

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015846.D
 Acq On : 05 Oct 2023 13:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 06 05:05:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 04:55:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	203570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	301623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94400	47.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.260%
35) Dibromofluoromethane	7.716	113	89770	47.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.500%
50) Toluene-d8	10.179	98	311254	50.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.483	95	121530	48.205	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53557	57.208	ug/l	97
3) Chloromethane	2.113	50	60675	58.320	ug/l	99
4) Vinyl Chloride	2.247	62	77046	58.797	ug/l	95
5) Bromomethane	2.637	94	59521	66.949	ug/l	98
6) Chloroethane	2.784	64	56233	60.080	ug/l	93
7) Trichlorofluoromethane	3.119	101	136796	53.807	ug/l	99
8) Diethyl Ether	3.527	74	57389	51.776	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	90408	54.557	ug/l	95
10) Methyl Iodide	4.082	142	89098	55.889	ug/l	96
11) Tert butyl alcohol	4.954	59	125625	296.889	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	74871	56.496	ug/l	93
13) Acrolein	3.722	56	34203	221.359	ug/l	99
14) Allyl chloride	4.472	41	134474	53.822	ug/l	93
15) Acrylonitrile	5.155	53	201335	232.857	ug/l	99
16) Acetone	3.942	43	233462	224.996	ug/l #	88
17) Carbon Disulfide	4.186	76	124265	57.330	ug/l	99
18) Methyl Acetate	4.472	43	169067	50.064	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	314992	50.287	ug/l	100
20) Methylene Chloride	4.710	84	117880	53.761	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	85065	55.724	ug/l	97
22) Diisopropyl ether	6.118	45	333476	51.401	ug/l #	90
23) Vinyl Acetate	6.057	43	962820	245.192	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	181513	52.686	ug/l	97
25) 2-Butanone	6.984	43	325332	227.935	ug/l	95
26) 2,2-Dichloropropane	6.978	77	161998	50.601	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	115740	52.450	ug/l	95
28) Bromochloromethane	7.332	49	100069	49.668	ug/l	93
29) Tetrahydrofuran	7.344	42	193285	242.694	ug/l	93
30) Chloroform	7.502	83	198981	51.630	ug/l	96
31) Cyclohexane	7.783	56	121130	53.656	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	166278	52.776	ug/l	98
36) 1,1-Dichloropropene	7.917	75	126941	56.010	ug/l	99
37) Ethyl Acetate	7.069	43	119204	47.000	ug/l	96
38) Carbon Tetrachloride	7.899	117	145149	54.467	ug/l	97
39) Methylcyclohexane	9.185	83	140164	57.827	ug/l	94
40) Benzene	8.161	78	389467	54.764	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	169093	142.652	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	130510	50.968	ug/l	94
43) Isopropyl Acetate	8.270	43	212261	48.623	ug/l	97
44) Trichloroethene	8.935	130	112178	53.897	ug/l	97
45) 1,2-Dichloropropane	9.215	63	111113	52.822	ug/l	98
46) Dibromomethane	9.307	93	68271	50.766	ug/l	96
47) Bromodichloromethane	9.496	83	160970	51.566	ug/l	98
48) Methyl methacrylate	9.289	41	92294	48.407	ug/l	89
49) 1,4-Dioxane	9.295	88	27829	923.797	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	657878	240.901	ug/l	92
52) Toluene	10.240	92	253263	54.429	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	168736	51.516	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	179957	51.754	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	103569	49.021	ug/l	99
56) Ethyl methacrylate	10.508	69	156982	51.246	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	170262	50.408	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	442337	247.818	ug/l	95
59) 2-Hexanone	10.831	43	500722	236.288	ug/l	90
60) Dibromochloromethane	10.983	129	122905	50.366	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97741	49.504	ug/l	99
64) Tetrachloroethene	10.721	164	120625	56.896	ug/l	96
65) Chlorobenzene	11.514	112	292316	52.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	119110	51.934	ug/l	99
67) Ethyl Benzene	11.593	91	515049	53.947	ug/l	98
68) m/p-Xylenes	11.703	106	390983	107.731	ug/l	96
69) o-Xylene	12.026	106	196125	54.330	ug/l	97
70) Styrene	12.044	104	341207	54.143	ug/l	97
71) Bromoform	12.209	173	85751	50.142	ug/l #	100
73) Isopropylbenzene	12.331	105	535788	53.452	ug/l	99
74) N-amyl acetate	12.142	43	191416	49.419	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	140339	47.397	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	185460	80.964	ug/l #	100
77) Bromobenzene	12.605	156	128436	51.795	ug/l	95
78) n-propylbenzene	12.672	91	647774	53.953	ug/l	100
79) 2-Chlorotoluene	12.757	91	367280	53.121	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	447759	53.601	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	48061	48.570	ug/l	93
82) 4-Chlorotoluene	12.855	91	380374	52.564	ug/l	99
83) tert-Butylbenzene	13.074	119	404889	53.025	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	449646	53.579	ug/l	100
85) sec-Butylbenzene	13.251	105	604200	53.933	ug/l	100
86) p-Isopropyltoluene	13.367	119	499670	53.560	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	255533	51.468	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	254300	50.659	ug/l	99
89) n-Butylbenzene	13.696	91	475946	53.615	ug/l	97
90) Hexachloroethane	13.958	117	96413	52.947	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	239799	51.285	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27111	45.632	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	148972	48.950	ug/l	99
94) Hexachlorobutadiene	15.111	225	79174	49.929	ug/l	98
95) Naphthalene	15.233	128	370440	45.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	134120	47.036	ug/l	99

