

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013484.D
 Acq On : 26 Apr 2023 19:22
 Operator : KP/MD
 Sample : 02401-03MSD
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MSD

Quant Time: Apr 27 01:37:41 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	140401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86759	56.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.740%
35) Dibromofluoromethane	7.716	113	75559	52.896	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.800%
50) Toluene-d8	10.179	98	234122	46.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.477	95	67106	39.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	82885	62.097	ug/l	99
3) Chloromethane	2.113	50	116157	64.922	ug/l	99
4) Vinyl Chloride	2.253	62	112956	63.407	ug/l	98
5) Bromomethane	2.656	94	81920	57.705	ug/l	96
6) Chloroethane	2.796	64	77445	62.928	ug/l	96
7) Trichlorofluoromethane	3.131	101	148469	55.014	ug/l	100
8) Diethyl Ether	3.534	74	51759	56.321	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	75496	49.873	ug/l	95
10) Methyl Iodide	4.094	142	77547	40.787	ug/l	98
11) Tert butyl alcohol	4.984	59	44841	258.643	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	78011	53.463	ug/l	84
13) Acrolein	3.735	56	601	Below Cal		84
14) Allyl chloride	4.478	41	109536	40.457	ug/l	96
15) Acrylonitrile	5.167	53	156684	304.431	ug/l	100
16) Acetone	3.954	43	171113	282.311	ug/l	95
17) Carbon Disulfide	4.192	76	268915	56.735	ug/l	98
18) Methyl Acetate	4.478	43	169178	84.510	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	258275	61.310	ug/l	98
20) Methylene Chloride	4.716	84	101769	54.291	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	83015	52.034	ug/l	97
22) Diisopropyl ether	6.118	45	327813	61.945	ug/l	97
23) Vinyl Acetate	6.064	43	661139	220.652	ug/l	96
24) 1,1-Dichloroethane	6.021	63	176245	59.756	ug/l	99
25) 2-Butanone	6.984	43	237834	309.403	ug/l	93
26) 2,2-Dichloropropane	6.978	77	139395	54.848	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	99511	56.453	ug/l	93
28) Bromochloromethane	7.332	49	62571	59.783	ug/l #	78
29) Tetrahydrofuran	7.350	42	155734	325.469	ug/l	89
30) Chloroform	7.502	83	176353	60.139	ug/l	97
31) Cyclohexane	7.783	56	114182	41.436	ug/l	85
32) 1,1,1-Trichloroethane	7.697	97	147821	56.490	ug/l	96
36) 1,1-Dichloropropene	7.917	75	121819	51.386	ug/l	96
37) Ethyl Acetate	7.076	43	101577	56.937	ug/l	95
38) Carbon Tetrachloride	7.905	117	113739	45.775	ug/l	97
39) Methylcyclohexane	9.185	83	87358	31.257	ug/l	97
40) Benzene	8.161	78	370966	55.551	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	143816	172.992	ug/l #	34
42) 1,2-Dichloroethane	8.234	62	128862	59.023	ug/l	99
43) Isopropyl Acetate	8.270	43	182069	60.463	ug/l	94
44) Trichloroethene	8.941	130	90027	50.681	ug/l	96
45) 1,2-Dichloropropane	9.215	63	100129	57.346	ug/l	99
46) Dibromomethane	9.301	93	60959	58.349	ug/l	90
47) Bromodichloromethane	9.496	83	132056	56.490	ug/l	98
48) Methyl methacrylate	9.295	41	90518	65.452	ug/l	92
49) 1,4-Dioxane	9.313	88	13180	883.326	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	545092	324.846	ug/l	95
52) Toluene	10.246	92	208116	51.788	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	121225	48.998	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	132716	47.672	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	81247	58.725	ug/l	96
56) Ethyl methacrylate	10.508	69	114464	59.634	ug/l	87
57) 1,3-Dichloropropane	10.788	76	137050	58.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	195245	271.265	ug/l	92
59) 2-Hexanone	10.831	43	389560	319.371	ug/l	95
60) Dibromochloromethane	10.983	129	90439	53.835	ug/l	98
61) 1,2-Dibromoethane	11.087	107	75674	55.633	ug/l	100
64) Tetrachloroethene	10.721	164	70327	51.857	ug/l	90
65) Chlorobenzene	11.514	112	202996	52.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	80788	55.600	ug/l	99
67) Ethyl Benzene	11.593	91	339576	49.775	ug/l	99
68) m/p-Xylenes	11.703	106	246275	94.958	ug/l	97
69) o-Xylene	12.032	106	127449	51.960	ug/l	96
70) Styrene	12.044	104	190622	46.480	ug/l	97
71) Bromoform	12.209	173	55612	54.641	ug/l #	99
73) Isopropylbenzene	12.331	105	258819	60.541	ug/l	98
74) N-amyl acetate	12.142	43	83074	54.606	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	98609	94.367	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	113262	148.586	ug/l #	100
77) Bromobenzene	12.605	156	72319	69.814	ug/l	84
78) n-propylbenzene	12.672	91	273836	52.003	ug/l	97
79) 2-Chlorotoluene	12.757	91	174243	59.255	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	176993	50.724	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	22331	59.926	ug/l	91
82) 4-Chlorotoluene	12.855	91	178728	58.314	ug/l	96
83) tert-Butylbenzene	13.075	119	135804	44.923	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	178675	52.668	ug/l	98
85) sec-Butylbenzene	13.251	105	170700	37.624	ug/l	98
86) p-Isopropyltoluene	13.367	119	133008	36.455	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	96199	48.745	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	100125	50.224	ug/l	97
89) n-Butylbenzene	13.696	91	108352	30.427	ug/l	98
90) Hexachloroethane	13.958	117	19990	26.032	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	91521	51.354	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14757	79.962	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	23008	21.654	ug/l #	83
94) Hexachlorobutadiene	15.111	225	7538	12.190	ug/l	98
95) Naphthalene	15.233	128	129810	56.307	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	18686	19.731	ug/l #	85

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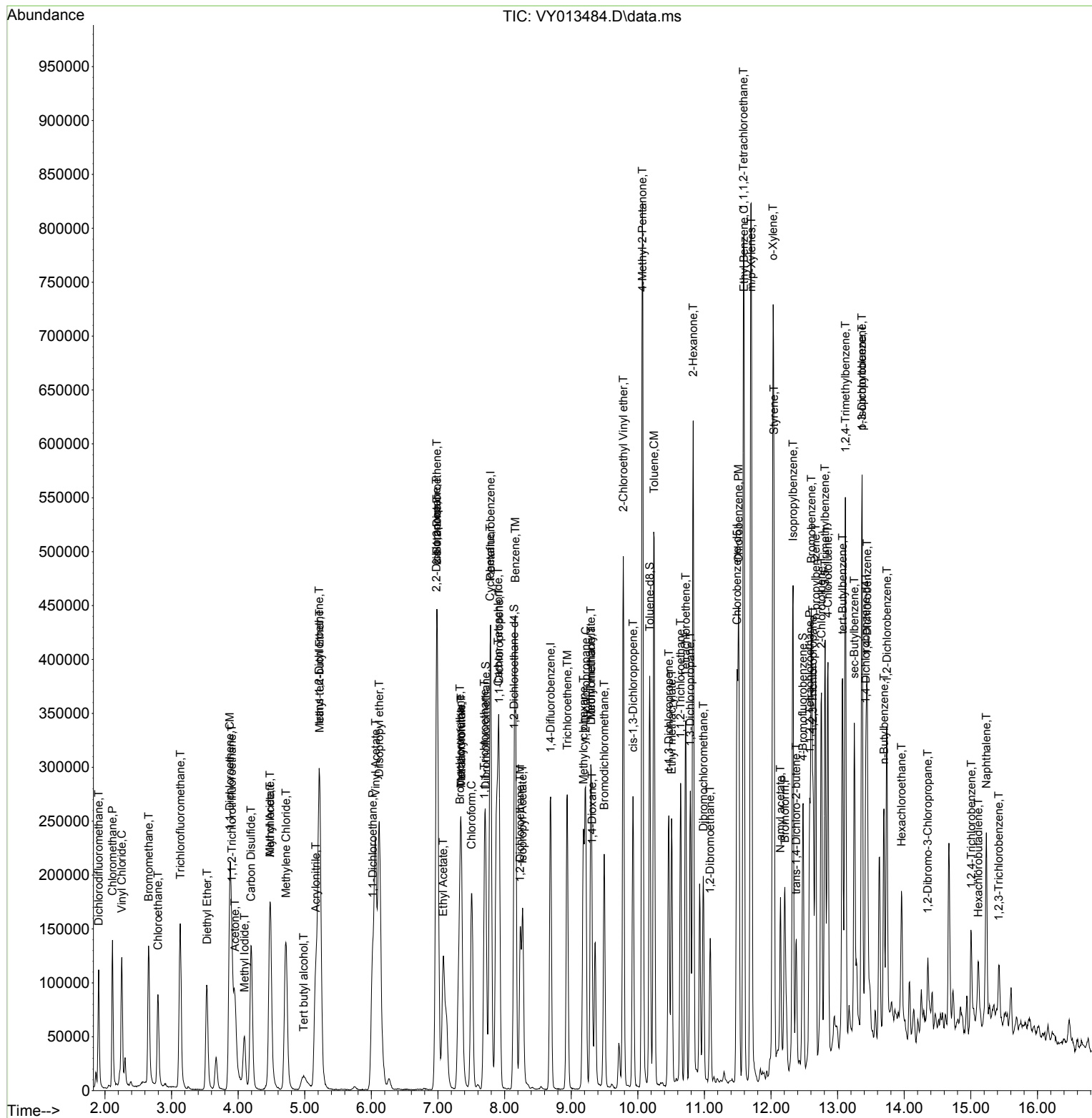
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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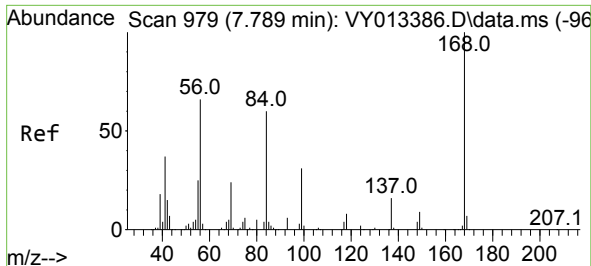
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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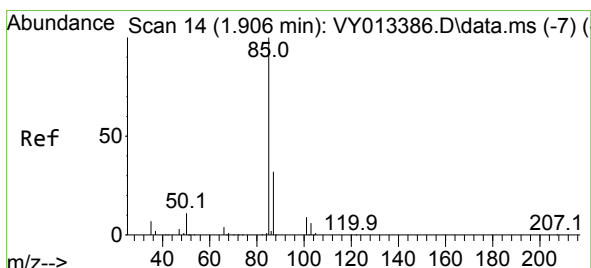
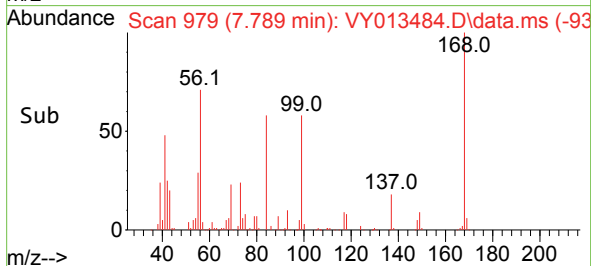
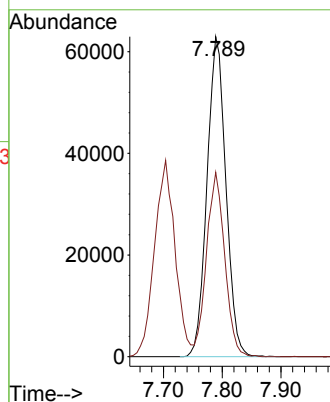
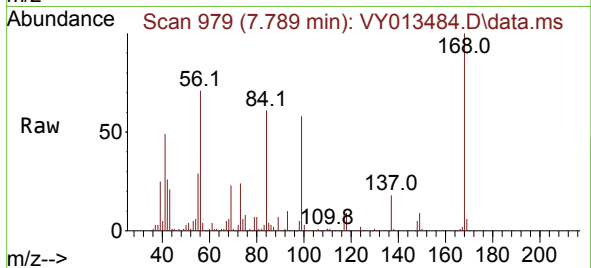




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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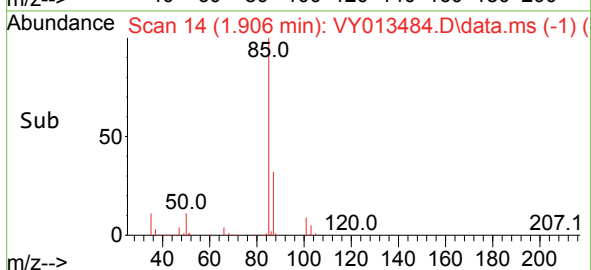
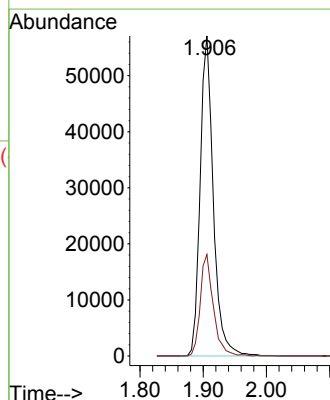
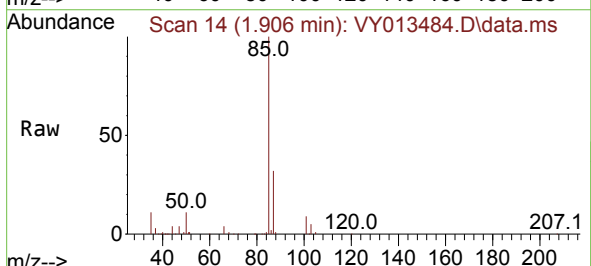
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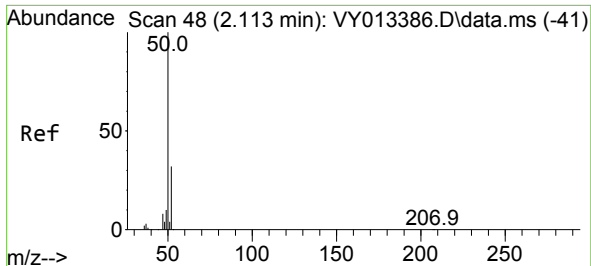
Tgt Ion:168 Resp: 140401
Ion Ratio Lower Upper
168 100
99 57.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 62.097 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 85 Resp: 82885
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

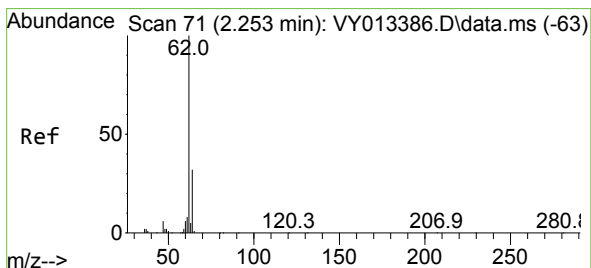
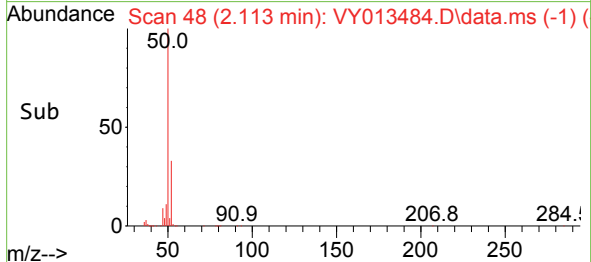
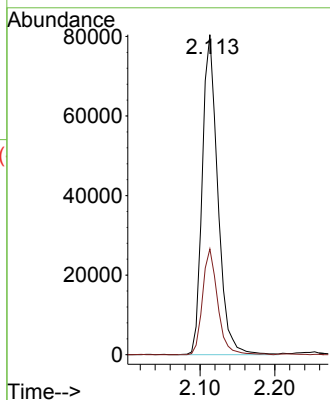
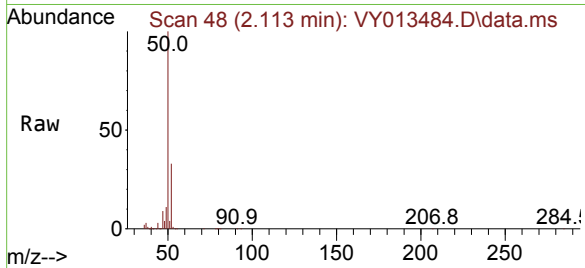




#3
Chloromethane
Concen: 64.922 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013484.D
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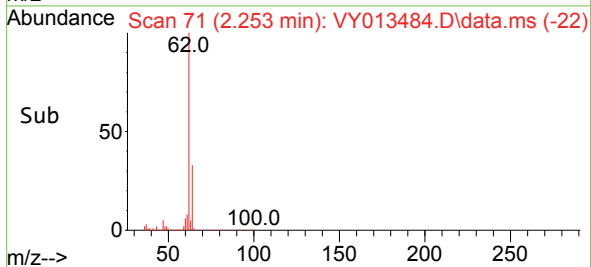
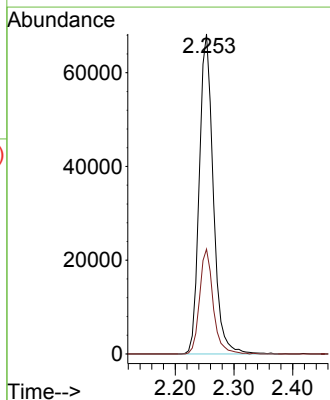
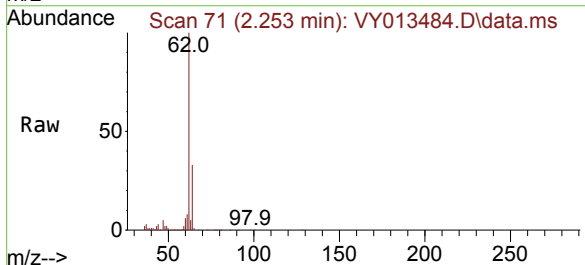
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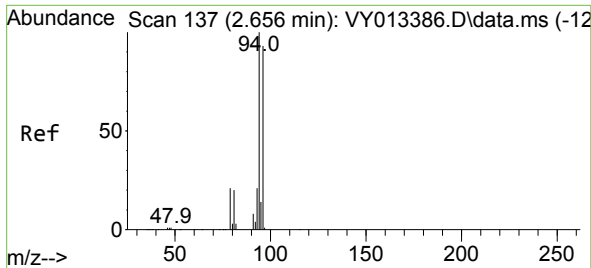
Tgt Ion: 50 Resp: 116157
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9



#4
Vinyl Chloride
Concen: 63.407 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013484.D
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Tgt Ion: 62 Resp: 112956
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

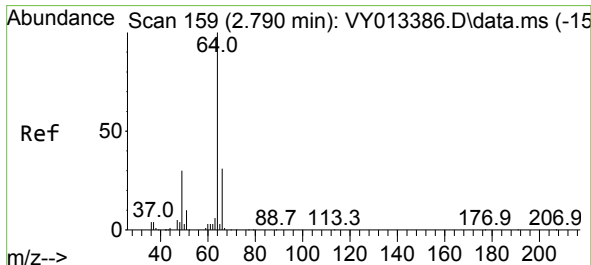
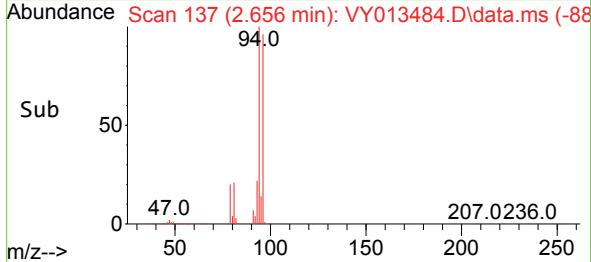
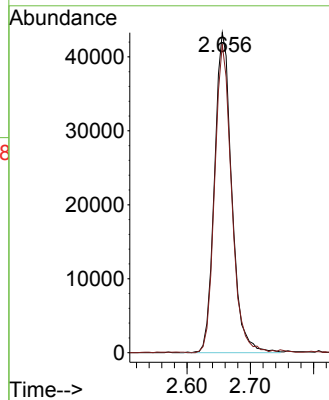
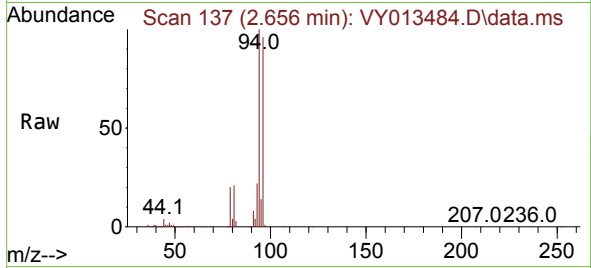




#5
Bromomethane
Concen: 57.705 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013484.D
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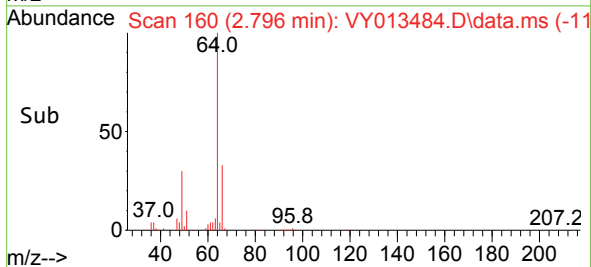
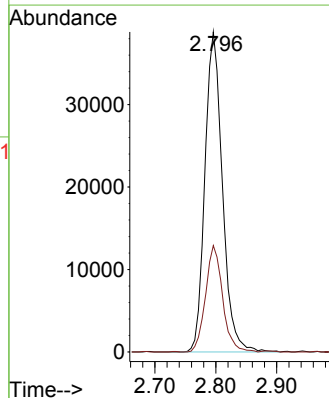
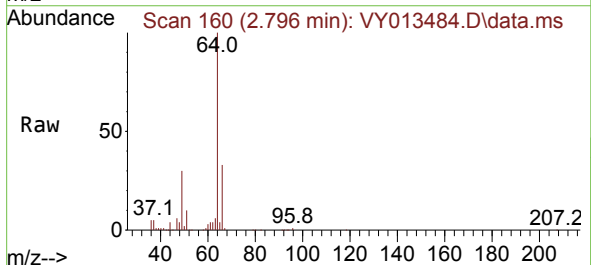
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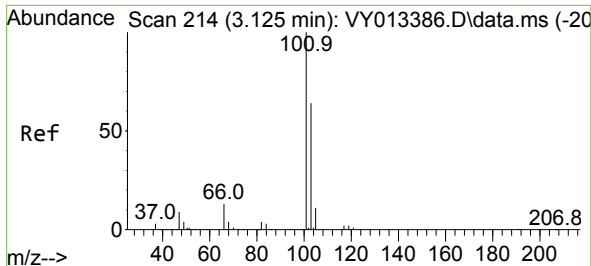
Tgt Ion: 94 Resp: 81920
Ion Ratio Lower Upper
94 100
96 96.2 74.2 111.2



#6
Chloroethane
Concen: 62.928 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 77445
Ion Ratio Lower Upper
64 100
66 33.3 24.6 37.0

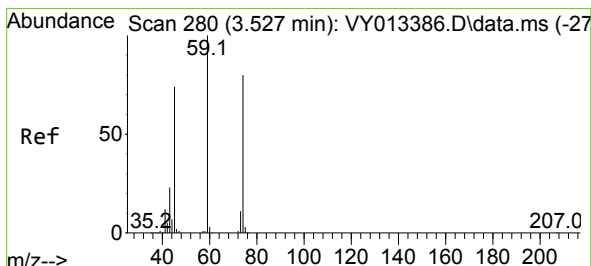
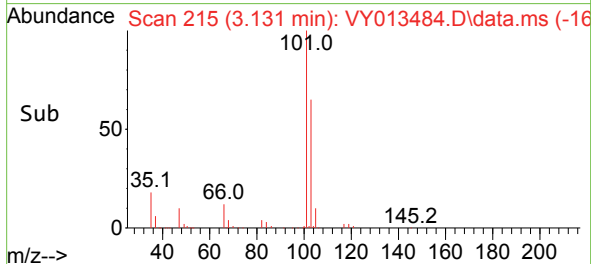
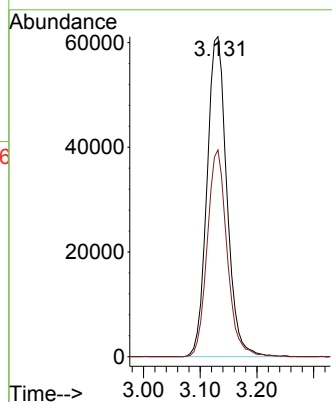
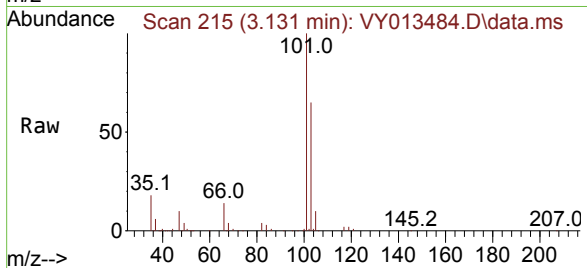




#7
 Trichlorofluoromethane
 Concen: 55.014 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013484.D
 Acq: 26 Apr 2023 19:22

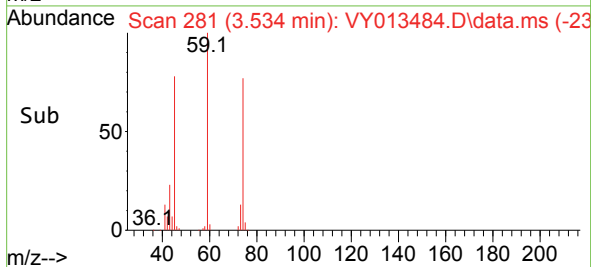
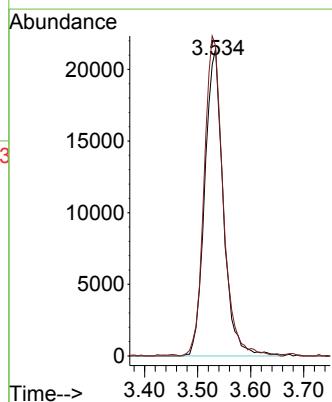
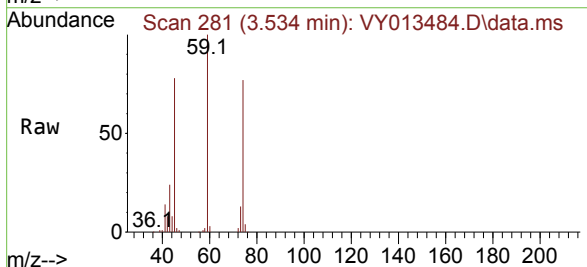
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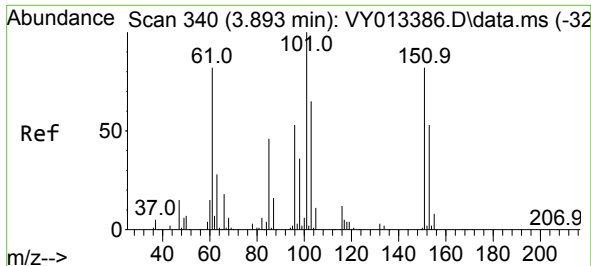
Tgt Ion:101 Resp: 148469
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4



#8
 Diethyl Ether
 Concen: 56.321 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 51759
 Ion Ratio Lower Upper
 74 100
 45 107.3 48.2 144.6

