

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013386.D
 Acq On : 21 Apr 2023 17:11
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 22 01:08:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:00:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	287988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	436393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143895	47.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.340%
35) Dibromofluoromethane	7.716	113	134293	49.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.179	98	470264	48.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.477	95	165854	50.989	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	146897	50.214	ug/l	100
3) Chloromethane	2.113	50	163487	50.843	ug/l	100
4) Vinyl Chloride	2.253	62	160414	52.898	ug/l	100
5) Bromomethane	2.656	94	100038	48.462	ug/l	100
6) Chloroethane	2.790	64	92474	50.675	ug/l	100
7) Trichlorofluoromethane	3.125	101	262430	51.296	ug/l	100
8) Diethyl Ether	3.527	74	92181	51.329	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	142358	48.677	ug/l	100
10) Methyl Iodide	4.088	142	206966	53.077	ug/l	100
11) Tert butyl alcohol	4.978	59	84442	246.363	ug/l	100
12) 1,1-Dichloroethene	3.869	96	143312	50.027	ug/l	100
13) Acrolein	3.729	56	68535	213.121	ug/l	100
14) Allyl chloride	4.478	41	234034	48.219	ug/l	100
15) Acrylonitrile	5.161	53	242417	242.859	ug/l	100
16) Acetone	3.948	43	408886	331.324	ug/l	100
17) Carbon Disulfide	4.192	76	457920	49.268	ug/l	100
18) Methyl Acetate	4.478	43	176772	46.855	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	418521	51.783	ug/l	100
20) Methylene Chloride	4.716	84	176595	50.183	ug/l	100
21) trans-1,2-Dichloroethene	5.216	96	156218	48.833	ug/l	100
22) Diisopropyl ether	6.118	45	454283	49.828	ug/l	100
23) Vinyl Acetate	6.057	43	1467841	252.082	ug/l	100
24) 1,1-Dichloroethane	6.015	63	267571	48.374	ug/l	100
25) 2-Butanone	6.984	43	426505	299.395	ug/l	100
26) 2,2-Dichloropropane	6.978	77	244019	51.506	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	174401	51.547	ug/l	100
28) Bromochloromethane	7.332	49	87304	47.347	ug/l	100
29) Tetrahydrofuran	7.344	42	218572	259.113	ug/l	100
30) Chloroform	7.502	83	292545	51.159	ug/l	100
31) Cyclohexane	7.783	56	226921	47.408	ug/l	100
32) 1,1,1-Trichloroethane	7.697	97	258083	50.939	ug/l	100
36) 1,1-Dichloropropene	7.917	75	213899	51.559	ug/l	100
37) Ethyl Acetate	7.069	43	152349	49.031	ug/l	100
38) Carbon Tetrachloride	7.899	117	241556	50.301	ug/l	100
39) Methylcyclohexane	9.179	83	254643	53.446	ug/l	100
40) Benzene	8.161	78	612998	50.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	75517	50.167	ug/l	100
42) 1,2-Dichloroethane	8.234	62	202363	51.131	ug/l	100
43) Isopropyl Acetate	8.270	43	260725	52.702	ug/l	100
44) Trichloroethene	8.935	130	174522	51.820	ug/l	100
45) 1,2-Dichloropropane	9.215	63	150103	51.488	ug/l	100
46) Dibromomethane	9.307	93	99248	50.858	ug/l	100
47) Bromodichloromethane	9.496	83	222863	50.990	ug/l	100
48) Methyl methacrylate	9.289	41	122402	52.728	ug/l	100
49) 1,4-Dioxane	9.307	88	31793	1077.749	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	740643	263.808	ug/l	100
52) Toluene	10.240	92	391564	51.945	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	242618	52.714	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	262309	52.573	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	138054	51.998	ug/l	100
56) Ethyl methacrylate	10.508	69	196730	55.803	ug/l	100
57) 1,3-Dichloropropane	10.788	76	220549	51.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	317492	241.229	ug/l	100
59) 2-Hexanone	10.831	43	638487	299.737	ug/l	100
60) Dibromochloromethane	10.983	129	174652	52.465	ug/l	100
61) 1,2-Dibromoethane	11.087	107	138180	52.649	ug/l	100
64) Tetrachloroethene	10.715	164	151142	51.671	ug/l	100
65) Chlorobenzene	11.514	112	427537	52.040	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	164164	52.651	ug/l	100
67) Ethyl Benzene	11.593	91	743958	53.402	ug/l	100
68) m/p-Xylenes	11.703	106	584153	107.606	ug/l	100
69) o-Xylene	12.026	106	279492	55.083	ug/l	100
70) Styrene	12.044	104	467897	55.135	ug/l	100
71) Bromoform	12.209	173	122120	52.975	ug/l	100
73) Isopropylbenzene	12.331	105	717886	52.631	ug/l	100
74) N-amyl acetate	12.142	43	232321	54.670	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	172984	51.928	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	223674	95.511	ug/l #	100
77) Bromobenzene	12.611	156	186233	51.927	ug/l	100
78) n-propylbenzene	12.672	91	874237	52.703	ug/l	100
79) 2-Chlorotoluene	12.757	91	497423	52.689	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	611336	53.514	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	62780	52.911	ug/l	100
82) 4-Chlorotoluene	12.855	91	520367	52.893	ug/l	100
83) tert-Butylbenzene	13.074	119	529294	53.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	612622	54.660	ug/l	100
85) sec-Butylbenzene	13.251	105	776892	53.192	ug/l	100
86) p-Isopropyltoluene	13.367	119	651771	53.430	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	352230	51.719	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	357438	51.898	ug/l	100
89) n-Butylbenzene	13.696	91	608754	53.368	ug/l	100
90) Hexachloroethane	13.958	117	129718	50.391	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	324341	51.499	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32711	53.396	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	205191	54.092	ug/l	100
94) Hexachlorobutadiene	15.111	225	116859	50.281	ug/l	100
95) Naphthalene	15.233	128	468238	57.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	188199	53.479	ug/l	100

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Response via : Initial Calibration

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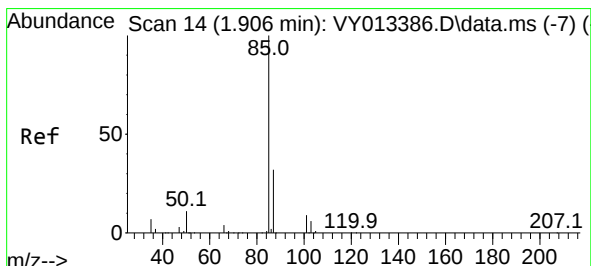
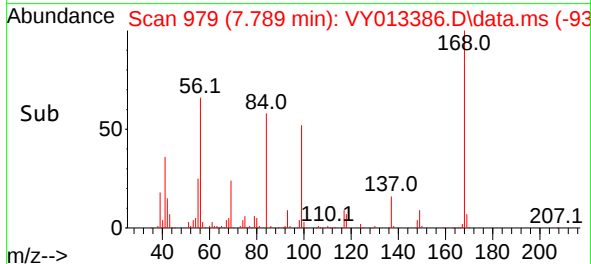
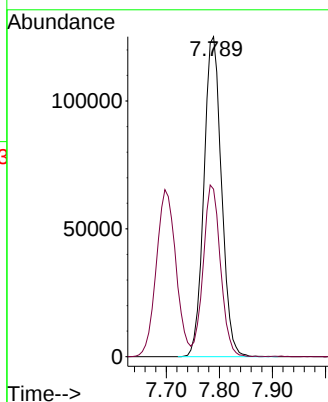
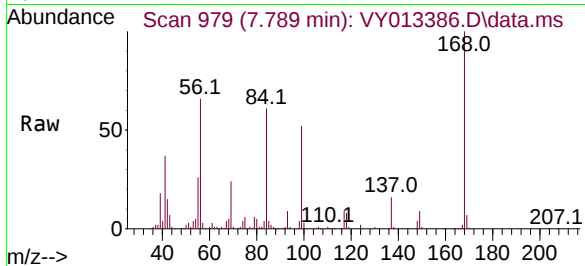
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013386.D
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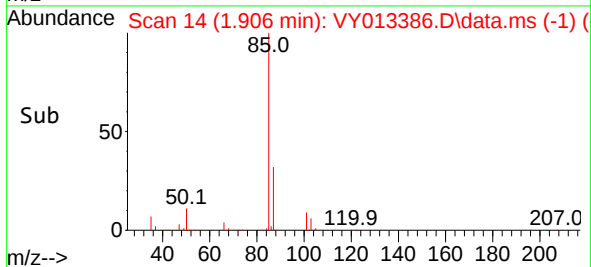
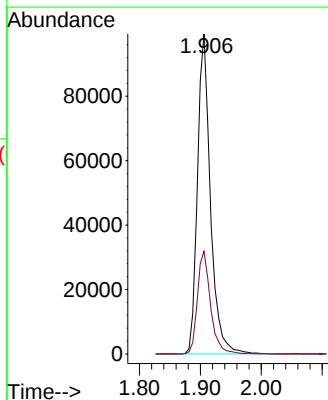
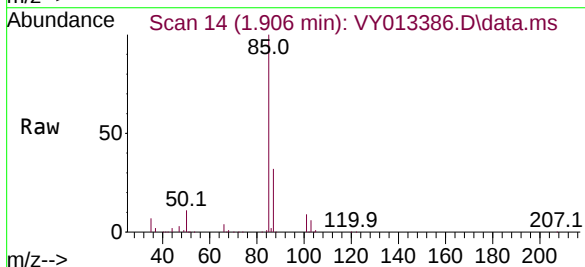
Instrument :
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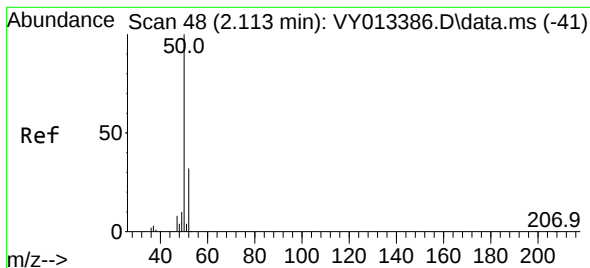
Tgt Ion:168 Resp: 287988
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 50.214 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 85 Resp: 146897
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3

Chloromethane

Concen: 50.843 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

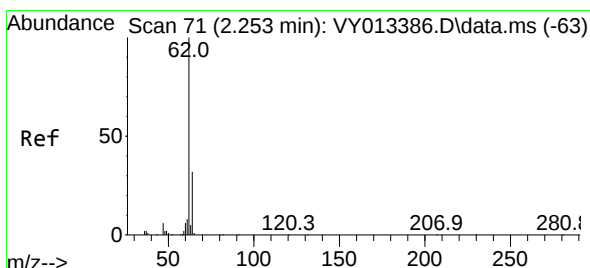
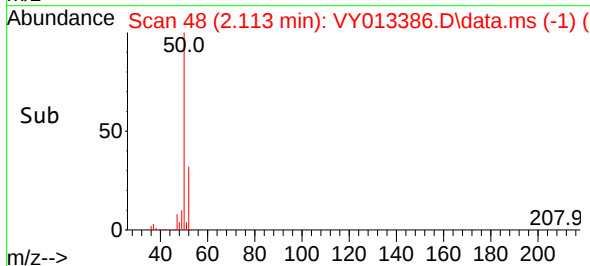
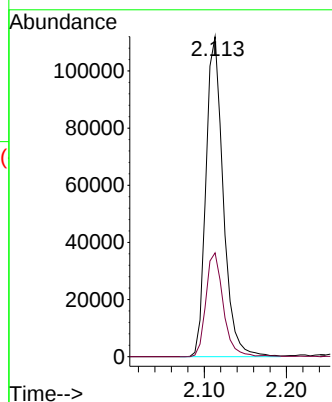
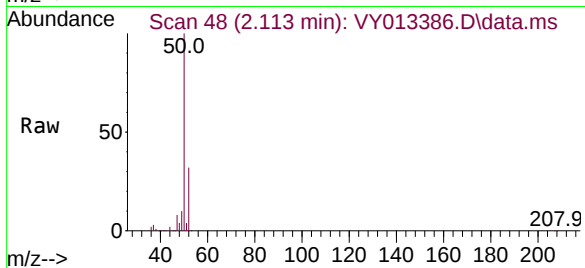
VSTDICCC050

Tgt Ion: 50 Resp: 163487

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 52.898 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013386.D

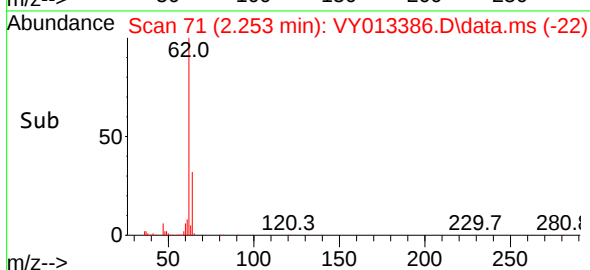
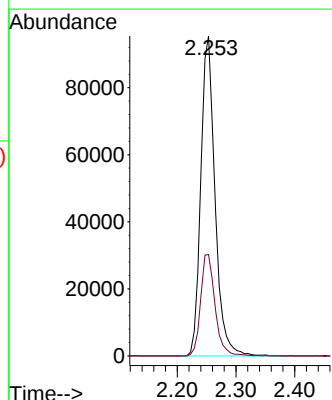
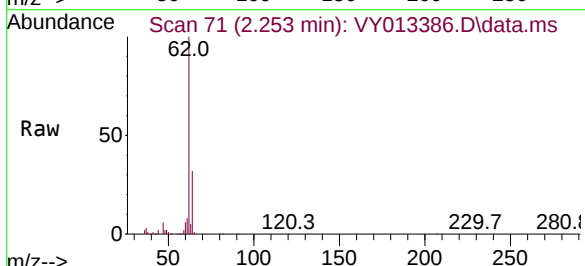
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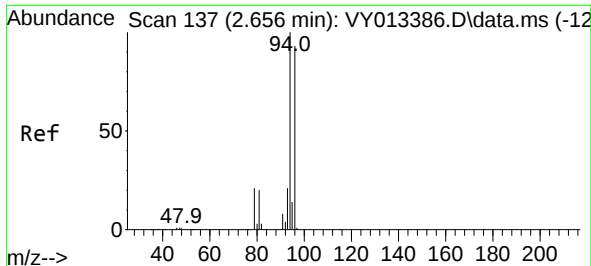
Tgt Ion: 62 Resp: 160414

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0

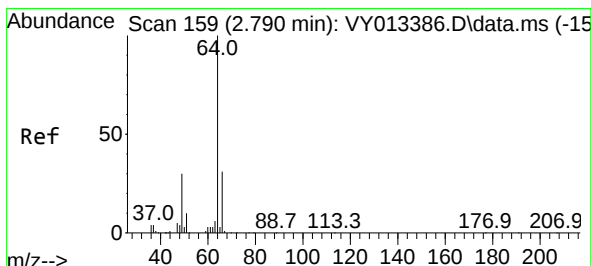
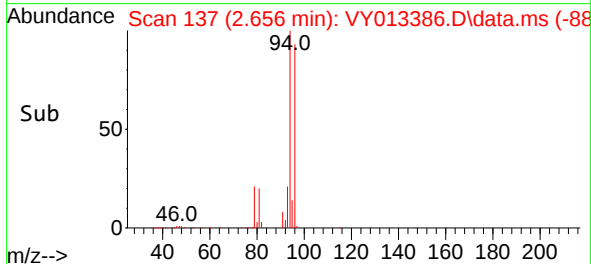
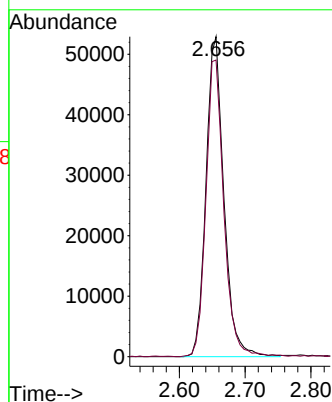
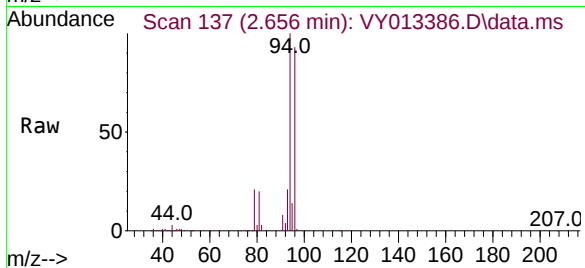




#5
Bromomethane
Concen: 48.462 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
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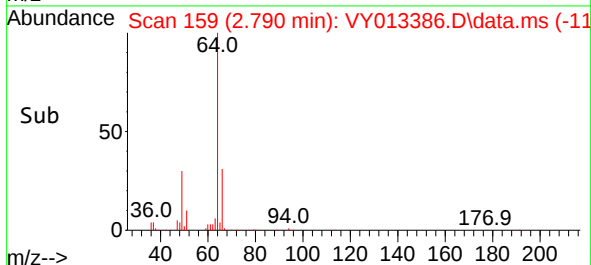
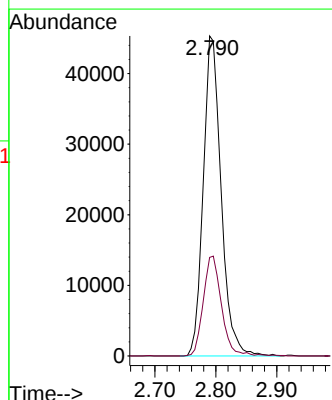
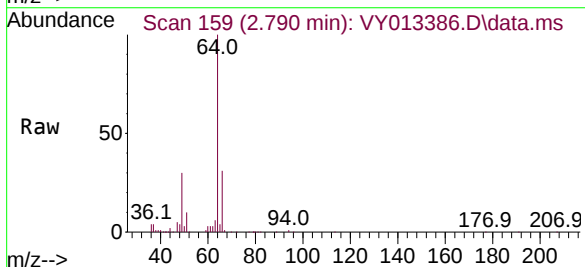
Instrument :
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Tgt Ion: 94 Resp: 100038
Ion Ratio Lower Upper
94 100
96 92.7 74.2 111.2



#6
Chloroethane
Concen: 50.675 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 64 Resp: 92474
Ion Ratio Lower Upper
64 100
66 30.8 24.6 37.0

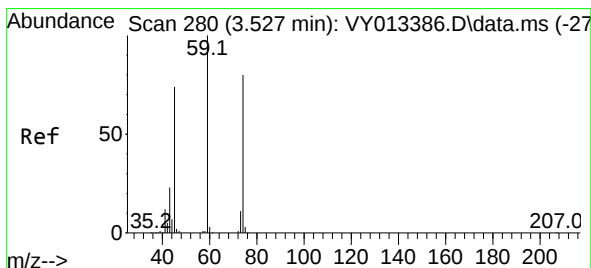
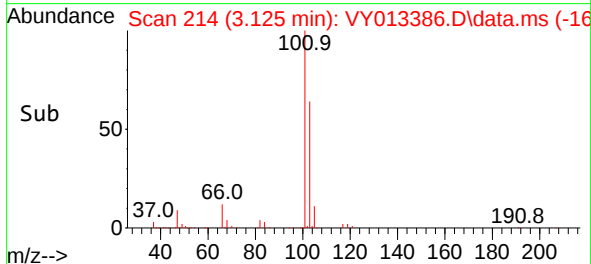
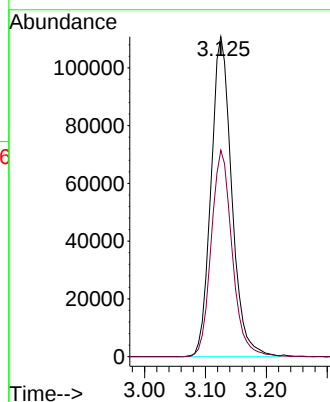
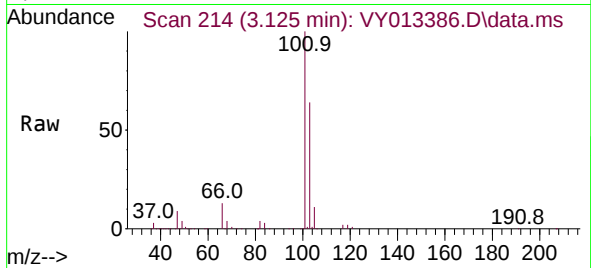




#7
 Trichlorofluoromethane
 Concen: 51.296 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013386.D
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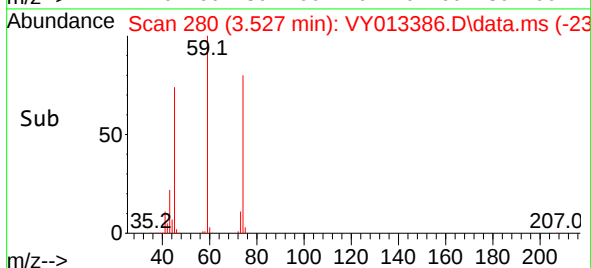
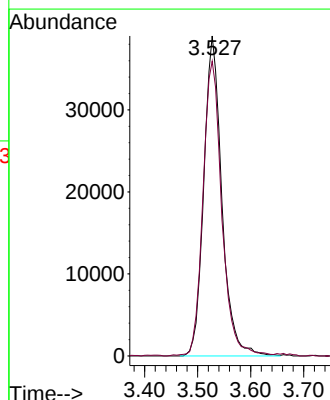
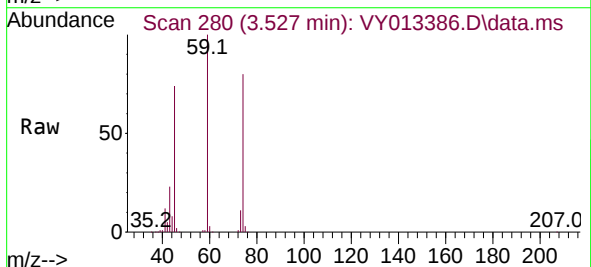
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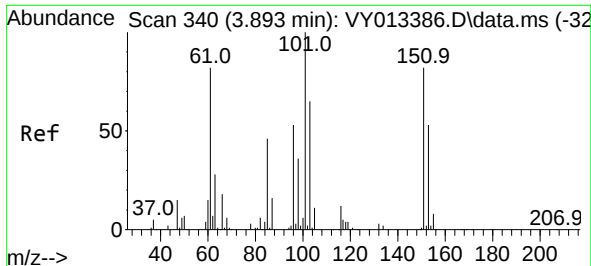
Tgt Ion:101 Resp: 262430
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#8
 Diethyl Ether
 Concen: 51.329 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

Tgt Ion: 74 Resp: 92181
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.2 144.6

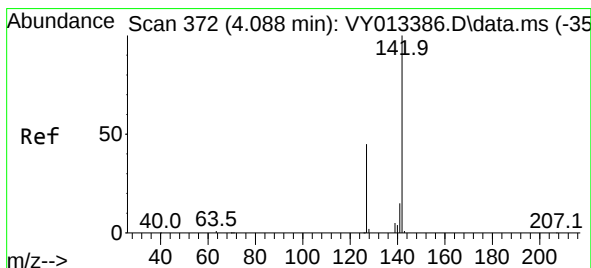
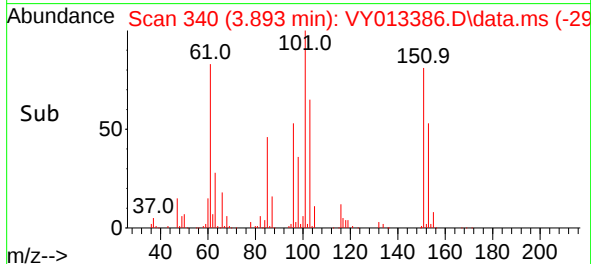
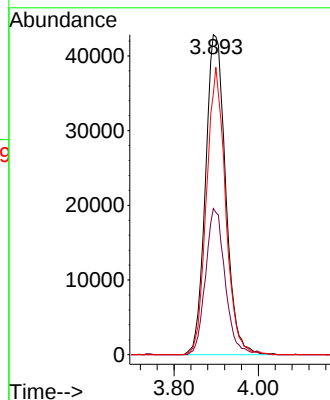
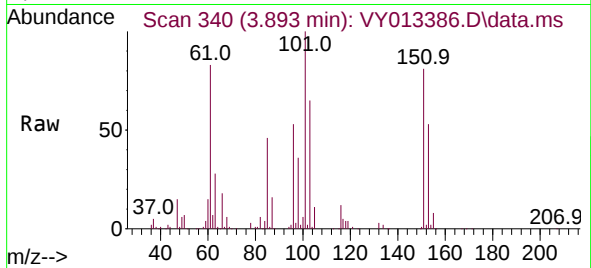




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.677 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013386.D
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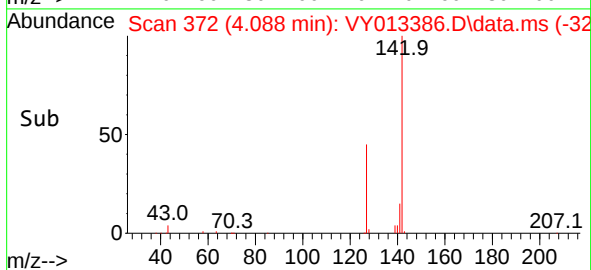
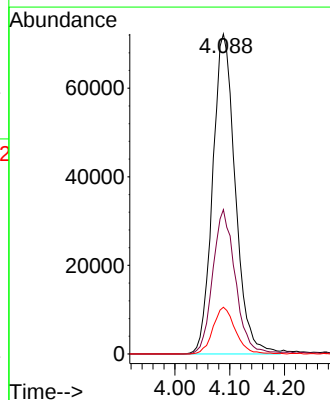
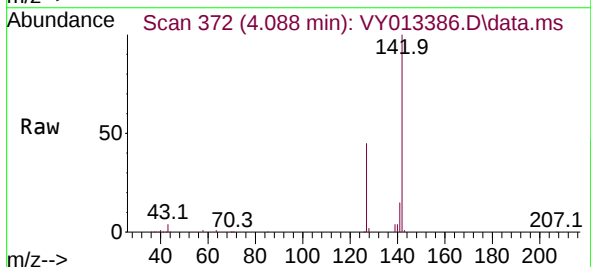
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Tgt Ion:101 Resp: 142358
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 85.0 68.0 102.0



