

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013464.D
 Acq On : 26 Apr 2023 11:34
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Quant Time: Apr 27 01:29:16 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	217384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156937	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121290	50.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.800%	
35) Dibromofluoromethane	7.716	113	111644	52.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.640%	
50) Toluene-d8	10.179	98	383559	50.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.477	95	131707	51.466	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44501	21.533	ug/l	96
3) Chloromethane	2.113	50	52805	19.062	ug/l	97
4) Vinyl Chloride	2.247	62	49765	18.042	ug/l	96
5) Bromomethane	2.650	94	44224	20.120	ug/l	97
6) Chloroethane	2.790	64	34412	18.059	ug/l	98
7) Trichlorofluoromethane	3.125	101	82131	19.656	ug/l	99
8) Diethyl Ether	3.528	74	30183	21.212	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.900	101	47723	20.362	ug/l	95
10) Methyl Iodide	4.088	142	57156	19.416	ug/l	99
11) Tert butyl alcohol	4.972	59	24407	91.346	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	46076	20.394	ug/l	95
13) Acrolein	3.729	56	25704	118.803	ug/l	93
14) Allyl chloride	4.473	41	81250	19.382	ug/l	98
15) Acrylonitrile	5.161	53	82968	104.116	ug/l	99
16) Acetone	3.948	43	89714	95.598	ug/l	93
17) Carbon Disulfide	4.192	76	149501	20.371	ug/l	98
18) Methyl Acetate	4.479	43	61940	19.984	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	131207	20.116	ug/l	97
20) Methylene Chloride	4.710	84	72469	19.757	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	52125	21.102	ug/l	99
22) Diisopropyl ether	6.119	45	166653	20.339	ug/l	96
23) Vinyl Acetate	6.058	43	515021	111.015	ug/l	96
24) 1,1-Dichloroethane	6.015	63	94410	20.674	ug/l	98
25) 2-Butanone	6.984	43	118822	99.837	ug/l	93
26) 2,2-Dichloropropane	6.978	77	78653	19.988	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	57593	21.102	ug/l	97
28) Bromochloromethane	7.326	49	34464	21.267	ug/l	85
29) Tetrahydrofuran	7.350	42	76660	103.476	ug/l	93
30) Chloroform	7.503	83	98996	21.804	ug/l	99
31) Cyclohexane	7.783	56	79827	18.710	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	83522	20.615	ug/l	98
36) 1,1-Dichloropropene	7.917	75	70628	19.943	ug/l	99
37) Ethyl Acetate	7.076	43	52434	19.675	ug/l	96
38) Carbon Tetrachloride	7.899	117	76601	20.637	ug/l	92
39) Methylcyclohexane	9.185	83	78354	18.767	ug/l	97
40) Benzene	8.161	78	212536	21.305	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	72570	58.435	ug/l #	45
42) 1,2-Dichloroethane	8.234	62	71230	21.840	ug/l	99
43) Isopropyl Acetate	8.271	43	88703	19.719	ug/l	99
44) Trichloroethene	8.935	130	56211	21.183	ug/l	99
45) 1,2-Dichloropropane	9.216	63	55535	21.291	ug/l	97
46) Dibromomethane	9.301	93	33769	21.638	ug/l	96
47) Bromodichloromethane	9.496	83	76539	21.917	ug/l #	97
48) Methyl methacrylate	9.289	41	43112	20.868	ug/l	92
49) 1,4-Dioxane	9.313	88	9439	423.473	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	257503	102.727	ug/l	97
52) Toluene	10.240	92	129259	21.532	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	76037	20.573	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	86309	20.754	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	45341	21.938	ug/l	95
56) Ethyl methacrylate	10.508	69	59806	20.858	ug/l	91
57) 1,3-Dichloropropane	10.789	76	76223	21.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	123592	114.947	ug/l	95
59) 2-Hexanone	10.831	43	187247	102.761	ug/l	96
60) Dibromochloromethane	10.984	129	54573	21.746	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43297	21.308	ug/l	99
64) Tetrachloroethene	10.721	164	47574	20.273	ug/l	97
65) Chlorobenzene	11.514	112	138938	20.667	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	52224	20.771	ug/l	97
67) Ethyl Benzene	11.593	91	238650	20.216	ug/l	99
68) m/p-Xylenes	11.703	106	186997	41.668	ug/l	99
69) o-Xylene	12.026	106	88193	20.779	ug/l	99
70) Styrene	12.044	104	152242	21.453	ug/l	99
71) Bromoform	12.203	173	36848	20.923	ug/l #	100
73) Isopropylbenzene	12.331	105	223598	18.837	ug/l	99
74) N-amyl acetate	12.142	43	77198	18.276	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	58469	20.152	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	73661	34.803	ug/l #	100
77) Bromobenzene	12.605	156	57679	20.054	ug/l	91
78) n-propylbenzene	12.672	91	284025	19.426	ug/l	98
79) 2-Chlorotoluene	12.758	91	162618	19.917	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	193910	20.015	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	19452	18.800	ug/l	95
82) 4-Chlorotoluene	12.855	91	171573	20.162	ug/l	98
83) tert-Butylbenzene	13.075	119	162550	19.366	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	191365	20.316	ug/l	100
85) sec-Butylbenzene	13.251	105	242074	19.216	ug/l	99
86) p-Isopropyltoluene	13.367	119	196528	19.400	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	113769	20.762	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	116105	20.975	ug/l	98
89) n-Butylbenzene	13.697	91	185798	18.791	ug/l	98
90) Hexachloroethane	13.959	117	41394	19.415	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	102939	20.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10487	20.466	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	60775	20.600	ug/l	100
94) Hexachlorobutadiene	15.111	225	33856	19.719	ug/l	100
95) Naphthalene	15.233	128	126960	19.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56162	21.359	ug/l	99

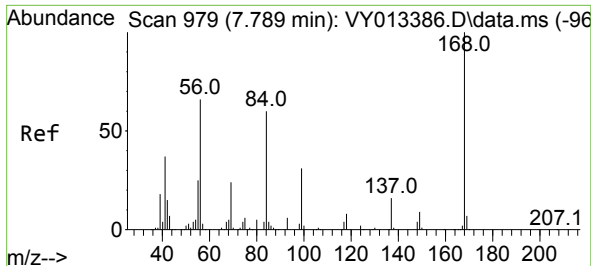
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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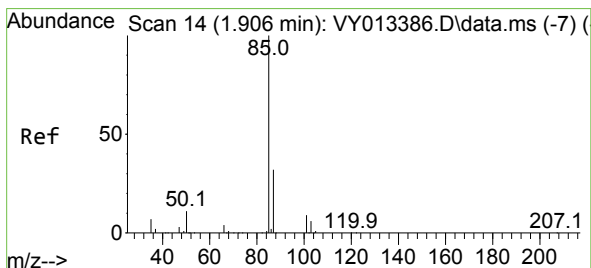
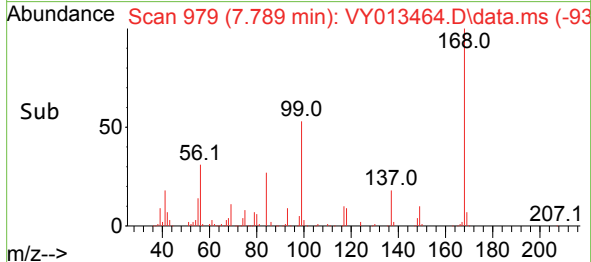
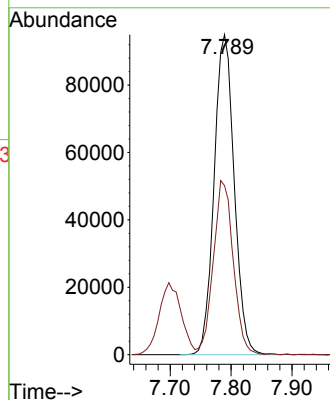
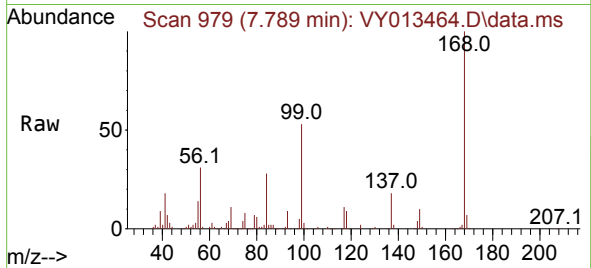
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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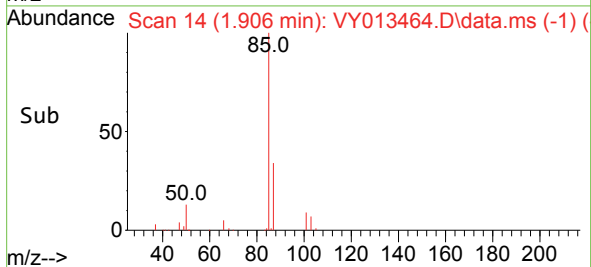
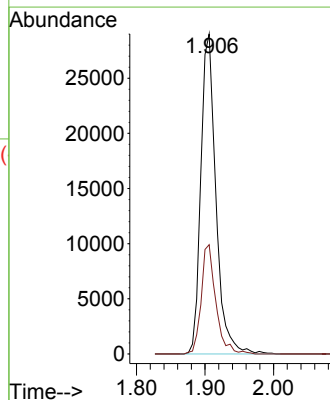
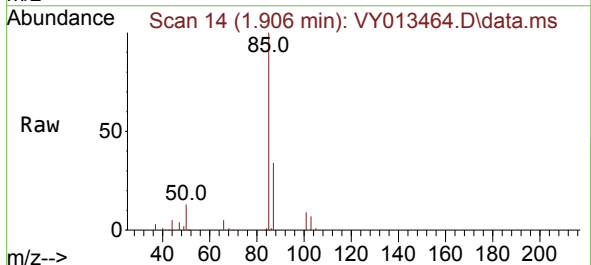
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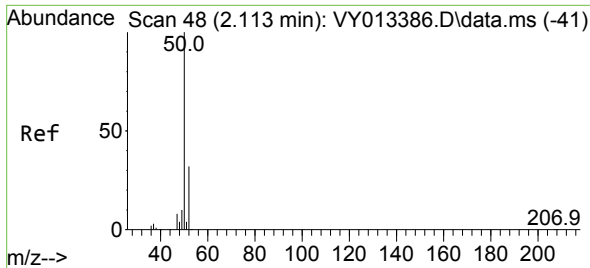
Tgt Ion:168 Resp: 217384
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 21.533 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 85 Resp: 44501
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

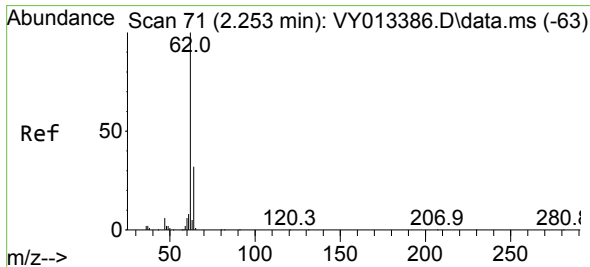
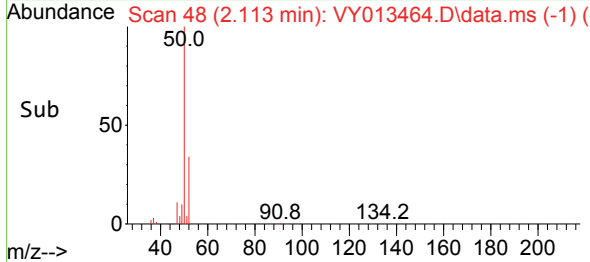
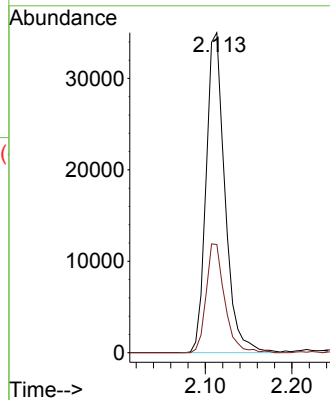
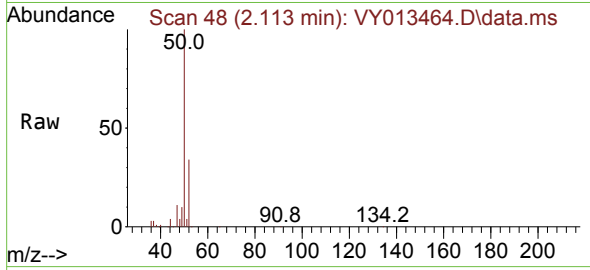




#3
Chloromethane
Concen: 19.062 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

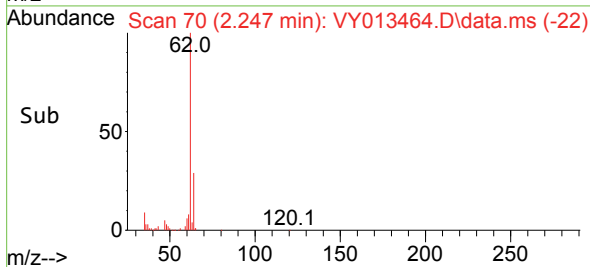
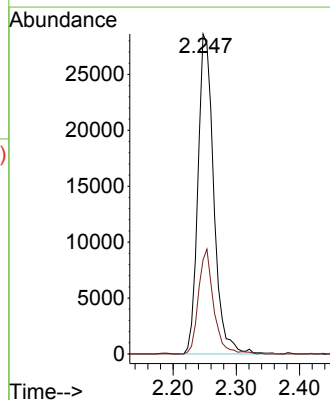
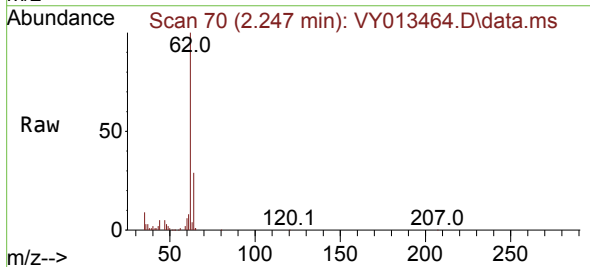
Instrument :
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ClientSampleId :
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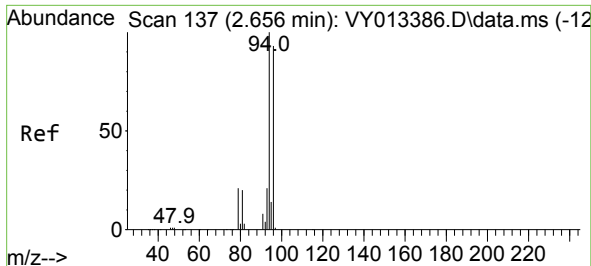
Tgt Ion: 50 Resp: 52805
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 18.042 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 62 Resp: 49765
Ion Ratio Lower Upper
62 100
64 29.4 25.4 38.0

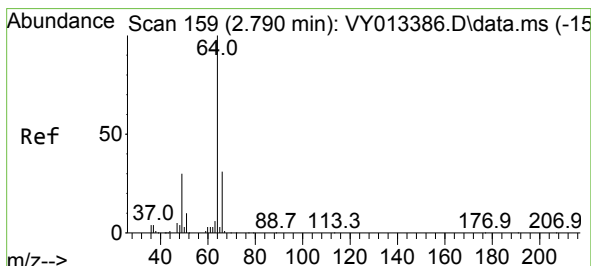
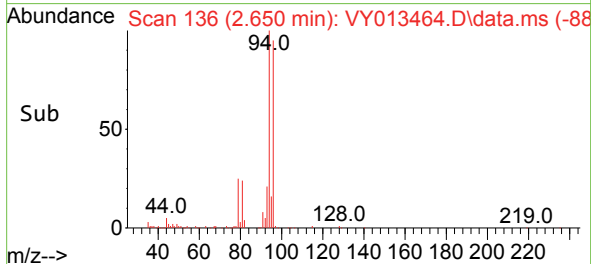
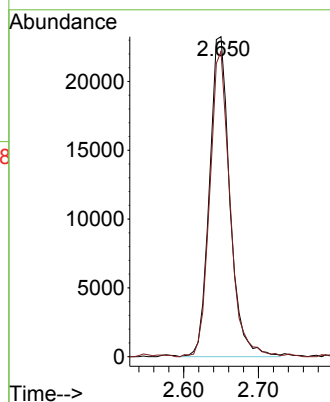
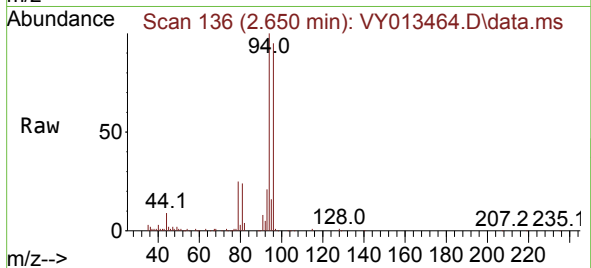




#5
Bromomethane
Concen: 20.120 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

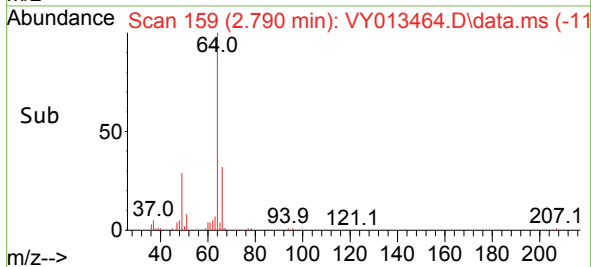
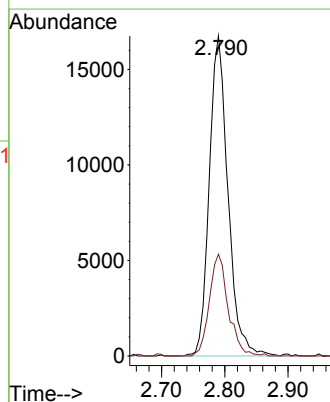
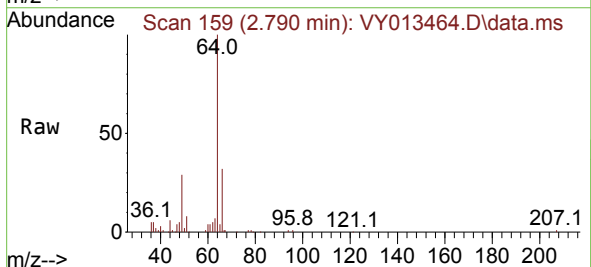
Instrument :
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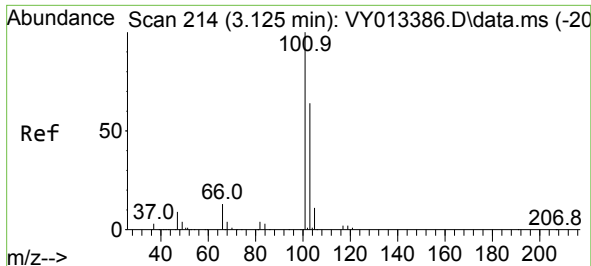
Tgt Ion: 94 Resp: 44224
Ion Ratio Lower Upper
94 100
96 95.4 74.2 111.2



#6
Chloroethane
Concen: 18.059 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 64 Resp: 34412
Ion Ratio Lower Upper
64 100
66 31.8 24.6 37.0

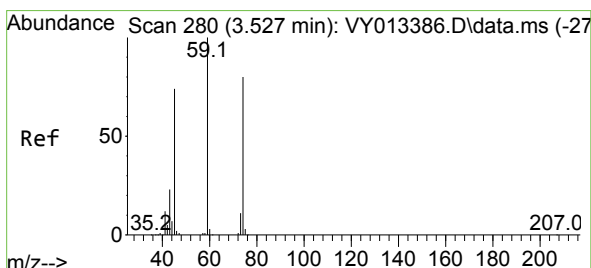
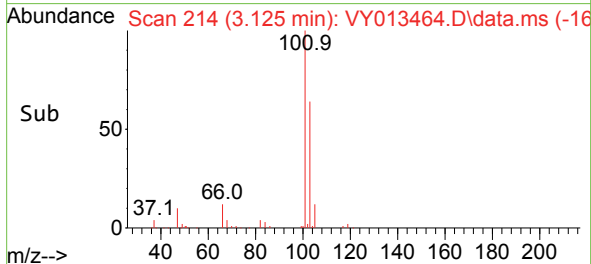
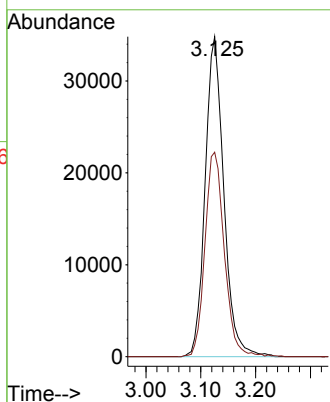
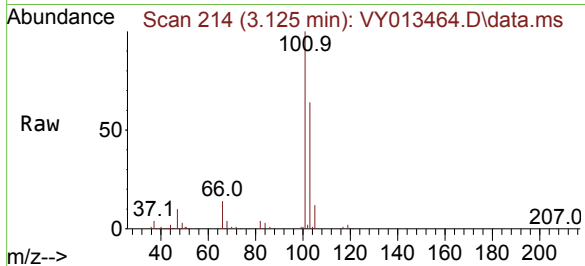




#7
 Trichlorofluoromethane
 Concen: 19.656 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013464.D
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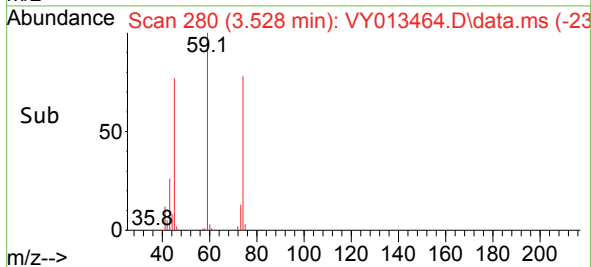
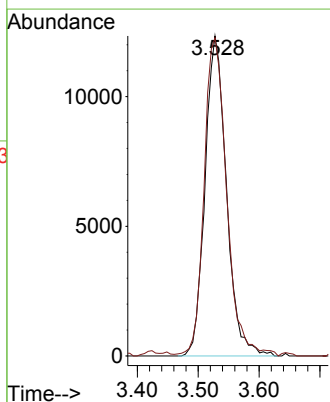
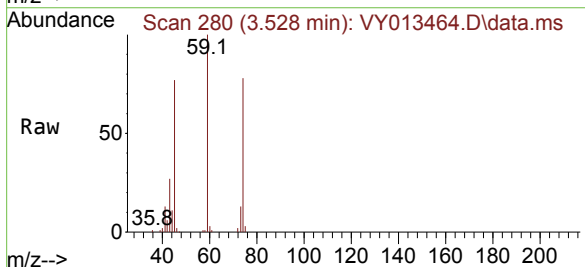
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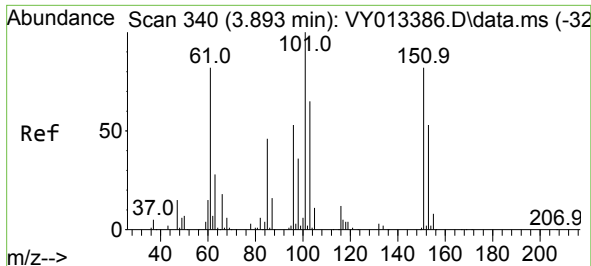
Tgt Ion:101 Resp: 82131
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 21.212 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

Tgt Ion: 74 Resp: 30183
 Ion Ratio Lower Upper
 74 100
 45 104.4 48.2 144.6

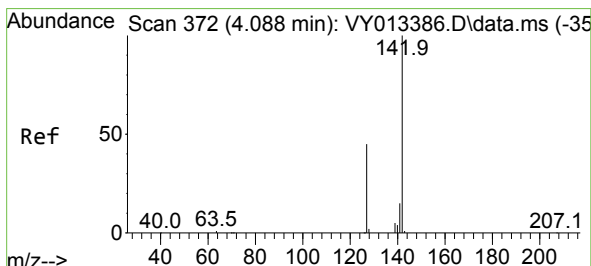
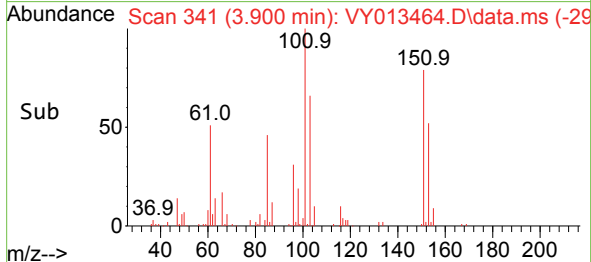
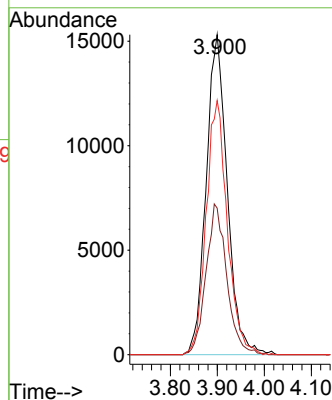
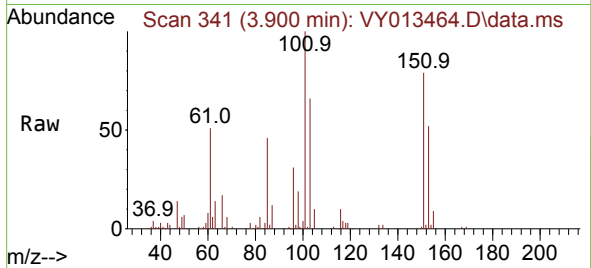




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.362 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013464.D
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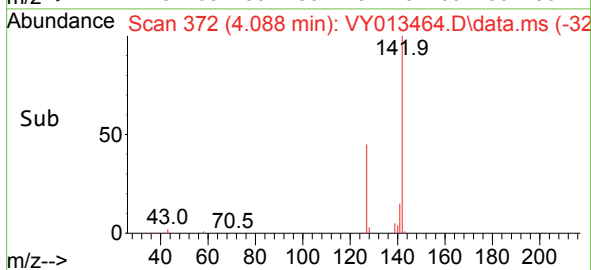
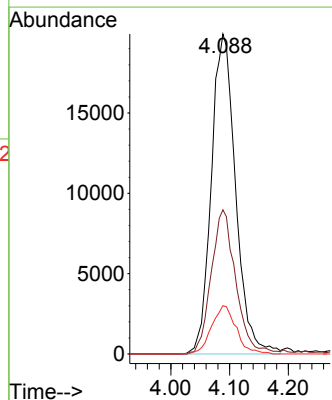
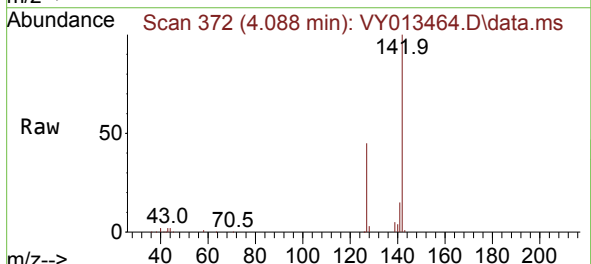
Instrument :
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ClientSampleId :
VY0426SBSD01

