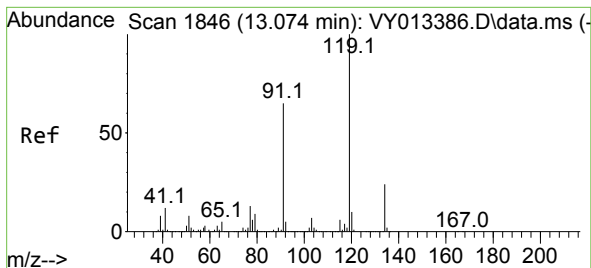
Tgt Ion:	75	Resp:	20463
Ion	Ratio	Lower	Upper
75	100		
53	95.1	73.2	109.8
89	47.0	38.0	57.0



#82
4-Chlorotoluene
Concen: 19.723 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:	91	Resp:	178654
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.9	53.8





#83

tert-Butylbenzene

Concen: 19.220 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

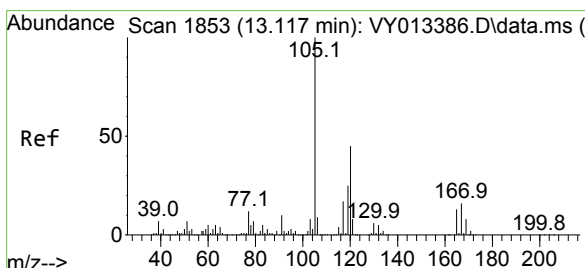
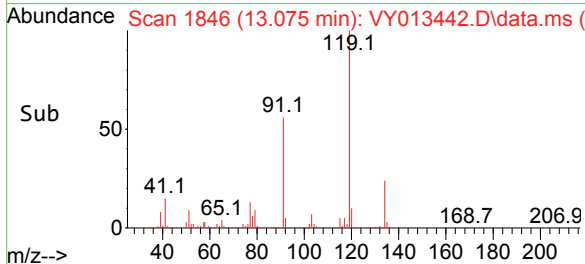
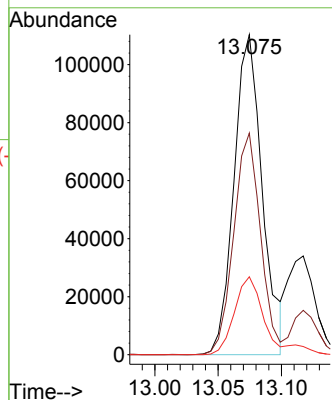
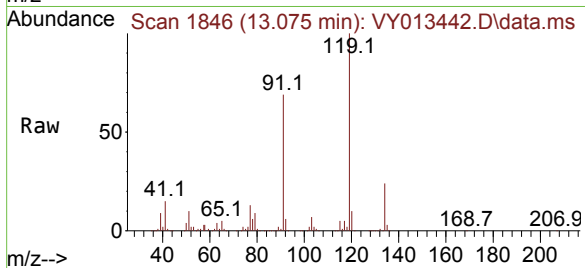
Tgt Ion:119 Resp: 171720

Ion Ratio Lower Upper

119 100

91 65.9 32.2 96.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.249 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013442.D

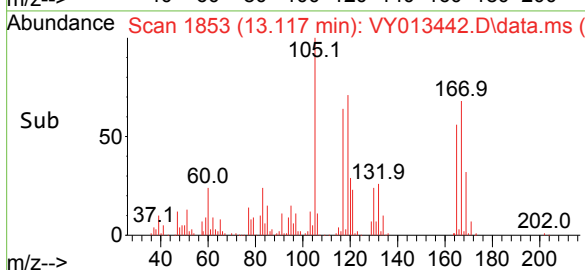
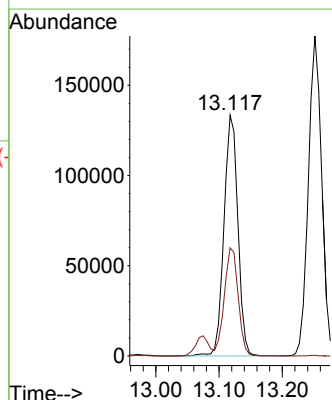
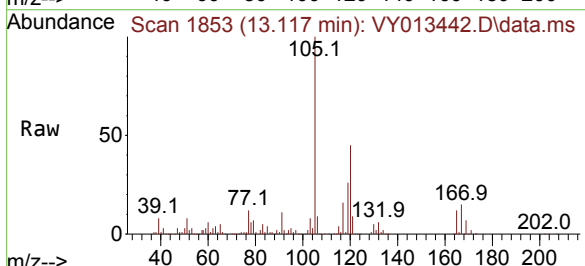
Acq: 25 Apr 2023 13:31