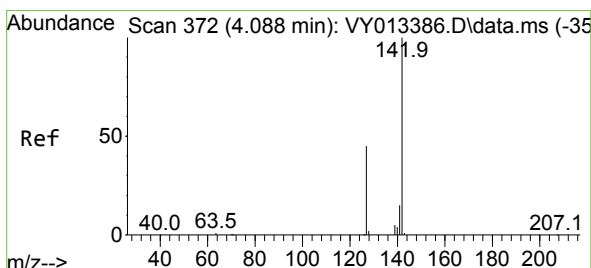
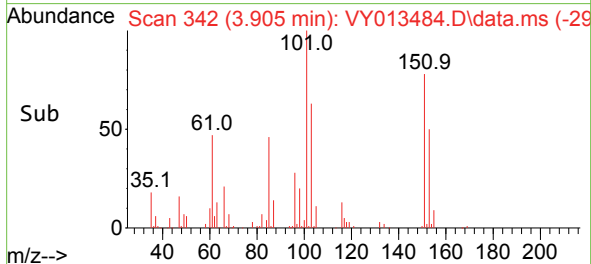
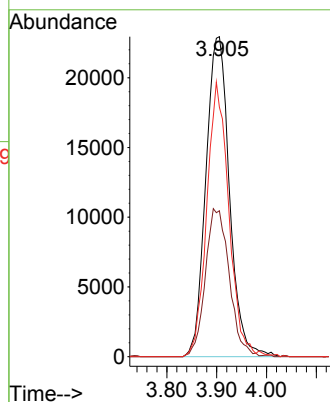
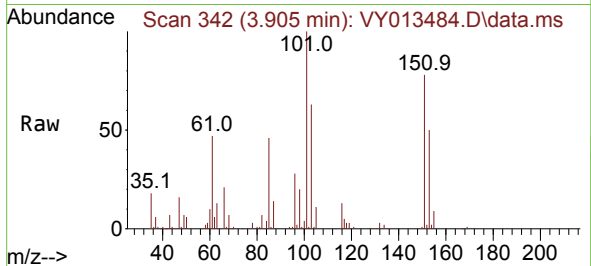




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.873 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

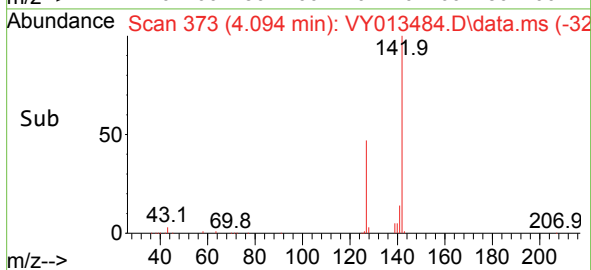
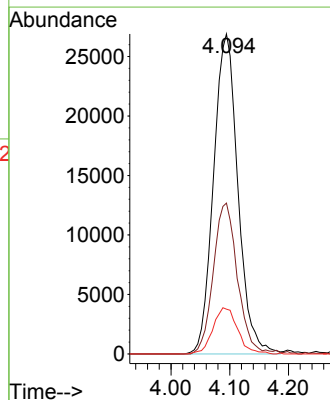
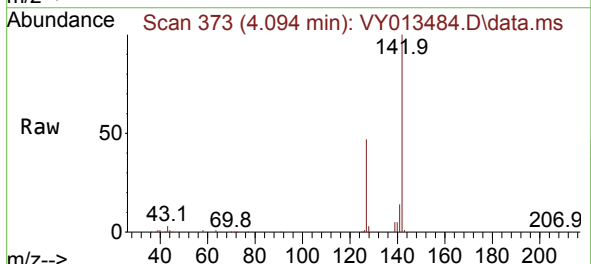
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

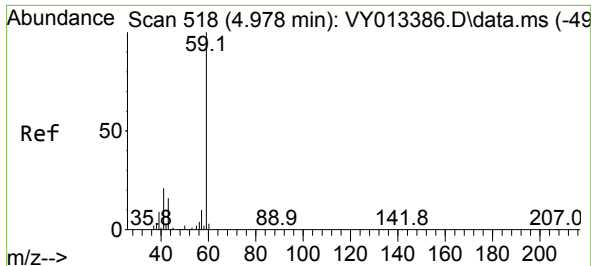
Tgt Ion:101 Resp: 75496
Ion Ratio Lower Upper
101 100
85 46.9 35.6 53.4
151 80.3 68.0 102.0



#10
Methyl Iodide
Concen: 40.787 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion:142 Resp: 77547
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 14.6 11.6 17.4

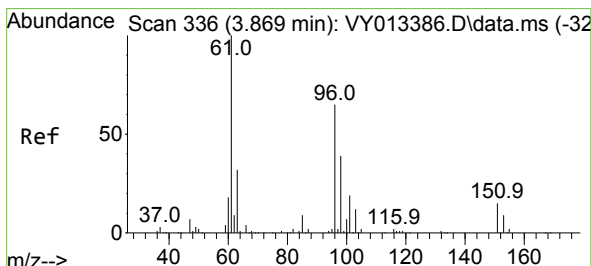
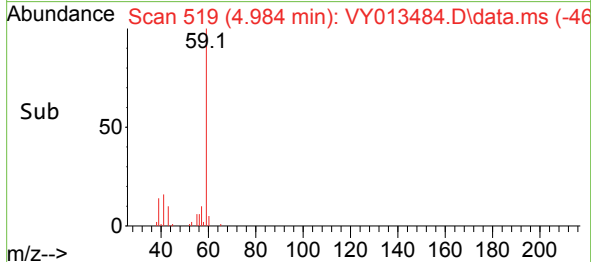
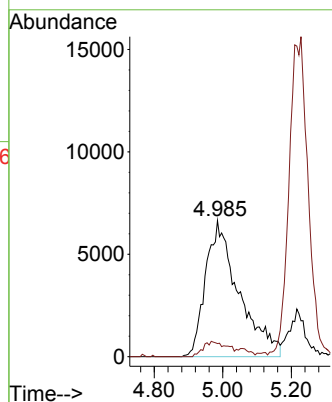
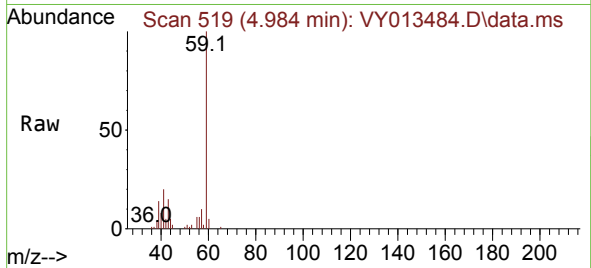




#11
Tert butyl alcohol
Concen: 258.643 ug/l
RT: 4.984 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

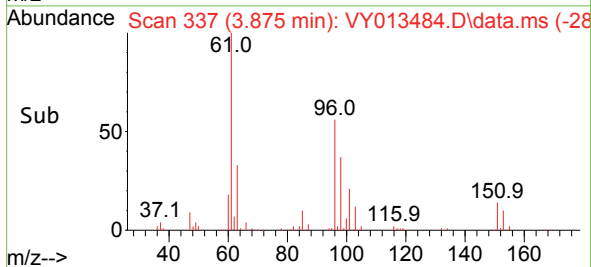
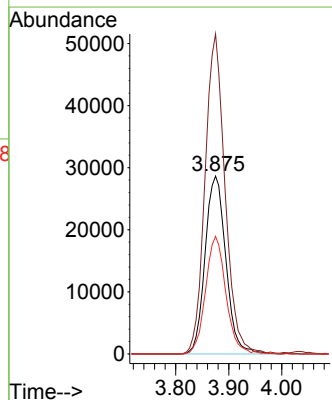
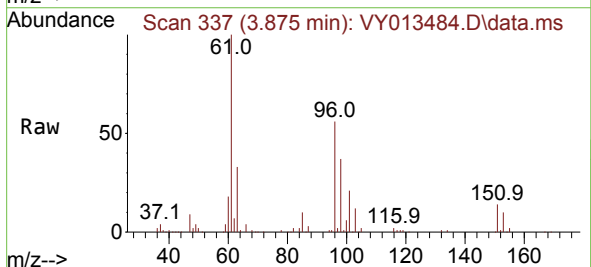
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

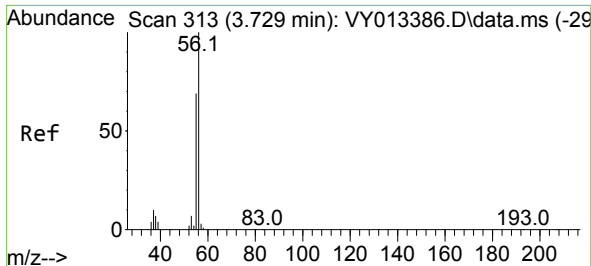
Tgt Ion: 59 Resp: 44841
Ion Ratio Lower Upper
59 100
57 8.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 53.463 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 96 Resp: 78011
Ion Ratio Lower Upper
96 100
61 179.8 123.9 185.9
98 66.1 48.9 73.3





#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

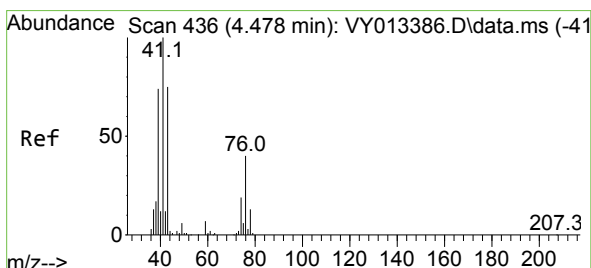
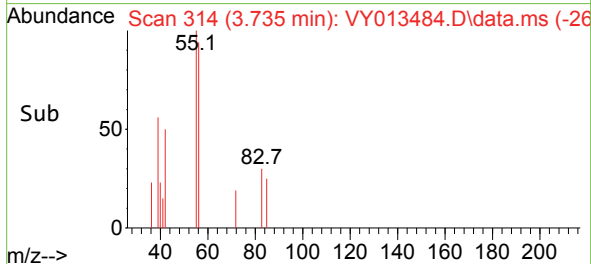
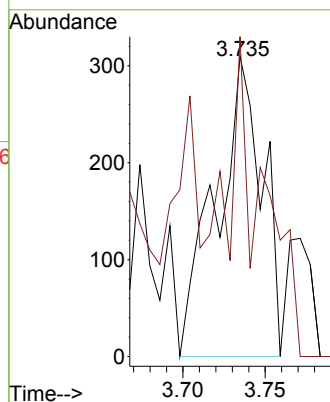
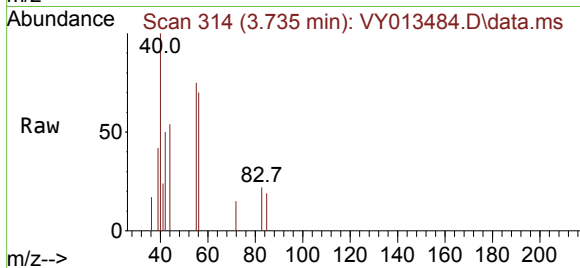
20230200-2-2MSD

Tgt Ion: 56 Resp: 601

Ion Ratio Lower Upper

56 100

55 80.5 54.1 81.1



#14

Allyl chloride

Concen: 40.457 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

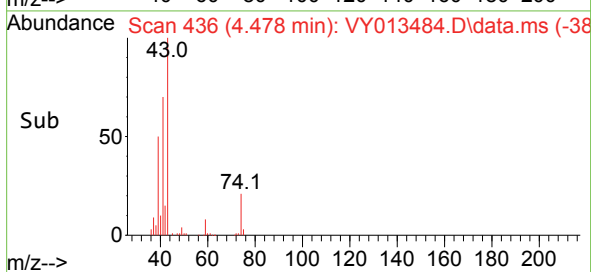
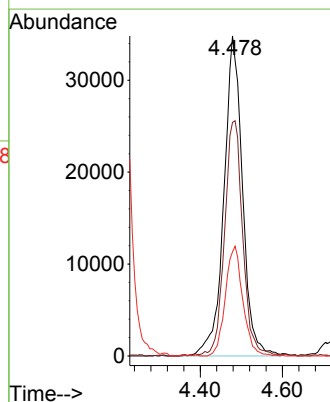
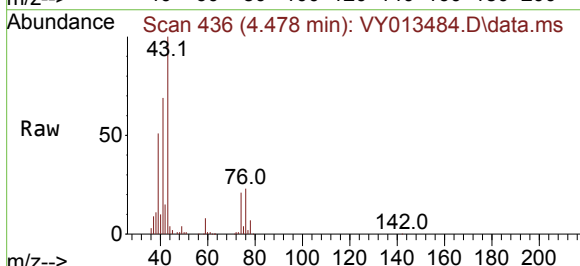
Tgt Ion: 41 Resp: 109536

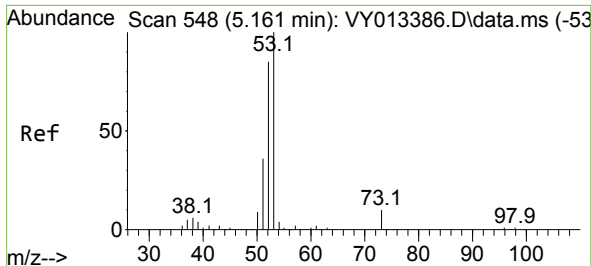
Ion Ratio Lower Upper

41 100

39 71.1 56.6 85.0

76 32.3 30.5 45.7

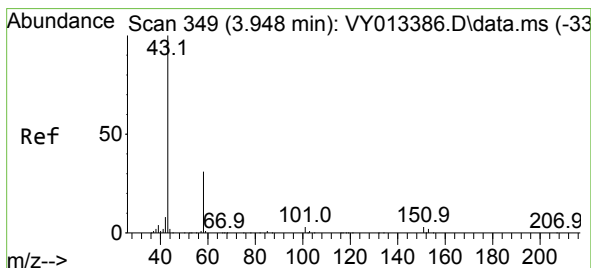
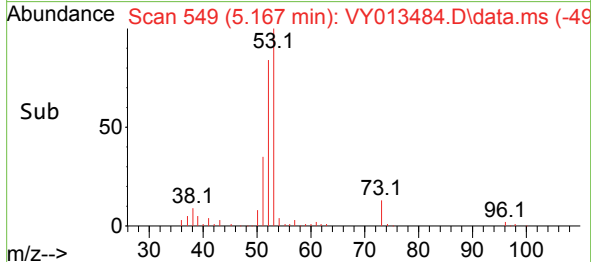
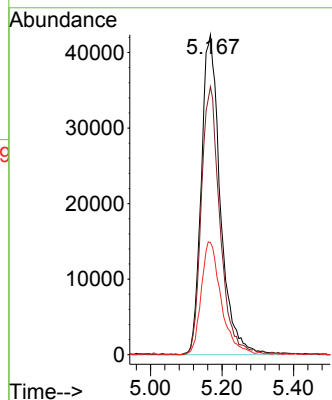
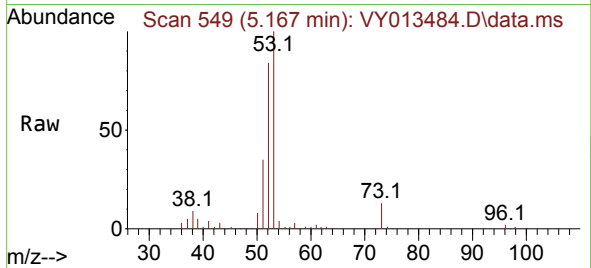




#15
Acrylonitrile
Concen: 304.431 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

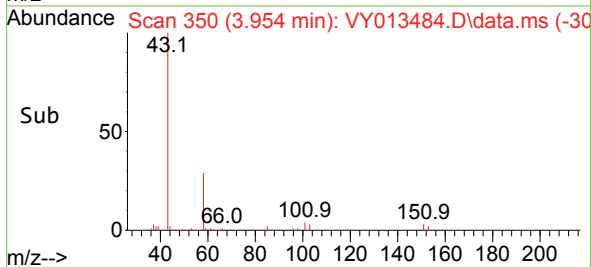
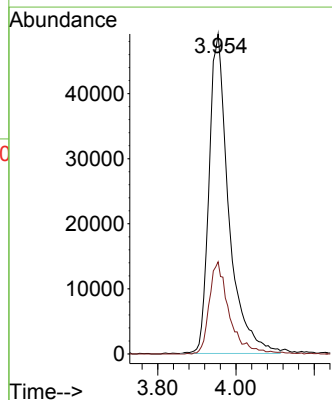
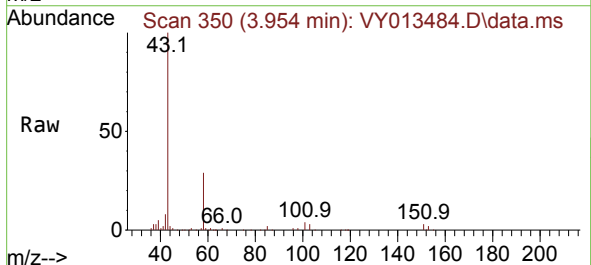
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

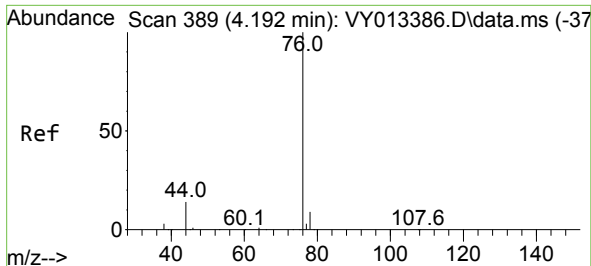
Tgt Ion: 53 Resp: 156684
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.0
51 37.0 29.3 43.9



#16
Acetone
Concen: 282.311 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 43 Resp: 171113
Ion Ratio Lower Upper
43 100
58 28.8 25.4 38.0

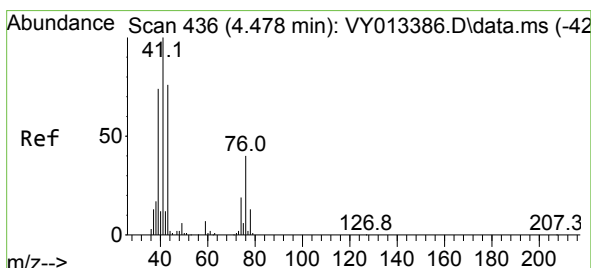
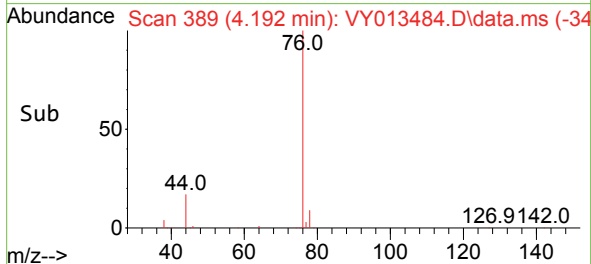
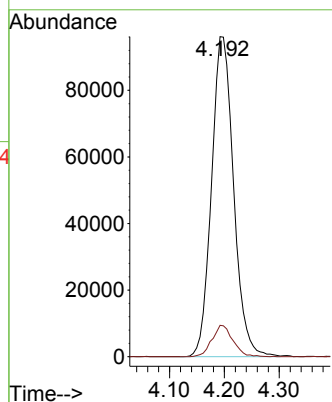
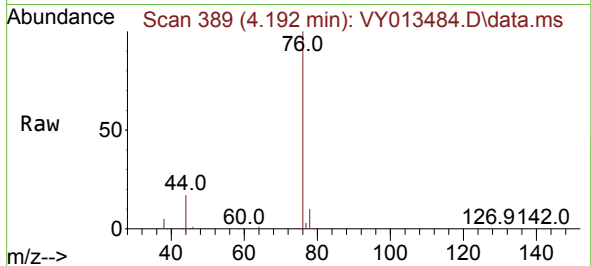




#17
Carbon Disulfide
Concen: 56.735 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

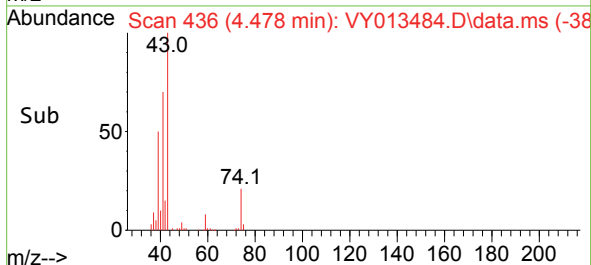
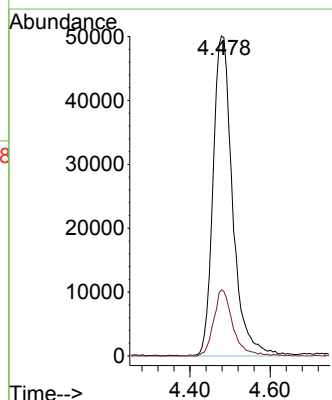
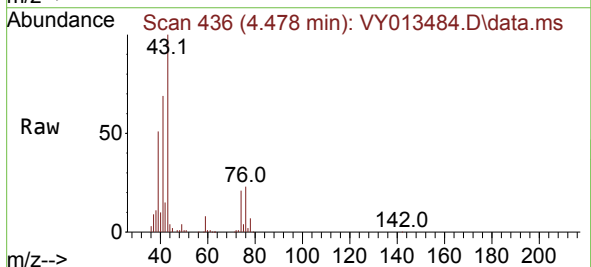
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

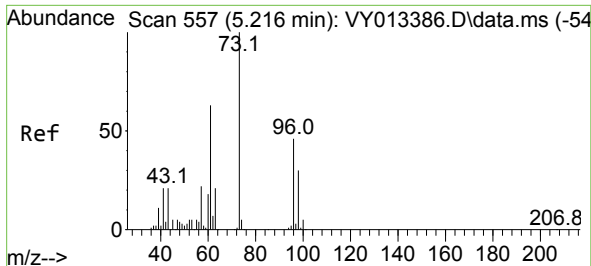
Tgt Ion: 76 Resp: 268915
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 84.510 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 43 Resp: 169178
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 61.310 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

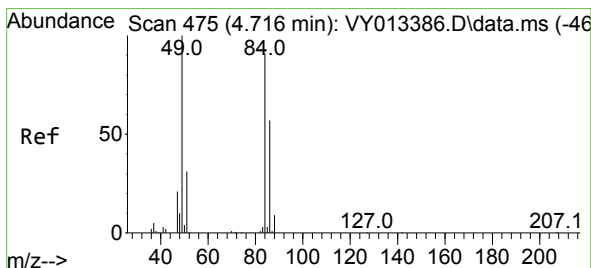
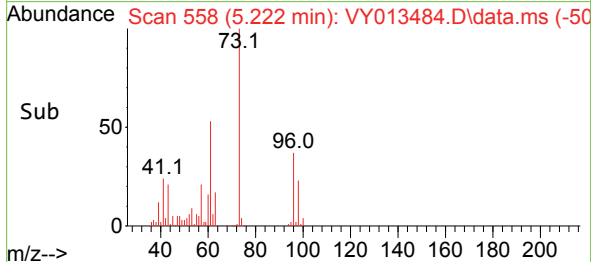
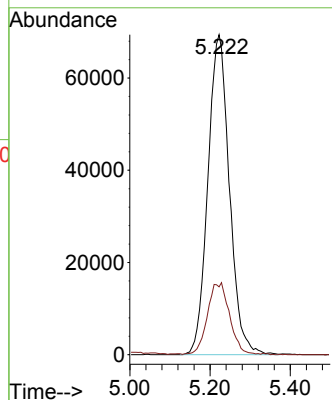
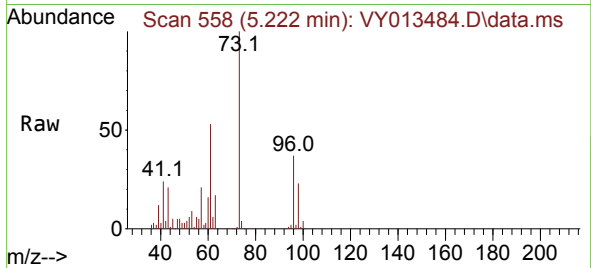
20230200-2-2MSD

Tgt Ion: 73 Resp: 258275

Ion Ratio Lower Upper

73 100

57 21.1 17.8 26.8



#20

Methylene Chloride

Concen: 54.291 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Tgt Ion: 84 Resp: 101769

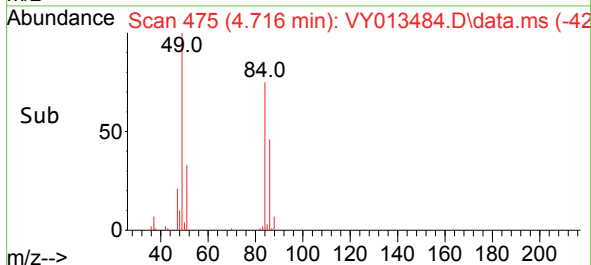
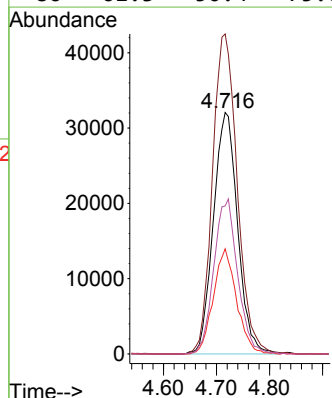
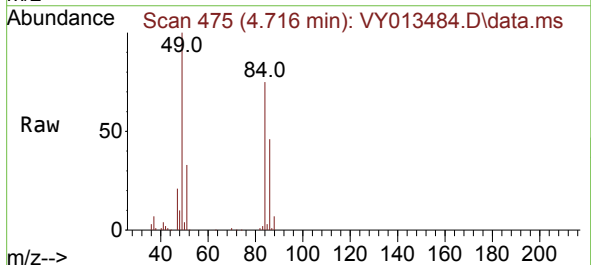
Ion Ratio Lower Upper

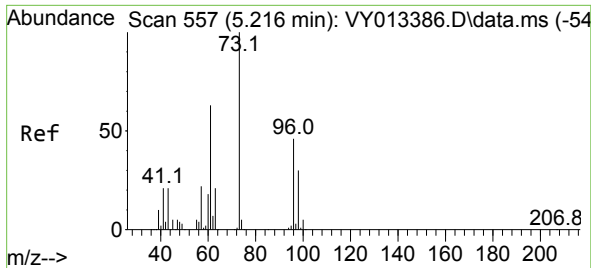
84 100

49 132.6 88.0 132.0#

51 43.5 27.4 41.0#

86 61.3 50.4 75.6

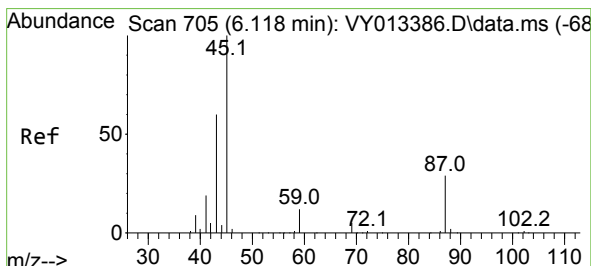
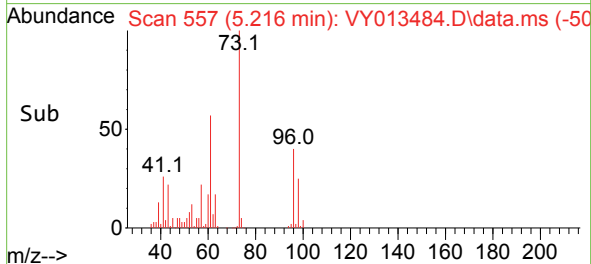
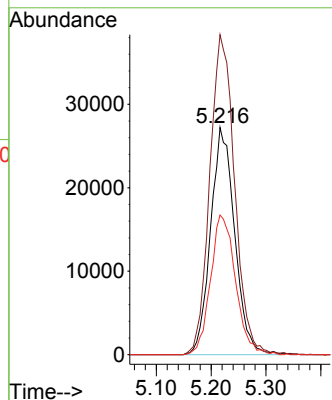
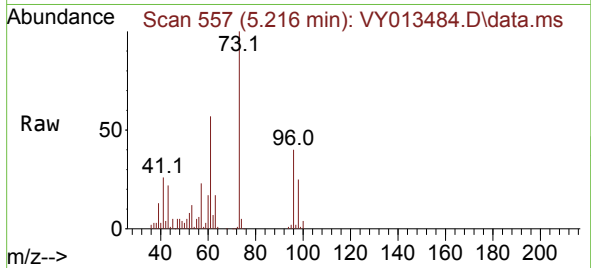