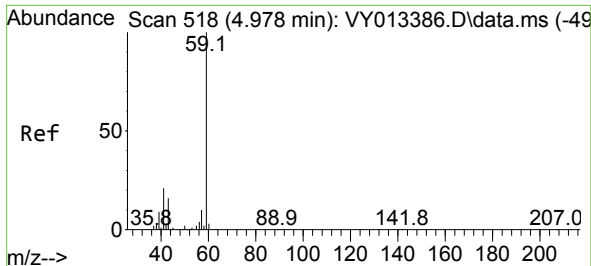
Tgt Ion:101 Resp: 47723
Ion Ratio Lower Upper
101 100
85 46.4 35.6 53.4
151 79.5 68.0 102.0



#10
Methyl Iodide
Concen: 19.416 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion:142 Resp: 57156
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 15.3 11.6 17.4

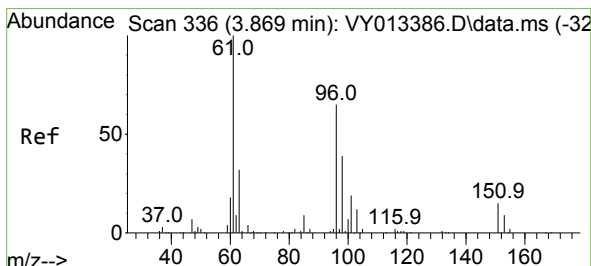
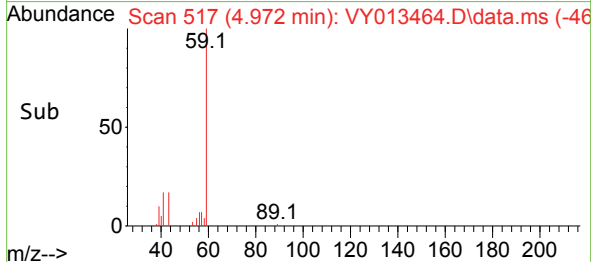
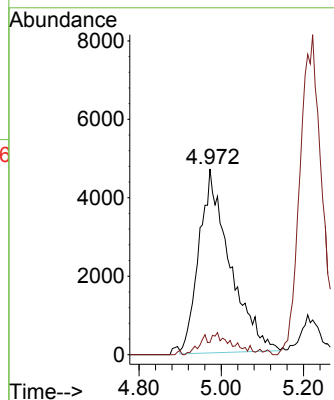
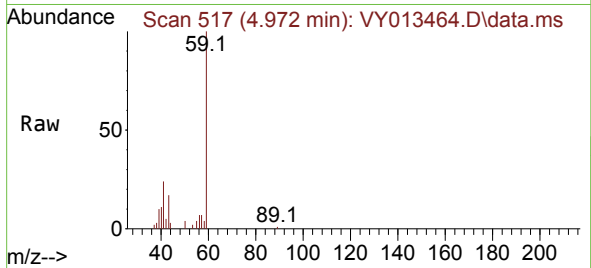




#11
Tert butyl alcohol
Concen: 91.346 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

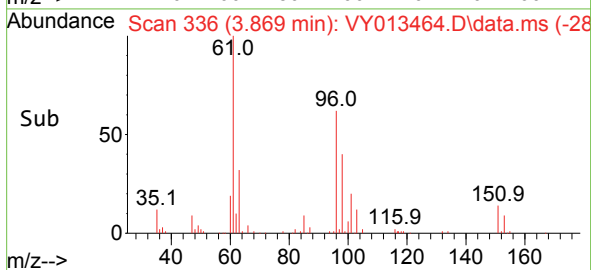
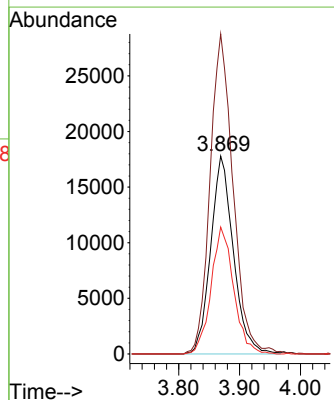
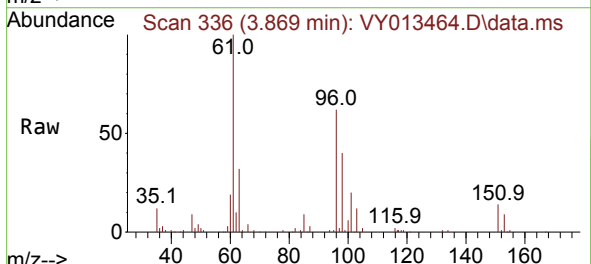
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

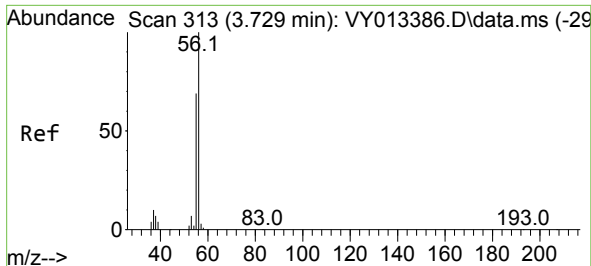
Tgt Ion: 59 Resp: 24407
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.394 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 96 Resp: 46076
Ion Ratio Lower Upper
96 100
61 161.7 123.9 185.9
98 64.1 48.9 73.3





#13

Acrolein

Concen: 118.803 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

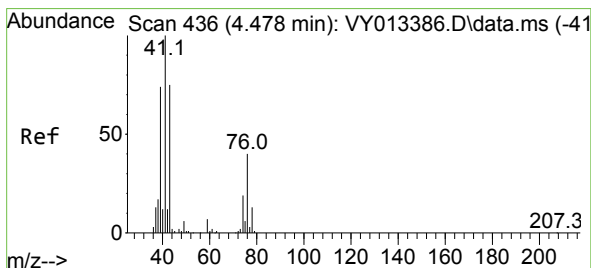
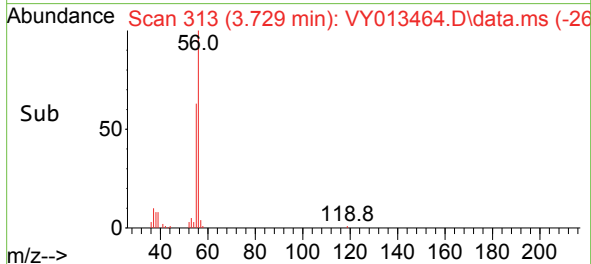
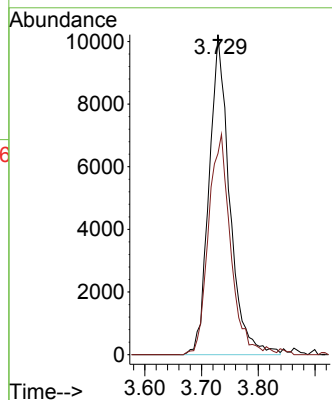
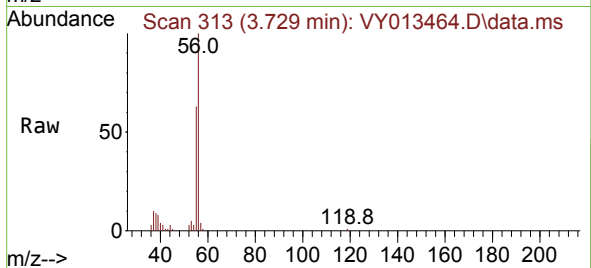
VY0426SBS01

Tgt Ion: 56 Resp: 25704

Ion Ratio Lower Upper

56 100

55 73.6 54.1 81.1



#14

Allyl chloride

Concen: 19.382 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.005 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

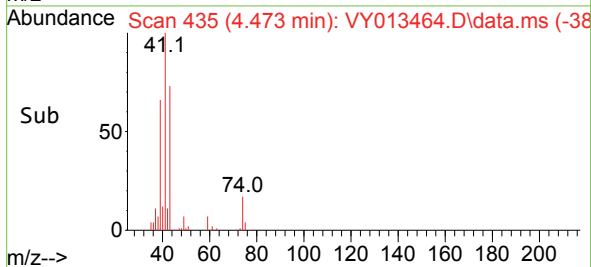
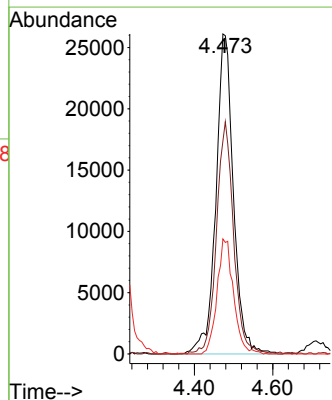
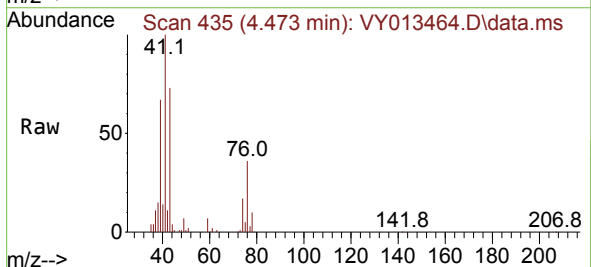
Tgt Ion: 41 Resp: 81250

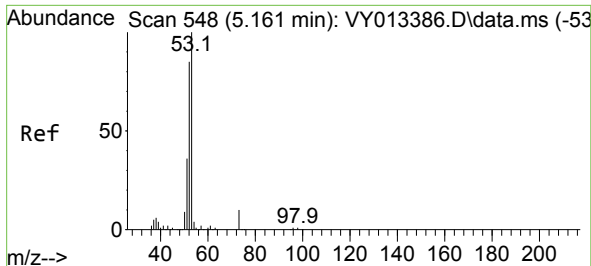
Ion Ratio Lower Upper

41 100

39 70.8 56.6 85.0

76 33.8 30.5 45.7

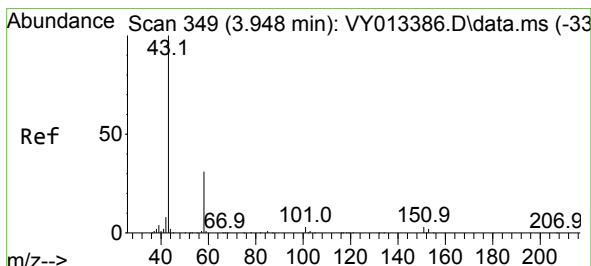
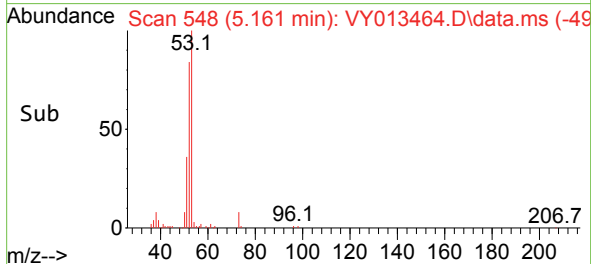
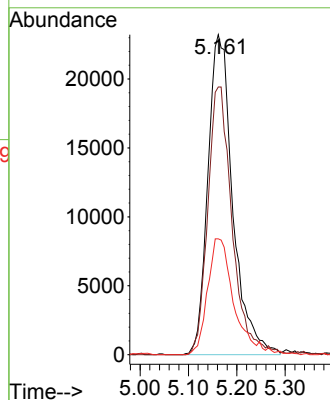
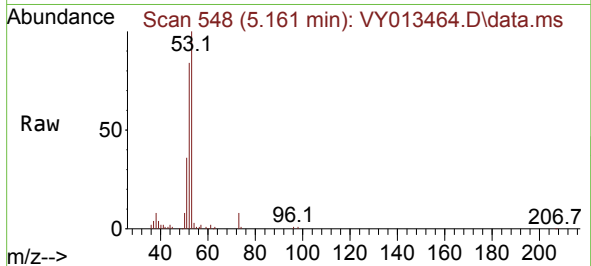




#15
Acrylonitrile
Concen: 104.116 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

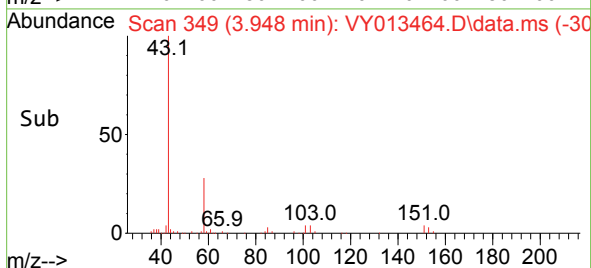
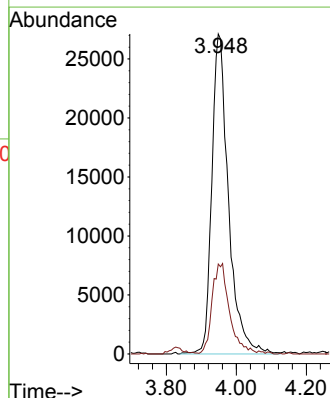
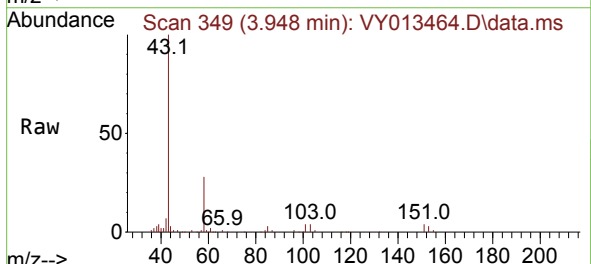
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

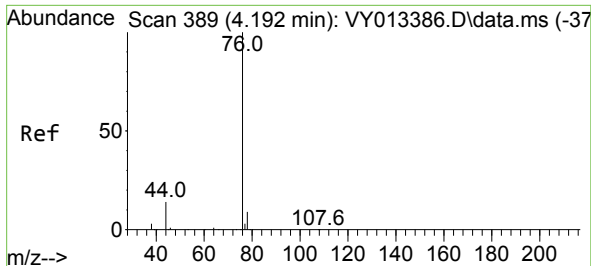
Tgt Ion: 53	Resp: 82968
Ion Ratio	Lower Upper
53 100	
52 81.8	65.4 98.0
51 38.7	29.3 43.9



#16
Acetone
Concen: 95.598 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 43	Resp: 89714
Ion Ratio	Lower Upper
43 100	
58 27.9	25.4 38.0

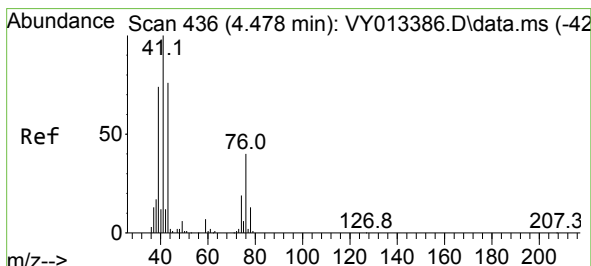
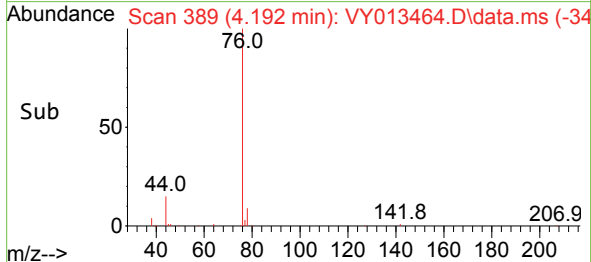
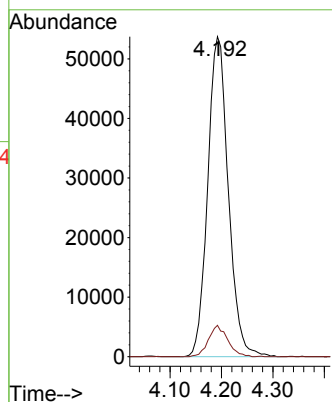
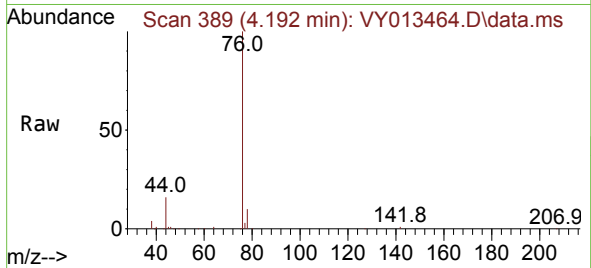




#17
Carbon Disulfide
Concen: 20.371 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

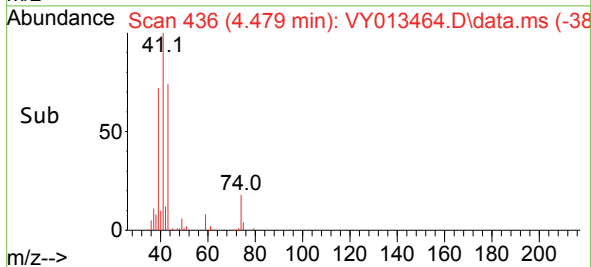
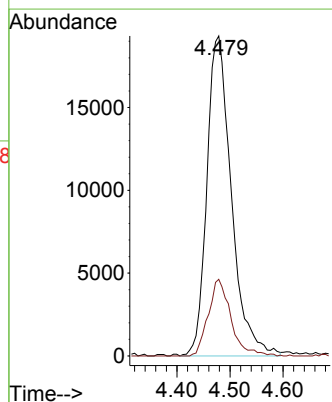
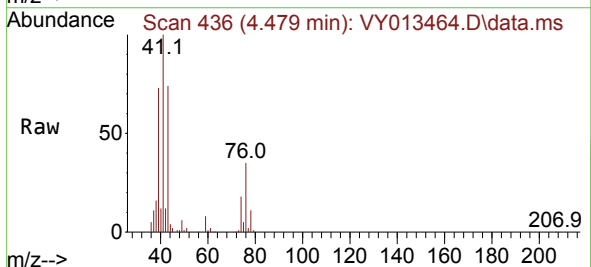
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

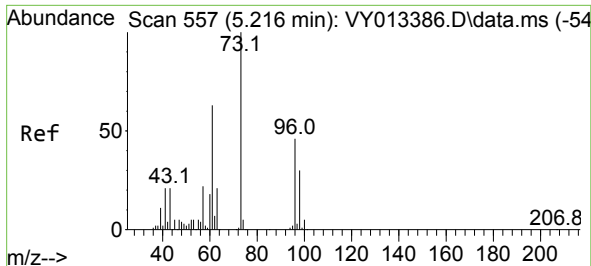
Tgt Ion: 76 Resp: 149501
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 19.984 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 43 Resp: 61940
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

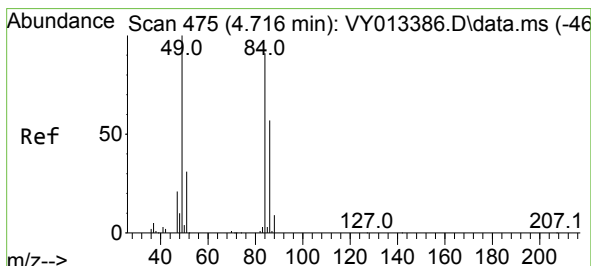
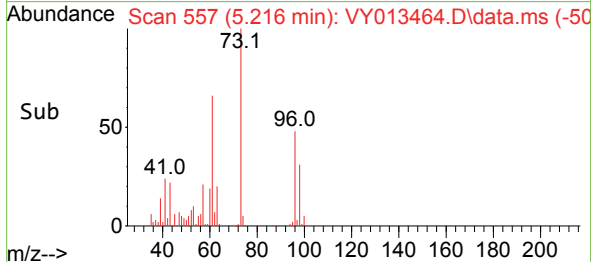
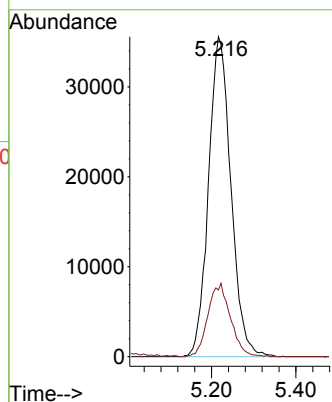
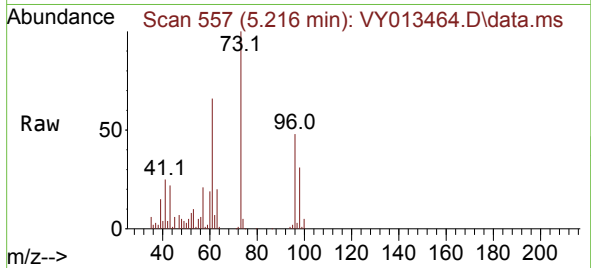




#19
Methyl tert-butyl Ether
Concen: 20.116 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

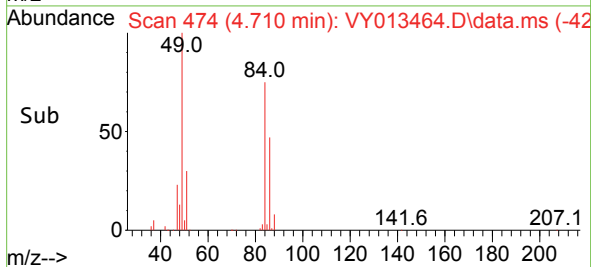
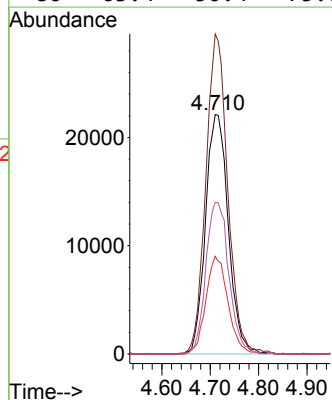
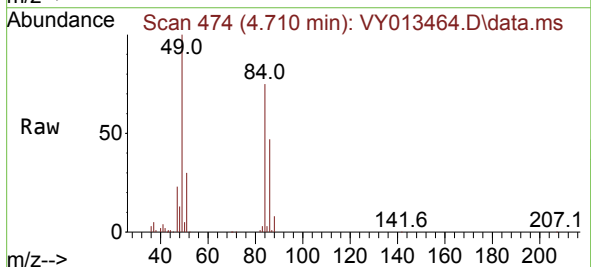
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

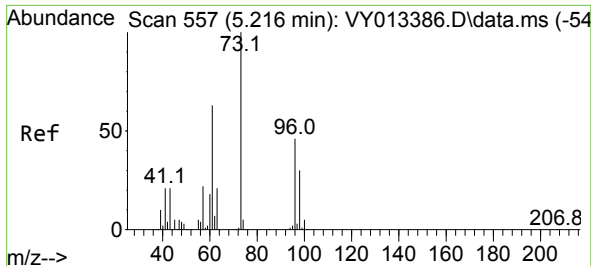
Tgt Ion: 73 Resp: 131207
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.8



#20
Methylene Chloride
Concen: 19.757 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 84 Resp: 72469
Ion Ratio Lower Upper
84 100
49 133.7 88.0 132.0#
51 40.8 27.4 41.0
86 63.4 50.4 75.6

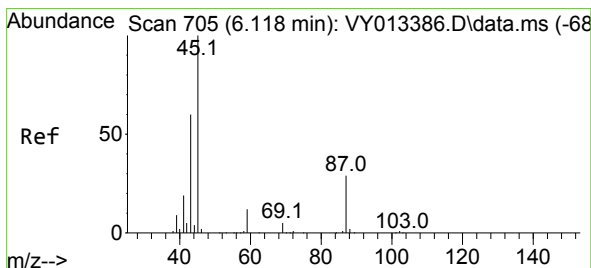
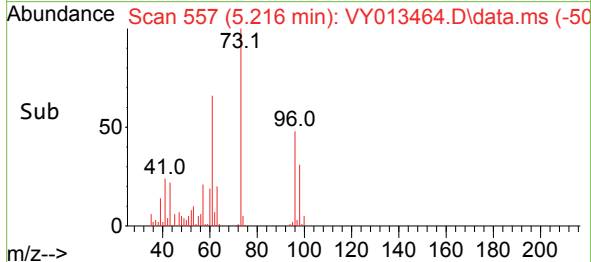
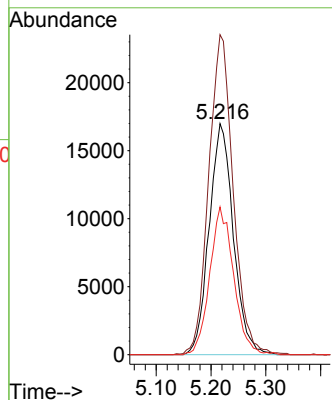
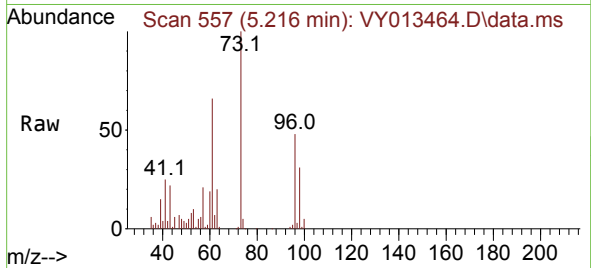




#21
trans-1,2-Dichloroethene
Concen: 21.102 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

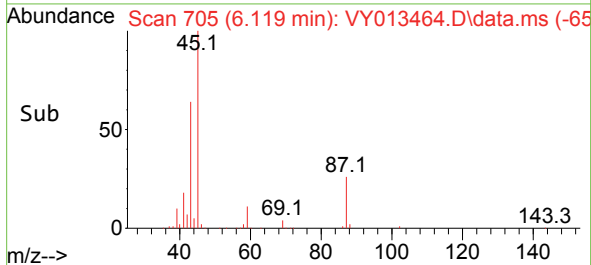
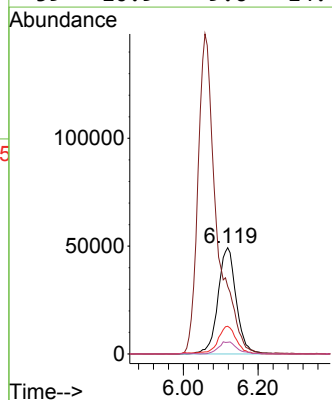
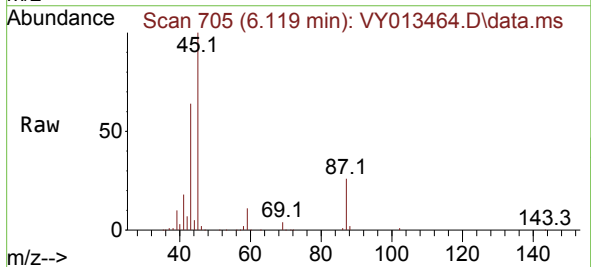
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