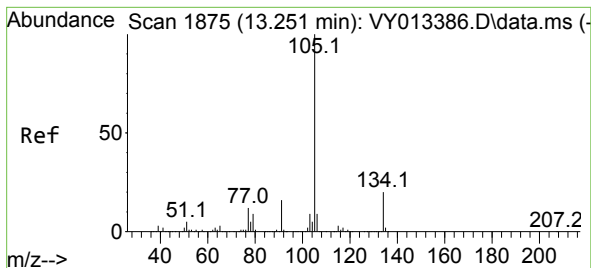
Tgt Ion:105 Resp: 203028

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.284 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

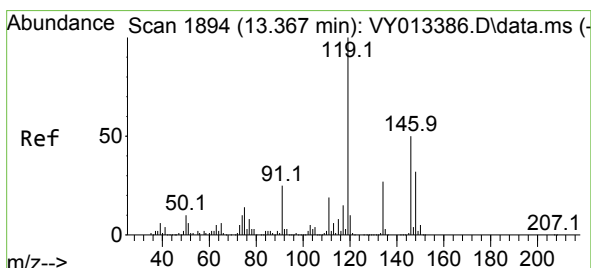
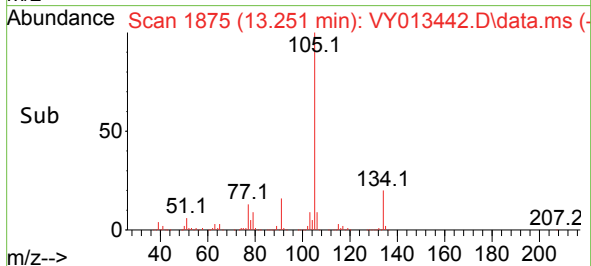
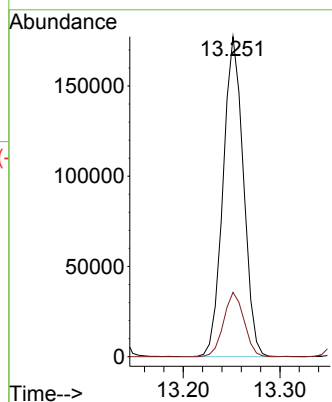
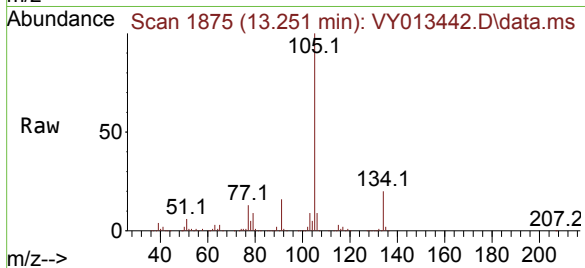
VY0425SBSD01

Tgt Ion:105 Resp: 258580

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.979 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

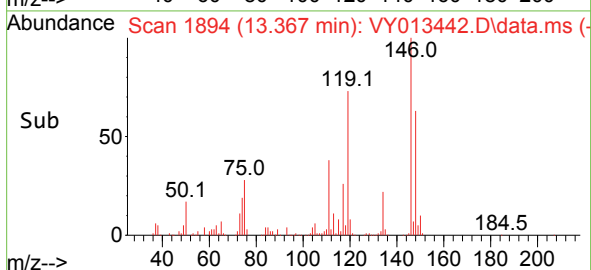
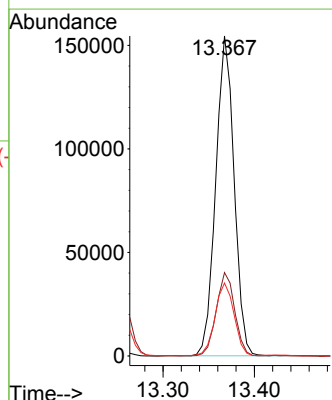
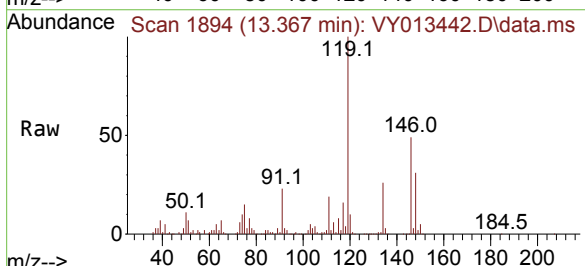
Tgt Ion:119 Resp: 215441

