

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013390.D
 Acq On : 21 Apr 2023 19:29
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVY042123

Quant Time: Apr 22 01:27:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:22:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	303182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	435077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144931	45.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.716	113	133024	48.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.179	98	406311	41.716	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.440%
62) 4-Bromofluorobenzene	12.477	95	141042	43.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	129412	42.020	ug/l	99
3) Chloromethane	2.107	50	170214	50.282	ug/l	98
4) Vinyl Chloride	2.247	62	172658	54.082	ug/l	99
5) Bromomethane	2.656	94	106222	48.879	ug/l	98
6) Chloroethane	2.790	64	98208	51.120	ug/l	98
7) Trichlorofluoromethane	3.125	101	284817	52.882	ug/l	94
8) Diethyl Ether	3.527	74	93873	49.652	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	155896	50.635	ug/l	99
10) Methyl Iodide	4.088	142	216262	52.682	ug/l	100
11) Tert butyl alcohol	4.991	59	79308	219.787	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	151120	50.109	ug/l	97
13) Acrolein	3.729	56	62581	184.853	ug/l	97
14) Allyl chloride	4.479	41	238812	46.737	ug/l	99
15) Acrylonitrile	5.161	53	237836	226.329	ug/l	99
16) Acetone	3.948	43	269875	207.723	ug/l	99
17) Carbon Disulfide	4.192	76	479009	48.954	ug/l	100
18) Methyl Acetate	4.479	43	172759	43.496	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	433358	50.931	ug/l	96
20) Methylene Chloride	4.710	84	176628	47.007	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	163941	48.679	ug/l	97
22) Diisopropyl ether	6.119	45	447762	46.651	ug/l	97
23) Vinyl Acetate	6.058	43	1453105	237.045	ug/l	100
24) 1,1-Dichloroethane	6.015	63	271425	46.612	ug/l	98
25) 2-Butanone	6.990	43	315386	210.298	ug/l	99
26) 2,2-Dichloropropane	6.978	77	248156	49.754	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	177409	49.808	ug/l	98
28) Bromochloromethane	7.332	49	86586	44.604	ug/l	97
29) Tetrahydrofuran	7.344	42	203666	229.342	ug/l	99
30) Chloroform	7.508	83	291205	48.372	ug/l	100
31) Cyclohexane	7.783	56	232209	46.082	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	268661	50.370	ug/l	99
36) 1,1-Dichloropropene	7.917	75	211599	51.159	ug/l	99
37) Ethyl Acetate	7.070	43	148478	47.930	ug/l	99
38) Carbon Tetrachloride	7.899	117	254897	53.239	ug/l	98
39) Methylcyclohexane	9.185	83	252971	53.256	ug/l	96
40) Benzene	8.161	78	601987	50.213	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013390.D
 Acq On : 21 Apr 2023 19:29
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVY042123

Quant Time: Apr 22 01:27:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:22:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	193036	128.624	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	203795	51.649	ug/l	99
43) Isopropyl Acetate	8.271	43	246566	49.991	ug/l	99
44) Trichloroethene	8.935	130	174647	52.014	ug/l	98
45) 1,2-Dichloropropane	9.216	63	136864	47.088	ug/l	99
46) Dibromomethane	9.307	93	92072	47.323	ug/l	94
47) Bromodichloromethane	9.496	83	213816	49.068	ug/l	99
48) Methyl methacrylate	9.289	41	111646	48.240	ug/l	99
49) 1,4-Dioxane	9.313	88	28306	962.446	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	583508	208.467	ug/l	99
52) Toluene	10.240	92	339036	45.113	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	200388	43.670	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	234946	47.231	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	106003	40.047	ug/l	96
56) Ethyl methacrylate	10.508	69	150761	42.893	ug/l	97
57) 1,3-Dichloropropane	10.788	76	143103	33.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	271453	206.873	ug/l	97
59) 2-Hexanone	10.831	43	329750	155.269	ug/l	100
60) Dibromochloromethane	10.983	129	117965	35.543	ug/l	98
61) 1,2-Dibromoethane	11.087	107	96459	36.864	ug/l	99
64) Tetrachloroethene	10.721	164	130330	68.271	ug/l	96
65) Chlorobenzene	11.514	112	271058	50.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	107724	52.938	ug/l	95
67) Ethyl Benzene	11.593	91	442574	48.677	ug/l	98
68) m/p-Xylenes	11.703	106	453965	128.133	ug/l	100
69) o-Xylene	12.026	106	195712	59.101	ug/l	97
70) Styrene	12.044	104	320954	57.949	ug/l	97
71) Bromoform	12.209	173	100411	66.742	ug/l #	99
73) Isopropylbenzene	12.325	105	533688	45.171	ug/l	99
74) N-amyl acetate	12.142	43	123366	33.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	123966	42.962	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	166906	82.280	ug/l #	100
77) Bromobenzene	12.605	156	160169	51.558	ug/l	92
78) n-propylbenzene	12.672	91	656663	45.702	ug/l	98
79) 2-Chlorotoluene	12.751	91	325560	39.812	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	524604	53.015	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37019	36.019	ug/l #	82
82) 4-Chlorotoluene	12.855	91	428319	50.262	ug/l	100
83) tert-Butylbenzene	13.075	119	418802	48.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	439867	45.309	ug/l	99
85) sec-Butylbenzene	13.251	105	597810	47.254	ug/l	97
86) p-Isopropyltoluene	13.367	119	463044	43.823	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	246336	41.758	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	316640	53.077	ug/l	99
89) n-Butylbenzene	13.696	91	502289	50.837	ug/l	99
90) Hexachloroethane	13.959	117	104734	46.971	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	261913	48.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27967	52.704	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	201159	61.221	ug/l	99
94) Hexachlorobutadiene	15.111	225	116169	57.706	ug/l	98
95) Naphthalene	15.233	128	358987	50.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	149054	48.899	ug/l	98

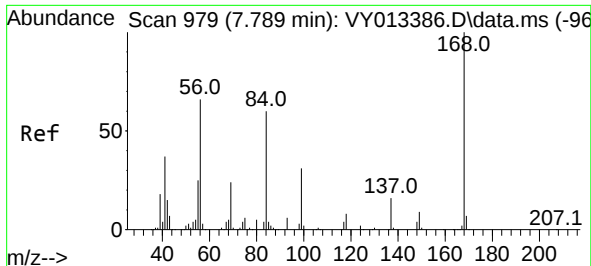
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
Data File : VY013390.D
Acq On : 21 Apr 2023 19:29
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

Quant Time: Apr 22 01:27:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
Quant Title : SW846 8260
QLast Update : Sat Apr 22 01:22:23 2023
Response via : Initial Calibration

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

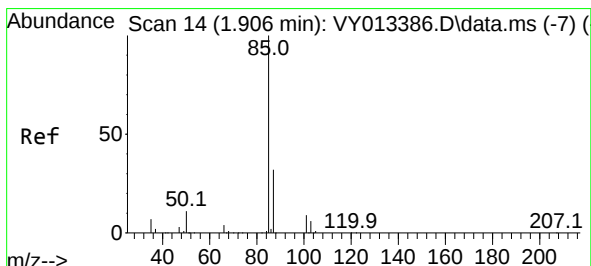
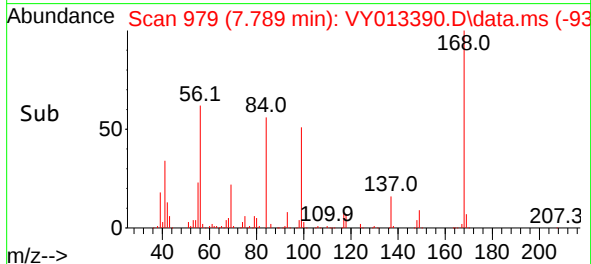
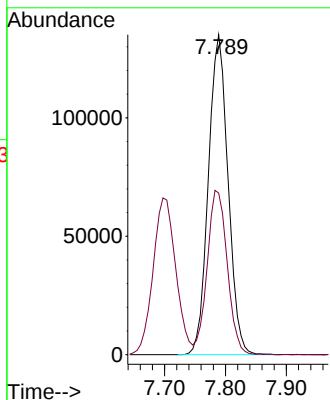
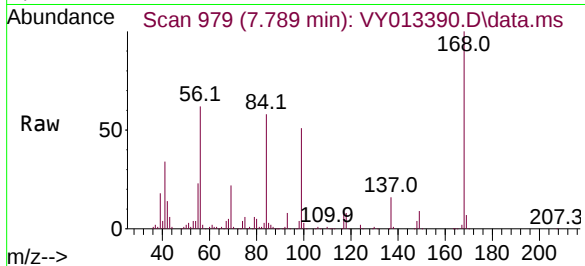
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

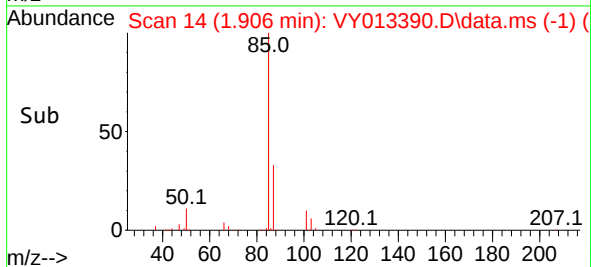
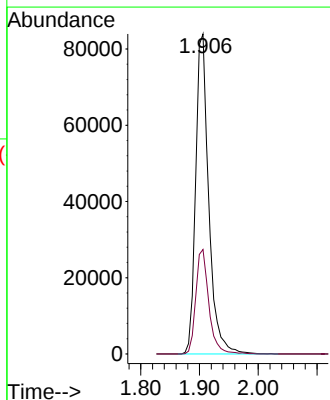
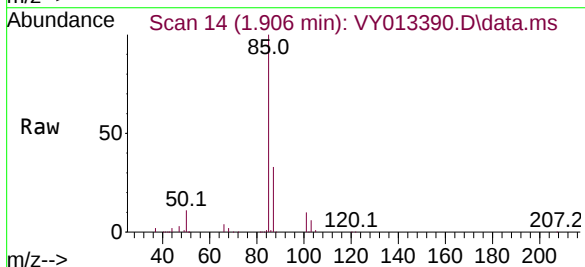
Instrument :
MSVOA_V
ClientSampleId :
ICVY042123

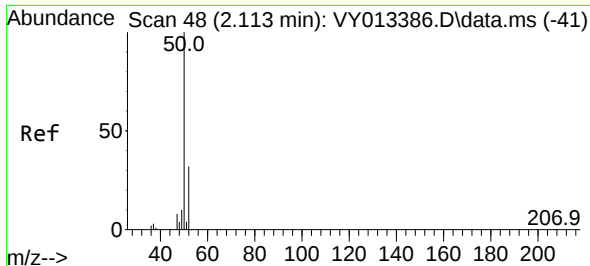
Tgt Ion:168 Resp: 303182
Ion Ratio Lower Upper
168 100
99 50.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 42.020 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 85 Resp: 129412
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

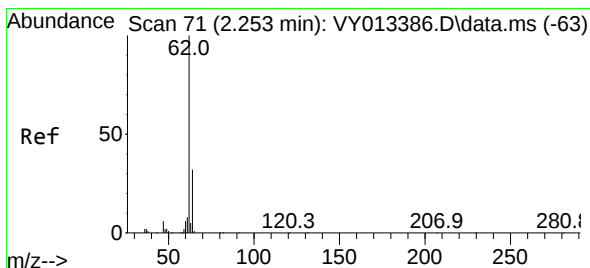
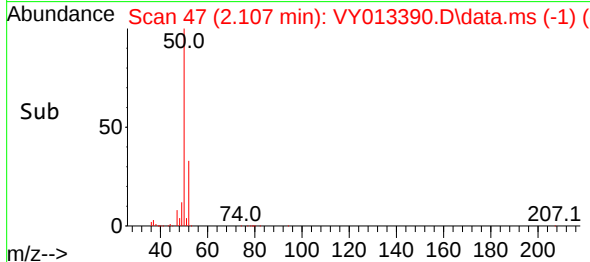
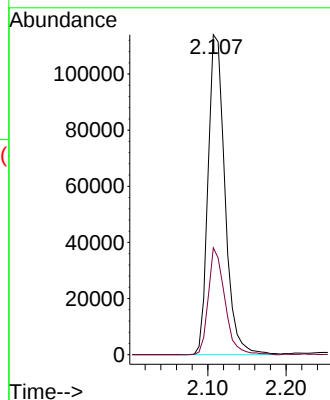
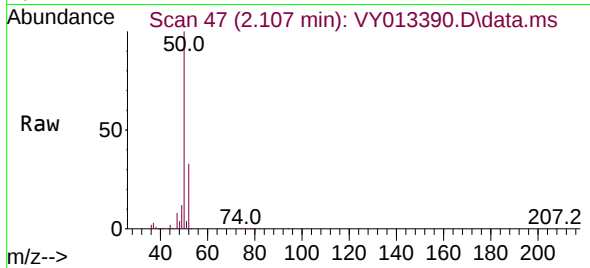




#3
Chloromethane
Concen: 50.282 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

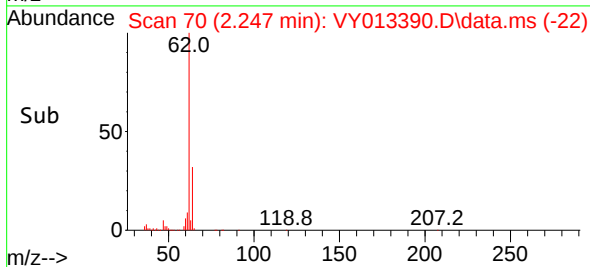
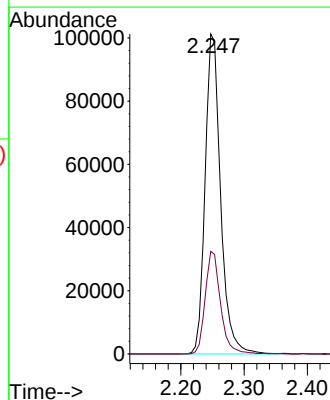
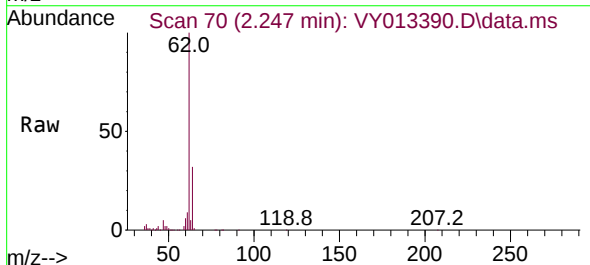
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

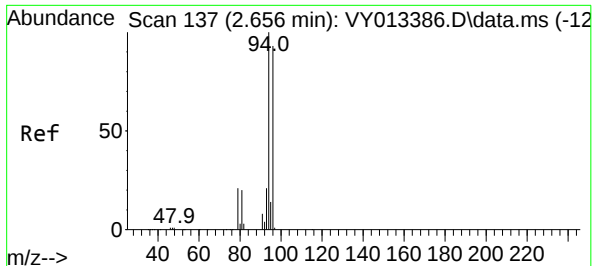
Tgt Ion: 50 Resp: 170214
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 54.082 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 62 Resp: 172658
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

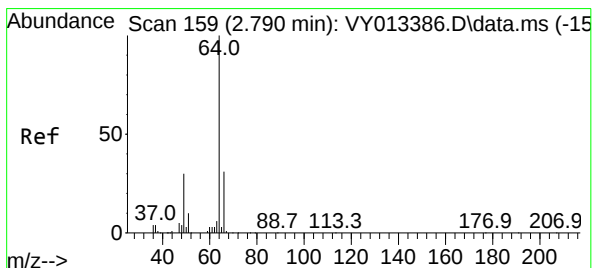
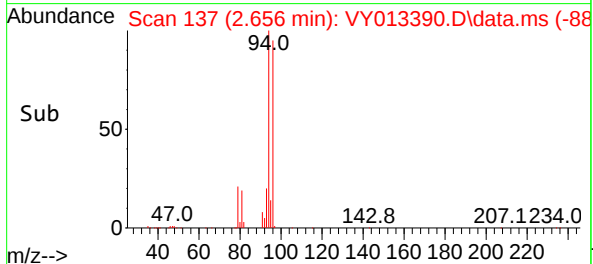
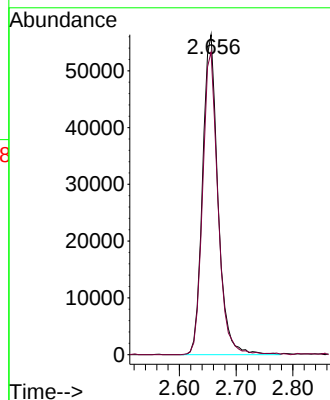
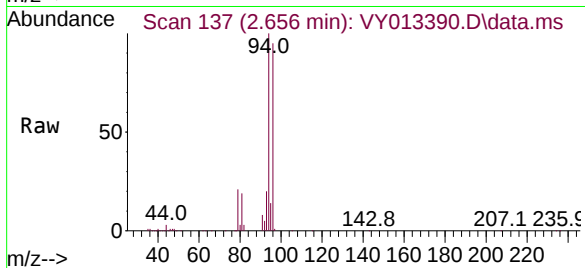




#5
Bromomethane
Concen: 48.879 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

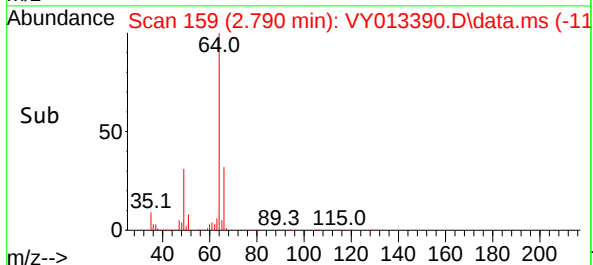
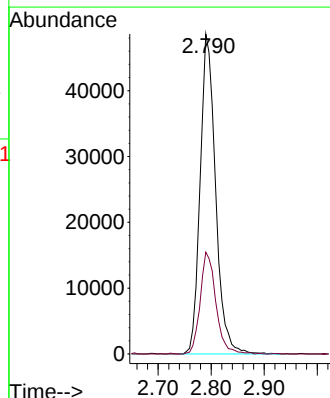
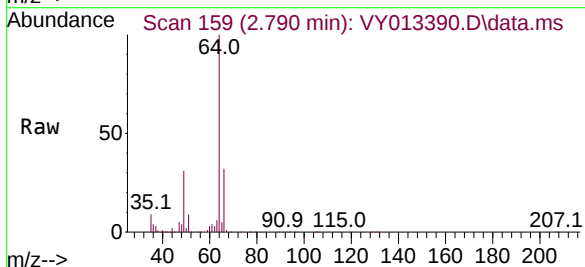
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

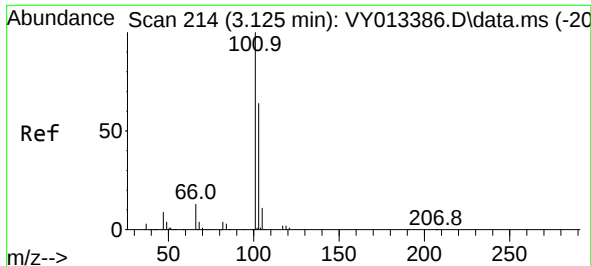
Tgt Ion: 94 Resp: 106222
Ion Ratio Lower Upper
94 100
96 94.6 74.2 111.2



#6
Chloroethane
Concen: 51.120 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 64 Resp: 98208
Ion Ratio Lower Upper
64 100
66 31.8 24.6 37.0

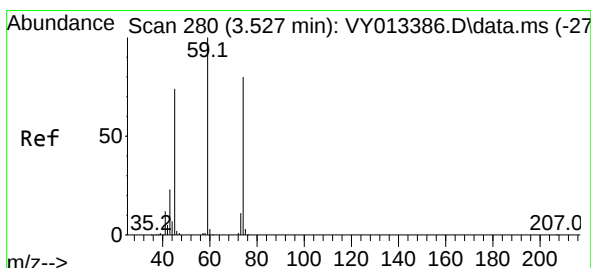
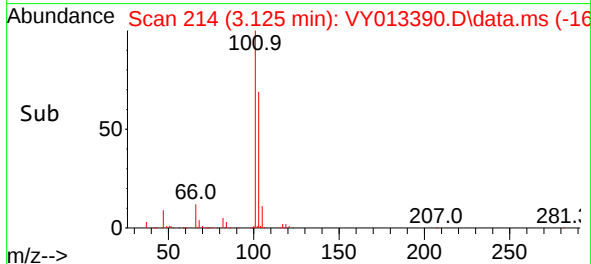
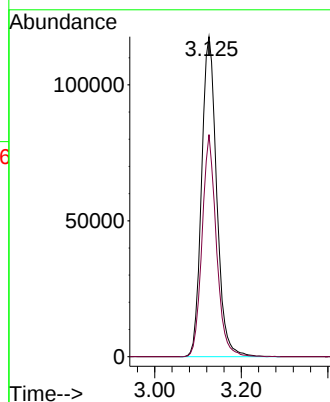
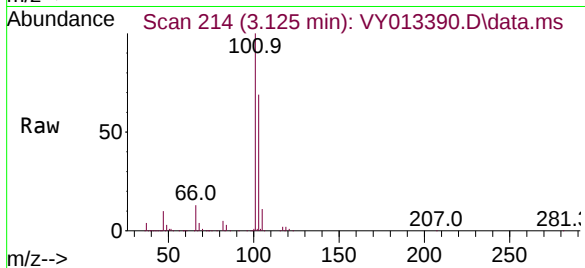




#7
 Trichlorofluoromethane
 Concen: 52.882 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

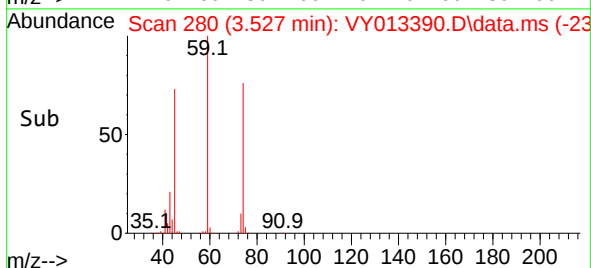
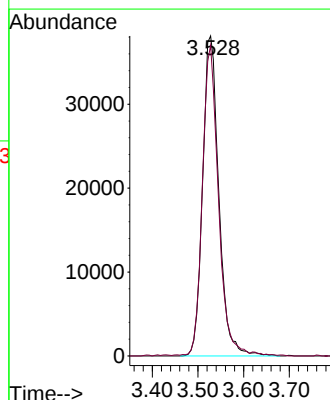
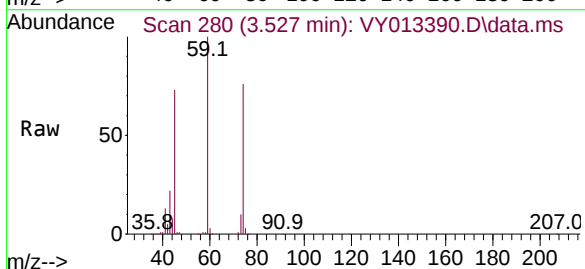
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVY042123

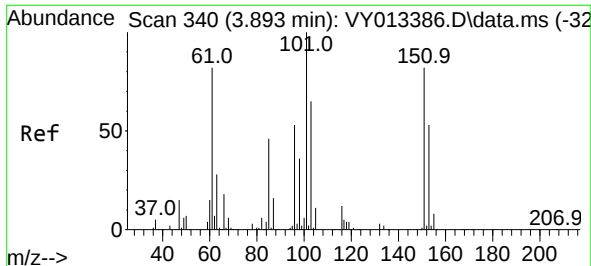
Tgt Ion:101 Resp: 284817
 Ion Ratio Lower Upper
 101 100
 103 69.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 49.652 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

Tgt Ion: 74 Resp: 93873
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.2 144.6

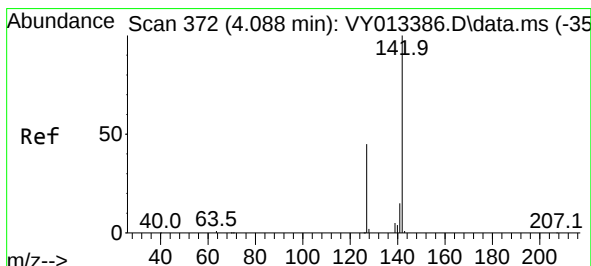
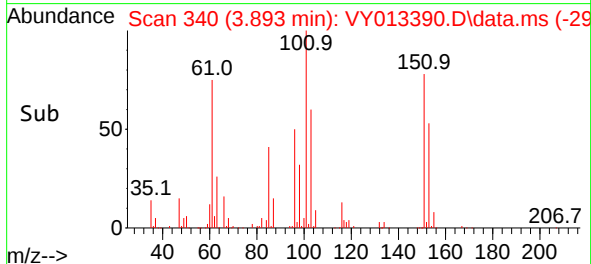
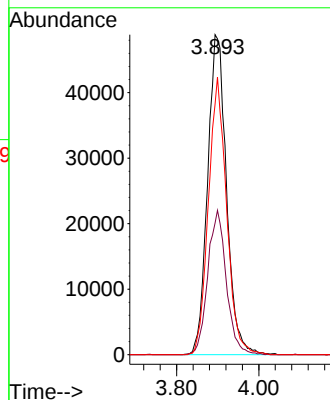
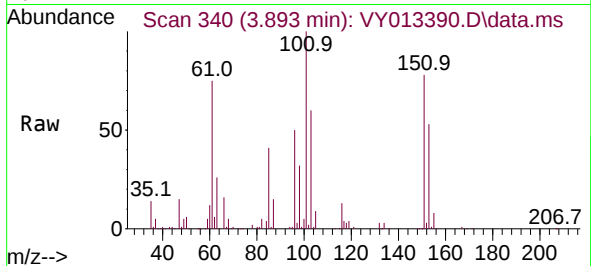




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.635 ug/l
 RT: 3.893 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

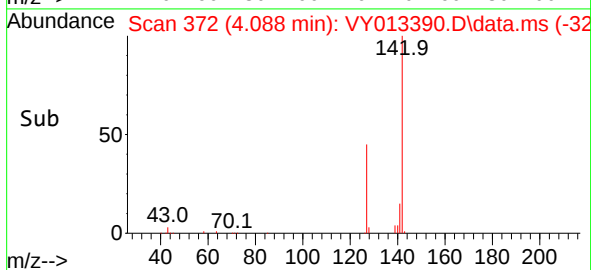
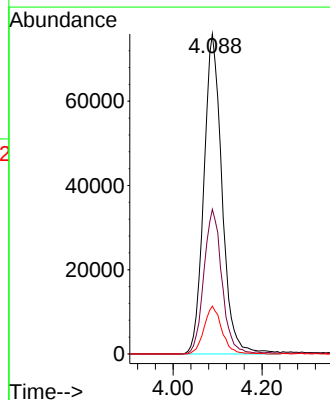
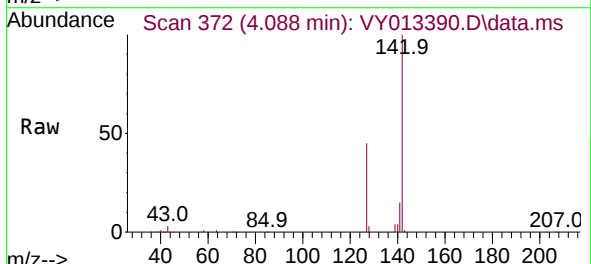
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVY042123