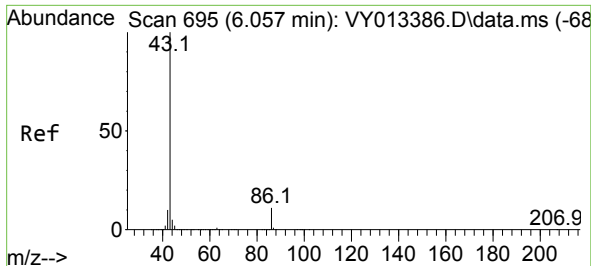
Tgt Ion: 96 Resp: 52125
Ion Ratio Lower Upper
96 100
61 138.2 110.6 165.8
98 63.9 53.1 79.7



#22
Diisopropyl ether
Concen: 20.339 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 45 Resp: 166653
Ion Ratio Lower Upper
45 100
43 63.3 48.4 72.6
87 26.0 23.8 35.6
59 10.9 9.6 14.4

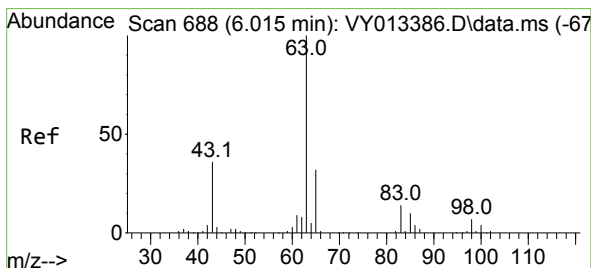
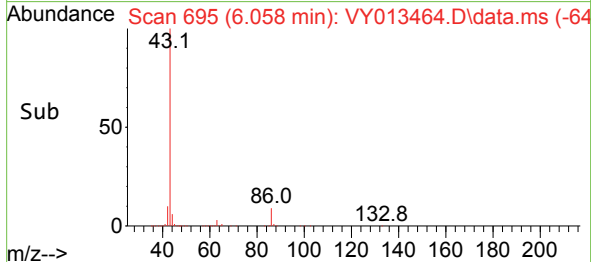
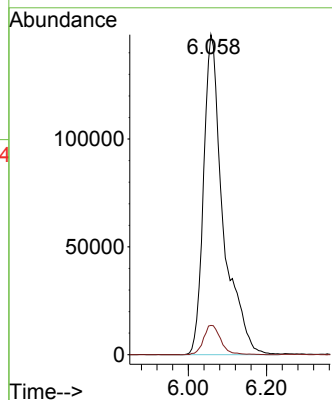
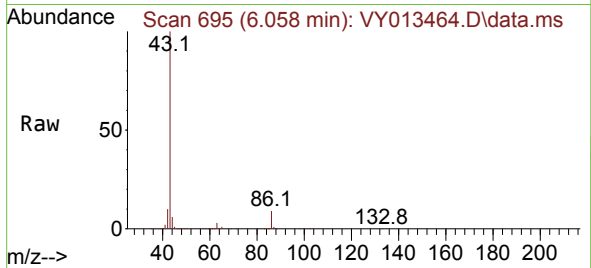




#23
 Vinyl Acetate
 Concen: 111.015 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

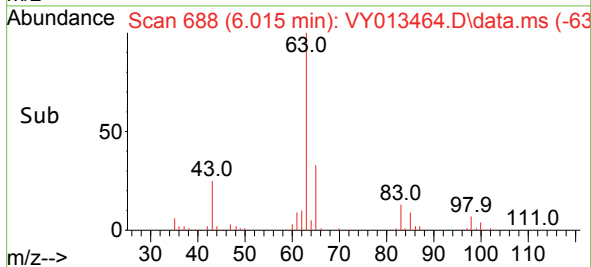
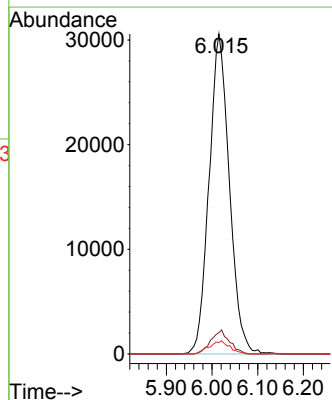
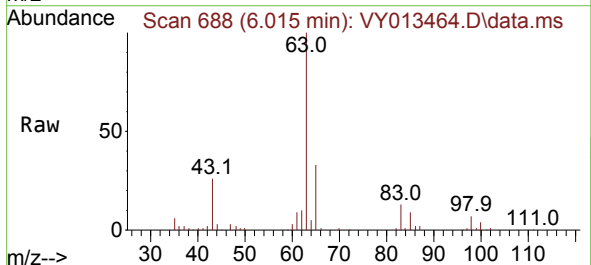
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

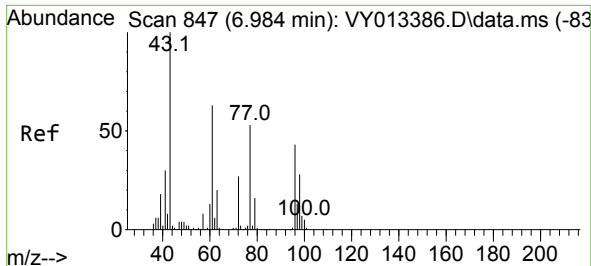
Tgt Ion: 43 Resp: 515021
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.674 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

Tgt Ion: 63 Resp: 94410
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 3.6 2.2 6.6

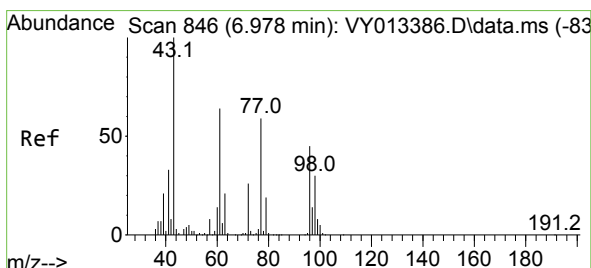
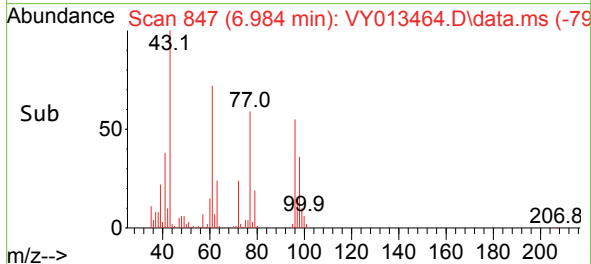
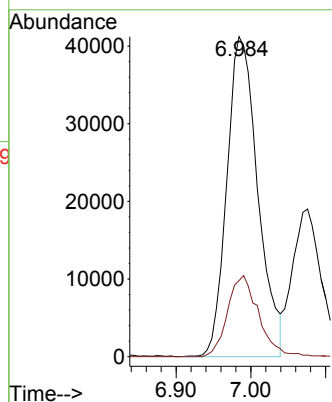
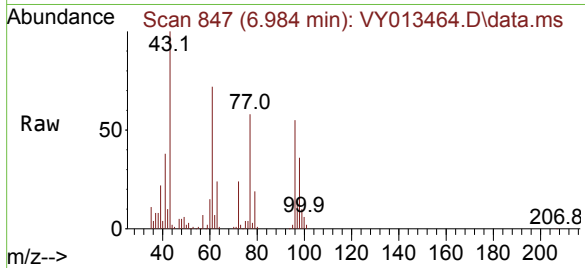




#25
2-Butanone
Concen: 99.837 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

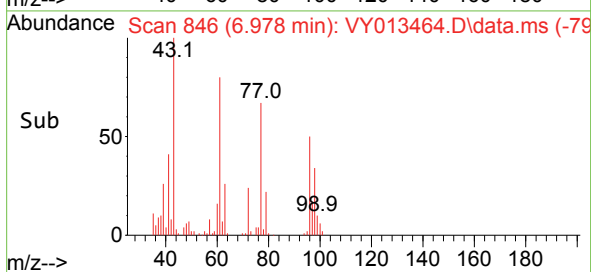
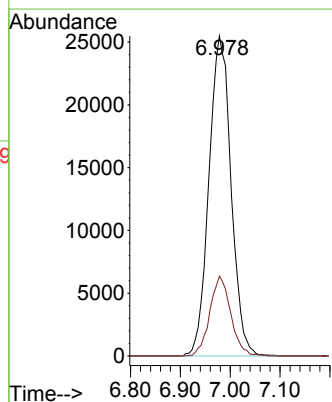
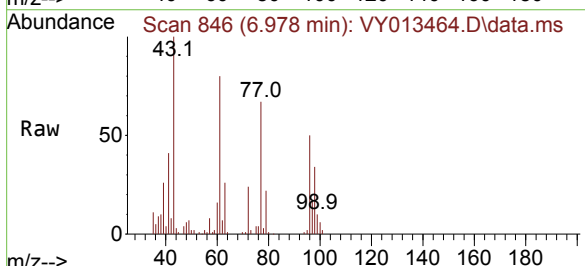
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

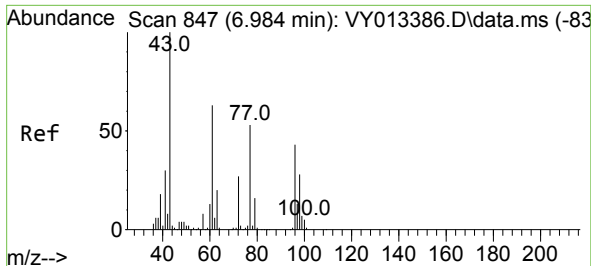
Tgt Ion: 43 Resp: 118822
Ion Ratio Lower Upper
43 100
72 23.8 21.9 32.9



#26
2,2-Dichloropropane
Concen: 19.988 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 77 Resp: 78653
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 21.102 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

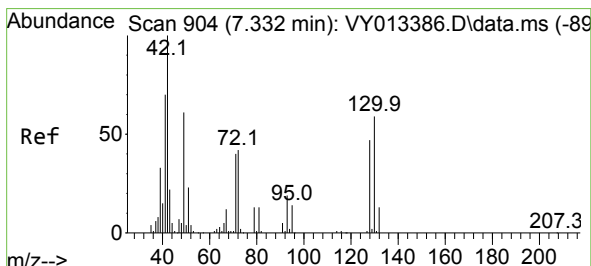
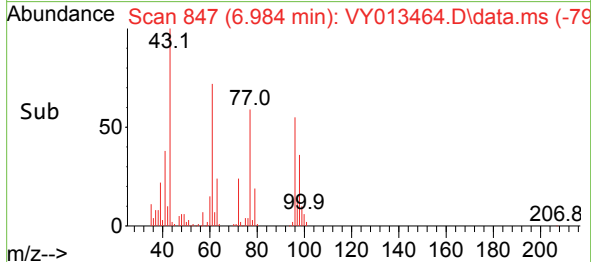
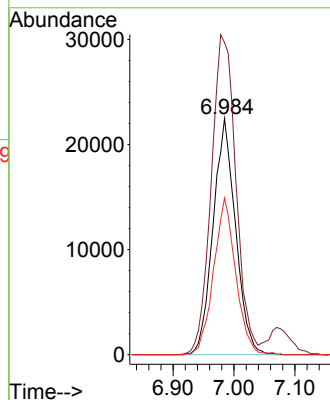
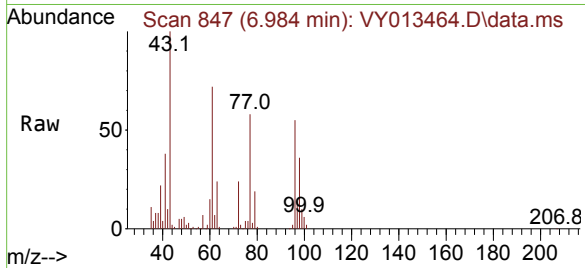
Tgt Ion: 96 Resp: 57593

Ion Ratio Lower Upper

96 100

61 148.4 0.0 285.0

98 65.3 0.0 130.6



#28

Bromochloromethane

Concen: 21.267 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

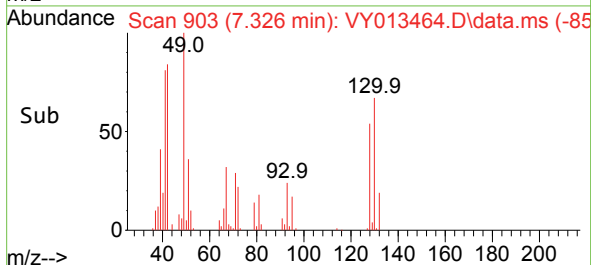
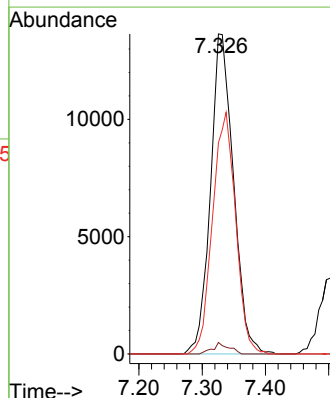
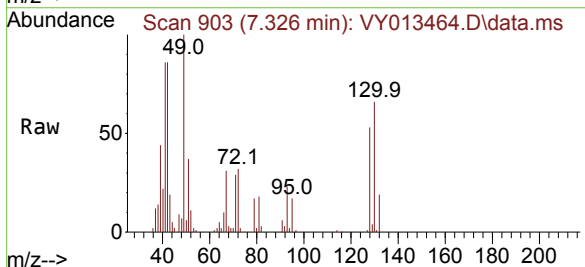
Tgt Ion: 49 Resp: 34464

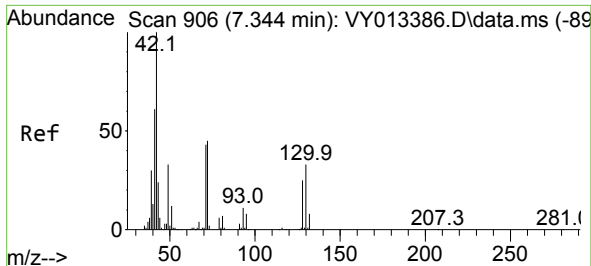
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 75.7 72.1 108.1





#29

Tetrahydrofuran

Concen: 103.476 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

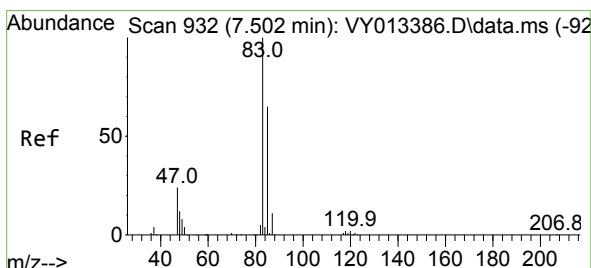
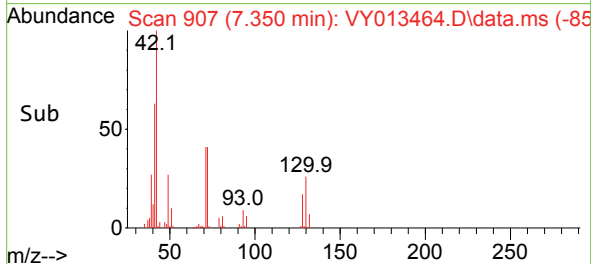
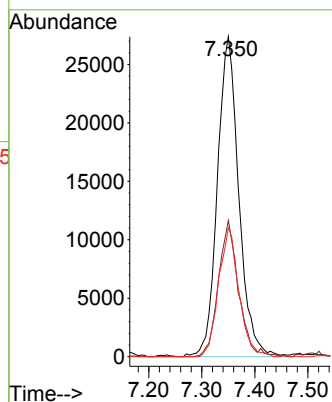
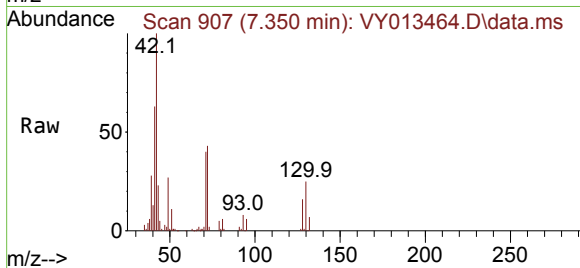
Tgt Ion: 42 Resp: 76660

Ion Ratio Lower Upper

42 100

72 40.1 35.9 53.9

71 38.2 34.3 51.5



#30

Chloroform

Concen: 21.804 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013464.D

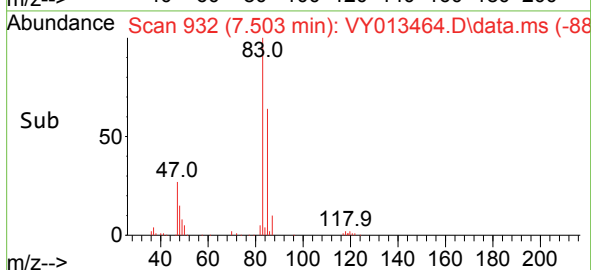
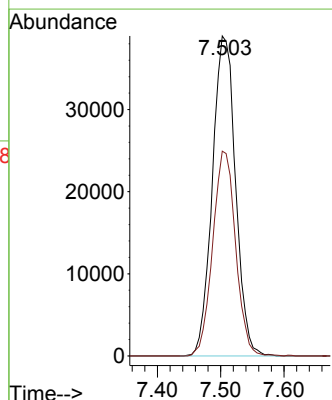
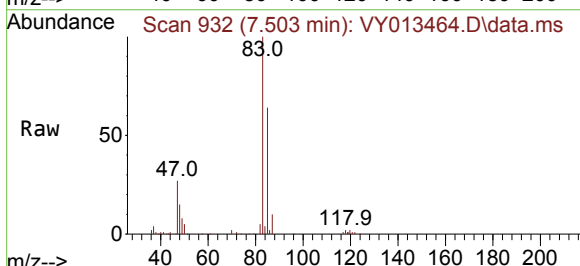
Acq: 26 Apr 2023 11:34

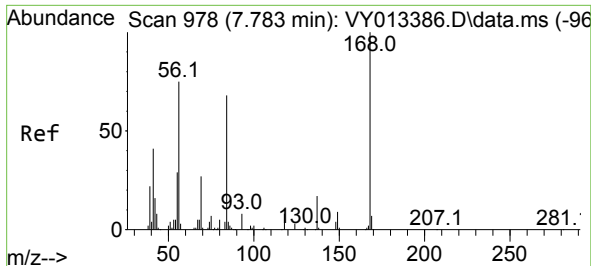
Tgt Ion: 83 Resp: 98996

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

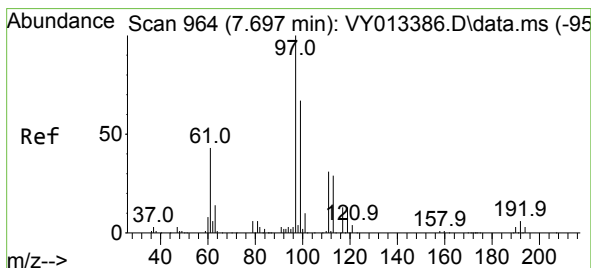
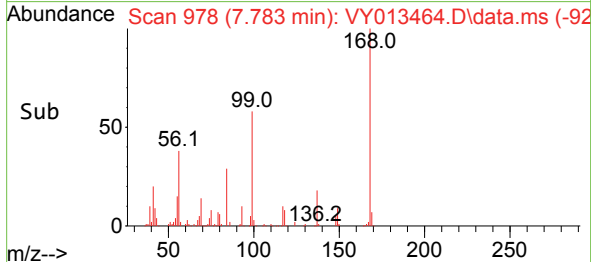
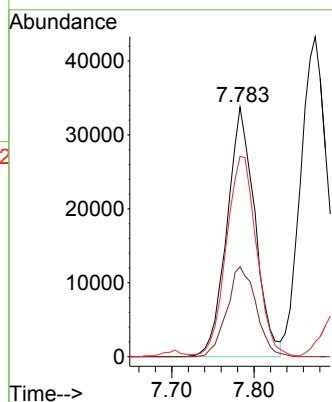
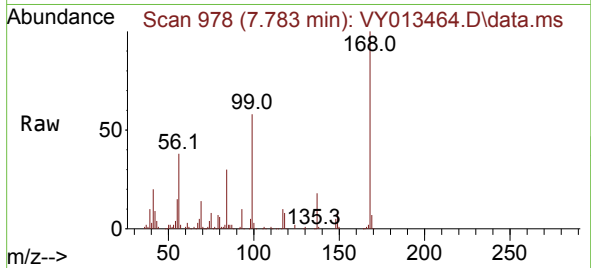




#31
Cyclohexane
Concen: 18.710 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

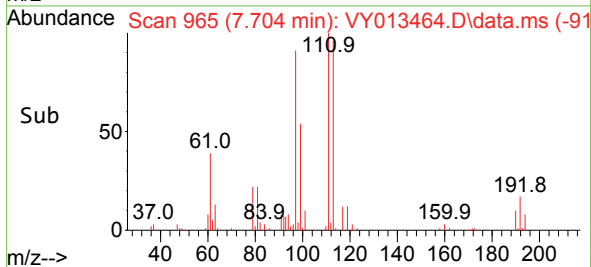
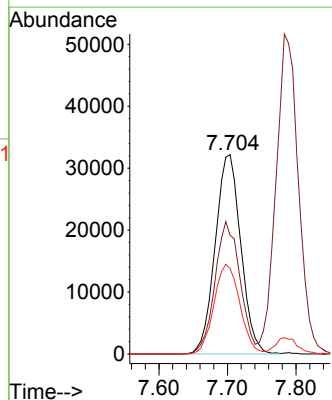
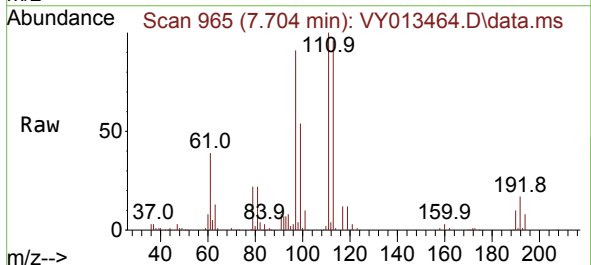
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

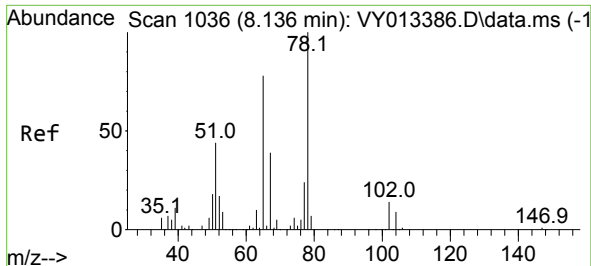
Tgt Ion: 56 Resp: 79827
Ion Ratio Lower Upper
56 100
69 36.0 29.2 43.8
84 79.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 20.615 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 97 Resp: 83522
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 45.4 33.8 50.8

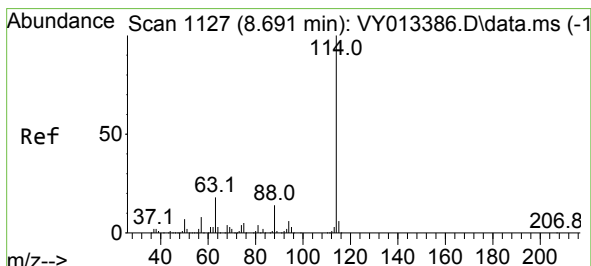
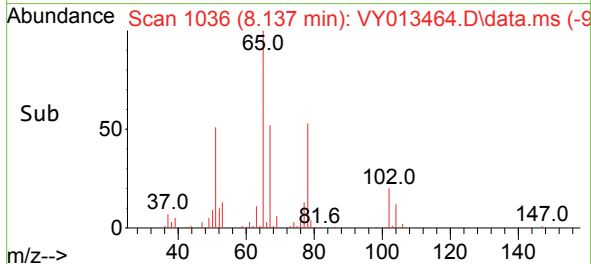
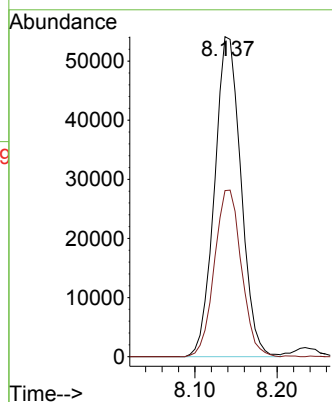
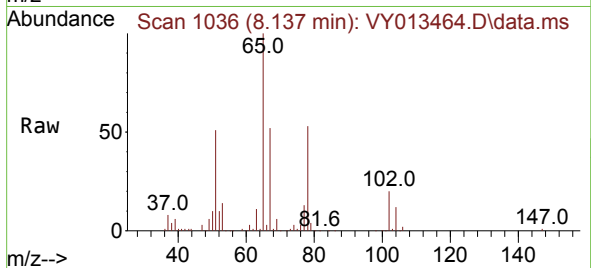




#33
 1,2-Dichloroethane-d4
 Concen: 50.898 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

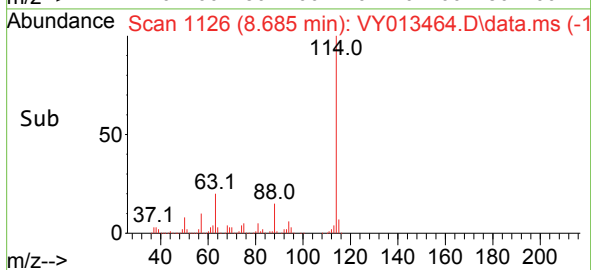
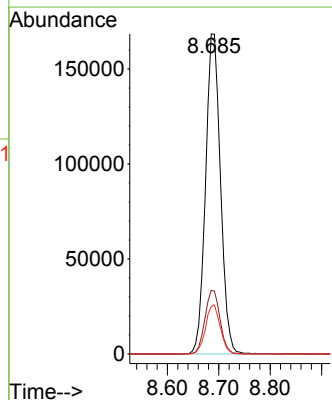
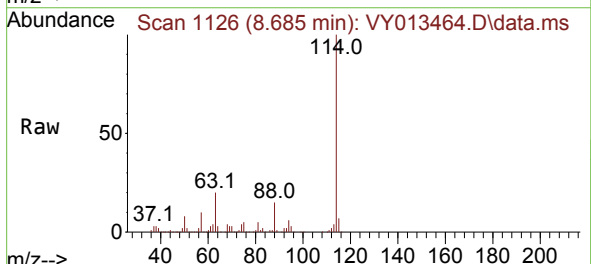
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

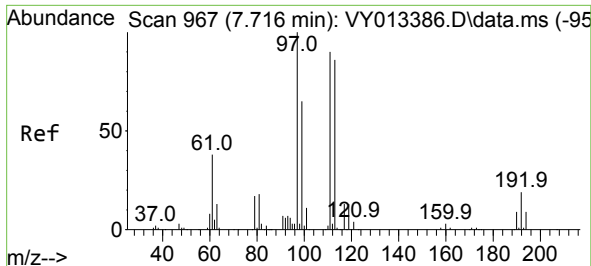
Tgt Ion: 65 Resp: 121290
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