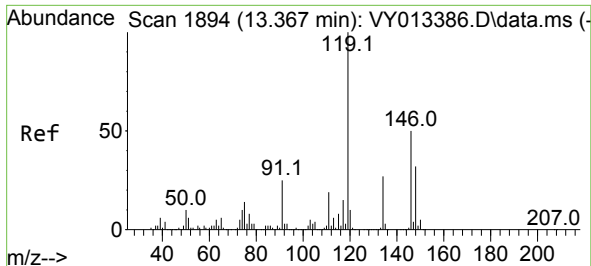
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.5 12.1 36.3

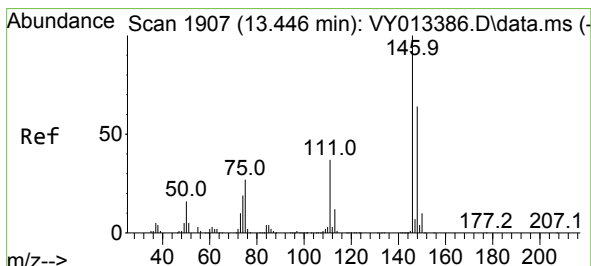
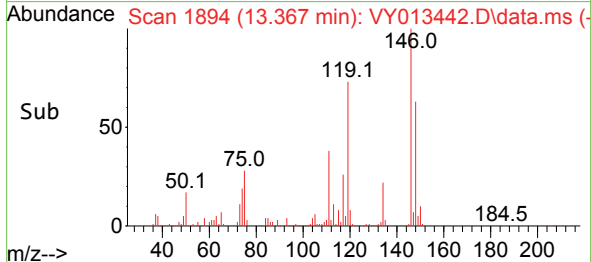
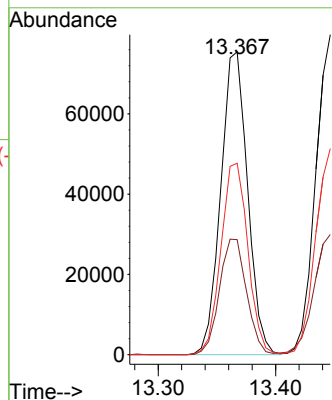
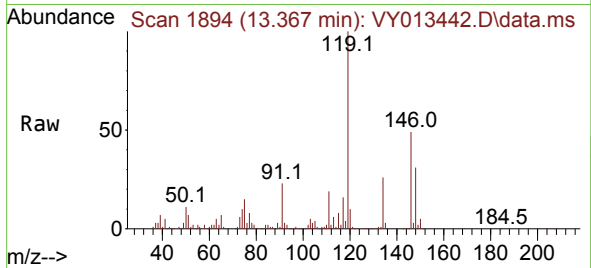




#87
1,3-Dichlorobenzene
Concen: 20.544 ug/l
RT: 13.367 min Scan# 119831
Delta R.T. 0.000 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

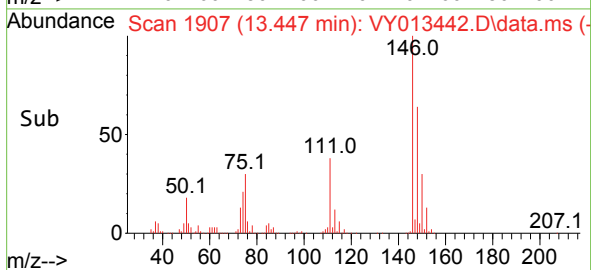
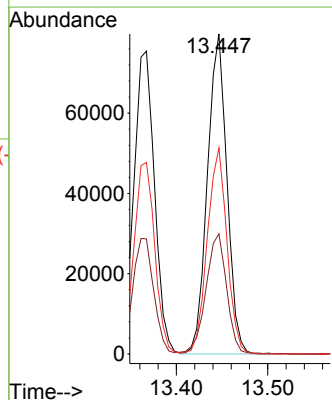
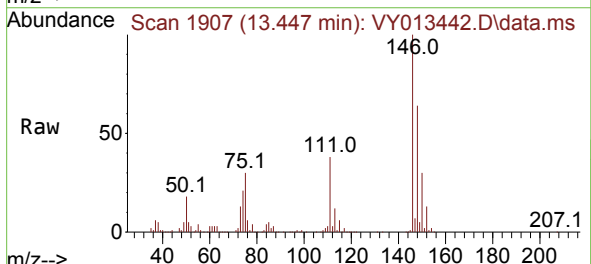
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