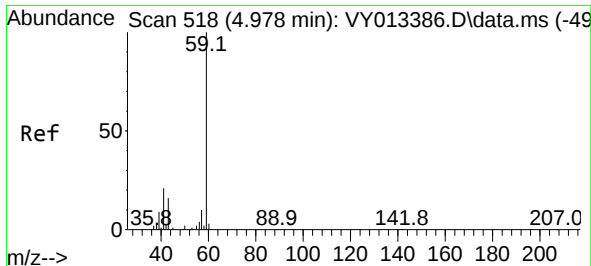
Tgt Ion:101 Resp: 155896
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.6 53.4
 151 83.5 68.0 102.0



#10
 Methyl Iodide
 Concen: 52.682 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

Tgt Ion:142 Resp: 216262
 Ion Ratio Lower Upper
 142 100
 127 44.8 36.1 54.1
 141 14.7 11.6 17.4

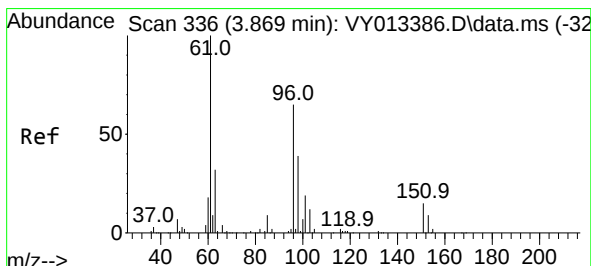
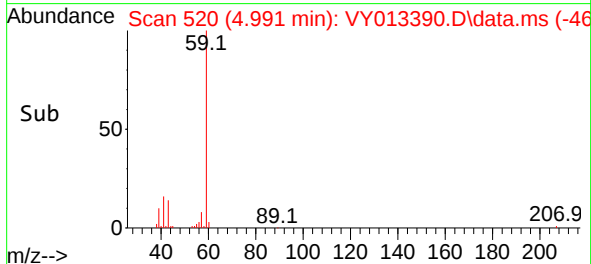
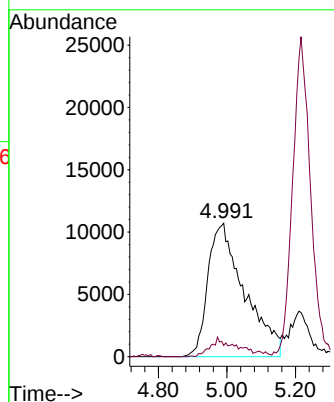
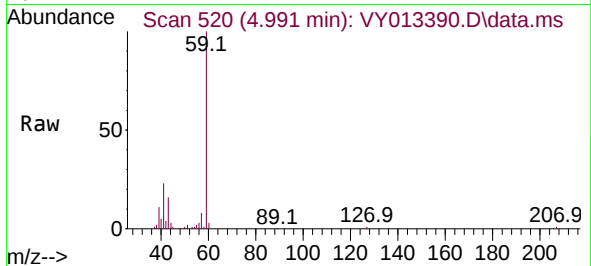




#11
Tert butyl alcohol
Concen: 219.787 ug/l
RT: 4.991 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

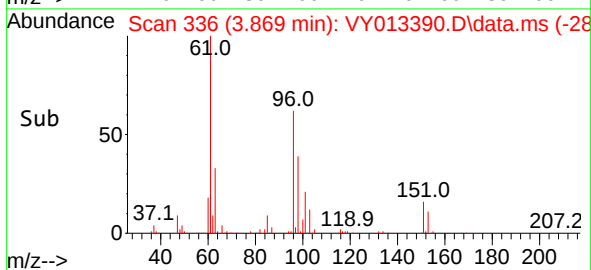
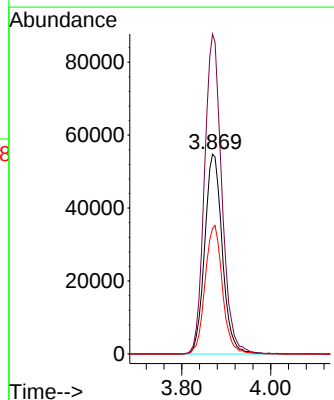
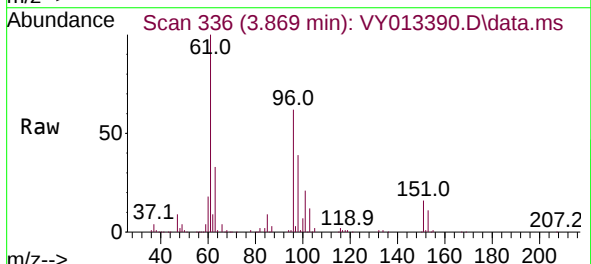
Instrument :
MSVOA_V
ClientSampleId :
ICVY042123

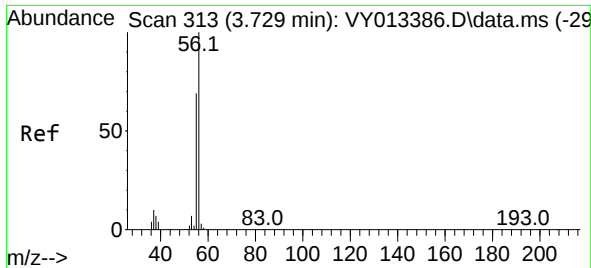
Tgt Ion: 59 Resp: 79308
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.109 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 96 Resp: 151120
Ion Ratio Lower Upper
96 100
61 160.1 123.9 185.9
98 62.8 48.9 73.3

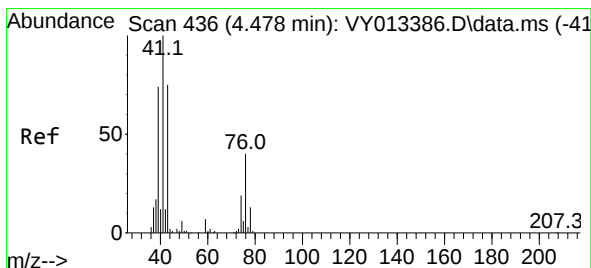
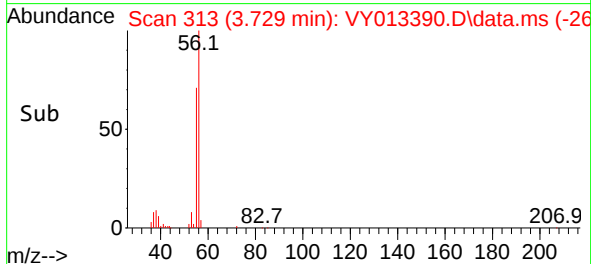
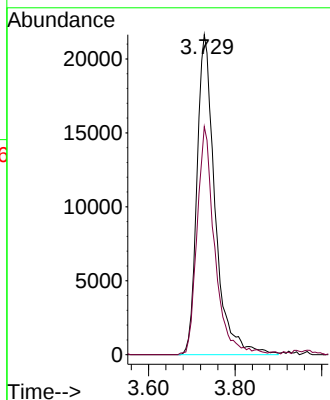
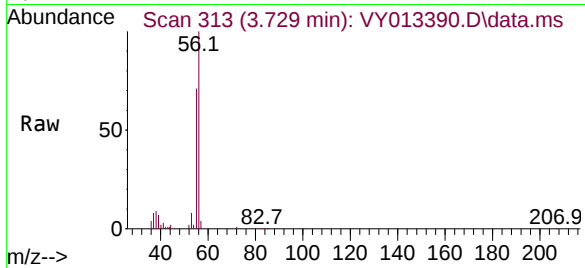




#13
Acrolein
Concen: 184.853 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

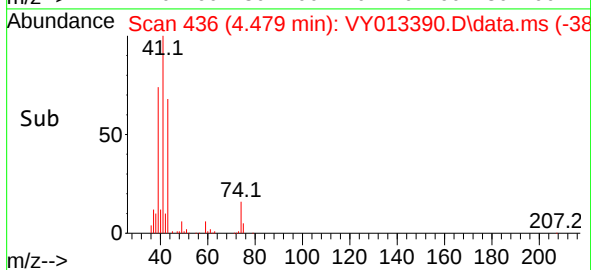
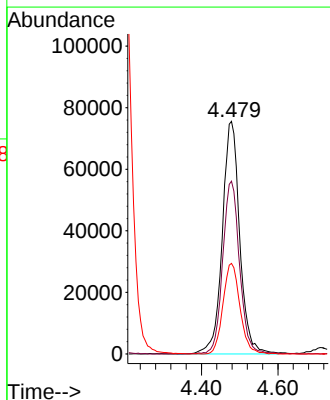
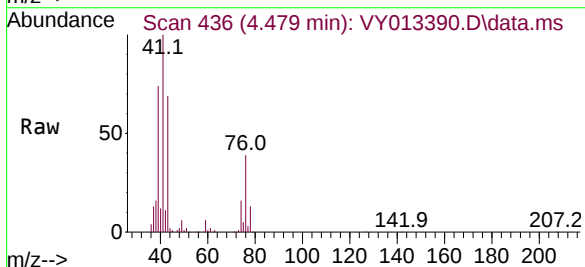
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

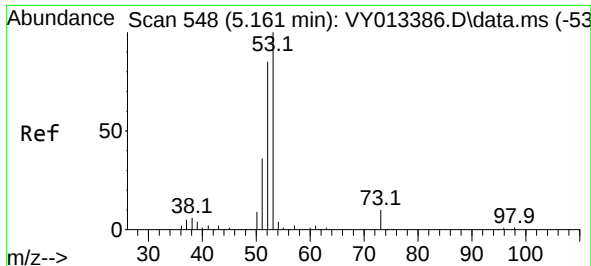
Tgt Ion: 56 Resp: 62581
Ion Ratio Lower Upper
56 100
55 69.8 54.1 81.1



#14
Allyl chloride
Concen: 46.737 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 41 Resp: 238812
Ion Ratio Lower Upper
41 100
39 72.0 56.6 85.0
76 37.8 30.5 45.7

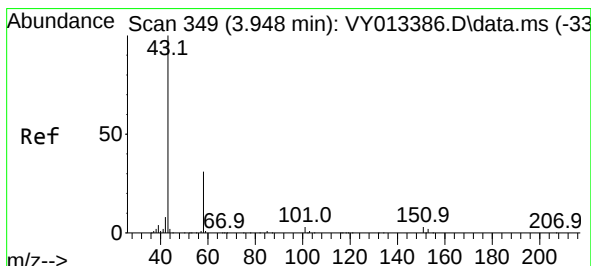
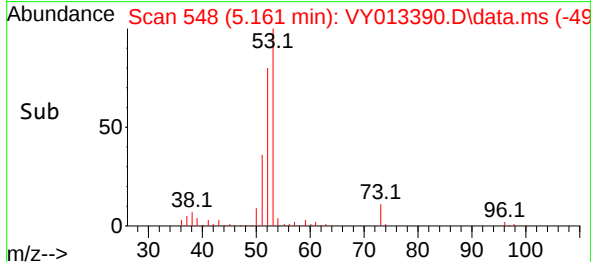
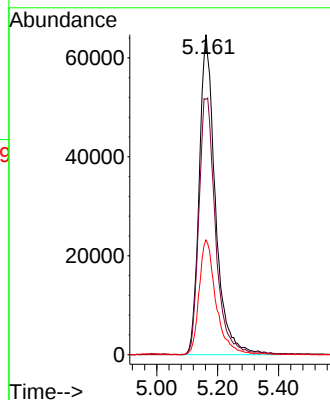
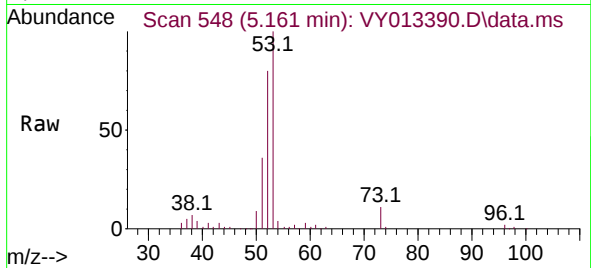




#15
Acrylonitrile
Concen: 226.329 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

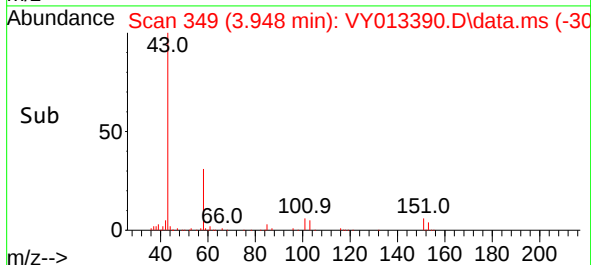
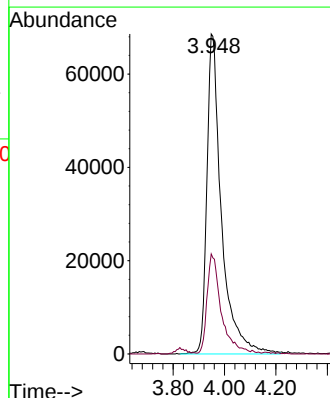
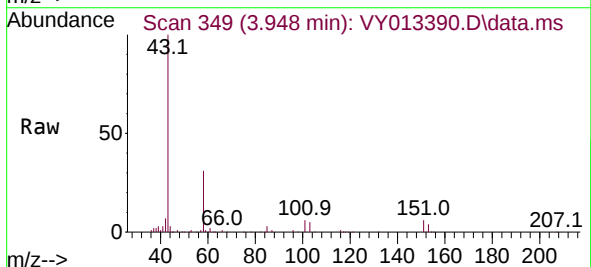
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

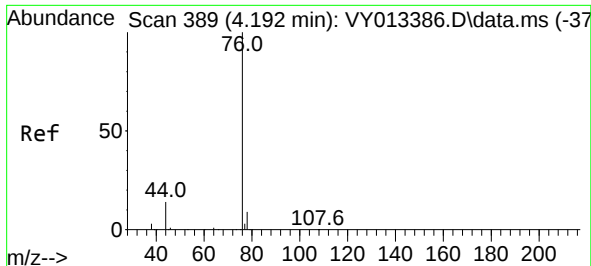
Tgt Ion: 53 Resp: 237836
Ion Ratio Lower Upper
53 100
52 82.9 65.4 98.0
51 37.4 29.3 43.9



#16
Acetone
Concen: 207.723 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 43 Resp: 269875
Ion Ratio Lower Upper
43 100
58 31.1 25.4 38.0

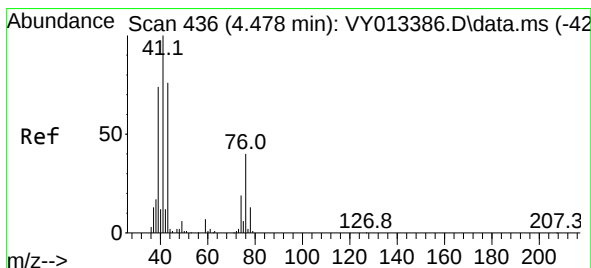
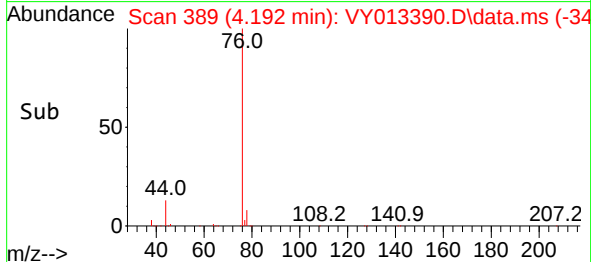
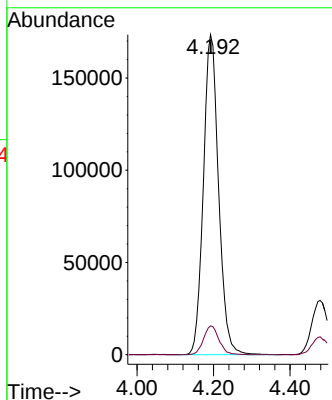
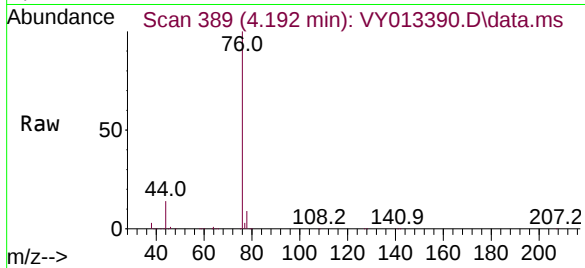




#17
Carbon Disulfide
Concen: 48.954 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

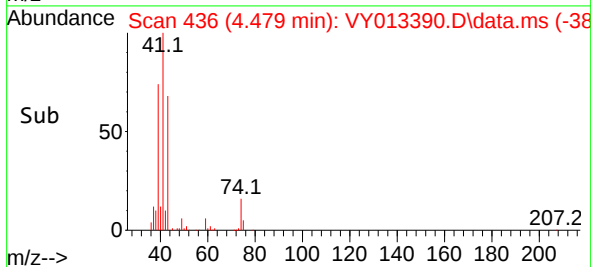
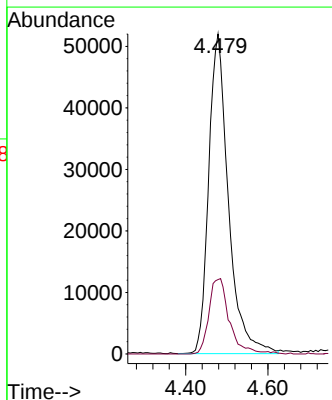
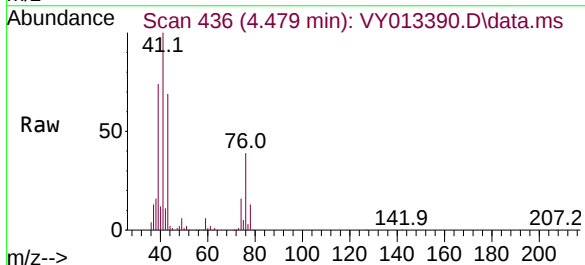
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

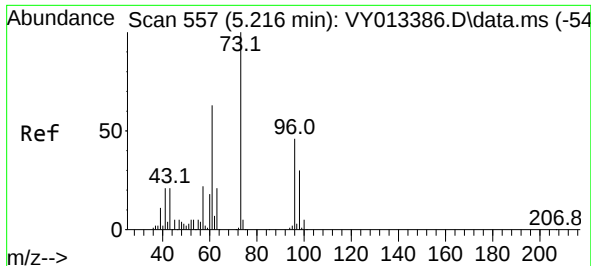
Tgt Ion: 76 Resp: 479009
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 43.496 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 43 Resp: 172759
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.931 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

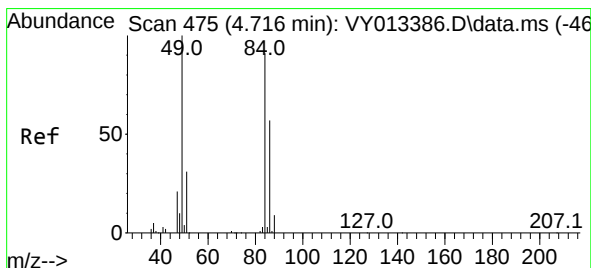
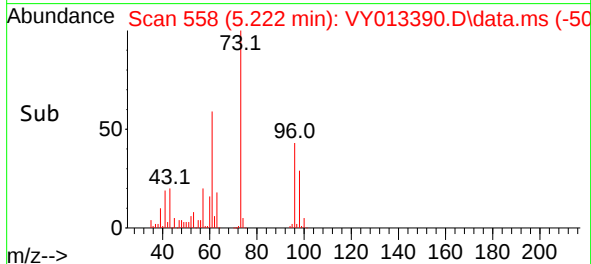
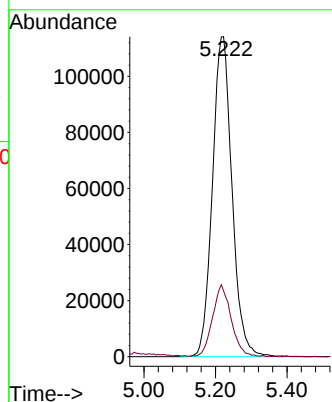
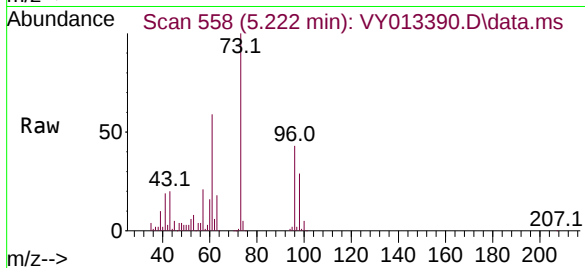
ICVVY042123

Tgt Ion: 73 Resp: 433358

Ion Ratio Lower Upper

73 100

57 20.6 17.8 26.8



#20

Methylene Chloride

Concen: 47.007 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Tgt Ion: 84 Resp: 176628

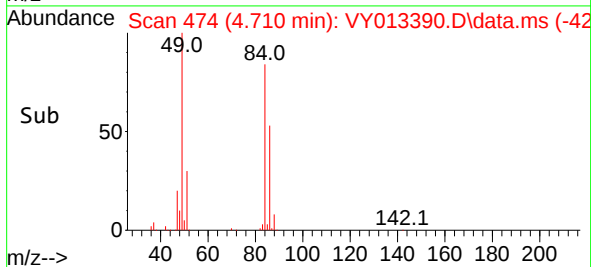
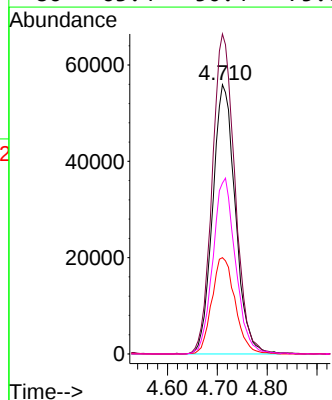
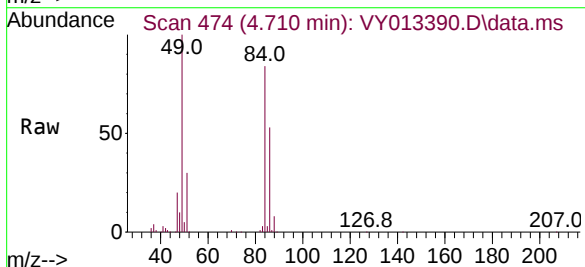
Ion Ratio Lower Upper

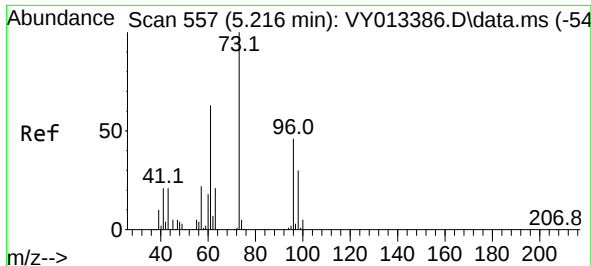
84 100

49 118.8 88.0 132.0

51 35.8 27.4 41.0

86 63.4 50.4 75.6

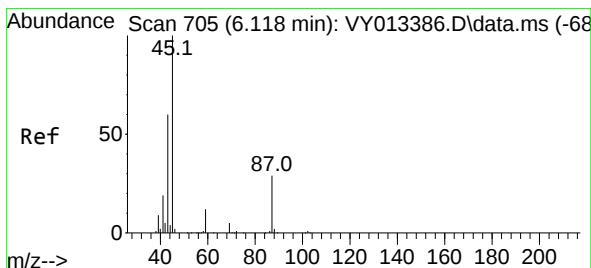
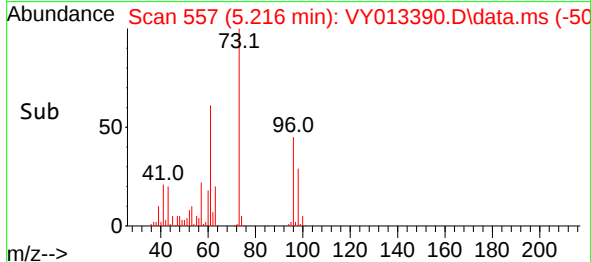
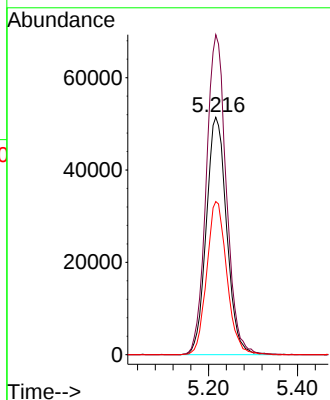
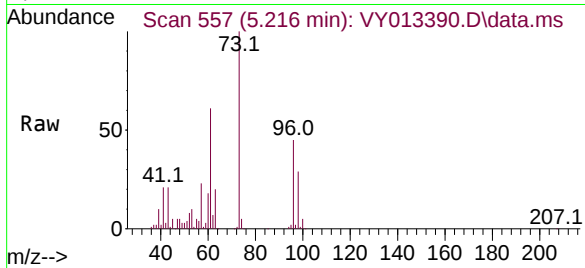




#21
trans-1,2-Dichloroethene
Concen: 48.679 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

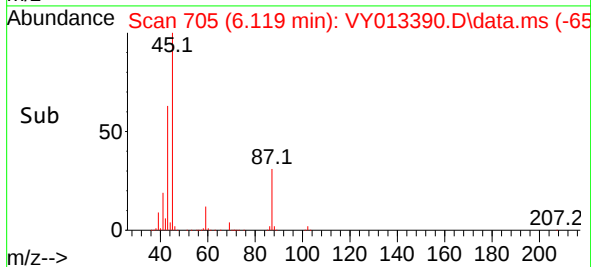
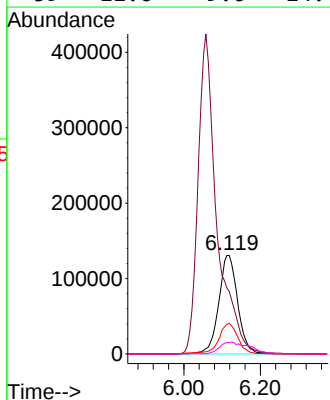
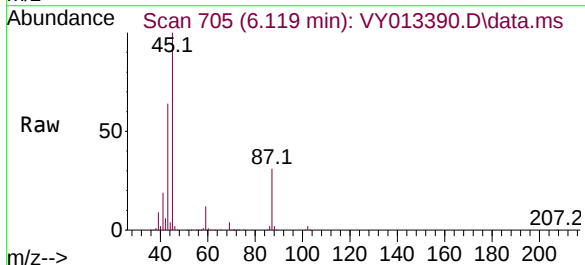
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