#21
trans-1,2-Dichloroethene
Concen: 52.034 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

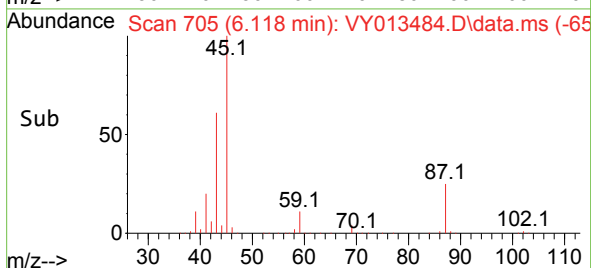
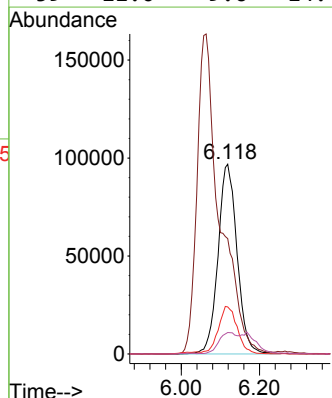
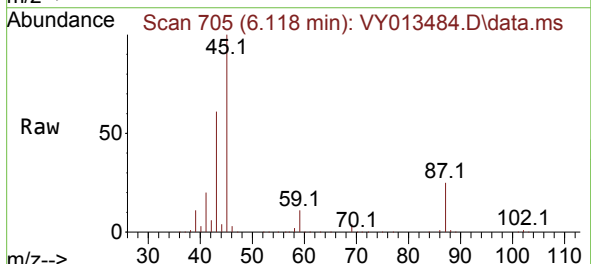
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

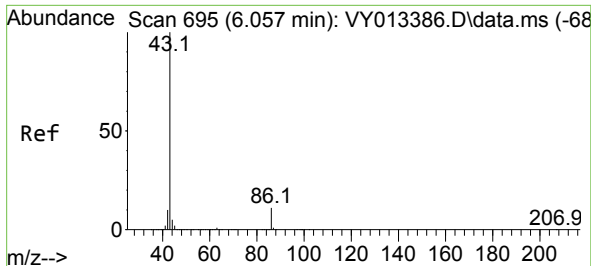
Tgt Ion: 96 Resp: 83015
Ion Ratio Lower Upper
96 100
61 140.8 110.6 165.8
98 61.5 53.1 79.7



#22
Diisopropyl ether
Concen: 61.945 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 45 Resp: 327813
Ion Ratio Lower Upper
45 100
43 60.5 48.4 72.6
87 24.7 23.8 35.6
59 11.0 9.6 14.4





#23

Vinyl Acetate

Concen: 220.652 ug/l

RT: 6.064 min Scan# 61

Delta R.T. 0.007 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

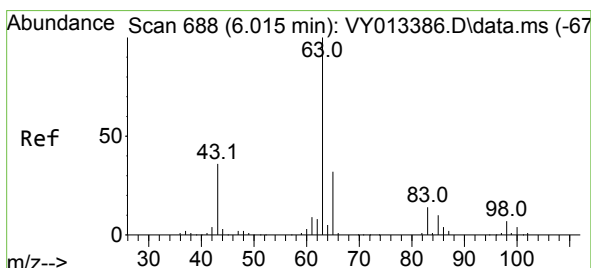
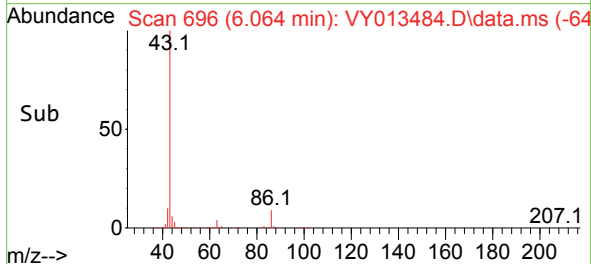
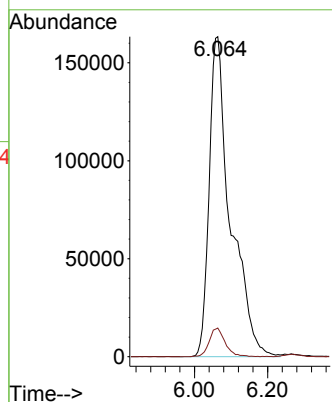
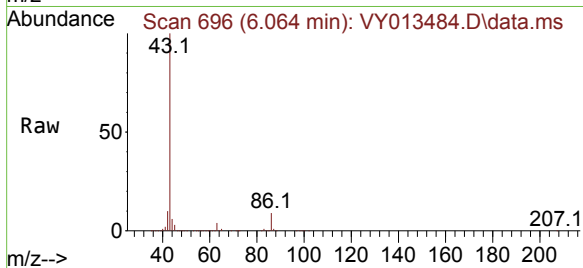
20230200-2-2MSD

Tgt Ion: 43 Resp: 661139

Ion Ratio Lower Upper

43 100

86 8.9 8.5 12.7



#24

1,1-Dichloroethane

Concen: 59.756 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

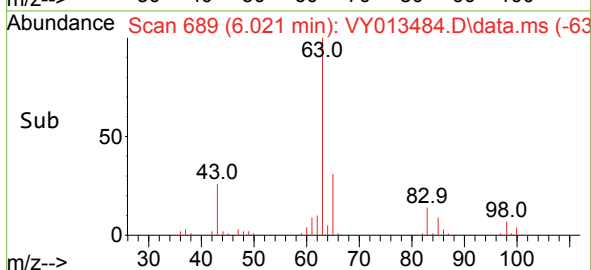
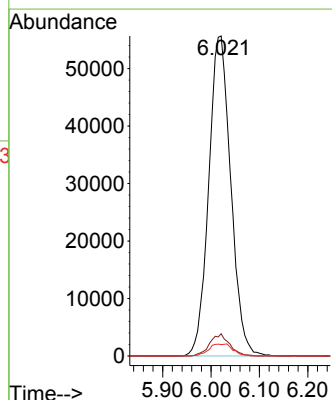
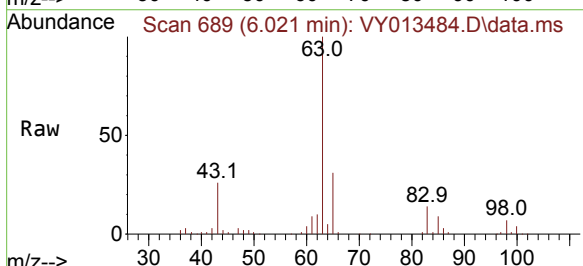
Tgt Ion: 63 Resp: 176245

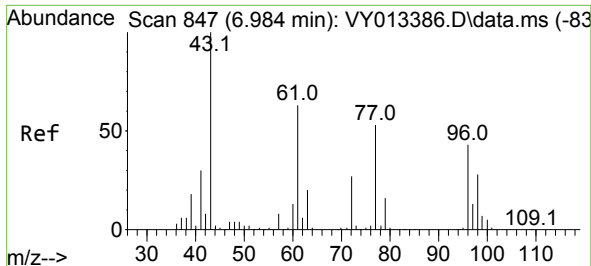
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

100 3.6 2.2 6.6

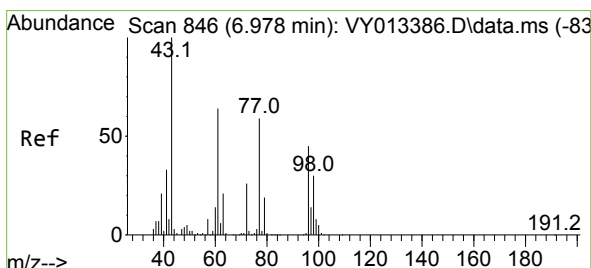
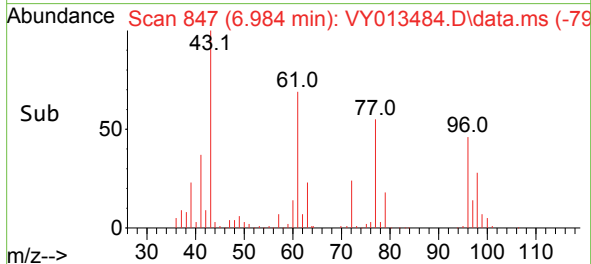
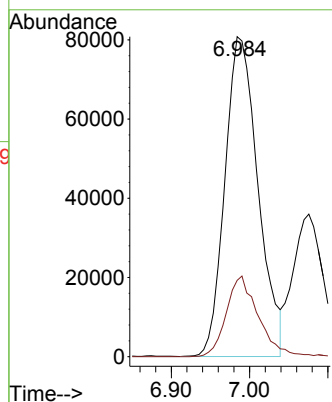
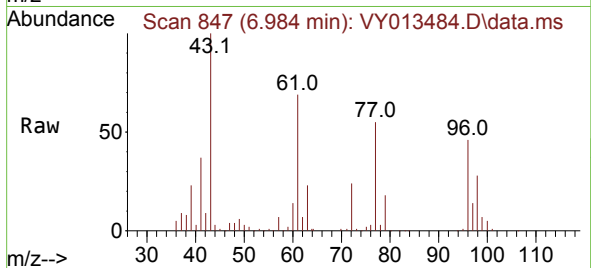




#25
2-Butanone
Concen: 309.403 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

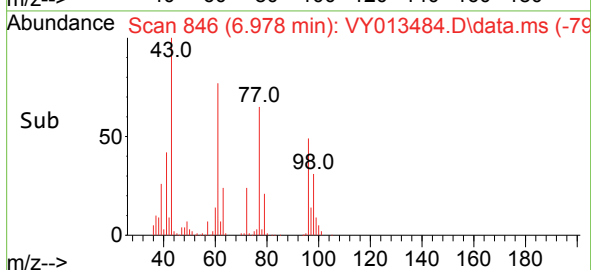
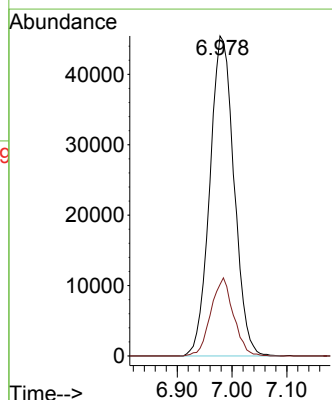
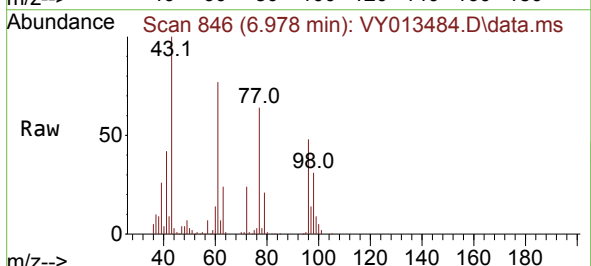
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

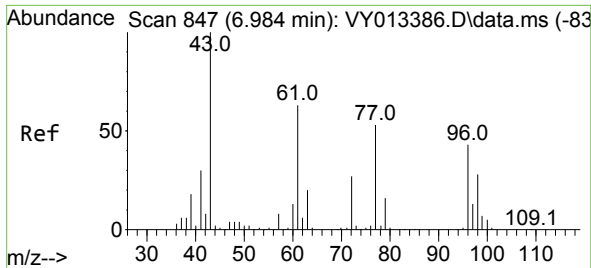
Tgt Ion: 43 Resp: 237834
Ion Ratio Lower Upper
43 100
72 23.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 54.848 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 77 Resp: 139395
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4

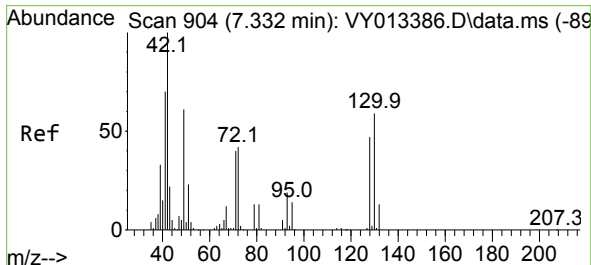
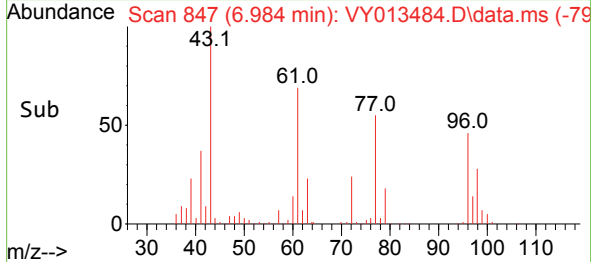
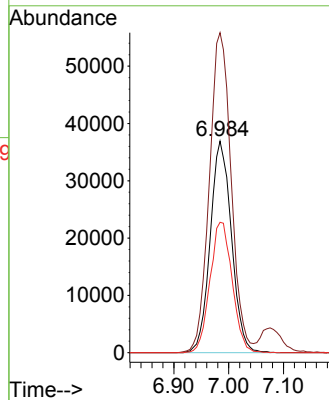
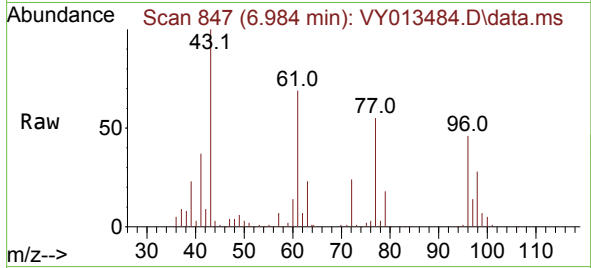




#27
 cis-1,2-Dichloroethene
 Concen: 56.453 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013484.D
 Acq: 26 Apr 2023 19:22

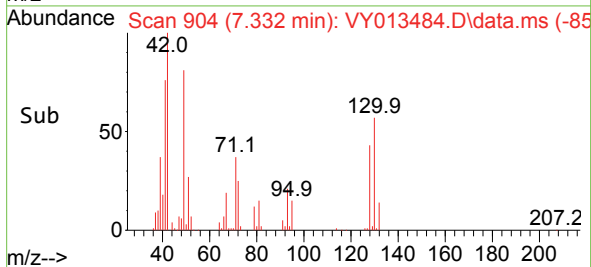
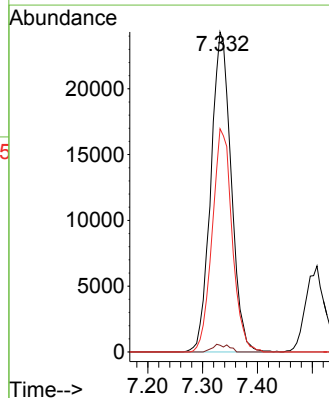
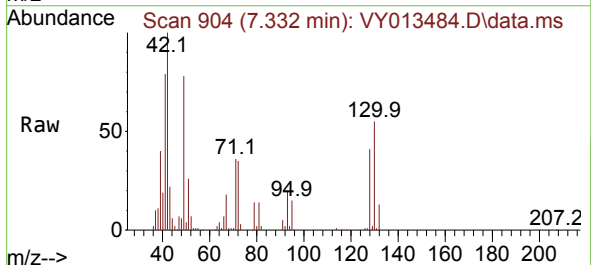
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MSD

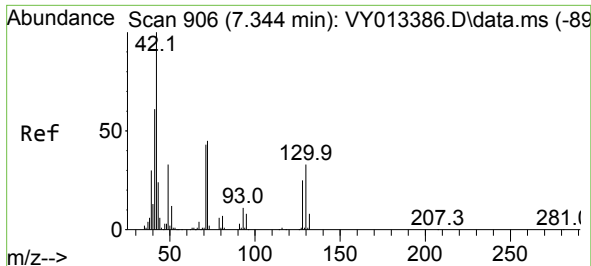
Tgt Ion:	96	Resp:	99511
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	285.0
98	64.3	0.0	130.6



#28
 Bromochloromethane
 Concen: 59.783 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013484.D
 Acq: 26 Apr 2023 19:22

Tgt Ion:	49	Resp:	62571
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.2
130	68.6	72.1	108.1#





#29

Tetrahydrofuran

Concen: 325.469 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

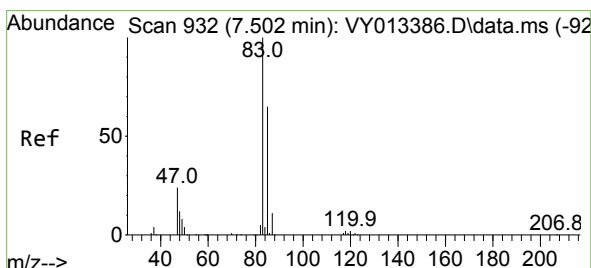
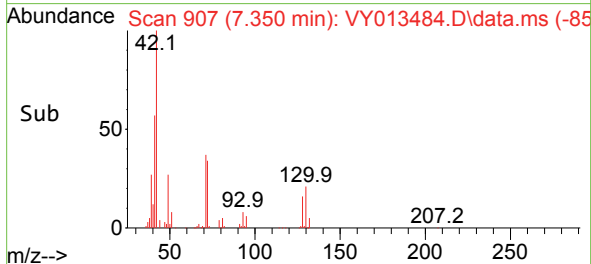
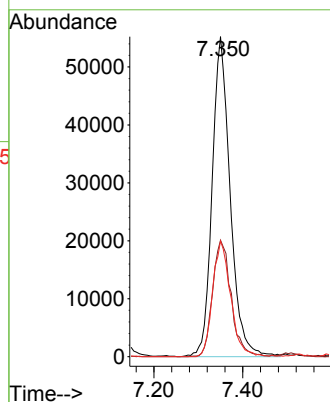
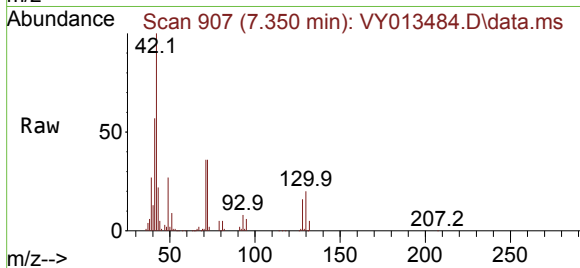
Tgt Ion: 42 Resp: 155734

Ion Ratio Lower Upper

42 100

72 37.4 35.9 53.9

71 36.0 34.3 51.5



#30

Chloroform

Concen: 60.139 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013484.D

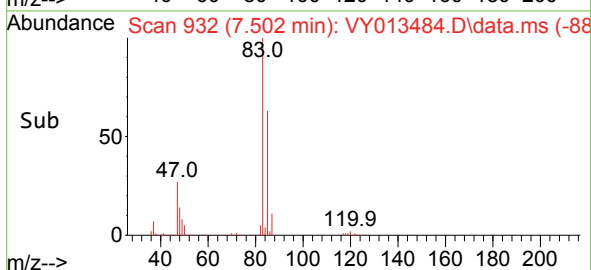
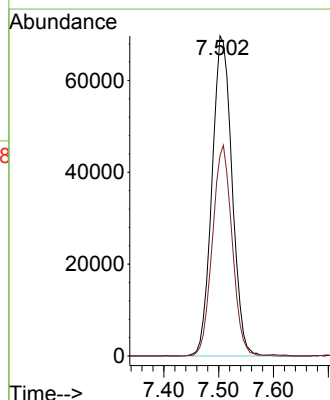
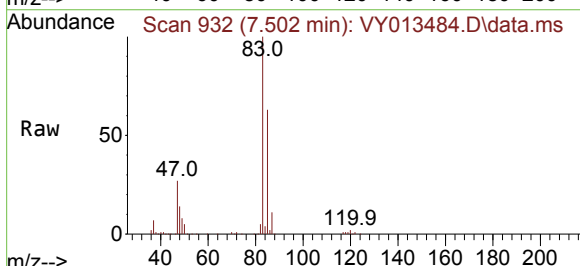
Acq: 26 Apr 2023 19:22

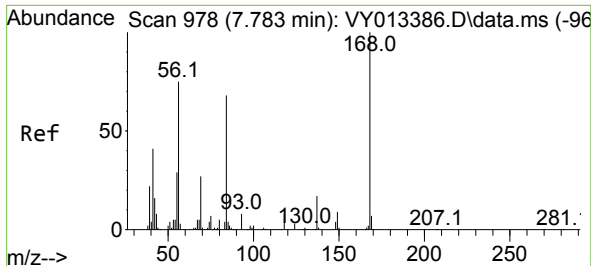
Tgt Ion: 83 Resp: 176353

Ion Ratio Lower Upper

83 100

85 62.7 52.0 78.0

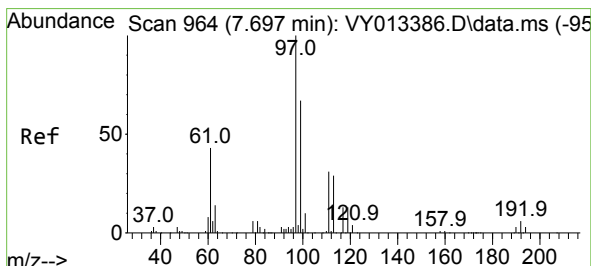
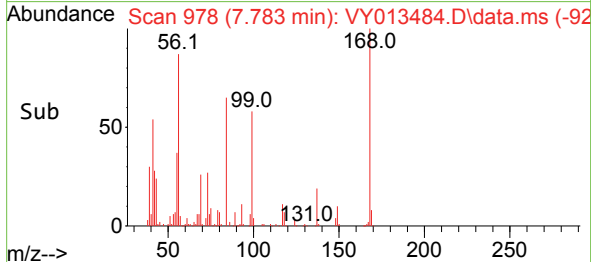
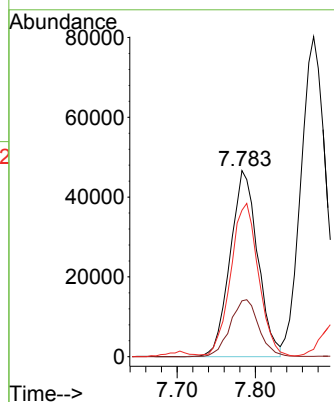
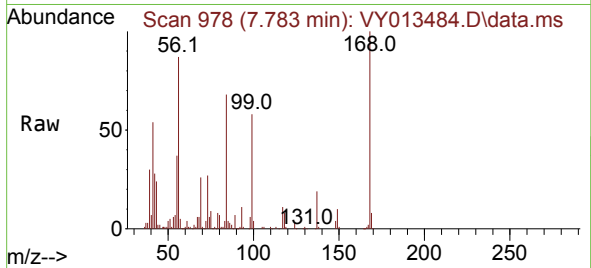




#31
Cyclohexane
Concen: 41.436 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

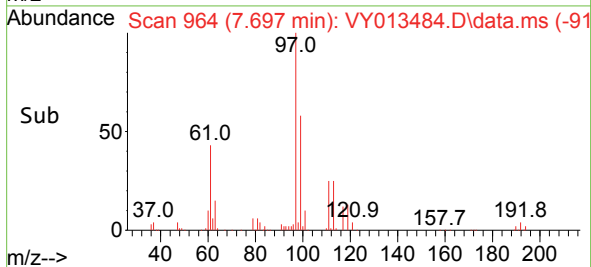
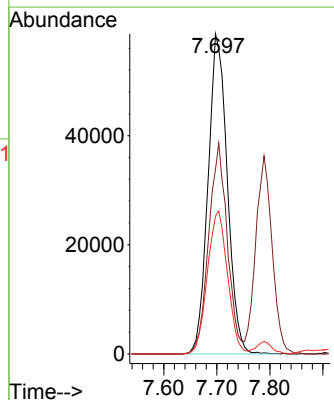
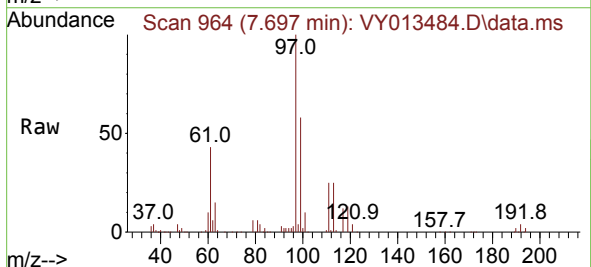
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

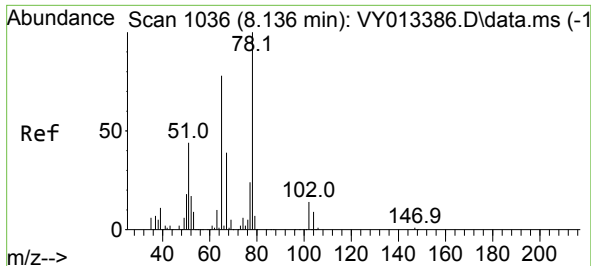
Tgt Ion: 56 Resp: 114182
Ion Ratio Lower Upper
56 100
69 30.0 29.2 43.8
84 76.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 56.490 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 97 Resp: 147821
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 46.8 33.8 50.8

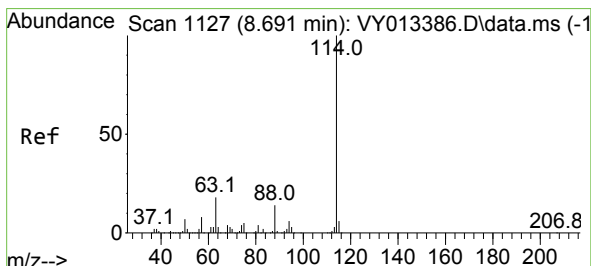
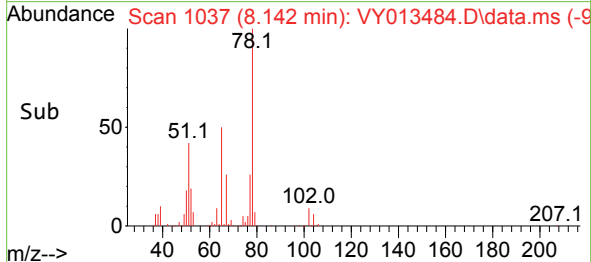
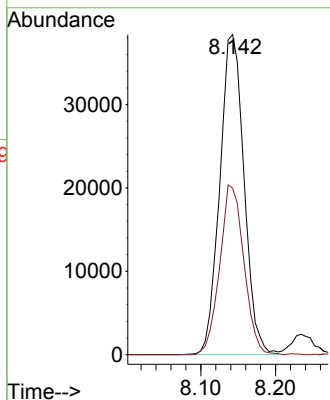
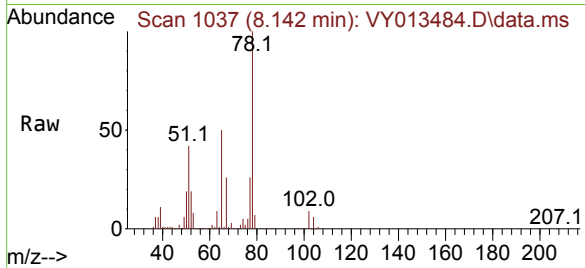