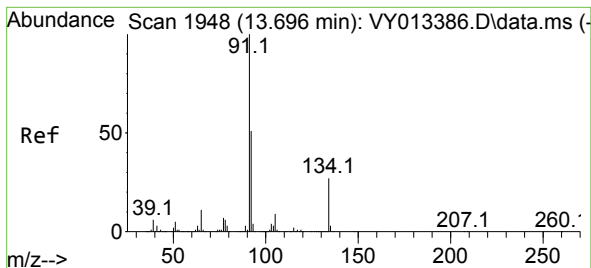
Tgt Ion:146 Resp: 119831
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.034 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013442.D
Acq: 25 Apr 2023 13:31

Tgt Ion:146 Resp: 118040
Ion Ratio Lower Upper
146 100
111 40.0 18.9 56.5
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 18.989 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBSD01

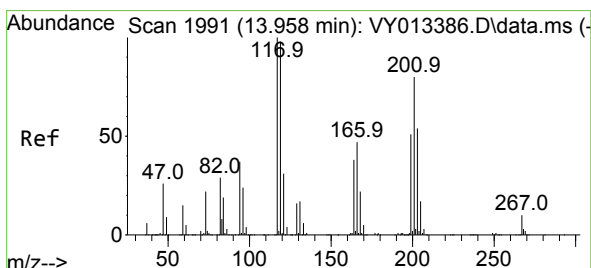
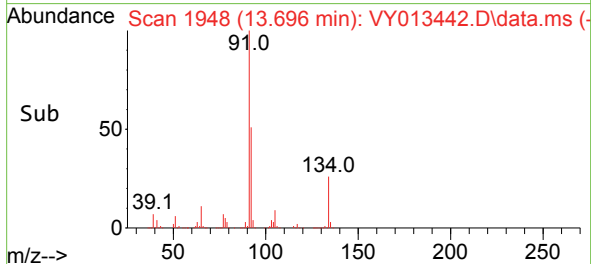
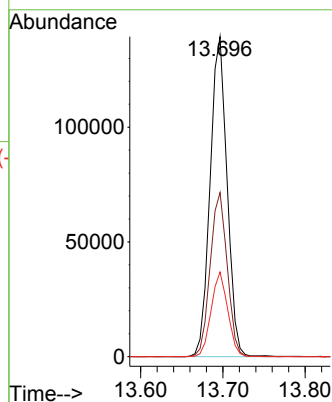
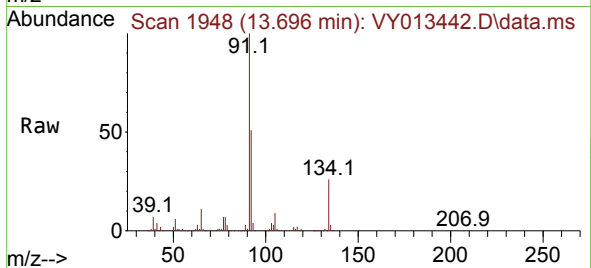
Tgt Ion: 91 Resp: 199849