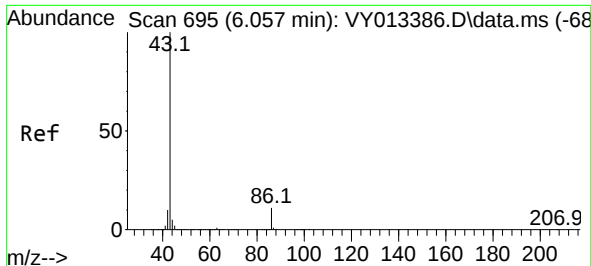
Tgt Ion: 96 Resp: 163941
Ion Ratio Lower Upper
96 100
61 134.8 110.6 165.8
98 64.5 53.1 79.7



#22
Diisopropyl ether
Concen: 46.651 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 45 Resp: 447762
Ion Ratio Lower Upper
45 100
43 63.5 48.4 72.6
87 31.1 23.8 35.6
59 11.6 9.6 14.4

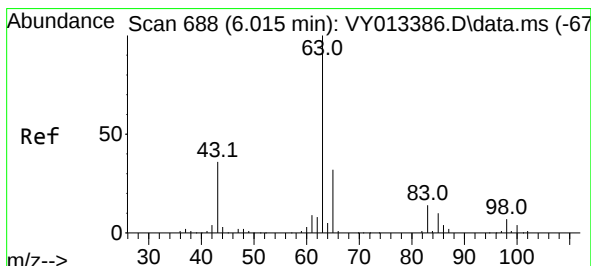
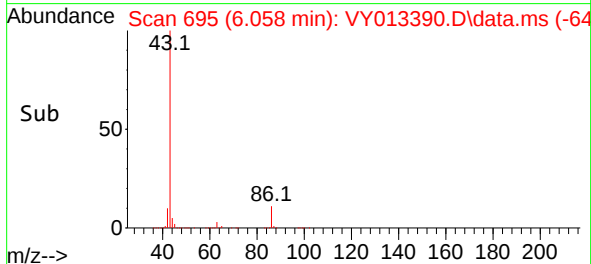
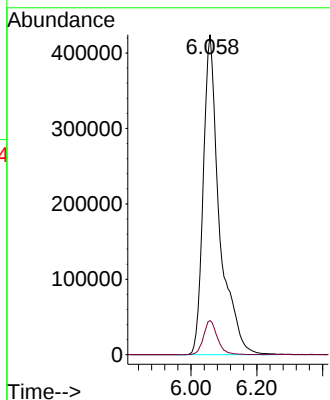
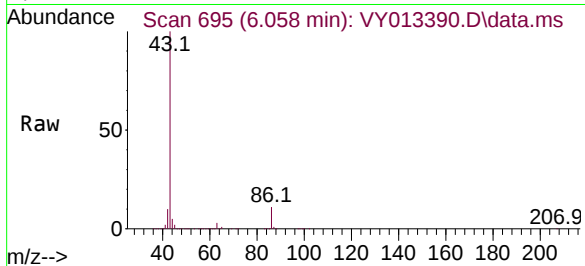




#23
 Vinyl Acetate
 Concen: 237.045 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

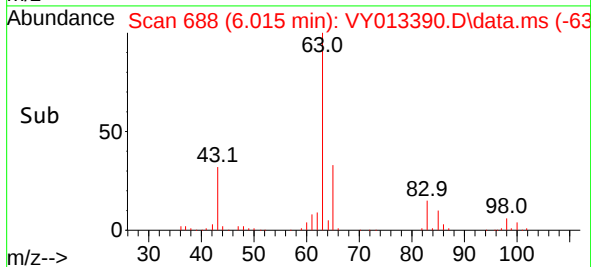
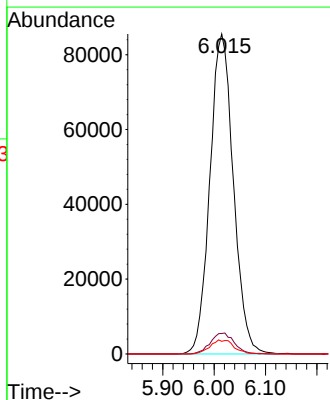
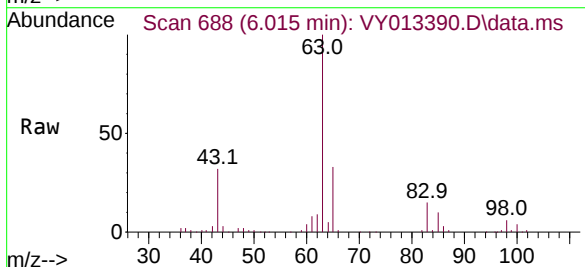
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVY042123

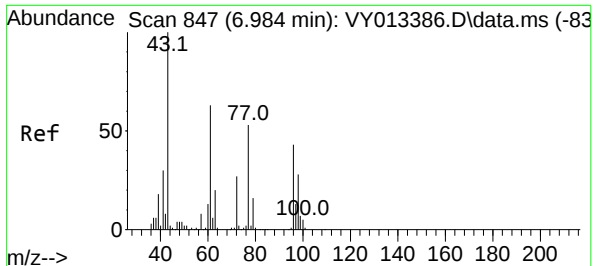
Tgt Ion: 43 Resp: 1453105
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.612 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

Tgt Ion: 63 Resp: 271425
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 3.9 2.2 6.6

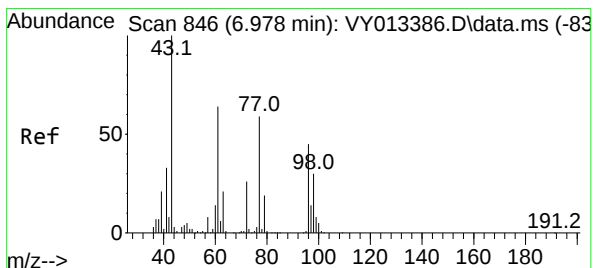
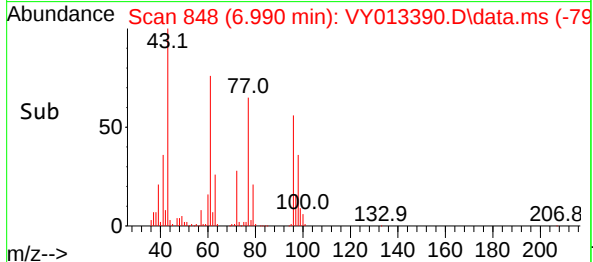
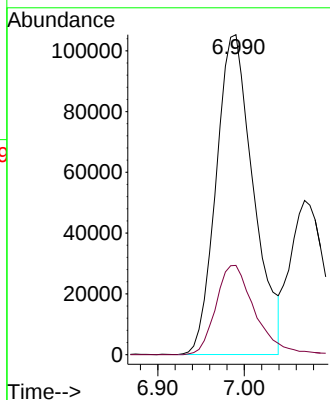
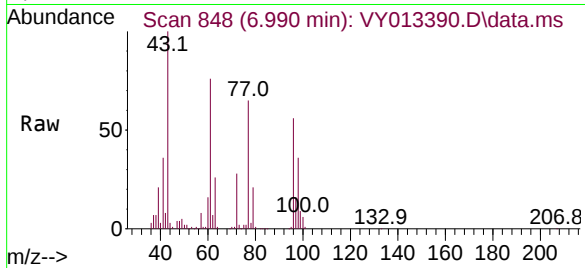




#25
2-Butanone
Concen: 210.298 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

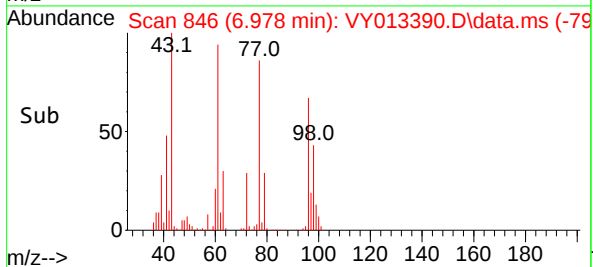
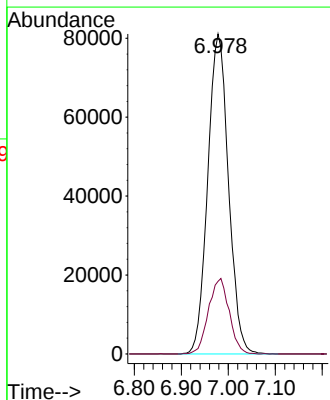
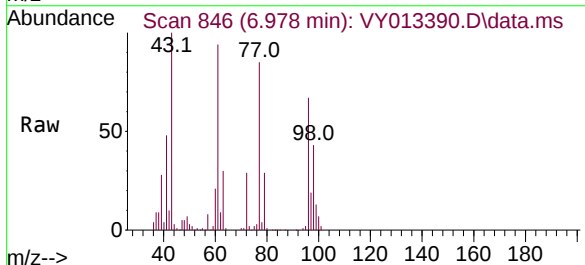
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

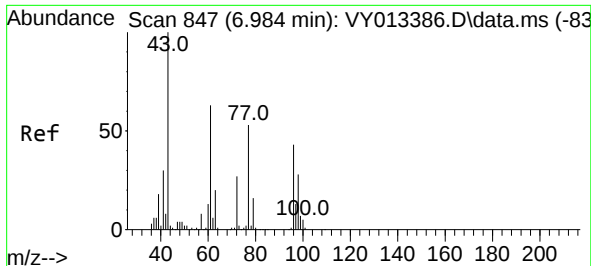
Tgt Ion: 43 Resp: 315386
Ion Ratio Lower Upper
43 100
72 27.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 49.754 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 77 Resp: 248156
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.808 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVY042123

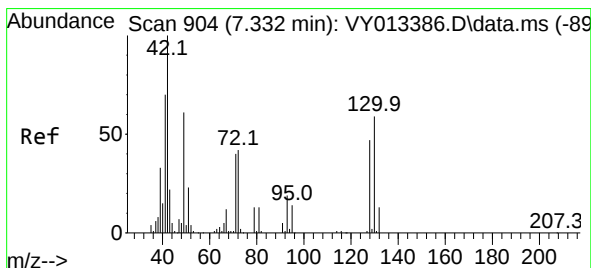
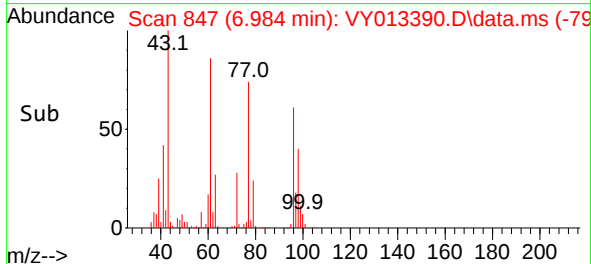
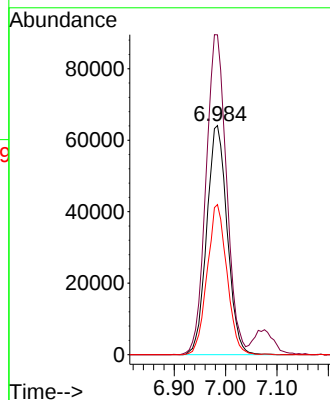
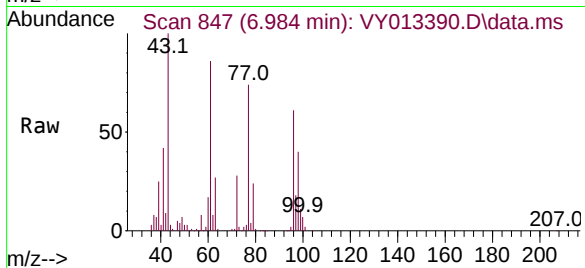
Tgt Ion: 96 Resp: 177409

Ion Ratio Lower Upper

96 100

61 139.7 0.0 285.0

98 63.3 0.0 130.6



#28

Bromochloromethane

Concen: 44.604 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

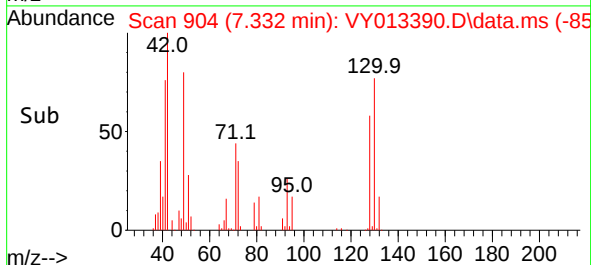
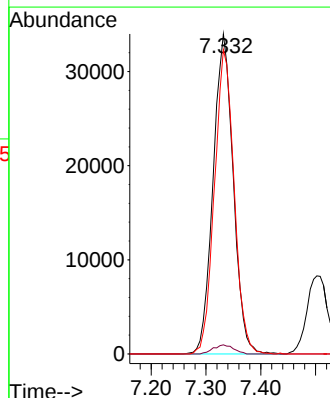
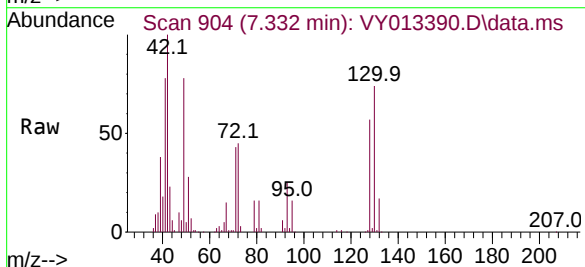
Tgt Ion: 49 Resp: 86586

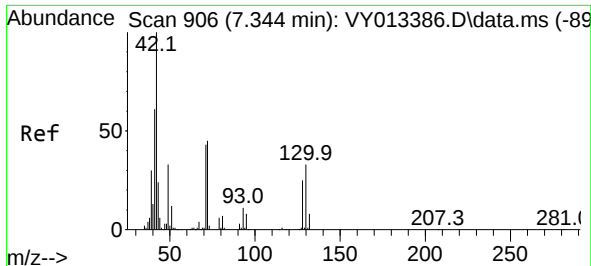
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.2

130 92.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 229.342 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVY042123

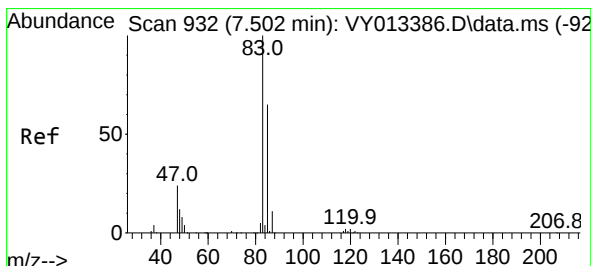
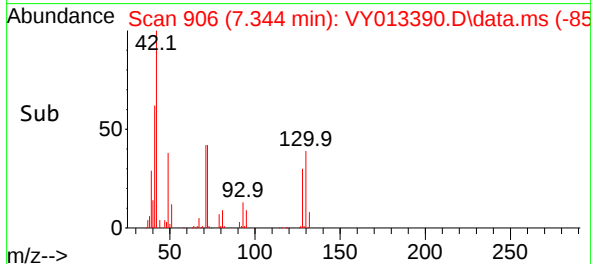
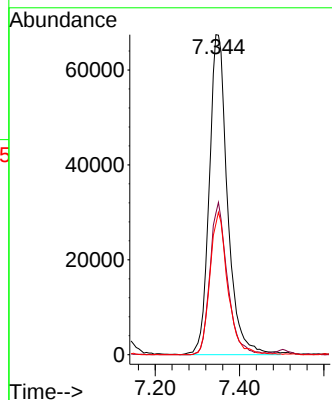
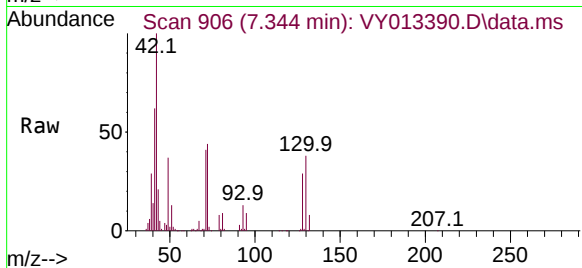
Tgt Ion: 42 Resp: 203666

Ion Ratio Lower Upper

42 100

72 45.4 35.9 53.9

71 43.3 34.3 51.5



#30

Chloroform

Concen: 48.372 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013390.D

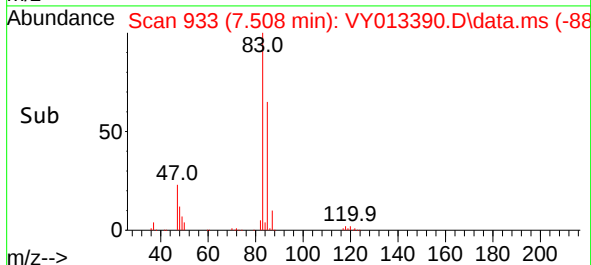
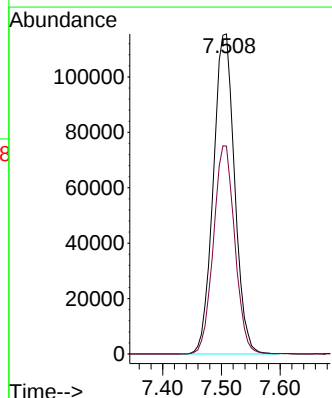
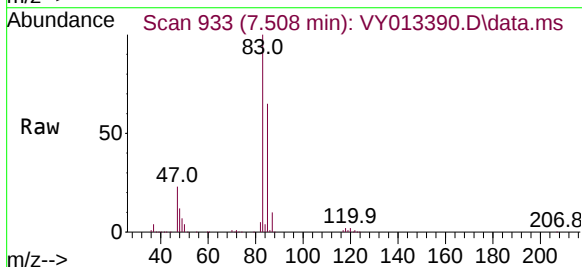
Acq: 21 Apr 2023 19:29

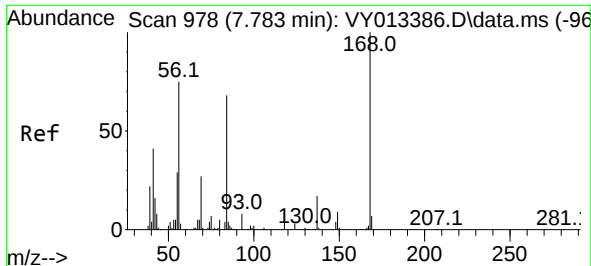
Tgt Ion: 83 Resp: 291205

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

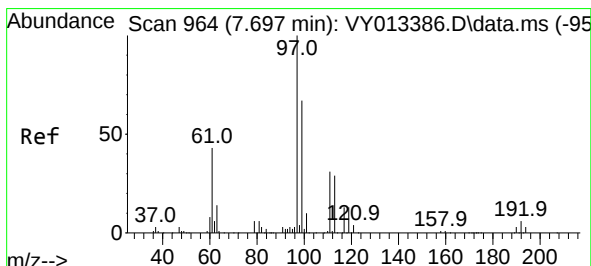
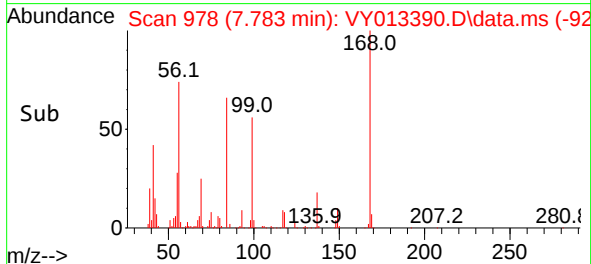
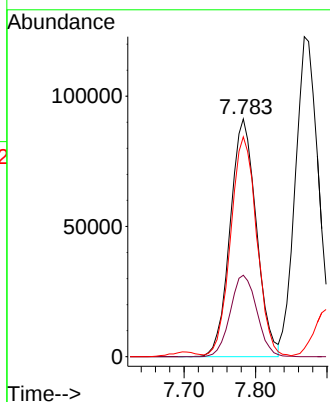
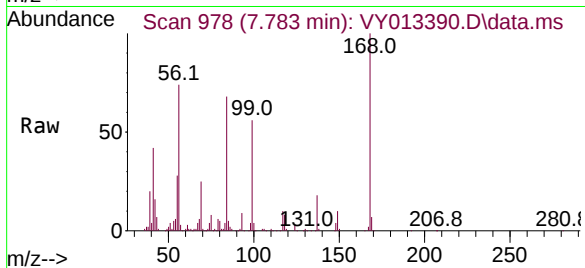




#31
Cyclohexane
Concen: 46.082 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

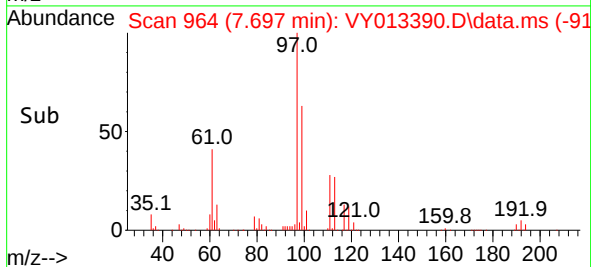
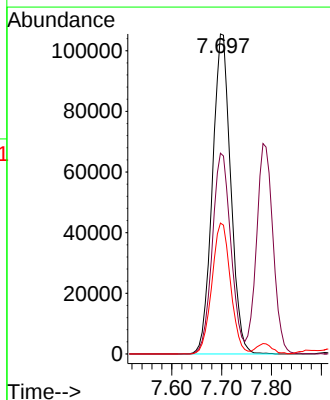
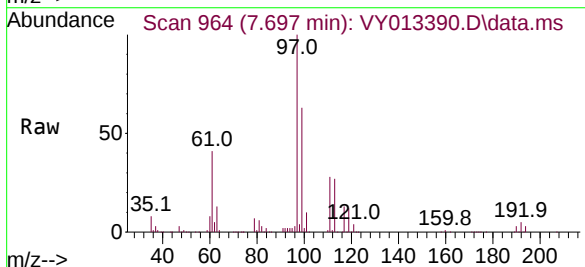
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

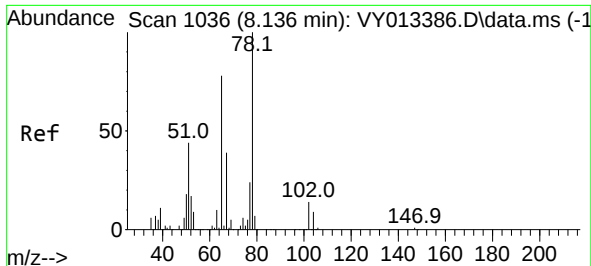
Tgt Ion: 56 Resp: 232209
Ion Ratio Lower Upper
56 100
69 34.3 29.2 43.8
84 90.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.370 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 97 Resp: 268661
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 41.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.607 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

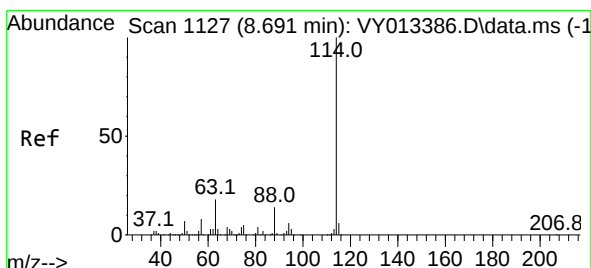
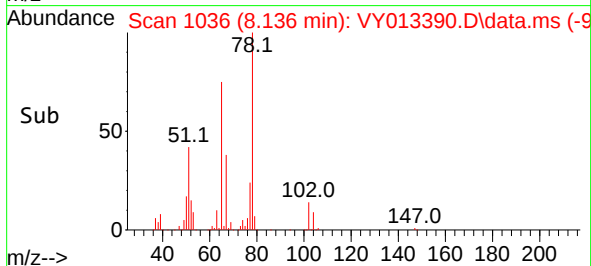
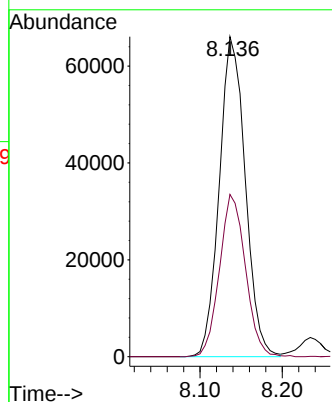
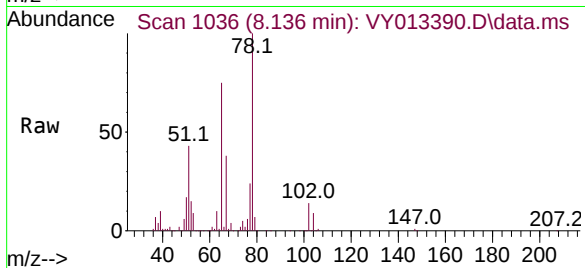
ICVVY042123

Tgt Ion: 65 Resp: 144931

Ion Ratio Lower Upper

65 100

67 50.7 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: VY013390.D

Acq: 21 Apr 2023 19:29

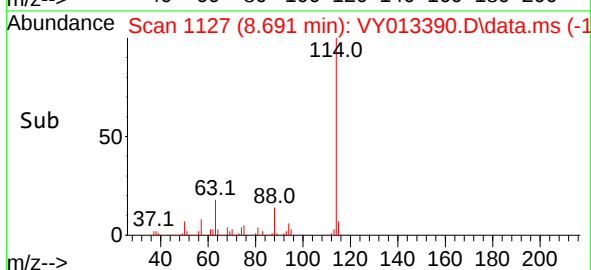
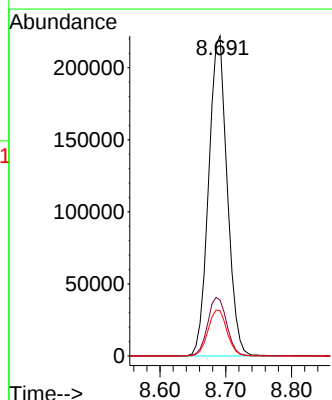
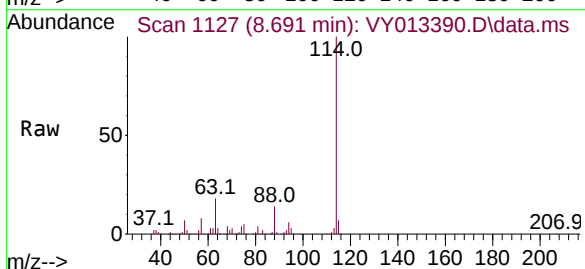
Tgt Ion: 114 Resp: 435077