#10
Methyl Iodide
Concen: 53.077 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion:142 Resp: 206966
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 14.5 11.6 17.4

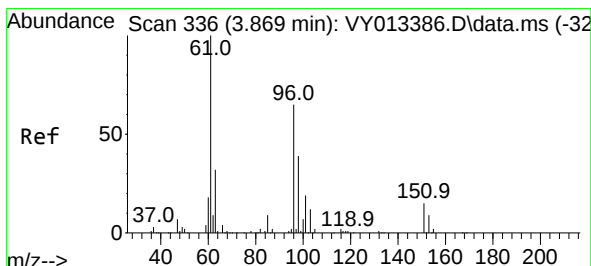
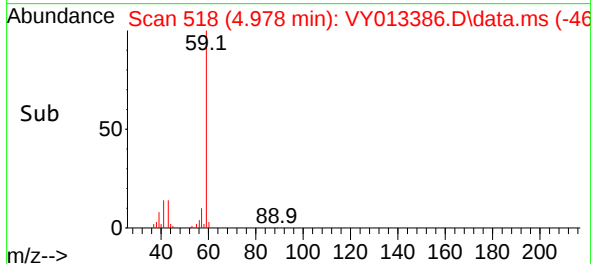
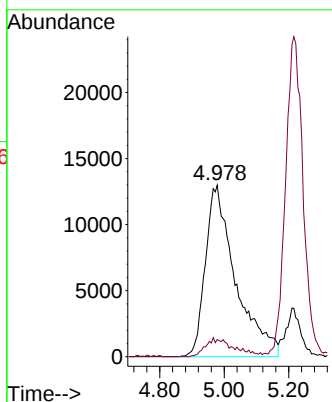
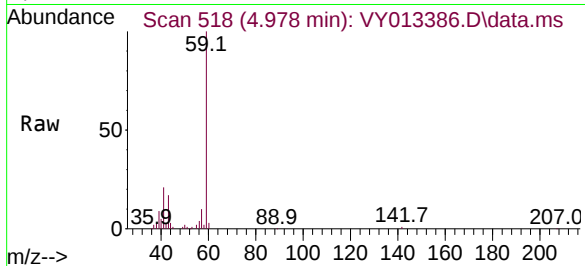




#11
Tert butyl alcohol
Concen: 246.363 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

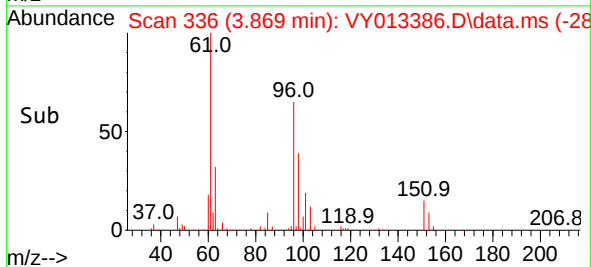
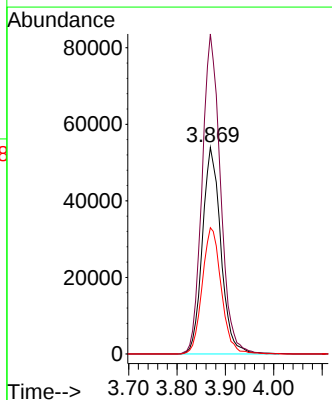
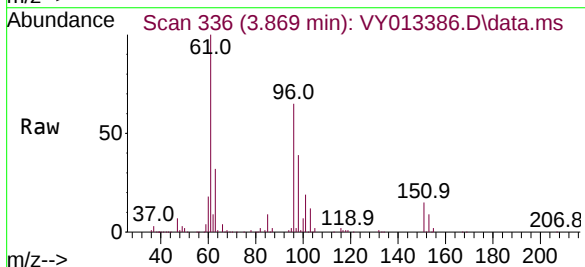
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

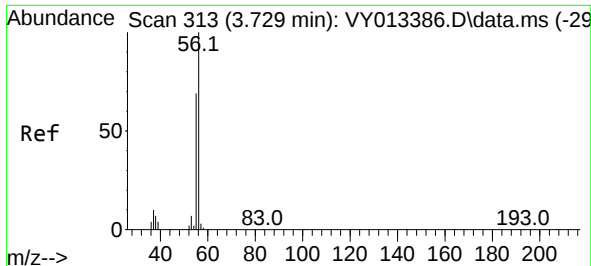
Tgt Ion: 59 Resp: 84442
Ion Ratio Lower Upper
59 100
57 3.7 3.0 4.4



#12
1,1-Dichloroethene
Concen: 50.027 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 96 Resp: 143312
Ion Ratio Lower Upper
96 100
61 154.9 123.9 185.9
98 61.1 48.9 73.3

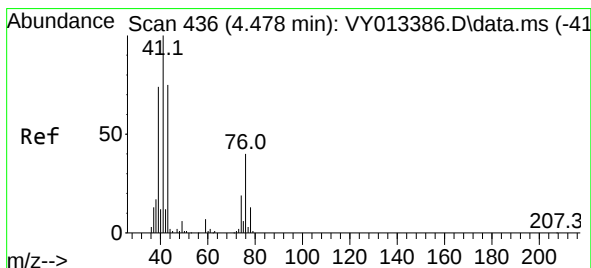
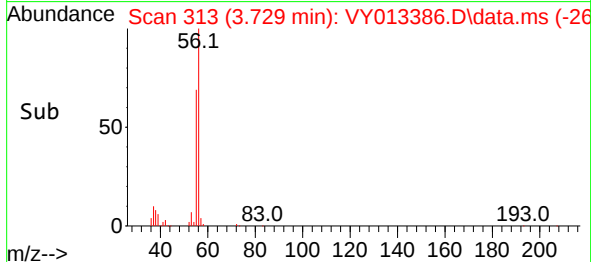
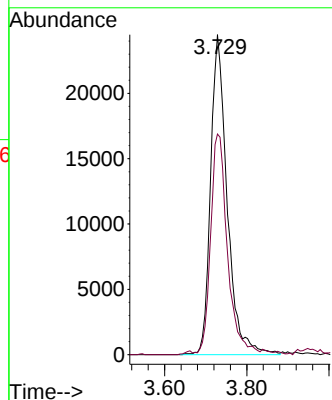
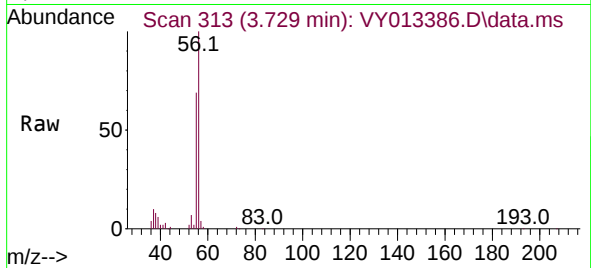




#13
Acrolein
Concen: 213.121 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

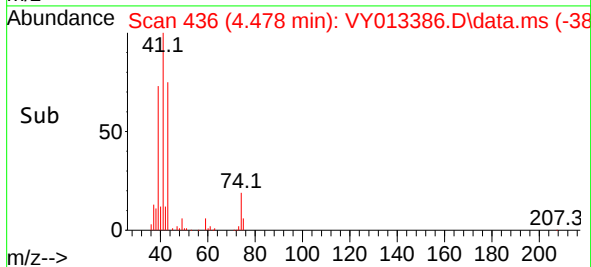
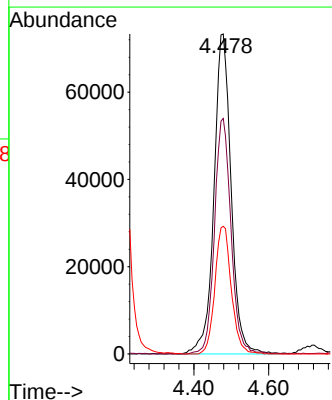
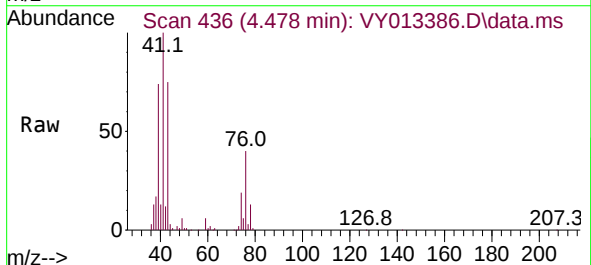
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

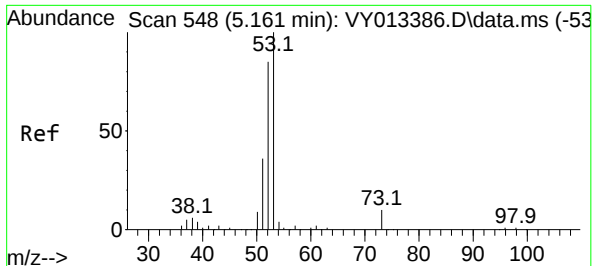
Tgt Ion: 56 Resp: 68535
Ion Ratio Lower Upper
56 100
55 67.6 54.1 81.1



#14
Allyl chloride
Concen: 48.219 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 41 Resp: 234034
Ion Ratio Lower Upper
41 100
39 70.8 56.6 85.0
76 38.1 30.5 45.7

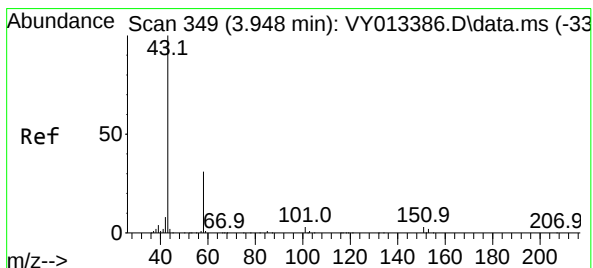
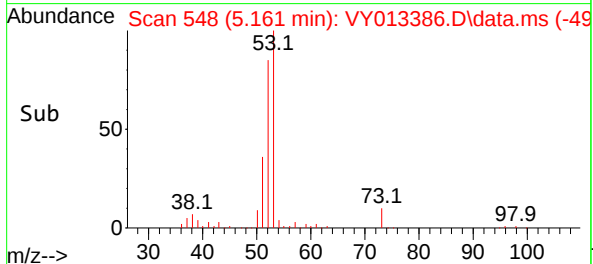
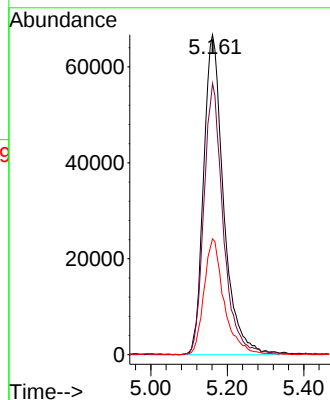
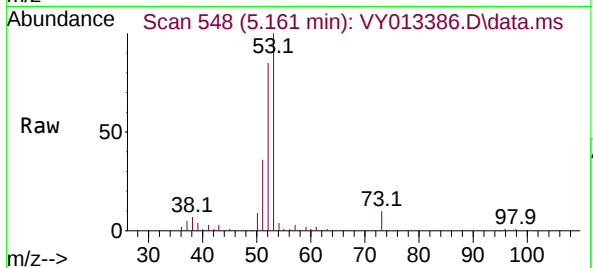




#15
Acrylonitrile
Concen: 242.859 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

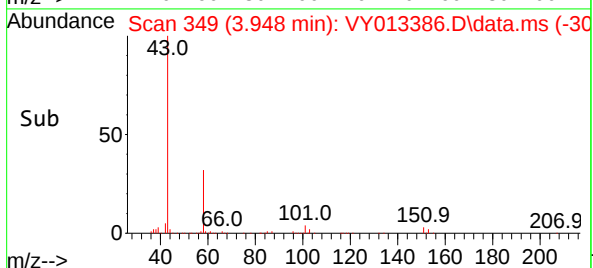
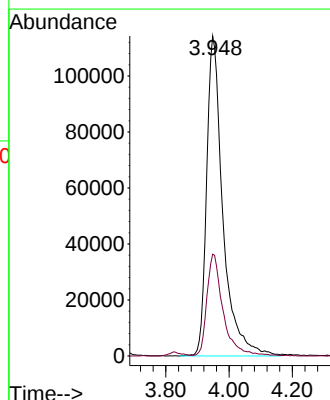
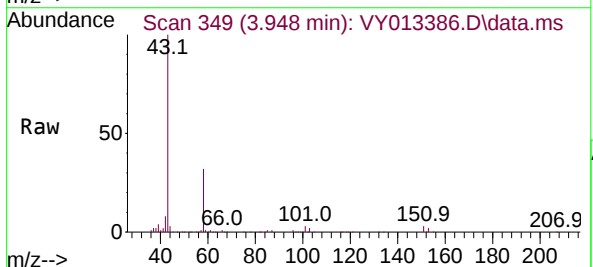
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

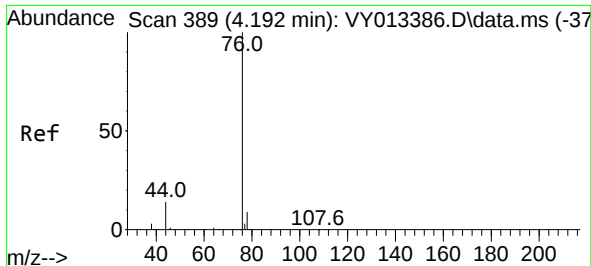
Tgt Ion: 53 Resp: 242417
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.0
51 36.6 29.3 43.9



#16
Acetone
Concen: 331.324 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 43 Resp: 408886
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0

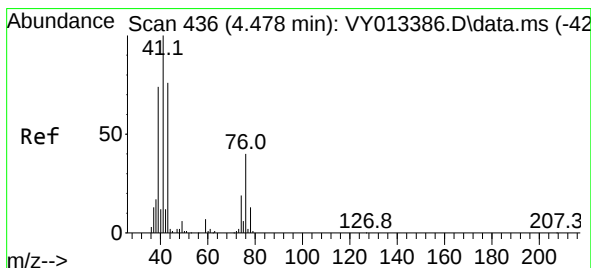
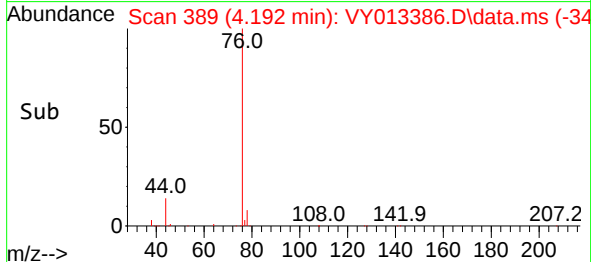
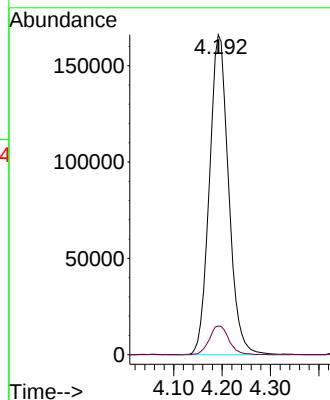
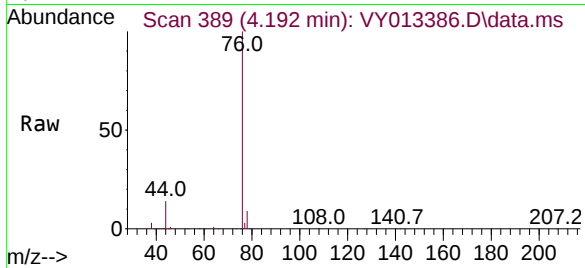




#17
Carbon Disulfide
Concen: 49.268 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

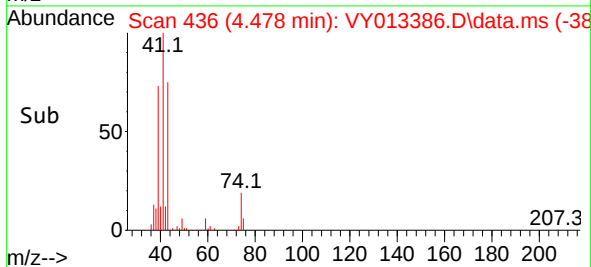
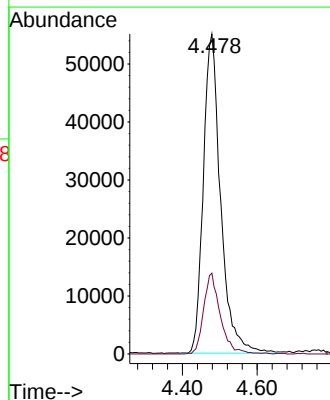
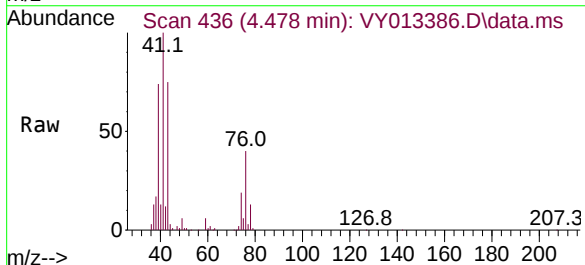
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

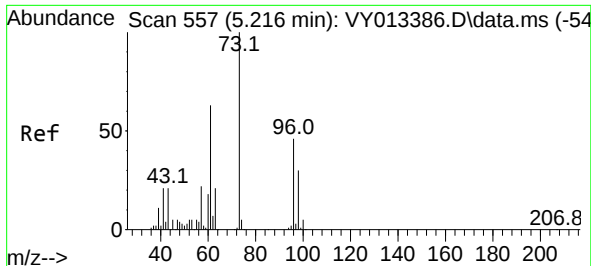
Tgt Ion: 76 Resp: 457920
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 46.855 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 43 Resp: 176772
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2

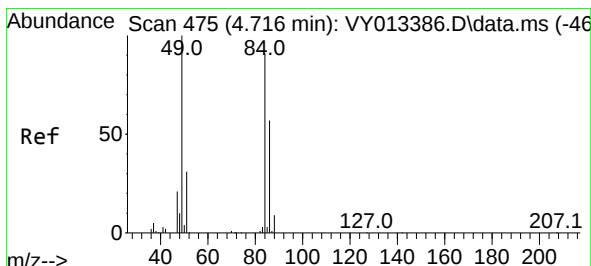
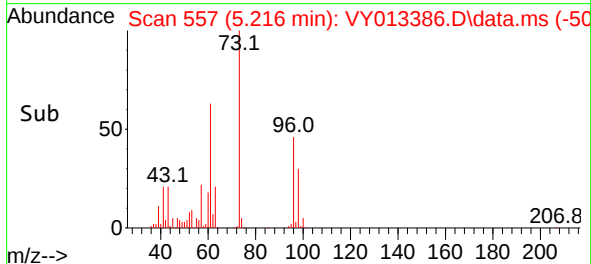
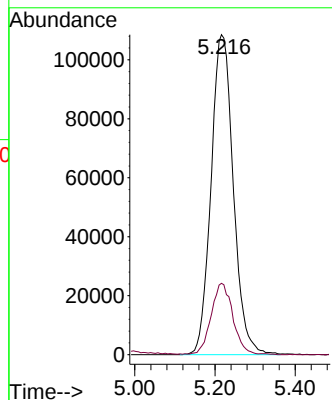
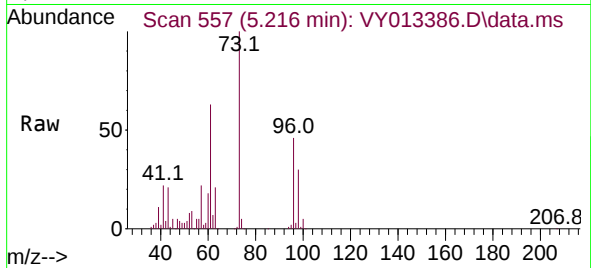




#19
Methyl tert-butyl Ether
Concen: 51.783 ug/l
RT: 5.216 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

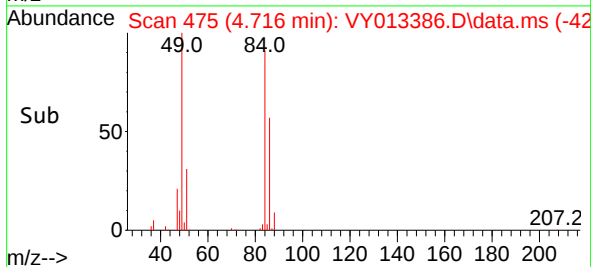
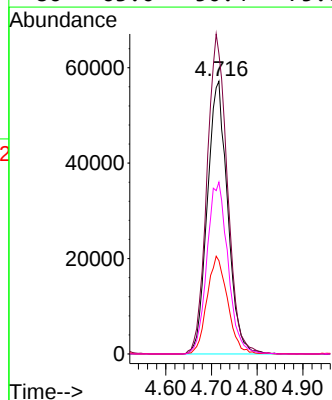
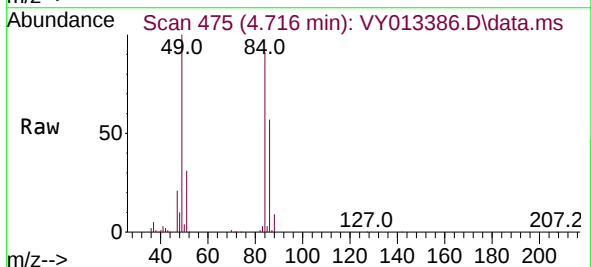
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

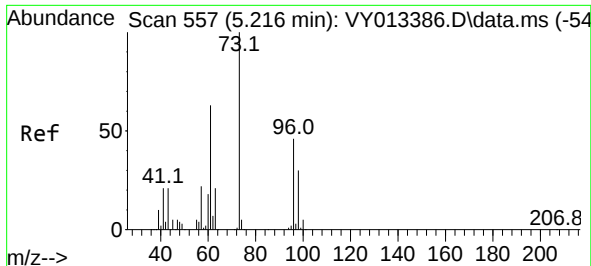
Tgt Ion: 73 Resp: 418521
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 50.183 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 84 Resp: 176595
Ion Ratio Lower Upper
84 100
49 110.0 88.0 132.0
51 34.2 27.4 41.0
86 63.0 50.4 75.6

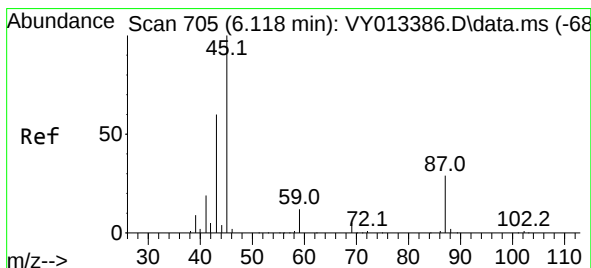
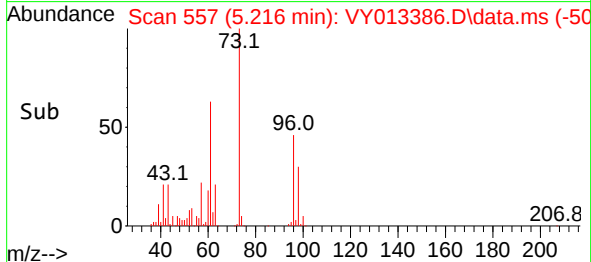
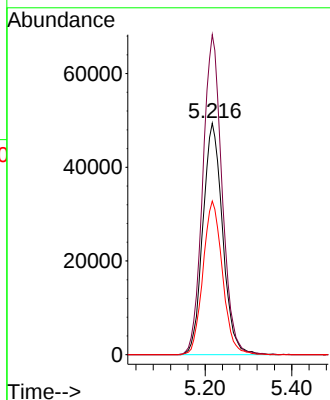
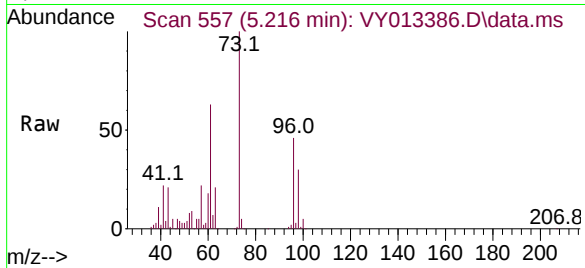




#21
trans-1,2-Dichloroethene
Concen: 48.833 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

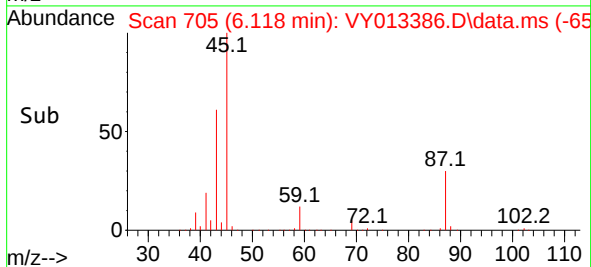
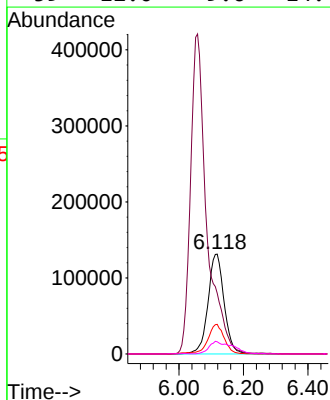
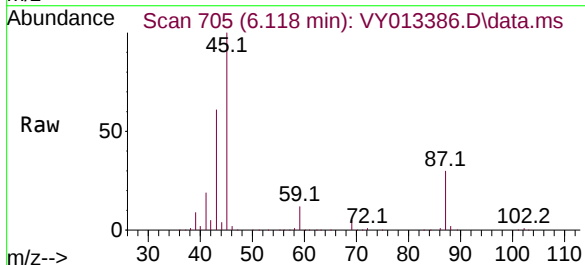
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 156218
Ion Ratio Lower Upper
96 100
61 138.2 110.6 165.8
98 66.4 53.1 79.7



#22
Diisopropyl ether
Concen: 49.828 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 45 Resp: 454283
Ion Ratio Lower Upper
45 100
43 60.5 48.4 72.6
87 29.7 23.8 35.6
59 12.0 9.6 14.4