Ion Ratio Lower Upper

91 100

92 51.6 25.8 77.3

134 25.9 13.5 40.4



#90

Hexachloroethane

Concen: 19.575 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013442.D

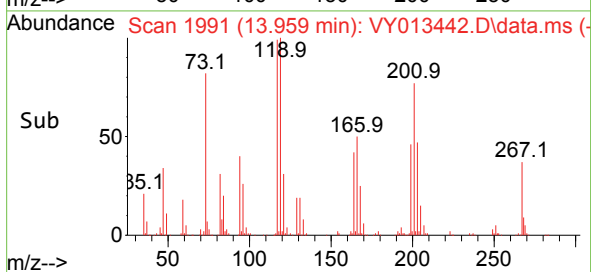
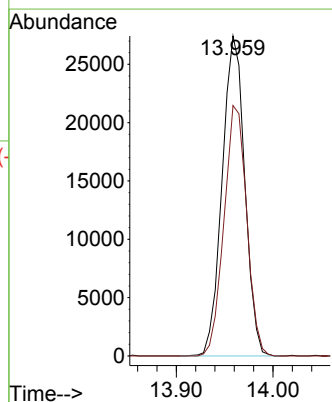
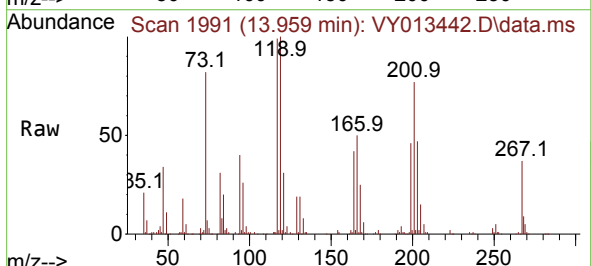
Acq: 25 Apr 2023 13:31

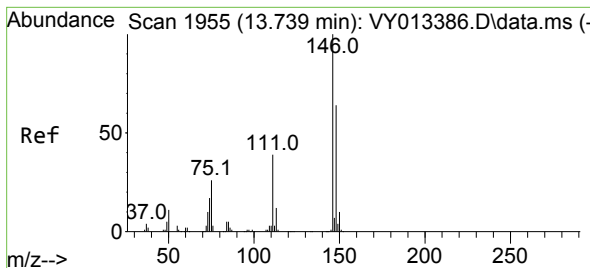
Tgt Ion: 117 Resp: 44426

Ion Ratio Lower Upper

117 100

201 78.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.305 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

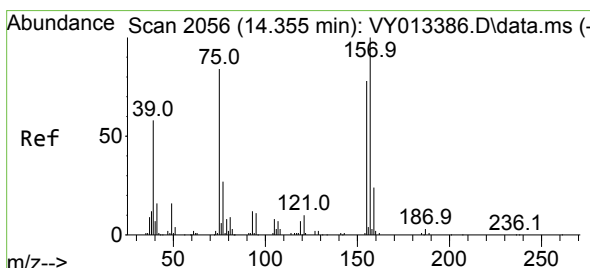
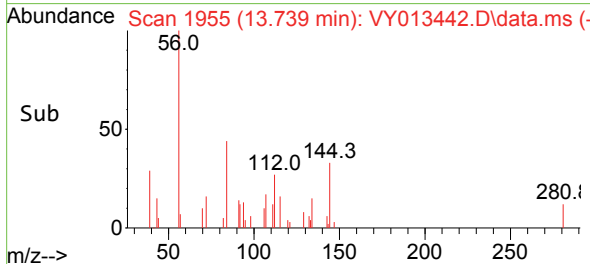
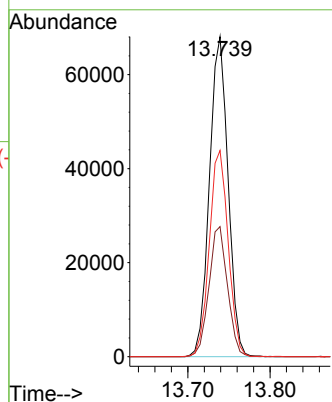
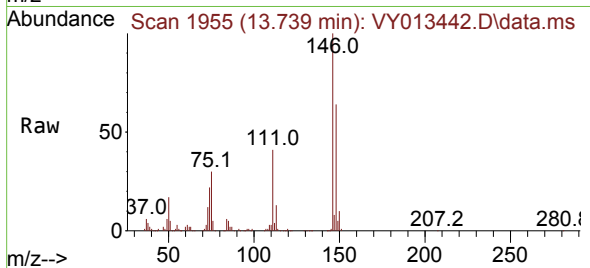
Tgt Ion:146 Resp: 106952

Ion Ratio Lower Upper

146 100

111 40.7 19.8 59.4

148 65.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.788 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