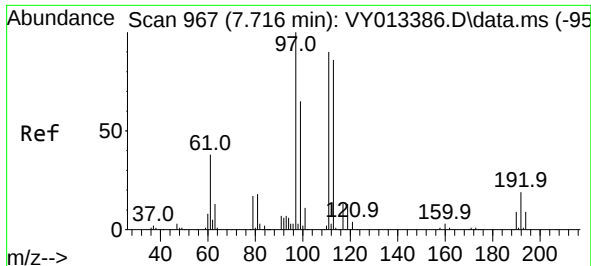
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.2 0.0 28.8

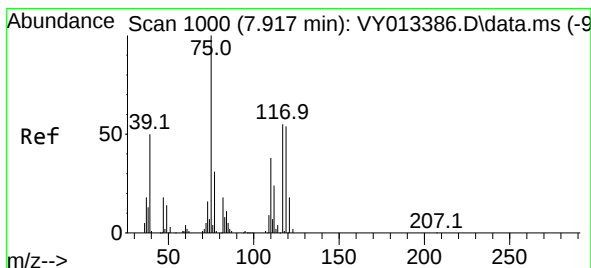
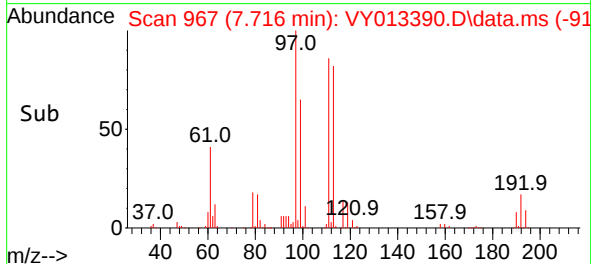
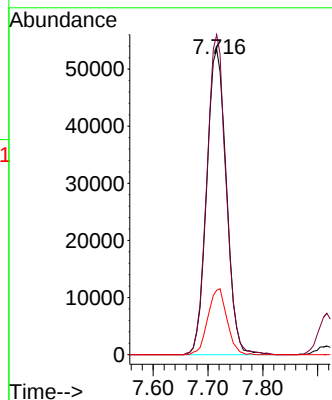
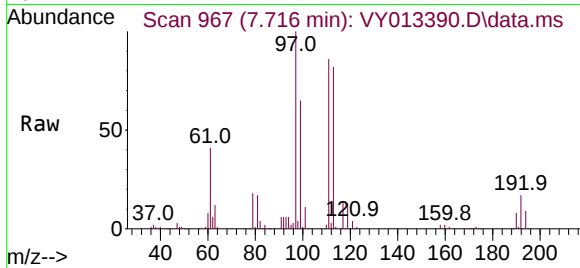




#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

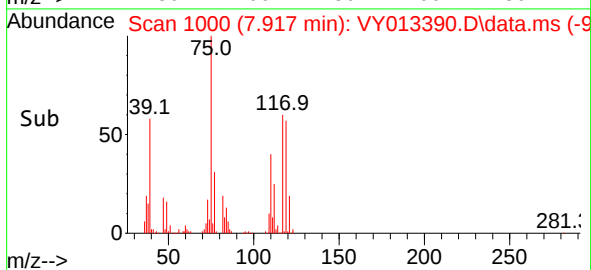
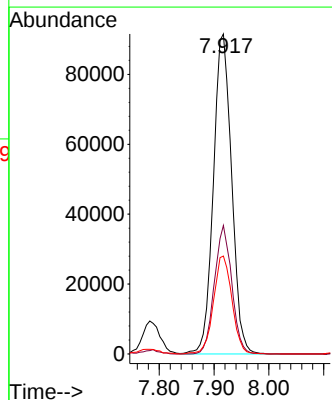
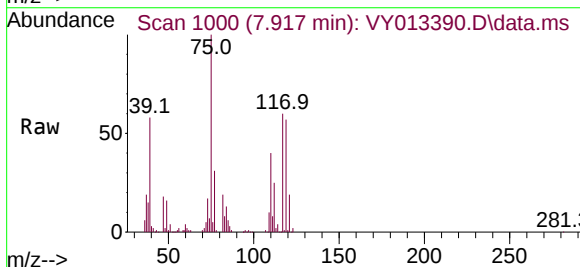
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

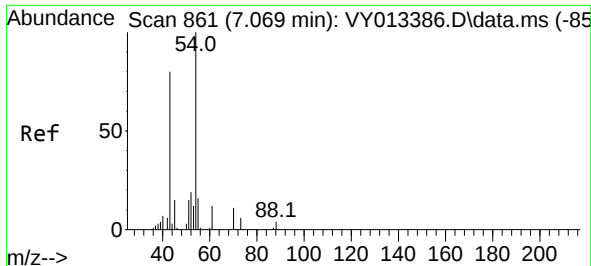
Tgt Ion:113 Resp: 133024
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.159 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 75 Resp: 211599
Ion Ratio Lower Upper
75 100
110 38.3 18.7 56.1
77 31.0 24.6 37.0

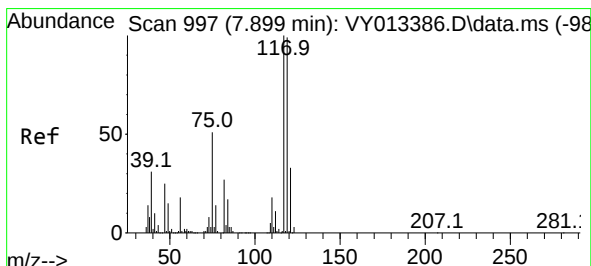
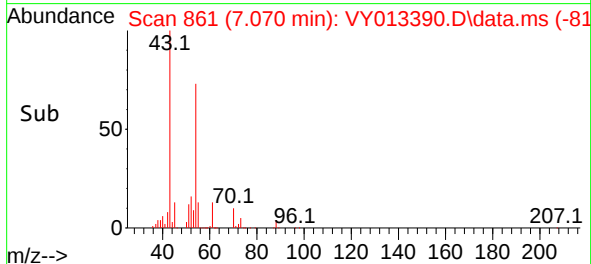
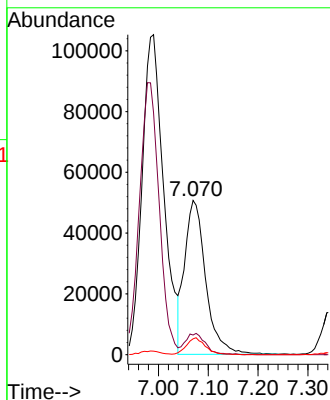
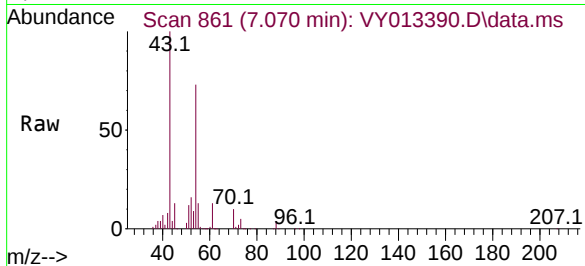




#37
Ethyl Acetate
Concen: 47.930 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

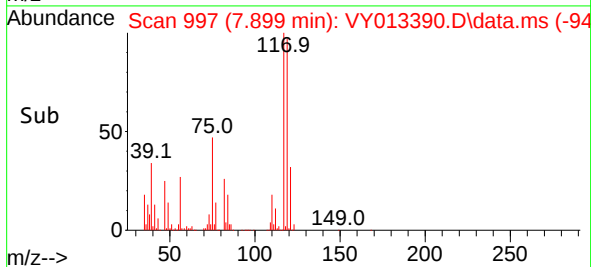
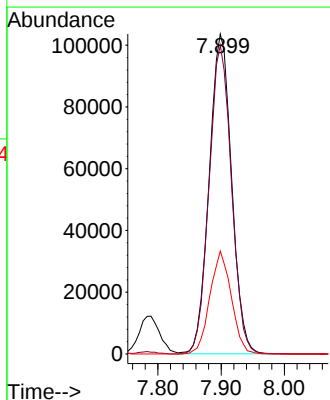
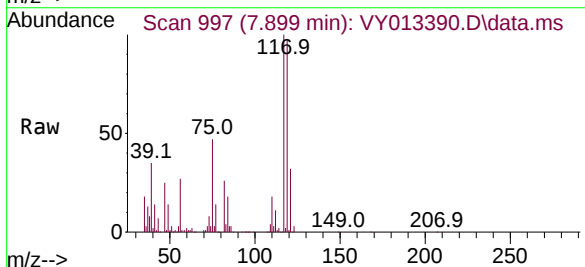
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

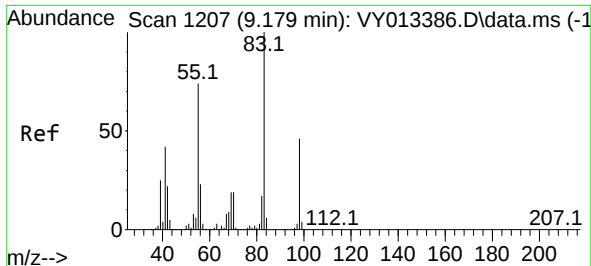
Tgt Ion: 43 Resp: 148478
Ion Ratio Lower Upper
43 100
61 13.4 11.4 17.0
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.239 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 117 Resp: 254897
Ion Ratio Lower Upper
117 100
119 96.6 79.0 118.6
121 32.2 26.6 40.0





#39

Methylcyclohexane

Concen: 53.256 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

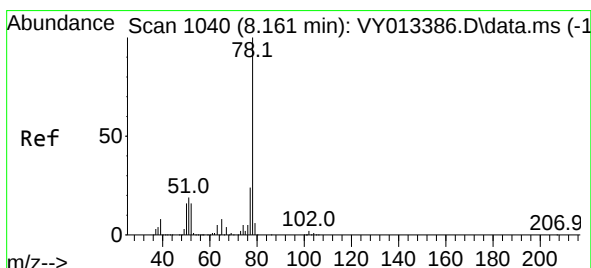
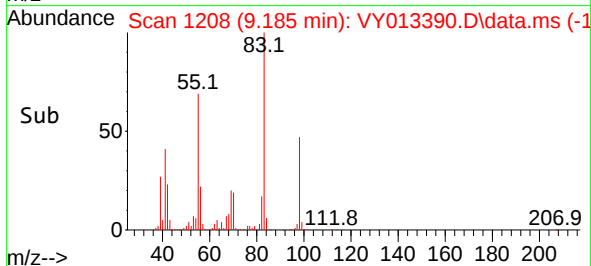
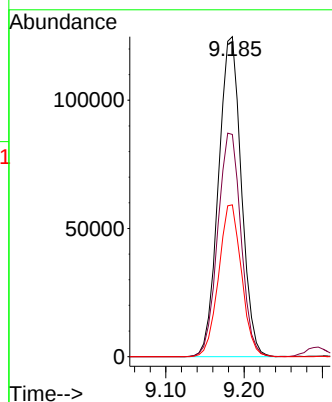
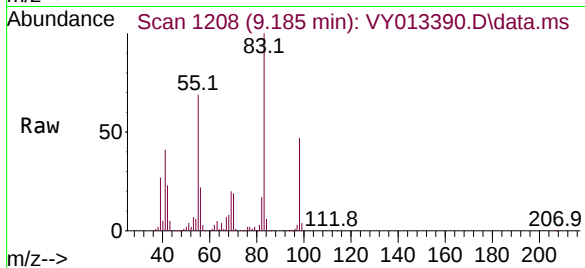
Tgt Ion: 83 Resp: 252971

Ion Ratio Lower Upper

83 100

55 69.4 59.0 88.4

98 47.5 37.0 55.4



#40

Benzene

Concen: 50.213 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013390.D

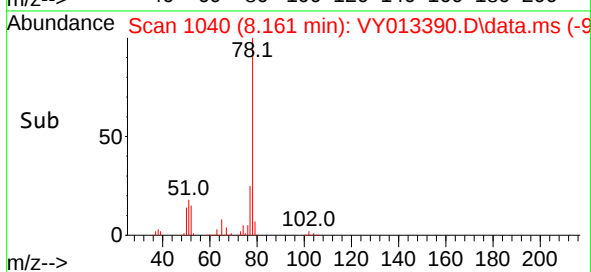
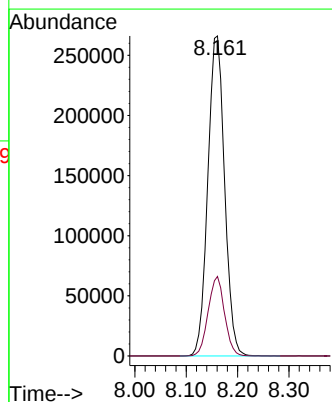
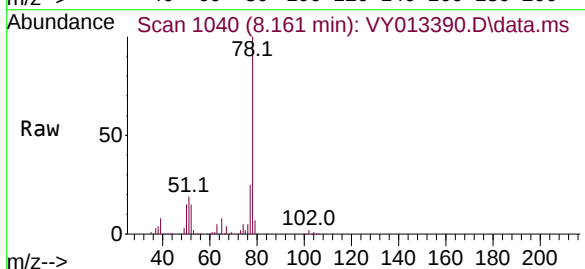
Acq: 21 Apr 2023 19:29

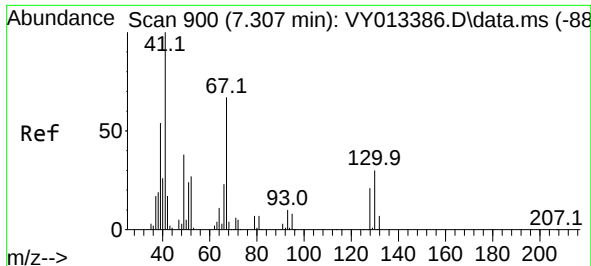
Tgt Ion: 78 Resp: 601987

Ion Ratio Lower Upper

78 100

77 24.9 19.2 28.8

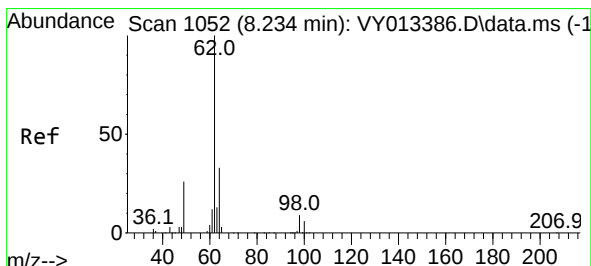
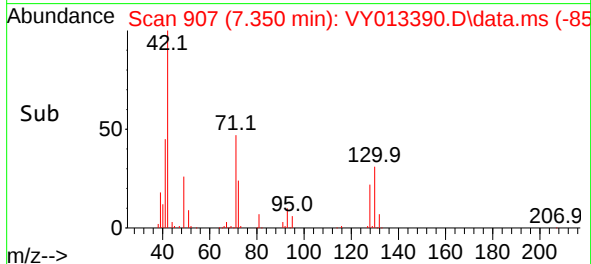
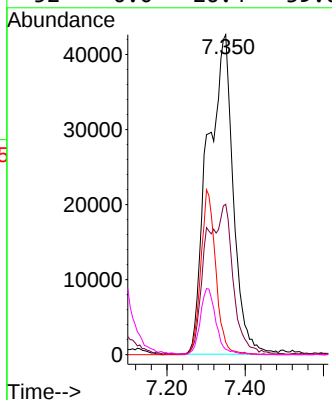
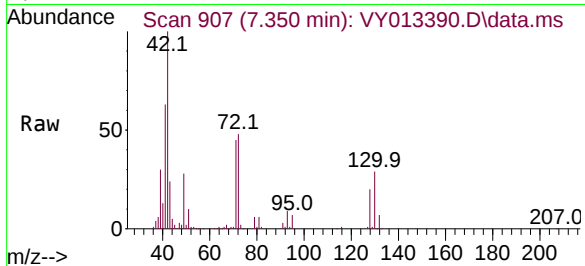




#41
Methacrylonitrile
Concen: 128.624 ug/l
RT: 7.350 min Scan# 900
Delta R.T. 0.043 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

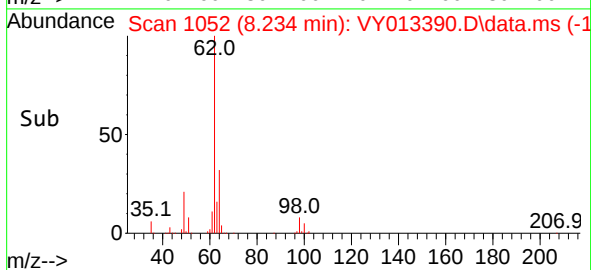
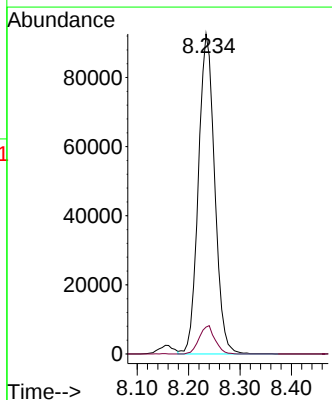
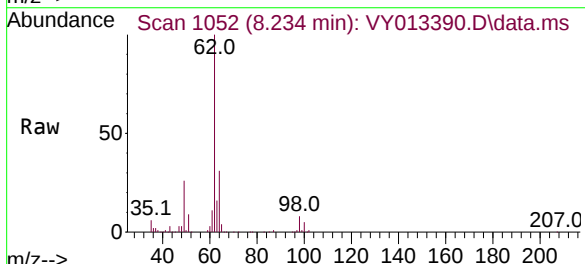
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

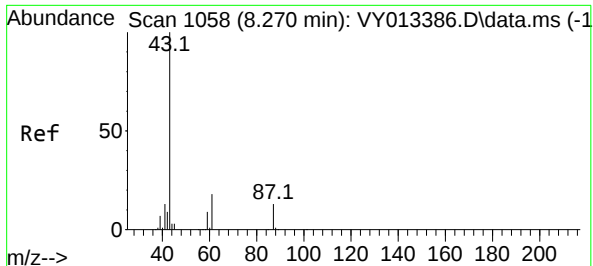
Tgt Ion: 41 Resp: 193036
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 51.649 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 62 Resp: 203795
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.8





#43

Isopropyl Acetate

Concen: 49.991 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVY042123

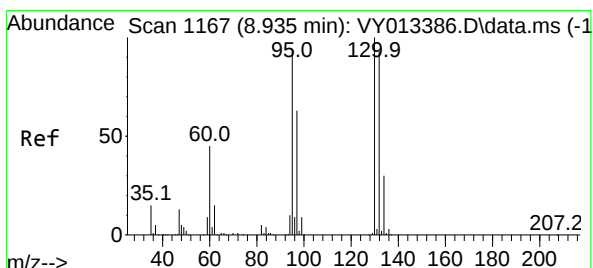
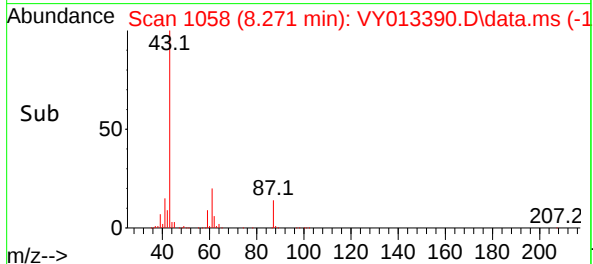
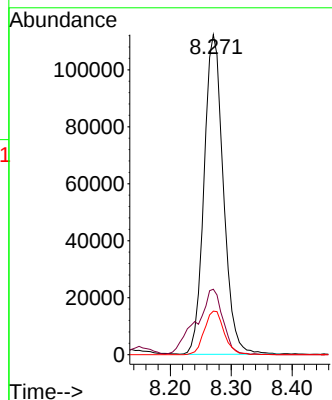
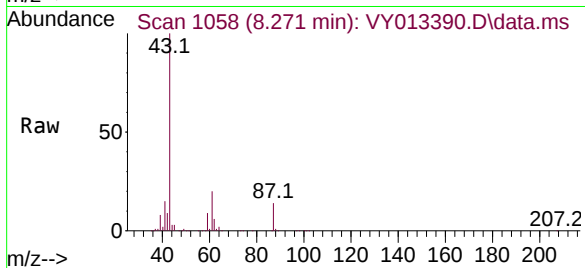
Tgt Ion: 43 Resp: 246566

Ion Ratio Lower Upper

43 100

61 28.3 22.2 33.4

87 14.1 11.0 16.6



#44

Trichloroethene

Concen: 52.014 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013390.D

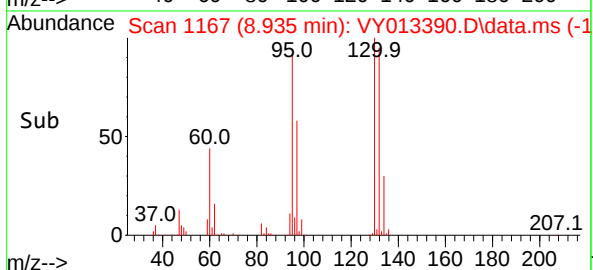
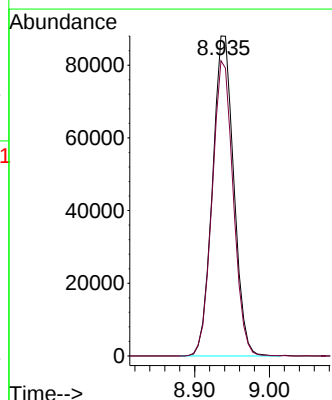
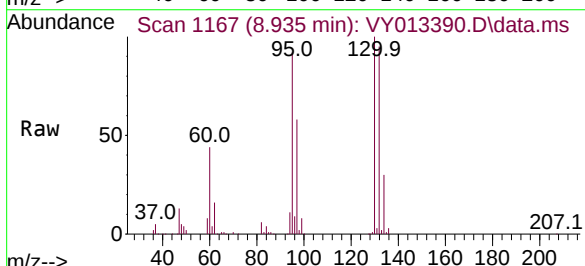
Acq: 21 Apr 2023 19:29

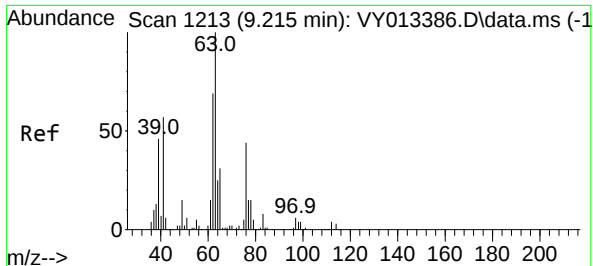
Tgt Ion:130 Resp: 174647

Ion Ratio Lower Upper

130 100

95 92.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 47.088 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

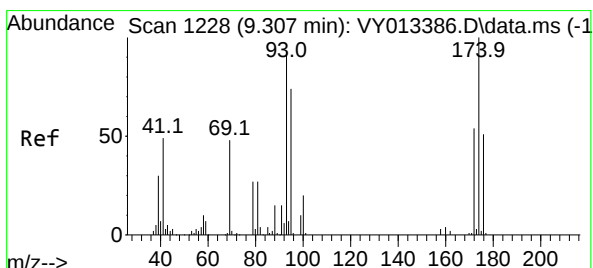
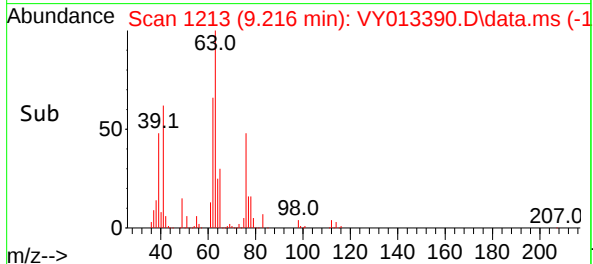
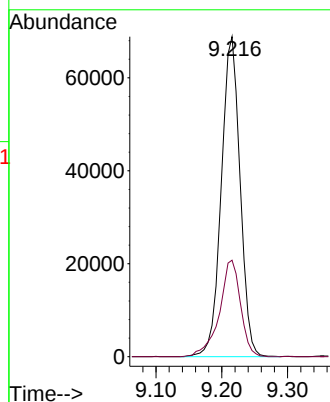
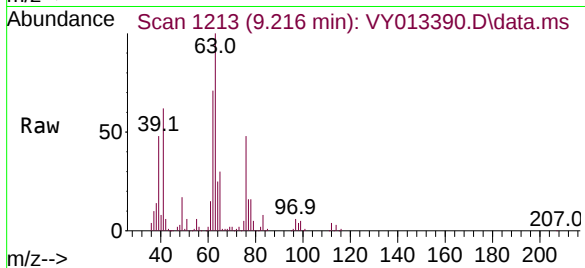
ICVVY042123

Tgt Ion: 63 Resp: 136864

Ion Ratio Lower Upper

63 100

65 30.1 24.6 37.0



#46

Dibromomethane

Concen: 47.323 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

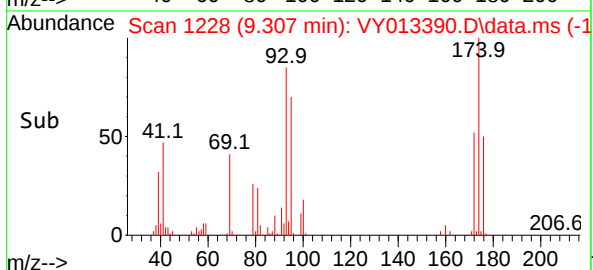
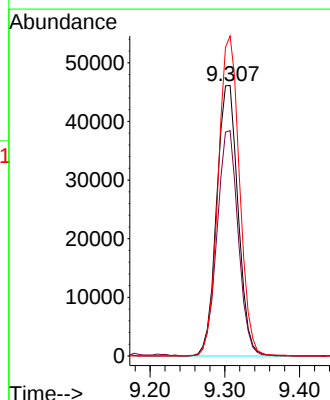
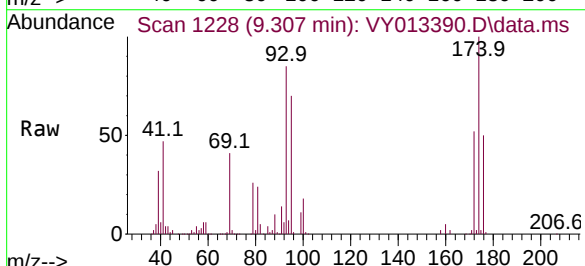
Tgt Ion: 93 Resp: 92072