#33
1,2-Dichloroethane-d4
Concen: 56.370 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

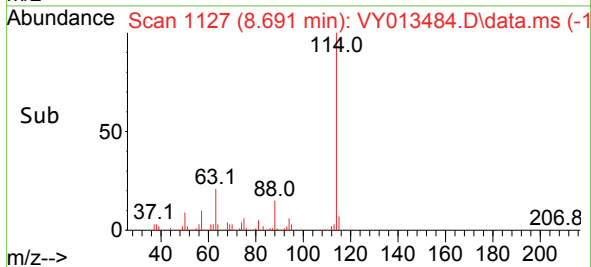
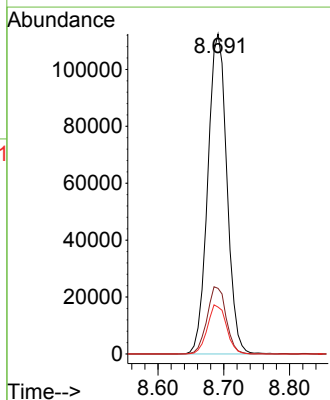
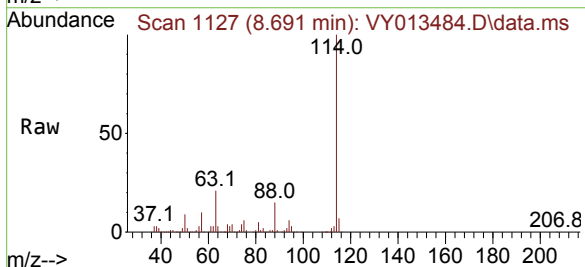
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

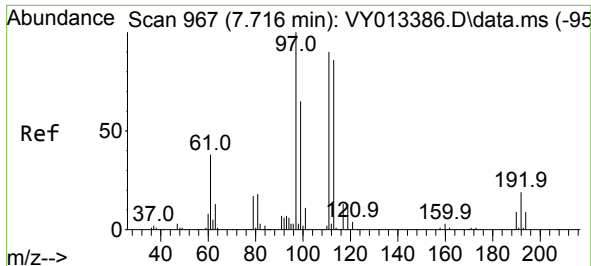
Tgt Ion: 65 Resp: 86759
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 114 Resp: 227113
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.6
88 14.6 0.0 28.8

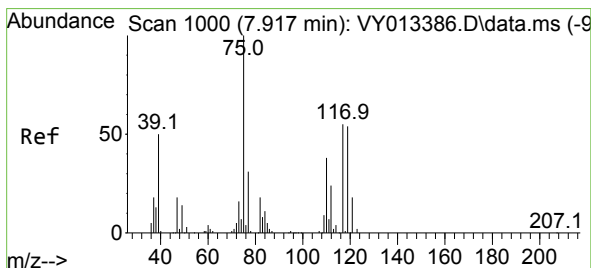
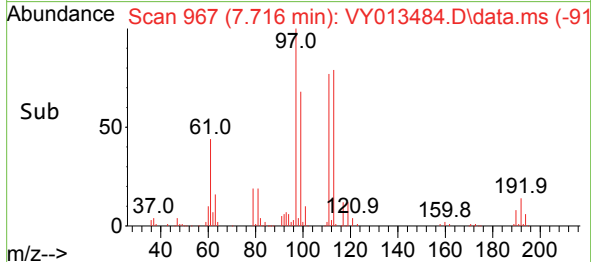
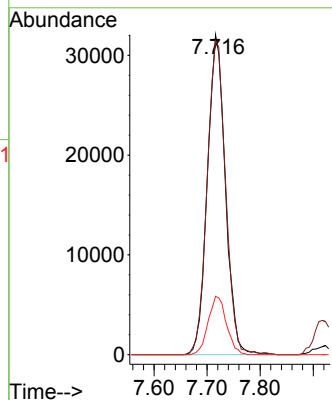
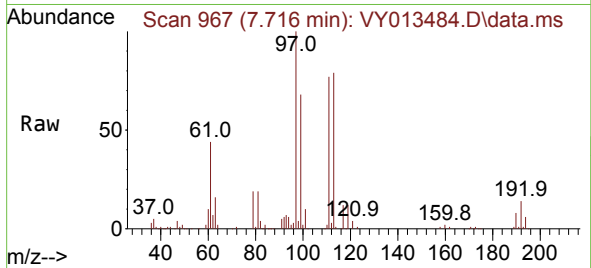




#35
Dibromofluoromethane
Concen: 52.896 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

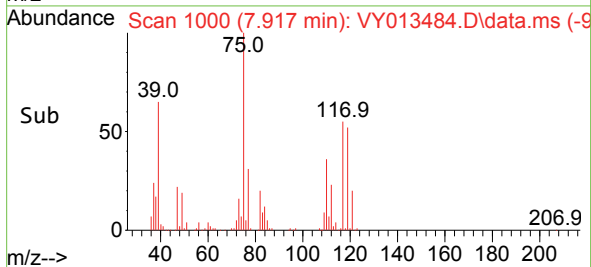
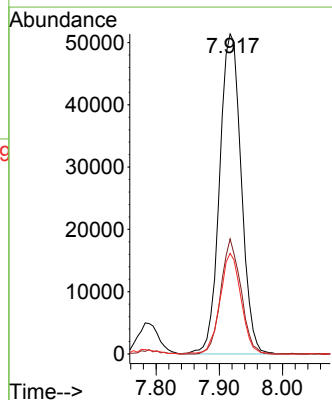
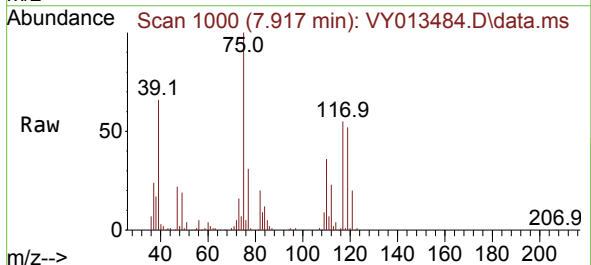
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

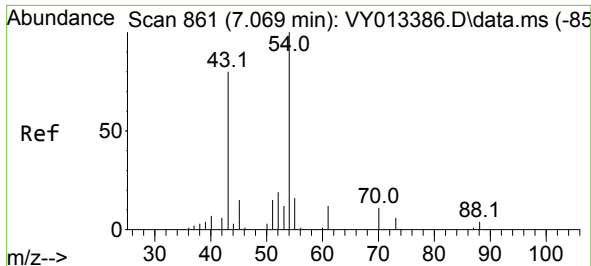
Tgt Ion:113 Resp: 75559
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 18.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.386 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 75 Resp: 121819
Ion Ratio Lower Upper
75 100
110 33.3 18.7 56.1
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 56.937 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

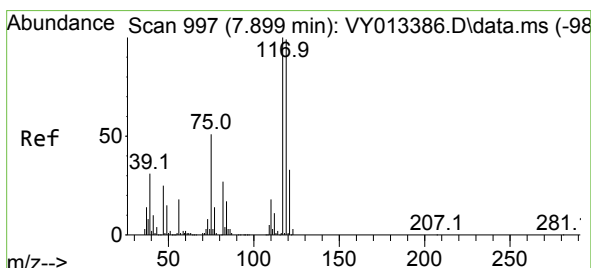
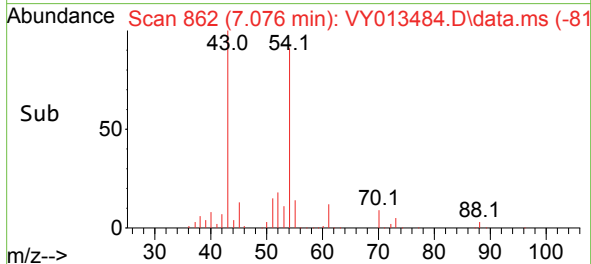
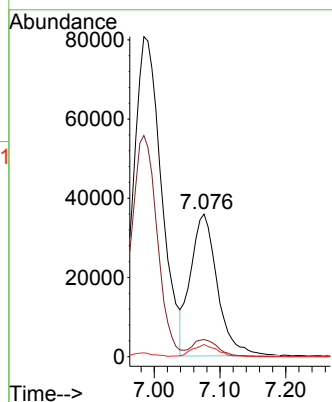
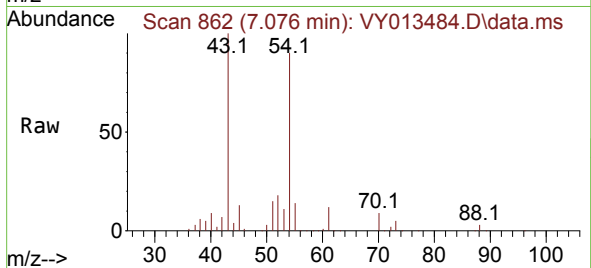
Tgt Ion: 43 Resp: 101577

Ion Ratio Lower Upper

43 100

61 11.9 11.4 17.0

70 8.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 45.775 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

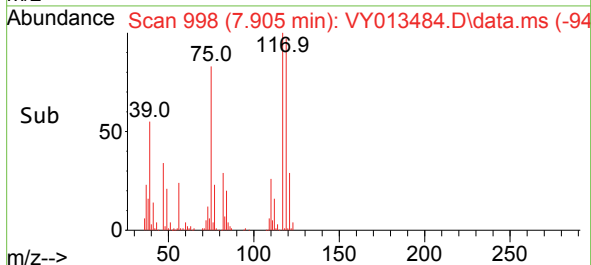
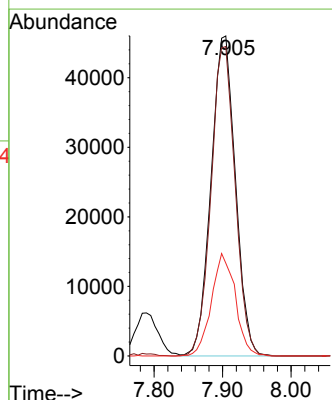
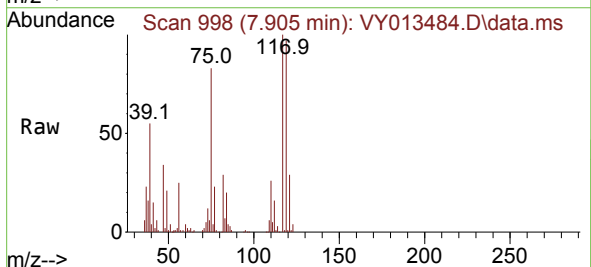
Tgt Ion: 117 Resp: 113739

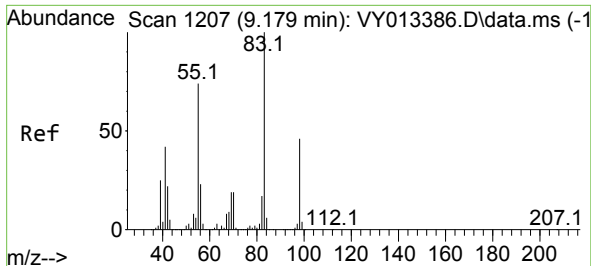
Ion Ratio Lower Upper

117 100

119 96.7 79.0 118.6

121 29.0 26.6 40.0





#39

Methylcyclohexane

Concen: 31.257 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013484.D

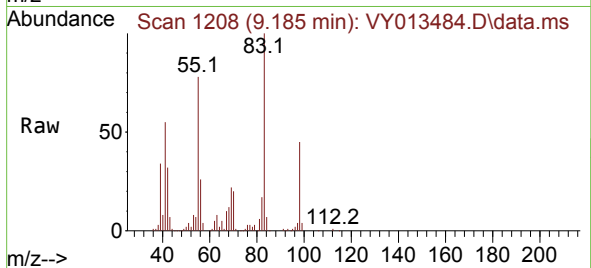
Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD



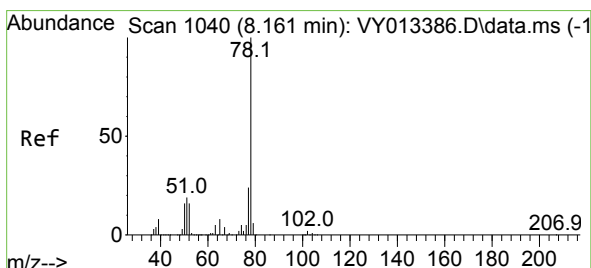
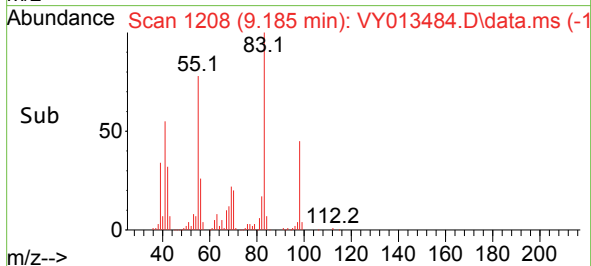
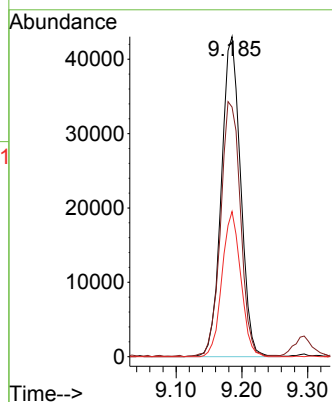
Tgt Ion: 83 Resp: 87358

Ion Ratio Lower Upper

83 100

55 77.7 59.0 88.4

98 45.3 37.0 55.4



#40

Benzene

Concen: 55.551 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013484.D

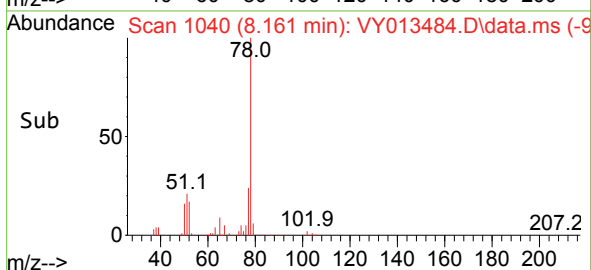
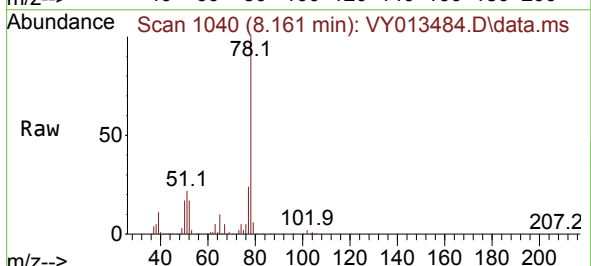
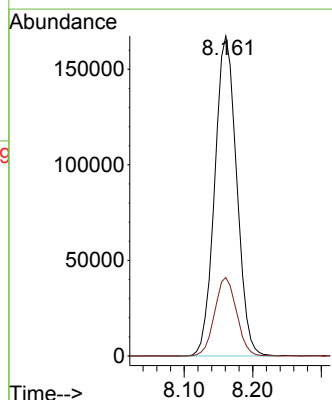
Acq: 26 Apr 2023 19:22

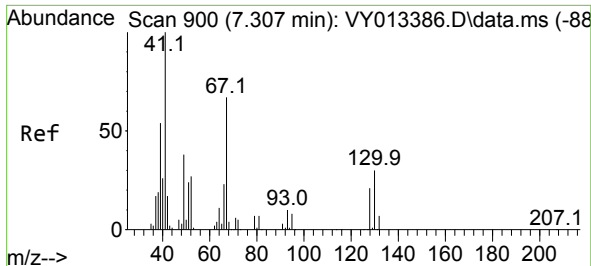
Tgt Ion: 78 Resp: 370966

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

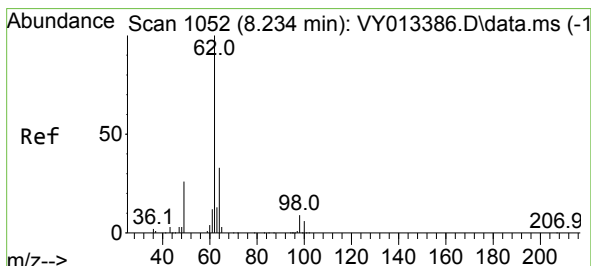
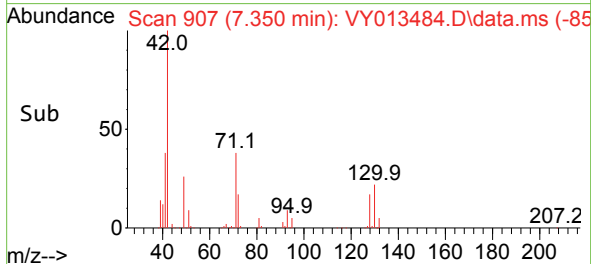
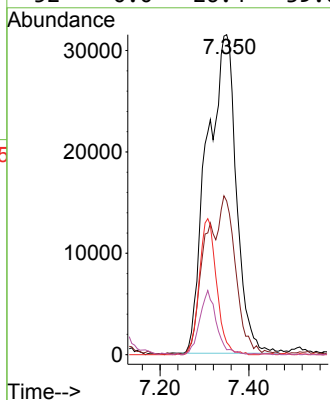
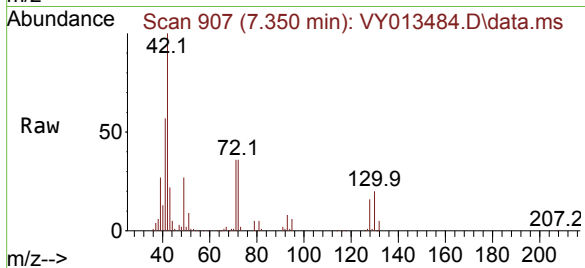




#41
Methacrylonitrile
Concen: 172.992 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

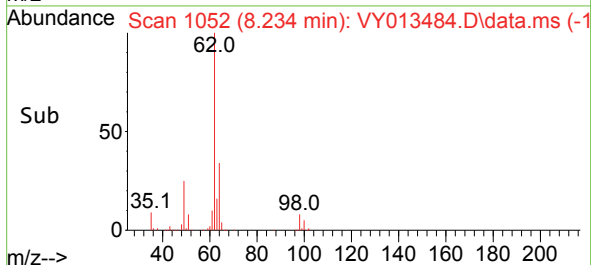
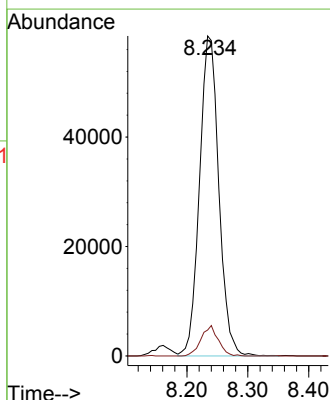
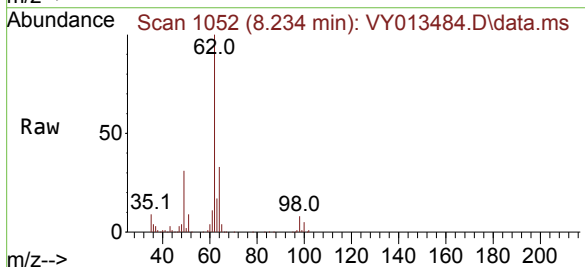
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

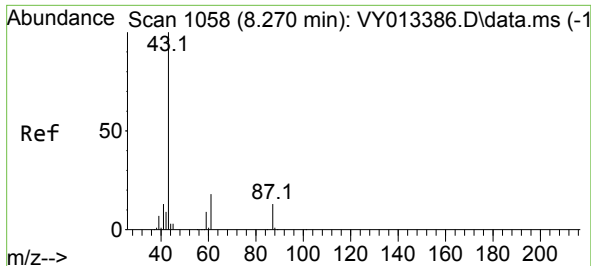
Tgt Ion: 41 Resp: 143816
Ion Ratio Lower Upper
41 100
39 28.3 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 59.023 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 62 Resp: 128862
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.8

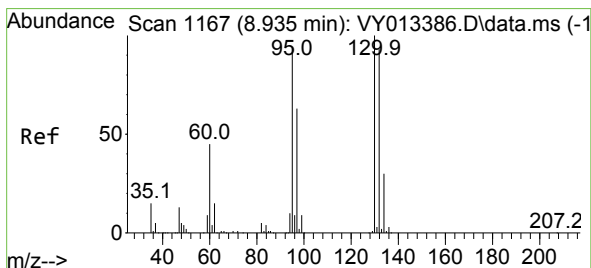
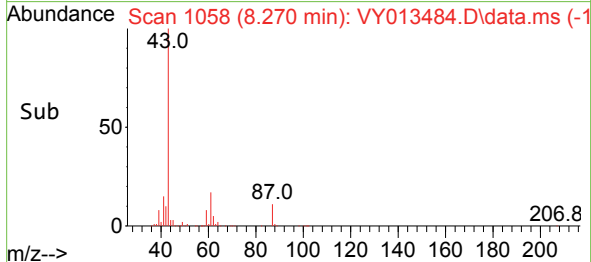
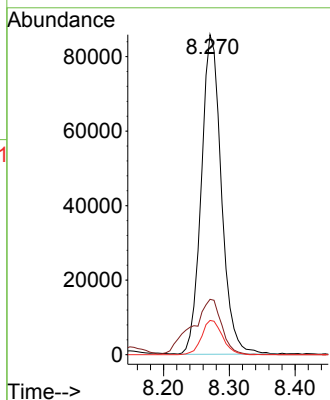
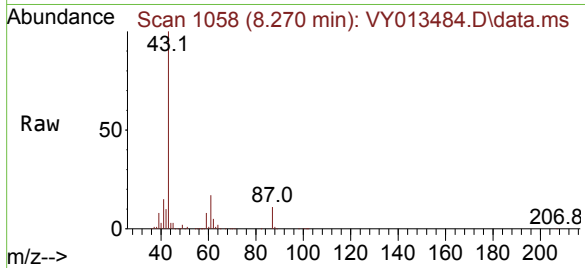




#43
Isopropyl Acetate
Concen: 60.463 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

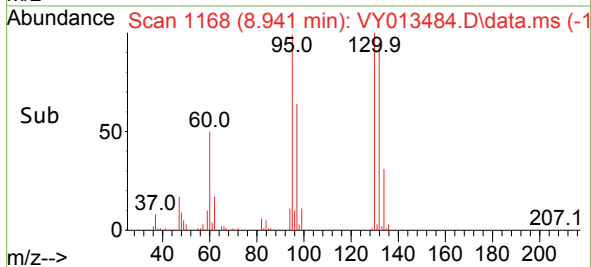
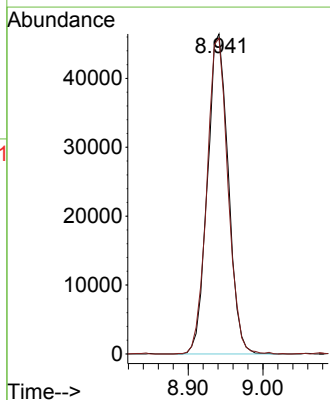
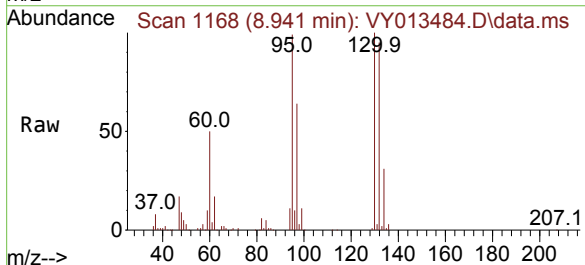
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

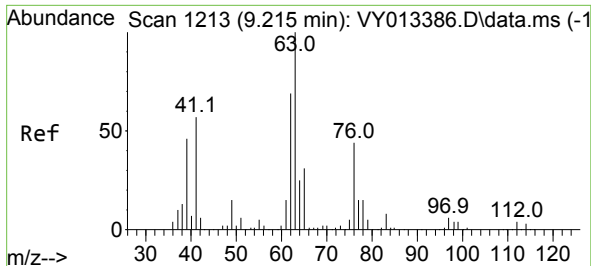
Tgt Ion: 43 Resp: 182069
Ion Ratio Lower Upper
43 100
61 25.2 22.2 33.4
87 11.1 11.0 16.6



#44
Trichloroethene
Concen: 50.681 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion:130 Resp: 90027
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.8

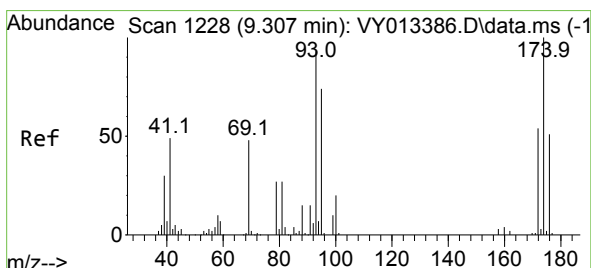
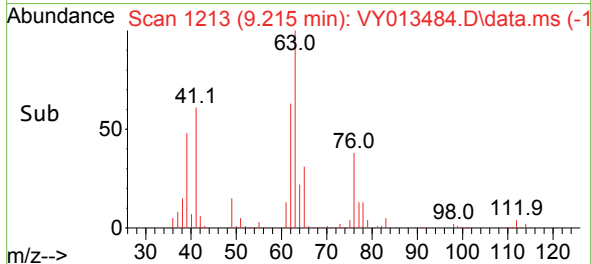
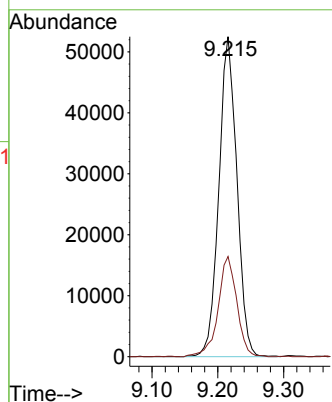
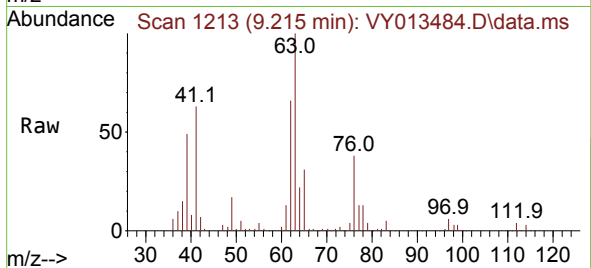




#45
1,2-Dichloropropane
Concen: 57.346 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

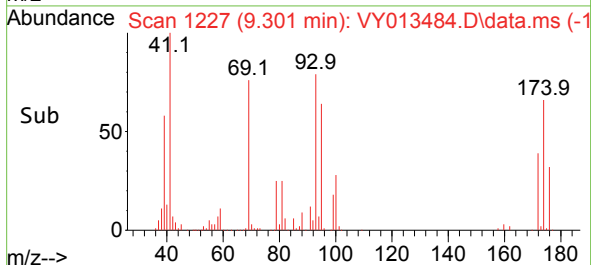
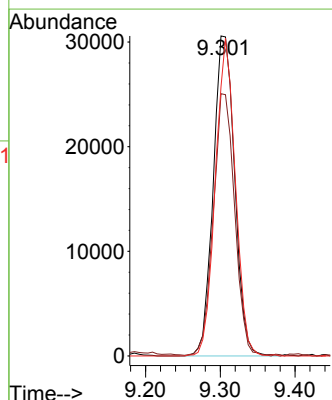
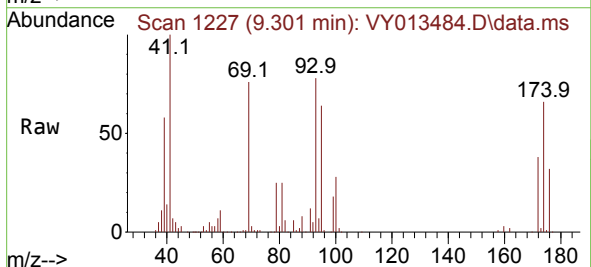
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