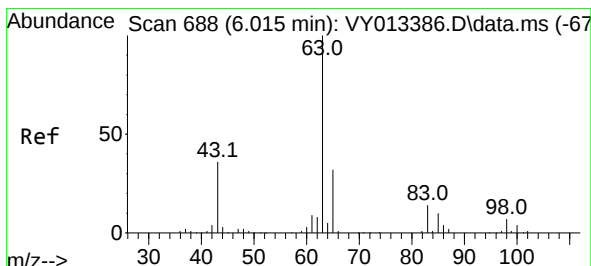
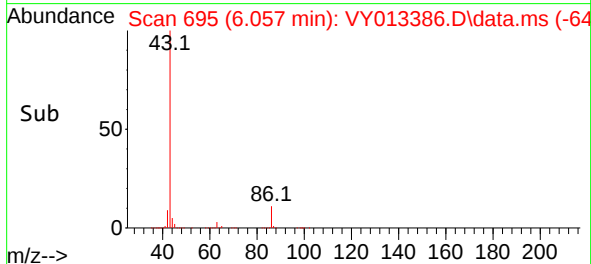
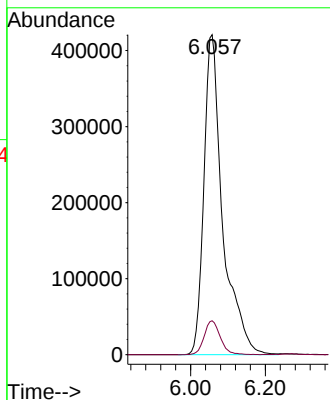
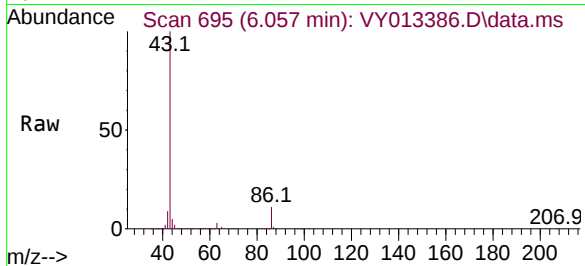




#23
 Vinyl Acetate
 Concen: 252.082 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

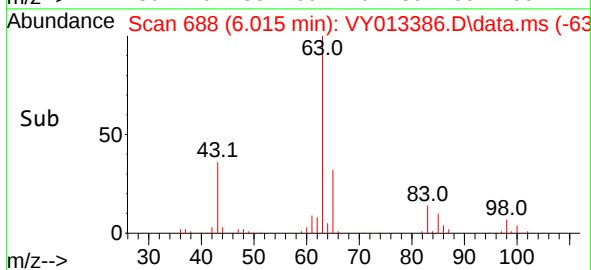
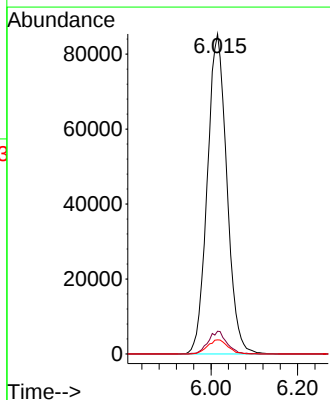
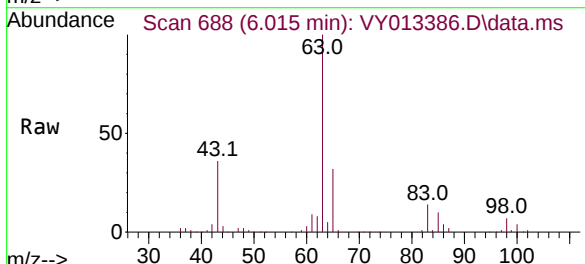
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

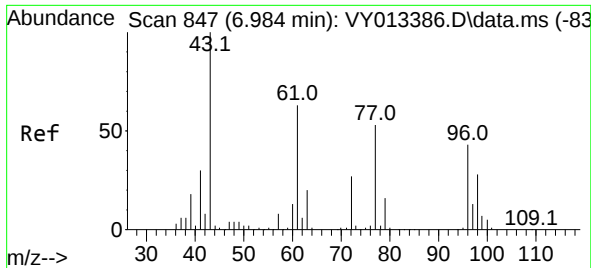
Tgt Ion: 43 Resp: 1467841
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.374 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

Tgt Ion: 63 Resp: 267571
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 299.395 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

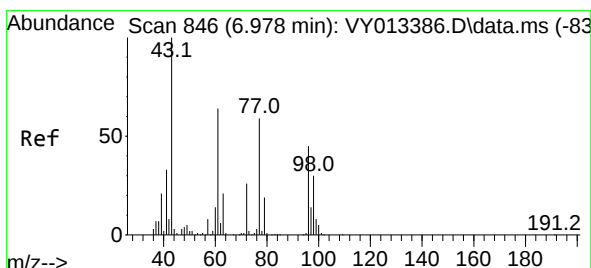
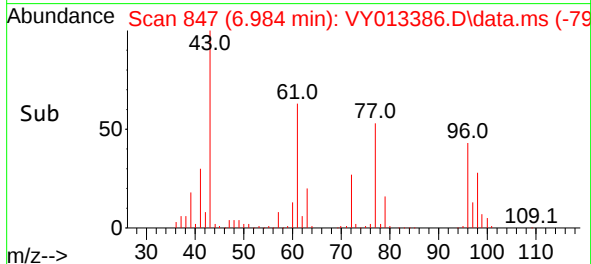
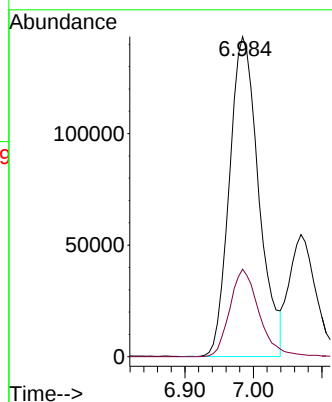
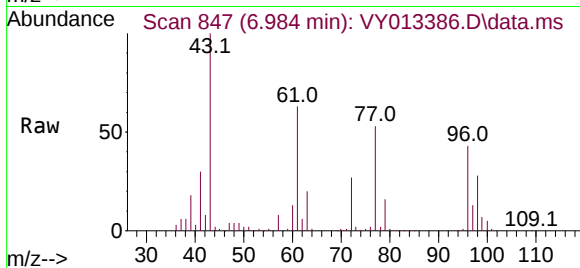
VSTDICCC050

Tgt Ion: 43 Resp: 426505

Ion Ratio Lower Upper

43 100

72 27.4 21.9 32.9



#26

2,2-Dichloropropane

Concen: 51.506 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013386.D

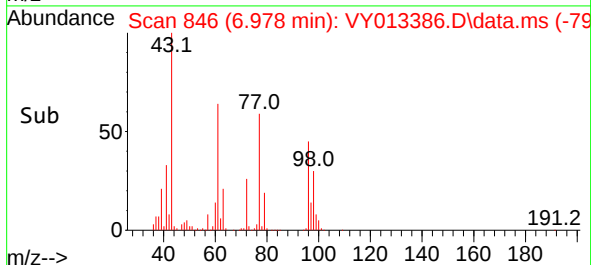
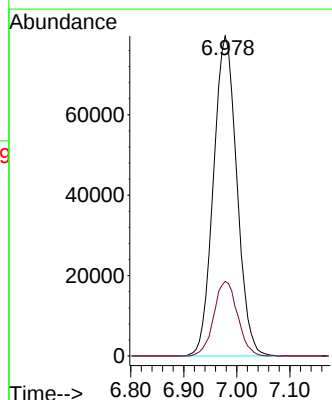
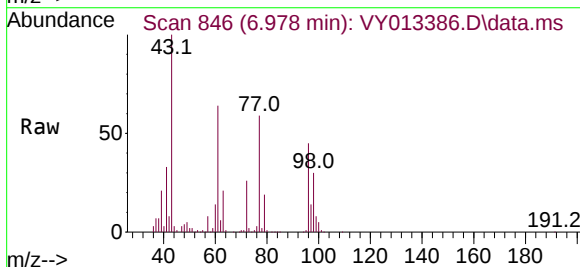
Acq: 21 Apr 2023 17:11

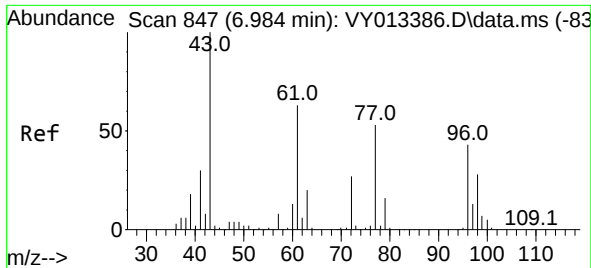
Tgt Ion: 77 Resp: 244019

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4

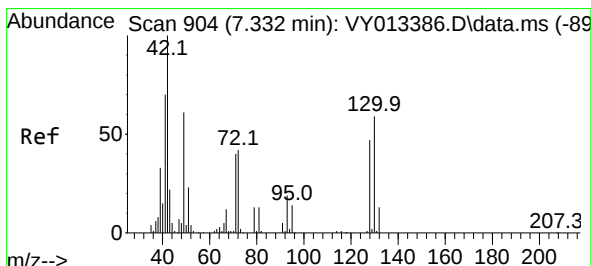
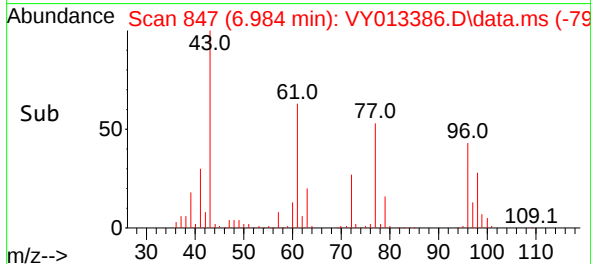
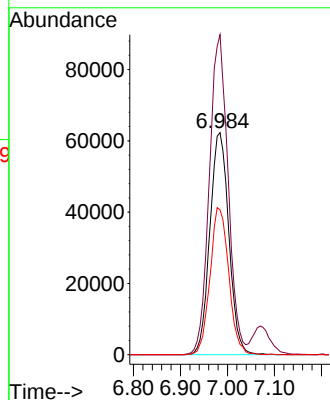
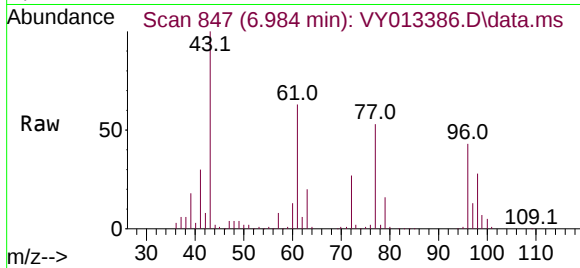




#27
 cis-1,2-Dichloroethene
 Concen: 51.547 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

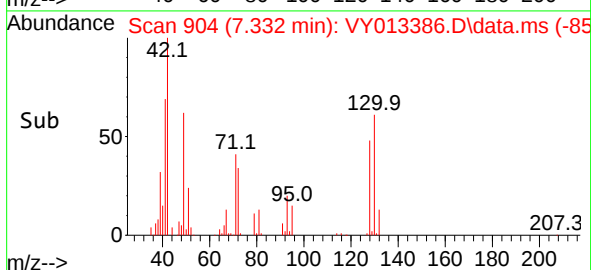
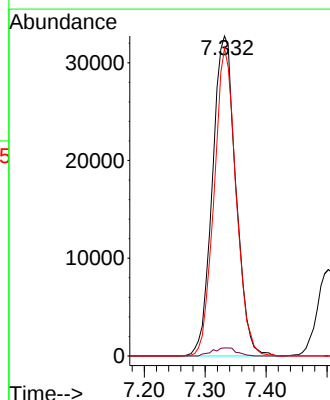
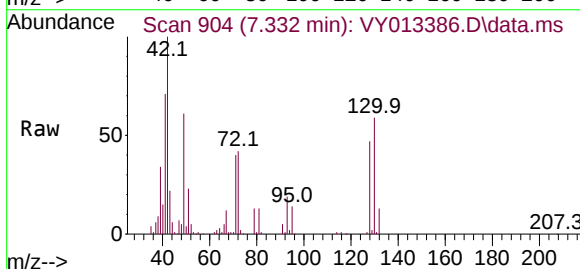
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 174401
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 285.0
 98 65.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 47.347 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

Tgt Ion: 49 Resp: 87304
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 90.1 72.1 108.1





#29

Tetrahydrofuran

Concen: 259.113 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

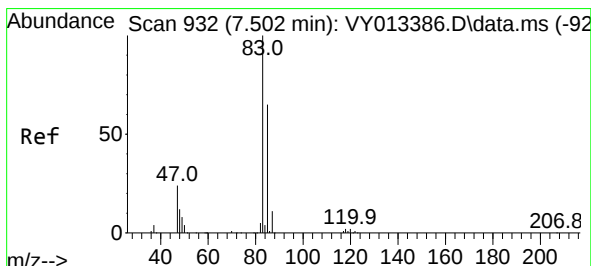
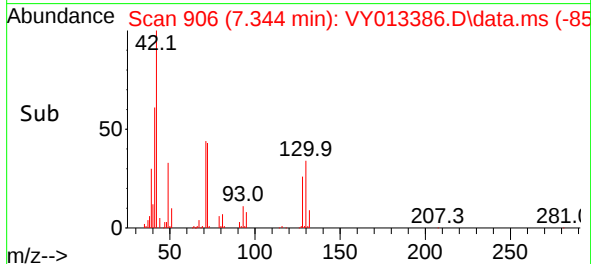
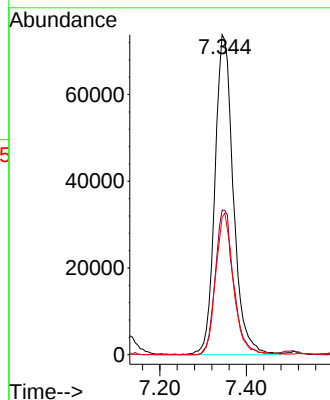
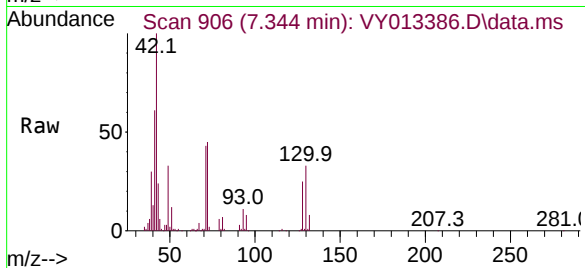
Tgt Ion: 42 Resp: 218572

Ion Ratio Lower Upper

42 100

72 44.9 35.9 53.9

71 42.9 34.3 51.5



#30

Chloroform

Concen: 51.159 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013386.D

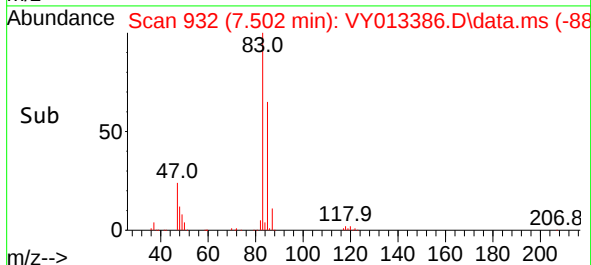
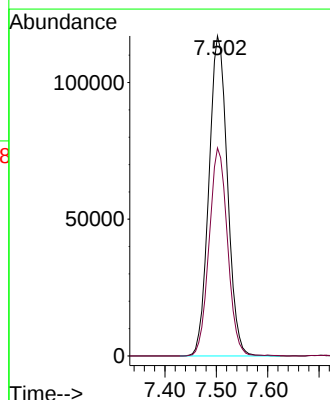
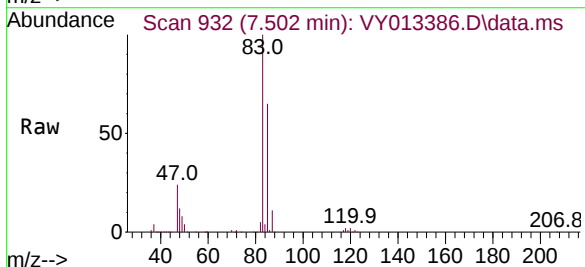
Acq: 21 Apr 2023 17:11

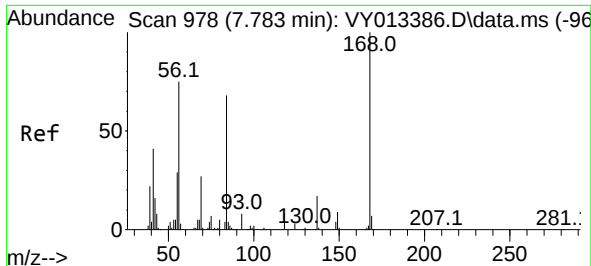
Tgt Ion: 83 Resp: 292545

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

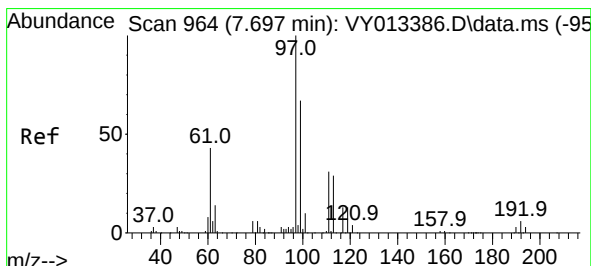
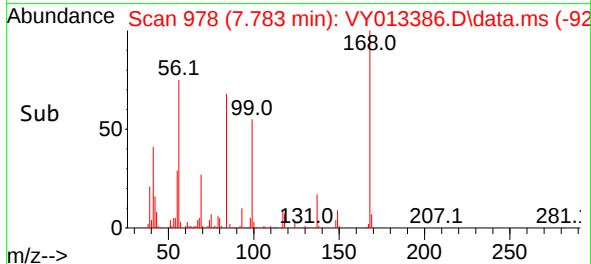
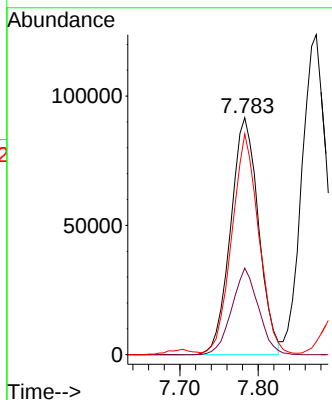
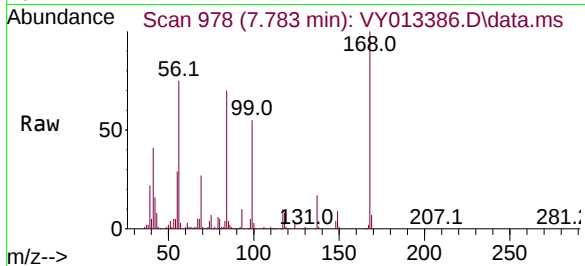




#31
Cyclohexane
Concen: 47.408 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

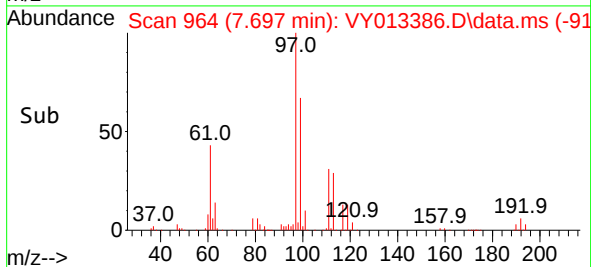
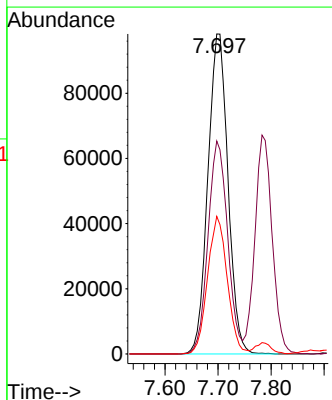
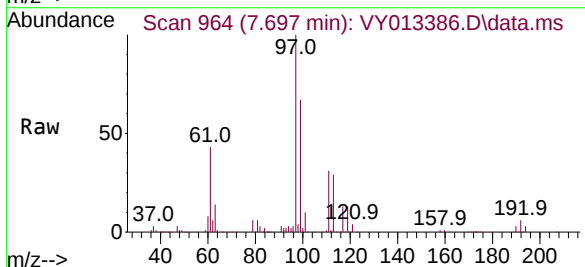
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

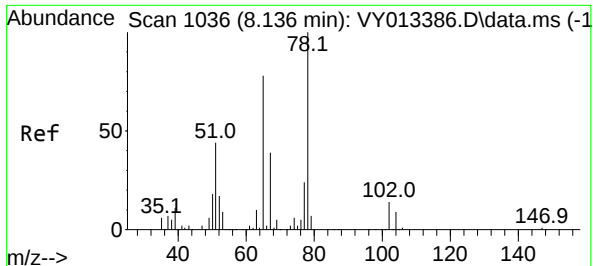
Tgt Ion: 56 Resp: 226921
Ion Ratio Lower Upper
56 100
69 36.5 29.2 43.8
84 91.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.939 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 97 Resp: 258083
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 42.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.670 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

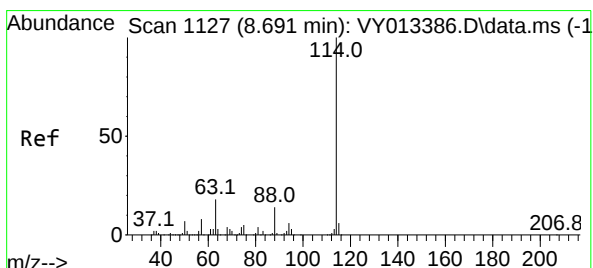
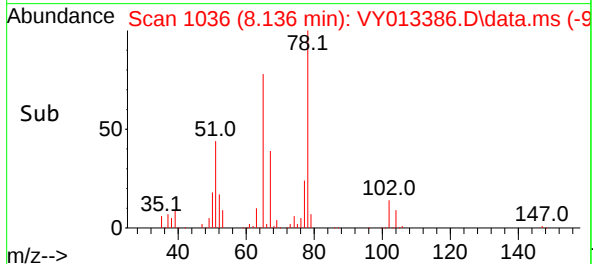
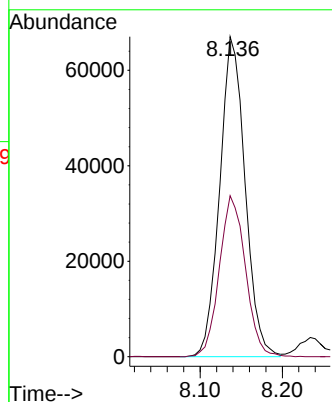
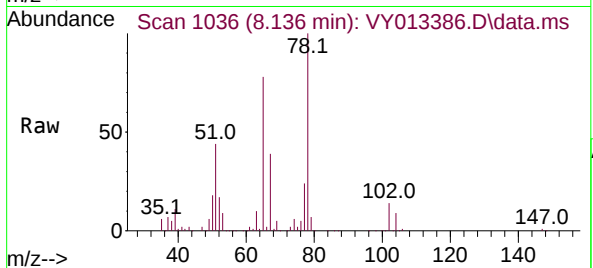
VSTDICCC050

Tgt Ion: 65 Resp: 143895

Ion Ratio Lower Upper

65 100

67 51.7 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: VY013386.D

Acq: 21 Apr 2023 17:11

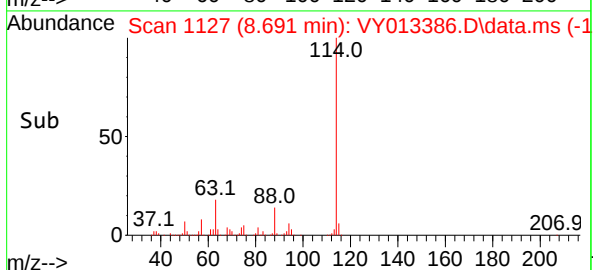
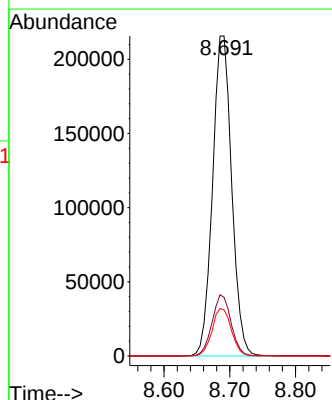
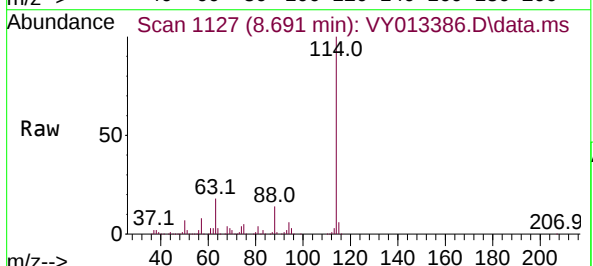
Tgt Ion: 114 Resp: 436393

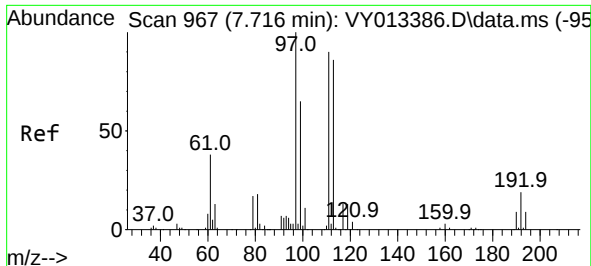
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.4 0.0 28.8