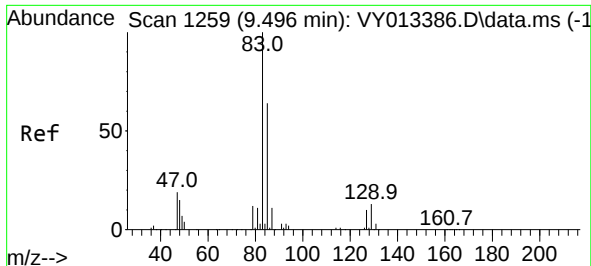
Ion Ratio Lower Upper

93 100

95 82.1 67.1 100.7

174 117.5 87.0 130.4

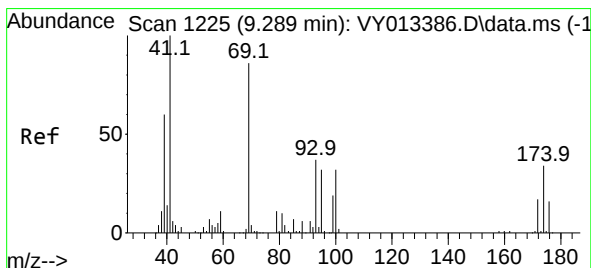
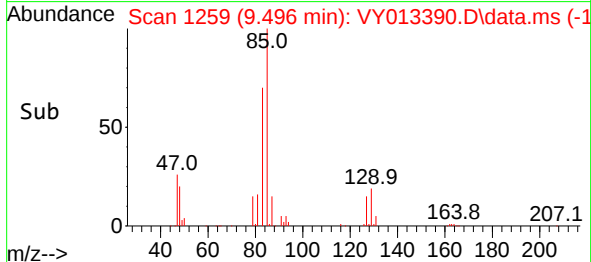
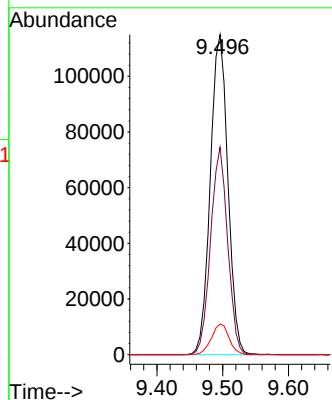
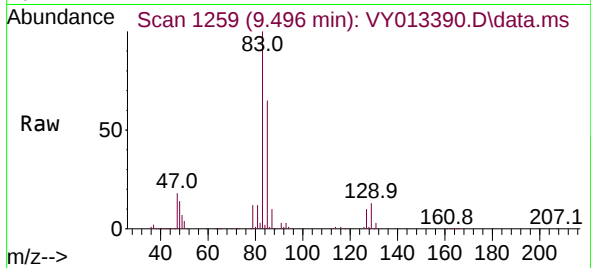




#47
Bromodichloromethane
Concen: 49.068 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

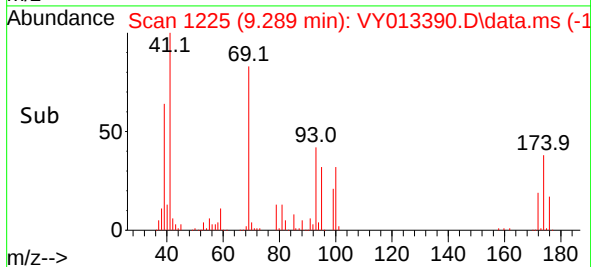
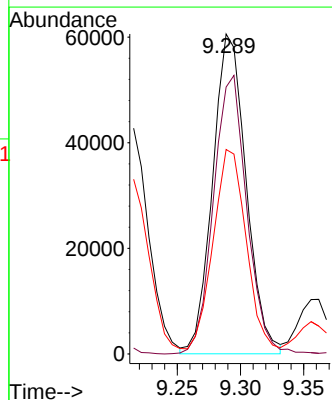
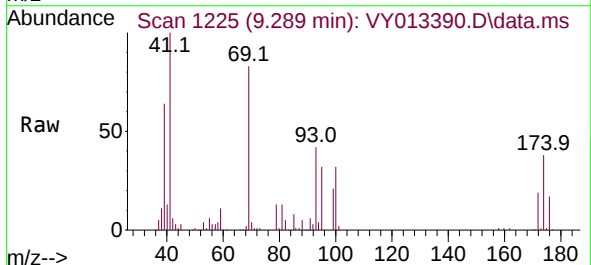
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

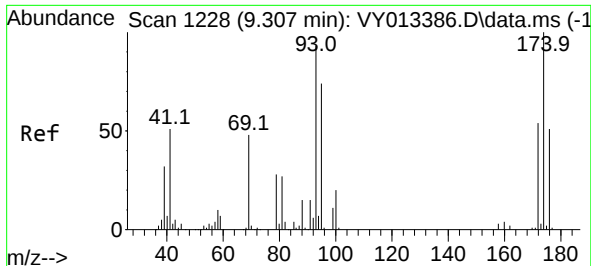
Tgt Ion: 83 Resp: 213816
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 9.6 8.1 12.1



#48
Methyl methacrylate
Concen: 48.240 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 41 Resp: 111646
Ion Ratio Lower Upper
41 100
69 86.6 70.2 105.4
39 61.1 47.9 71.9





#49

1,4-Dioxane

Concen: 962.446 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

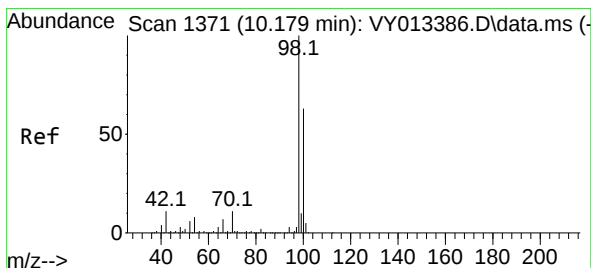
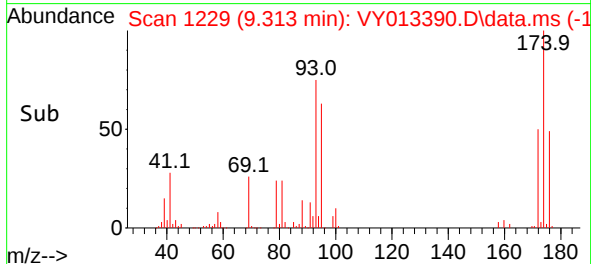
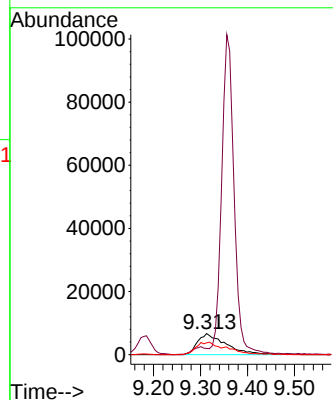
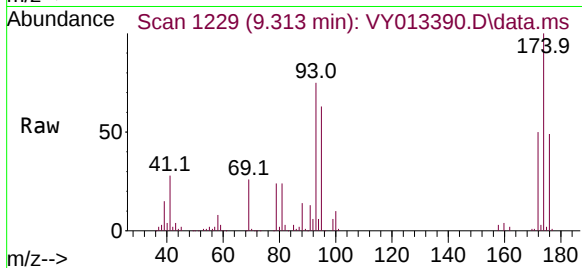
Tgt Ion: 88 Resp: 28306

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 63.3 54.3 81.5



#50

Toluene-d8

Concen: 41.716 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013390.D

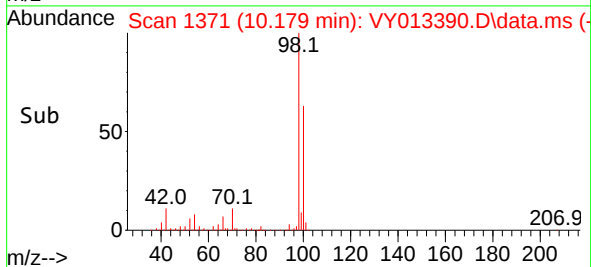
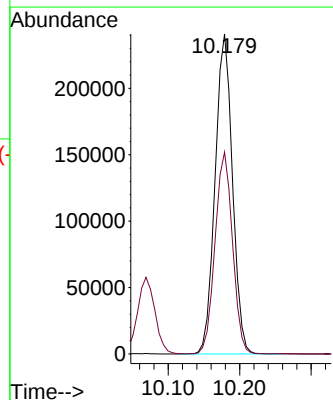
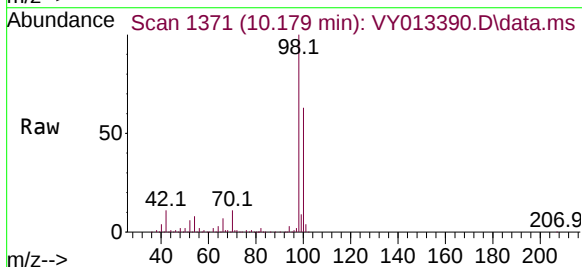
Acq: 21 Apr 2023 19:29

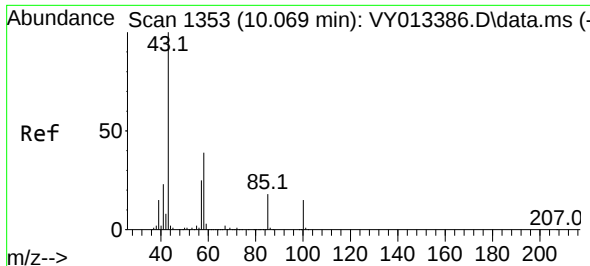
Tgt Ion: 98 Resp: 406311

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7

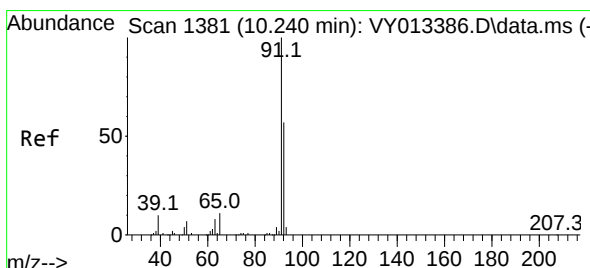
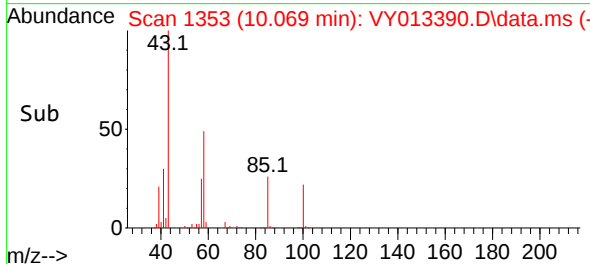
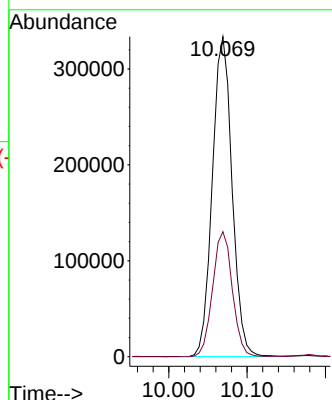
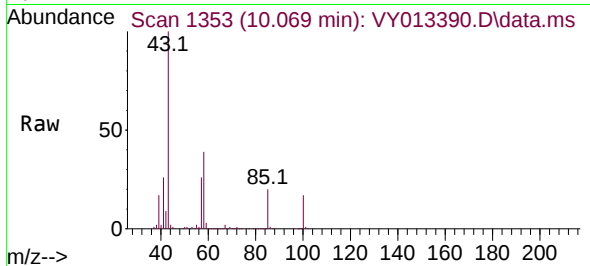




#51
4-Methyl-2-Pentanone
Concen: 208.467 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

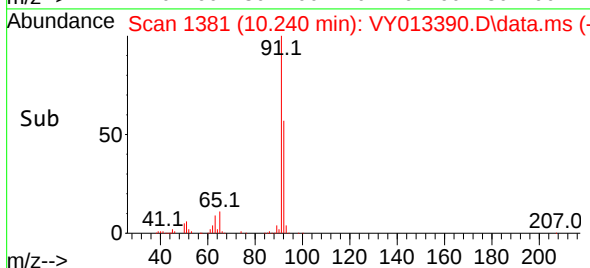
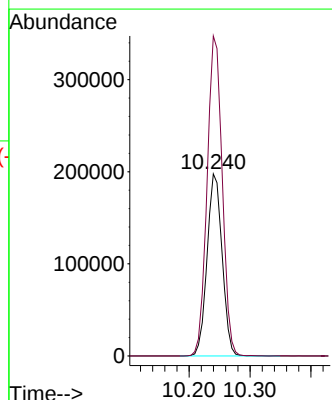
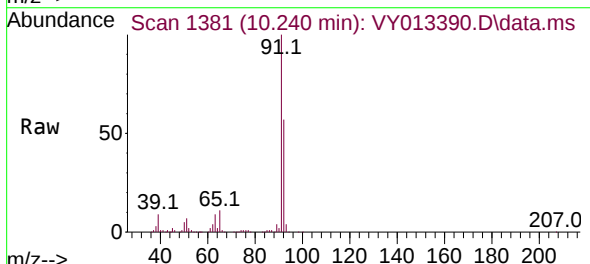
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

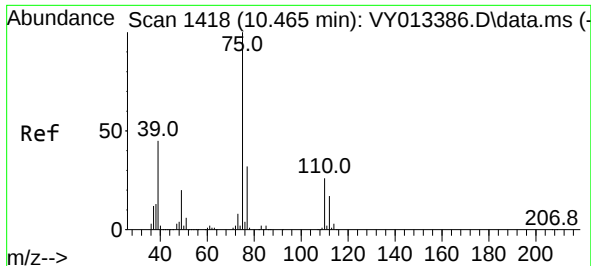
Tgt Ion: 43 Resp: 583508
Ion Ratio Lower Upper
43 100
58 39.1 30.6 46.0



#52
Toluene
Concen: 45.113 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 92 Resp: 339036
Ion Ratio Lower Upper
92 100
91 176.6 140.2 210.4

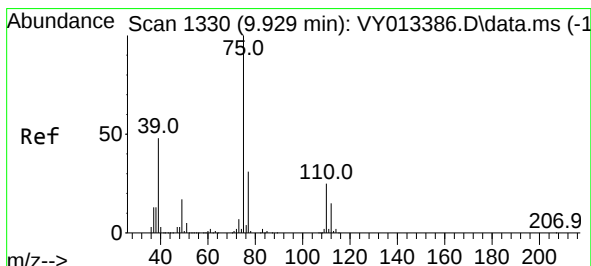
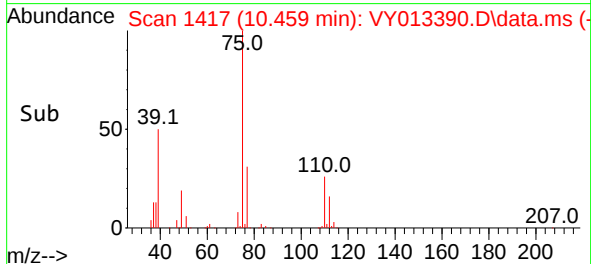
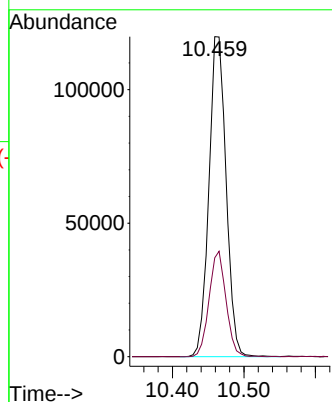
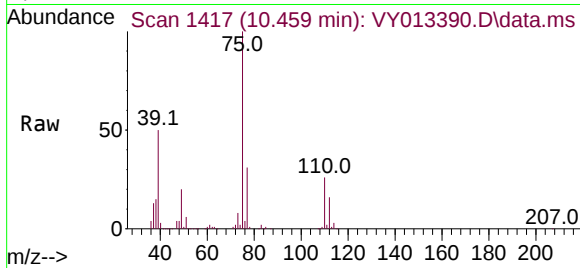




#53
 t-1,3-Dichloropropene
 Concen: 43.670 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

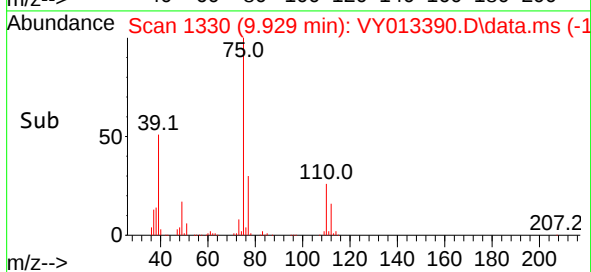
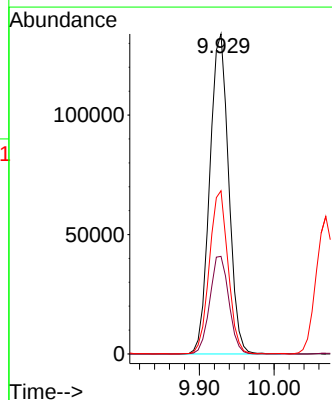
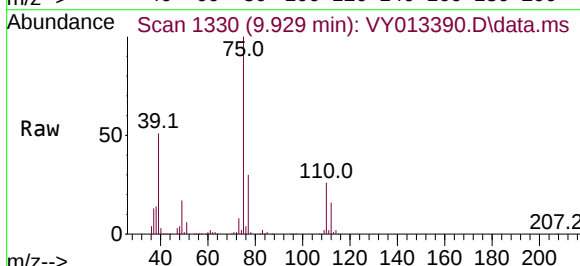
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVY042123

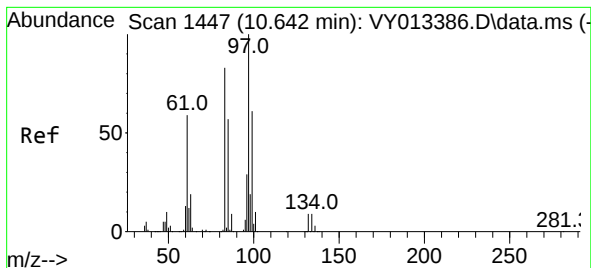
Tgt Ion: 75 Resp: 200388
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.231 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013390.D
 Acq: 21 Apr 2023 19:29

Tgt Ion: 75 Resp: 234946
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.8 37.2
 39 51.0 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 40.047 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

Tgt Ion: 97 Resp: 106003

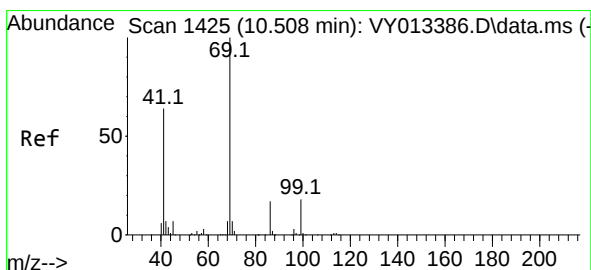
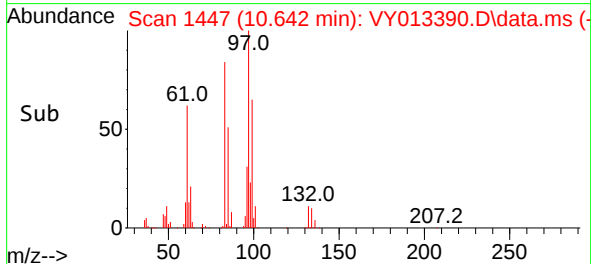
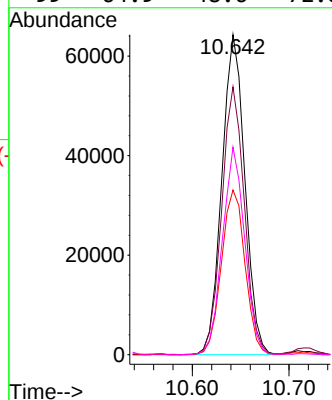
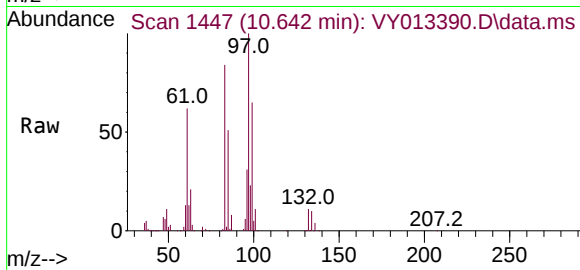
Ion Ratio Lower Upper

97 100

83 83.7 66.4 99.6

85 51.4 45.6 68.4

99 64.9 48.6 72.8



#56

Ethyl methacrylate

Concen: 42.893 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

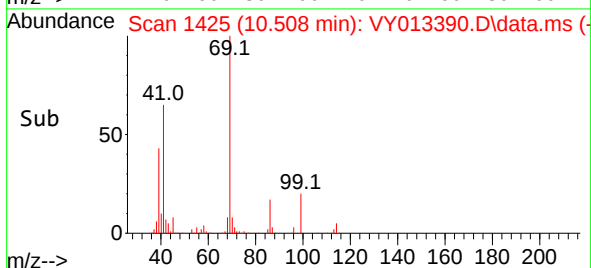
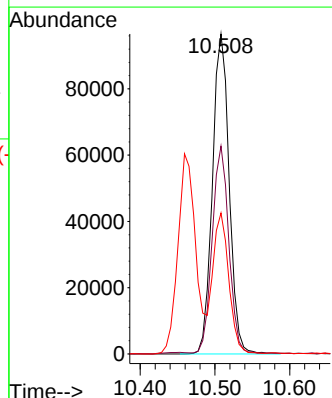
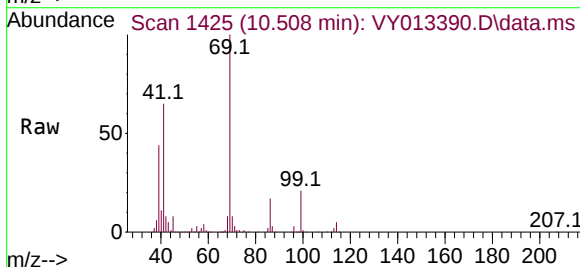
Tgt Ion: 69 Resp: 150761

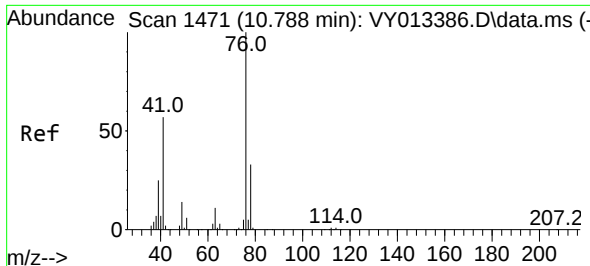
Ion Ratio Lower Upper

69 100

41 64.7 51.4 77.0

39 40.8 29.0 43.6





#57

1,3-Dichloropropane

Concen: 33.442 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

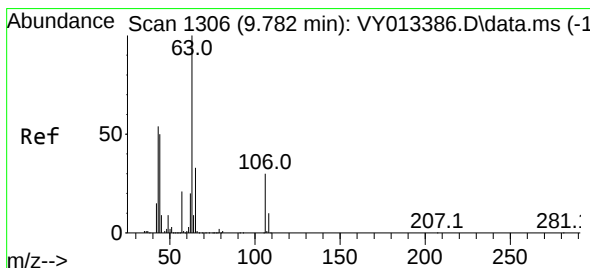
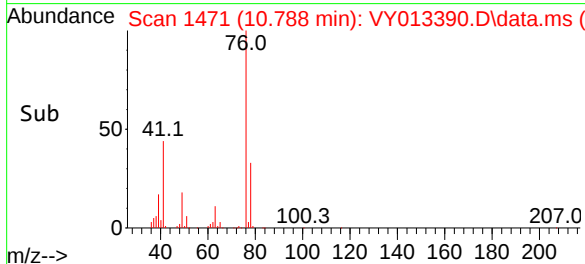
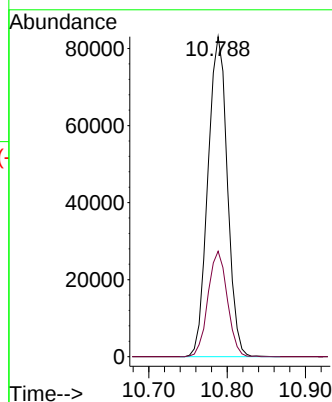
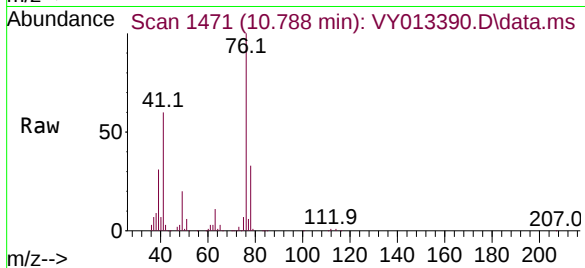
ICVY042123

Tgt Ion: 76 Resp: 143103

Ion Ratio Lower Upper

76 100

78 32.7 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 206.873 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013390.D

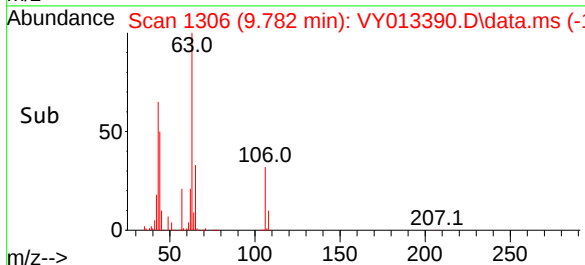
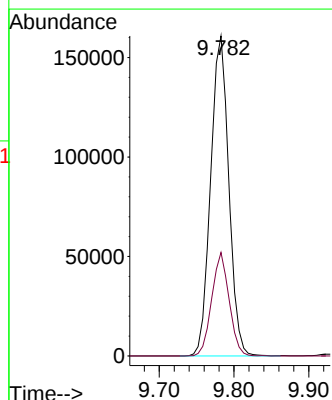
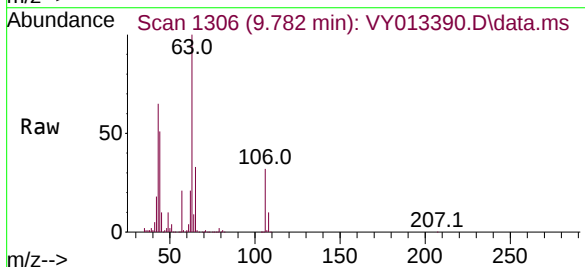
Acq: 21 Apr 2023 19:29