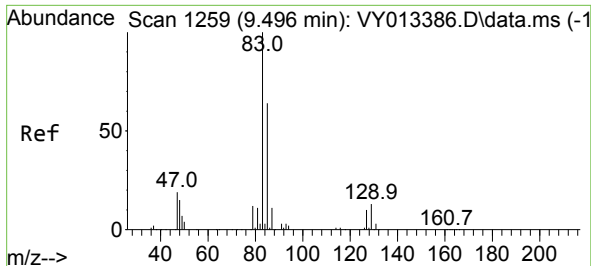
Tgt Ion: 63 Resp: 100129
Ion Ratio Lower Upper
63 100
65 31.3 24.6 37.0



#46
Dibromomethane
Concen: 58.349 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 93 Resp: 60959
Ion Ratio Lower Upper
93 100
95 81.7 67.1 100.7
174 92.4 87.0 130.4

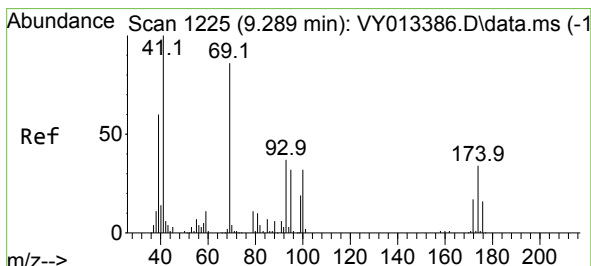
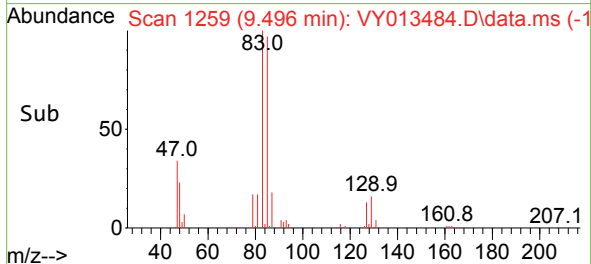
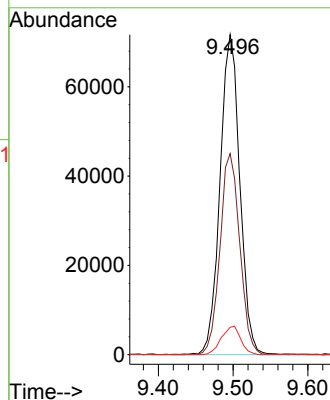
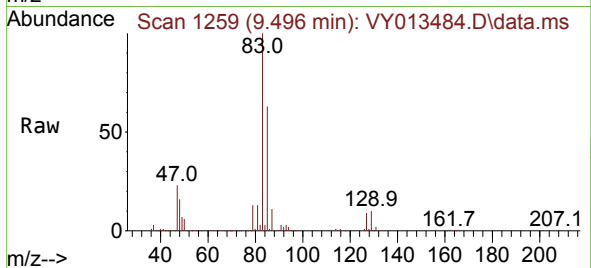




#47
Bromodichloromethane
Concen: 56.490 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

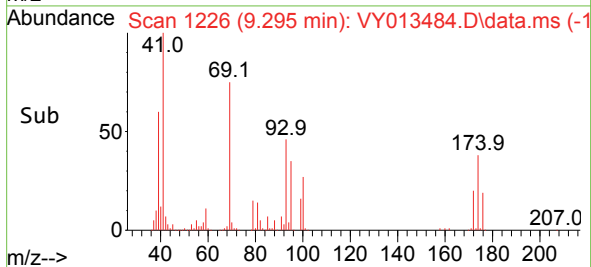
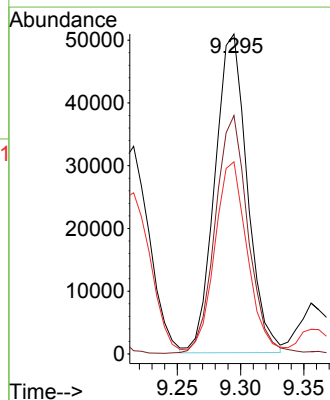
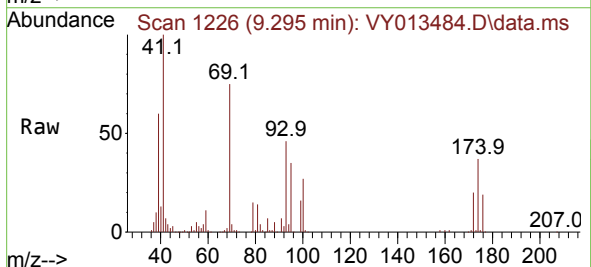
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

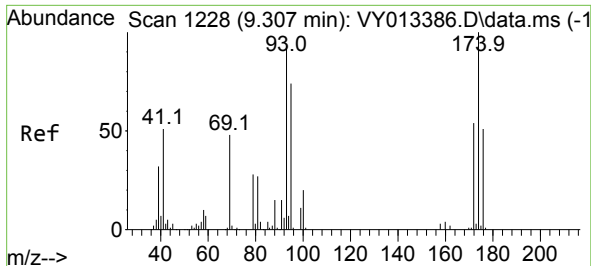
Tgt Ion: 83 Resp: 132056
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.2
127 8.5 8.1 12.1



#48
Methyl methacrylate
Concen: 65.452 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 41 Resp: 90518
Ion Ratio Lower Upper
41 100
69 75.7 70.2 105.4
39 60.6 47.9 71.9

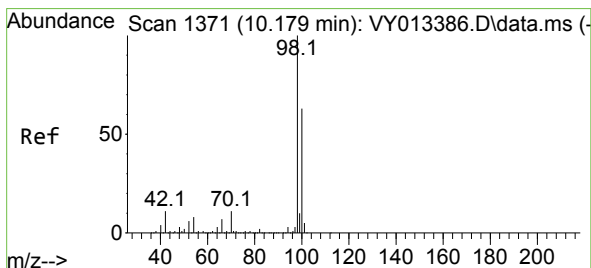
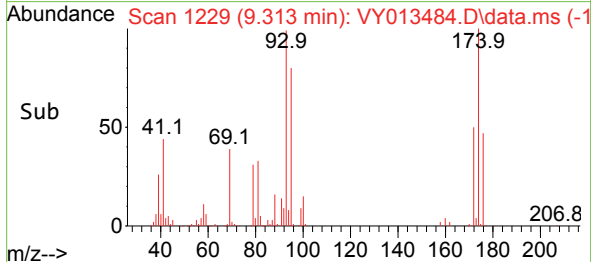
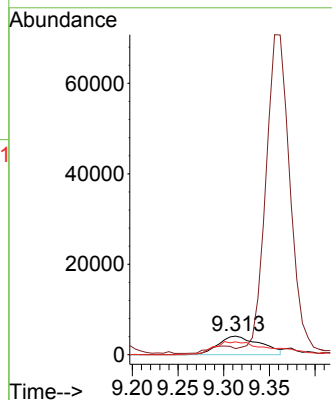
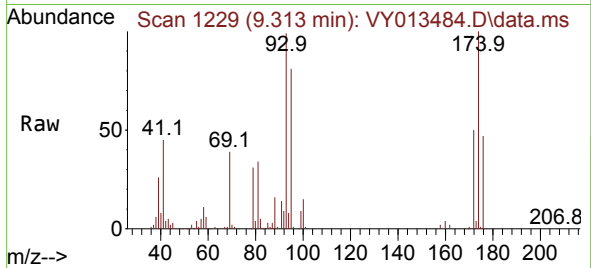




#49
1,4-Dioxane
Concen: 883.326 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

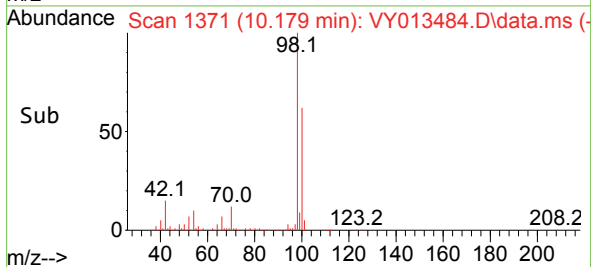
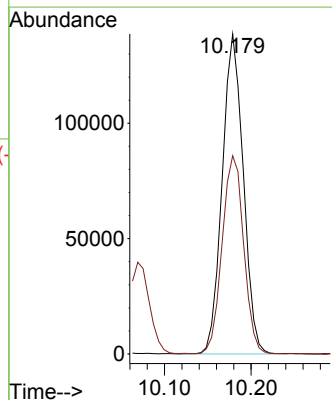
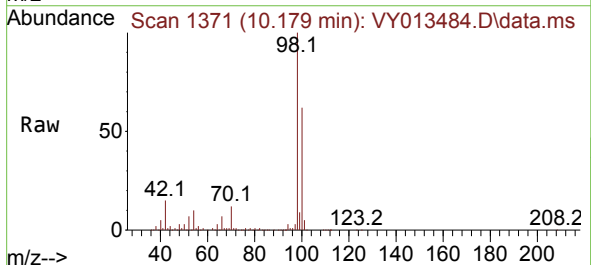
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

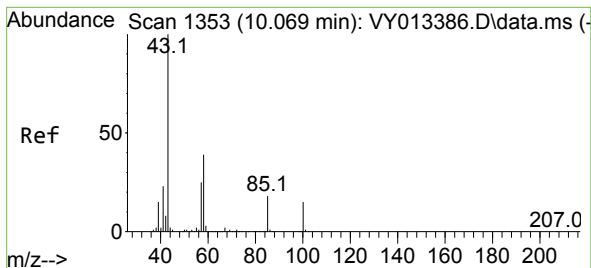
Tgt Ion: 88 Resp: 13180
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 98.6 54.3 81.5#



#50
Toluene-d8
Concen: 46.073 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 98 Resp: 234122
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

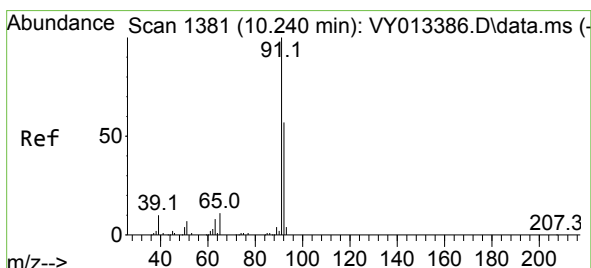
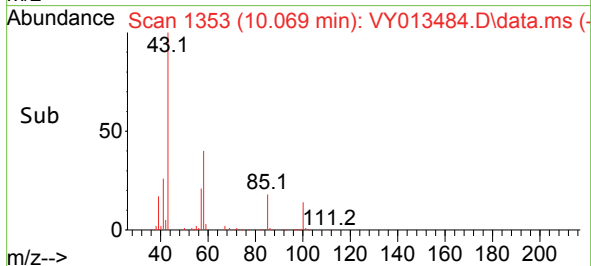
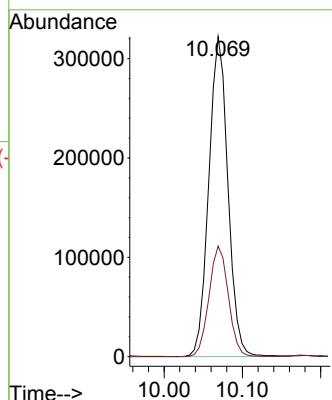
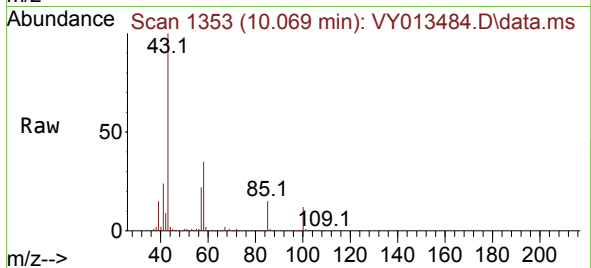




#51
4-Methyl-2-Pentanone
Concen: 324.846 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

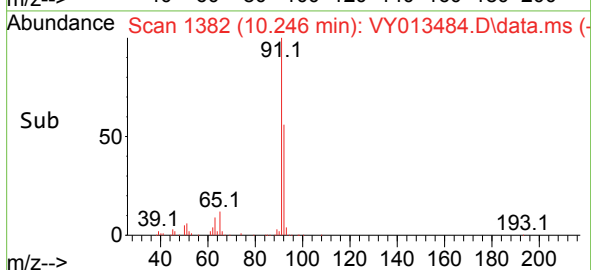
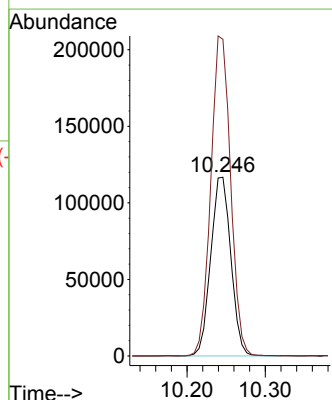
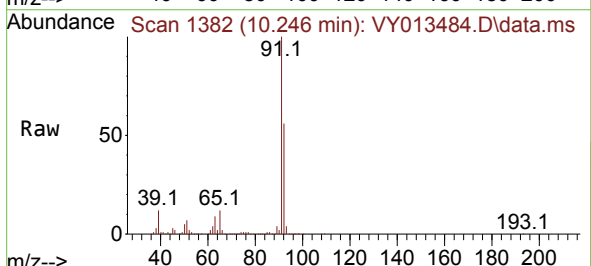
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

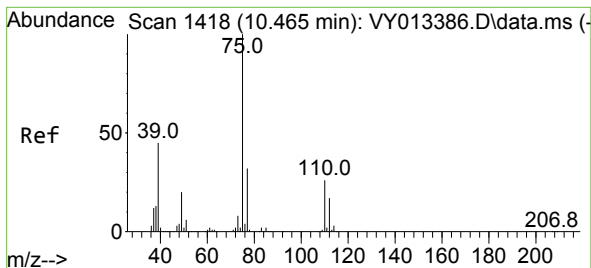
Tgt Ion: 43 Resp: 545092
Ion Ratio Lower Upper
43 100
58 35.0 30.6 46.0



#52
Toluene
Concen: 51.788 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 92 Resp: 208116
Ion Ratio Lower Upper
92 100
91 176.3 140.2 210.4

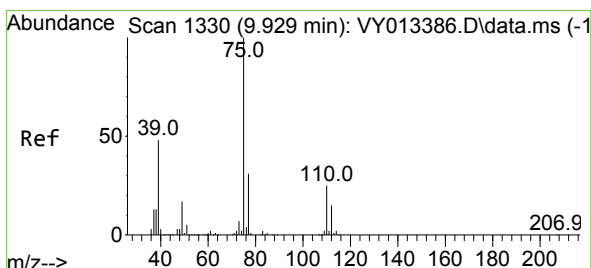
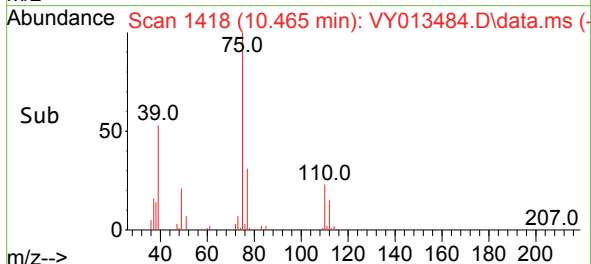
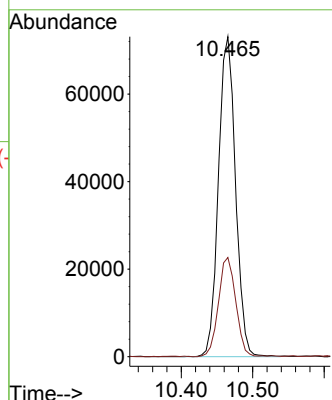
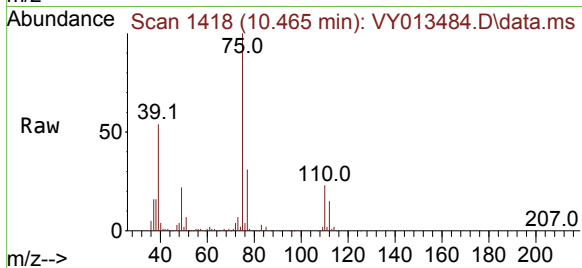




#53
t-1,3-Dichloropropene
Concen: 48.998 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

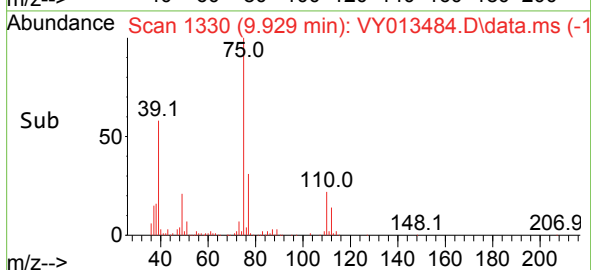
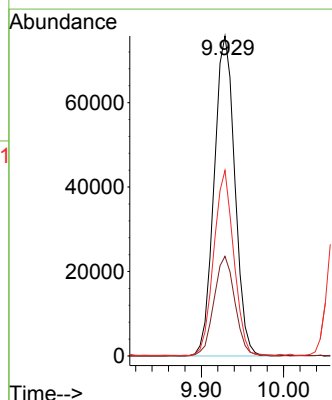
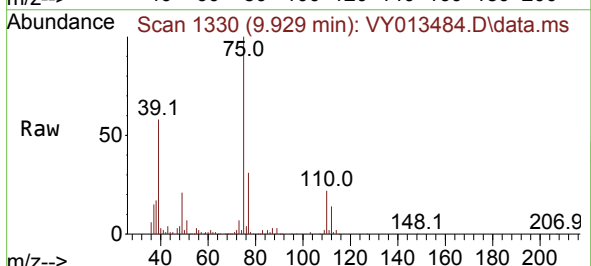
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

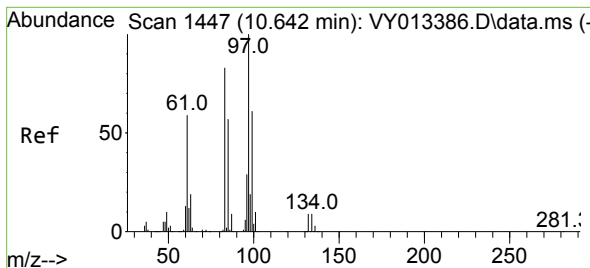
Tgt Ion: 75 Resp: 121225
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 47.672 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 75 Resp: 132716
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 57.8 38.1 57.1#





#55

1,1,2-Trichloroethane

Concen: 58.725 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

Tgt Ion: 97 Resp: 81247

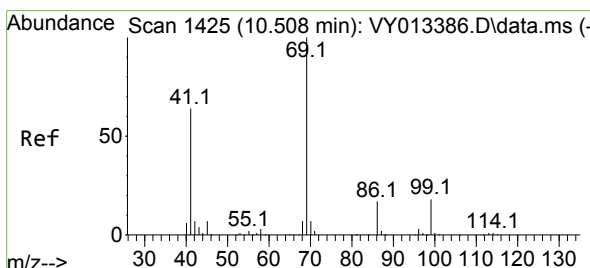
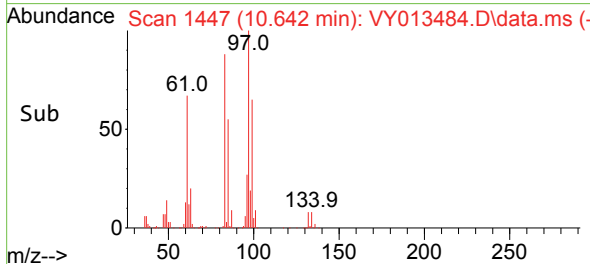
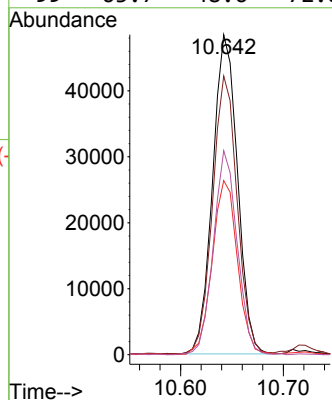
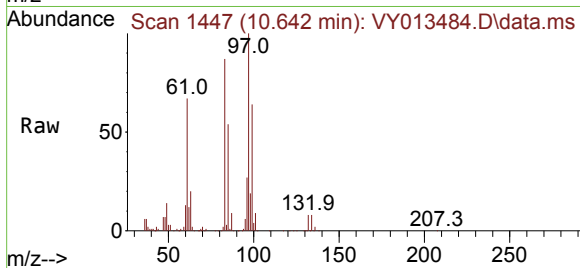
Ion Ratio Lower Upper

97 100

83 87.1 66.4 99.6

85 54.4 45.6 68.4

99 63.7 48.6 72.8



#56

Ethyl methacrylate

Concen: 59.634 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

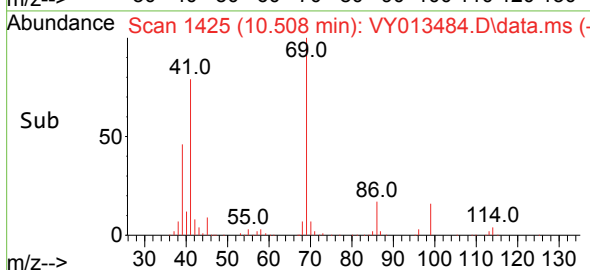
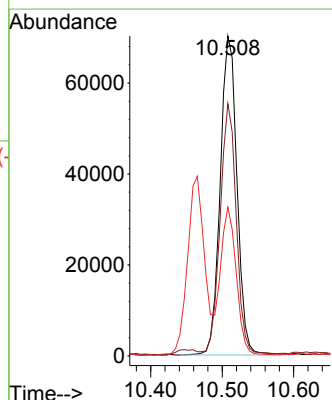
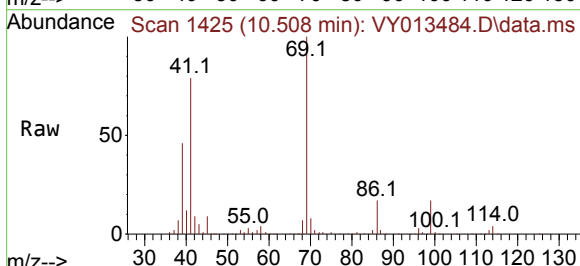
Tgt Ion: 69 Resp: 114464

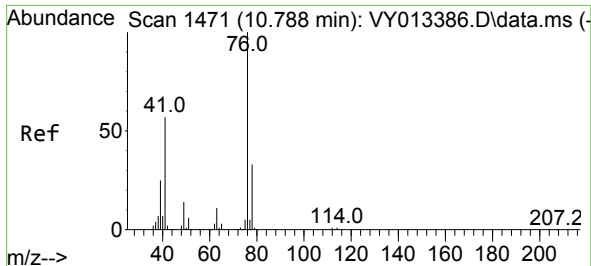
Ion Ratio Lower Upper

69 100

41 75.6 51.4 77.0

39 42.0 29.0 43.6





#57

1,3-Dichloropropane

Concen: 58.490 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

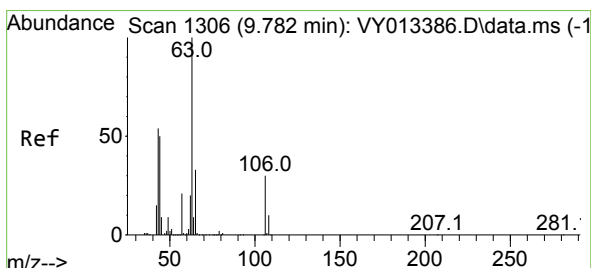
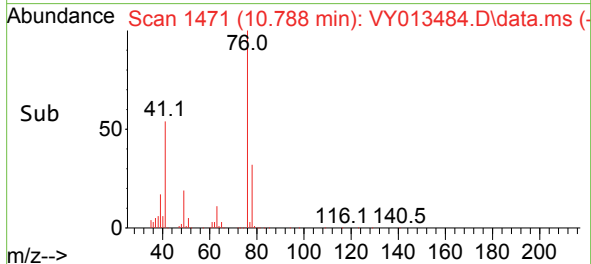
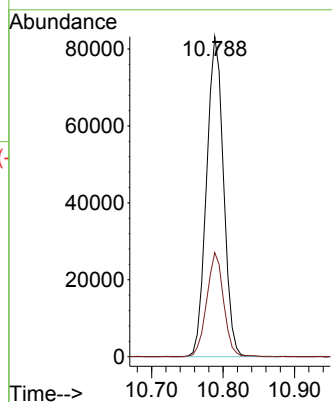
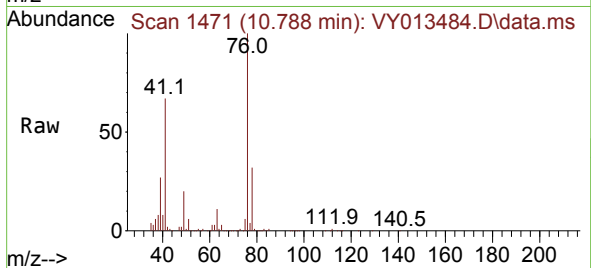
20230200-2-2MSD

Tgt Ion: 76 Resp: 137050

Ion Ratio Lower Upper

76 100

78 32.4 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 271.265 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013484.D

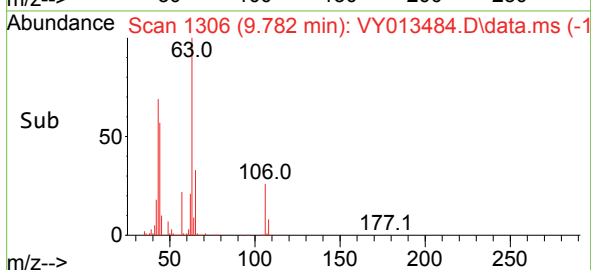
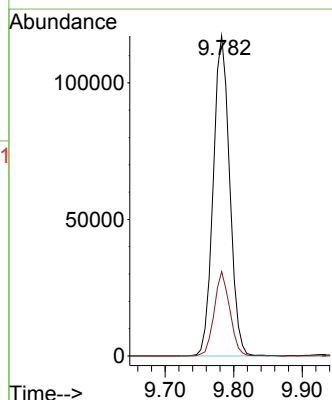
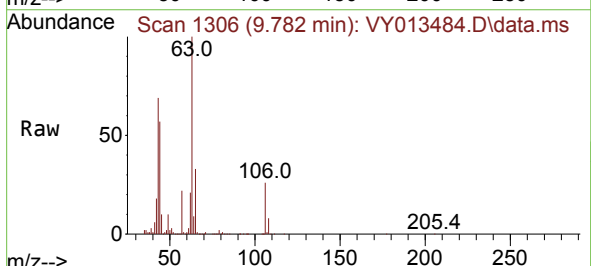
Acq: 26 Apr 2023 19:22