Tgt Ion: 114 Resp: 339272
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.6
 88 14.8 0.0 28.8

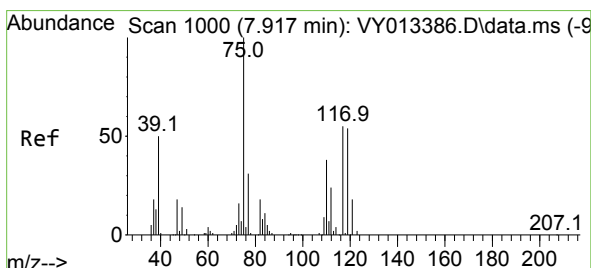
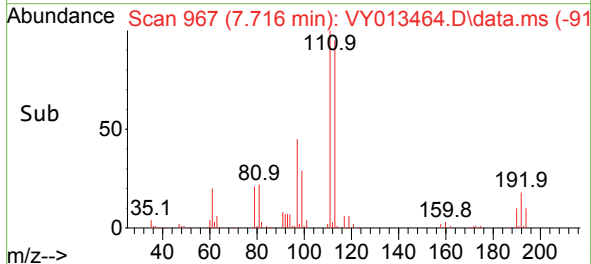
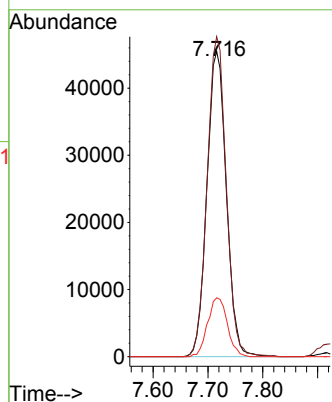
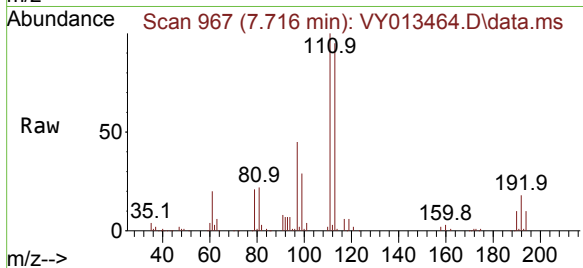




#35
Dibromofluoromethane
Concen: 52.320 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

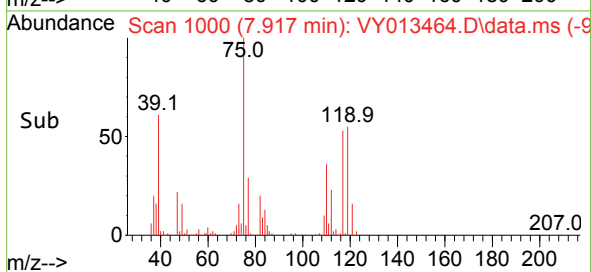
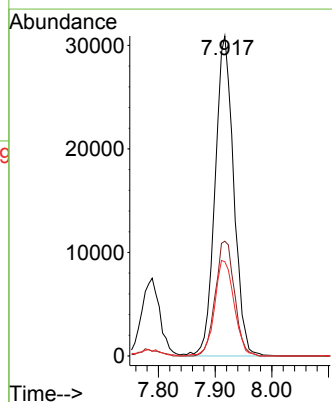
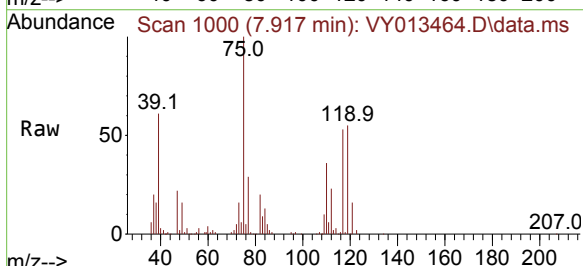
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

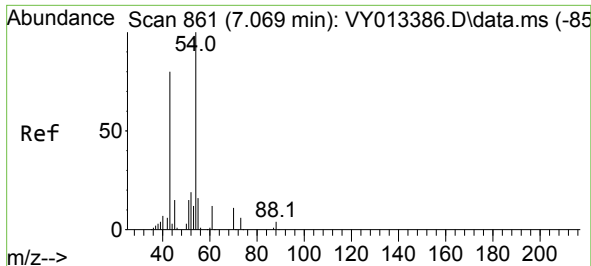
Tgt Ion:113 Resp: 111644
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 19.943 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 75 Resp: 70628
Ion Ratio Lower Upper
75 100
110 36.9 18.7 56.1
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 19.675 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBSD01

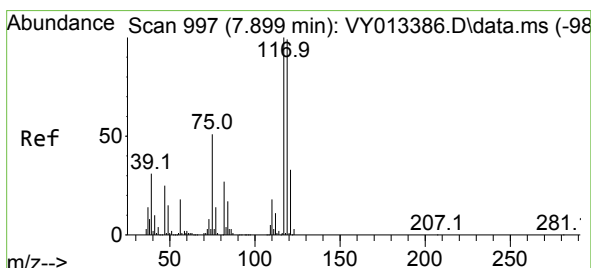
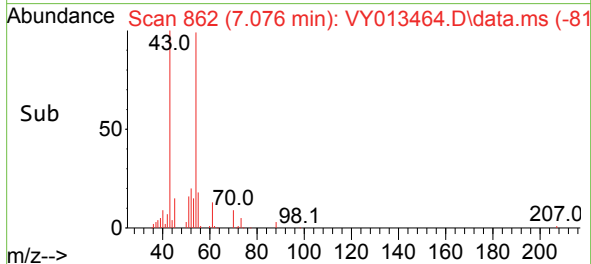
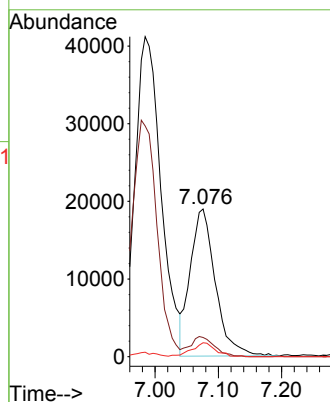
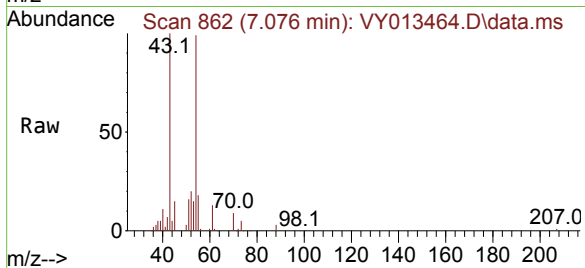
Tgt Ion: 43 Resp: 52434

Ion Ratio Lower Upper

43 100

61 12.5 11.4 17.0

70 8.4 7.9 11.9



#38

Carbon Tetrachloride

Concen: 20.637 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

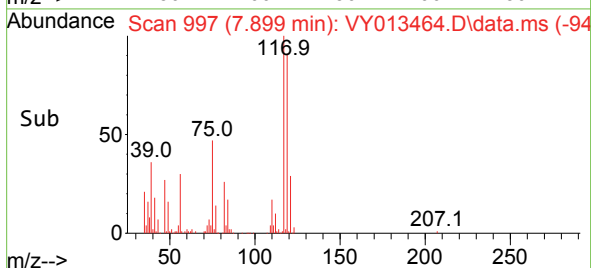
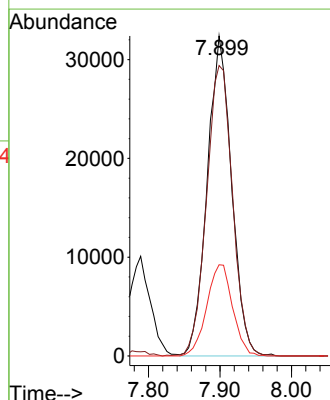
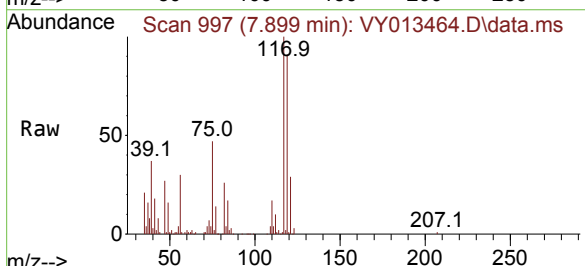
Tgt Ion: 117 Resp: 76601

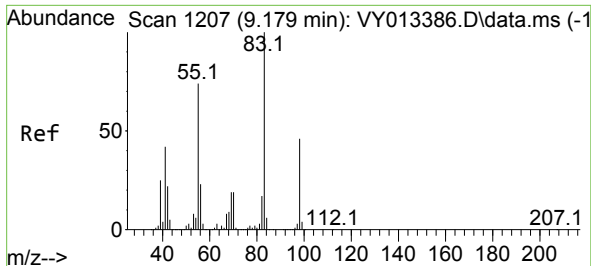
Ion Ratio Lower Upper

117 100

119 90.7 79.0 118.6

121 28.5 26.6 40.0





#39

Methylcyclohexane

Concen: 18.767 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013464.D

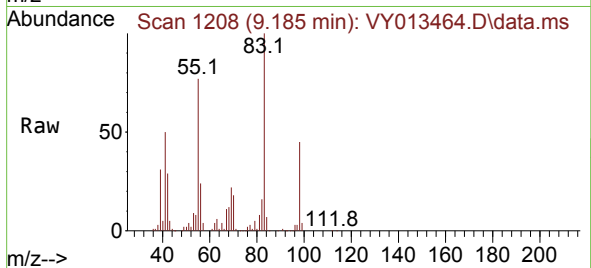
Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBSD01



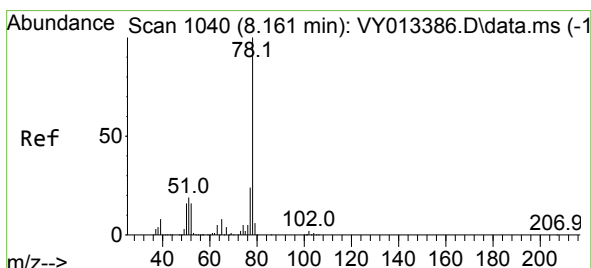
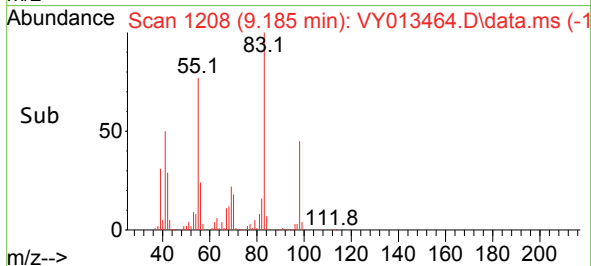
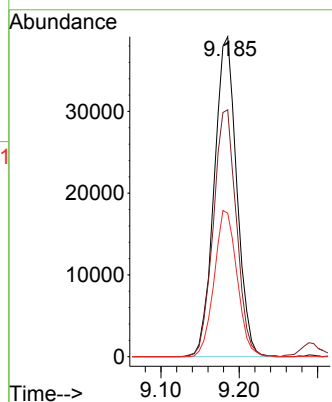
Tgt Ion: 83 Resp: 78354

Ion Ratio Lower Upper

83 100

55 77.2 59.0 88.4

98 44.9 37.0 55.4



#40

Benzene

Concen: 21.305 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013464.D

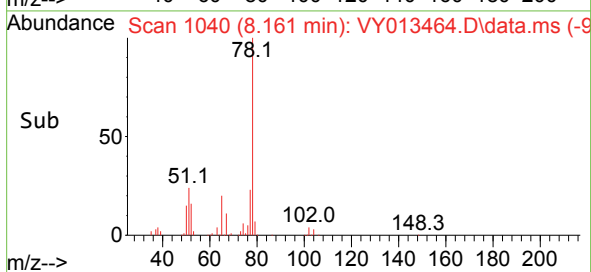
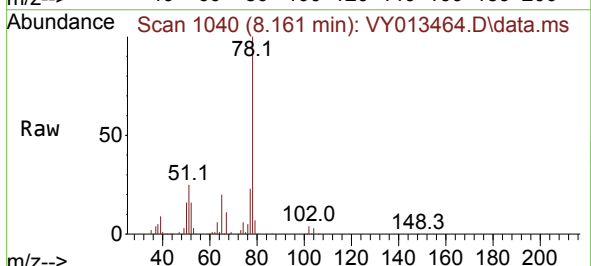
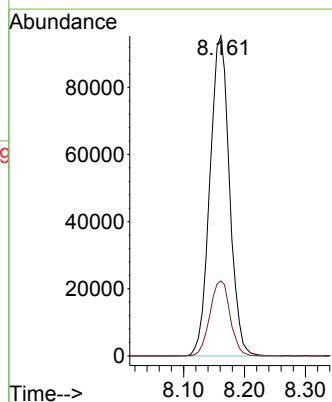
Acq: 26 Apr 2023 11:34

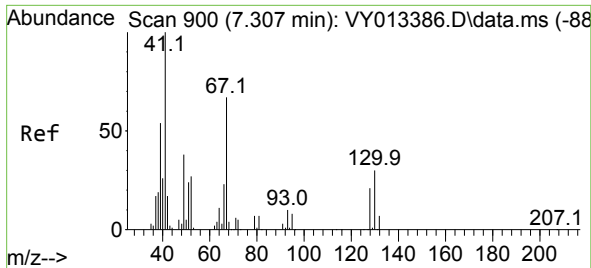
Tgt Ion: 78 Resp: 212536

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8

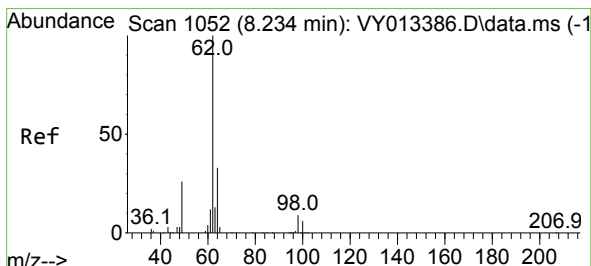
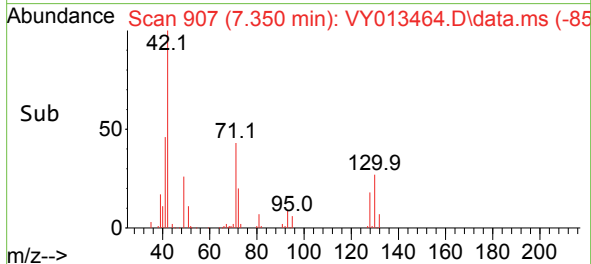
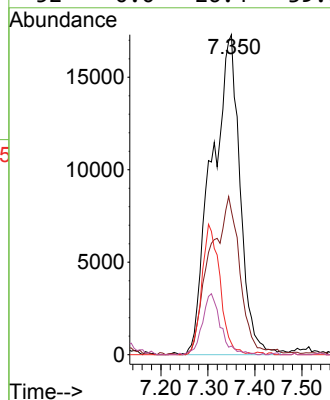
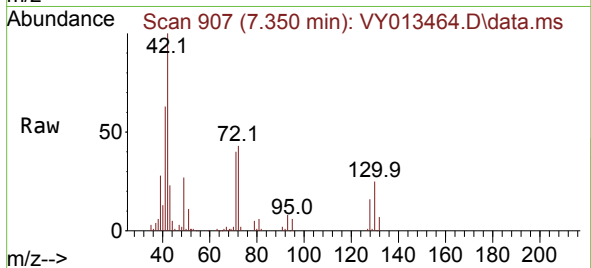




#41
Methacrylonitrile
Concen: 58.435 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

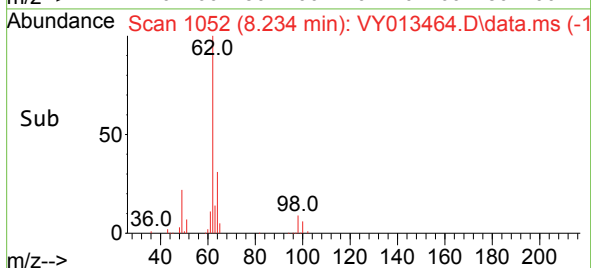
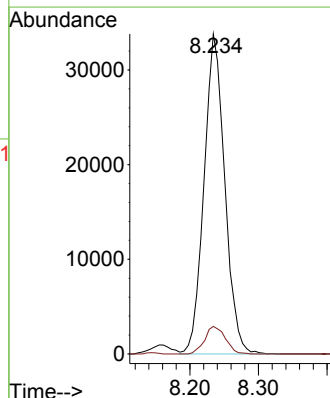
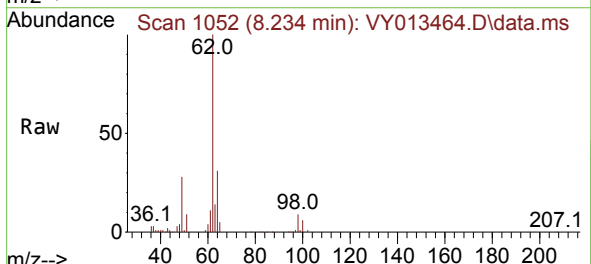
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

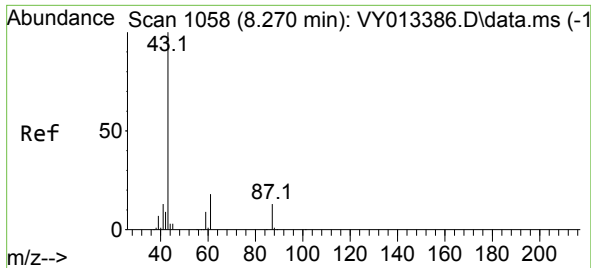
Tgt Ion: 41 Resp: 72570
Ion Ratio Lower Upper
41 100
39 52.4 44.2 66.4
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 21.840 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 62 Resp: 71230
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8

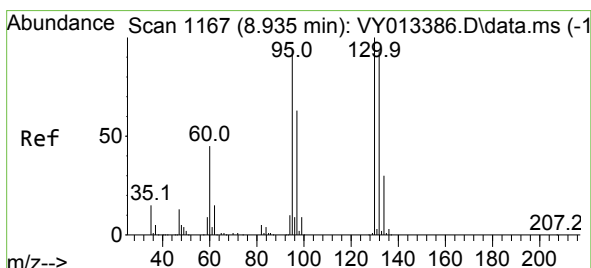
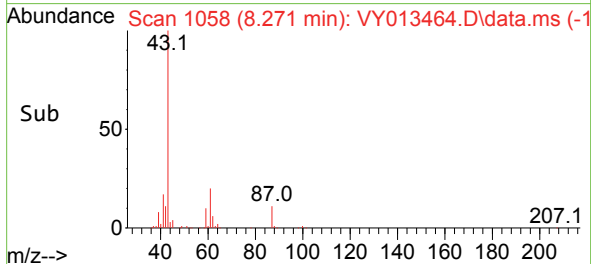
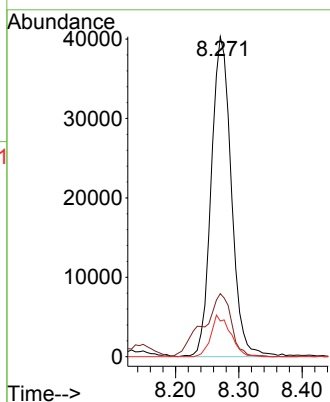
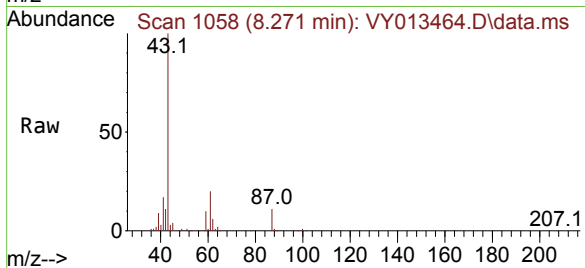




#43
Isopropyl Acetate
Concen: 19.719 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

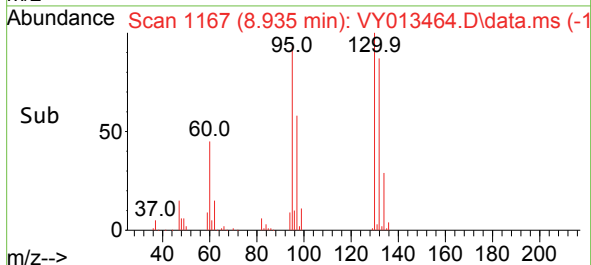
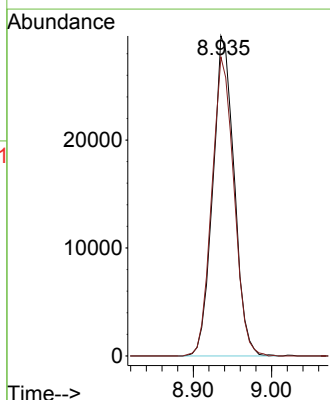
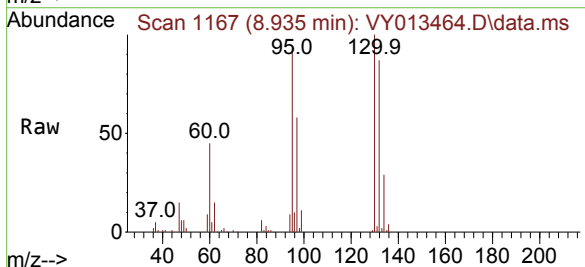
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

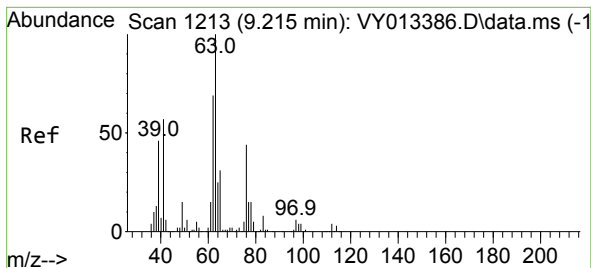
Tgt Ion: 43	Resp: 88703
Ion Ratio	Lower Upper
43 100	
61 27.7	22.2 33.4
87 12.7	11.0 16.6



#44
Trichloroethene
Concen: 21.183 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion:130	Resp:	56211	
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	188.8





#45

1,2-Dichloropropane

Concen: 21.291 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

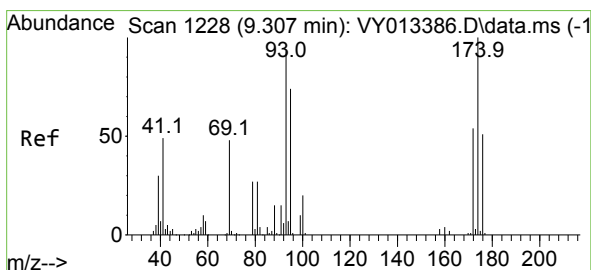
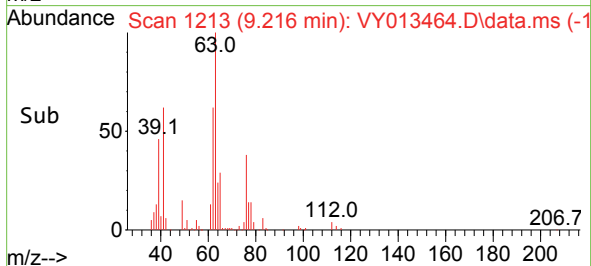
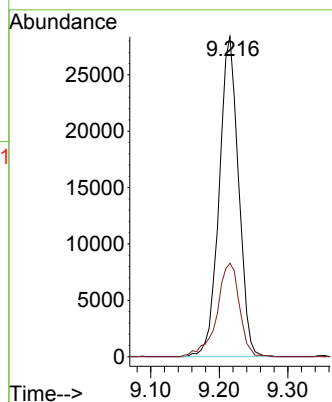
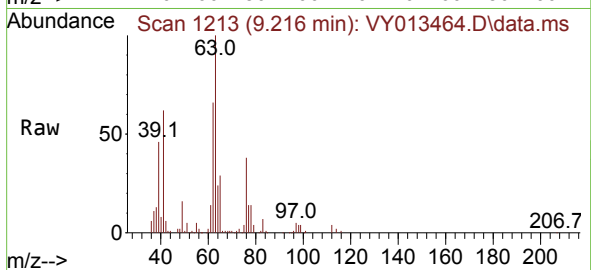
VY0426SBSD01

Tgt Ion: 63 Resp: 55535

Ion Ratio Lower Upper

63 100

65 29.2 24.6 37.0



#46

Dibromomethane

Concen: 21.638 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

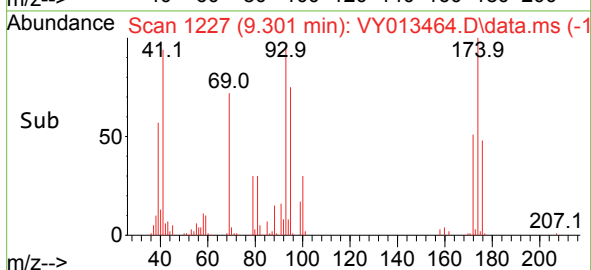
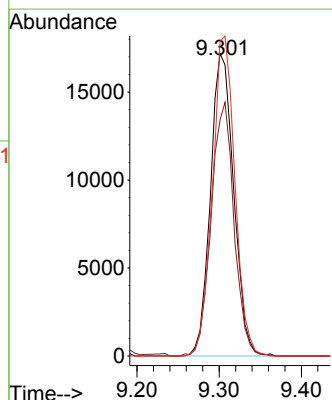
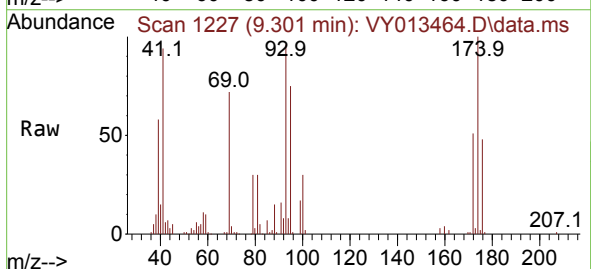
Tgt Ion: 93 Resp: 33769