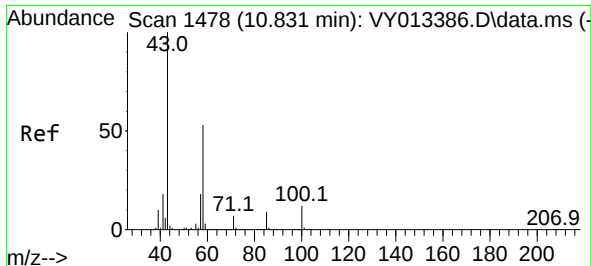
Tgt Ion: 63 Resp: 271453

Ion Ratio Lower Upper

63 100

106 30.9 23.5 35.3





#59

2-Hexanone

Concen: 155.269 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

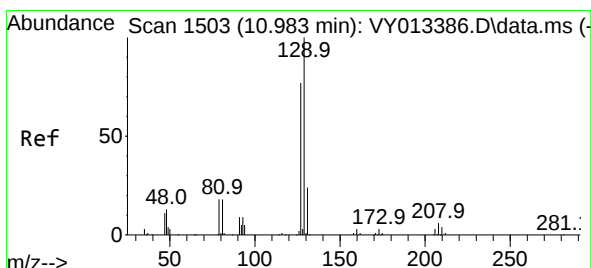
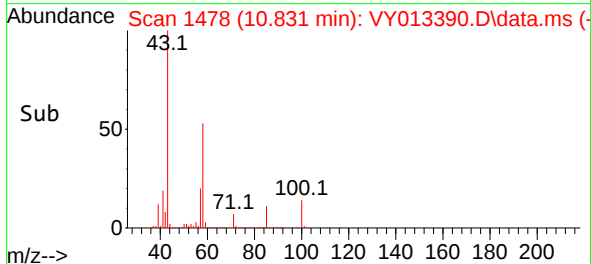
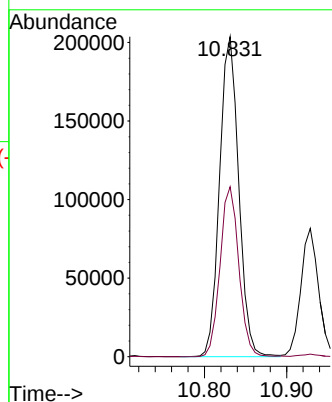
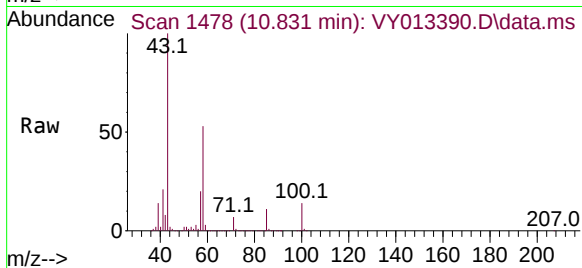
ICVVY042123

Tgt Ion: 43 Resp: 329750

Ion Ratio Lower Upper

43 100

58 52.1 26.3 78.8



#60

Dibromochloromethane

Concen: 35.543 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013390.D

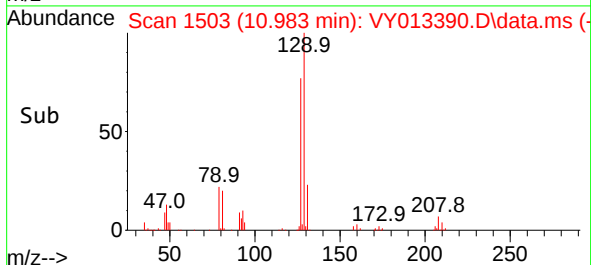
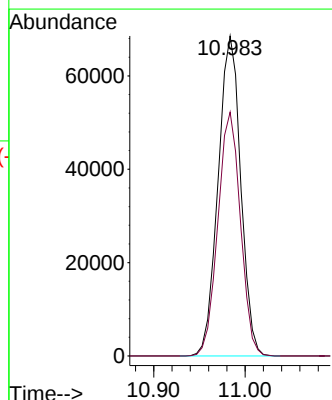
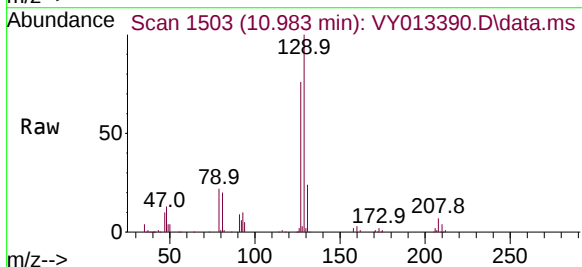
Acq: 21 Apr 2023 19:29

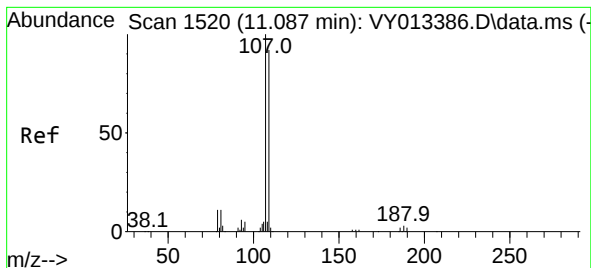
Tgt Ion: 129 Resp: 117965

Ion Ratio Lower Upper

129 100

127 75.8 38.7 116.1

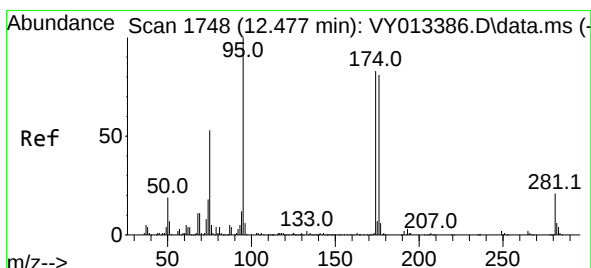
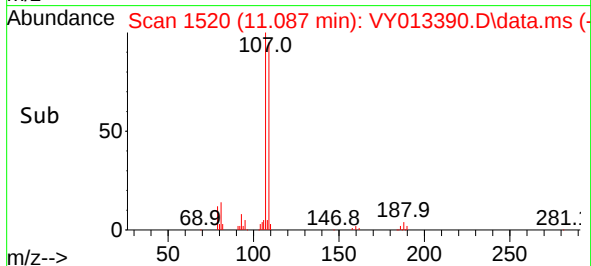
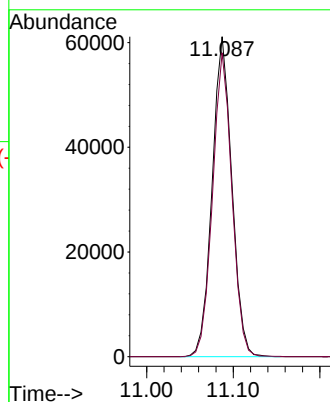
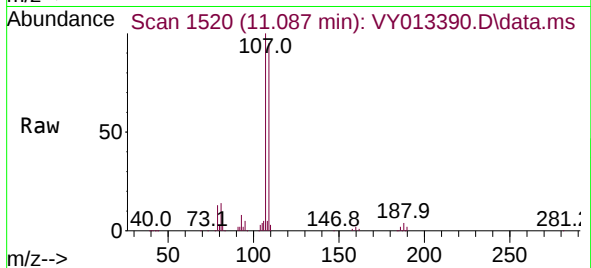




#61
1,2-Dibromoethane
Concen: 36.864 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

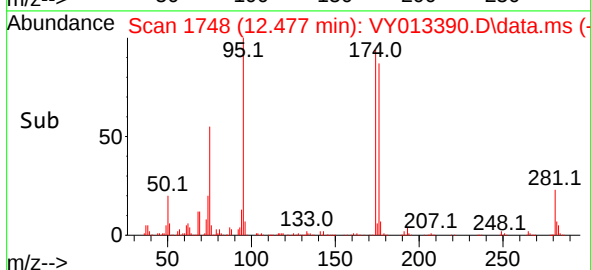
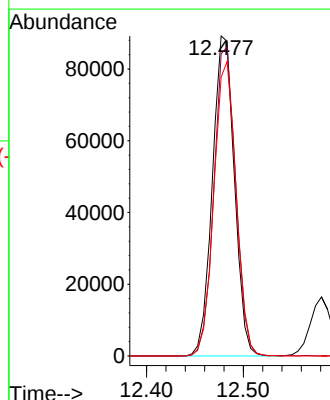
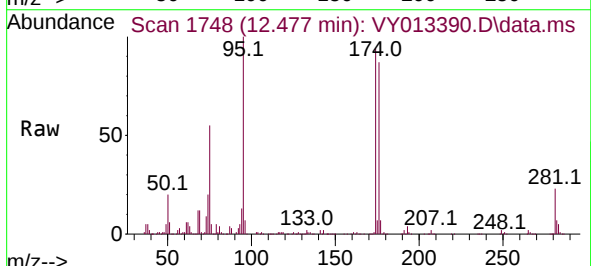
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

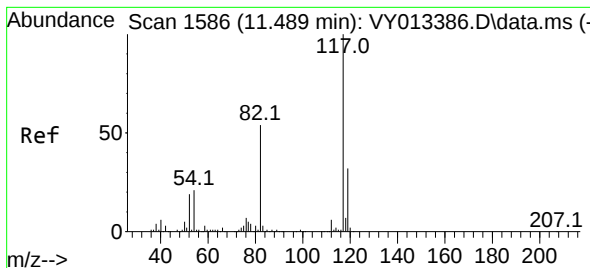
Tgt Ion:107 Resp: 96459
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 95 Resp: 141042
Ion Ratio Lower Upper
95 100
174 95.7 0.0 182.0
176 92.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

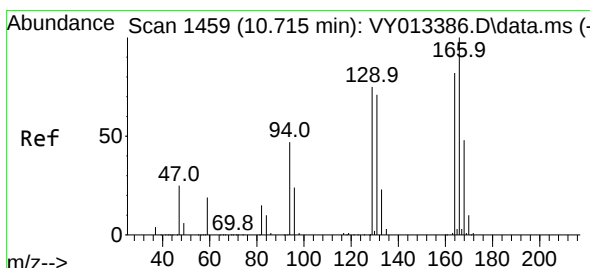
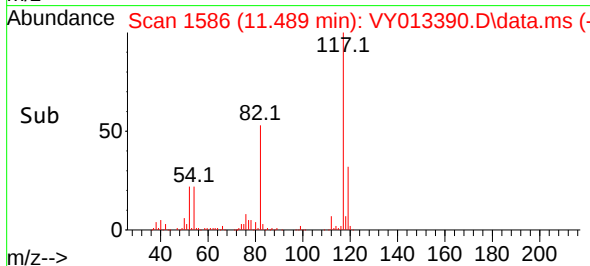
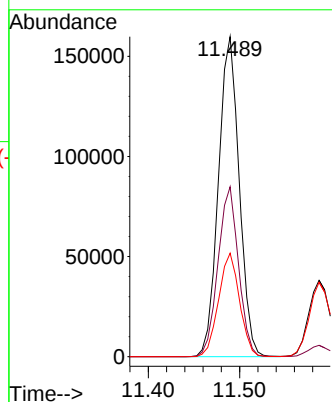
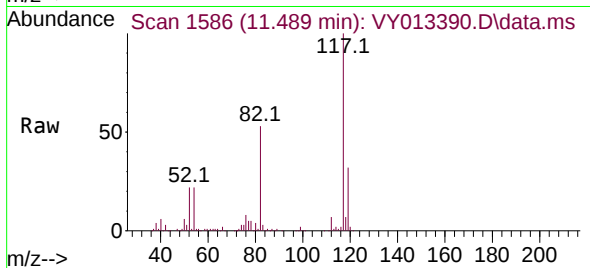
Tgt Ion:117 Resp: 252790

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.6

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 68.271 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Tgt Ion:164 Resp: 130330

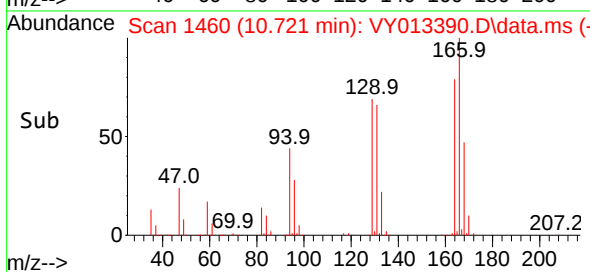
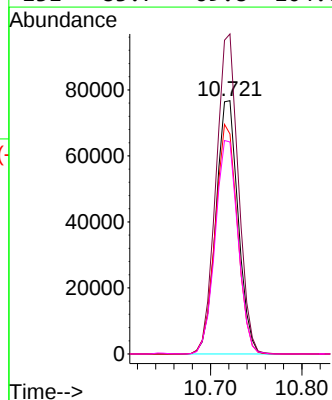
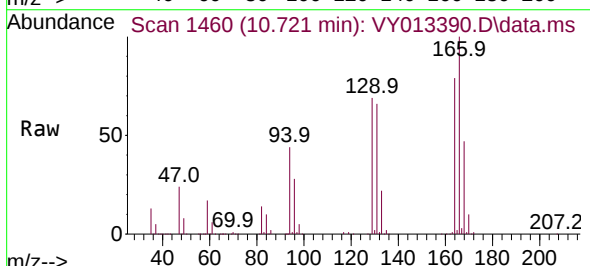
Ion Ratio Lower Upper

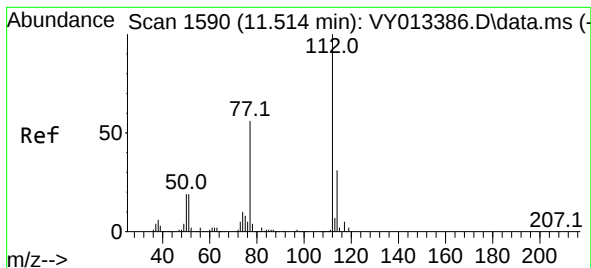
164 100

166 126.3 97.5 146.3

129 86.8 72.6 109.0

131 83.7 69.8 104.6





#65

Chlorobenzene

Concen: 50.554 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

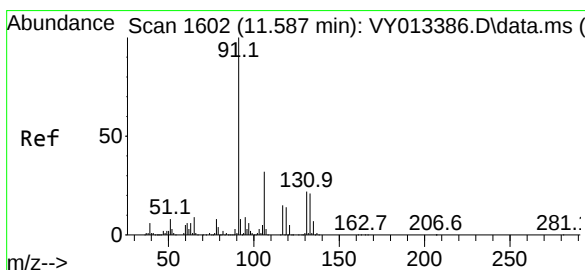
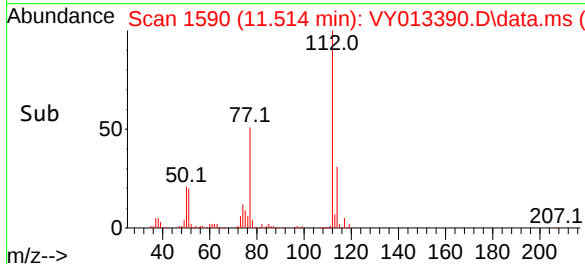
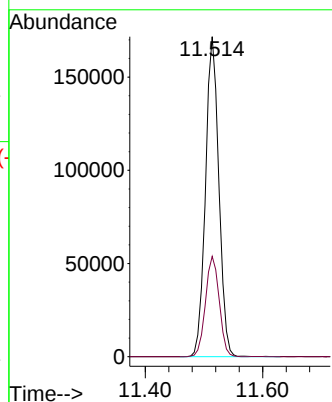
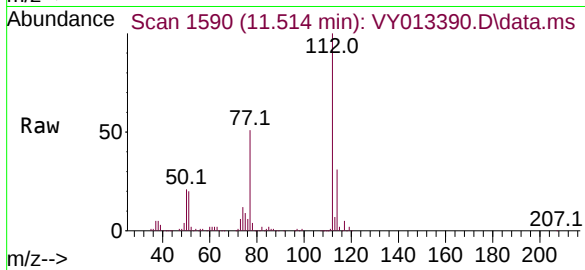
ICVVY042123

Tgt Ion:112 Resp: 271058

Ion Ratio Lower Upper

112 100

114 31.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.938 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

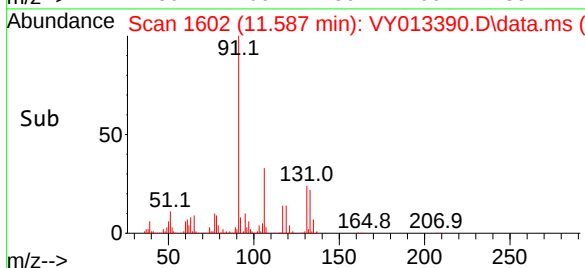
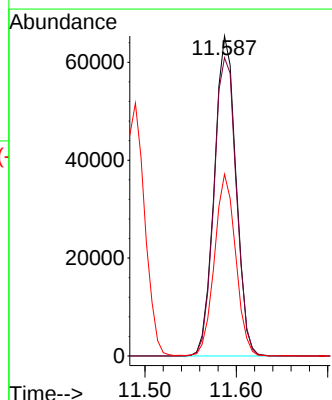
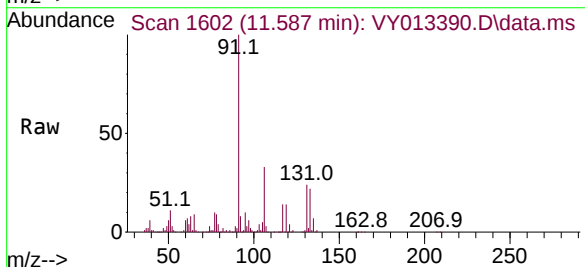
Tgt Ion:131 Resp: 107724

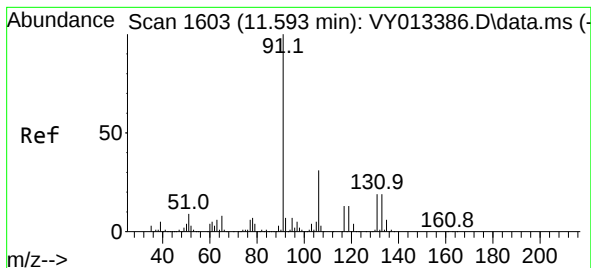
Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

119 55.5 32.6 98.0





#67

Ethyl Benzene

Concen: 48.677 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

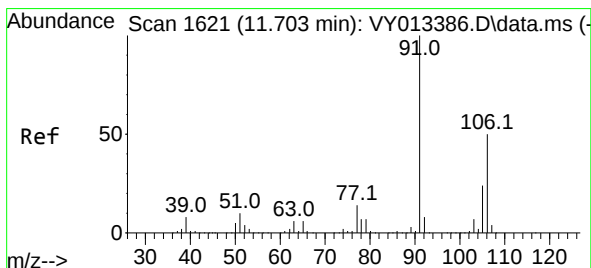
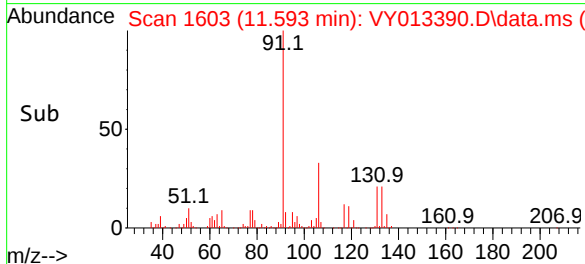
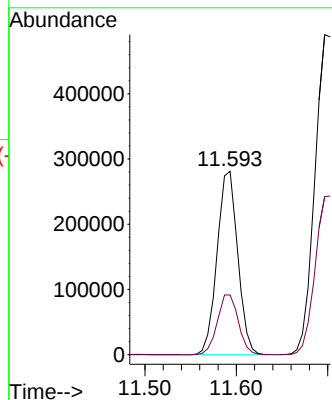
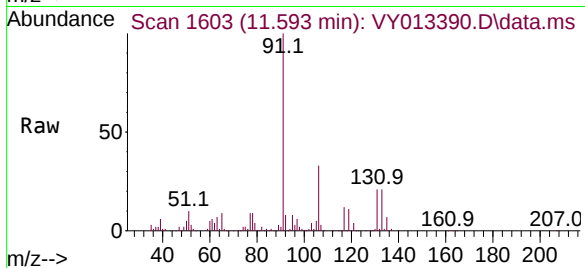
ICVVY042123

Tgt Ion: 91 Resp: 442574

Ion Ratio Lower Upper

91 100

106 32.5 25.1 37.7



#68

m/p-Xylenes

Concen: 128.133 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013390.D

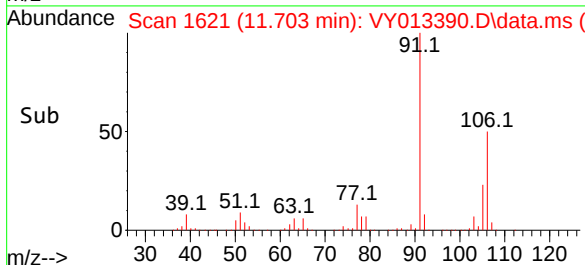
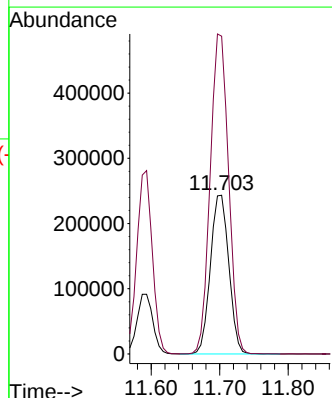
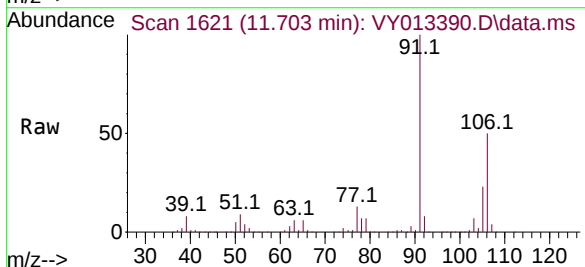
Acq: 21 Apr 2023 19:29

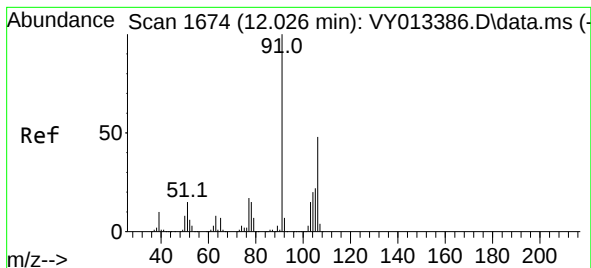
Tgt Ion:106 Resp: 453965

Ion Ratio Lower Upper

106 100

91 201.1 160.9 241.3





#69

o-Xylene

Concen: 59.101 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

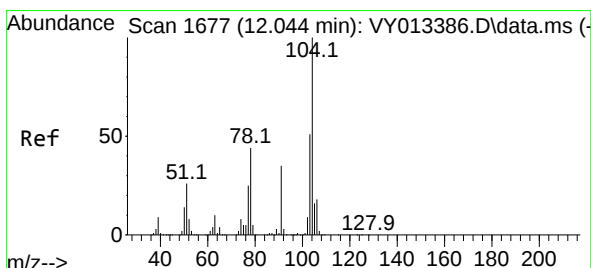
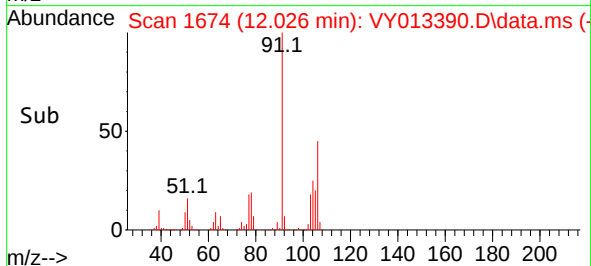
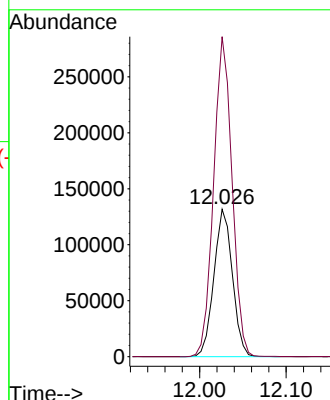
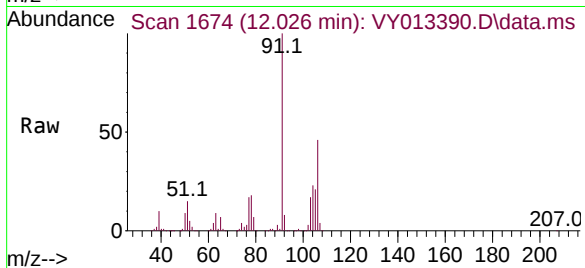
ICVY042123

Tgt Ion:106 Resp: 195712

Ion Ratio Lower Upper

106 100

91 216.1 105.5 316.4



#70

Styrene

Concen: 57.949 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

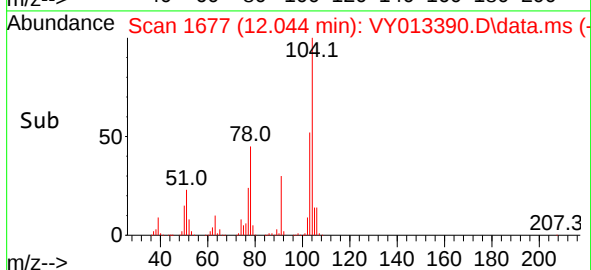
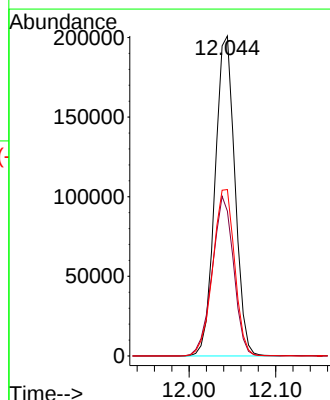
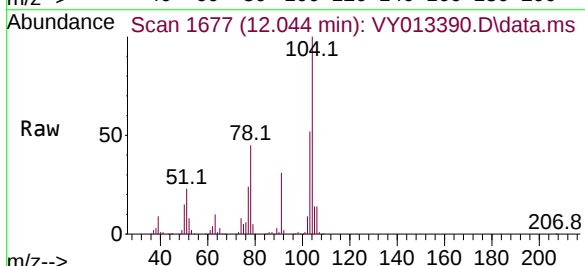
Tgt Ion:104 Resp: 320954

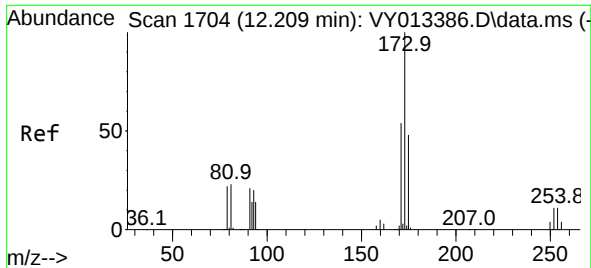
Ion Ratio Lower Upper

104 100

78 53.6 40.3 60.5

103 57.2 45.0 67.4

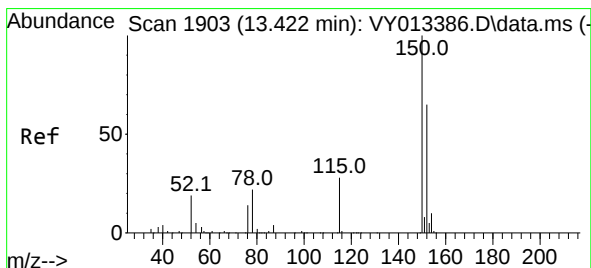
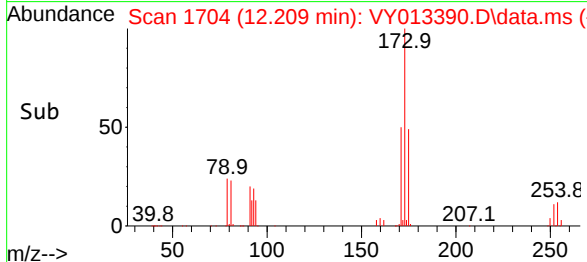
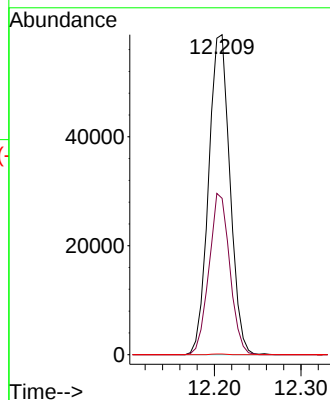
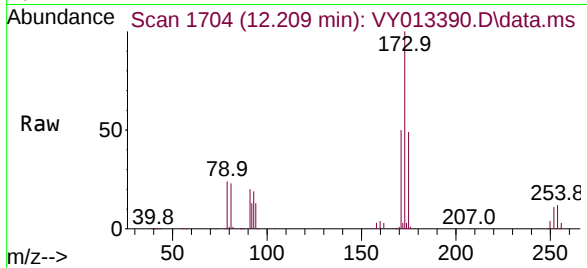