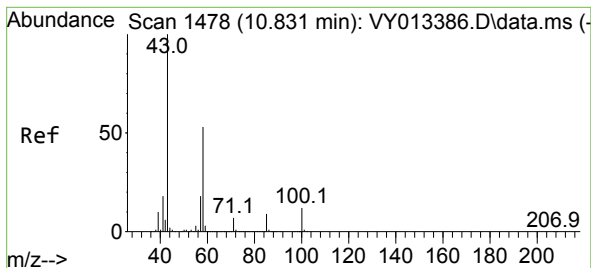
Tgt Ion: 63 Resp: 195245

Ion Ratio Lower Upper

63 100

106 25.0 23.5 35.3

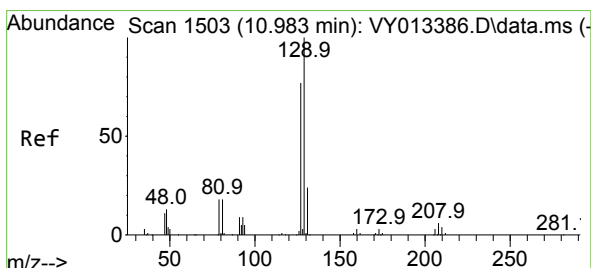
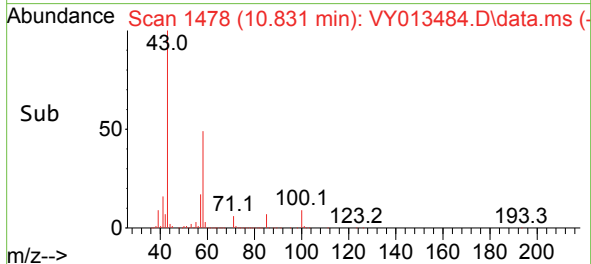
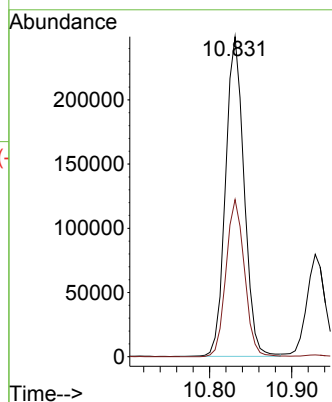
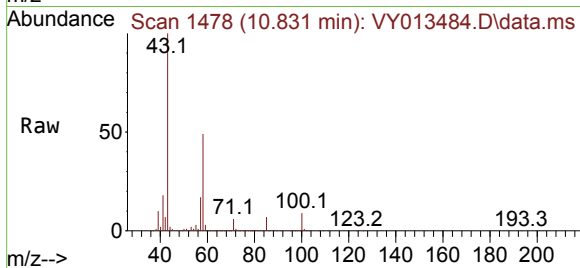




#59
2-Hexanone
Concen: 319.371 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

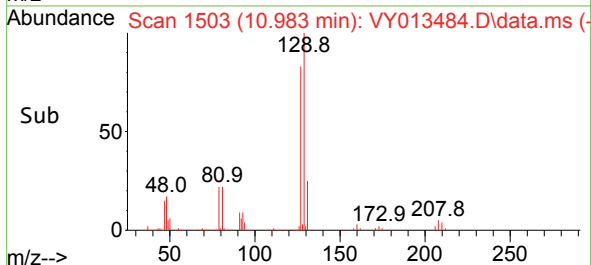
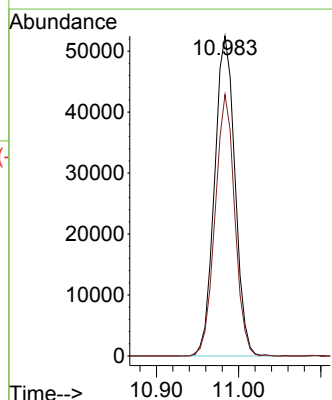
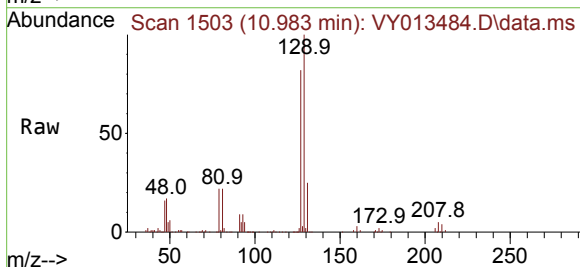
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

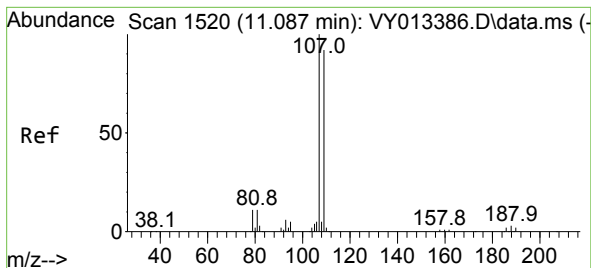
Tgt Ion: 43 Resp: 389560
Ion Ratio Lower Upper
43 100
58 48.9 26.3 78.8



#60
Dibromochloromethane
Concen: 53.835 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 129 Resp: 90439
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

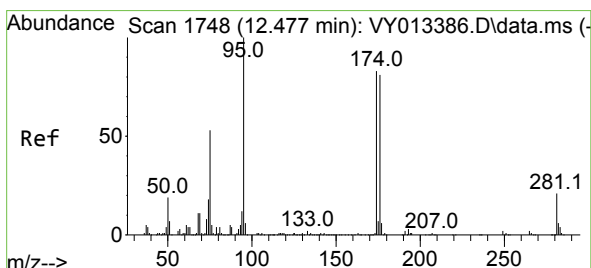
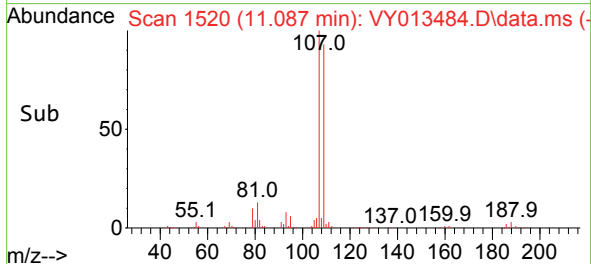
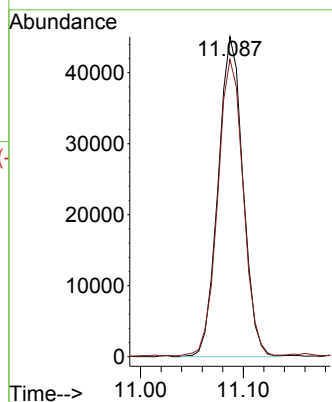
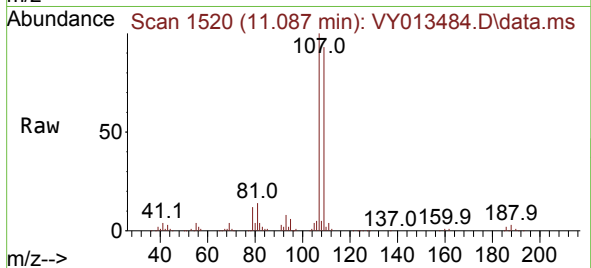




#61
 1,2-Dibromoethane
 Concen: 55.633 ug/l
 RT: 11.087 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: VY013484.D
 Acq: 26 Apr 2023 19:22

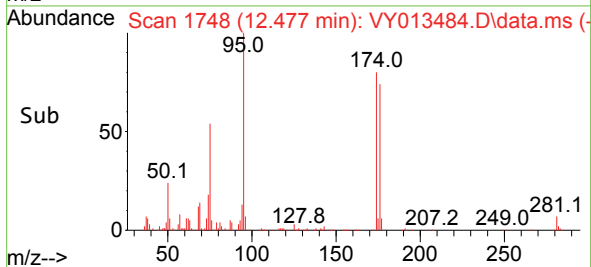
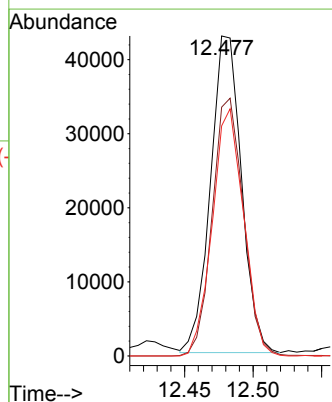
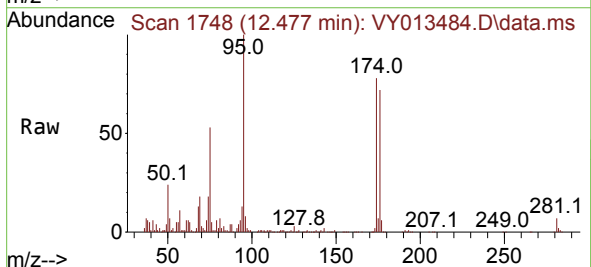
Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MSD

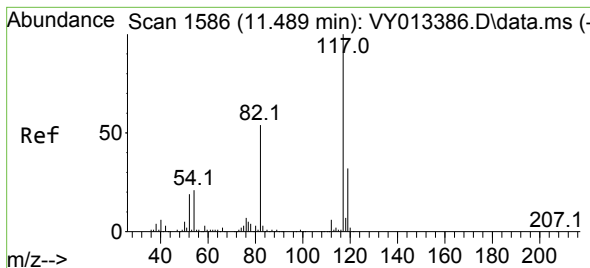
Tgt Ion:107 Resp: 75674
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 39.172 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY013484.D
 Acq: 26 Apr 2023 19:22

Tgt Ion: 95 Resp: 67106
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 182.0
 176 79.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

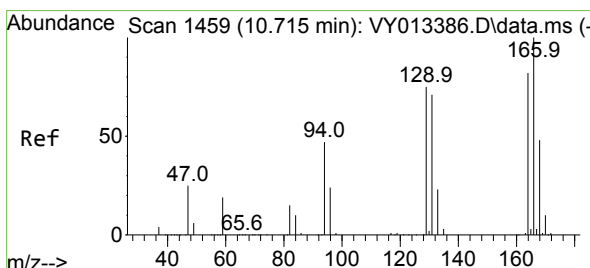
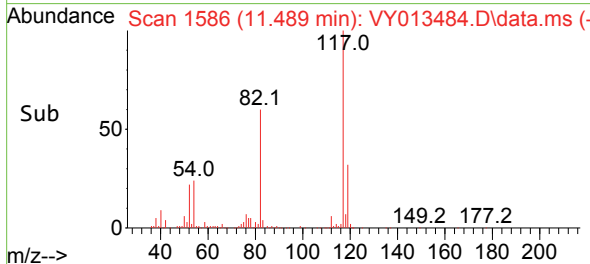
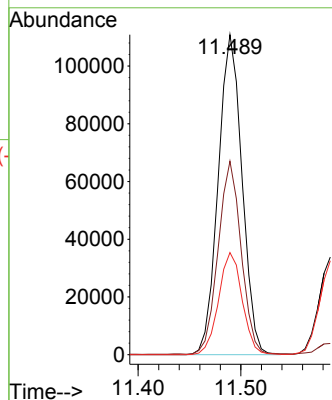
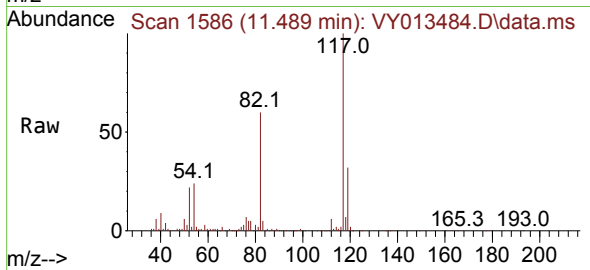
Tgt Ion:117 Resp: 178349

Ion Ratio Lower Upper

117 100

82 60.2 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 51.857 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Tgt Ion:164 Resp: 70327

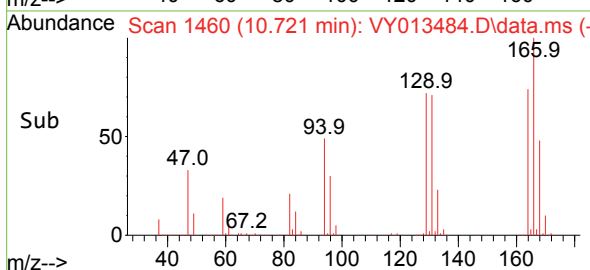
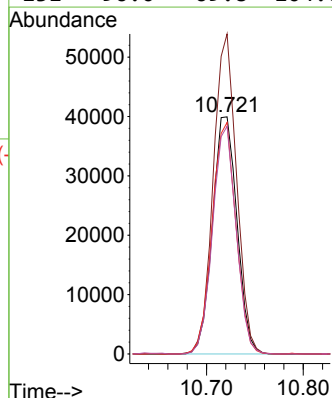
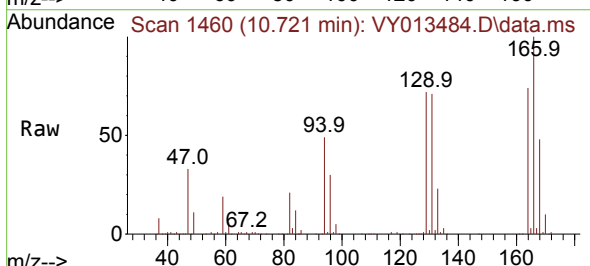
Ion Ratio Lower Upper

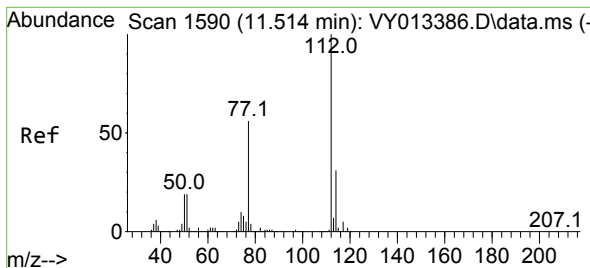
164 100

166 135.0 97.5 146.3

129 97.6 72.6 109.0

131 96.0 69.8 104.6

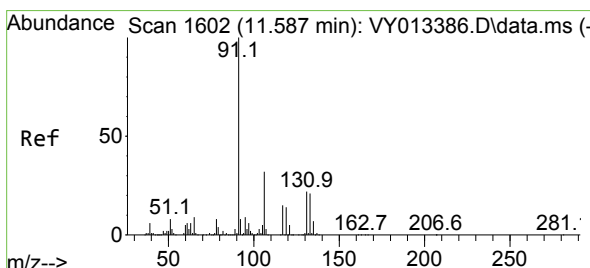
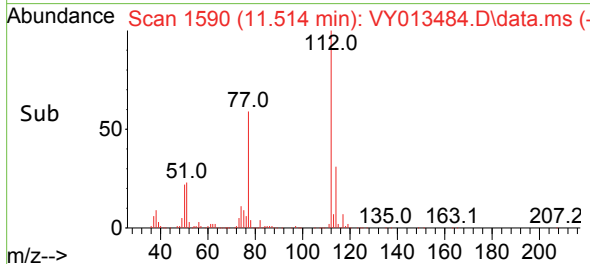
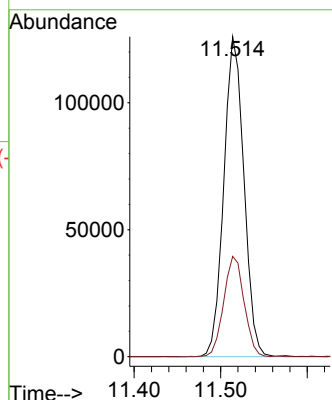
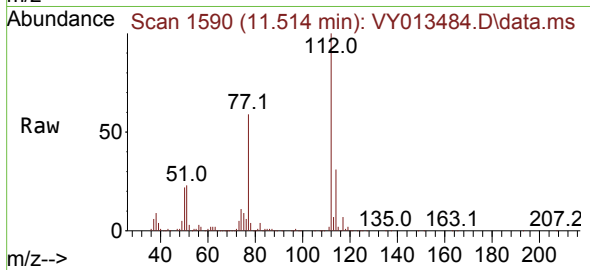




#65
Chlorobenzene
Concen: 52.250 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

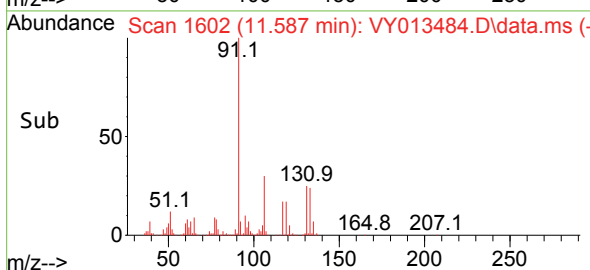
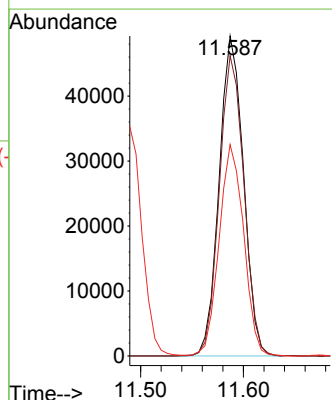
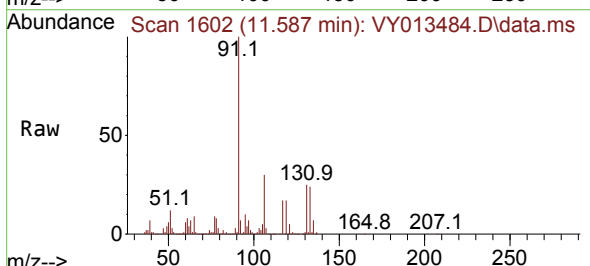
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

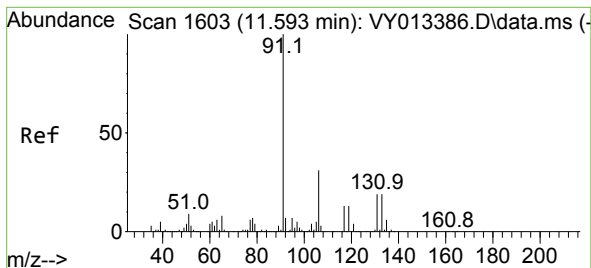
Tgt Ion:112 Resp: 202996
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.600 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion:131 Resp: 80788
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 66.8 32.6 98.0





#67

Ethyl Benzene

Concen: 49.775 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

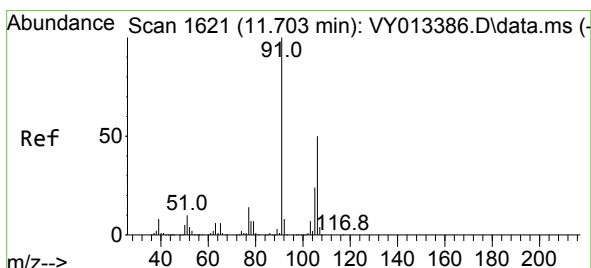
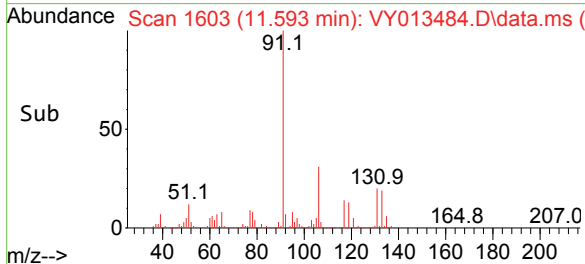
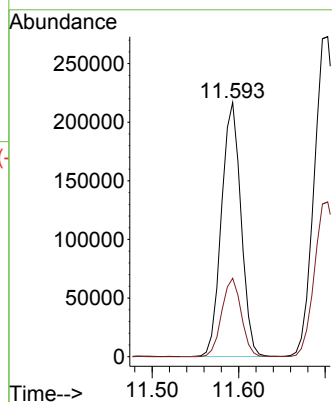
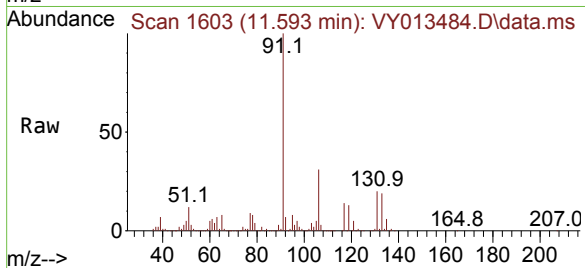
20230200-2-2MSD

Tgt Ion: 91 Resp: 339576

Ion Ratio Lower Upper

91 100

106 30.9 25.1 37.7



#68

m/p-Xylenes

Concen: 94.958 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013484.D

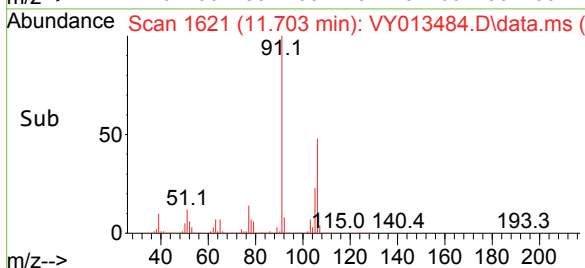
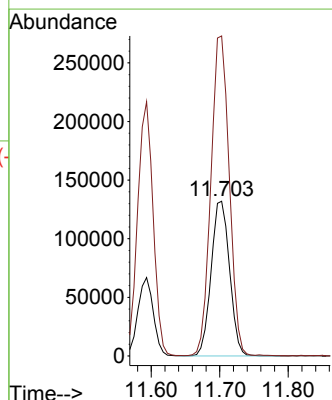
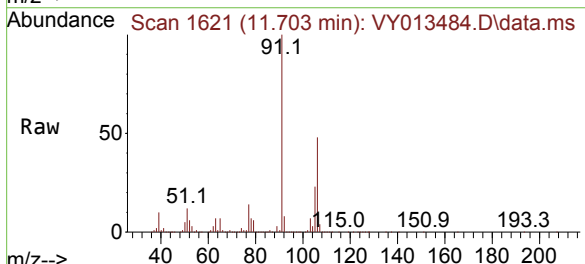
Acq: 26 Apr 2023 19:22

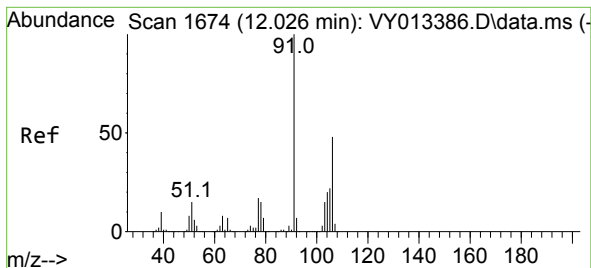
Tgt Ion: 106 Resp: 246275

Ion Ratio Lower Upper

106 100

91 205.6 160.9 241.3





#69

o-Xylene

Concen: 51.960 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

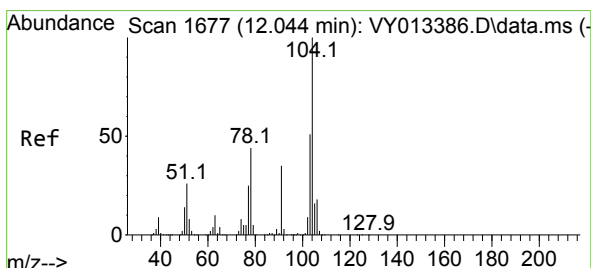
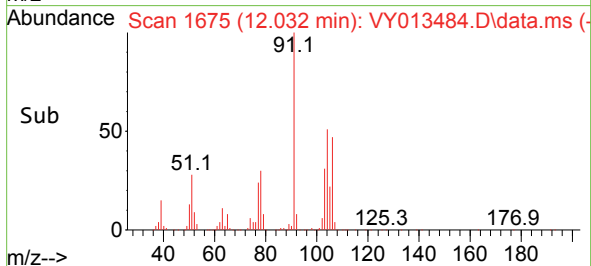
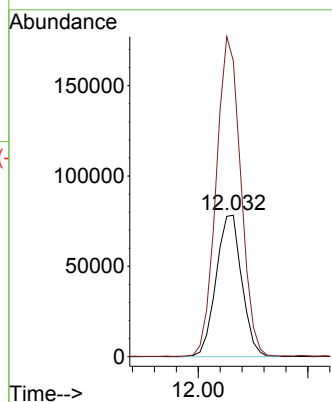
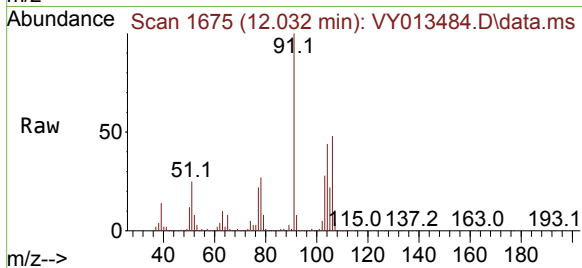
20230200-2-2MSD

Tgt Ion:106 Resp: 127449

Ion Ratio Lower Upper

106 100

91 216.5 105.5 316.4



#70

Styrene

Concen: 46.480 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

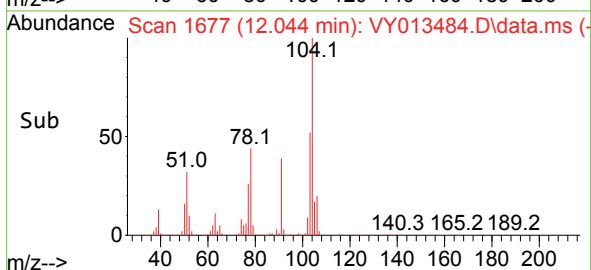
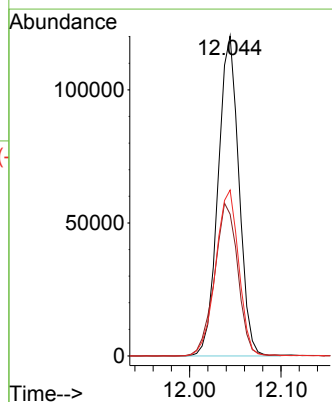
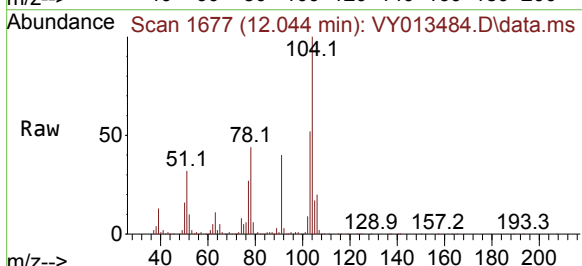
Tgt Ion:104 Resp: 190622