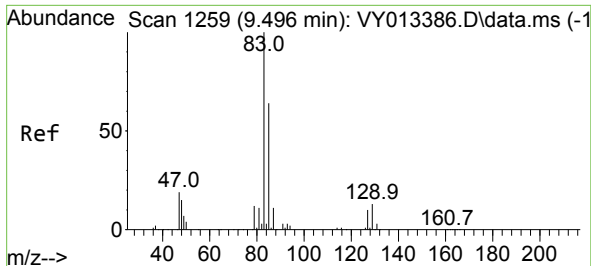
Ion Ratio Lower Upper

93 100

95 82.2 67.1 100.7

174 102.5 87.0 130.4

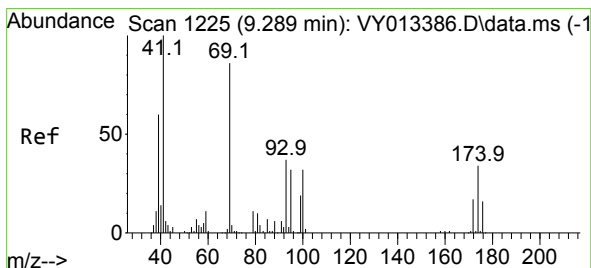
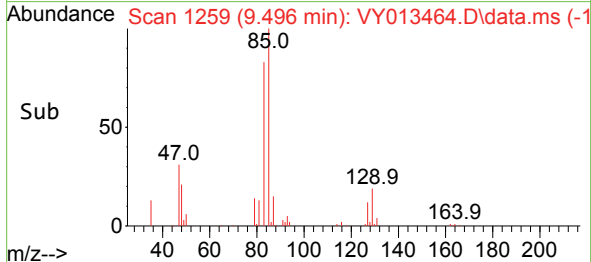
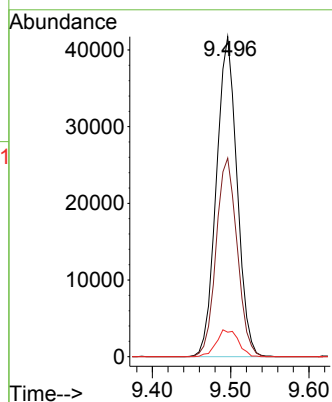
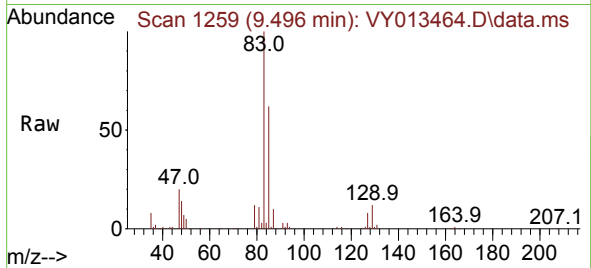




#47
Bromodichloromethane
Concen: 21.917 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

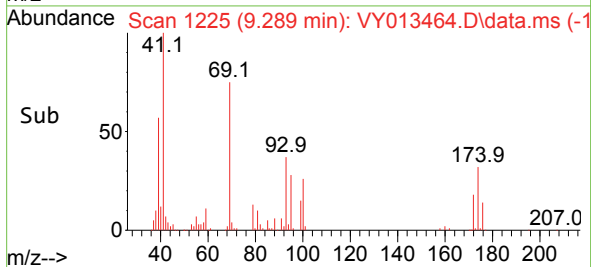
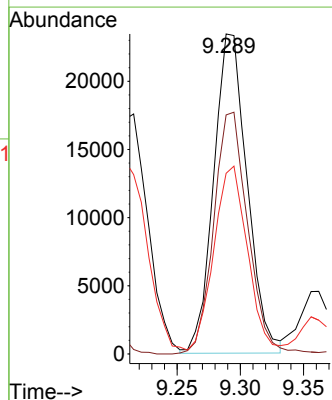
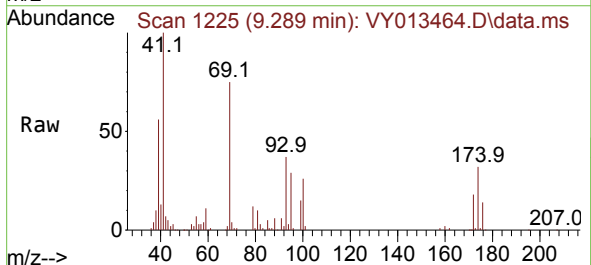
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

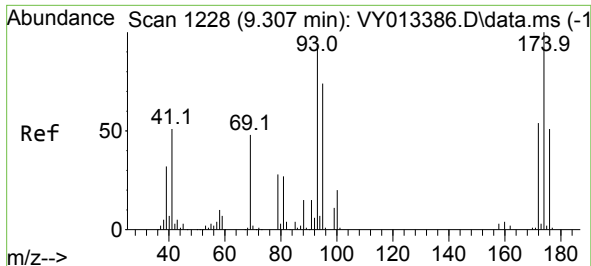
Tgt Ion: 83 Resp: 76539
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.2
127 7.6 8.1 12.1#



#48
Methyl methacrylate
Concen: 20.868 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 41 Resp: 43112
Ion Ratio Lower Upper
41 100
69 77.5 70.2 105.4
39 57.7 47.9 71.9





#49

1,4-Dioxane

Concen: 423.473 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

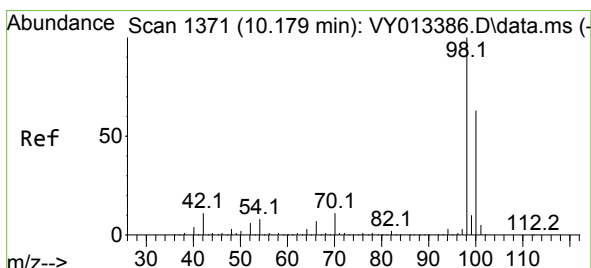
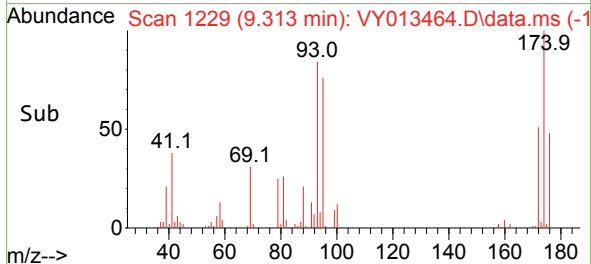
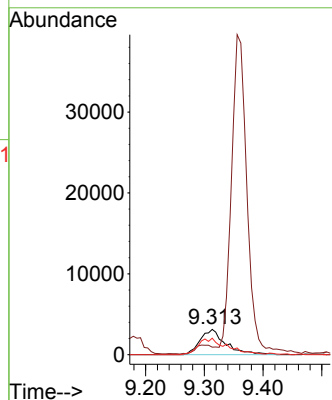
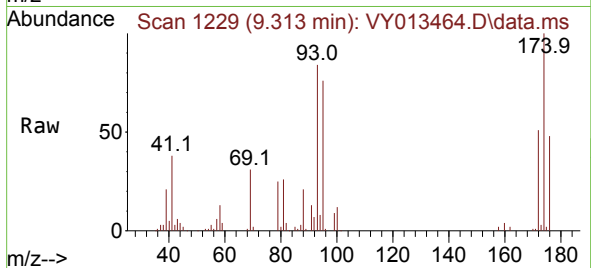
Tgt Ion: 88 Resp: 9439

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 73.4 54.3 81.5



#50

Toluene-d8

Concen: 50.528 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013464.D

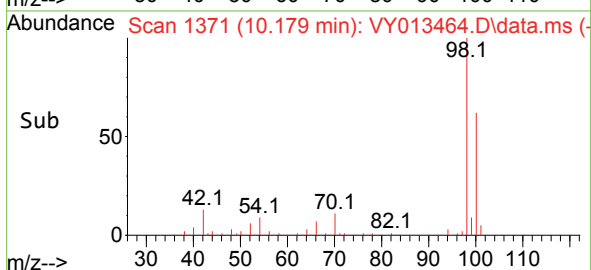
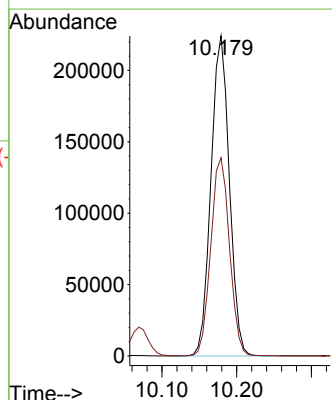
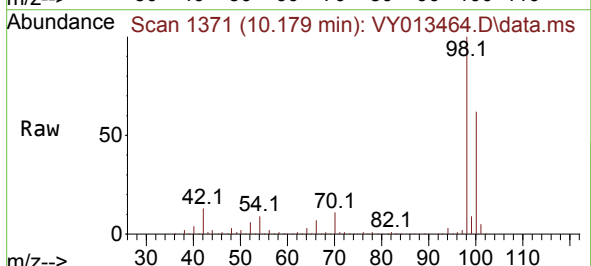
Acq: 26 Apr 2023 11:34

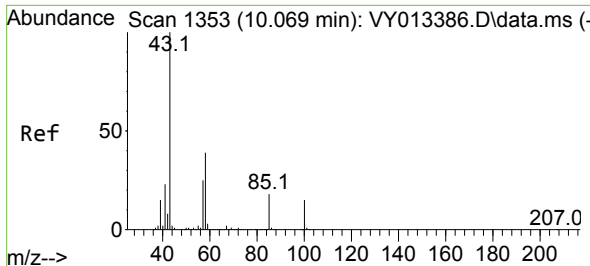
Tgt Ion: 98 Resp: 383559

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 102.727 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

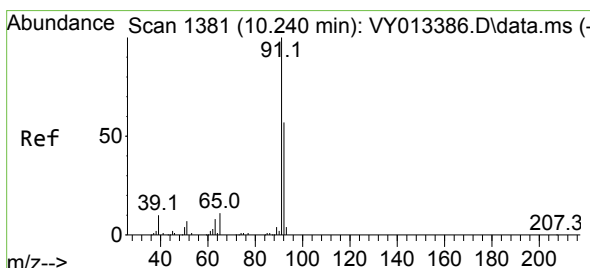
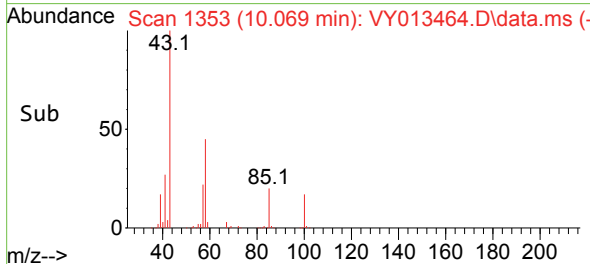
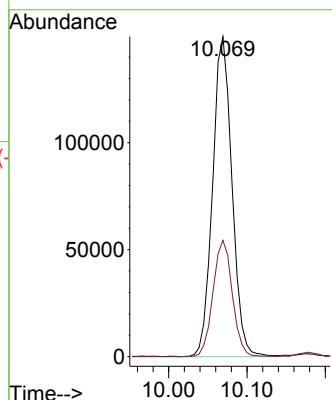
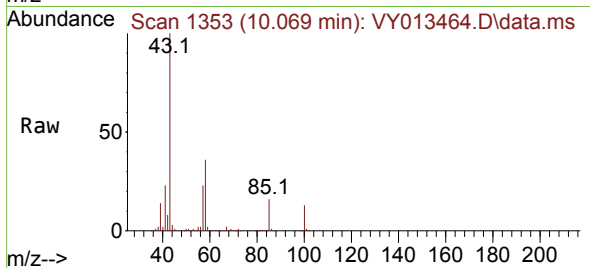
VY0426SBS01

Tgt Ion: 43 Resp: 257503

Ion Ratio Lower Upper

43 100

58 36.3 30.6 46.0



#52

Toluene

Concen: 21.532 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013464.D

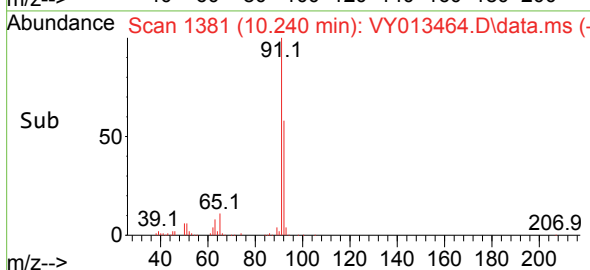
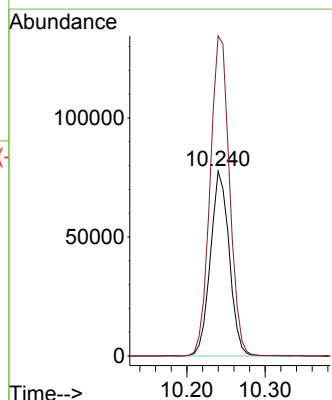
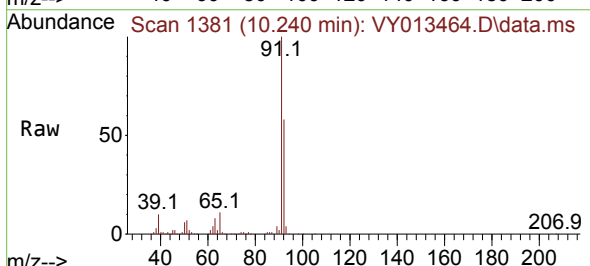
Acq: 26 Apr 2023 11:34

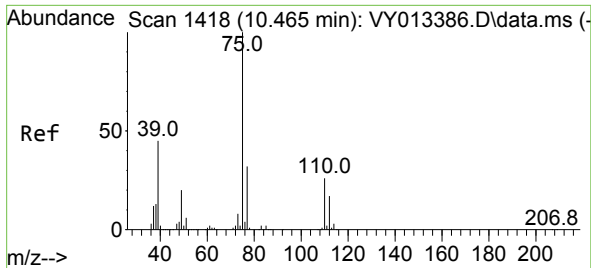
Tgt Ion: 92 Resp: 129259

Ion Ratio Lower Upper

92 100

91 178.7 140.2 210.4

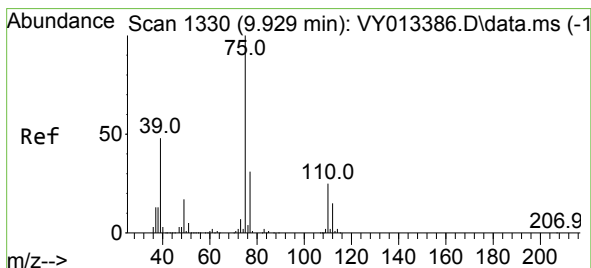
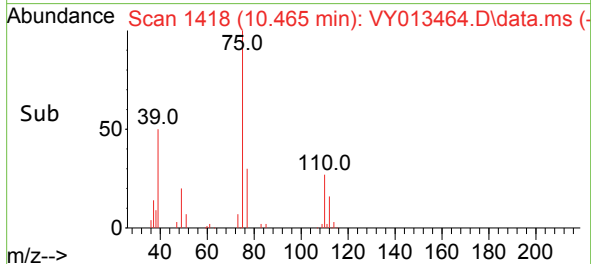
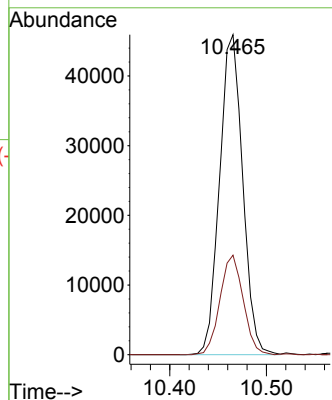
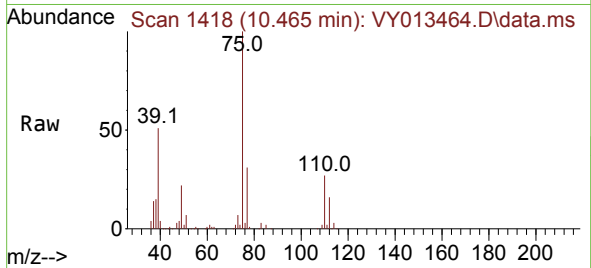




#53
 t-1,3-Dichloropropene
 Concen: 20.573 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

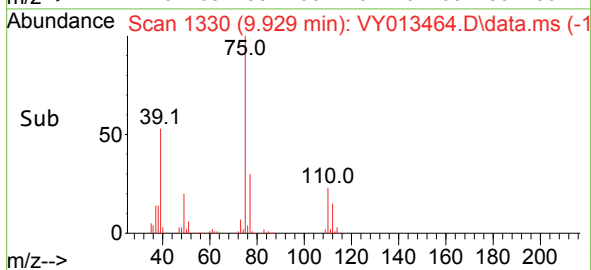
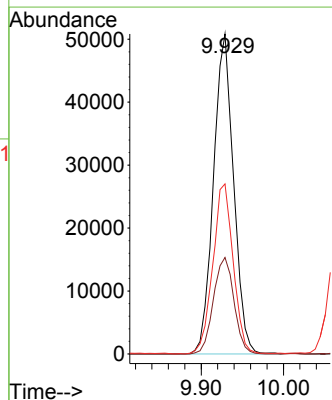
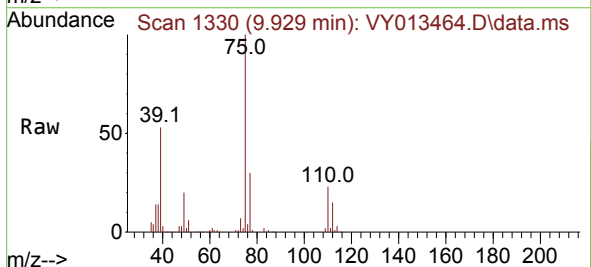
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

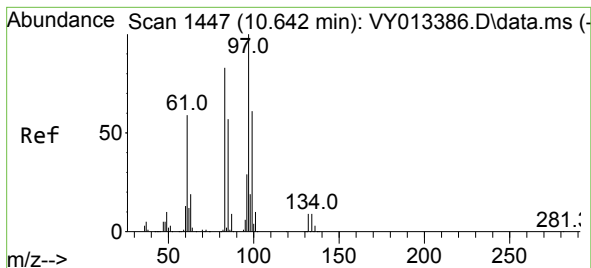
Tgt Ion: 75 Resp: 76037
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.754 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013464.D
 Acq: 26 Apr 2023 11:34

Tgt Ion: 75 Resp: 86309
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.8 37.2
 39 53.0 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 21.938 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013464.D

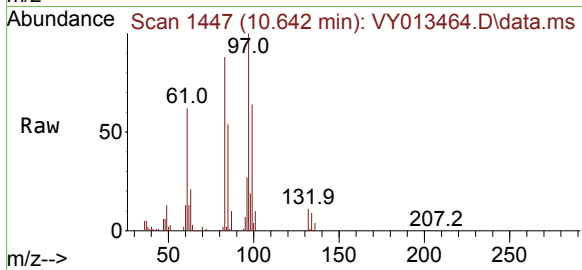
Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01



Tgt Ion: 97 Resp: 45341

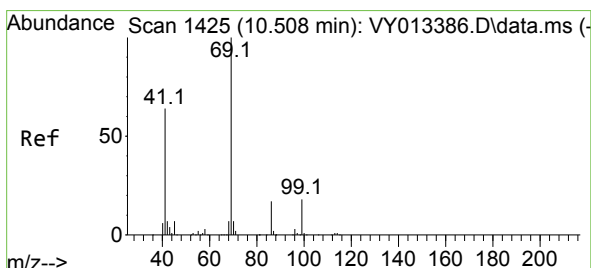
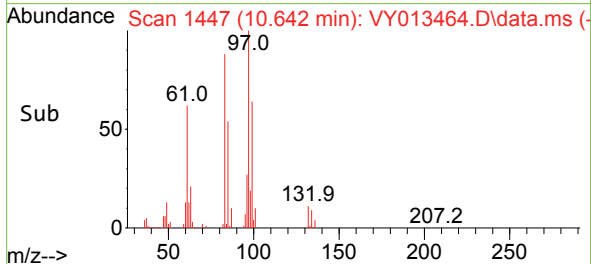
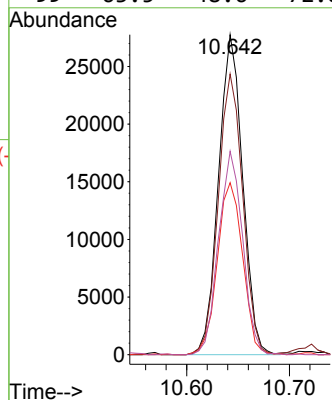
Ion Ratio Lower Upper

97 100

83 87.7 66.4 99.6

85 53.7 45.6 68.4

99 63.5 48.6 72.8



#56

Ethyl methacrylate

Concen: 20.858 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

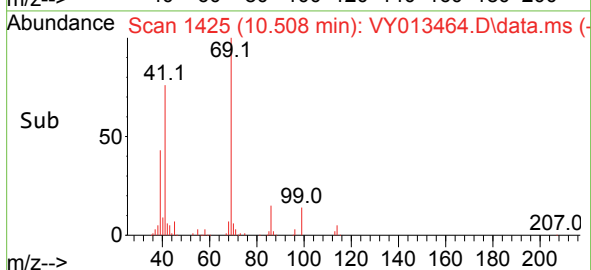
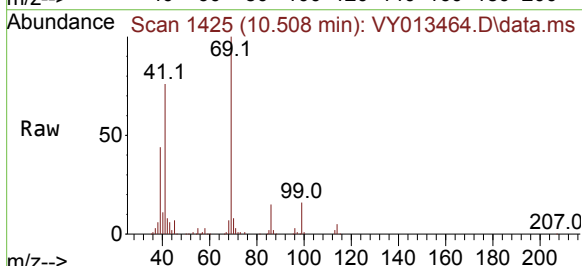
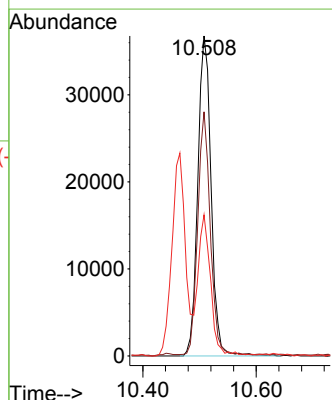
Tgt Ion: 69 Resp: 59806

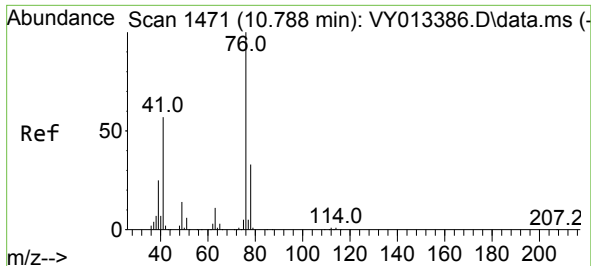
Ion Ratio Lower Upper

69 100

41 71.7 51.4 77.0

39 40.5 29.0 43.6





#57

1,3-Dichloropropane

Concen: 21.776 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

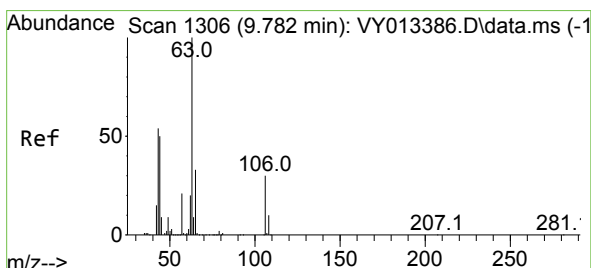
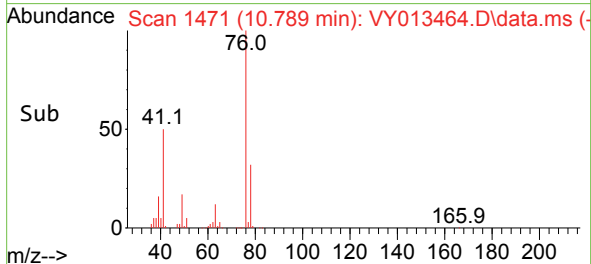
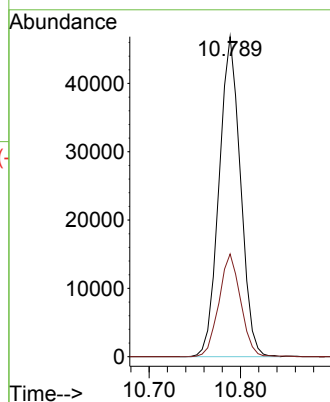
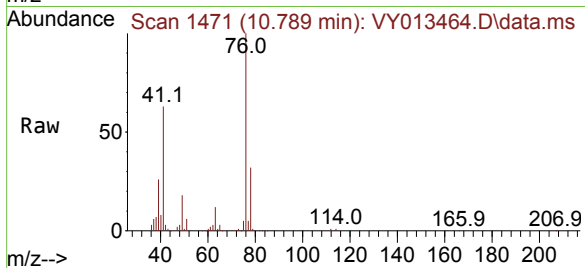
VY0426SBS01

Tgt Ion: 76 Resp: 76223

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 114.947 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013464.D

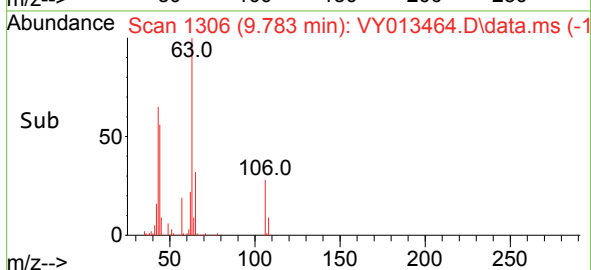
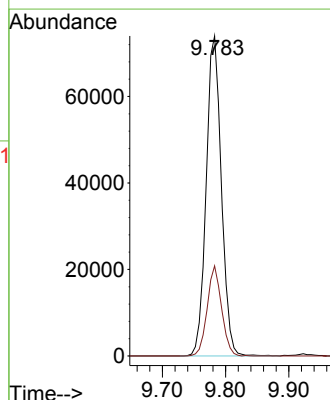
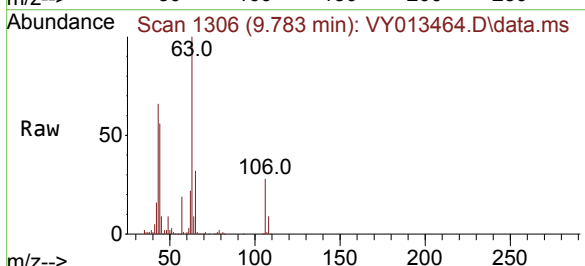
Acq: 26 Apr 2023 11:34