#71
Bromoform
Concen: 66.742 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

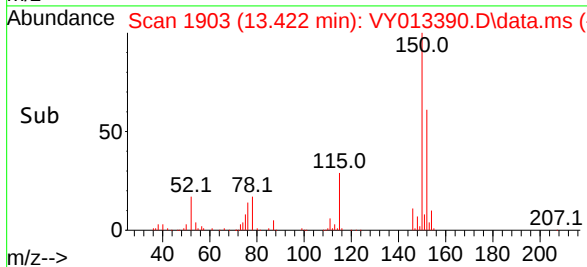
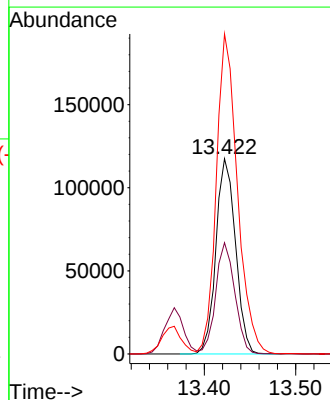
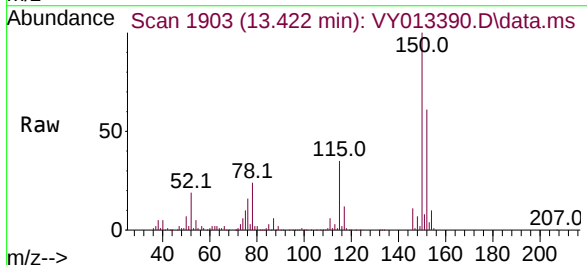
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

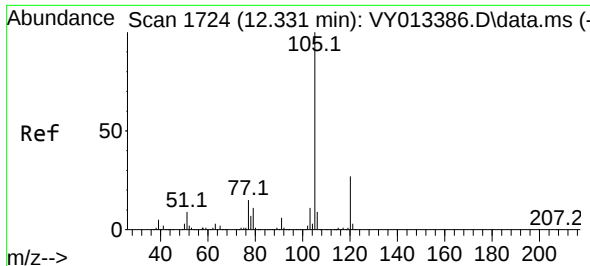
Tgt Ion:173 Resp: 100411
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion:152 Resp: 174996
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 176.3 0.0 352.0

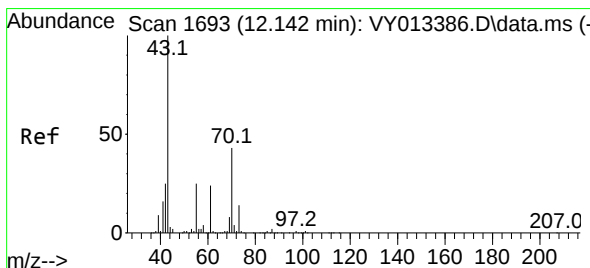
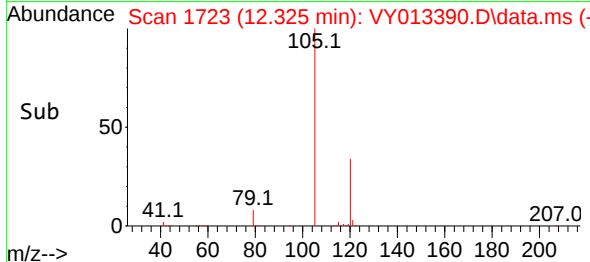
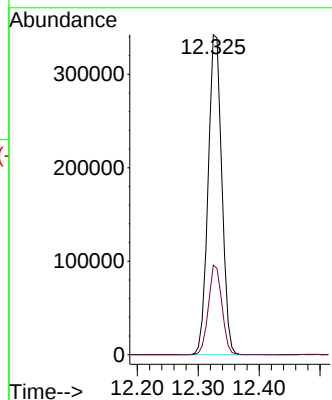
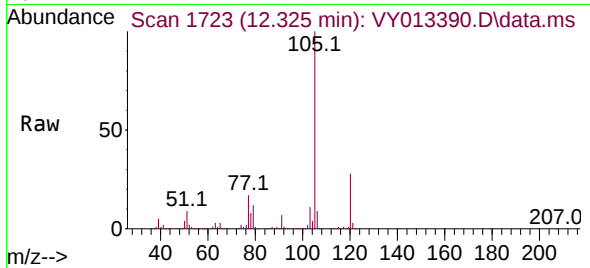




#73
Isopropylbenzene
Concen: 45.171 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

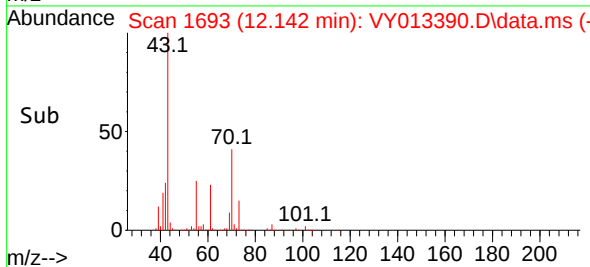
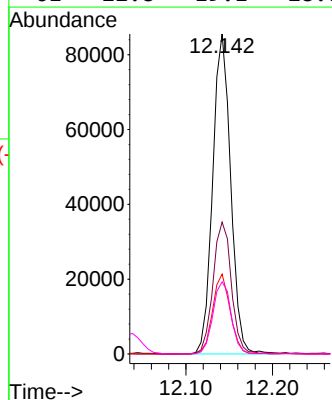
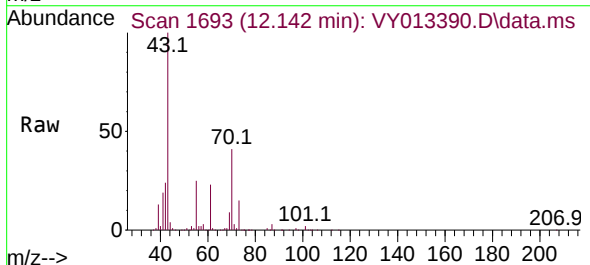
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

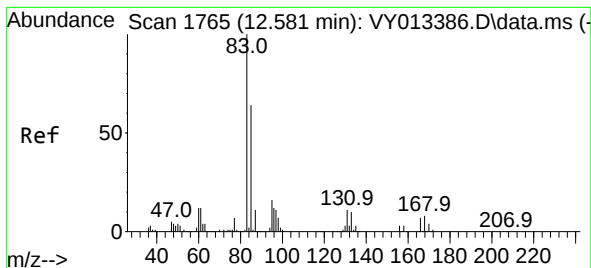
Tgt Ion:105 Resp: 533688
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.0



#74
N-ethyl acetate
Concen: 33.515 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 43 Resp: 123366
Ion Ratio Lower Upper
43 100
70 42.1 33.0 49.4
55 24.6 19.8 29.6
61 22.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 42.962 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVY042123

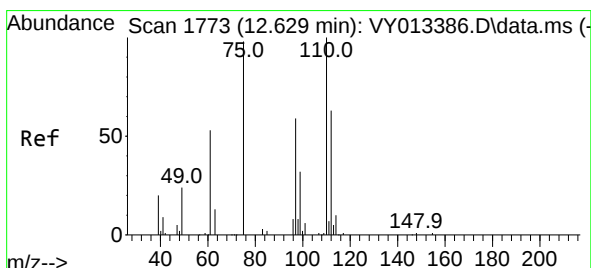
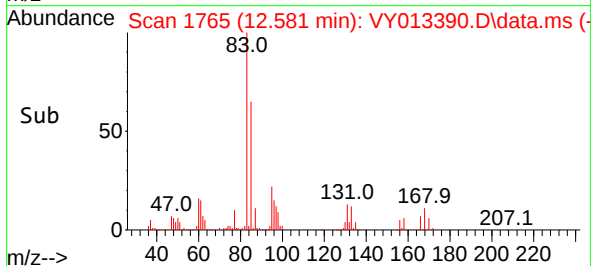
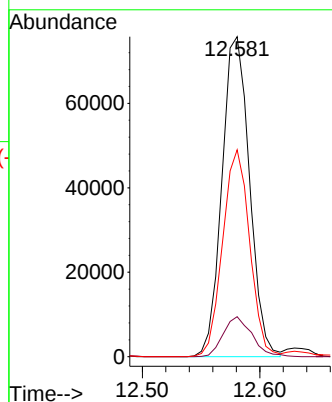
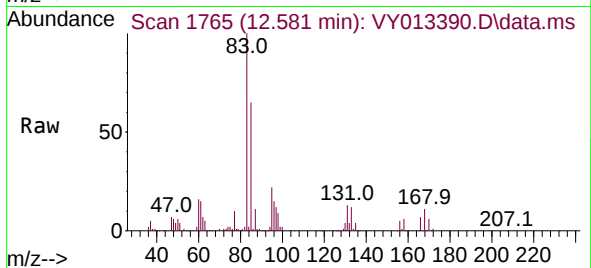
Tgt Ion: 83 Resp: 123966

Ion Ratio Lower Upper

83 100

131 13.0 5.7 17.0

85 63.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 82.280 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013390.D

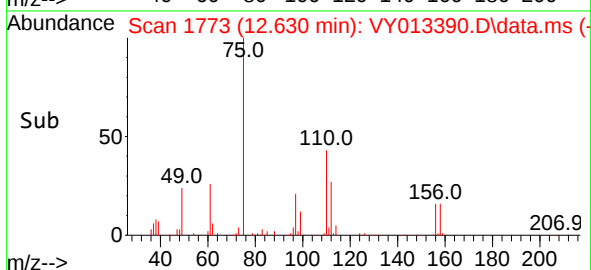
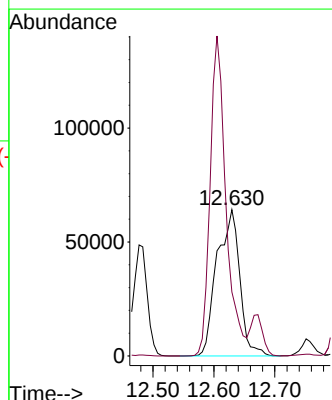
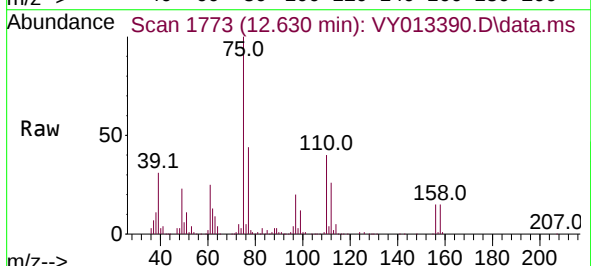
Acq: 21 Apr 2023 19:29

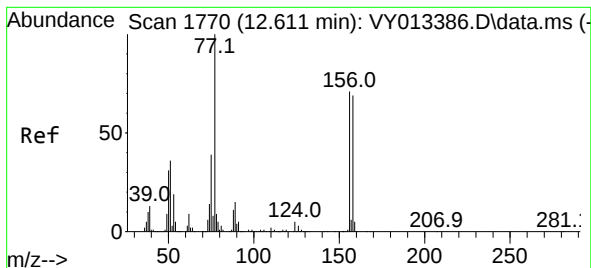
Tgt Ion: 75 Resp: 166906

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.558 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

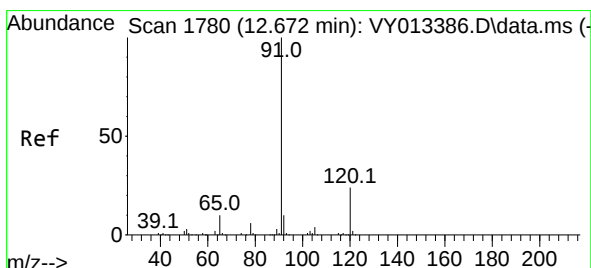
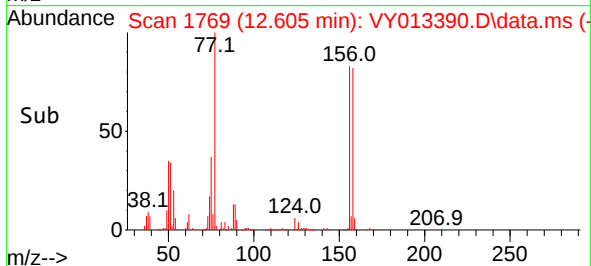
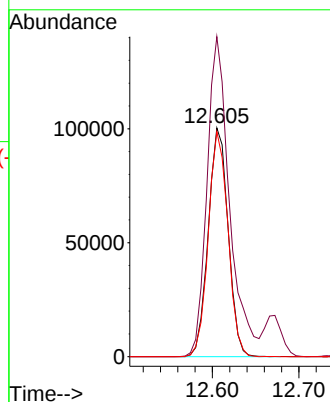
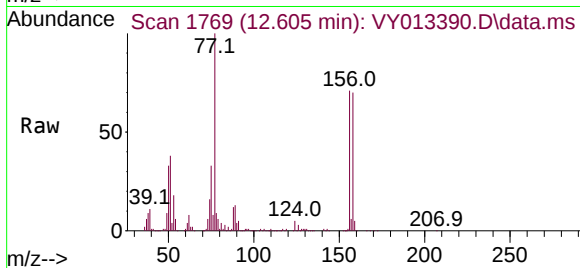
Tgt Ion:156 Resp: 160169

Ion Ratio Lower Upper

156 100

77 158.8 87.6 262.9

158 97.1 48.5 145.5



#78

n-propylbenzene

Concen: 45.702 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013390.D

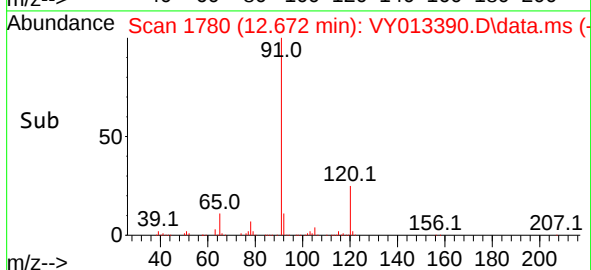
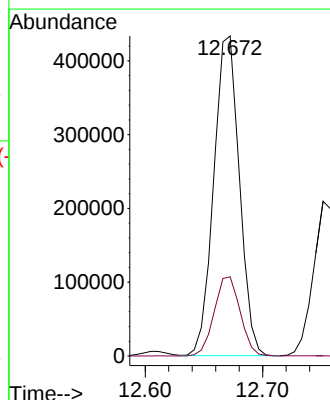
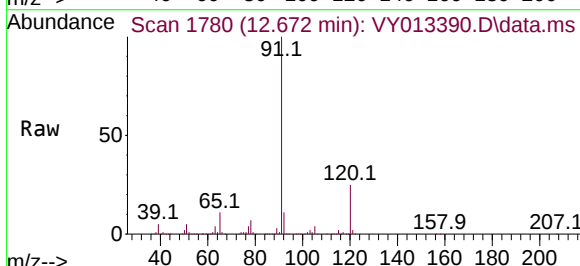
Acq: 21 Apr 2023 19:29

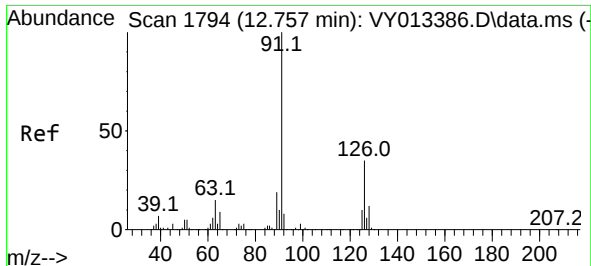
Tgt Ion: 91 Resp: 656663

Ion Ratio Lower Upper

91 100

120 25.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 39.812 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

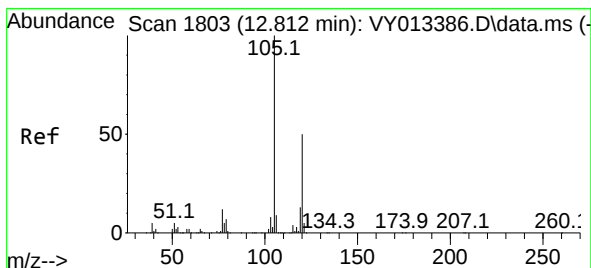
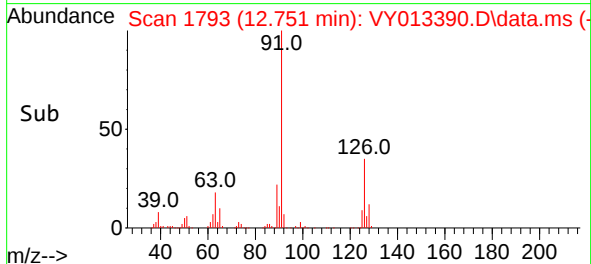
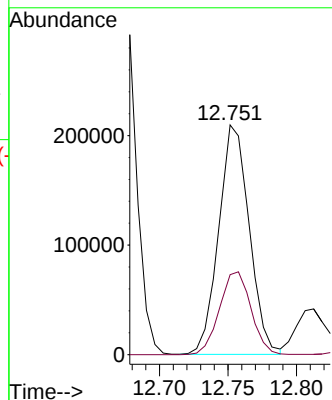
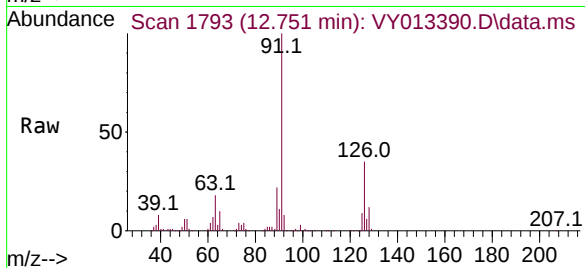
ICVVY042123

Tgt Ion: 91 Resp: 325560

Ion Ratio Lower Upper

91 100

126 37.3 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 53.015 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013390.D

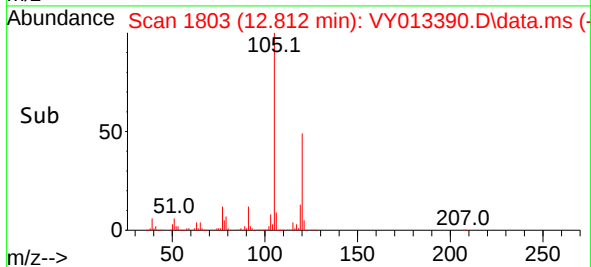
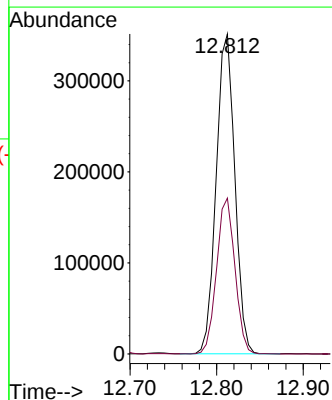
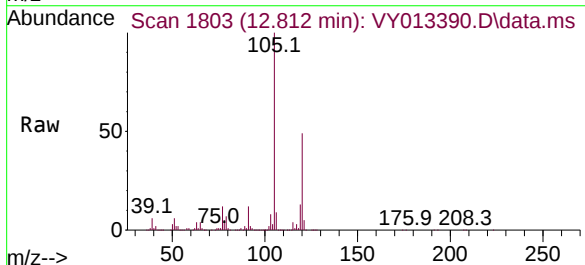
Acq: 21 Apr 2023 19:29

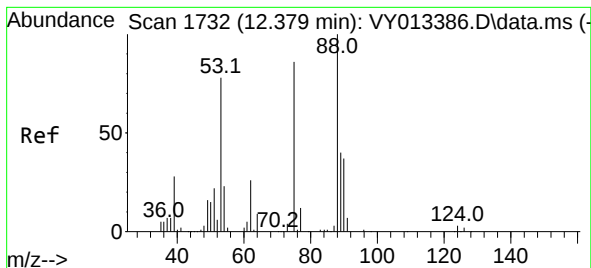
Tgt Ion: 105 Resp: 524604

Ion Ratio Lower Upper

105 100

120 48.1 24.7 74.1

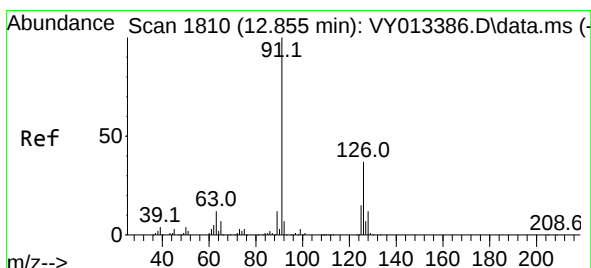
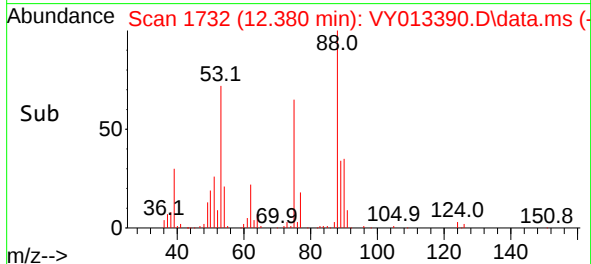
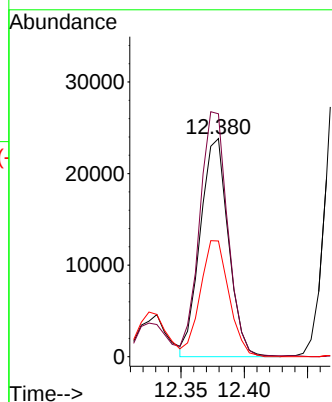
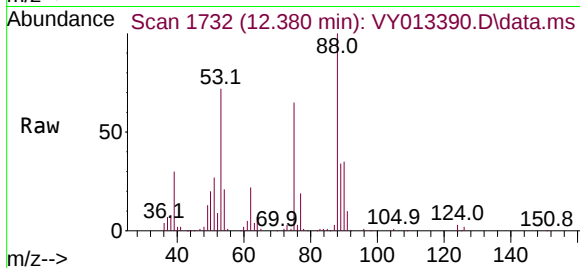




#81
trans-1,4-Dichloro-2-butene
Concen: 36.019 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

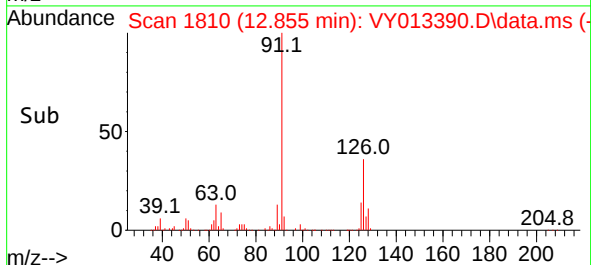
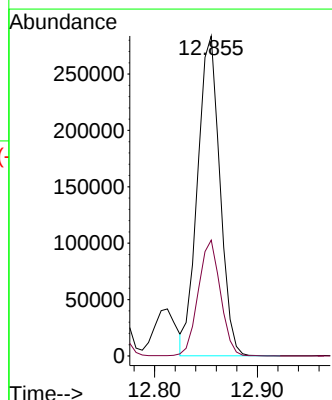
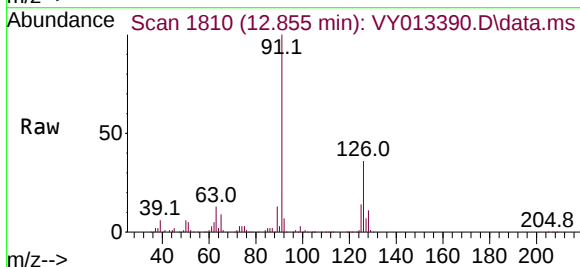
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

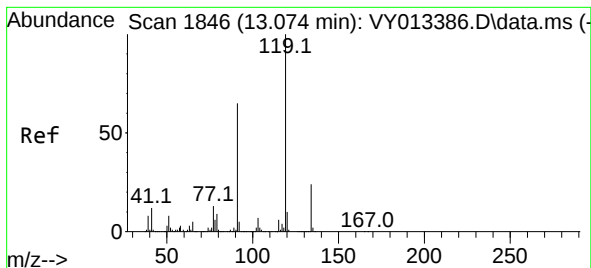
Tgt Ion: 75 Resp: 37019
Ion Ratio Lower Upper
75 100
53 112.1 73.2 109.8#
89 54.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.262 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 91 Resp: 428319
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 48.883 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

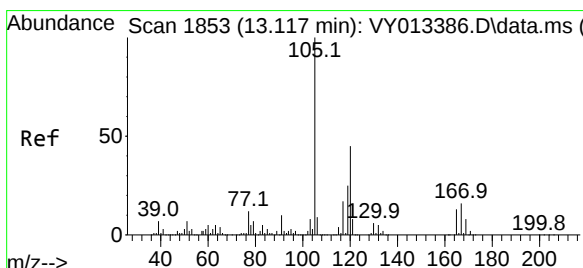
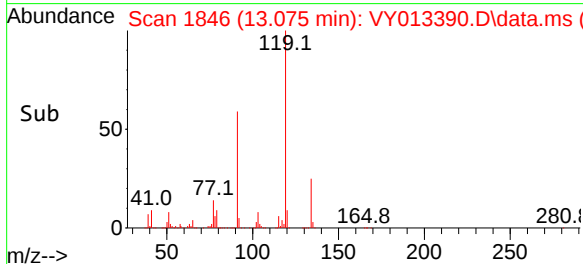
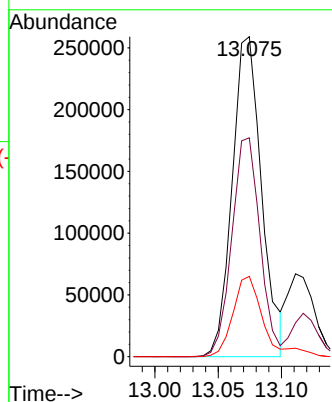
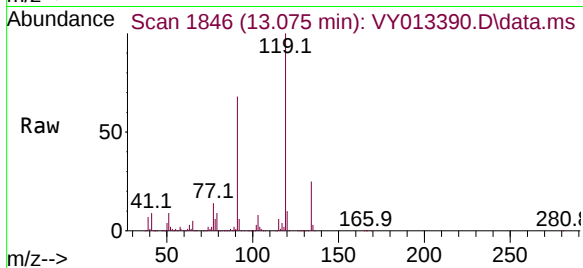
Tgt Ion:119 Resp: 418802