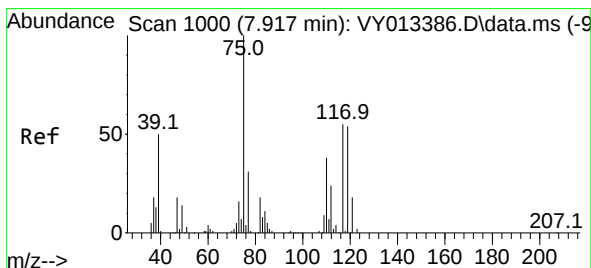
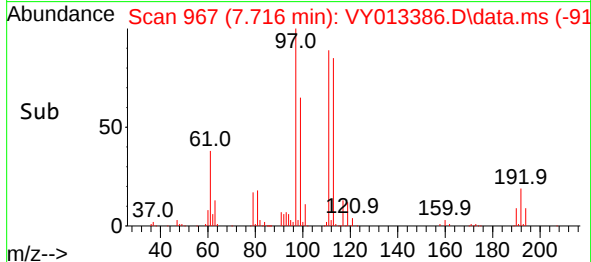
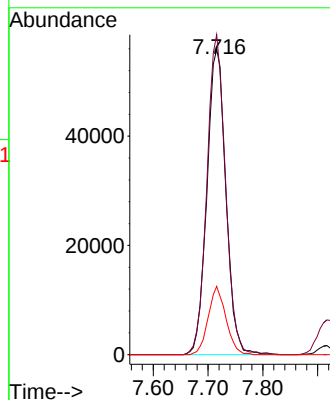
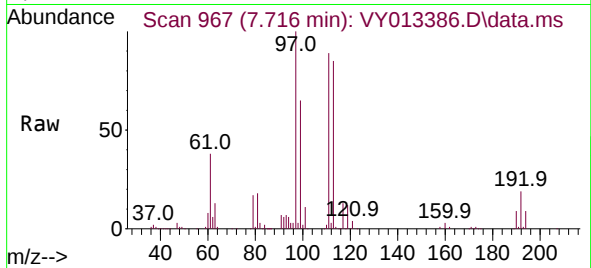




#35
Dibromofluoromethane
Concen: 49.168 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

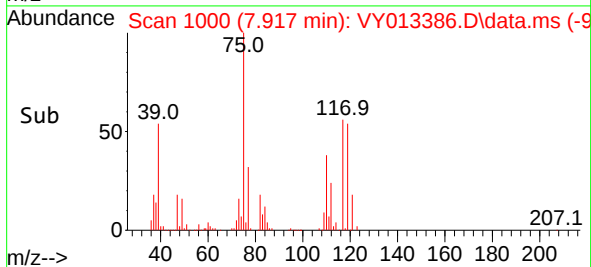
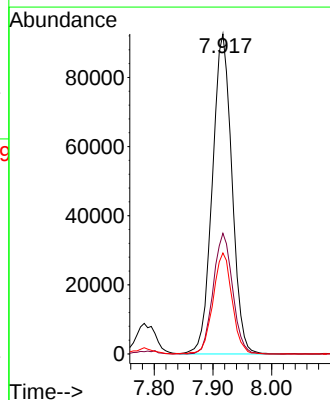
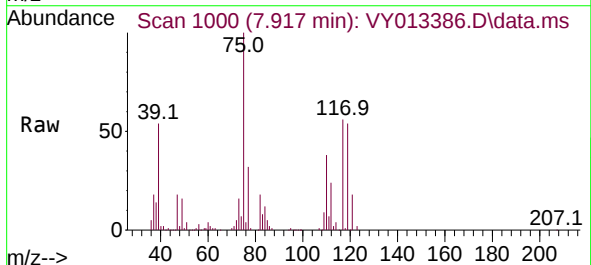
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

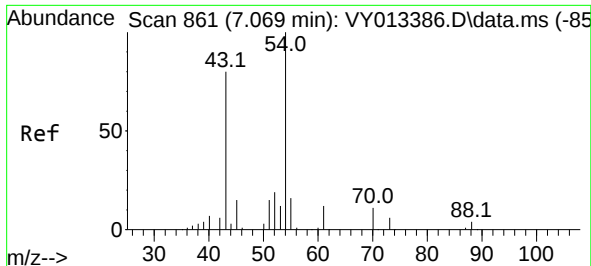
Tgt Ion:113 Resp: 134293
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.559 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 75 Resp: 213899
Ion Ratio Lower Upper
75 100
110 37.4 18.7 56.1
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 49.031 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

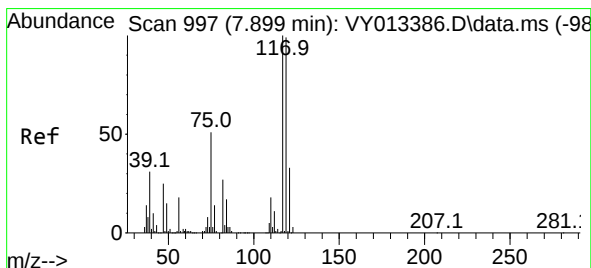
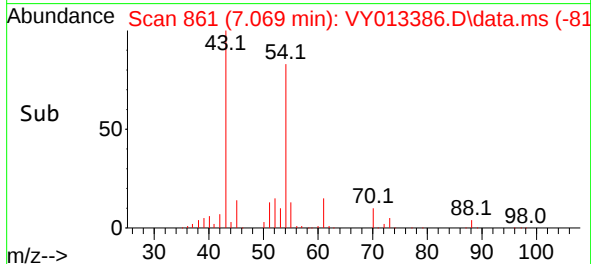
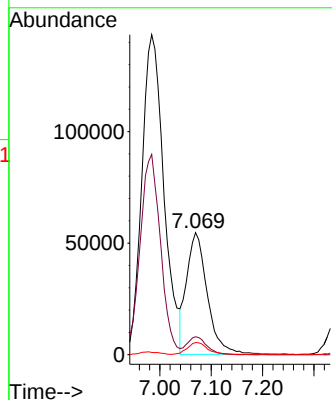
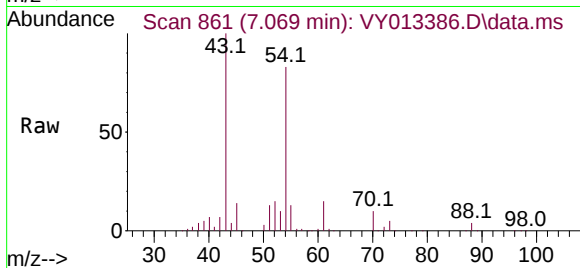
Tgt Ion: 43 Resp: 152349

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 9.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.301 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

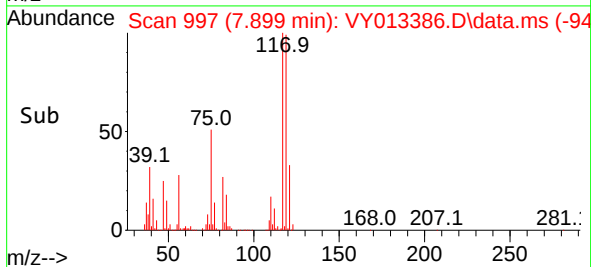
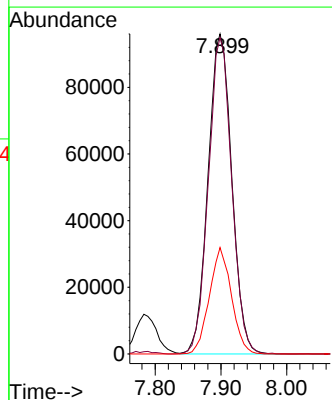
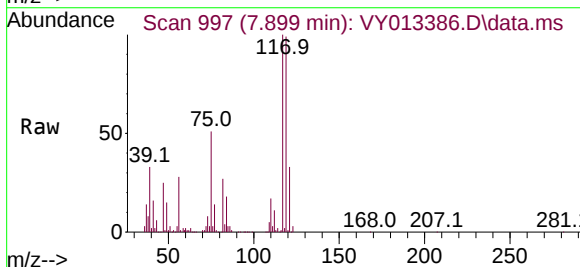
Tgt Ion: 117 Resp: 241556

Ion Ratio Lower Upper

117 100

119 98.8 79.0 118.6

121 33.3 26.6 40.0





#39

Methylcyclohexane

Concen: 53.446 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

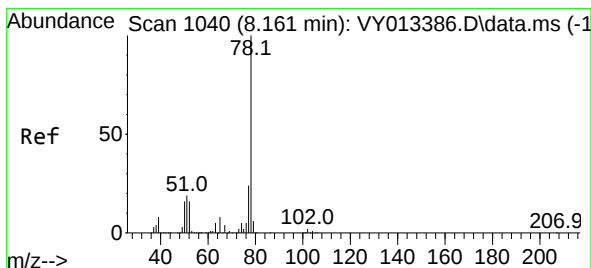
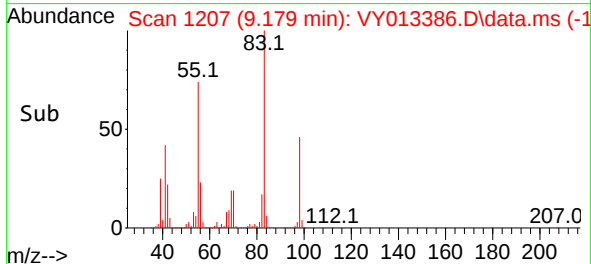
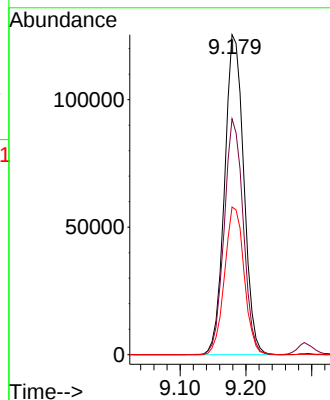
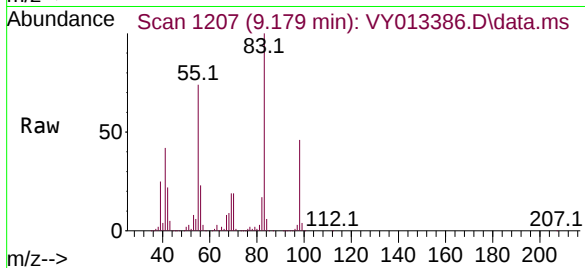
Tgt Ion: 83 Resp: 254643

Ion Ratio Lower Upper

83 100

55 73.7 59.0 88.4

98 46.2 37.0 55.4



#40

Benzene

Concen: 50.977 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013386.D

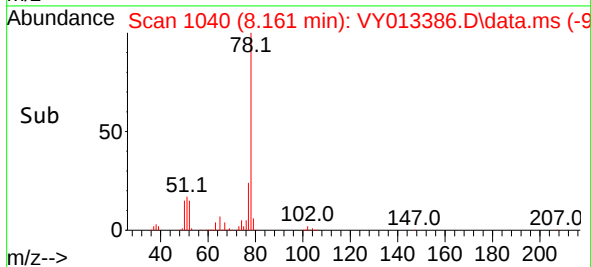
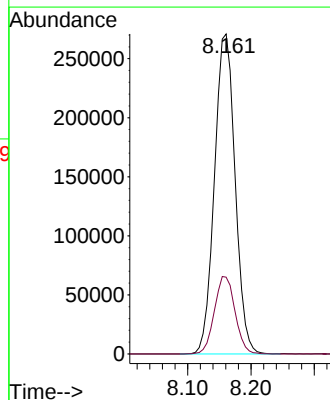
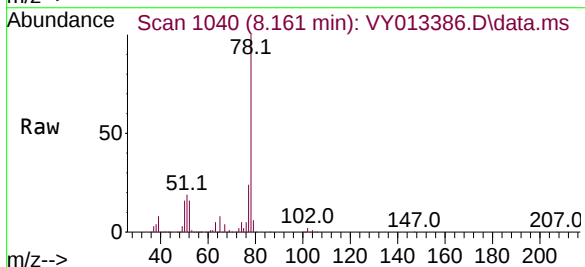
Acq: 21 Apr 2023 17:11

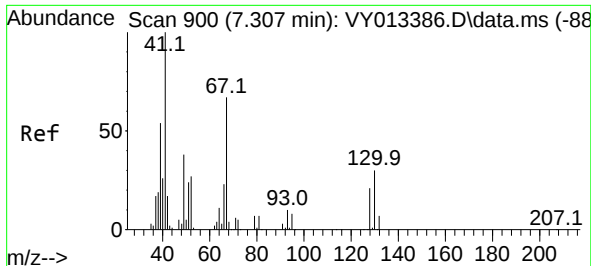
Tgt Ion: 78 Resp: 612998

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8

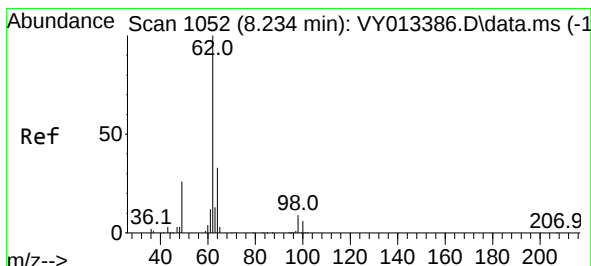
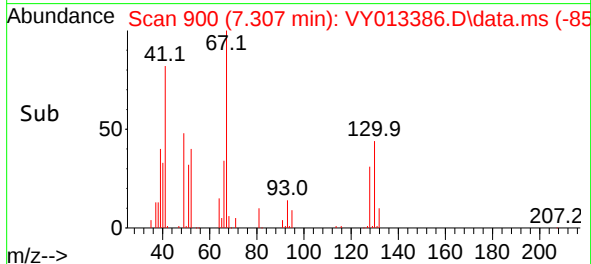
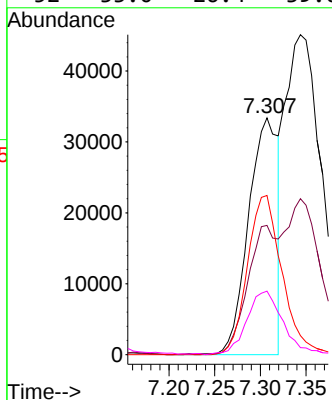
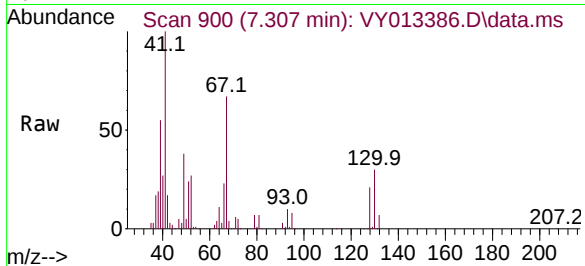




#41
Methacrylonitrile
Concen: 50.167 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

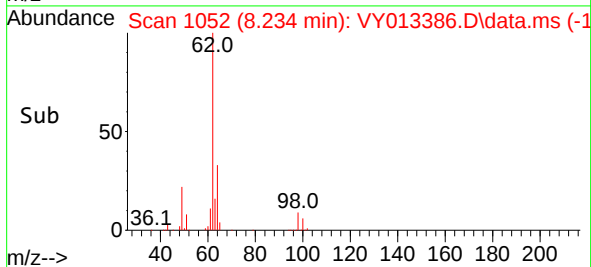
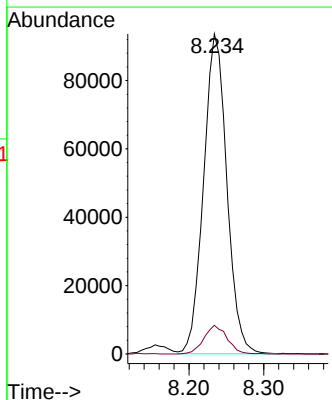
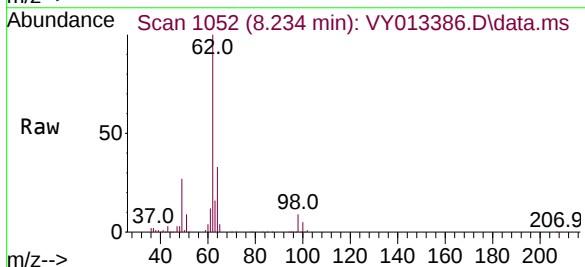
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

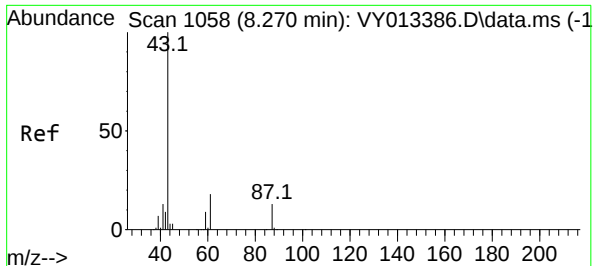
Tgt Ion:	41	Resp:	75517
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	78.6	62.9	94.3
52	33.0	26.4	39.6



#42
1,2-Dichloroethane
Concen: 51.131 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion:	62	Resp:	202363
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.702 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

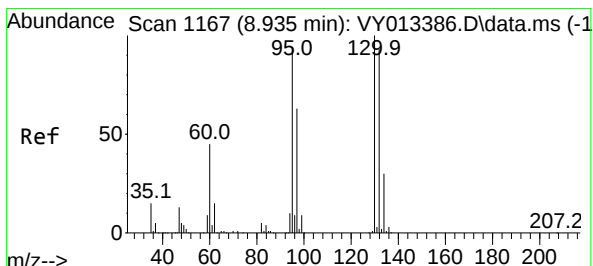
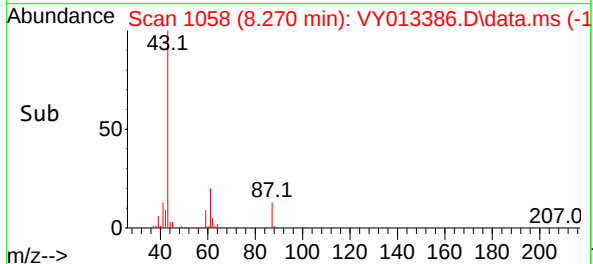
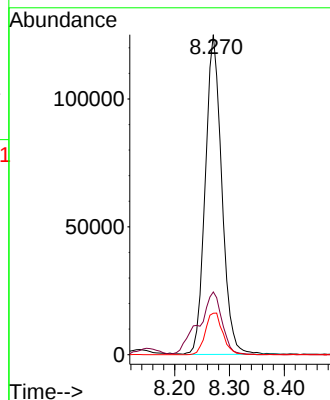
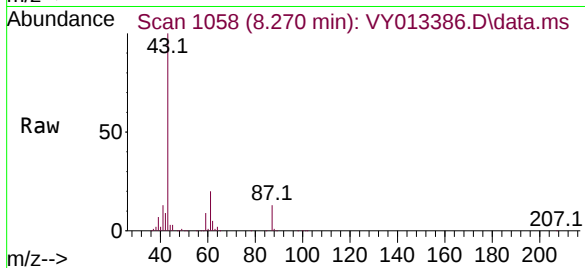
Tgt Ion: 43 Resp: 260725

Ion Ratio Lower Upper

43 100

61 27.8 22.2 33.4

87 13.8 11.0 16.6



#44

Trichloroethene

Concen: 51.820 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013386.D

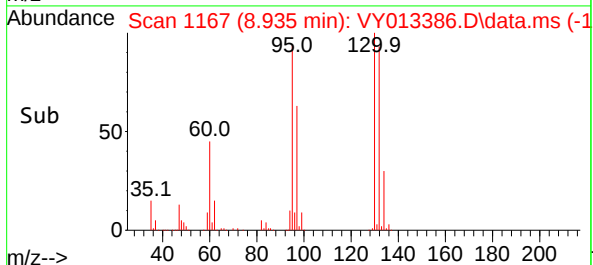
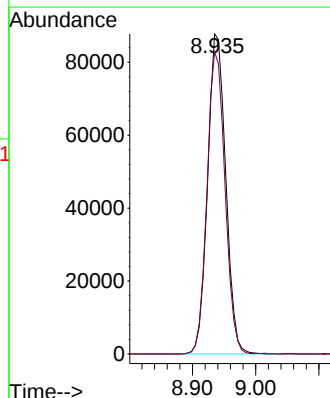
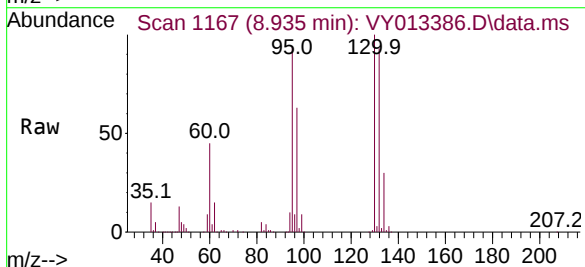
Acq: 21 Apr 2023 17:11

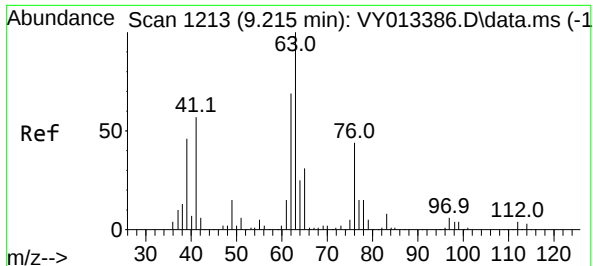
Tgt Ion:130 Resp: 174522

Ion Ratio Lower Upper

130 100

95 94.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.488 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

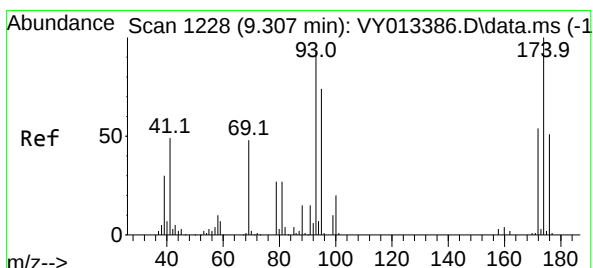
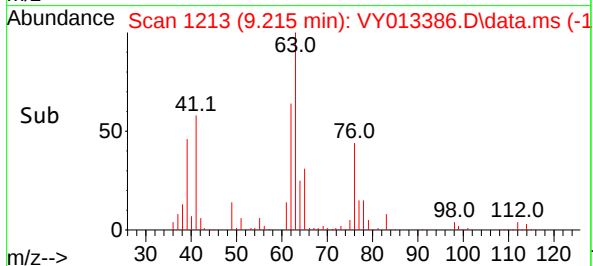
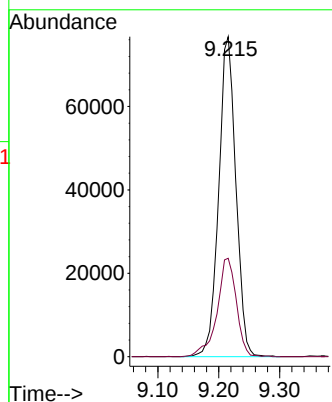
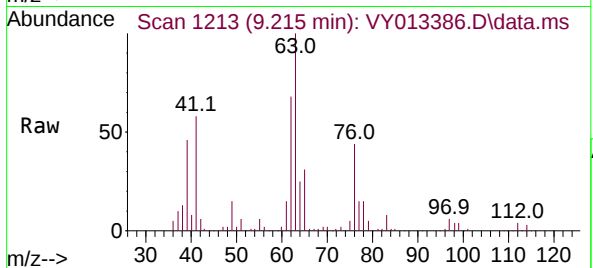
VSTDICCC050

Tgt Ion: 63 Resp: 150103

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 50.858 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

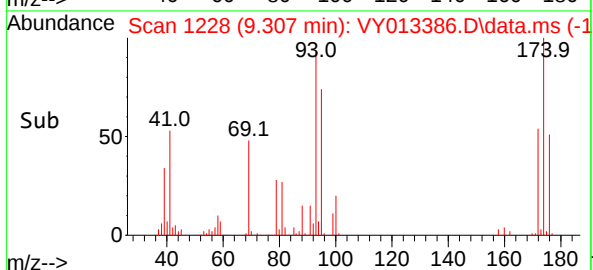
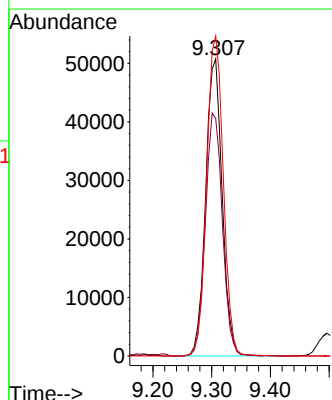
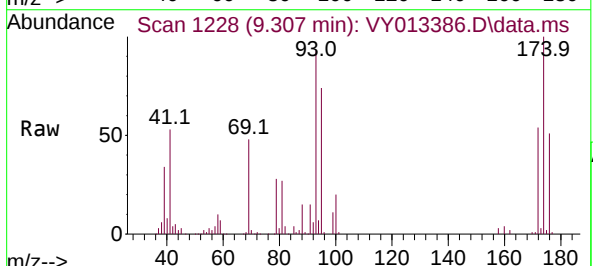
Tgt Ion: 93 Resp: 99248

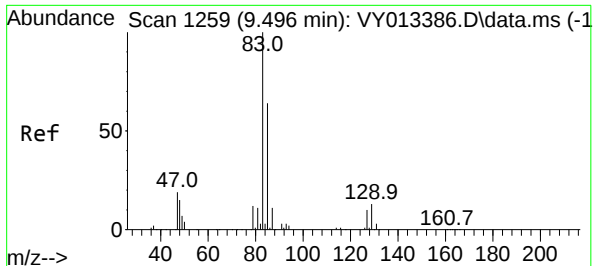
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 108.7 87.0 130.4