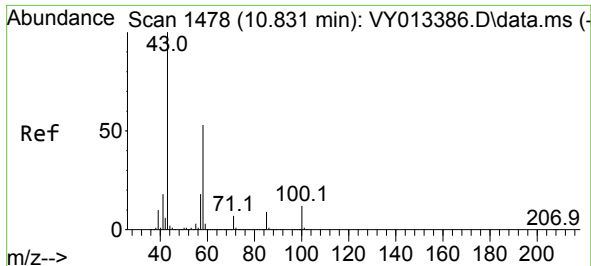
Tgt Ion: 63 Resp: 123592

Ion Ratio Lower Upper

63 100

106 26.6 23.5 35.3

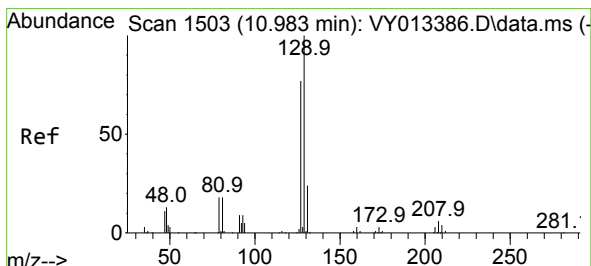
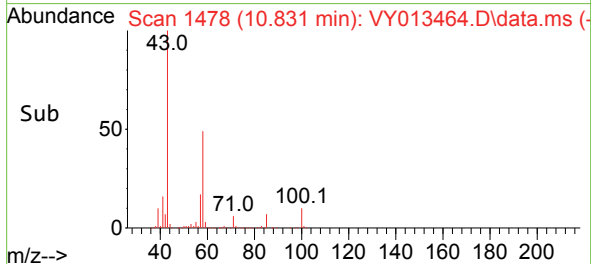
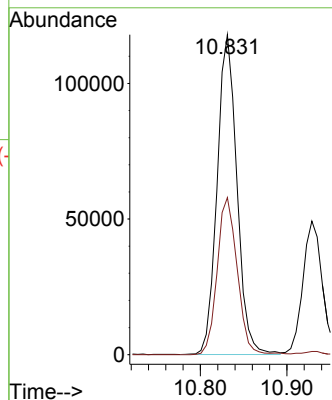
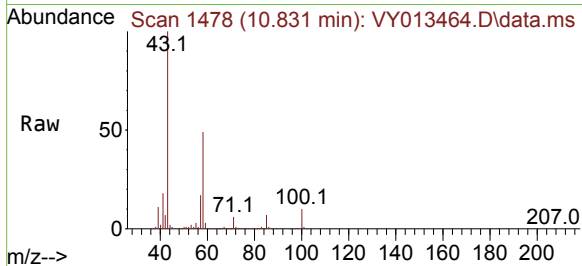




#59
2-Hexanone
Concen: 102.761 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

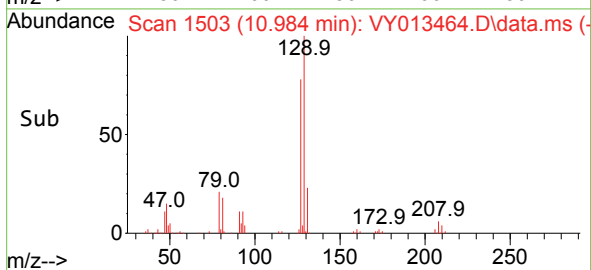
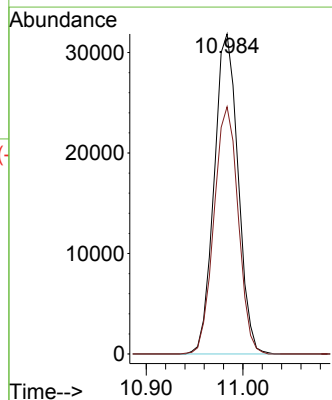
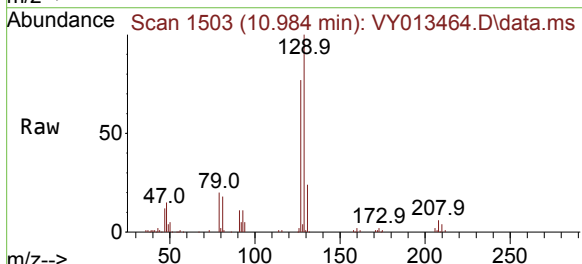
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

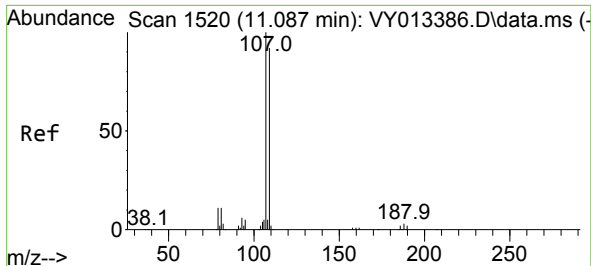
Tgt Ion: 43 Resp: 187247
Ion Ratio Lower Upper
43 100
58 49.8 26.3 78.8



#60
Dibromochloromethane
Concen: 21.746 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 129 Resp: 54573
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

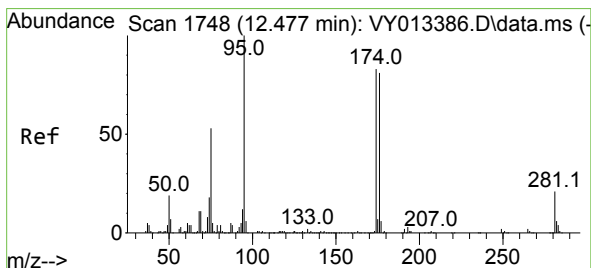
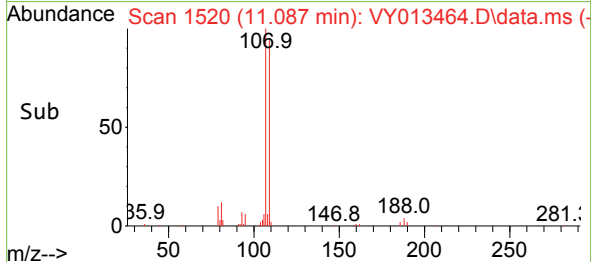
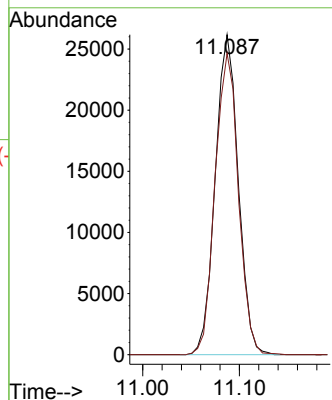
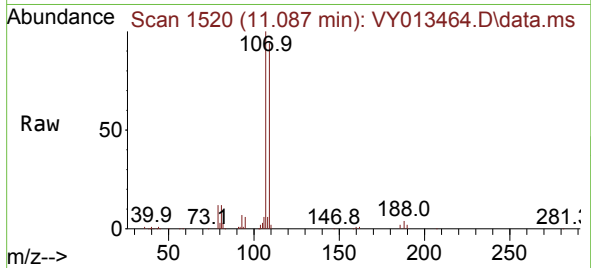




#61
1,2-Dibromoethane
Concen: 21.308 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

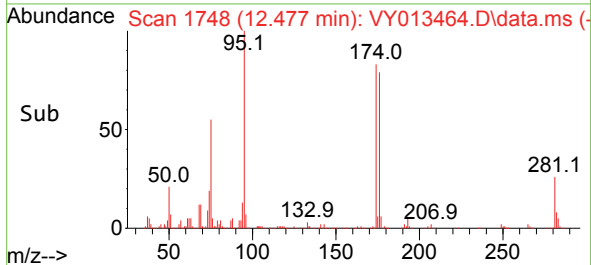
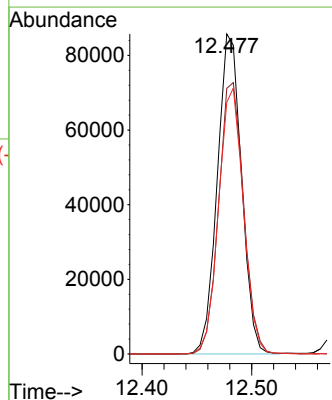
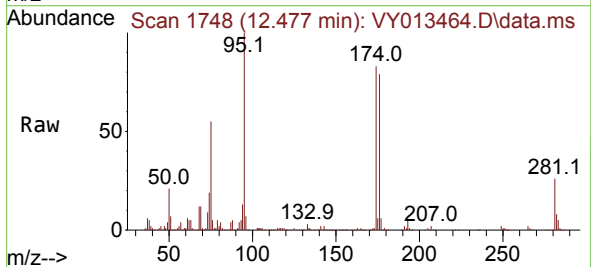
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

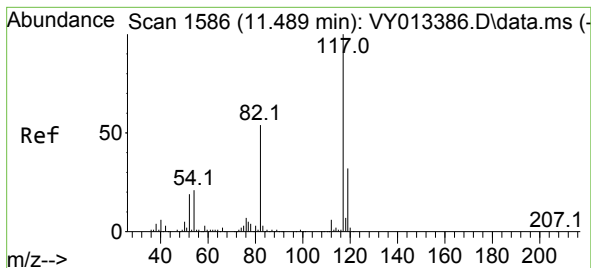
Tgt Ion:107 Resp: 43297
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.466 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 95 Resp: 131707
Ion Ratio Lower Upper
95 100
174 87.6 0.0 182.0
176 84.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

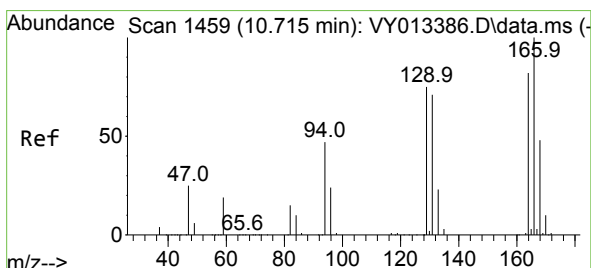
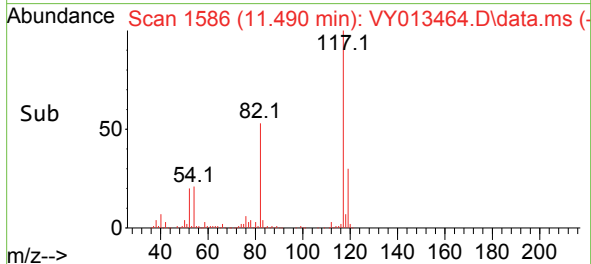
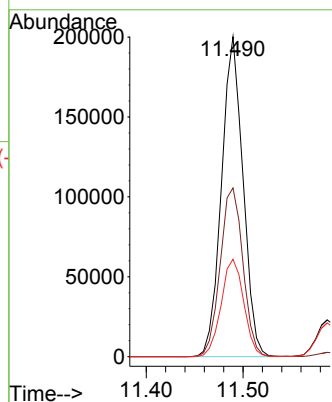
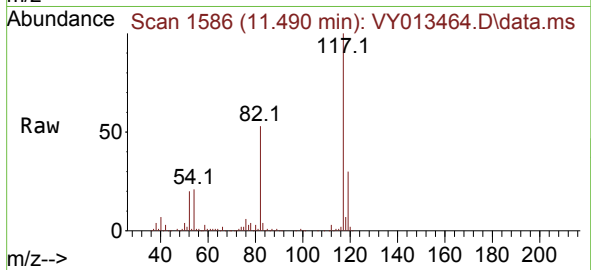
Tgt Ion:117 Resp: 308613

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.6

119 30.4 25.5 38.3



#64

Tetrachloroethene

Concen: 20.273 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Tgt Ion:164 Resp: 47574

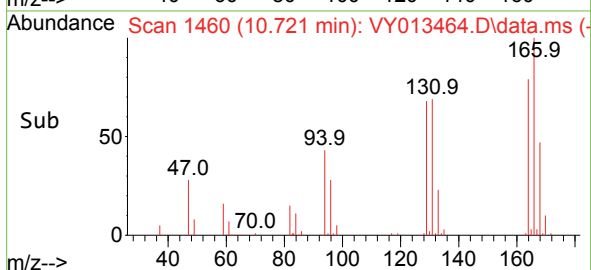
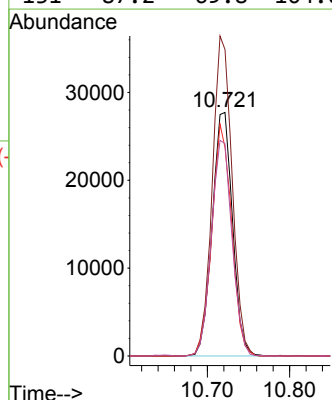
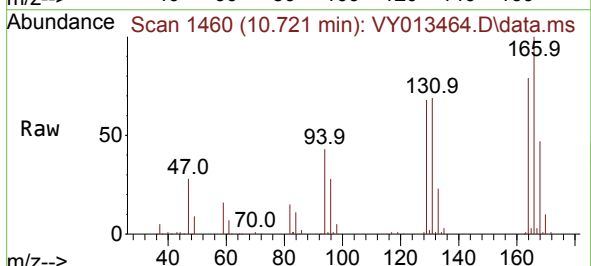
Ion Ratio Lower Upper

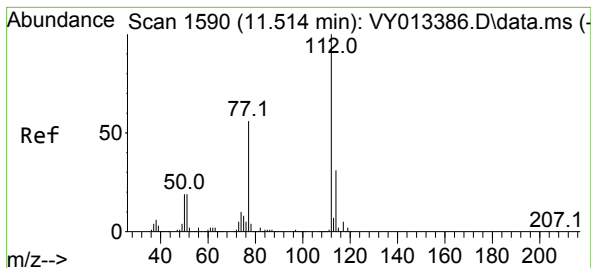
164 100

166 125.8 97.5 146.3

129 85.6 72.6 109.0

131 87.2 69.8 104.6

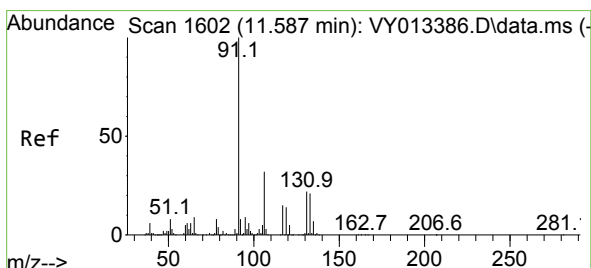
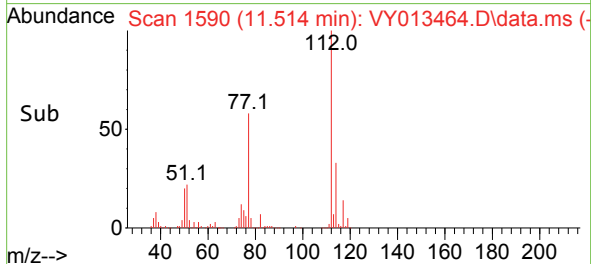
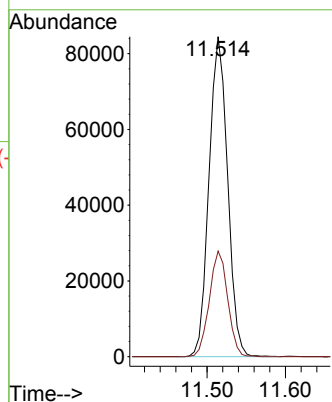
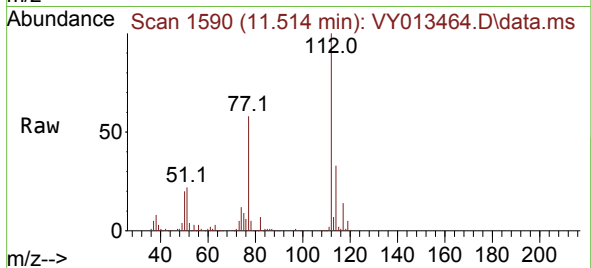




#65
Chlorobenzene
Concen: 20.667 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

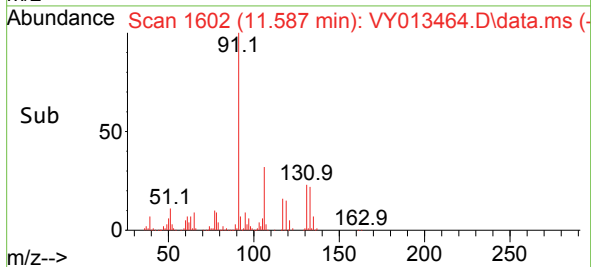
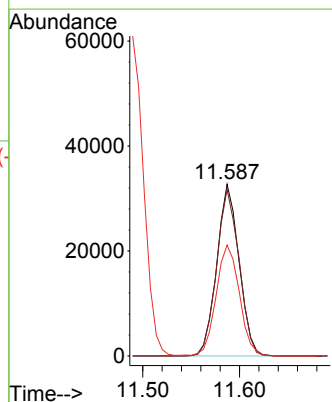
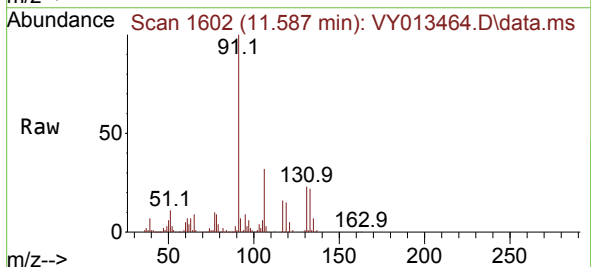
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

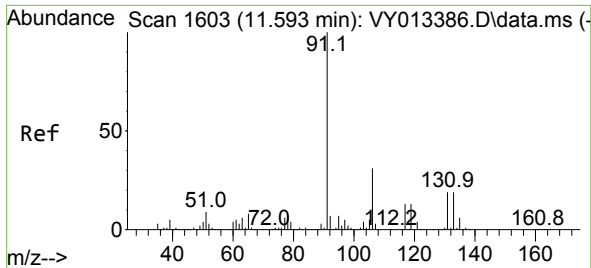
Tgt Ion:112 Resp: 138938
Ion Ratio Lower Upper
112 100
114 33.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.771 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion:131 Resp: 52224
Ion Ratio Lower Upper
131 100
133 97.7 47.7 143.1
119 67.4 32.6 98.0

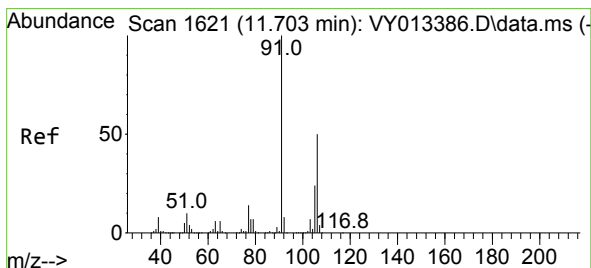
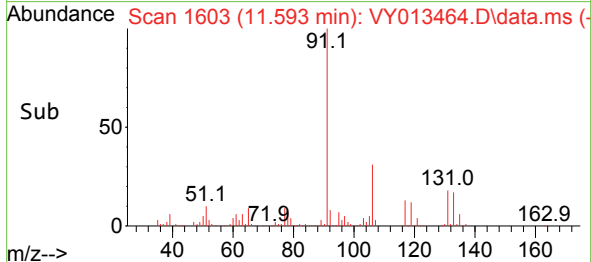
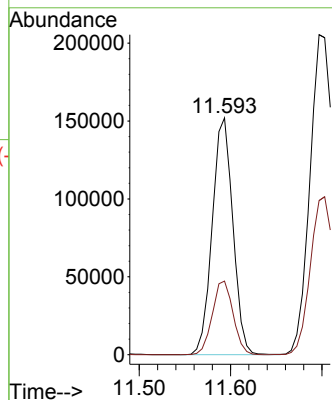
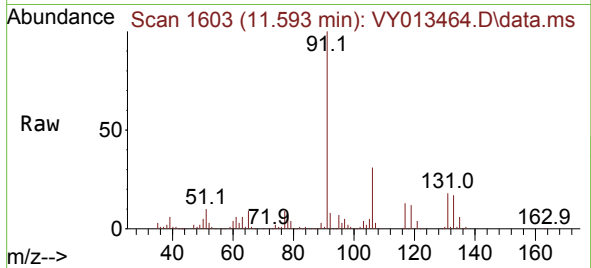




#67
Ethyl Benzene
Concen: 20.216 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

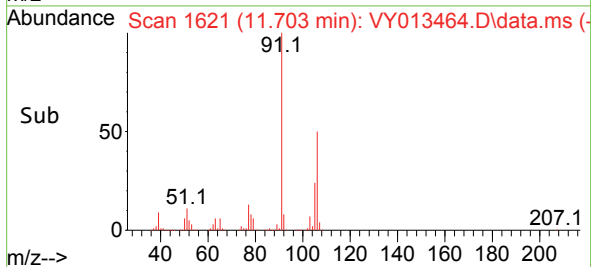
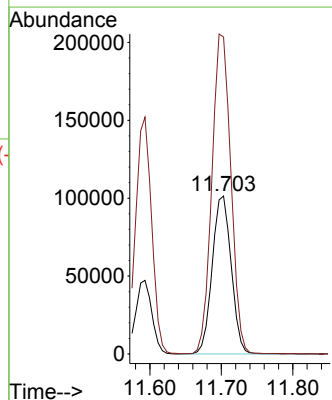
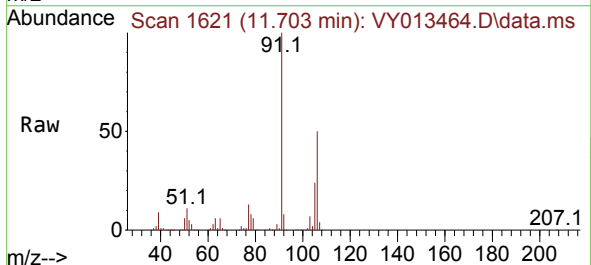
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

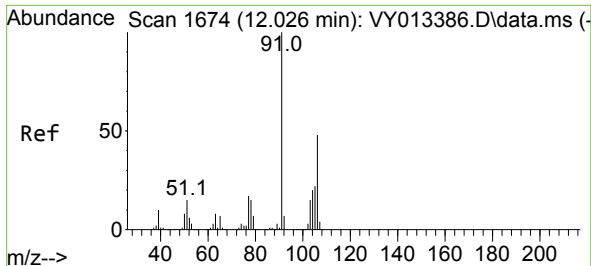
Tgt Ion: 91 Resp: 238650
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 41.668 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion:106 Resp: 186997
Ion Ratio Lower Upper
106 100
91 202.1 160.9 241.3

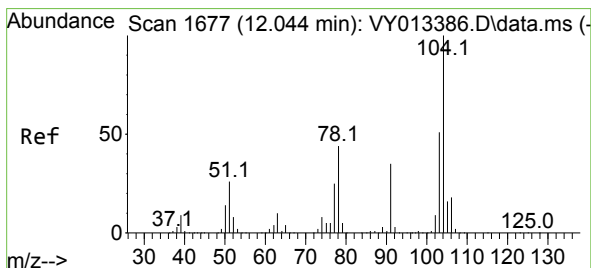
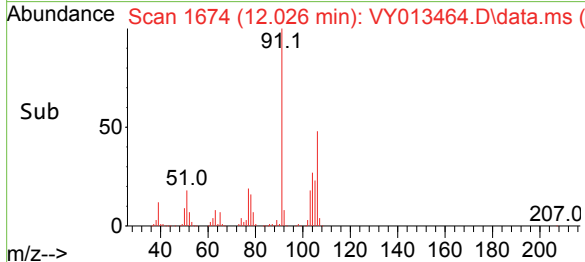
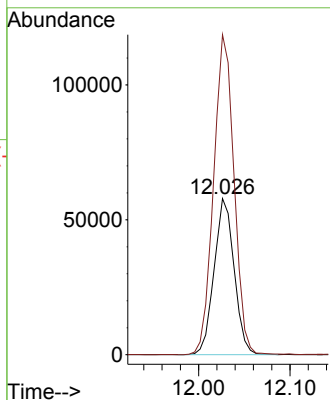
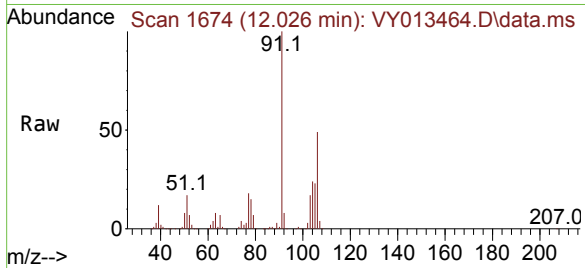




#69
o-Xylene
Concen: 20.779 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

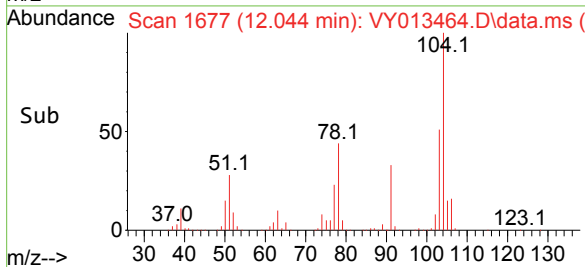
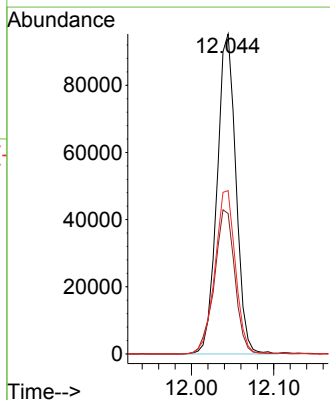
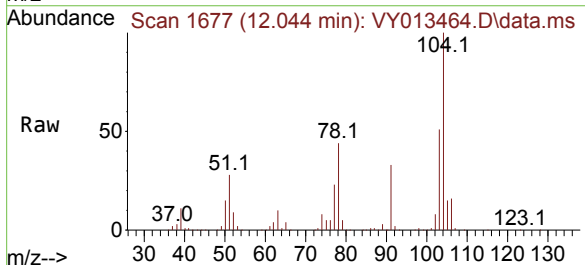
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

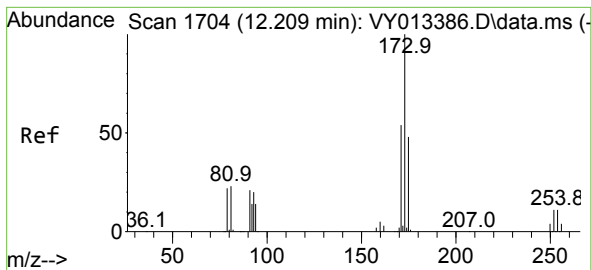
Tgt Ion:106 Resp: 88193
Ion Ratio Lower Upper
106 100
91 209.2 105.5 316.4



#70
Styrene
Concen: 21.453 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion:104 Resp: 152242
Ion Ratio Lower Upper
104 100
78 49.3 40.3 60.5
103 55.9 45.0 67.4