Ion Ratio Lower Upper

119 100

91 65.7 32.2 96.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 45.309 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013390.D

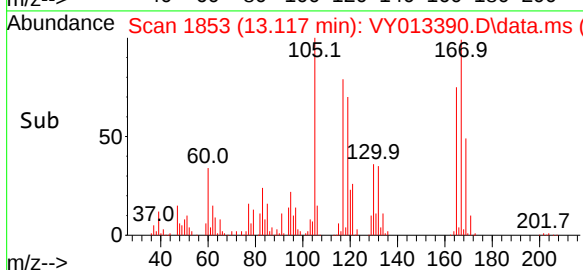
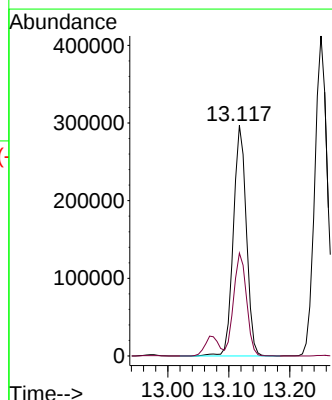
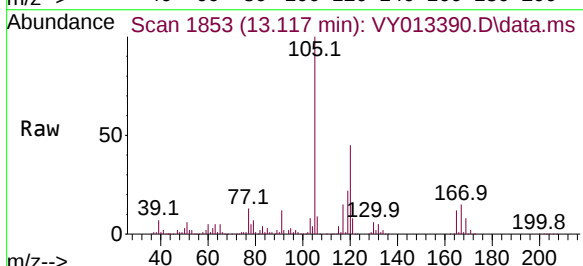
Acq: 21 Apr 2023 19:29

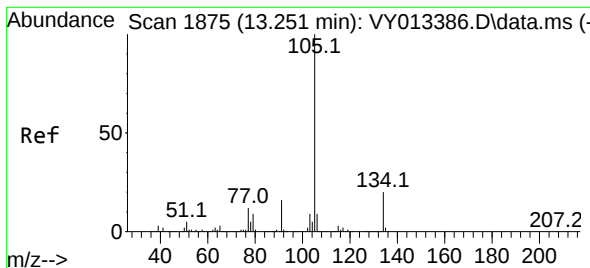
Tgt Ion:105 Resp: 439867

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.254 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

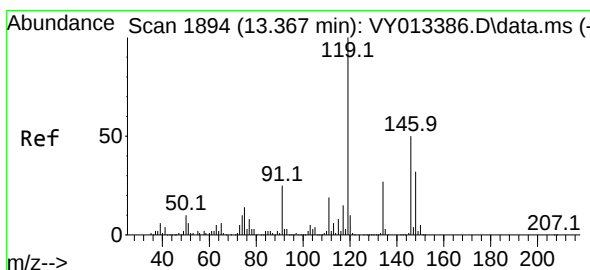
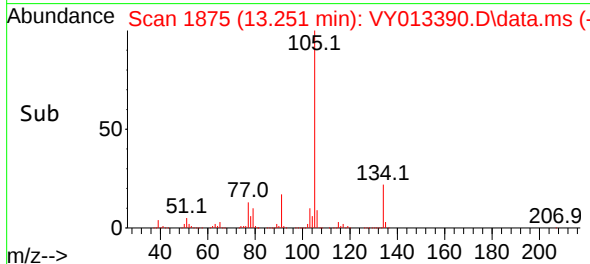
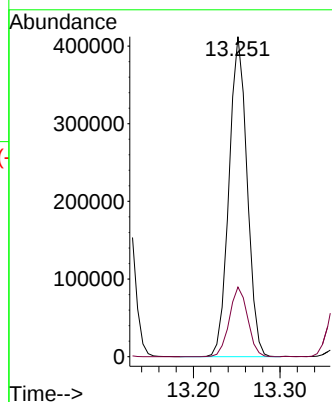
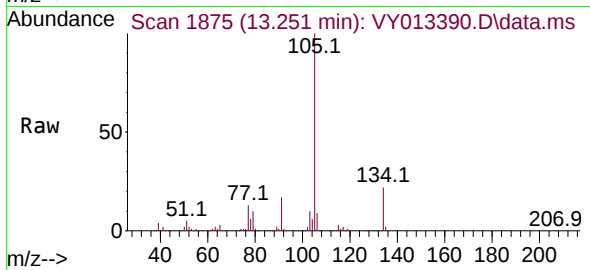
ICVVY042123

Tgt Ion:105 Resp: 597810

Ion Ratio Lower Upper

105 100

134 21.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 43.823 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

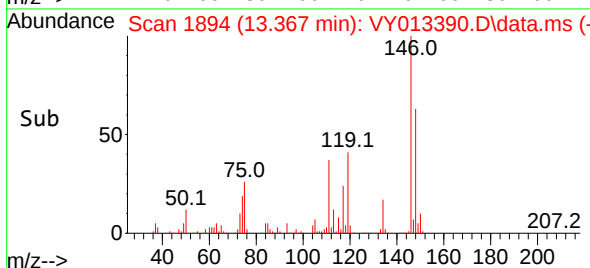
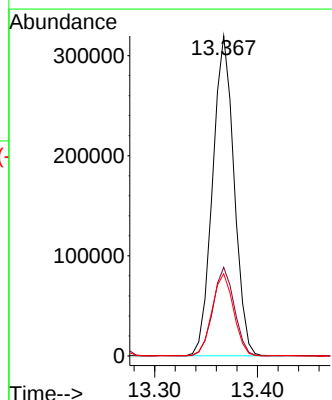
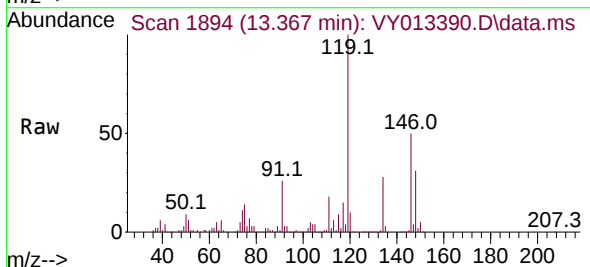
Tgt Ion:119 Resp: 463044

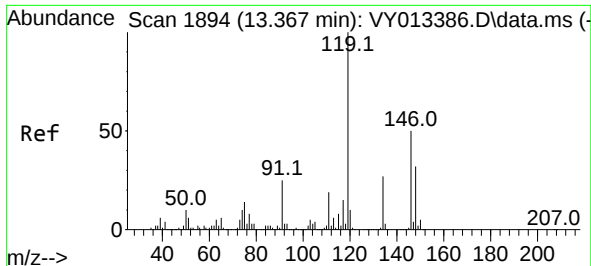
Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.2

91 25.8 12.1 36.3

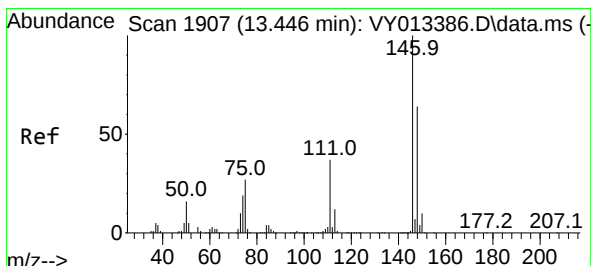
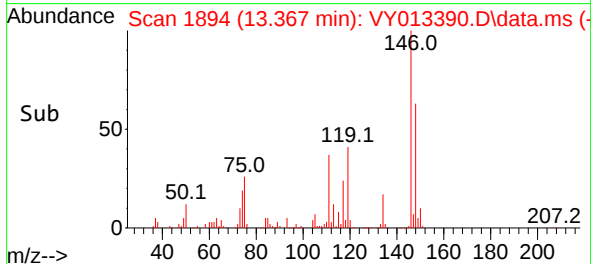
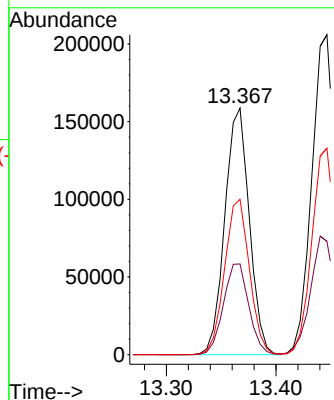
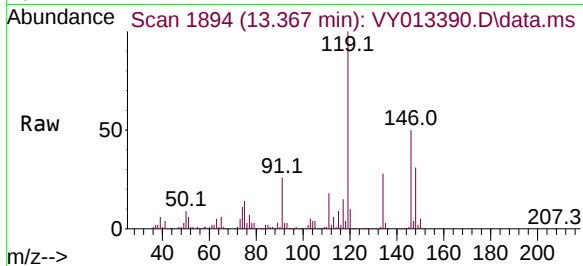




#87
1,3-Dichlorobenzene
Concen: 41.758 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

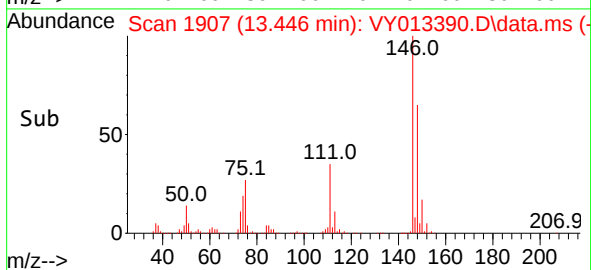
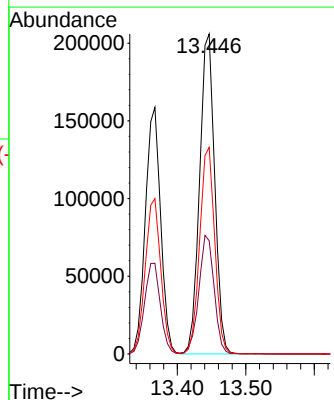
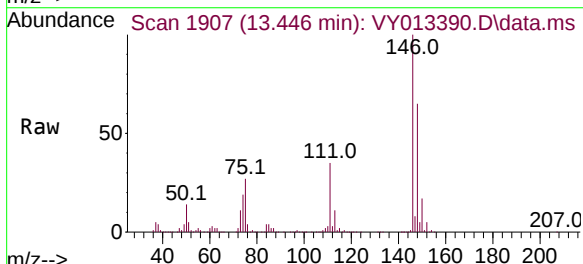
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

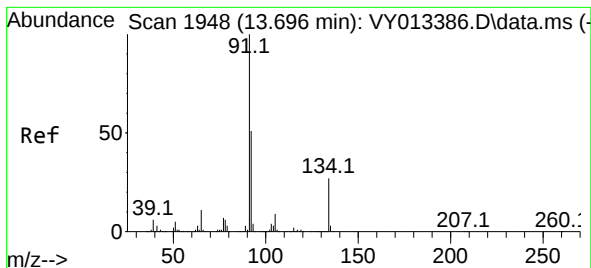
Tgt Ion:146 Resp: 246336
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 53.077 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion:146 Resp: 316640
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.5
148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 50.837 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

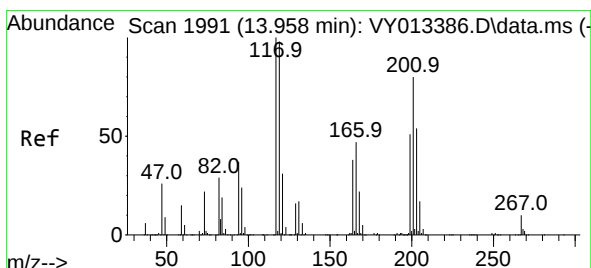
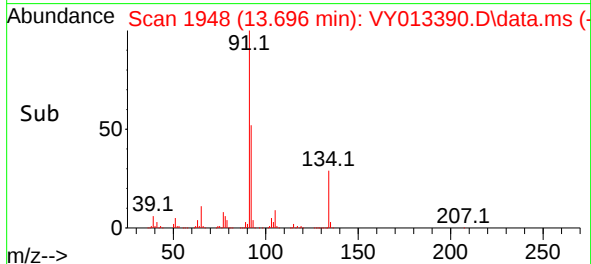
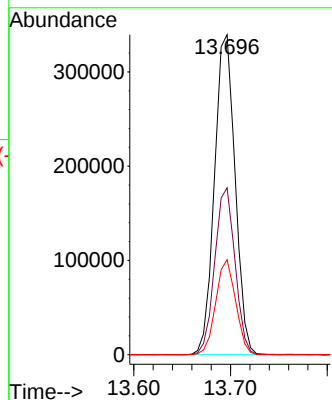
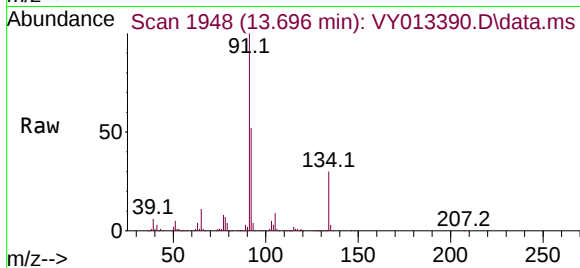
Tgt Ion: 91 Resp: 502289

Ion Ratio Lower Upper

91 100

92 51.4 25.8 77.3

134 28.7 13.5 40.4



#90

Hexachloroethane

Concen: 46.971 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013390.D

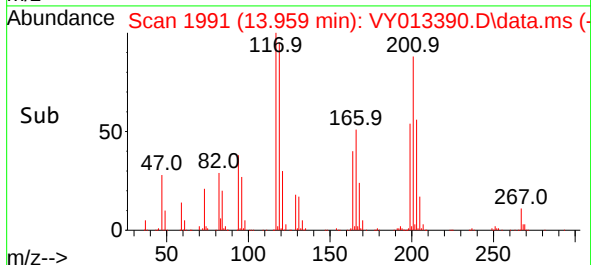
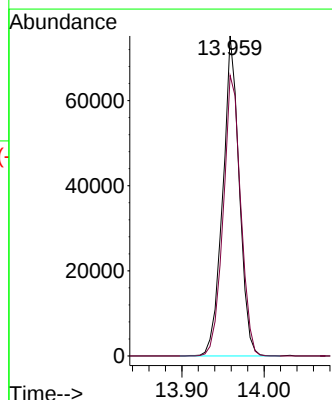
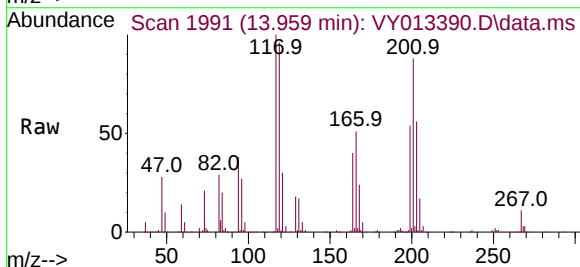
Acq: 21 Apr 2023 19:29

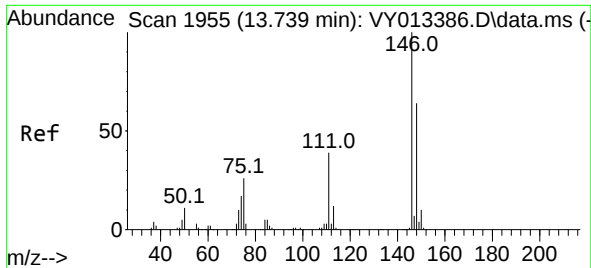
Tgt Ion: 117 Resp: 104734

Ion Ratio Lower Upper

117 100

201 92.7 41.6 124.8

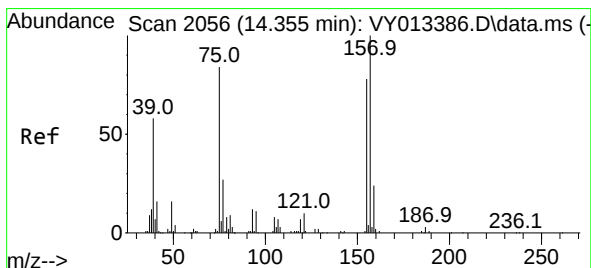
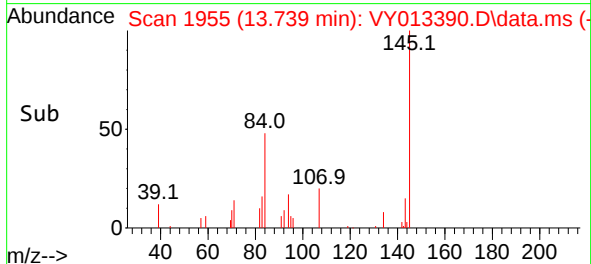
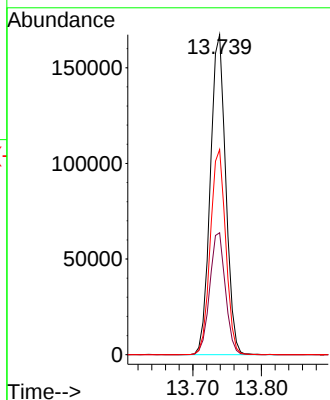
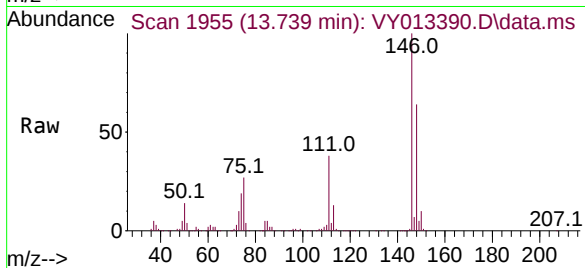




#91
1,2-Dichlorobenzene
Concen: 48.010 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

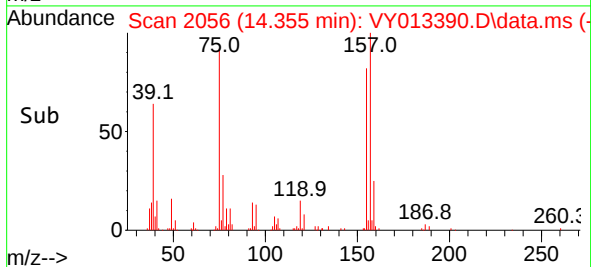
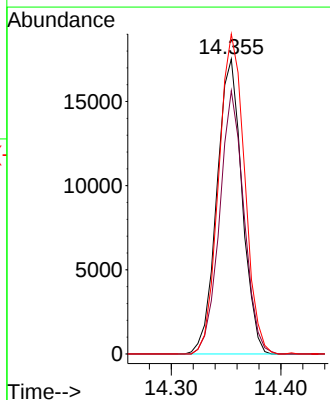
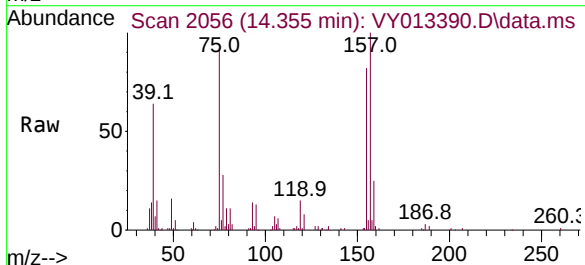
Instrument :
MSVOA_V
ClientSampleId :
ICVVY042123

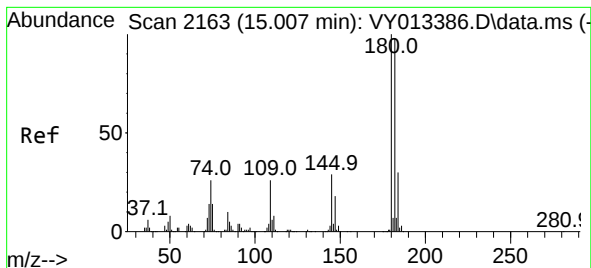
Tgt Ion:146 Resp: 261913
Ion Ratio Lower Upper
146 100
111 38.7 19.8 59.4
148 63.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.704 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013390.D
Acq: 21 Apr 2023 19:29

Tgt Ion: 75 Resp: 27967
Ion Ratio Lower Upper
75 100
155 86.0 44.6 134.0
157 111.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 61.221 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVVY042123

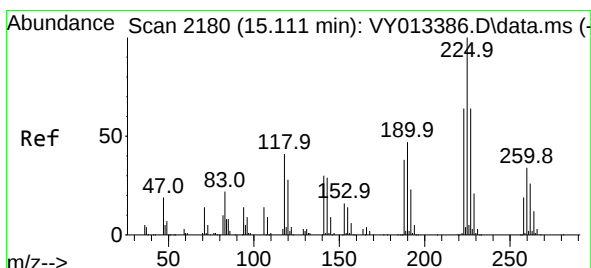
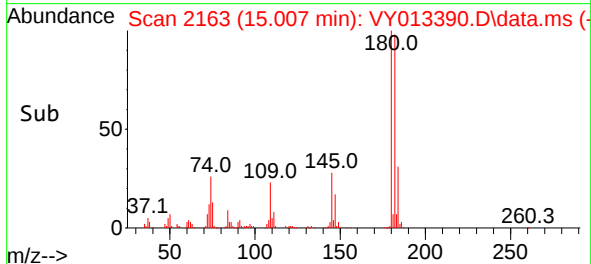
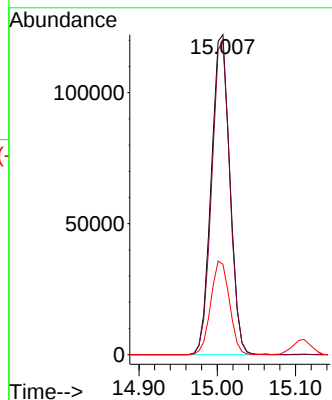
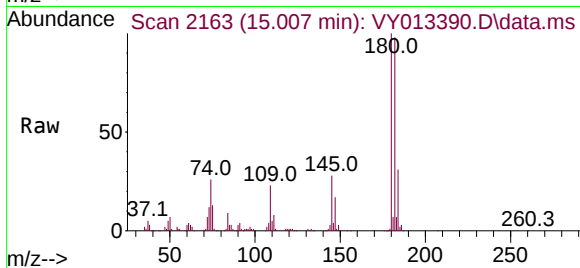
Tgt Ion:180 Resp: 201159

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 29.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 57.706 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

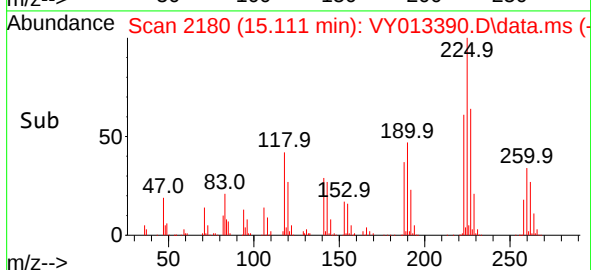
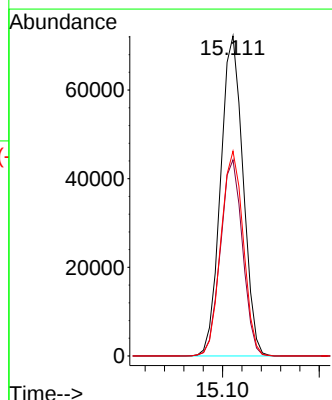
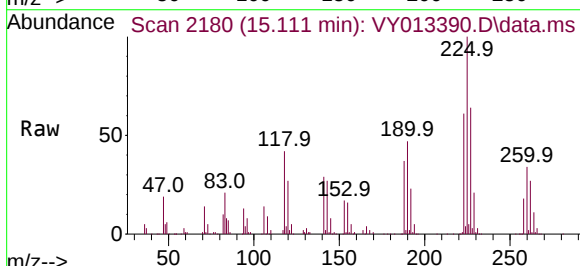
Tgt Ion:225 Resp: 116169

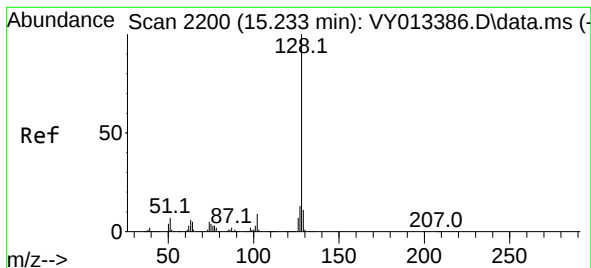
Ion Ratio Lower Upper

225 100

223 60.2 31.4 94.2

227 63.9 32.0 96.0





#95

Naphthalene

Concen: 50.923 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

ICVY042123

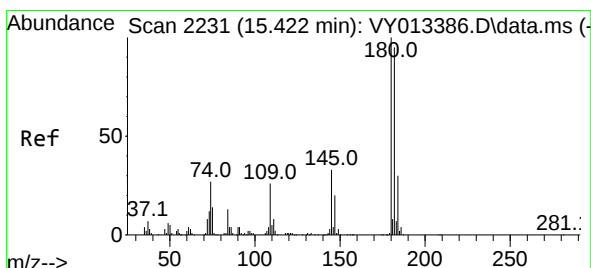
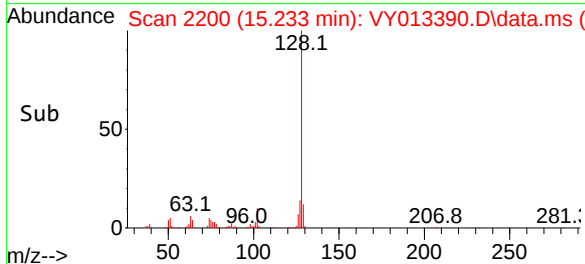
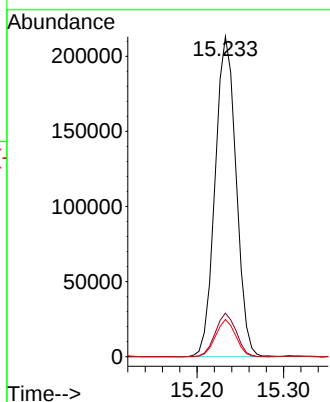
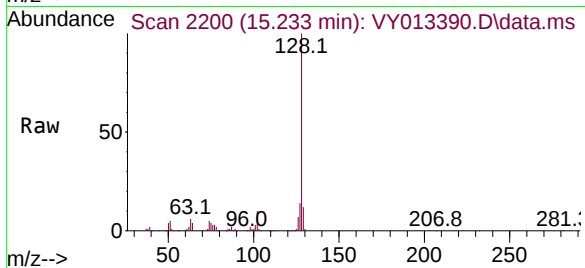
Tgt Ion:128 Resp: 358987

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.899 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013390.D

Acq: 21 Apr 2023 19:29

Tgt Ion:180 Resp: 149054

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 30.9 15.9 47.7