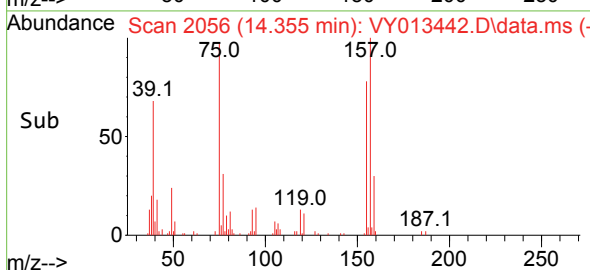
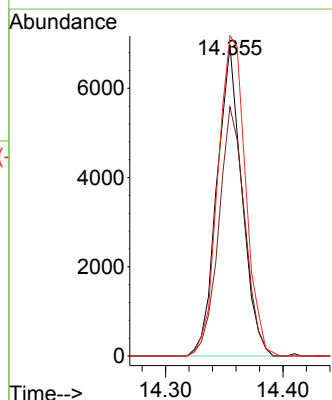
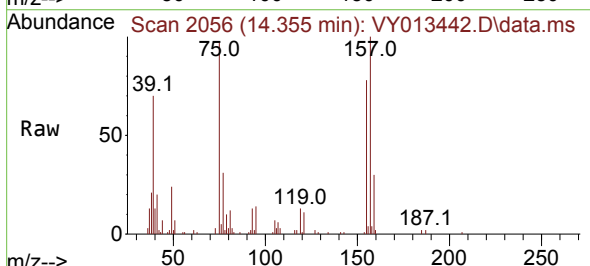
Tgt Ion: 75 Resp: 10248

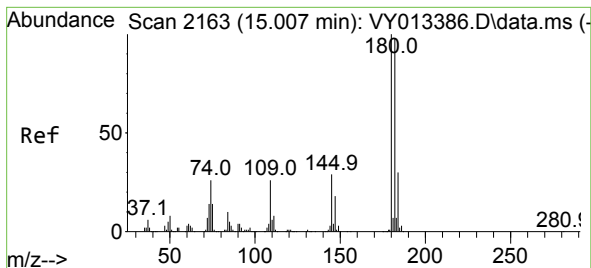
Ion Ratio Lower Upper

75 100

155 83.4 44.6 134.0

157 114.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 20.464 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBSD01

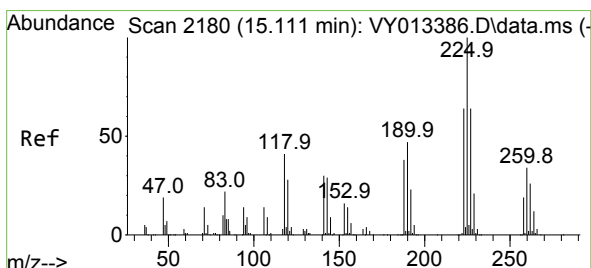
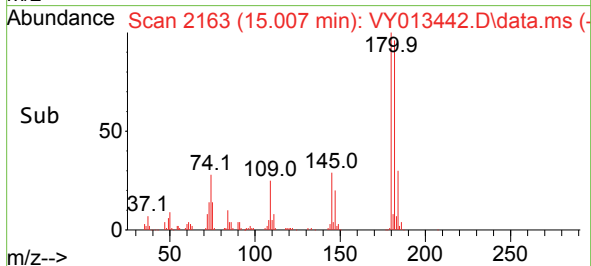
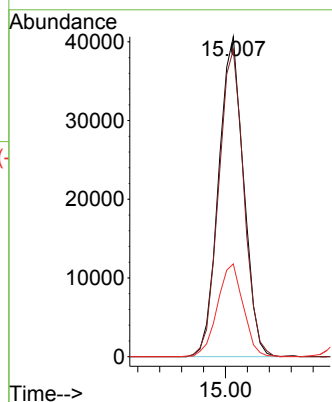
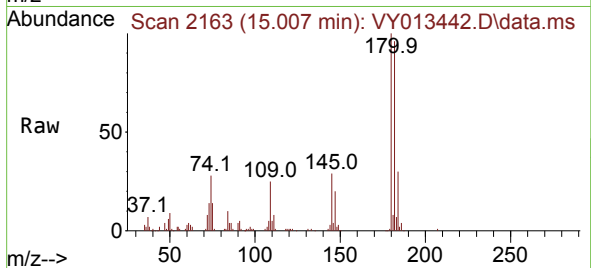
Tgt Ion:180 Resp: 64262

Ion Ratio Lower Upper

180 100

182 96.9 48.5 145.5

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.937 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