#47

Bromodichloromethane

Concen: 50.990 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

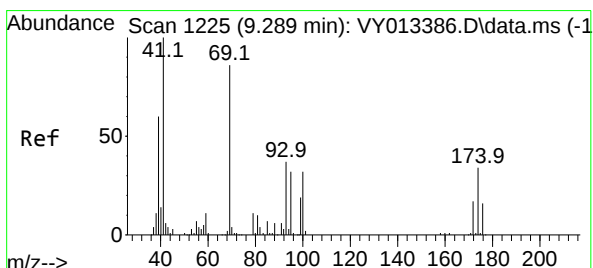
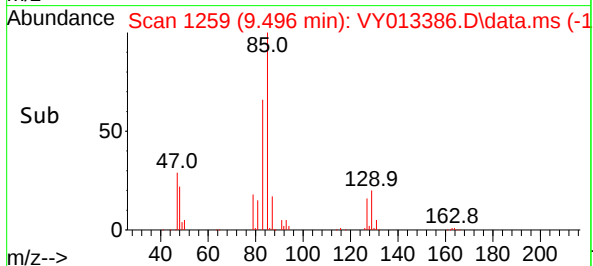
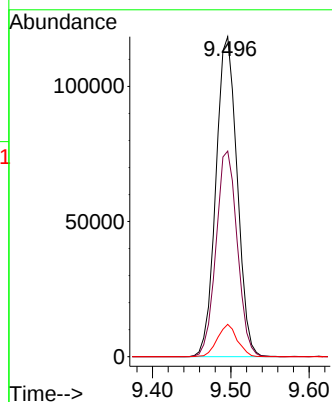
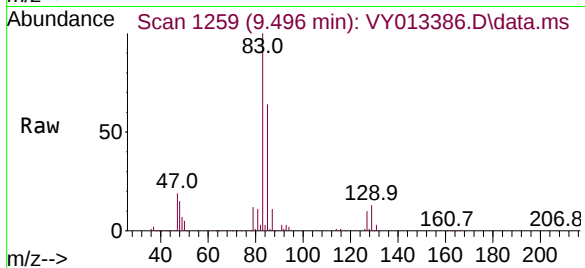
Tgt Ion: 83 Resp: 222863

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2

127 10.1 8.1 12.1



#48

Methyl methacrylate

Concen: 52.728 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

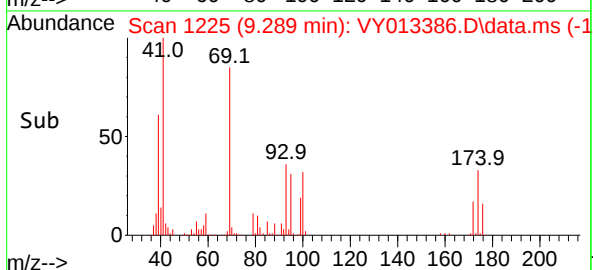
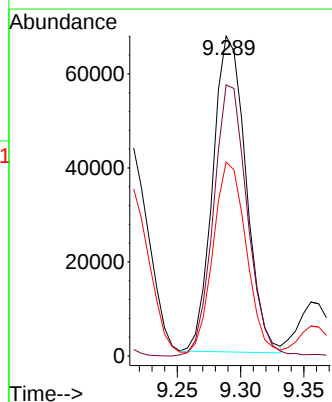
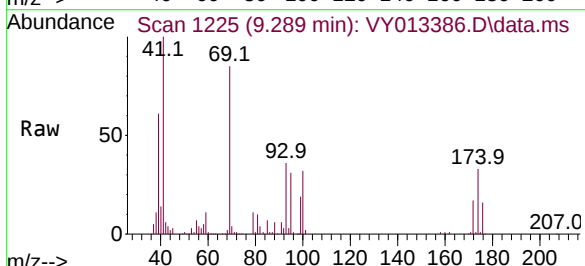
Tgt Ion: 41 Resp: 122402

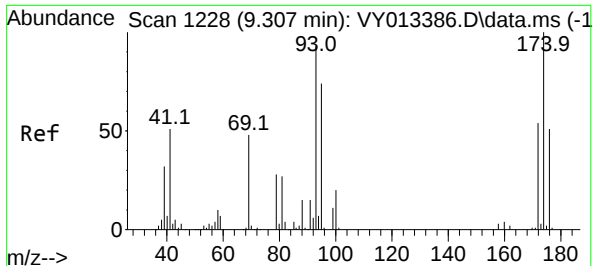
Ion Ratio Lower Upper

41 100

69 87.8 70.2 105.4

39 59.9 47.9 71.9





#49

1,4-Dioxane

Concen: 1077.749 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

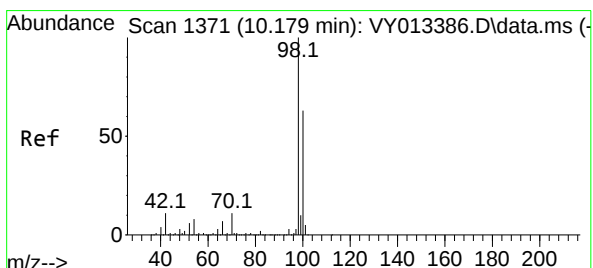
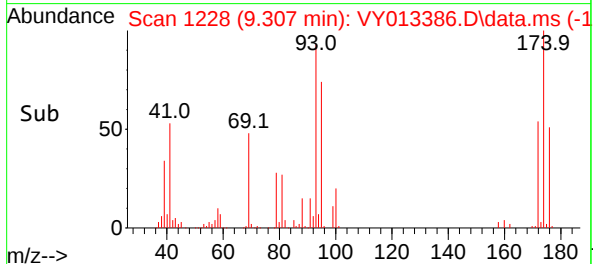
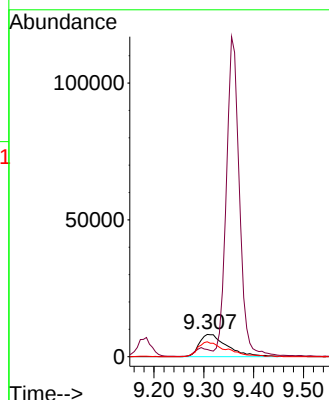
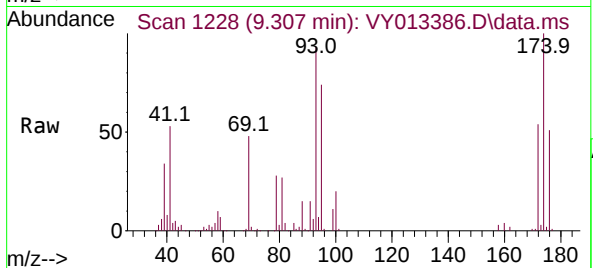
Tgt Ion: 88 Resp: 31793

Ion Ratio Lower Upper

88 100

43 21.0 16.8 25.2

58 67.9 54.3 81.5



#50

Toluene-d8

Concen: 48.136 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013386.D

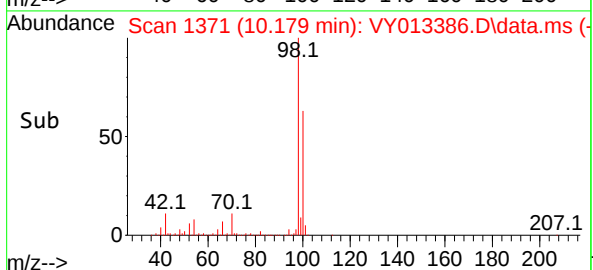
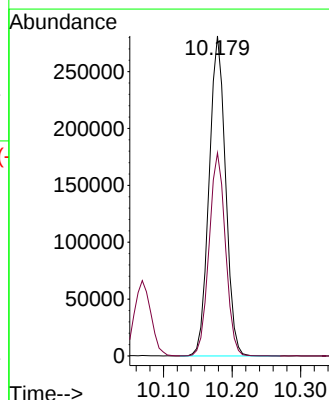
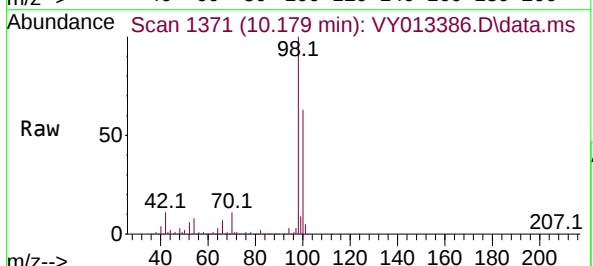
Acq: 21 Apr 2023 17:11

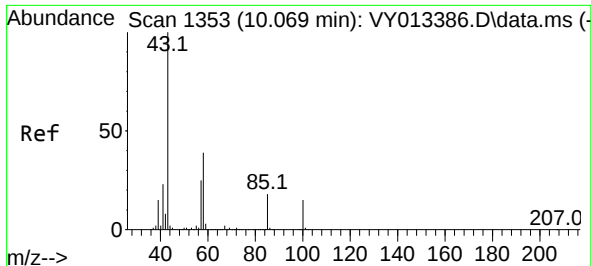
Tgt Ion: 98 Resp: 470264

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

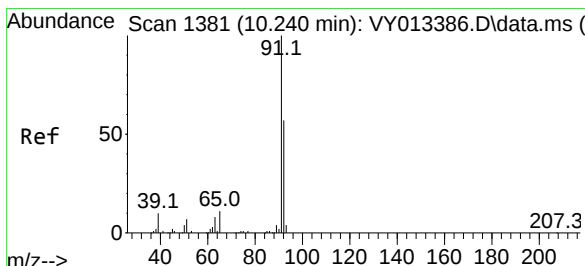
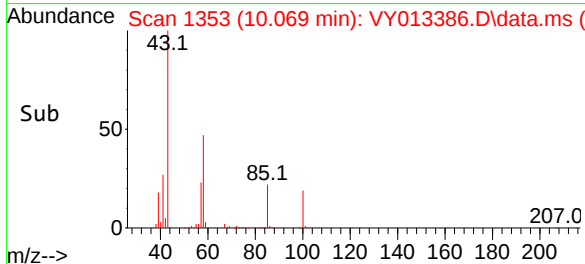
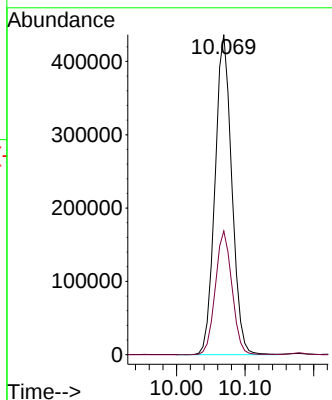
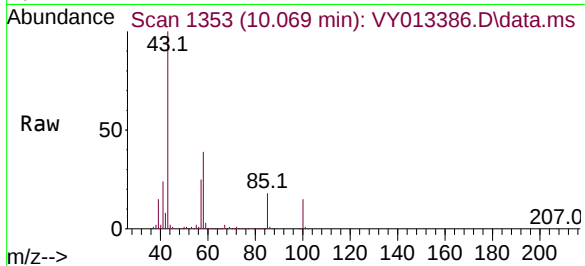




#51
4-Methyl-2-Pentanone
Concen: 263.808 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

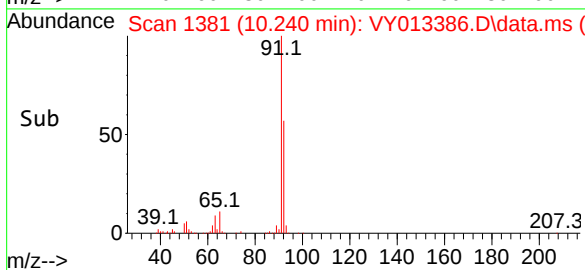
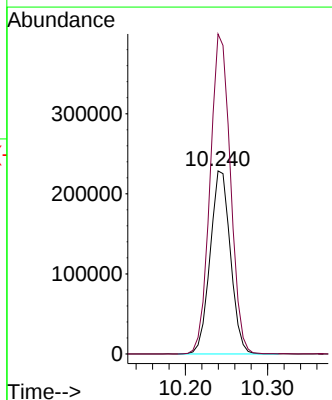
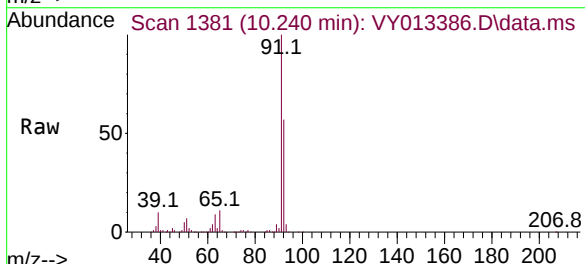
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

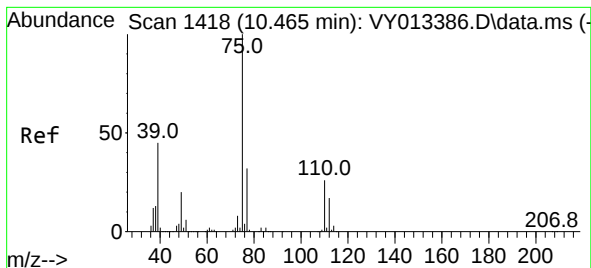
Tgt Ion: 43 Resp: 740643
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0



#52
Toluene
Concen: 51.945 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 92 Resp: 391564
Ion Ratio Lower Upper
92 100
91 175.3 140.2 210.4

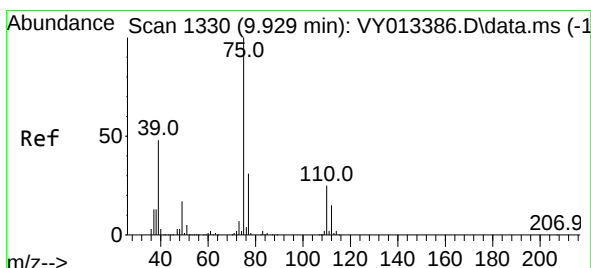
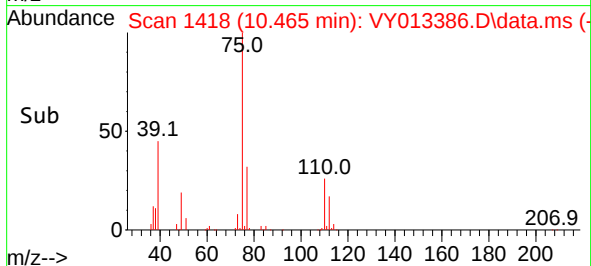
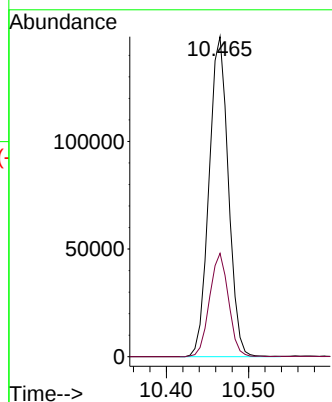
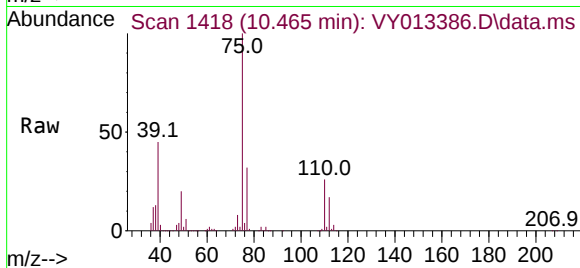




#53
 t-1,3-Dichloropropene
 Concen: 52.714 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

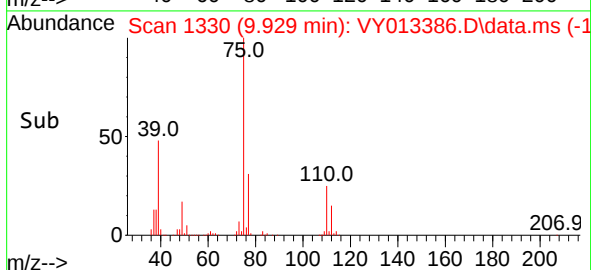
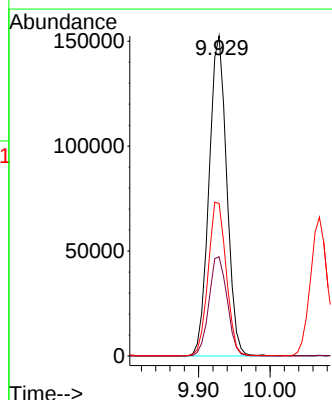
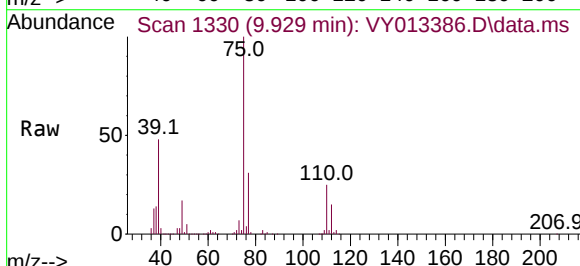
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

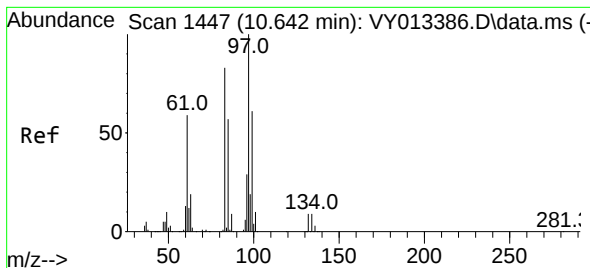
Tgt Ion: 75 Resp: 242618
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.573 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013386.D
 Acq: 21 Apr 2023 17:11

Tgt Ion: 75 Resp: 262309
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 47.6 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 51.998 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 138054

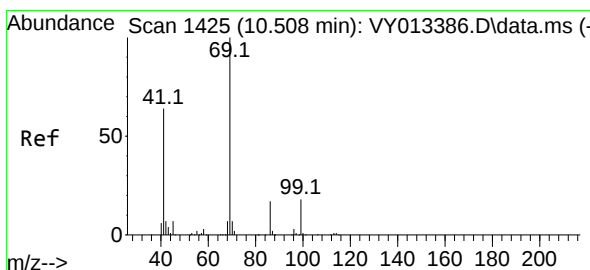
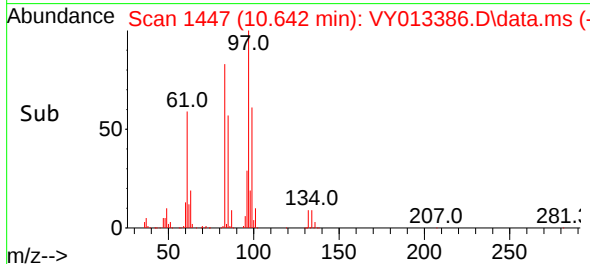
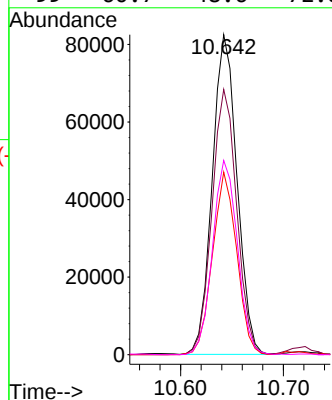
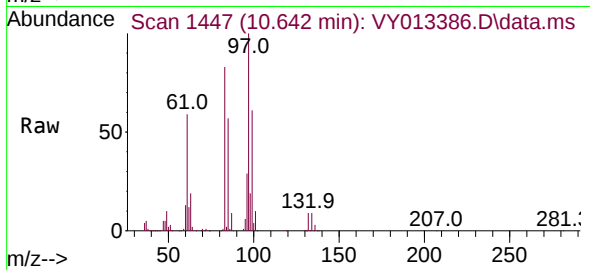
Ion Ratio Lower Upper

97 100

83 83.0 66.4 99.6

85 57.0 45.6 68.4

99 60.7 48.6 72.8



#56

Ethyl methacrylate

Concen: 55.803 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

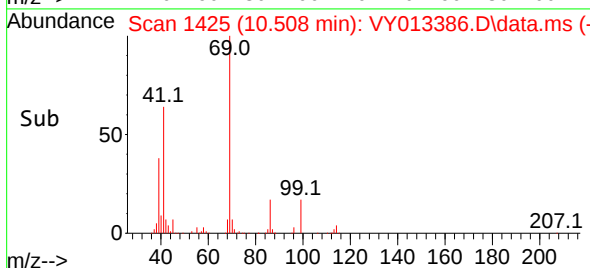
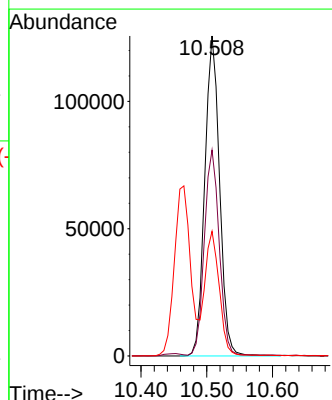
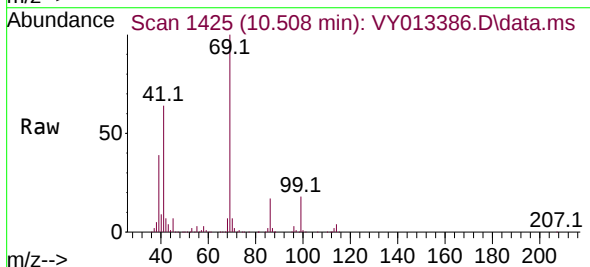
Tgt Ion: 69 Resp: 196730

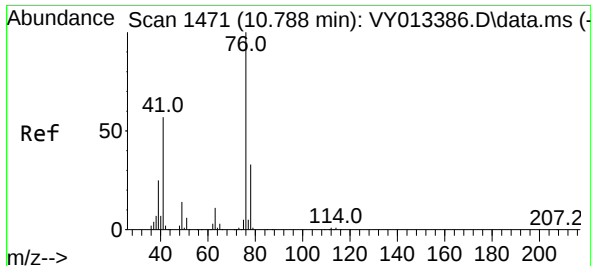
Ion Ratio Lower Upper

69 100

41 64.2 51.4 77.0

39 36.3 29.0 43.6





#57

1,3-Dichloropropane

Concen: 51.385 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

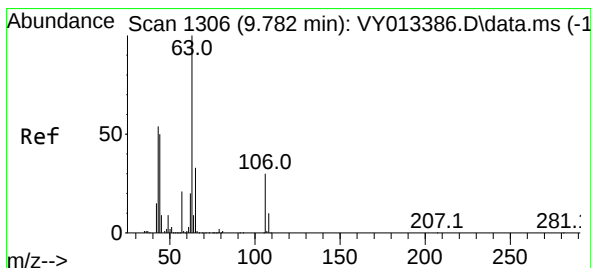
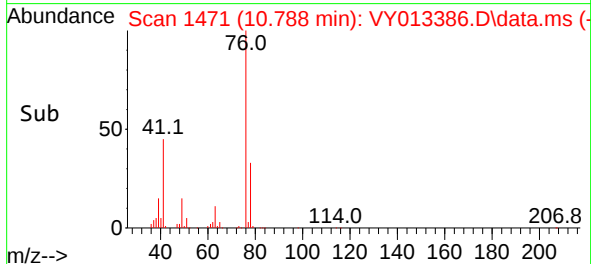
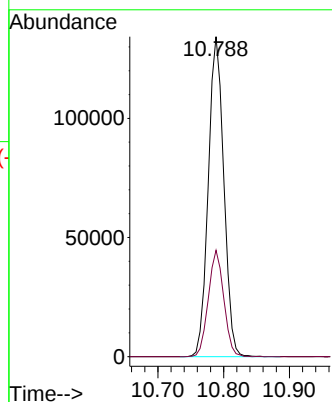
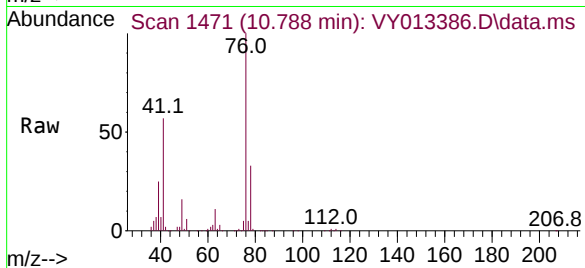
VSTDICCC050

Tgt Ion: 76 Resp: 220549

Ion Ratio Lower Upper

76 100

78 33.1 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 241.229 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013386.D

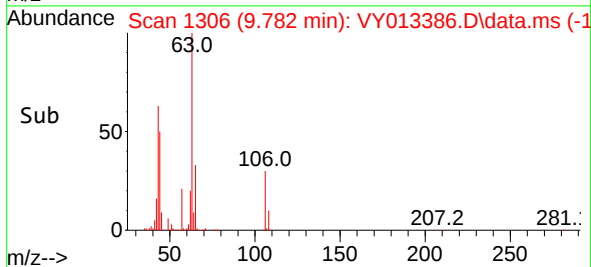
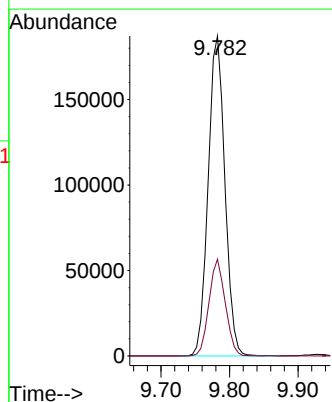
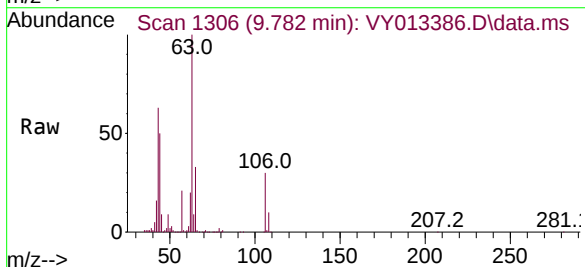
Acq: 21 Apr 2023 17:11