#71

Bromoform

Concen: 20.923 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

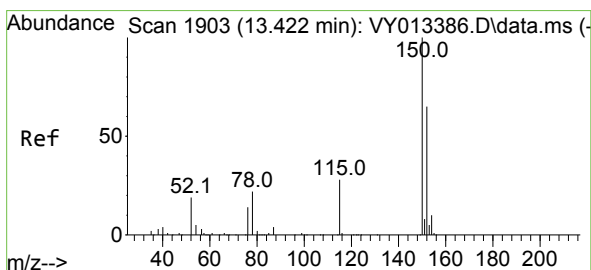
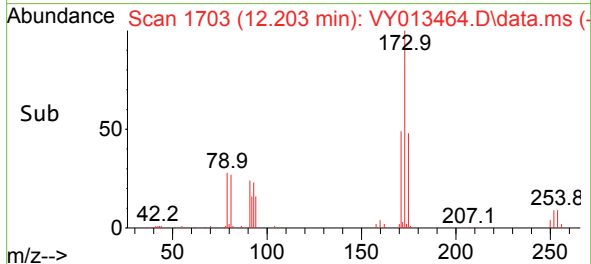
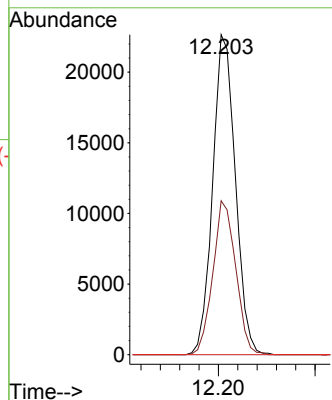
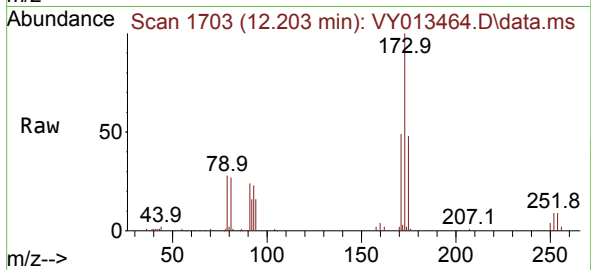
Tgt Ion:173 Resp: 36848

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.0 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: VY013464.D

Acq: 26 Apr 2023 11:34

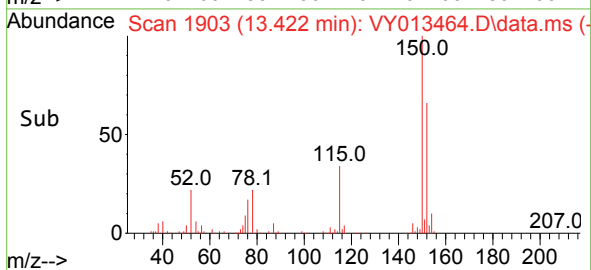
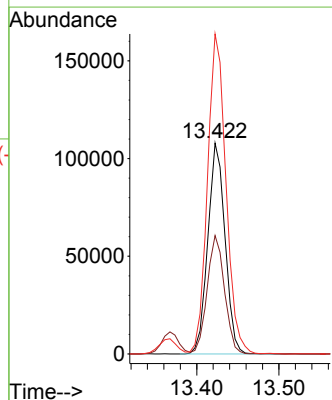
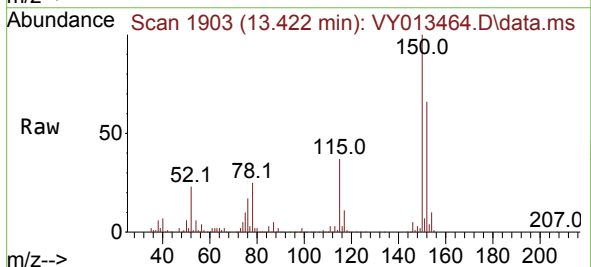
Tgt Ion:152 Resp: 156937

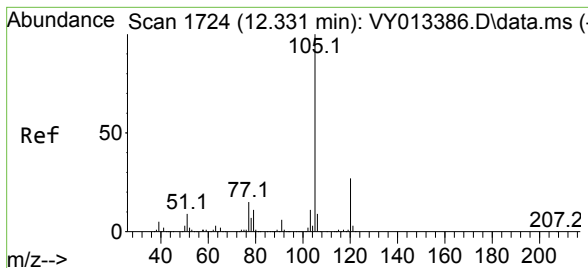
Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 162.5 0.0 352.0





#73

Isopropylbenzene

Concen: 18.837 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

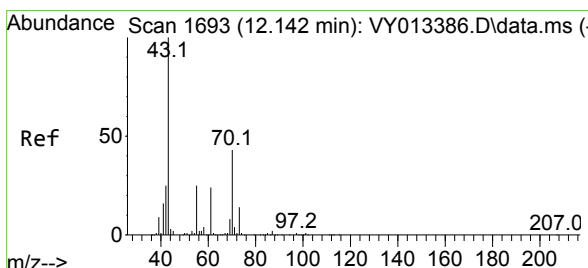
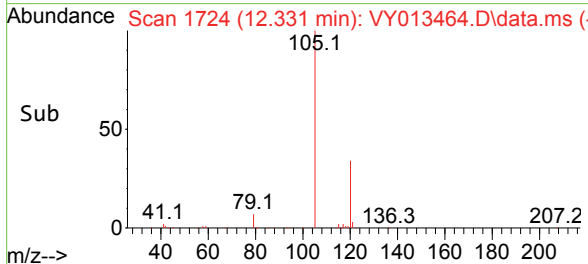
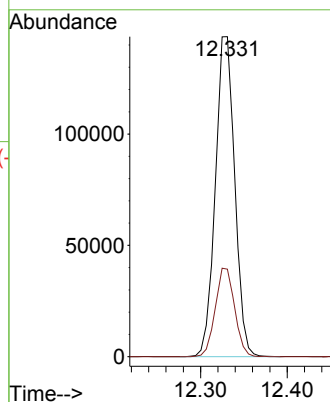
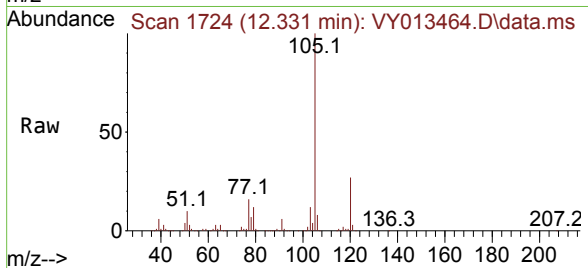
VY0426SBS01

Tgt Ion:105 Resp: 223598

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0



#74

N-ethyl acetate

Concen: 18.276 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Tgt Ion: 43 Resp: 77198

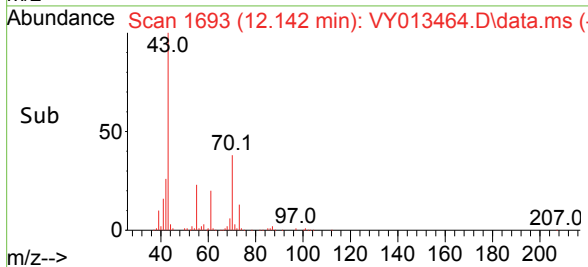
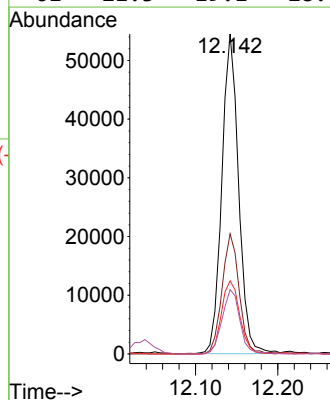
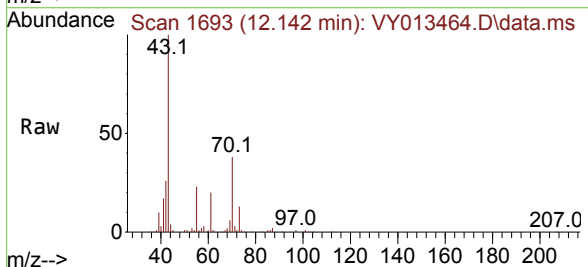
Ion Ratio Lower Upper

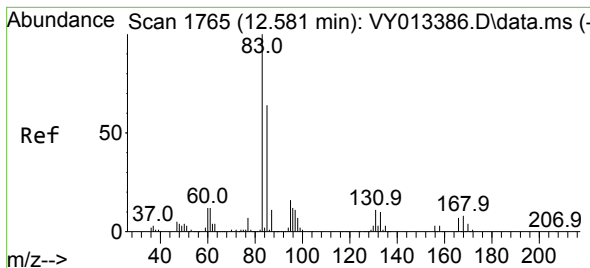
43 100

70 38.9 33.0 49.4

55 24.9 19.8 29.6

61 21.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.152 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

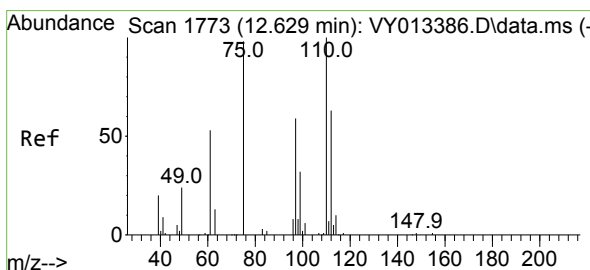
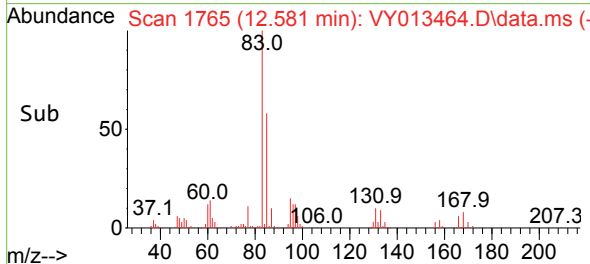
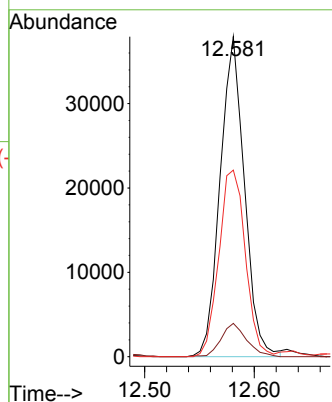
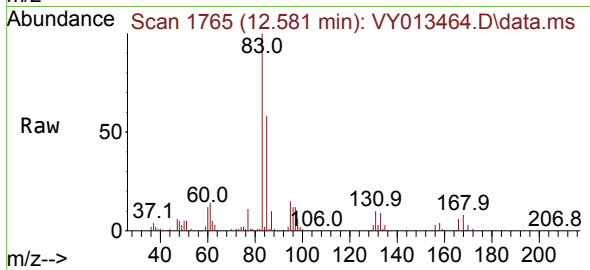
Tgt Ion: 83 Resp: 58469

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.803 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013464.D

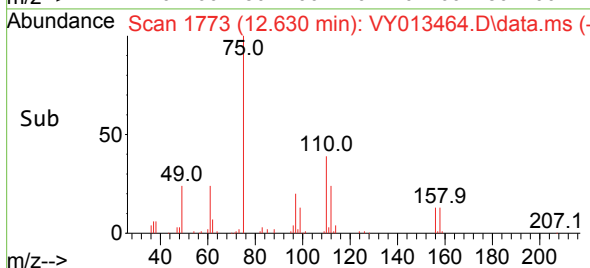
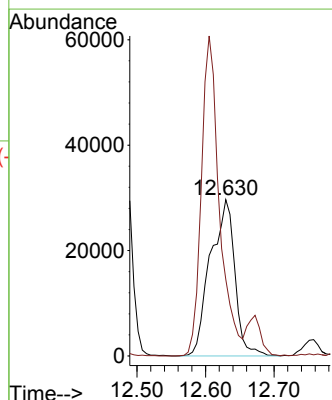
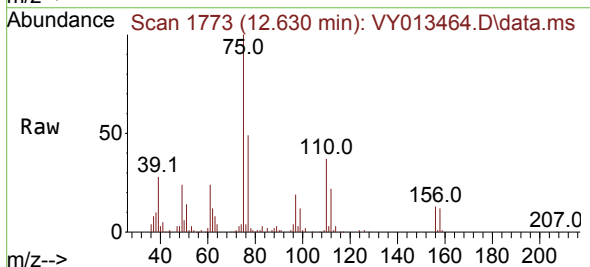
Acq: 26 Apr 2023 11:34

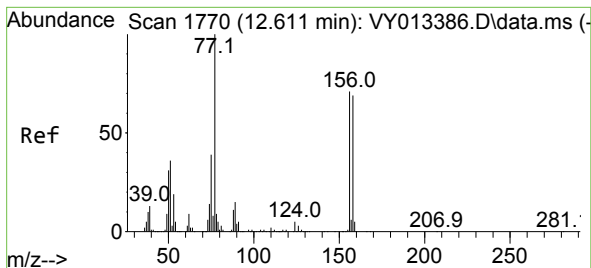
Tgt Ion: 75 Resp: 73661

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.054 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

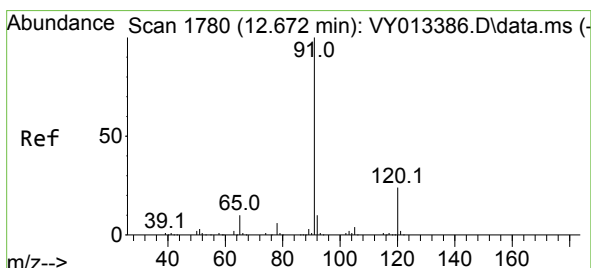
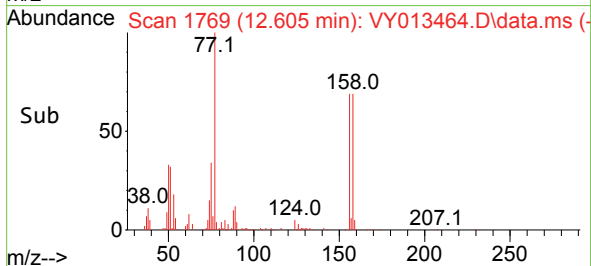
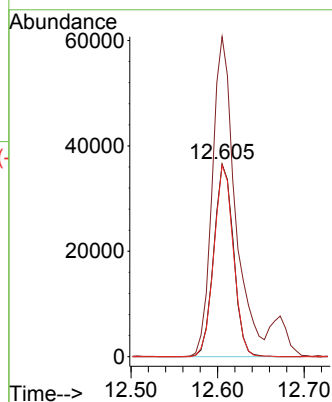
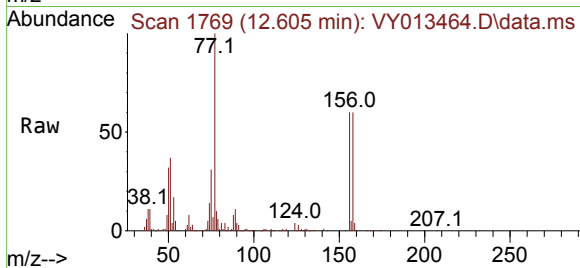
Tgt Ion:156 Resp: 57679

Ion Ratio Lower Upper

156 100

77 193.4 87.6 262.9

158 98.7 48.5 145.5



#78

n-propylbenzene

Concen: 19.426 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013464.D

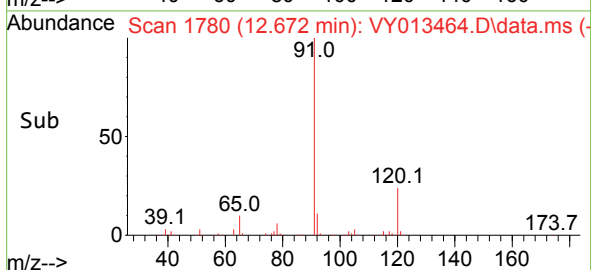
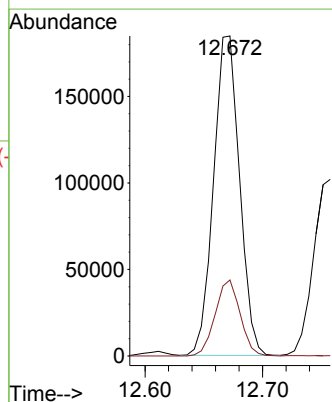
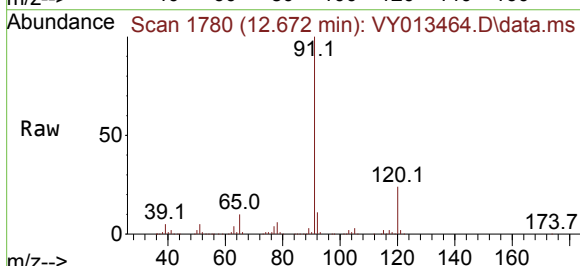
Acq: 26 Apr 2023 11:34

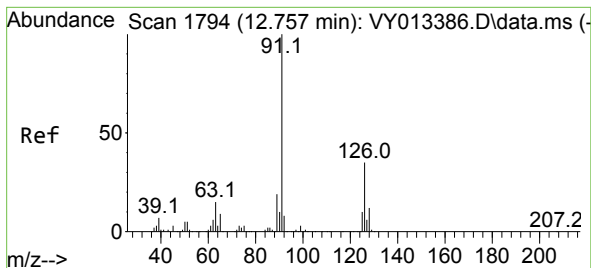
Tgt Ion: 91 Resp: 284025

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 19.917 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

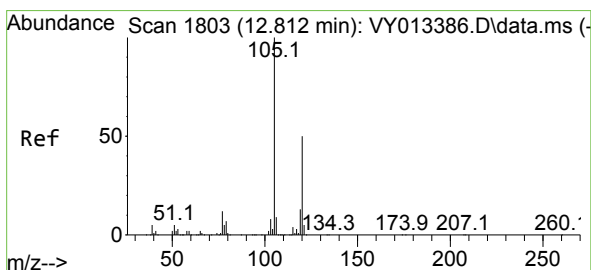
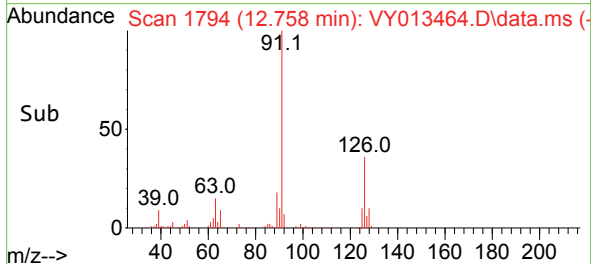
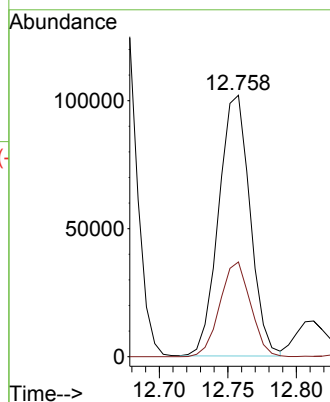
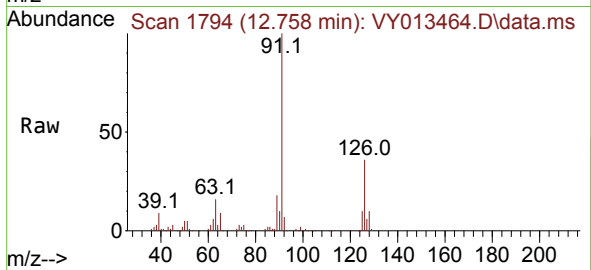
VY0426SBS01

Tgt Ion: 91 Resp: 162618

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 20.015 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013464.D

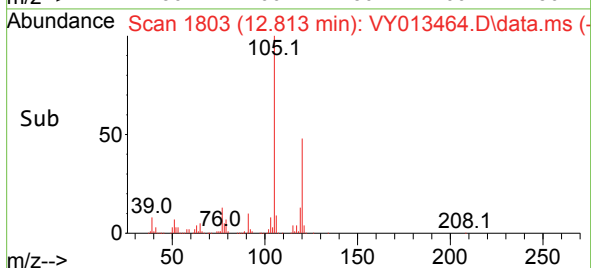
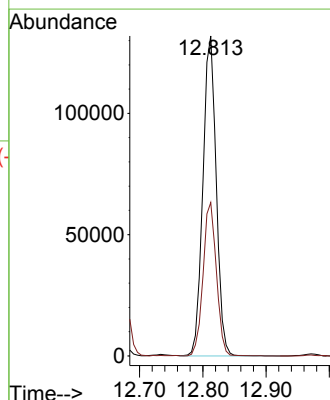
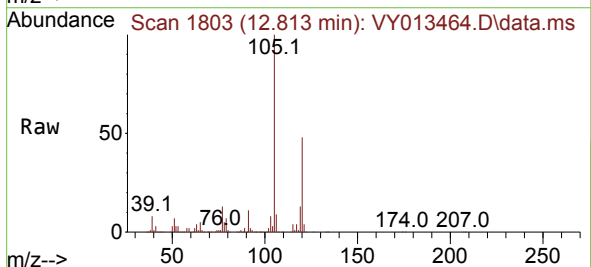
Acq: 26 Apr 2023 11:34

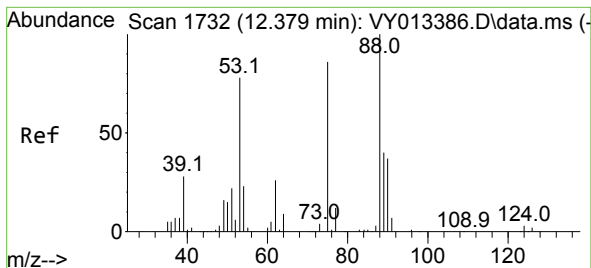
Tgt Ion: 105 Resp: 193910

Ion Ratio Lower Upper

105 100

120 47.9 24.7 74.1

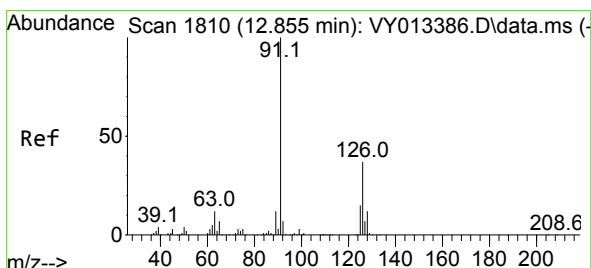
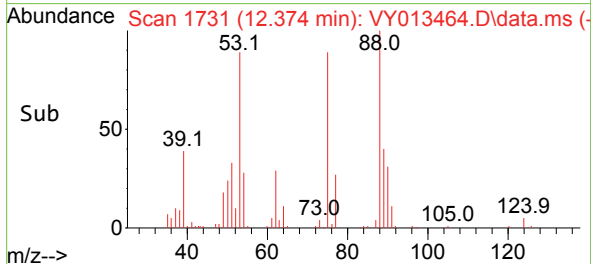
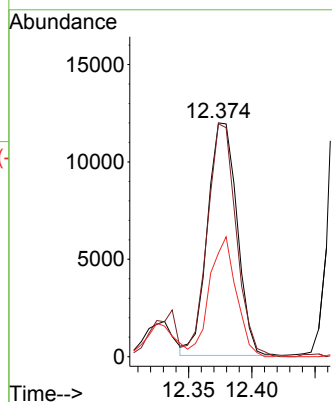
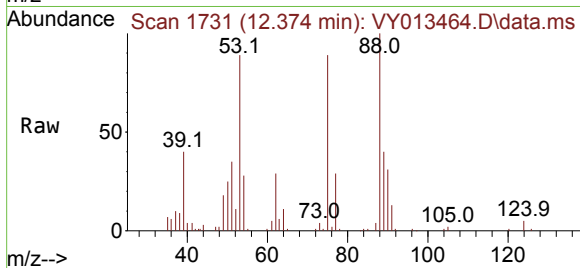




#81
trans-1,4-Dichloro-2-butene
Concen: 18.800 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

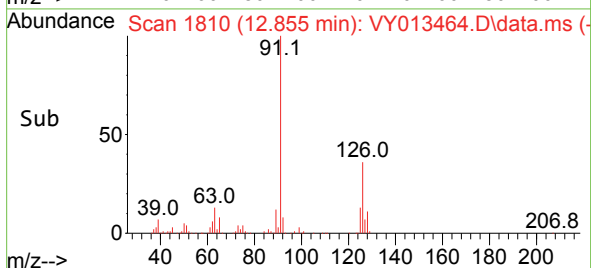
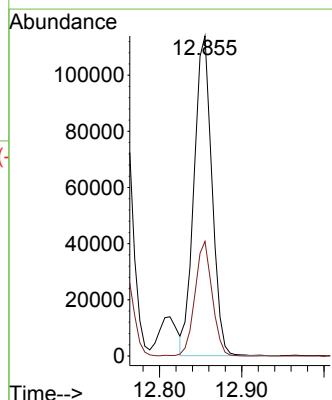
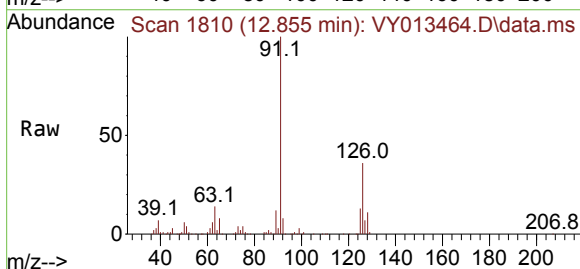
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

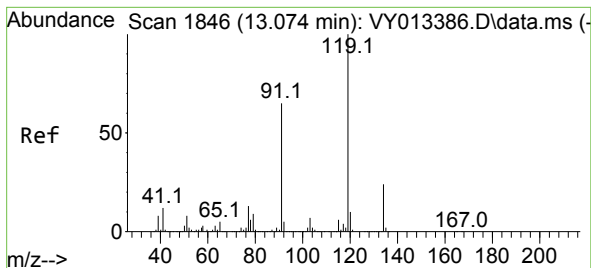
Tgt Ion: 75 Resp: 19452
Ion Ratio Lower Upper
75 100
53 97.8 73.2 109.8
89 46.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 20.162 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion: 91 Resp: 171573
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.366 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

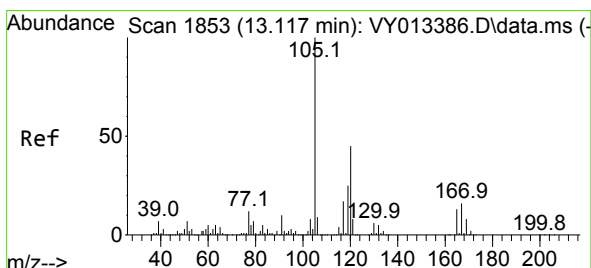
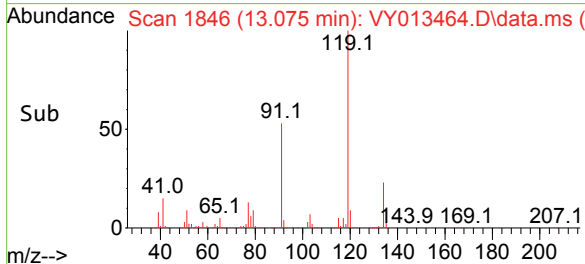
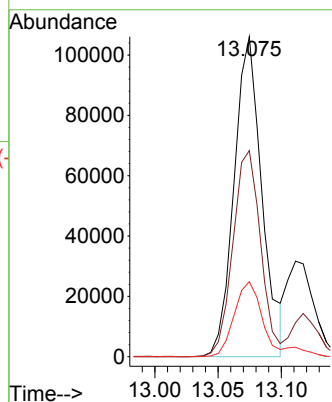
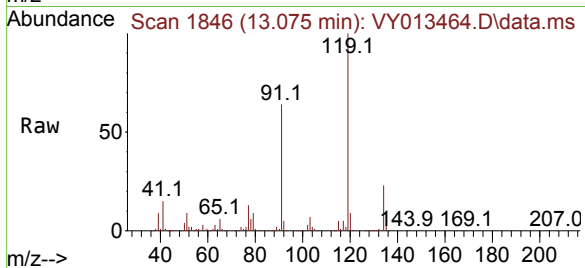
Tgt Ion:119 Resp: 162550