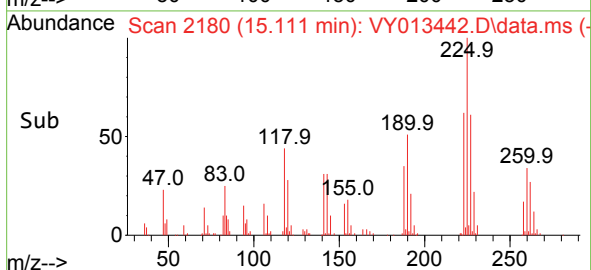
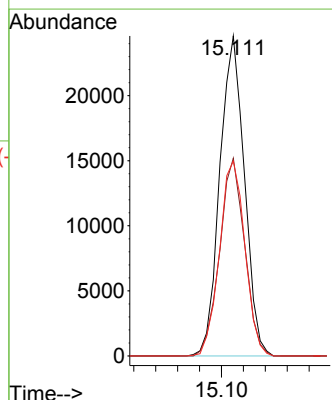
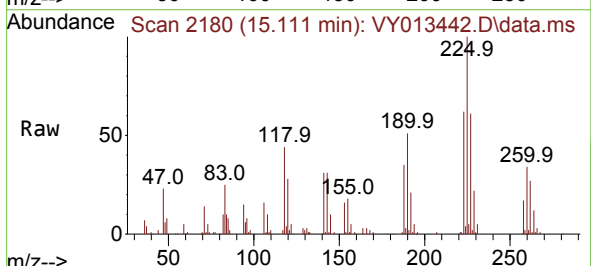
Tgt Ion:225 Resp: 38264

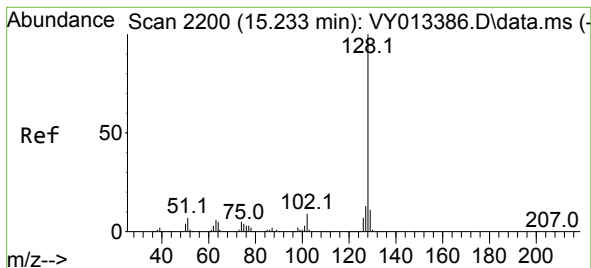
Ion Ratio Lower Upper

225 100

223 62.7 31.4 94.2

227 63.0 32.0 96.0





#95

Naphthalene

Concen: 20.049 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBSD01

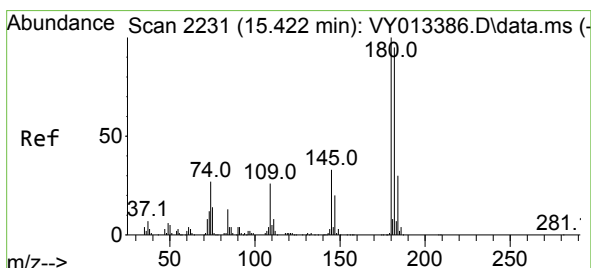
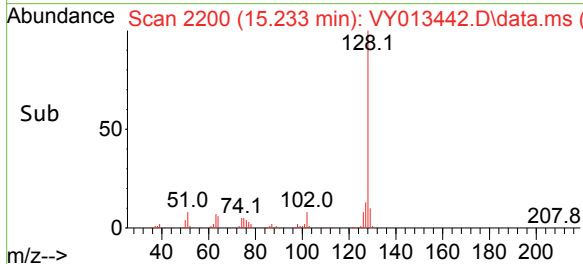
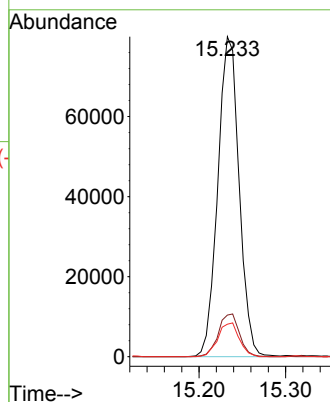
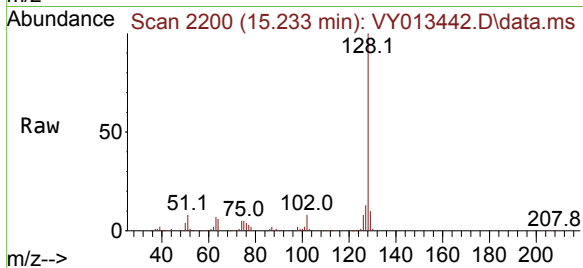
Tgt Ion:128 Resp: 136604

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.188 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013442.D

Acq: 25 Apr 2023 13:31

Tgt Ion:180 Resp: 59304

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 31.8 15.9 47.7