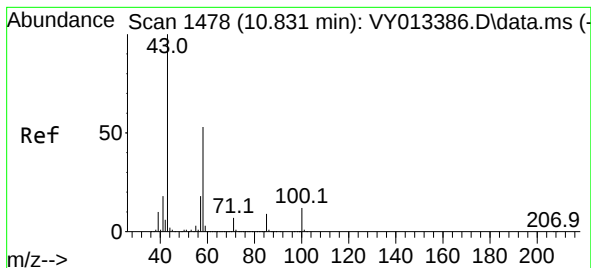
Tgt Ion: 63 Resp: 317492

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3

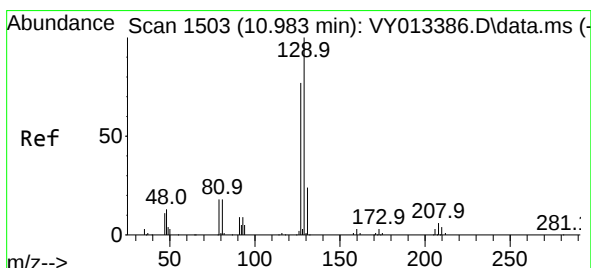
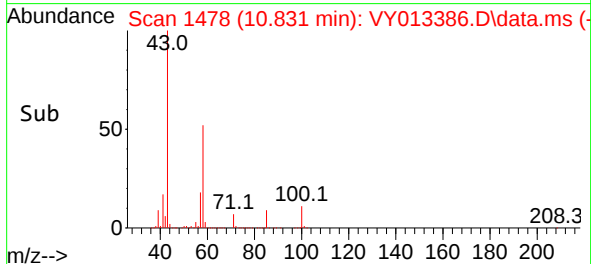
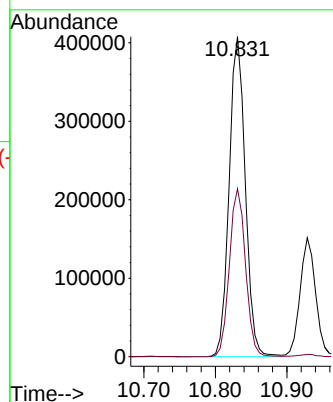
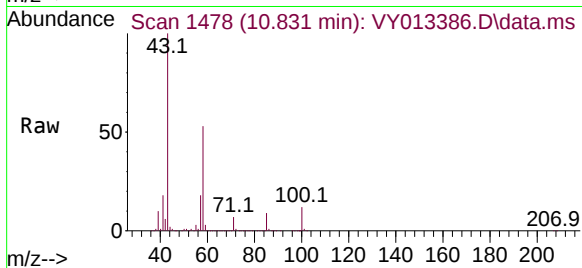




#59
2-Hexanone
Concen: 299.737 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

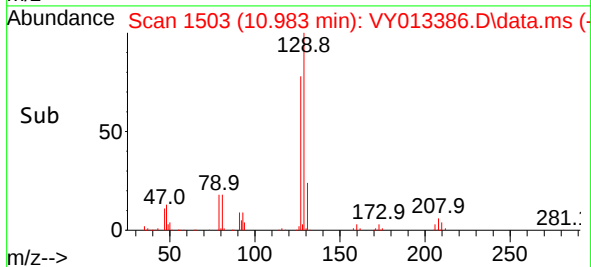
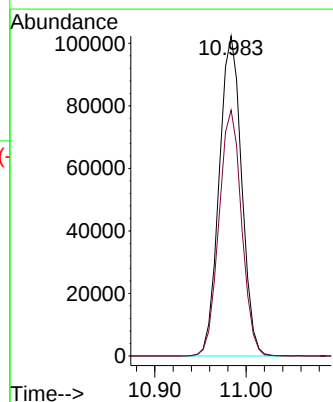
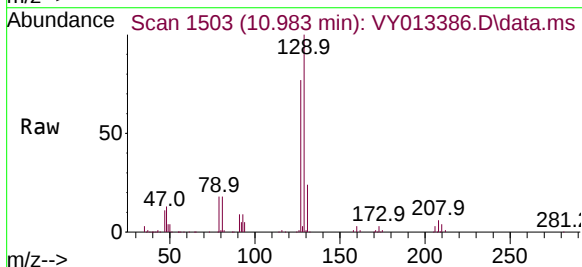
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

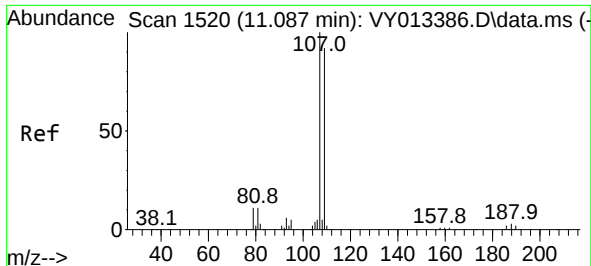
Tgt Ion: 43 Resp: 638487
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8



#60
Dibromochloromethane
Concen: 52.465 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 129 Resp: 174652
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

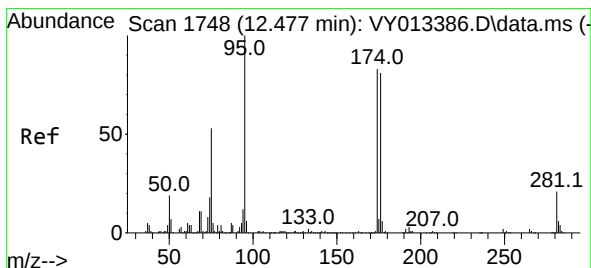
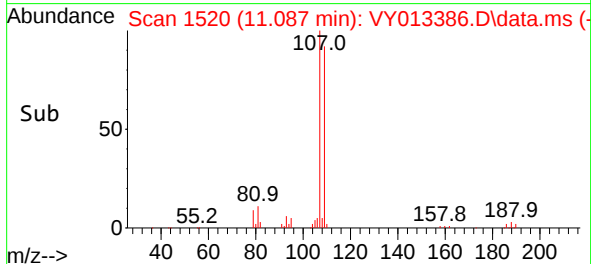
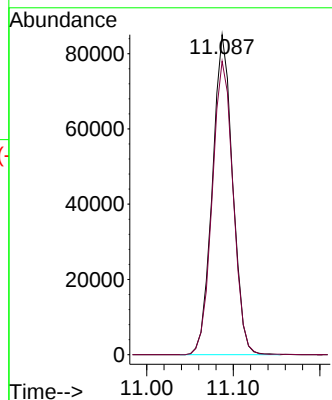
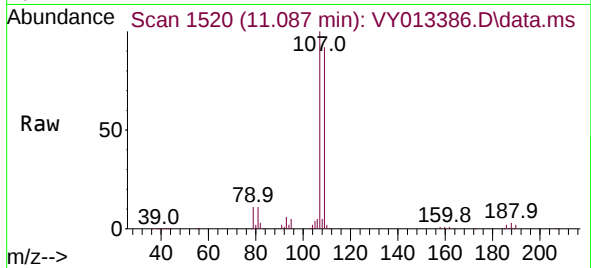




#61
1,2-Dibromoethane
Concen: 52.649 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

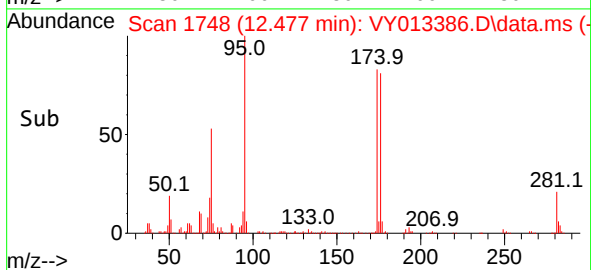
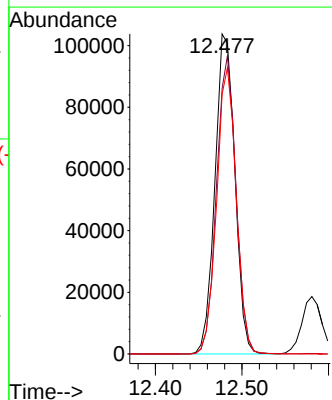
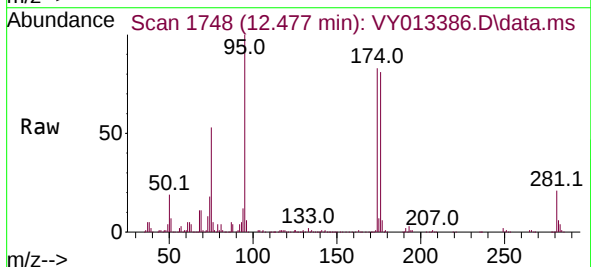
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 138180
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.989 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 95 Resp: 165854
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.0
176 87.7 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

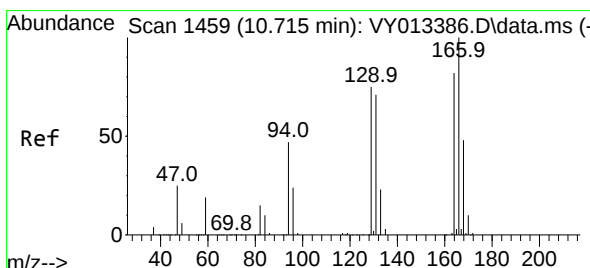
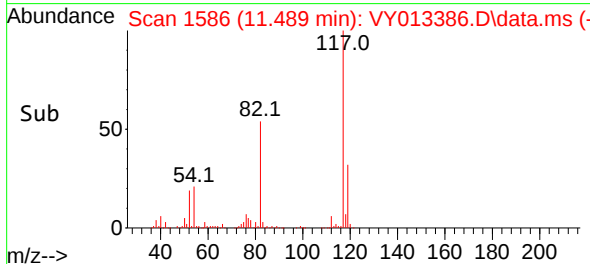
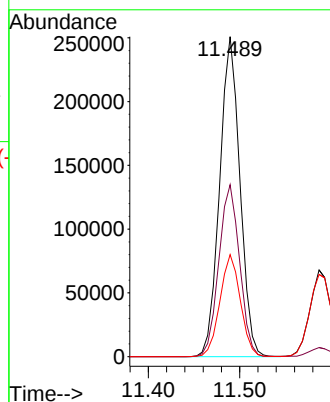
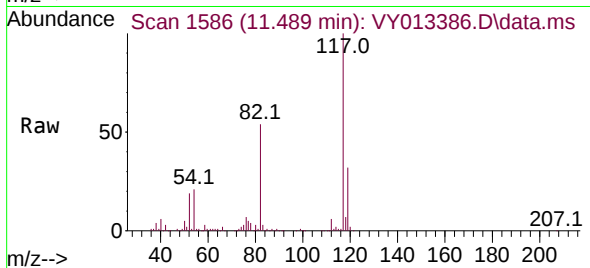
Tgt Ion:117 Resp: 387337

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 51.671 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Tgt Ion:164 Resp: 151142

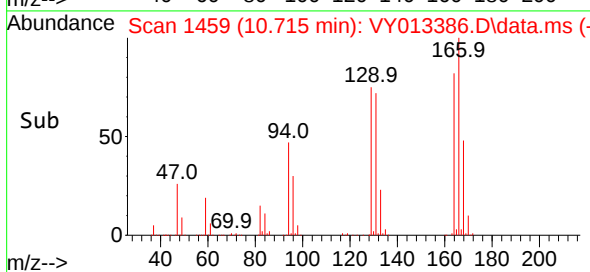
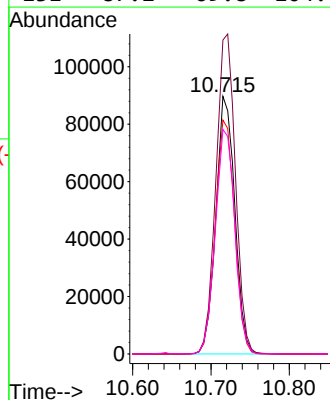
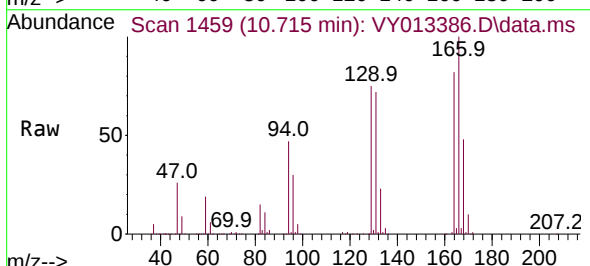
Ion Ratio Lower Upper

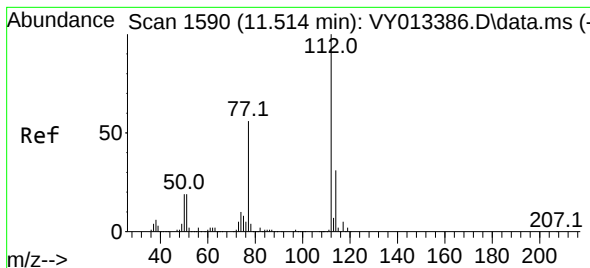
164 100

166 121.9 97.5 146.3

129 90.8 72.6 109.0

131 87.2 69.8 104.6





#65

Chlorobenzene

Concen: 52.040 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

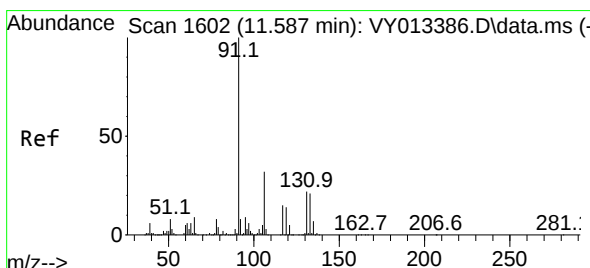
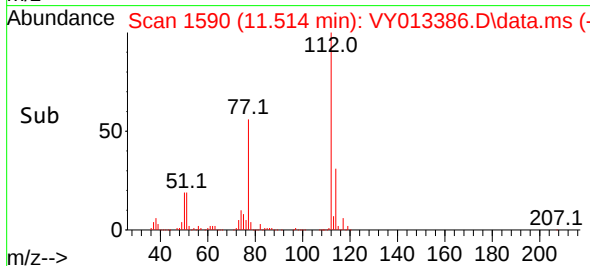
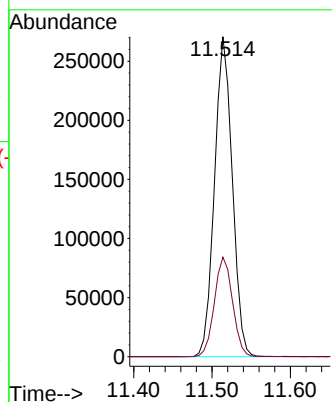
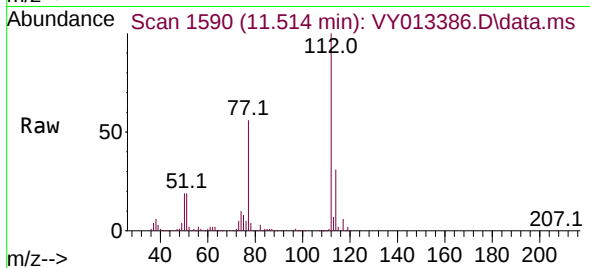
VSTDICCC050

Tgt Ion:112 Resp: 427537

Ion Ratio Lower Upper

112 100

114 31.1 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.651 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

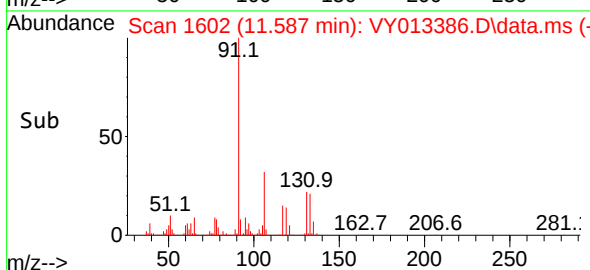
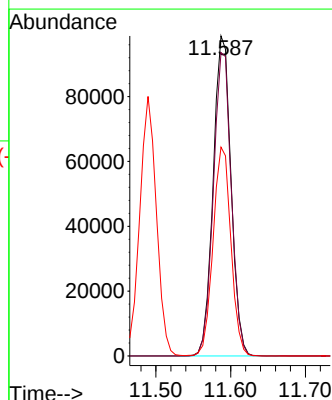
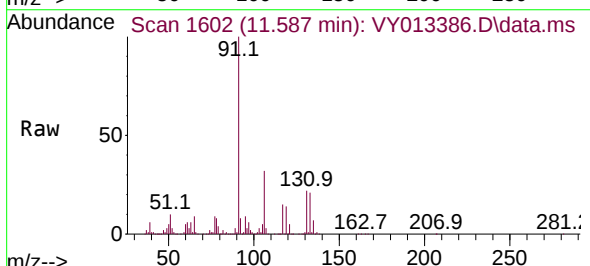
Tgt Ion:131 Resp: 164164

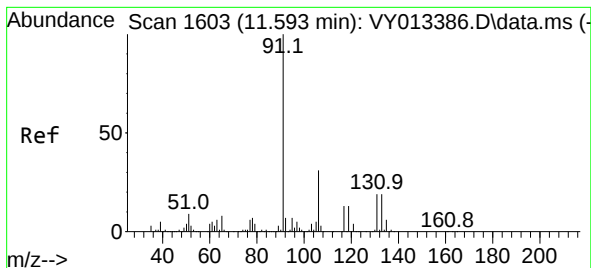
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 65.3 32.6 98.0





#67

Ethyl Benzene

Concen: 53.402 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

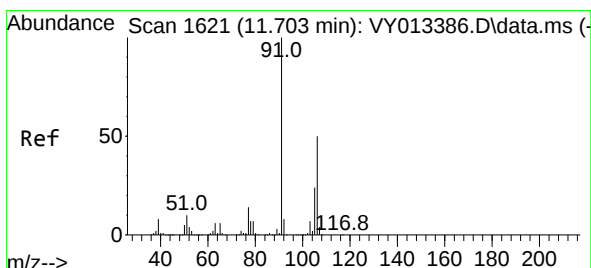
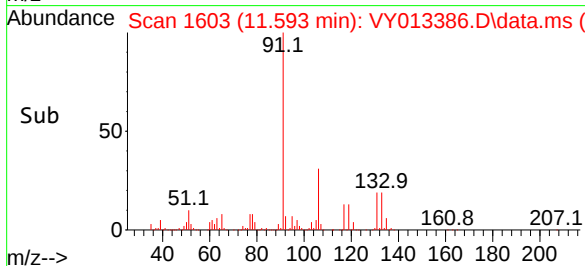
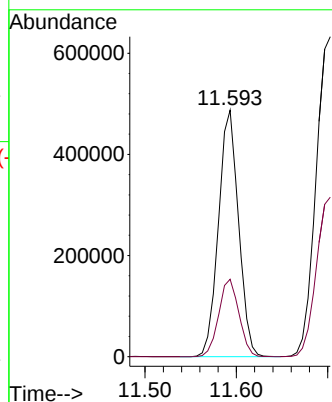
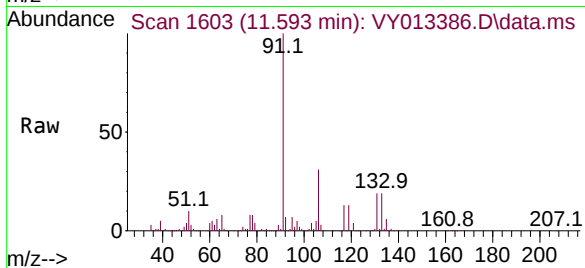
VSTDICCC050

Tgt Ion: 91 Resp: 743958

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 107.606 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013386.D

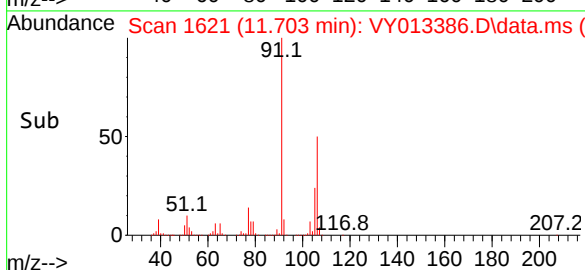
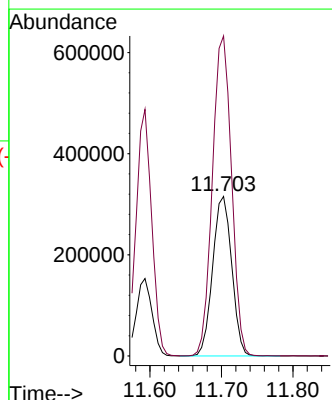
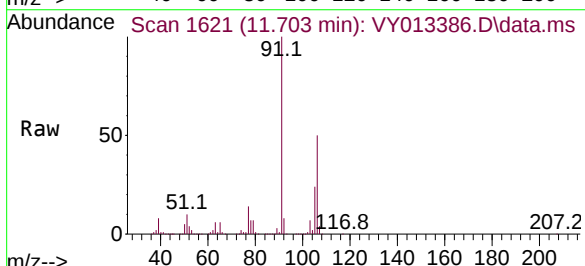
Acq: 21 Apr 2023 17:11

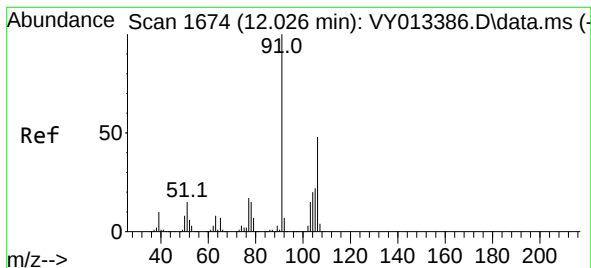
Tgt Ion:106 Resp: 584153

Ion Ratio Lower Upper

106 100

91 201.1 160.9 241.3





#69

o-Xylene

Concen: 55.083 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

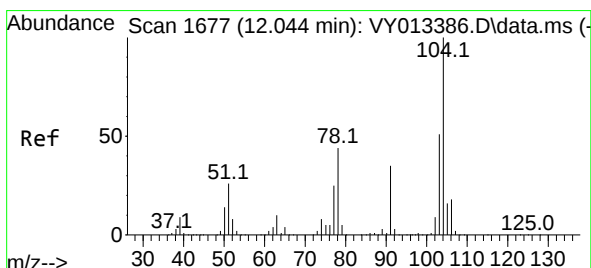
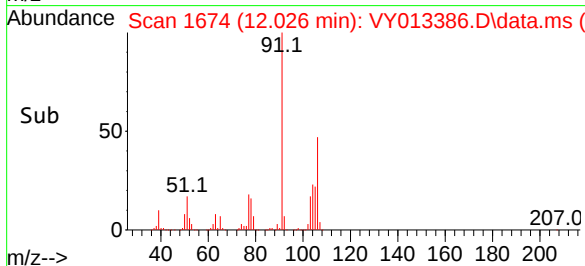
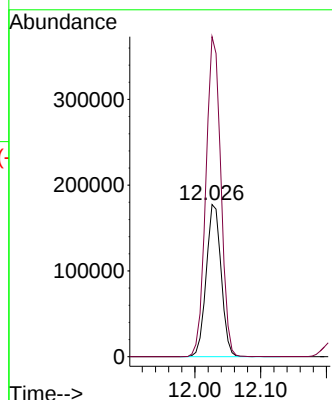
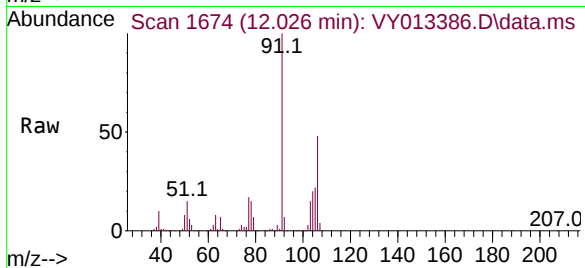
VSTDICCC050

Tgt Ion:106 Resp: 279492

Ion Ratio Lower Upper

106 100

91 210.9 105.5 316.4



#70

Styrene

Concen: 55.135 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

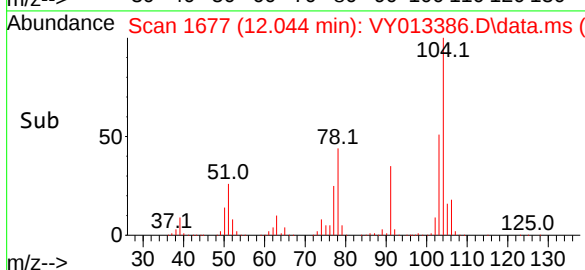
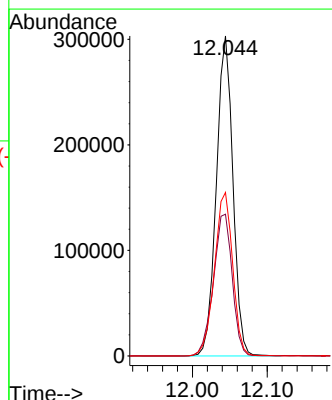
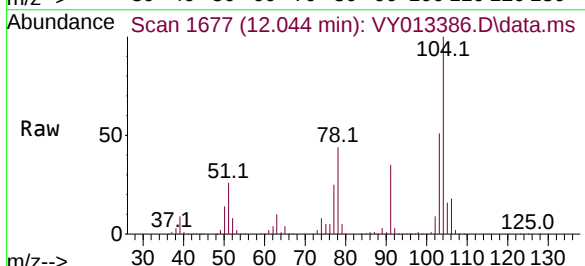
Tgt Ion:104 Resp: 467897

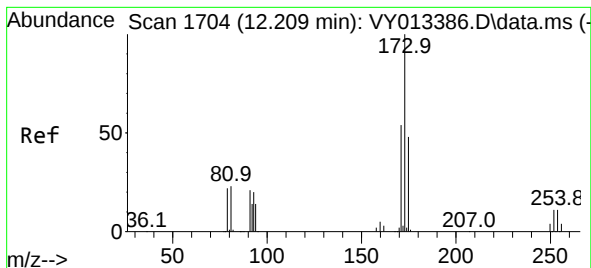
Ion Ratio Lower Upper

104 100

78 50.4 40.3 60.5

103 56.2 45.0 67.4





#71

Bromoform

Concen: 52.975 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

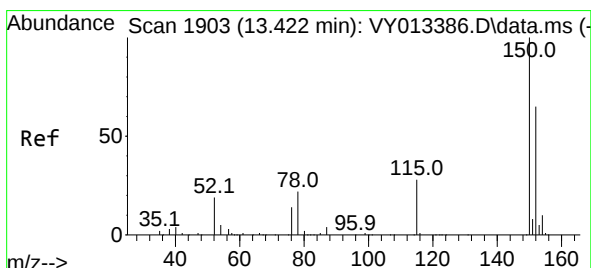
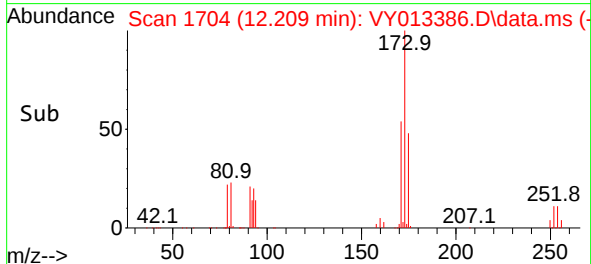
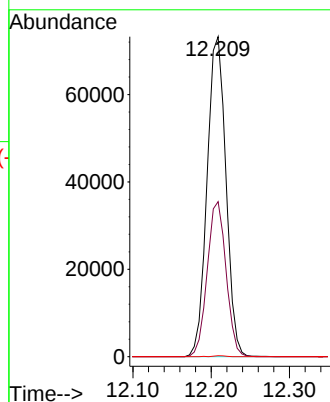
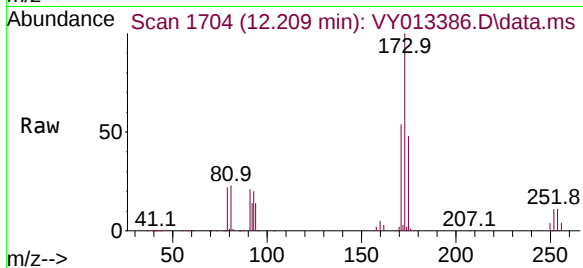
Tgt Ion:173 Resp: 122120