Ion Ratio Lower Upper

119 100

91 64.2 32.2 96.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.316 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013464.D

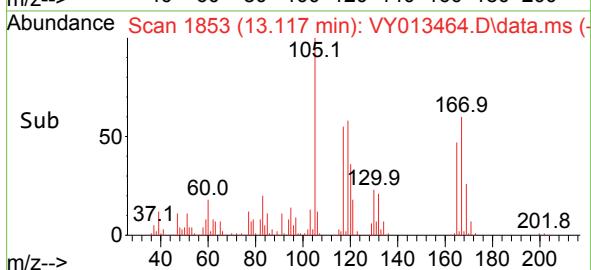
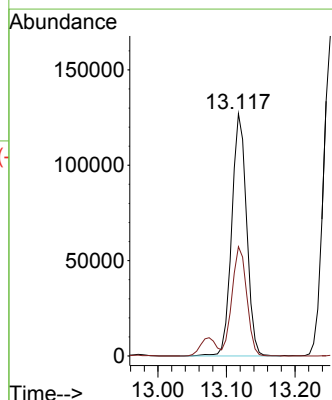
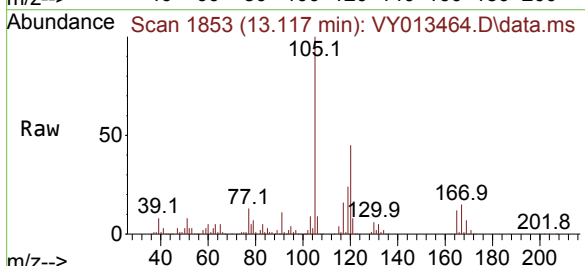
Acq: 26 Apr 2023 11:34

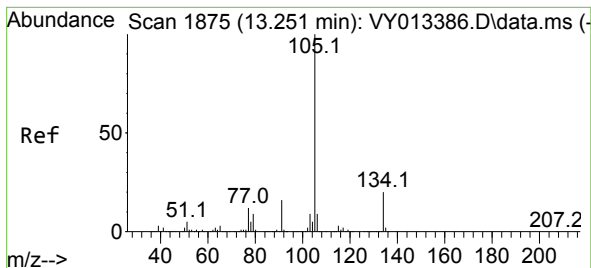
Tgt Ion:105 Resp: 191365

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.216 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

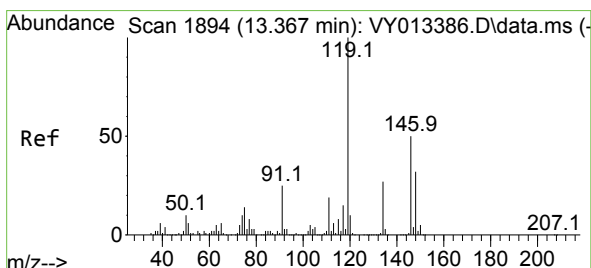
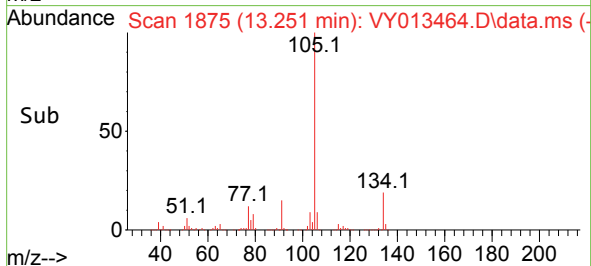
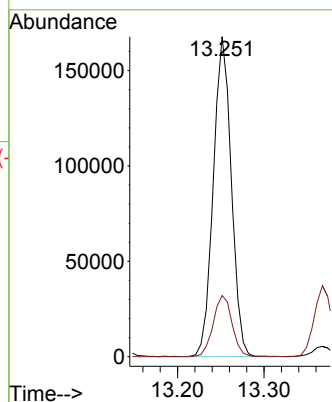
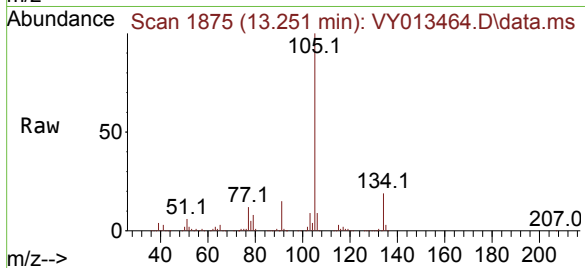
VY0426SBSD01

Tgt Ion:105 Resp: 242074

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.400 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

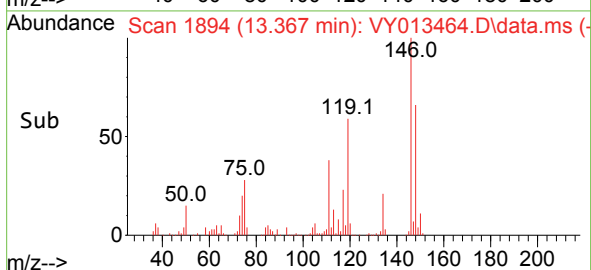
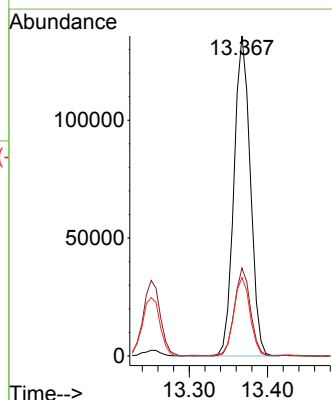
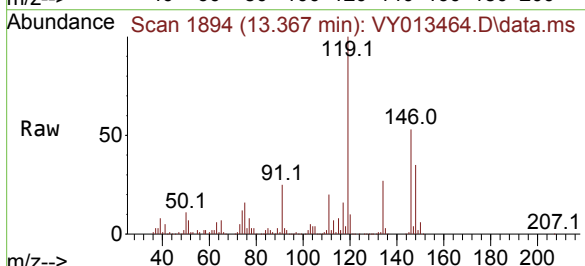
Tgt Ion:119 Resp: 196528

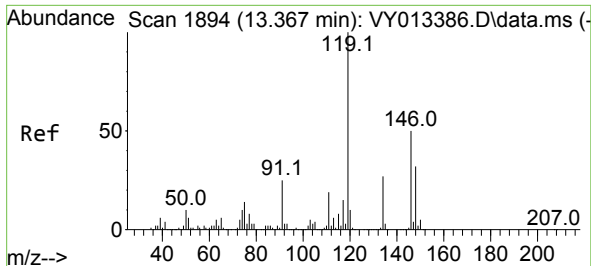
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.4 12.1 36.3

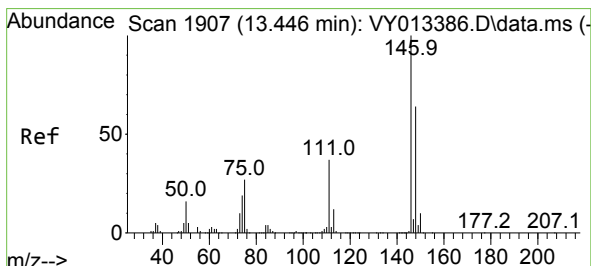
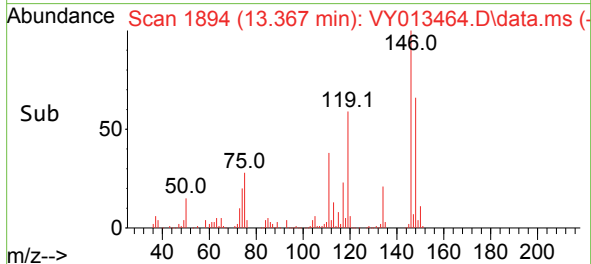
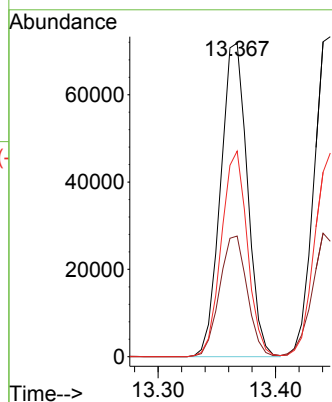
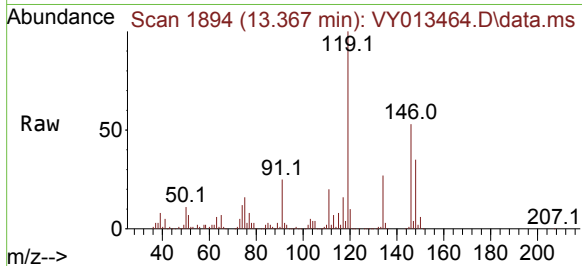




#87
1,3-Dichlorobenzene
Concen: 20.762 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

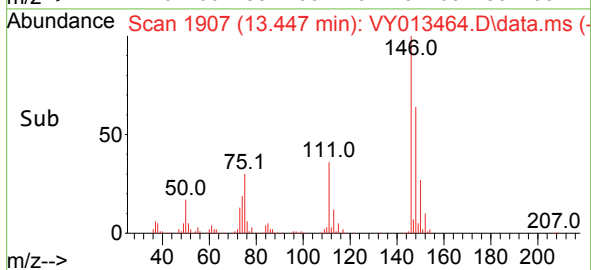
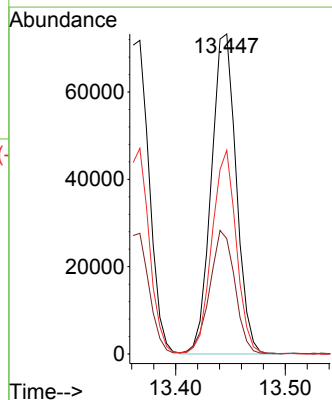
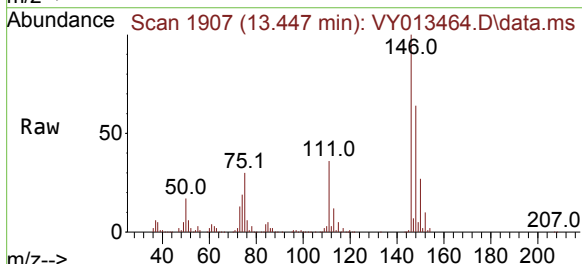
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBS01

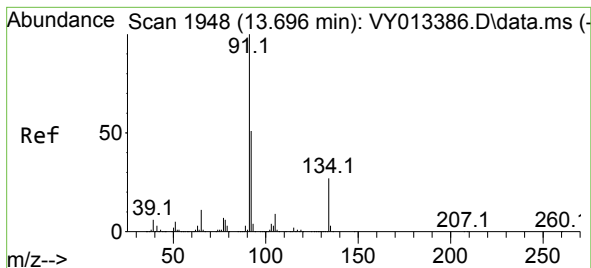
Tgt Ion:146 Resp: 113769
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.975 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013464.D
Acq: 26 Apr 2023 11:34

Tgt Ion:146 Resp: 116105
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.5
148 62.0 31.9 95.5





#89

n-Butylbenzene

Concen: 18.791 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

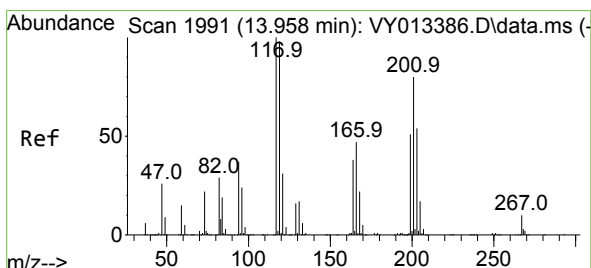
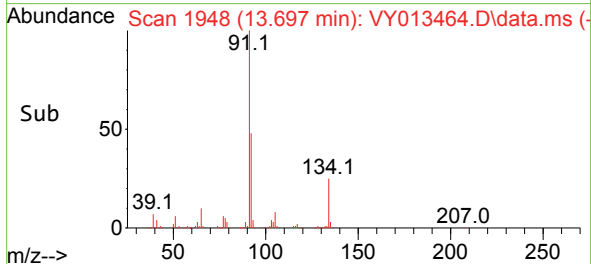
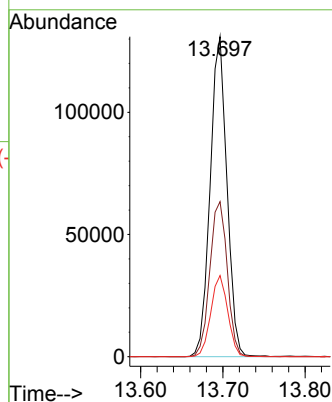
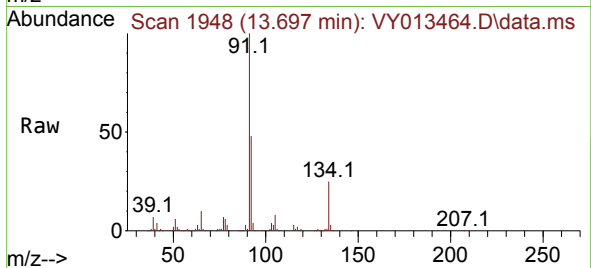
Tgt Ion: 91 Resp: 185798

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.3

134 25.6 13.5 40.4



#90

Hexachloroethane

Concen: 19.415 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013464.D

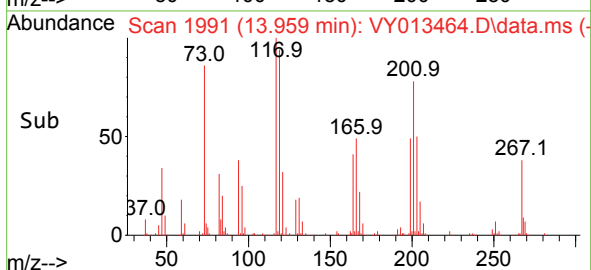
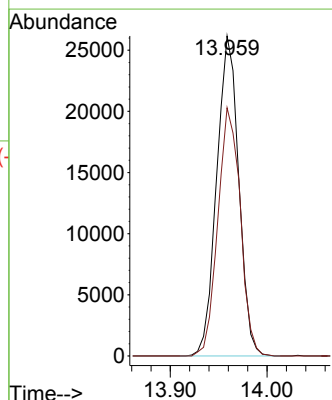
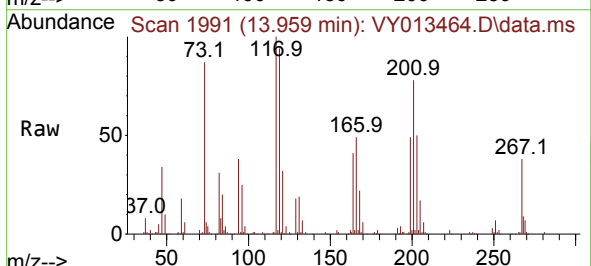
Acq: 26 Apr 2023 11:34

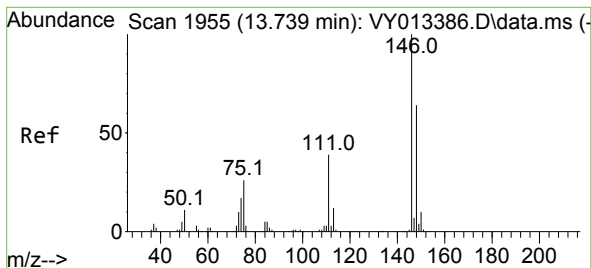
Tgt Ion: 117 Resp: 41394

Ion Ratio Lower Upper

117 100

201 78.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.803 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBSD01

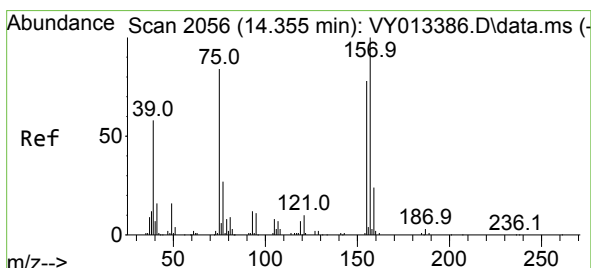
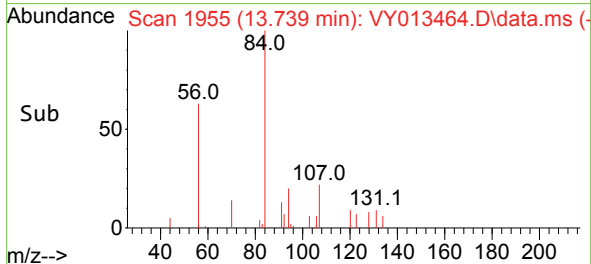
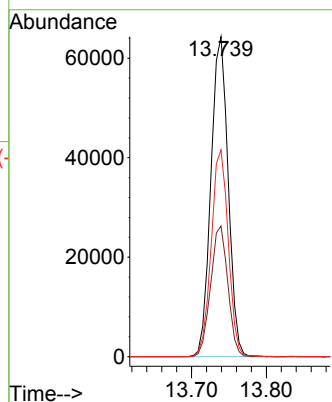
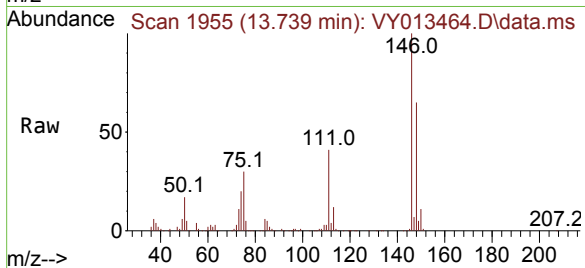
Tgt Ion:146 Resp: 102939

Ion Ratio Lower Upper

146 100

111 40.8 19.8 59.4

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.466 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

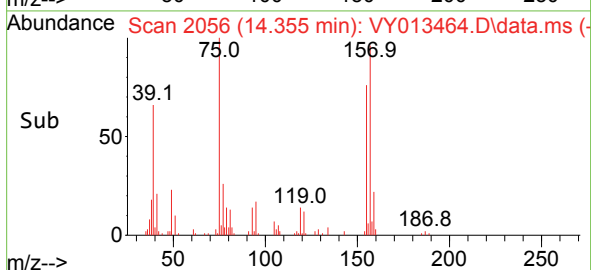
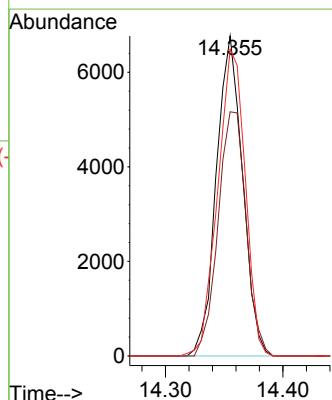
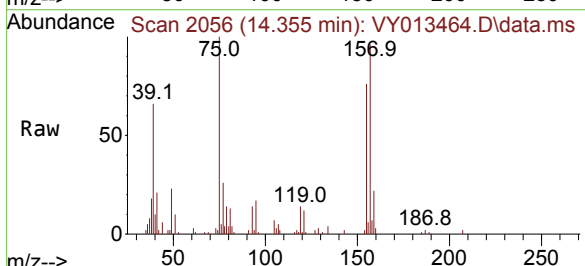
Tgt Ion: 75 Resp: 10487

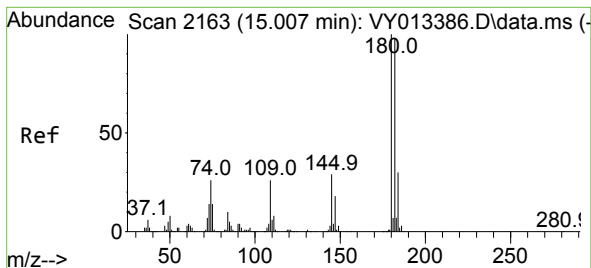
Ion Ratio Lower Upper

75 100

155 81.4 44.6 134.0

157 100.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 20.600 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

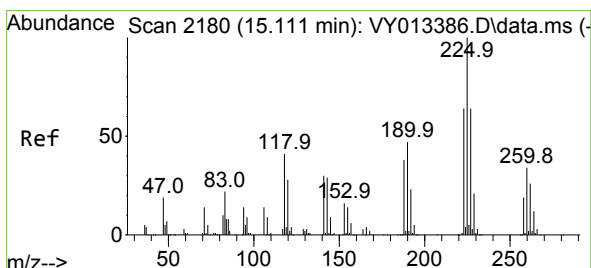
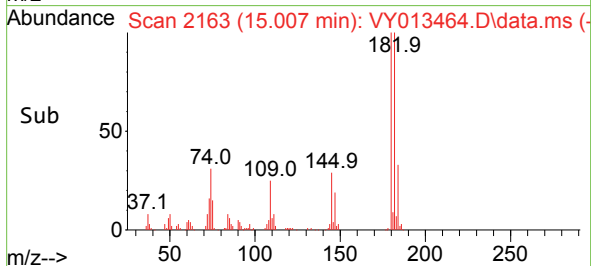
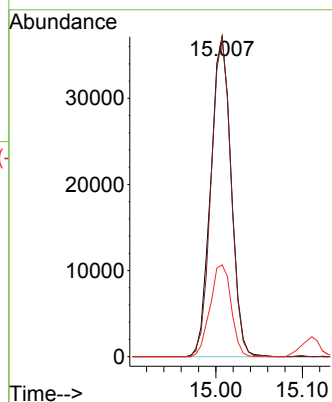
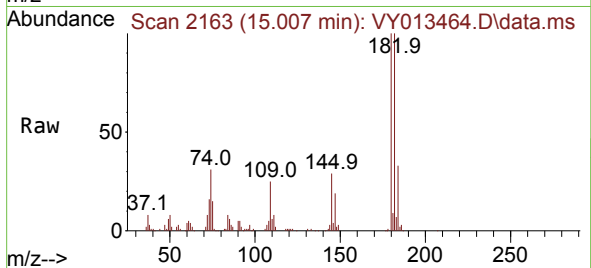
Tgt Ion:180 Resp: 60775

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.5

145 29.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.719 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

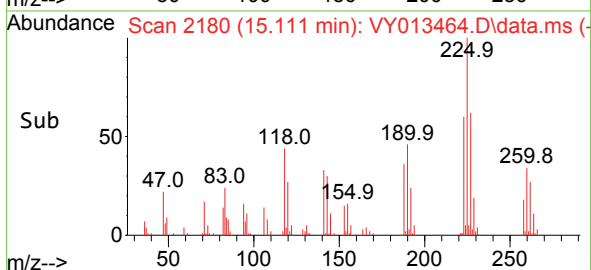
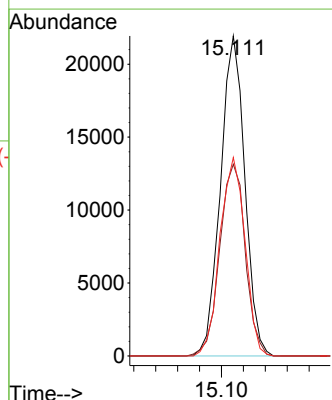
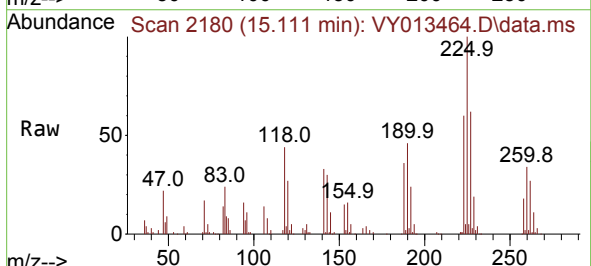
Tgt Ion:225 Resp: 33856

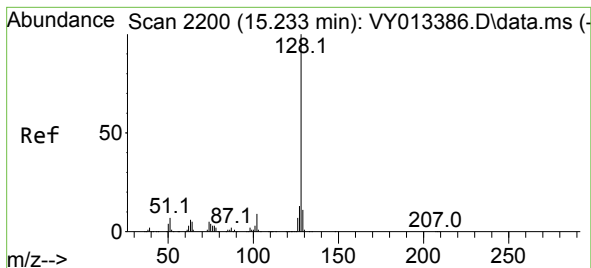
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.8 32.0 96.0





#95

Naphthalene

Concen: 19.834 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBS01

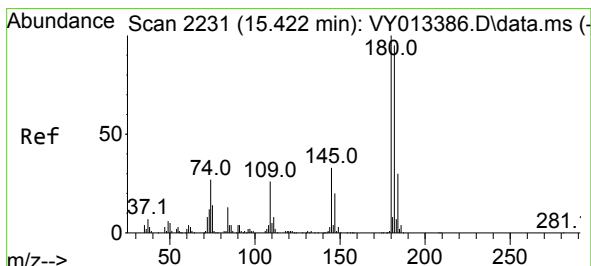
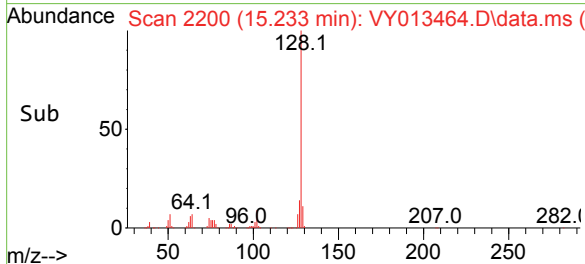
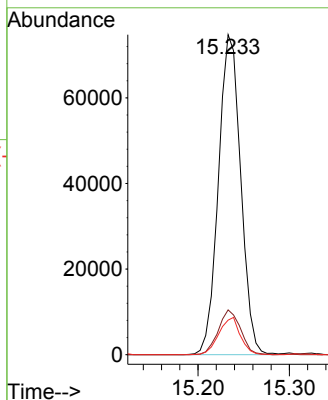
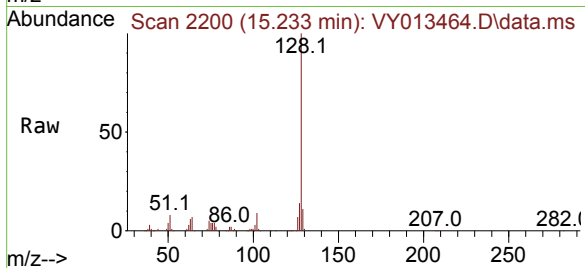
Tgt Ion:128 Resp: 126960

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.359 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013464.D

Acq: 26 Apr 2023 11:34

Tgt Ion:180 Resp: 56162

Ion Ratio Lower Upper

180 100

182 93.7 47.1 141.3

145 31.3 15.9 47.7