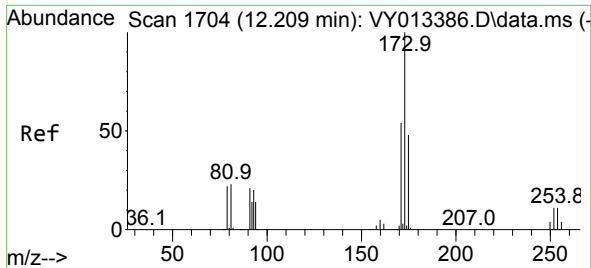
Ion Ratio Lower Upper

104 100

78 53.7 40.3 60.5

103 57.5 45.0 67.4

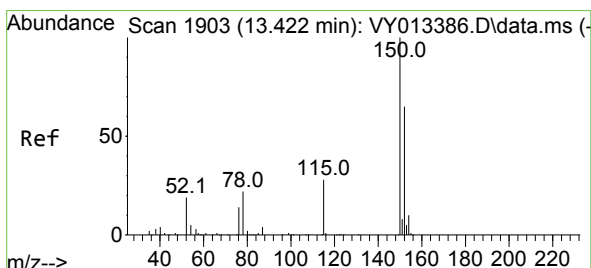
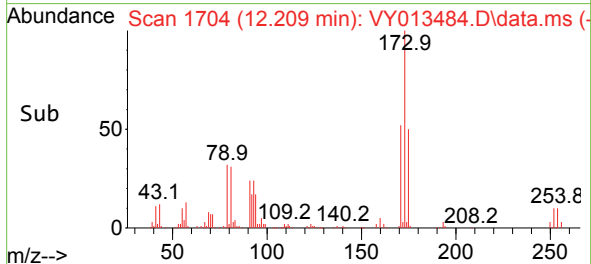
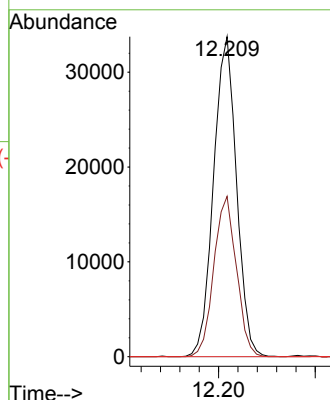
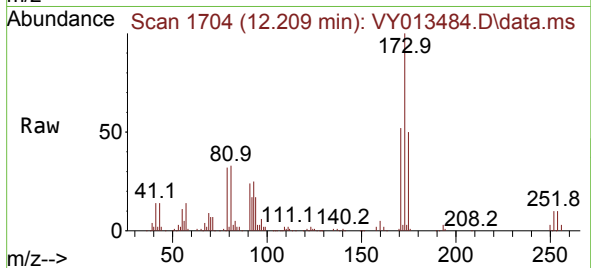




#71
Bromoform
Concen: 54.641 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

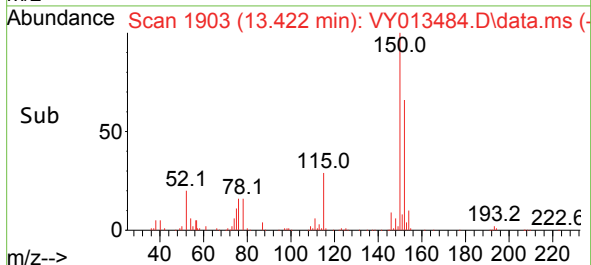
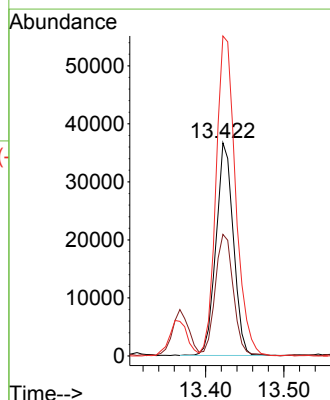
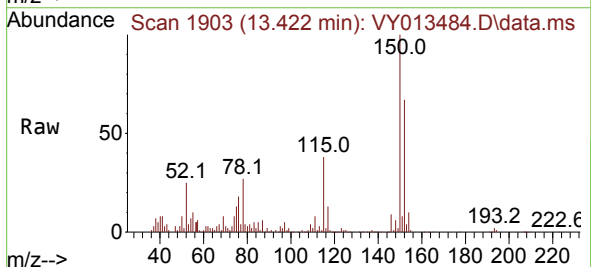
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

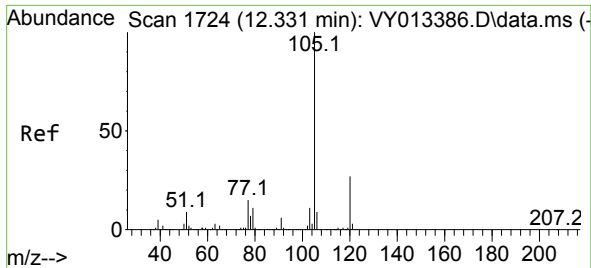
Tgt Ion:173 Resp: 55612
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion:152 Resp: 56522
Ion Ratio Lower Upper
152 100
115 60.2 28.1 84.2
150 168.9 0.0 352.0

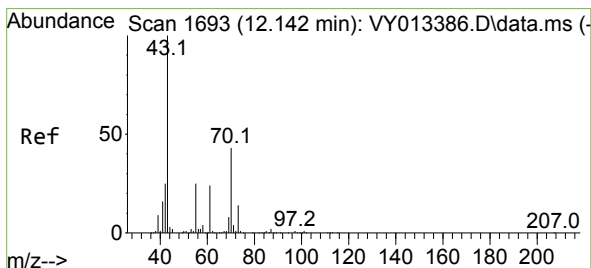
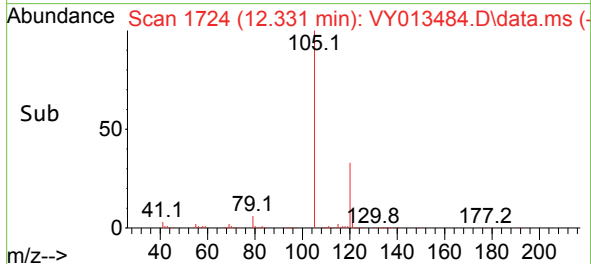
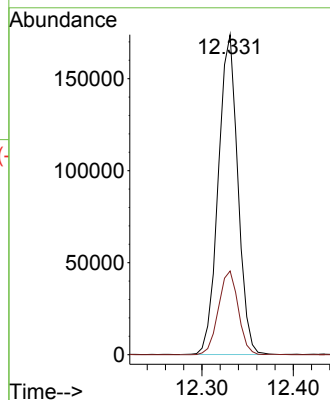
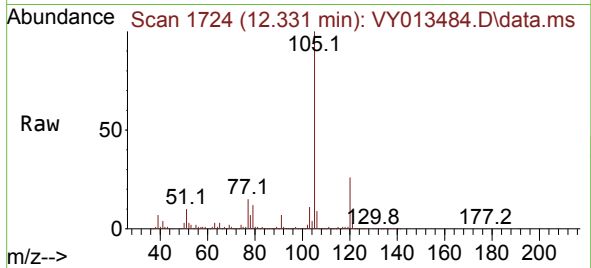




#73
Isopropylbenzene
Concen: 60.541 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

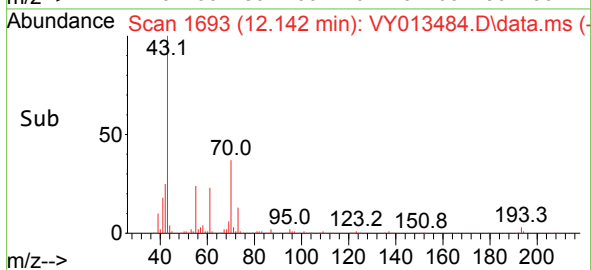
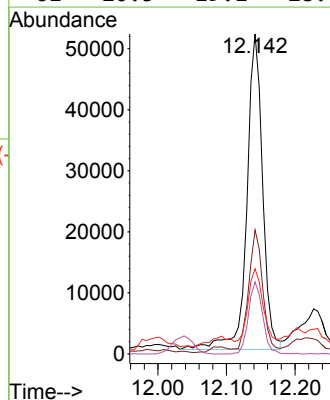
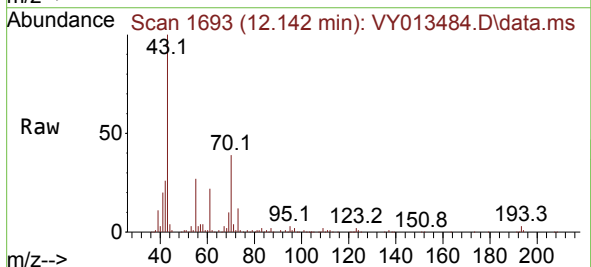
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

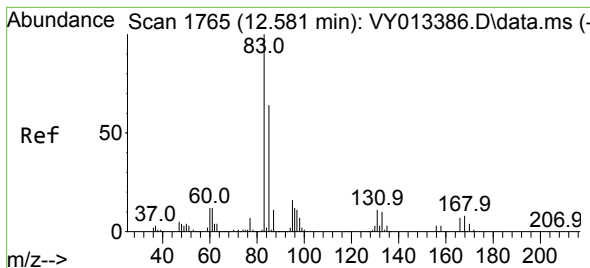
Tgt Ion:105 Resp: 258819
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0



#74
N-ethyl acetate
Concen: 54.606 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 43 Resp: 83074
Ion Ratio Lower Upper
43 100
70 35.1 33.0 49.4
55 20.8 19.8 29.6
61 20.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 94.367 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

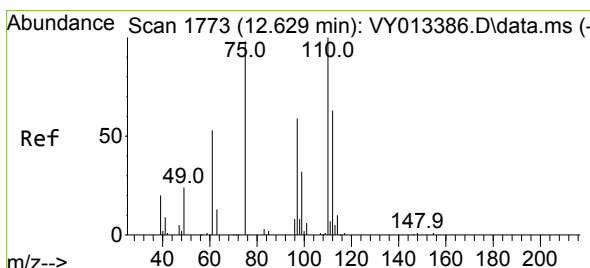
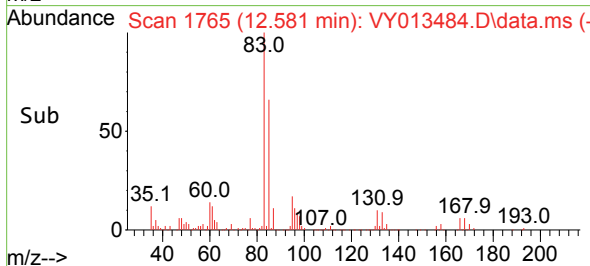
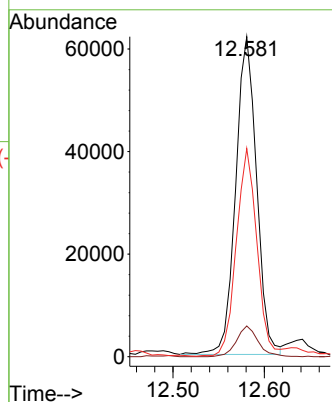
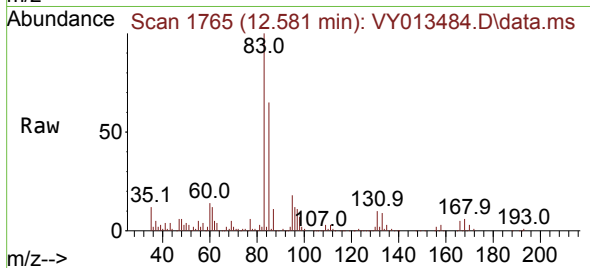
Tgt Ion: 83 Resp: 98609

Ion Ratio Lower Upper

83 100

131 10.0 5.7 17.0

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 148.586 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013484.D

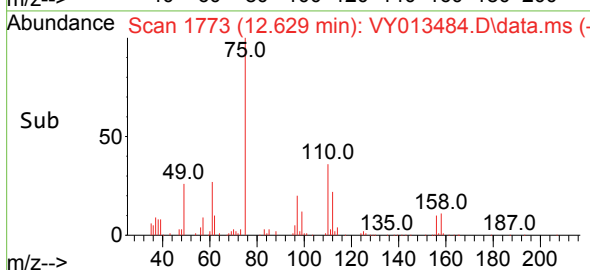
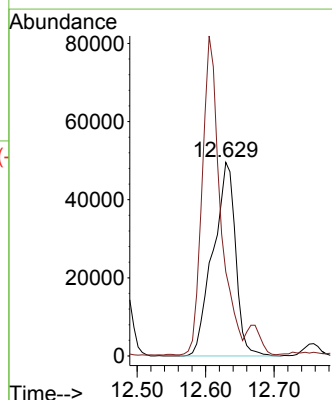
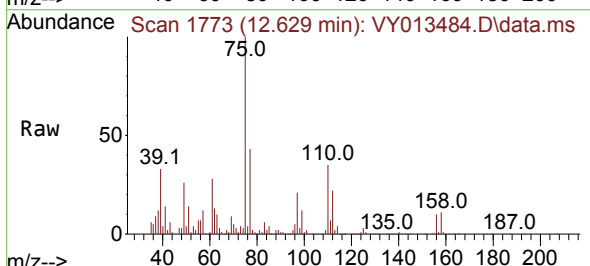
Acq: 26 Apr 2023 19:22

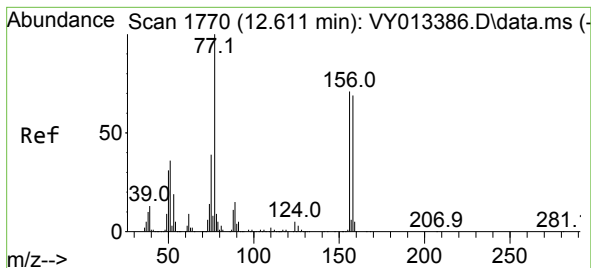
Tgt Ion: 75 Resp: 113262

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 69.814 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

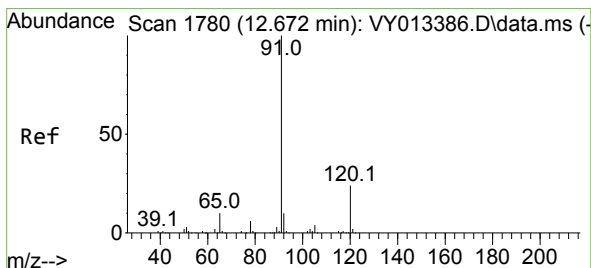
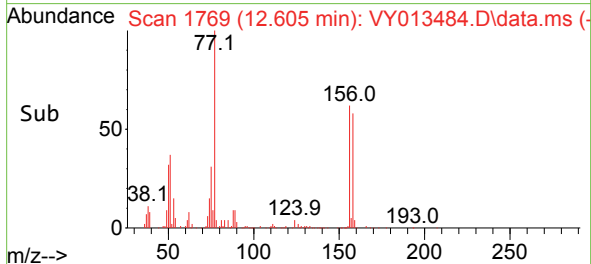
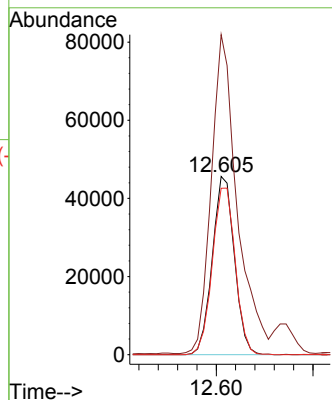
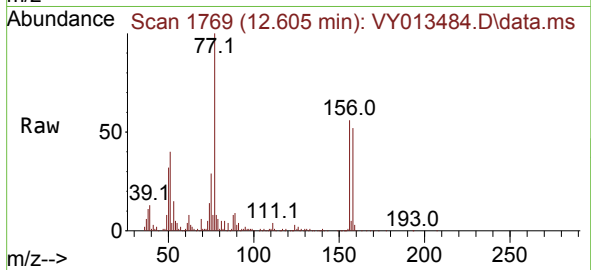
Tgt Ion:156 Resp: 72319

Ion Ratio Lower Upper

156 100

77 208.7 87.6 262.9

158 97.3 48.5 145.5



#78

n-propylbenzene

Concen: 52.003 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013484.D

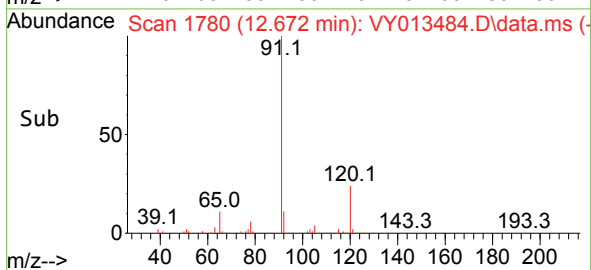
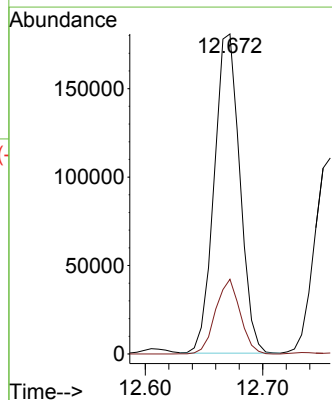
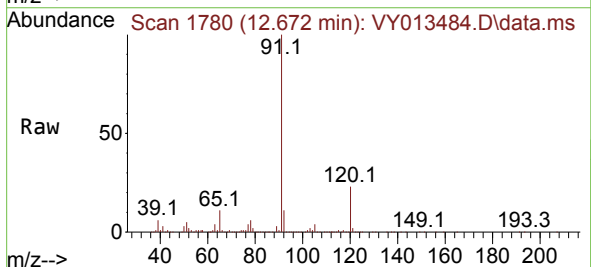
Acq: 26 Apr 2023 19:22

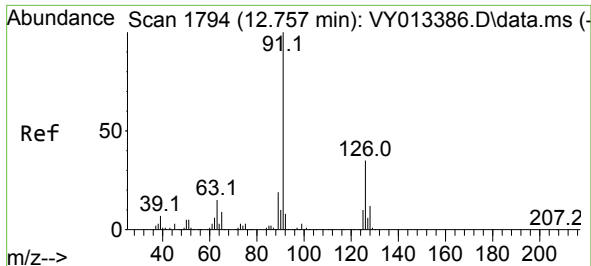
Tgt Ion: 91 Resp: 273836

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9

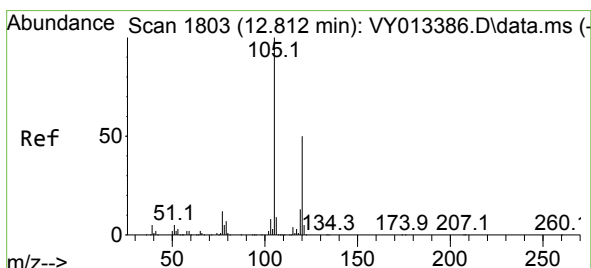
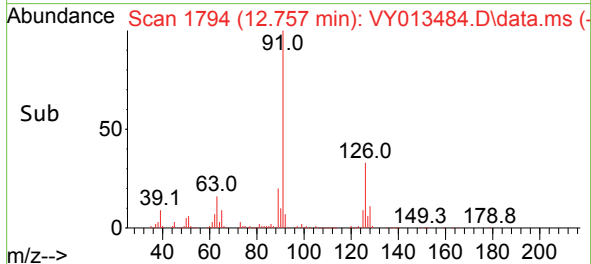
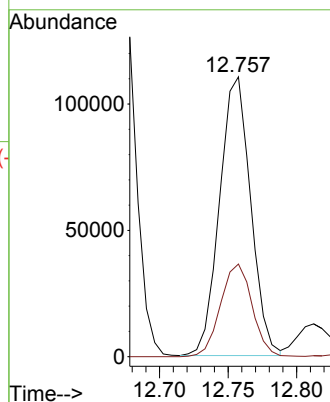
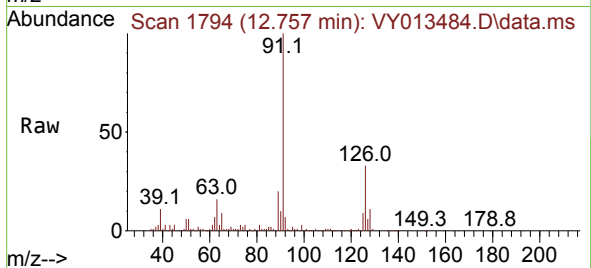




#79
2-Chlorotoluene
Concen: 59.255 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

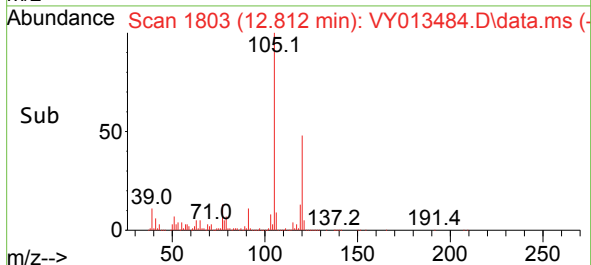
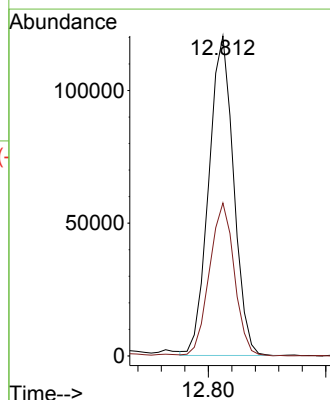
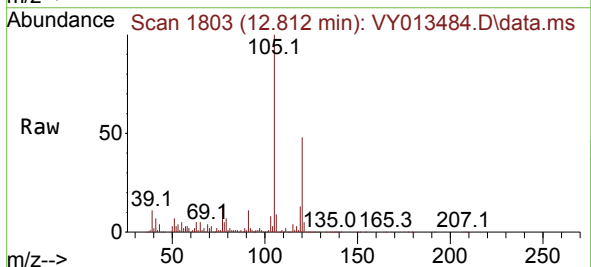
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

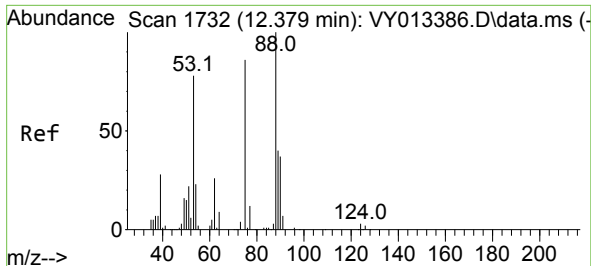
Tgt Ion: 91 Resp: 174243
Ion Ratio Lower Upper
91 100
126 33.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 50.724 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 105 Resp: 176993
Ion Ratio Lower Upper
105 100
120 47.8 24.7 74.1

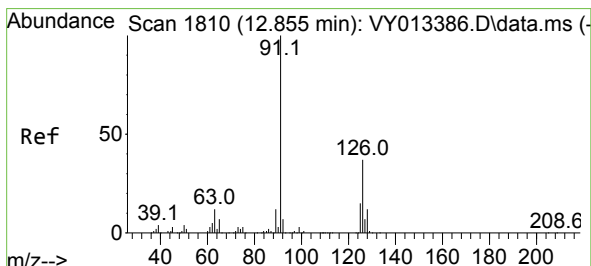
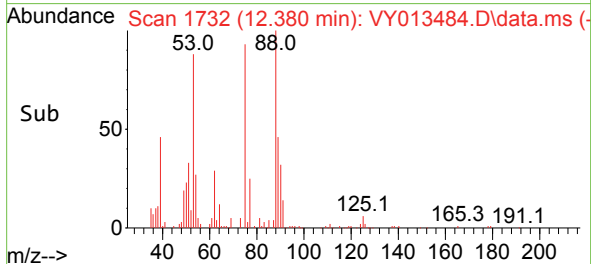
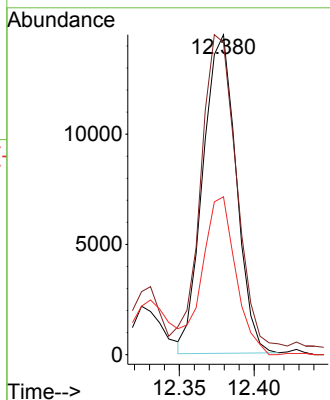
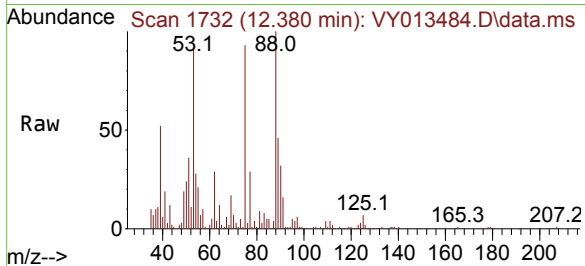




#81
trans-1,4-Dichloro-2-butene
Concen: 59.926 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

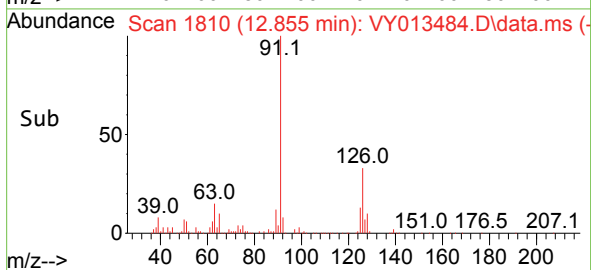
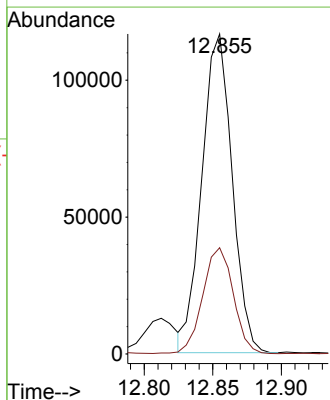
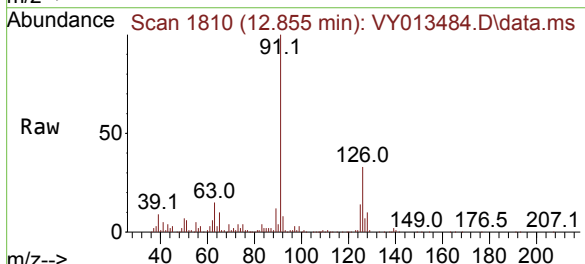
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

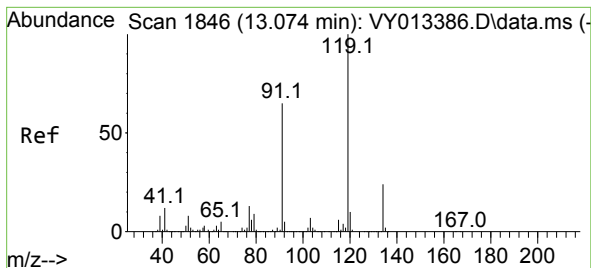
Tgt Ion: 75 Resp: 22331
Ion Ratio Lower Upper
75 100
53 103.0 73.2 109.8
89 50.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 58.314 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion: 91 Resp: 178728
Ion Ratio Lower Upper
91 100
126 33.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 44.923 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

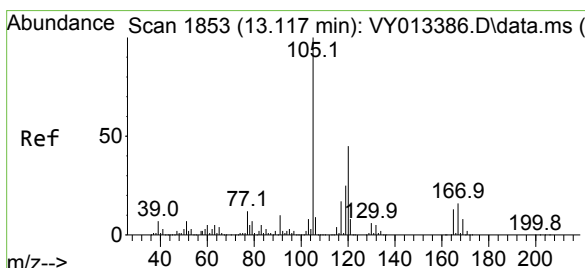
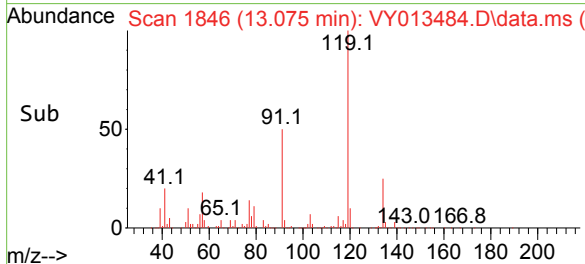
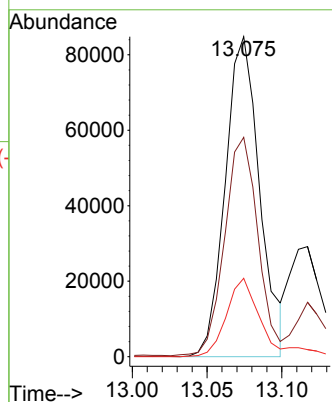
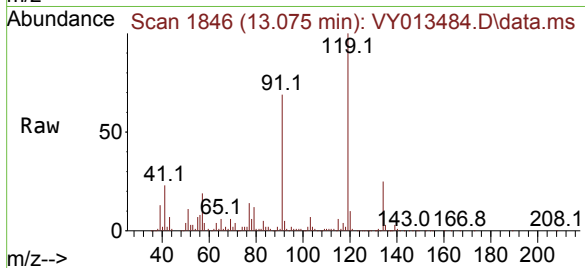
Tgt Ion:119 Resp: 135804