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

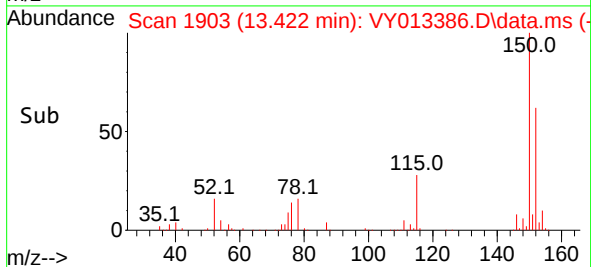
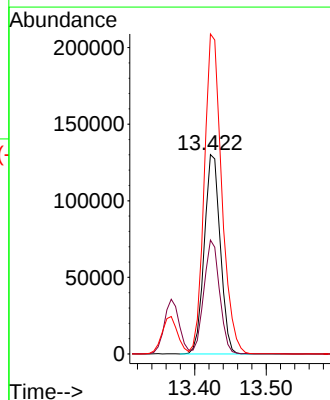
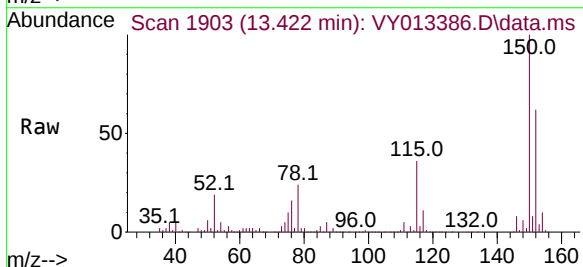
Tgt Ion:152 Resp: 202029

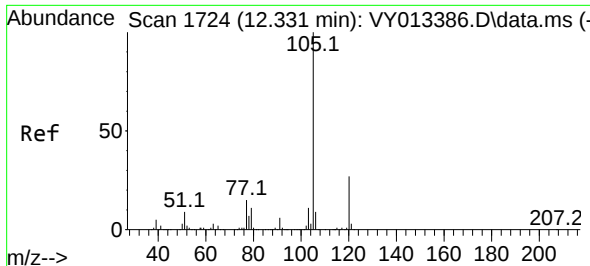
Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 176.0 0.0 352.0

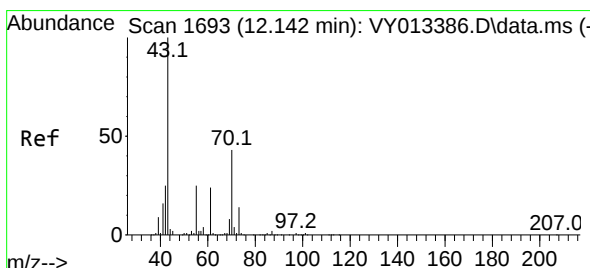
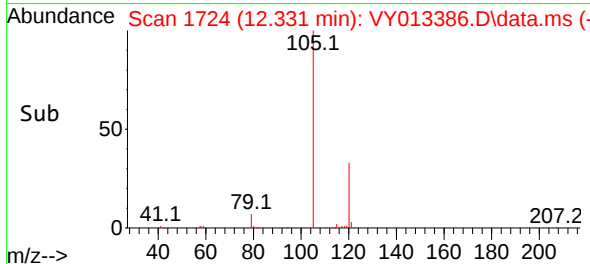
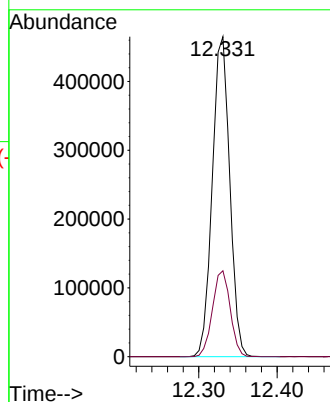
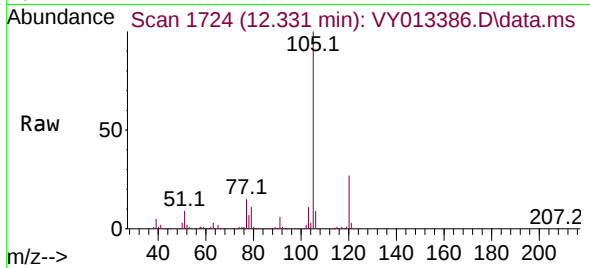




#73
Isopropylbenzene
Concen: 52.631 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

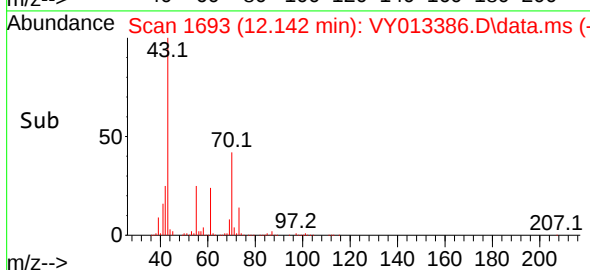
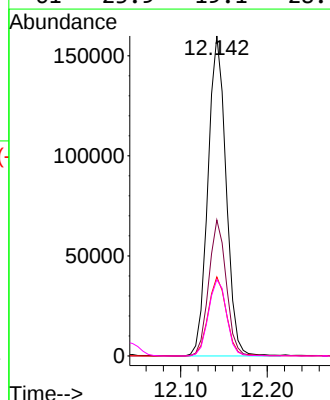
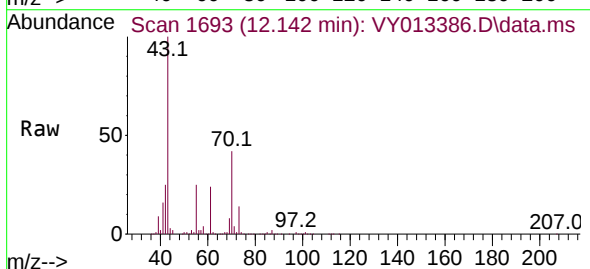
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

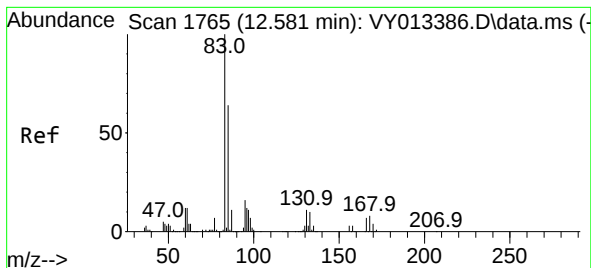
Tgt Ion:105 Resp: 717886
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-ethyl acetate
Concen: 54.670 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 43 Resp: 232321
Ion Ratio Lower Upper
43 100
70 41.2 33.0 49.4
55 24.7 19.8 29.6
61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.928 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

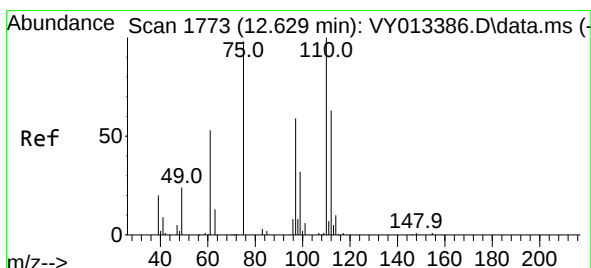
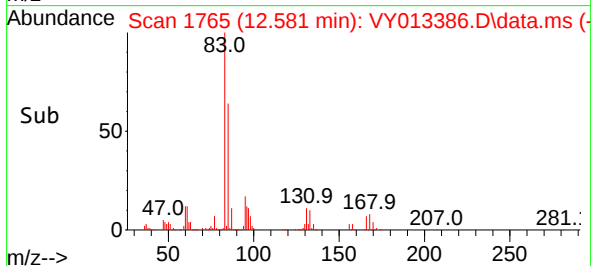
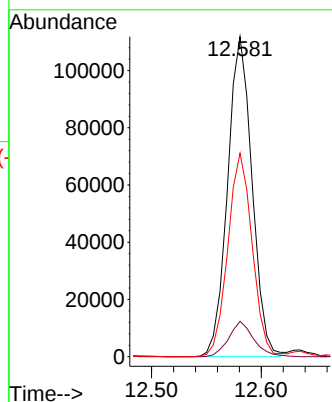
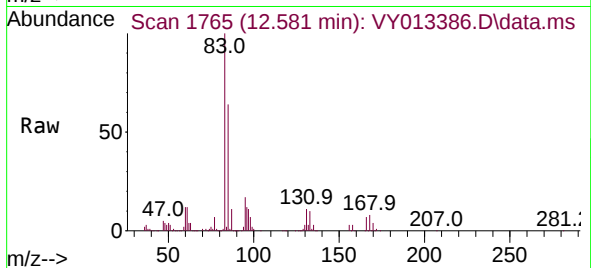
Tgt Ion: 83 Resp: 172984

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.511 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013386.D

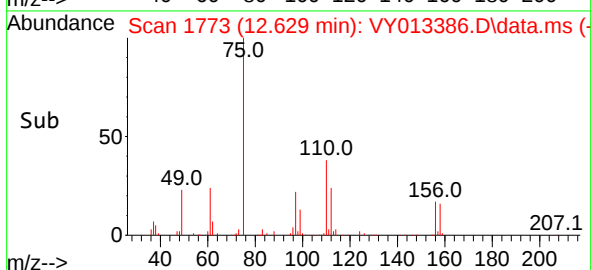
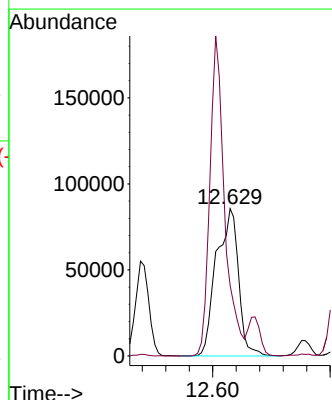
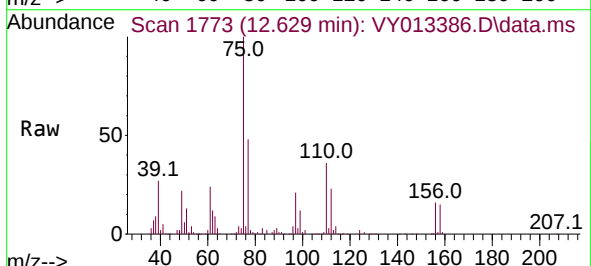
Acq: 21 Apr 2023 17:11

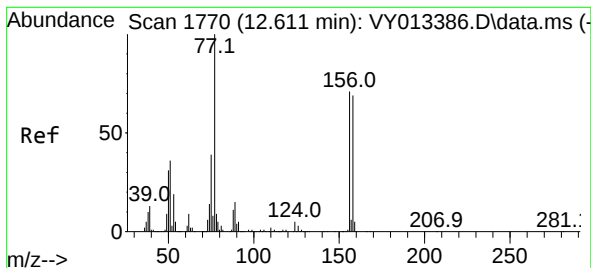
Tgt Ion: 75 Resp: 223674

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.927 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

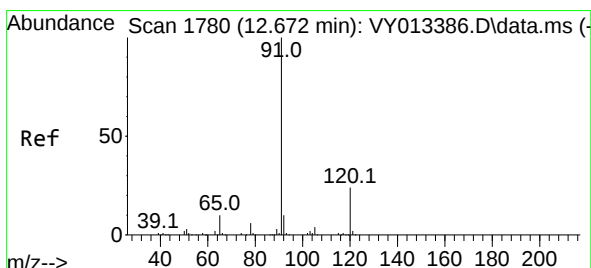
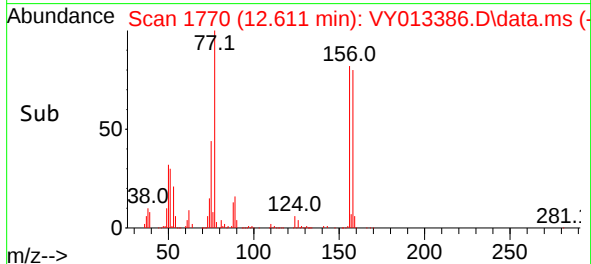
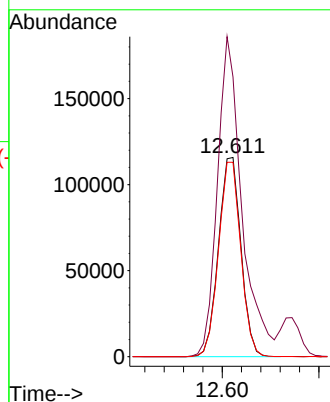
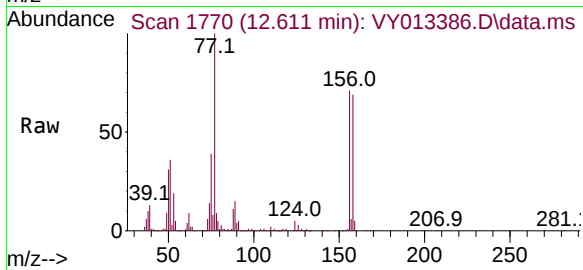
Tgt Ion:156 Resp: 186233

Ion Ratio Lower Upper

156 100

77 175.3 87.6 262.9

158 97.0 48.5 145.5



#78

n-propylbenzene

Concen: 52.703 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013386.D

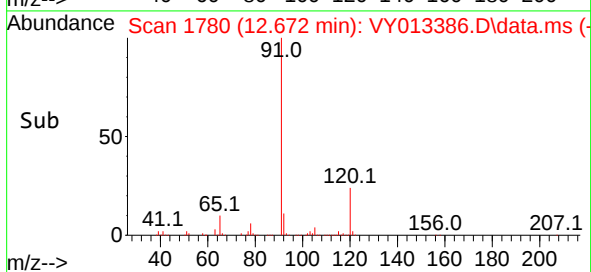
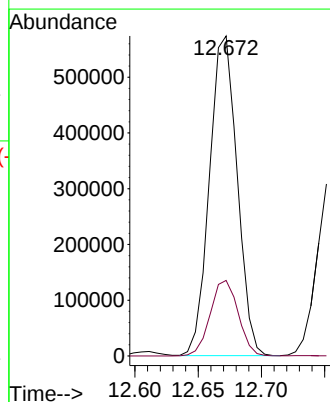
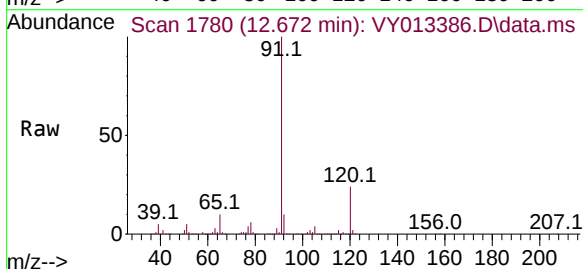
Acq: 21 Apr 2023 17:11

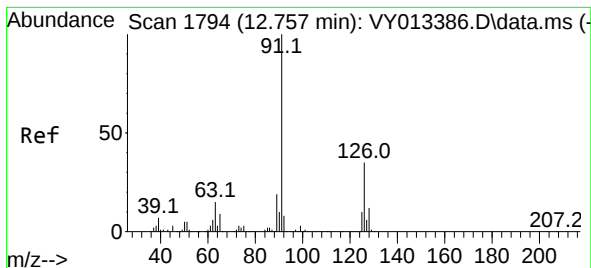
Tgt Ion: 91 Resp: 874237

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.9

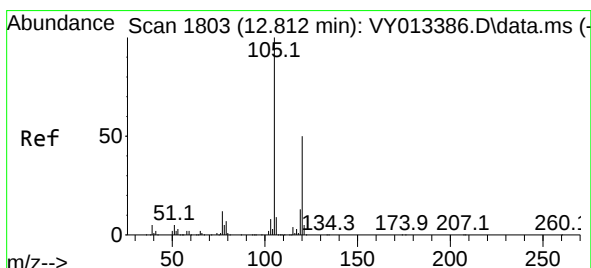
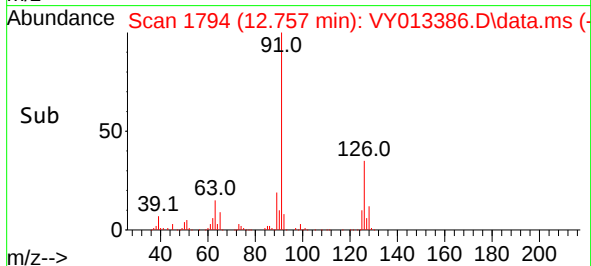
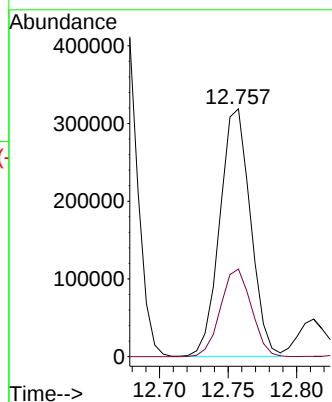
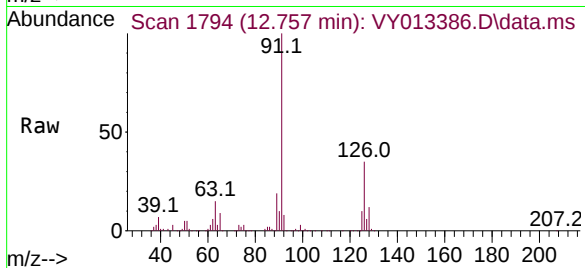




#79
2-Chlorotoluene
Concen: 52.689 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

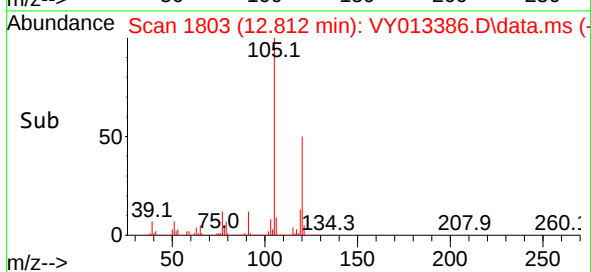
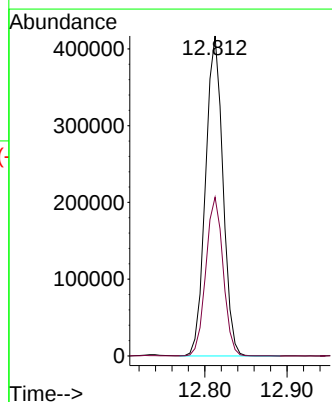
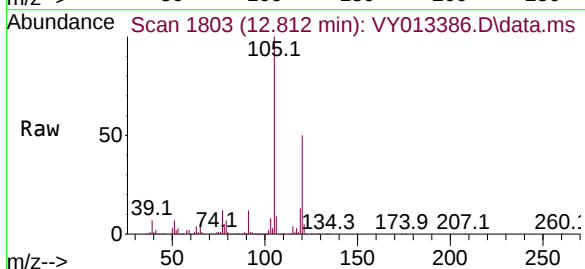
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

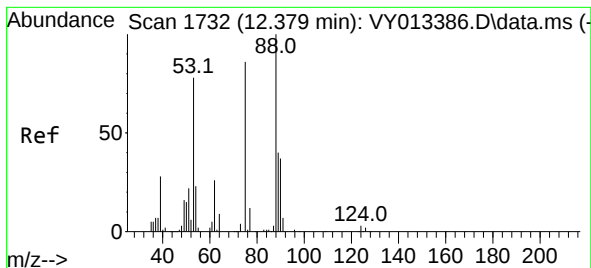
Tgt Ion: 91 Resp: 497423
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 53.514 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 105 Resp: 611336
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

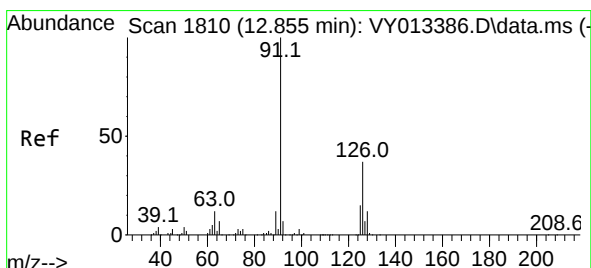
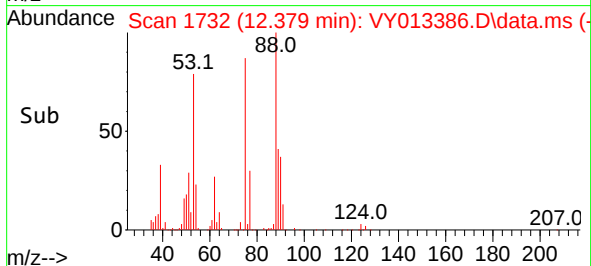
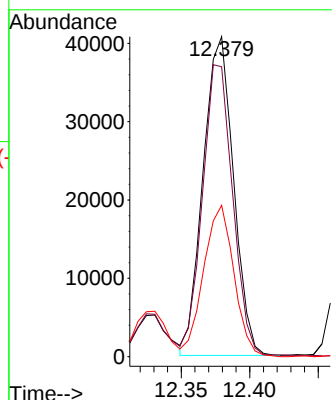
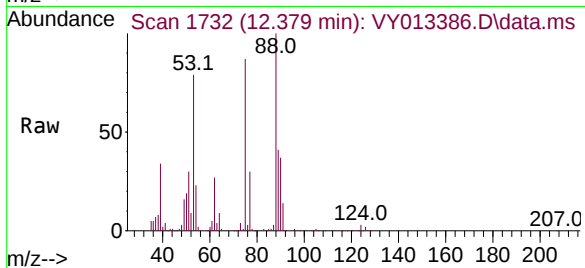




#81
trans-1,4-Dichloro-2-butene
Concen: 52.911 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

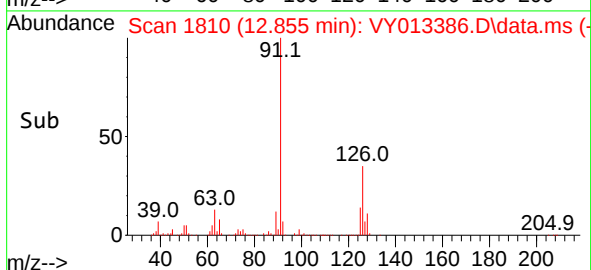
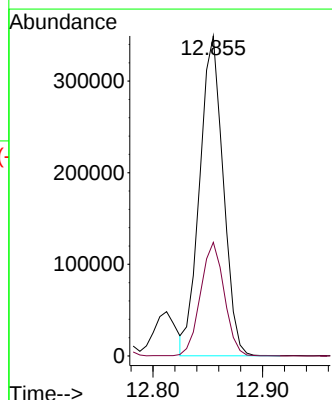
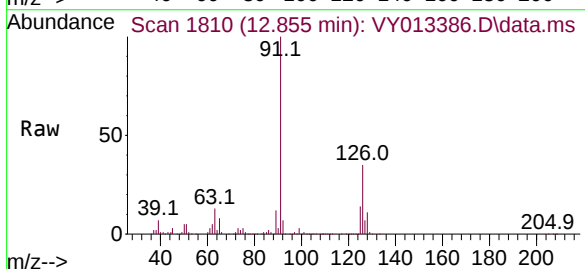
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

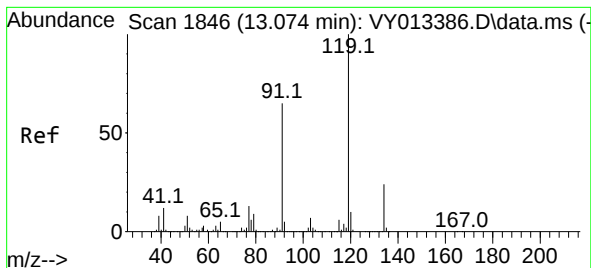
Tgt Ion: 75 Resp: 62780
Ion Ratio Lower Upper
75 100
53 91.5 73.2 109.8
89 47.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.893 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 91 Resp: 520367
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.513 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

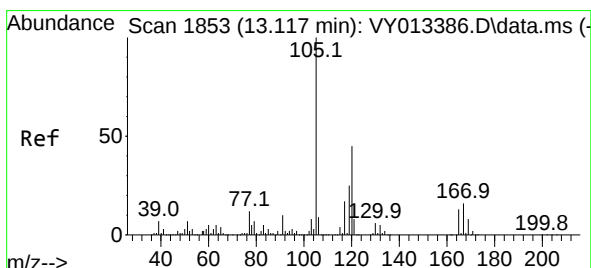
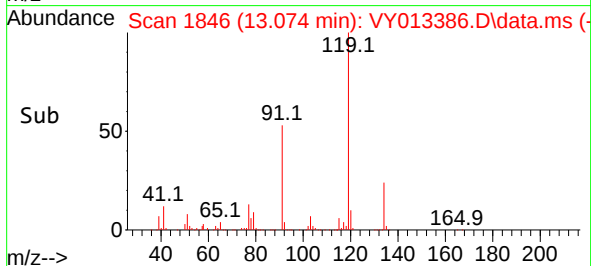
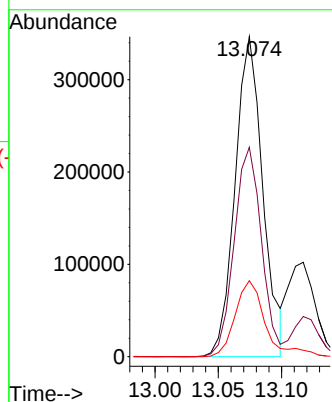
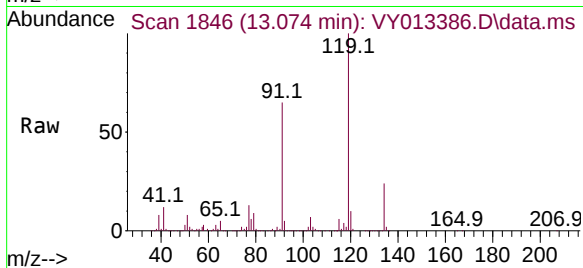
Tgt Ion:119 Resp: 529294