Ion Ratio Lower Upper

119 100

91 65.9 32.2 96.6

134 25.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.668 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013484.D

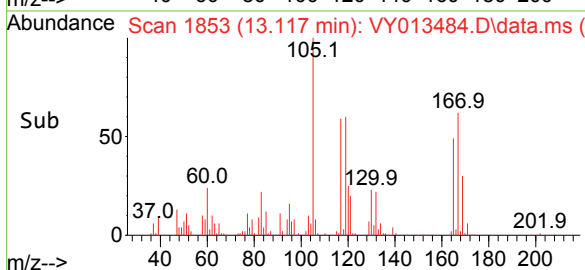
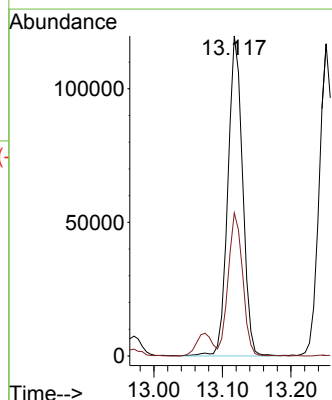
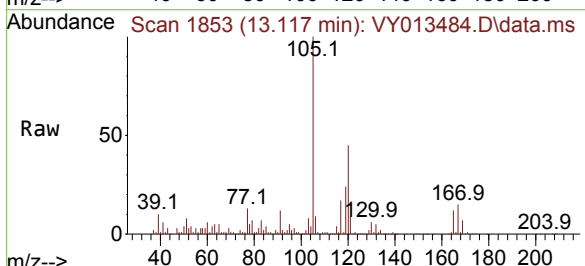
Acq: 26 Apr 2023 19:22

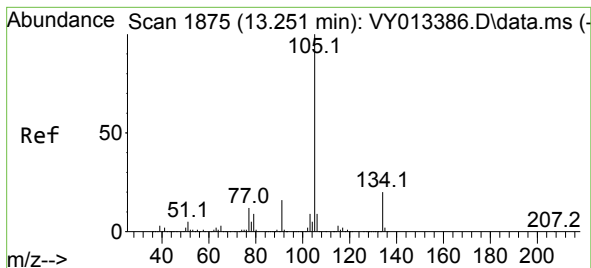
Tgt Ion:105 Resp: 178675

Ion Ratio Lower Upper

105 100

120 43.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 37.624 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

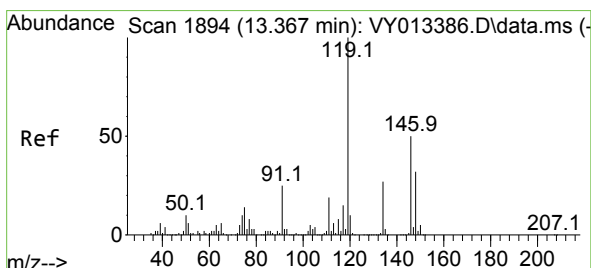
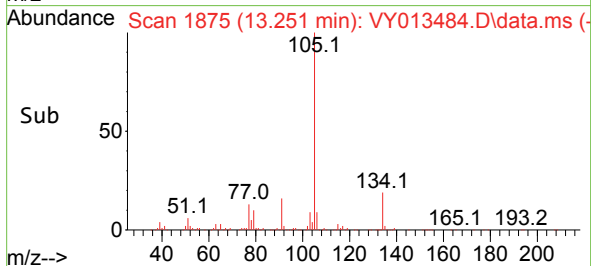
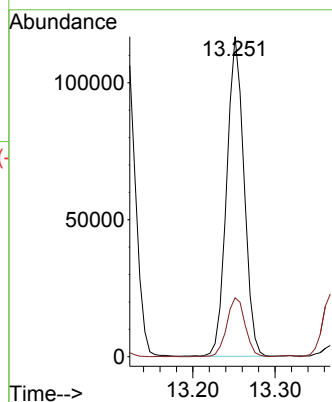
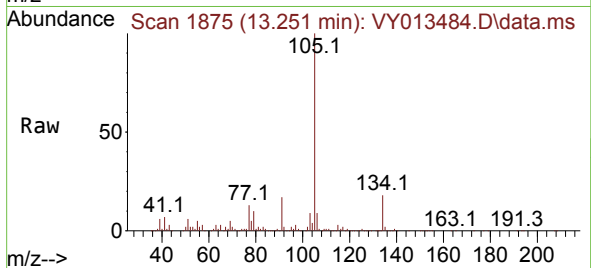
20230200-2-2MSD

Tgt Ion:105 Resp: 170700

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 36.455 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

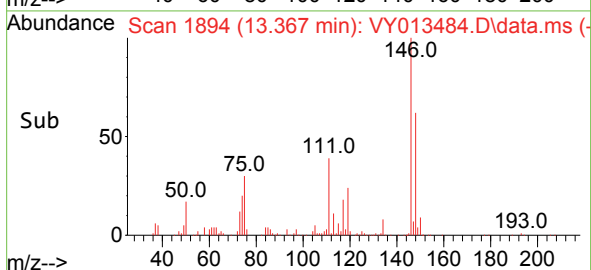
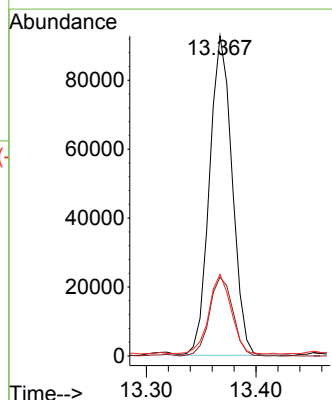
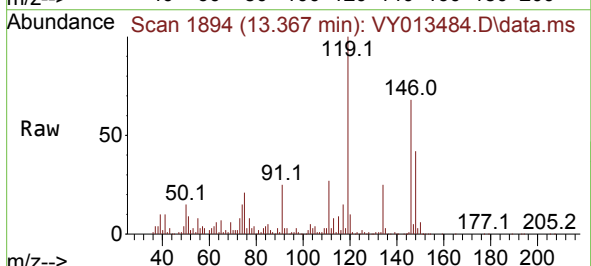
Tgt Ion:119 Resp: 133008

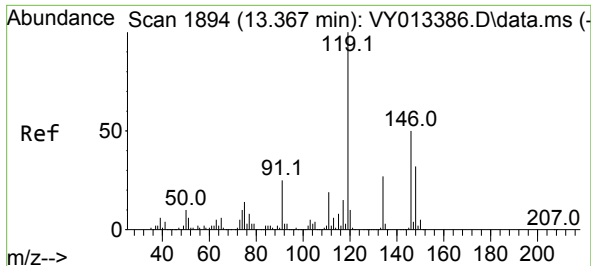
Ion Ratio Lower Upper

119 100

134 25.5 13.4 40.2

91 24.6 12.1 36.3

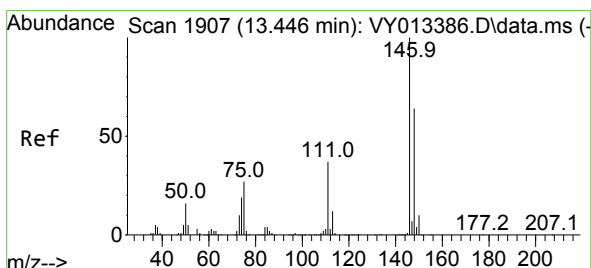
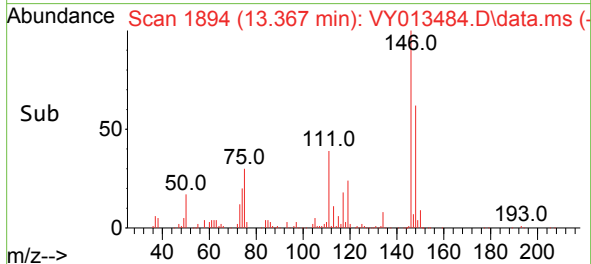
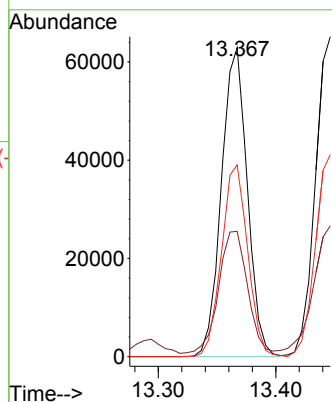
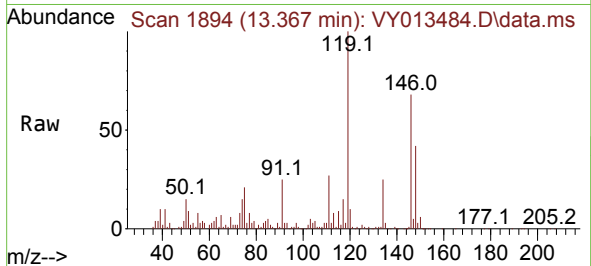




#87
1,3-Dichlorobenzene
Concen: 48.745 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

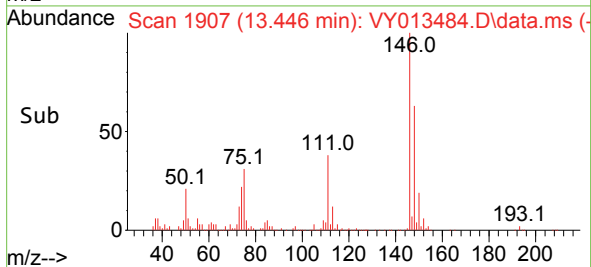
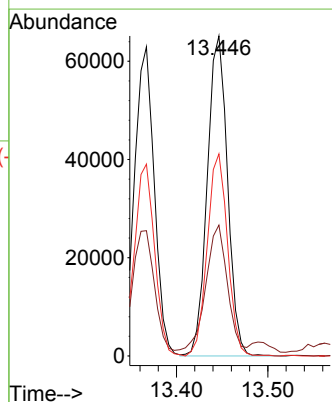
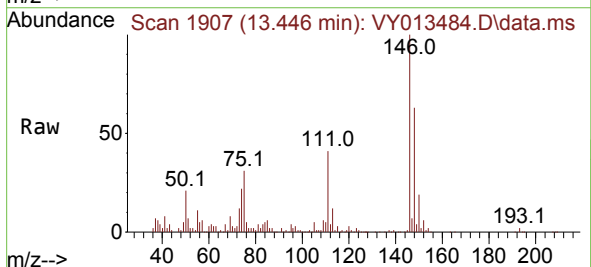
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

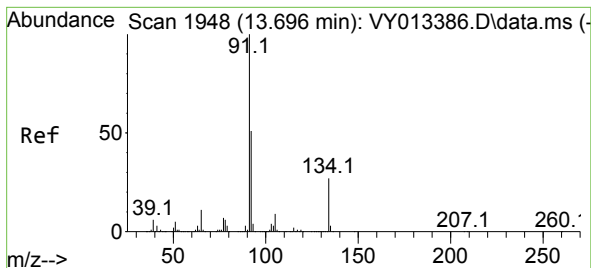
Tgt Ion:146 Resp: 96199
Ion Ratio Lower Upper
146 100
111 43.8 19.3 57.9
148 62.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.224 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion:146 Resp: 100125
Ion Ratio Lower Upper
146 100
111 41.8 18.9 56.5
148 63.5 31.9 95.5





#89

n-Butylbenzene

Concen: 30.427 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

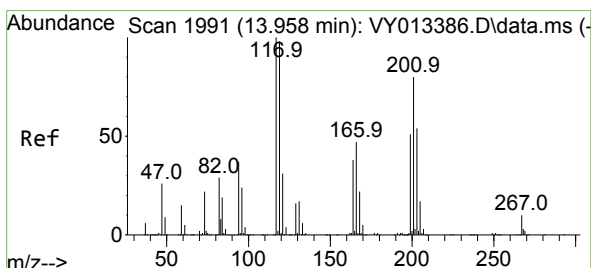
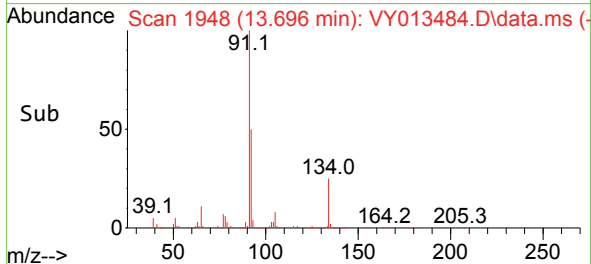
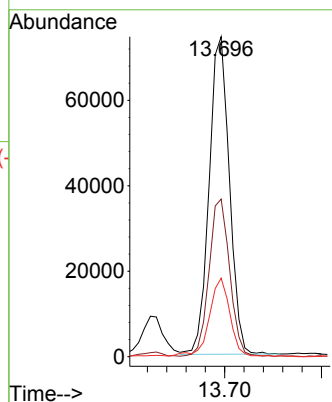
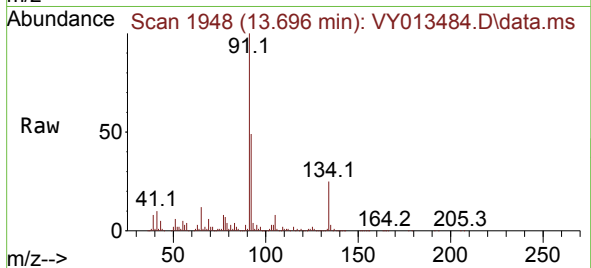
Tgt Ion: 91 Resp: 108352

Ion Ratio Lower Upper

91 100

92 50.6 25.8 77.3

134 25.5 13.5 40.4



#90

Hexachloroethane

Concen: 26.032 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013484.D

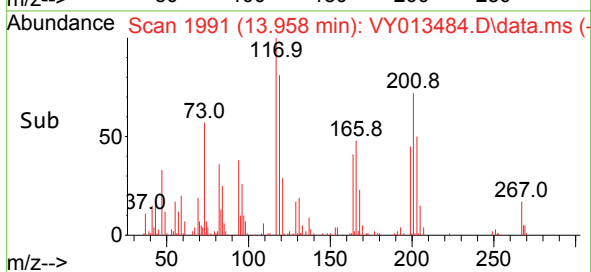
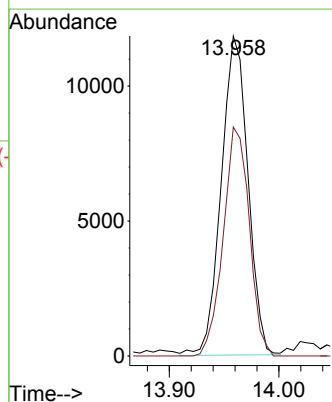
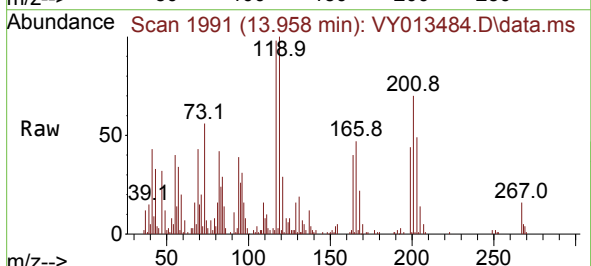
Acq: 26 Apr 2023 19:22

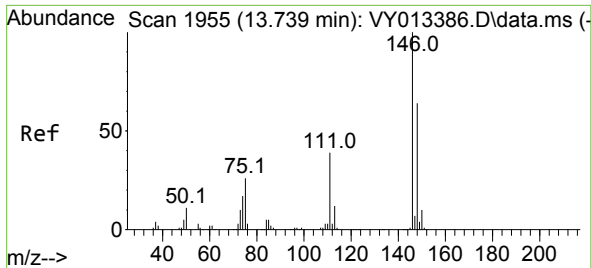
Tgt Ion: 117 Resp: 19990

Ion Ratio Lower Upper

117 100

201 69.9 41.6 124.8

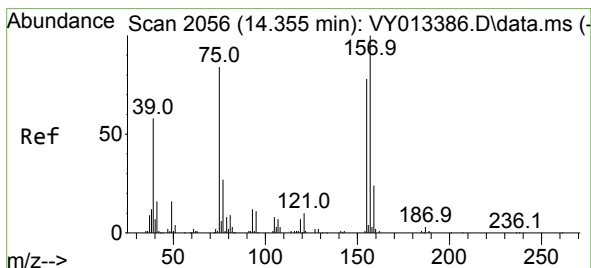
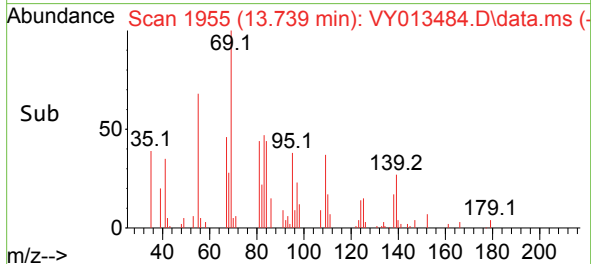
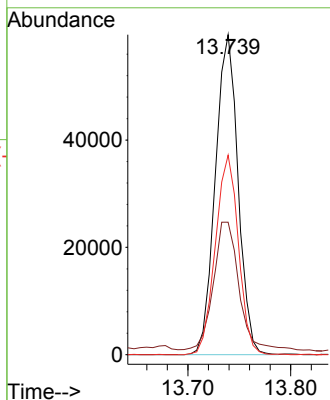
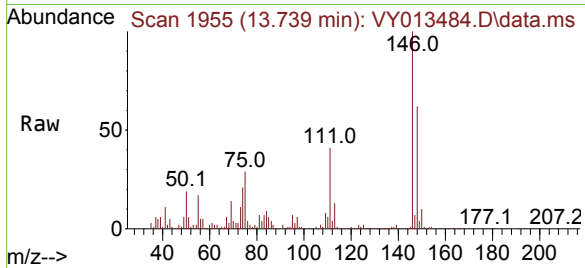




#91
1,2-Dichlorobenzene
Concen: 51.354 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

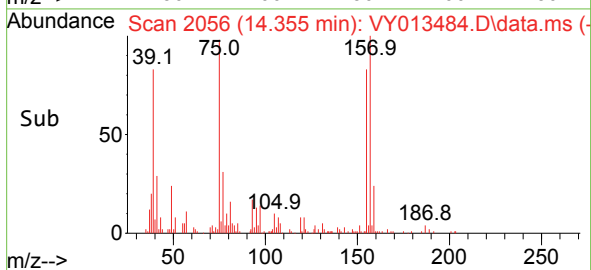
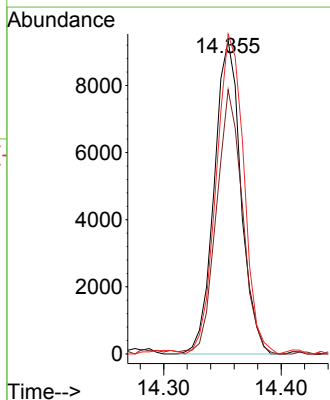
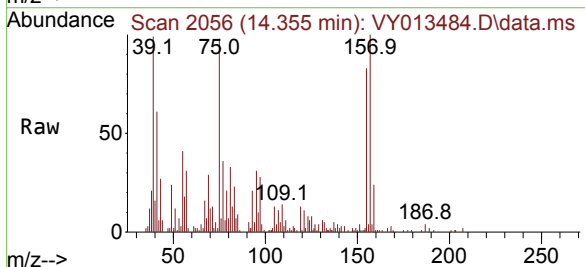
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

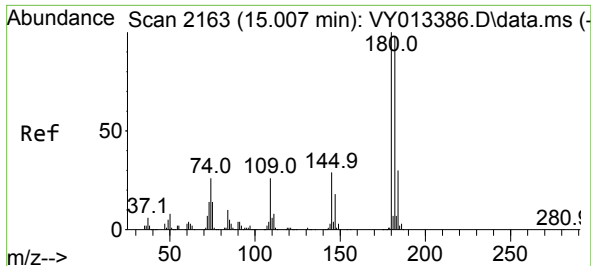
Tgt Ion:	146	Resp:	91521
Ion Ratio	Lower	Upper	
146	100		
111	46.3	19.8	59.4
148	63.2	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 79.962 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion:	75	Resp:	14757
Ion Ratio	Lower	Upper	
75	100		
155	81.8	44.6	134.0
157	105.4	57.6	172.7

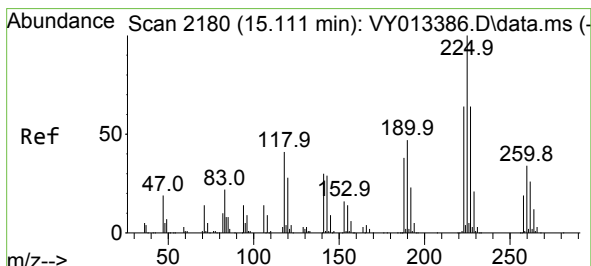
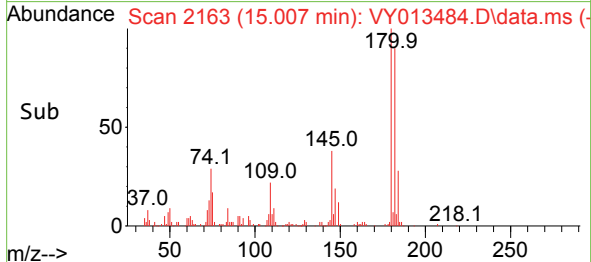
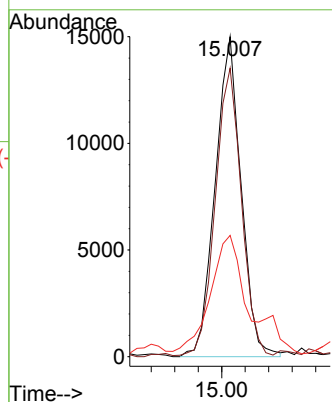
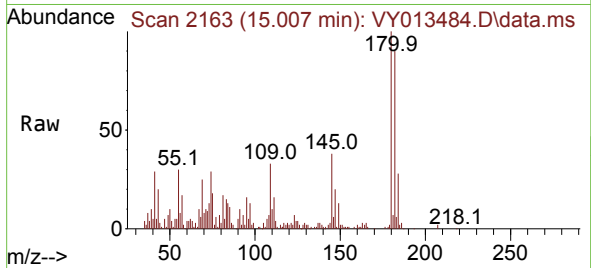




#93
1,2,4-Trichlorobenzene
Concen: 21.654 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

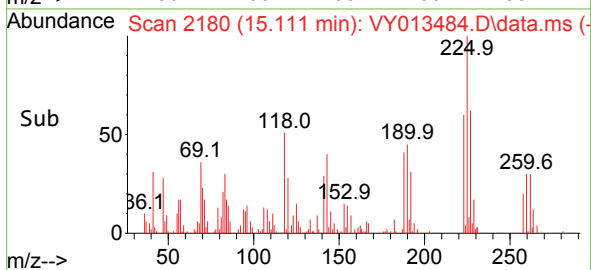
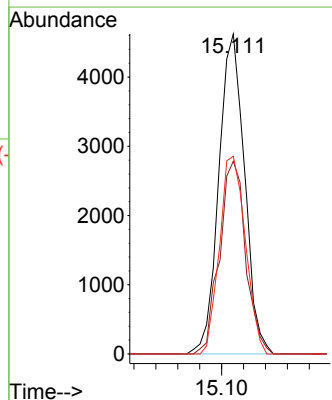
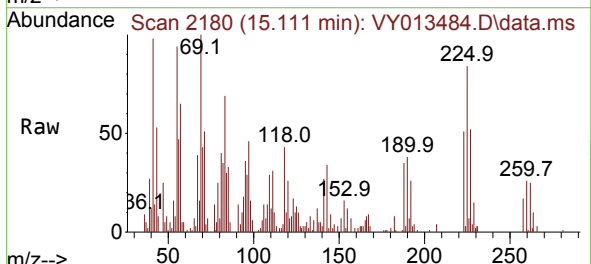
Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

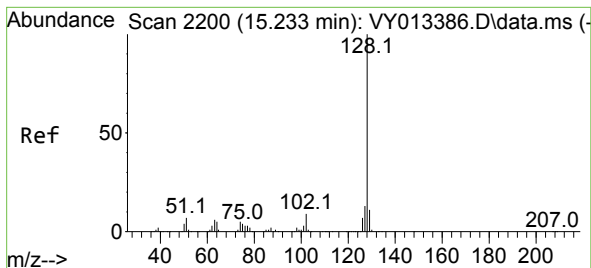
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	48.5	145.5
145	56.5	15.0	45.0



#94
Hexachlorobutadiene
Concen: 12.190 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013484.D
Acq: 26 Apr 2023 19:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.4	94.2
227	62.1	32.0	96.0





#95

Naphthalene

Concen: 56.307 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

20230200-2-2MSD

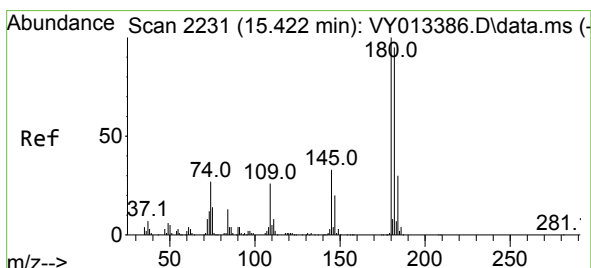
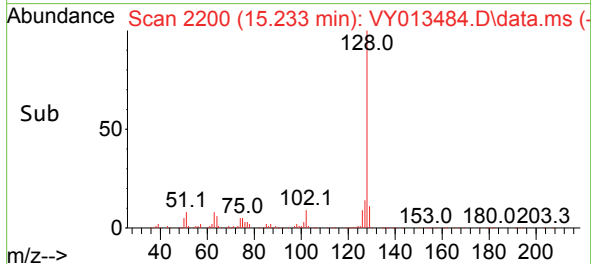
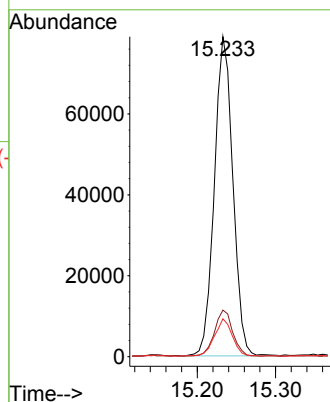
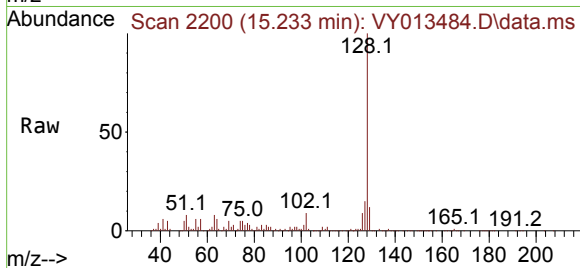
Tgt Ion:128 Resp: 129810

Ion Ratio Lower Upper

128 100

127 14.2 10.7 16.1

129 11.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.731 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013484.D

Acq: 26 Apr 2023 19:22

Tgt Ion:180 Resp: 18686

Ion Ratio Lower Upper

180 100

182 97.5 47.1 141.3

145 59.5 15.9 47.7#