Ion Ratio Lower Upper

119 100

91 64.4 32.2 96.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.660 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013386.D

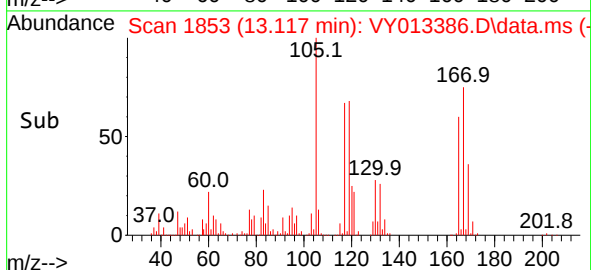
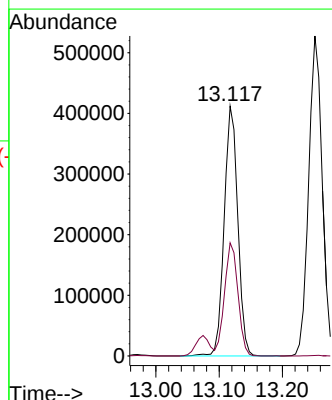
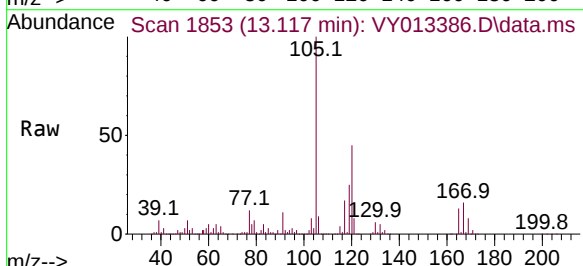
Acq: 21 Apr 2023 17:11

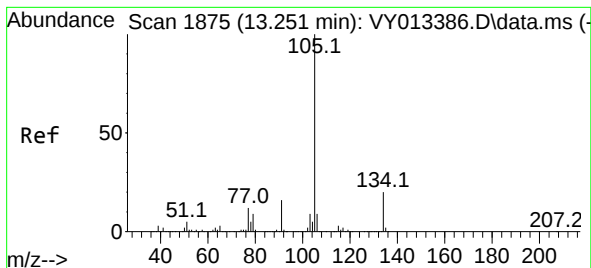
Tgt Ion:105 Resp: 612622

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.192 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

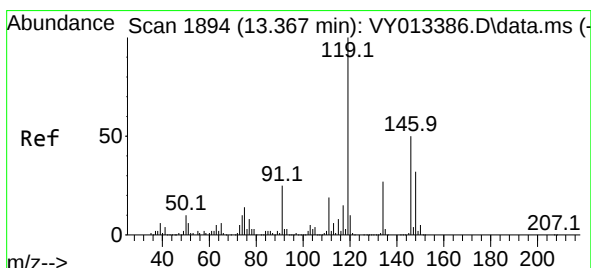
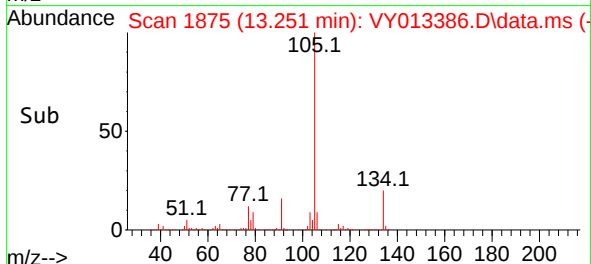
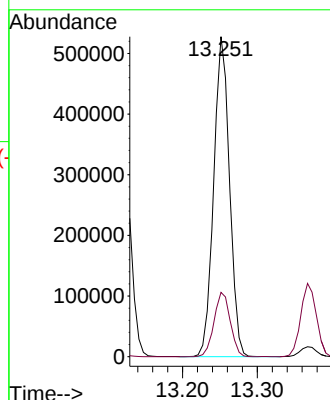
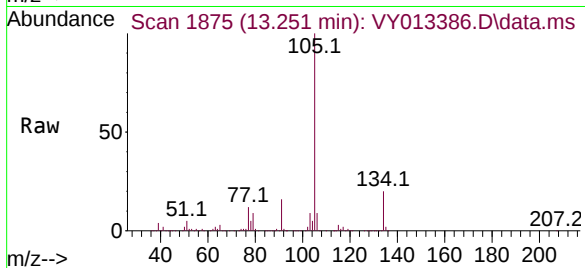
VSTDICCC050

Tgt Ion:105 Resp: 776892

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 53.430 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

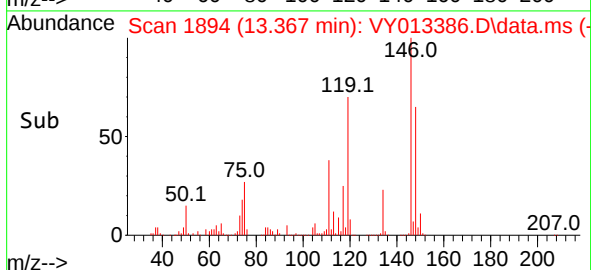
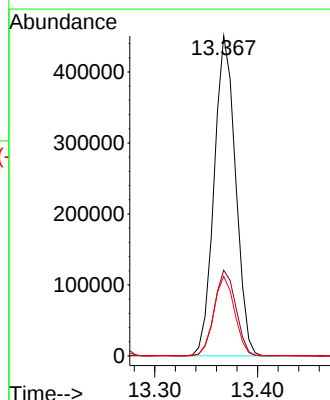
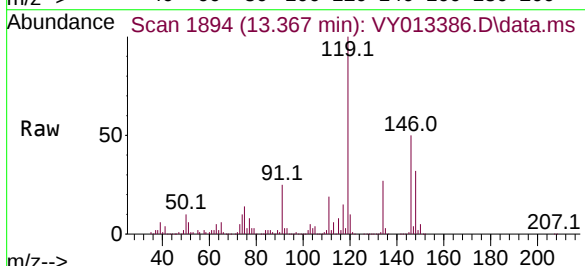
Tgt Ion:119 Resp: 651771

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.2 12.1 36.3

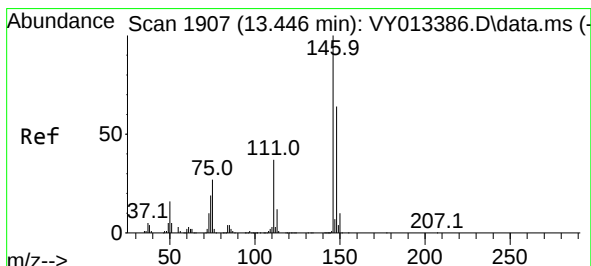
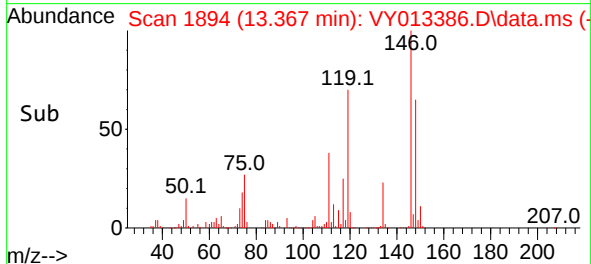
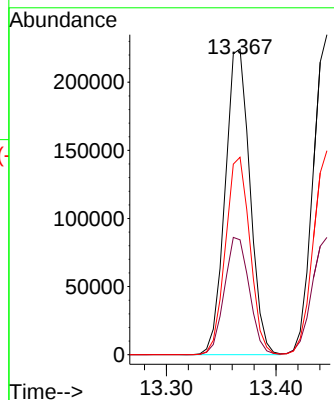
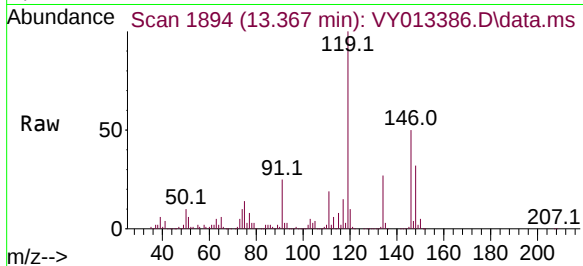




#87
1,3-Dichlorobenzene
Concen: 51.719 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

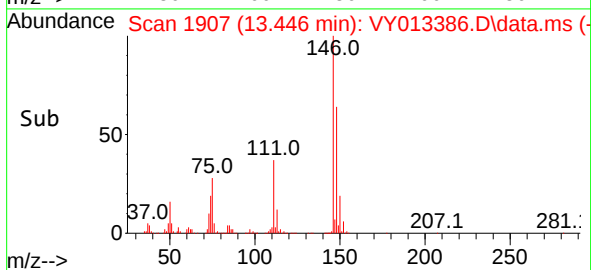
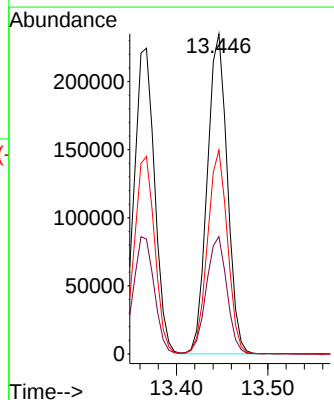
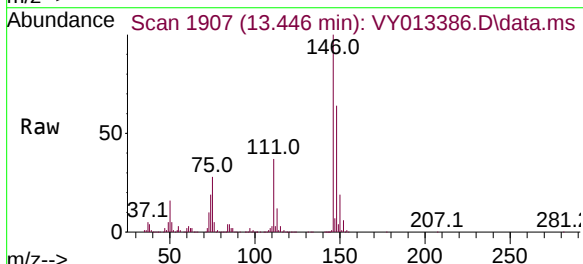
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

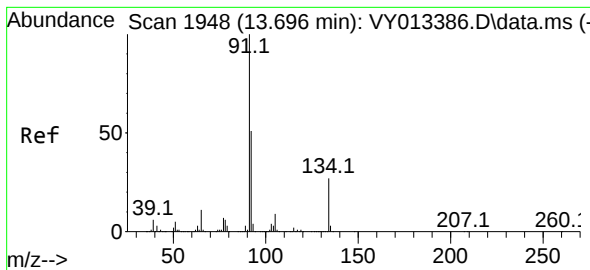
Tgt Ion:146 Resp: 352230
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.898 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion:146 Resp: 357438
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.5
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 53.368 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

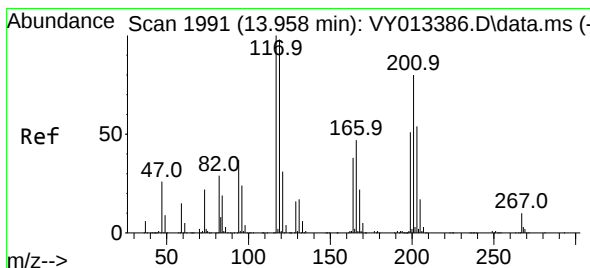
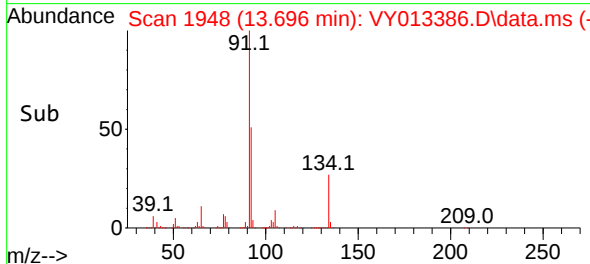
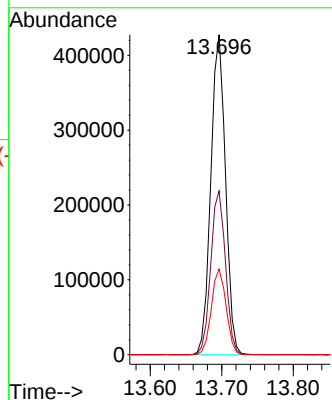
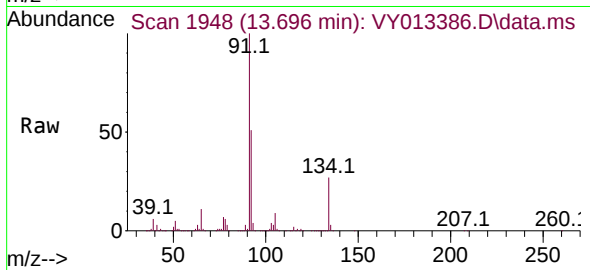
Tgt Ion: 91 Resp: 608754

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 50.391 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013386.D

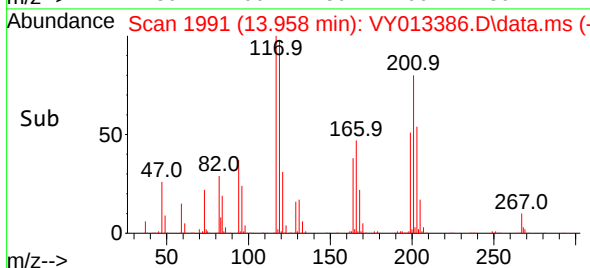
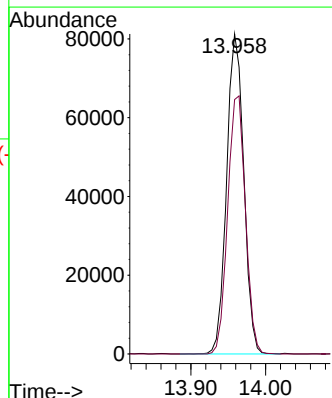
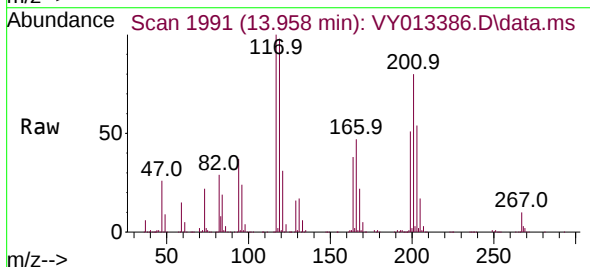
Acq: 21 Apr 2023 17:11

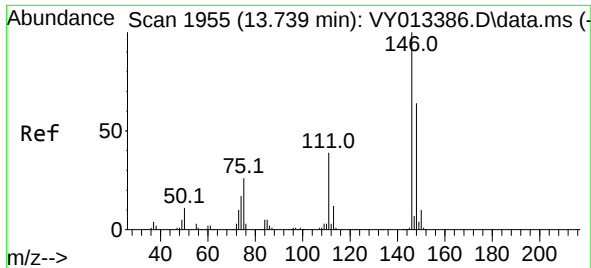
Tgt Ion: 117 Resp: 129718

Ion Ratio Lower Upper

117 100

201 83.2 41.6 124.8

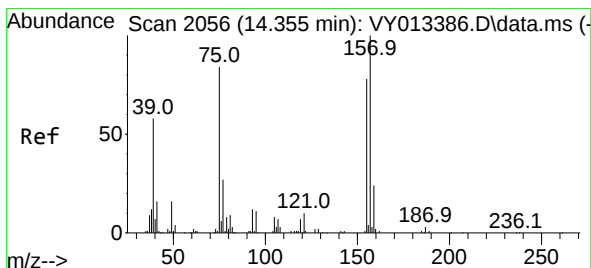
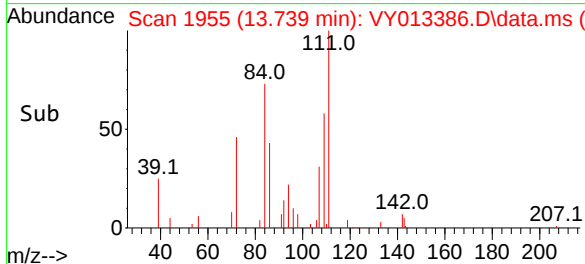
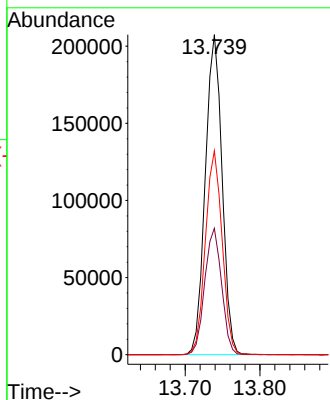
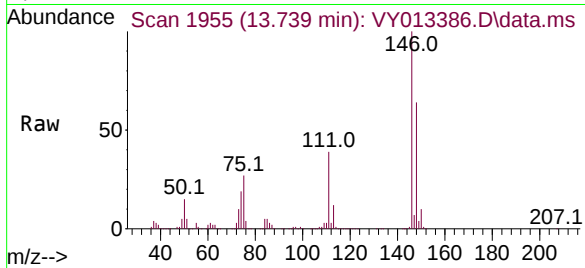




#91
1,2-Dichlorobenzene
Concen: 51.499 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

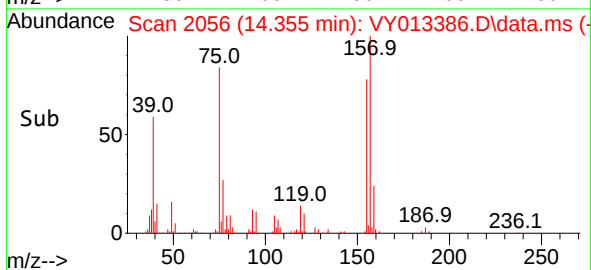
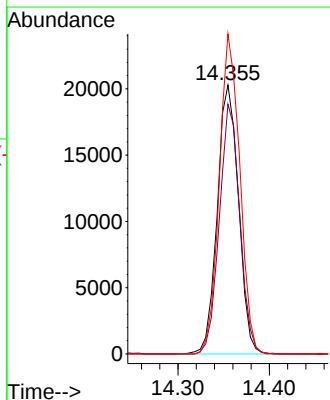
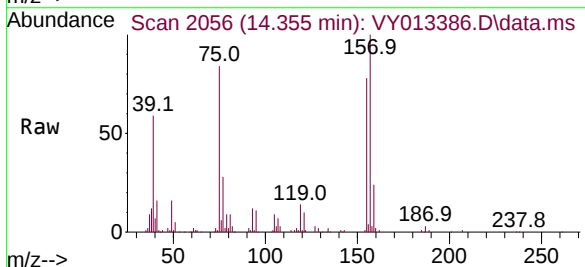
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

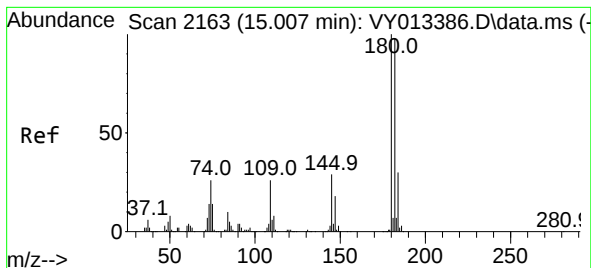
Tgt Ion:146 Resp: 324341
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.4
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.396 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013386.D
Acq: 21 Apr 2023 17:11

Tgt Ion: 75 Resp: 32711
Ion Ratio Lower Upper
75 100
155 89.3 44.6 134.0
157 115.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 54.092 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

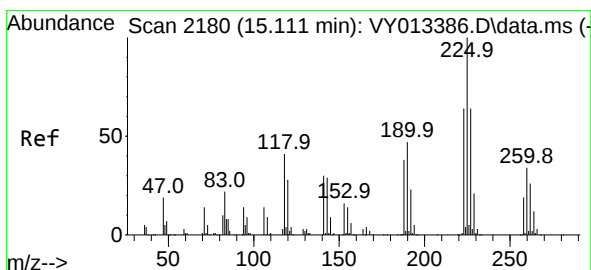
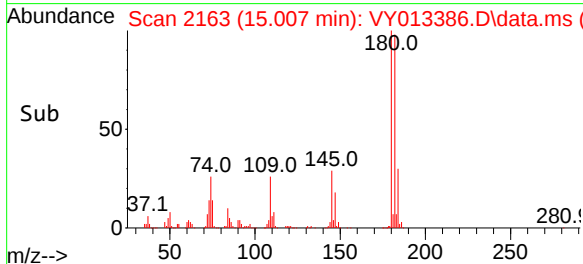
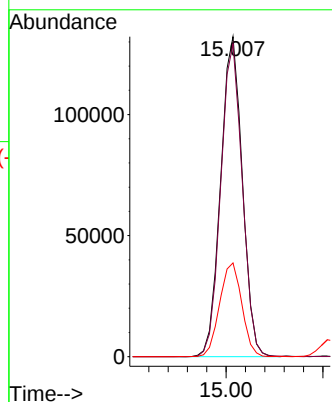
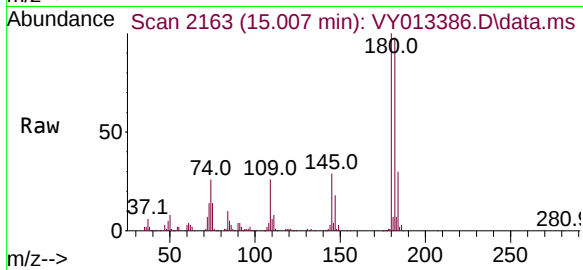
Tgt Ion:180 Resp: 205191

Ion Ratio Lower Upper

180 100

182 97.0 48.5 145.5

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 50.281 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

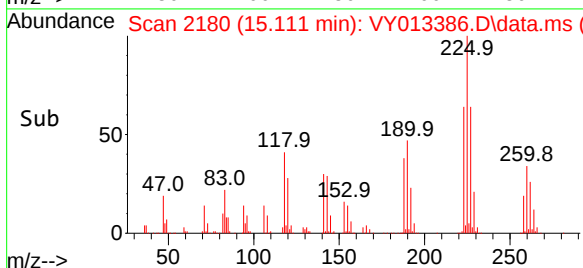
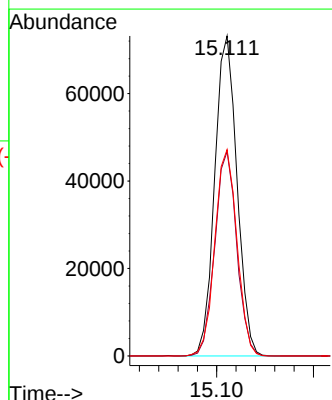
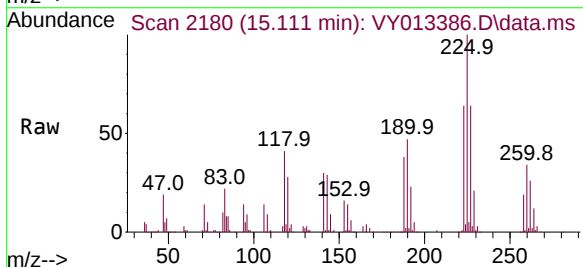
Tgt Ion:225 Resp: 116859

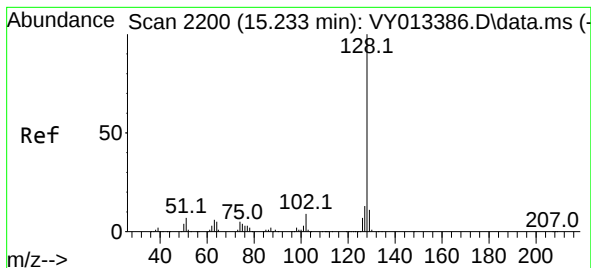
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 64.0 32.0 96.0





#95

Naphthalene

Concen: 57.533 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

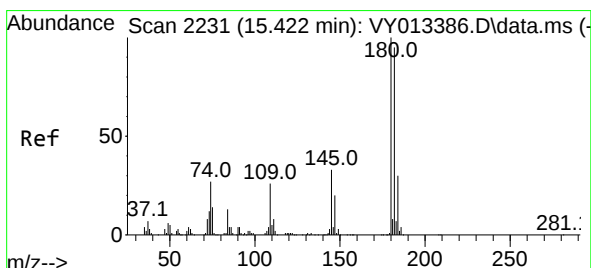
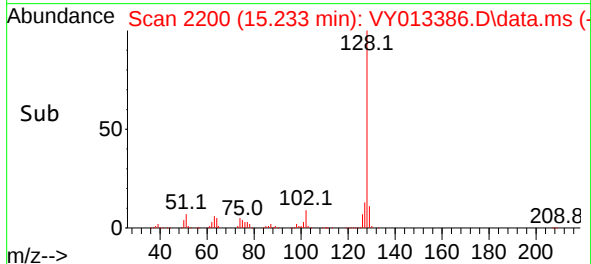
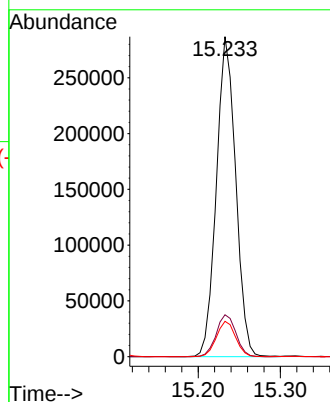
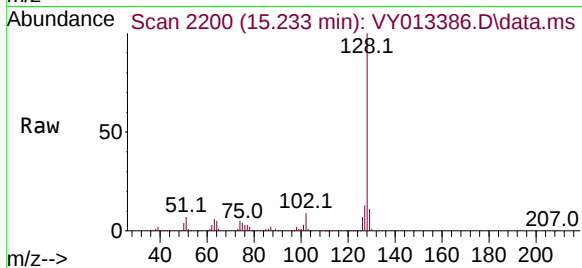
Tgt Ion:128 Resp: 468238

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.479 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013386.D

Acq: 21 Apr 2023 17:11

Tgt Ion:180 Resp: 188199

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 31.8 15.9 47.7