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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

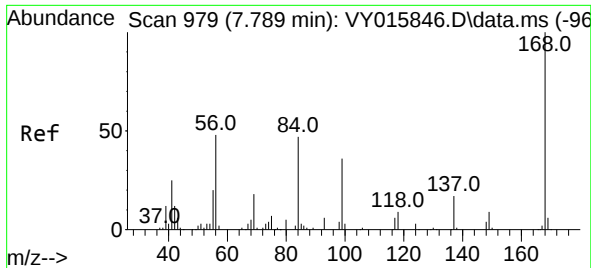
TIC: VY015846.D\data.ms

Abundance

Time-->

Chemical compounds identified (from left to right):

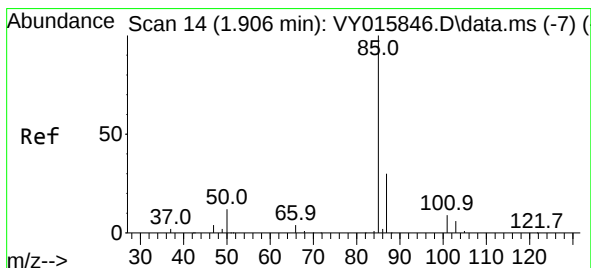
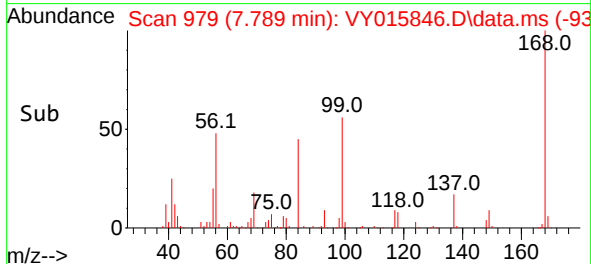
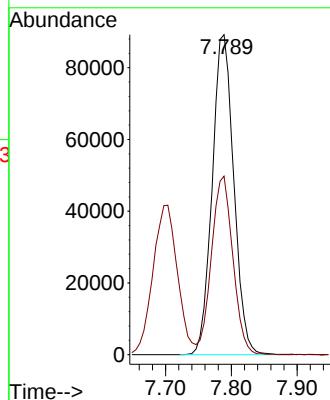
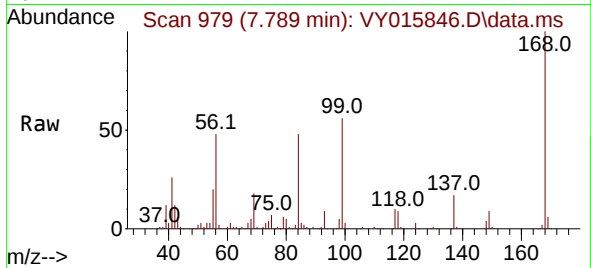
- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- Acetone, T
- Methyl iodide, T
- Carbon Disulfide, T
- Methyl acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- Methyl 2-(dimethylamino)acetate, T
- 1,1-Dichloroethane, P
- Isopropyl ethyl Acetate, T
- Ethyl Acetate, T
- 2,3-Dichloropropane, T
- trans-1,2-Dichloroethane, T
- Chloroform, C
- Dibromochloromethane, T
- 1,1-Dichloroethane, I
- Ochloropropane, I
- 1,2-Dichloropropane, TM
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 2-Methyl-2-butanol, T
- N-methylpyrrolidone, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- Toluene-d8, S
- Toluene, CM
- Ethyl chloroacetate, T
- 1,1,2-Trichloroethane, T
- 1,3-Dichloropropane, T
- 1,2-Dibromoethane, I
- Dibromodichloromethane, T
- Chlorobenzene, TM
- 1-Ethyl-2-chloroethane, T
- n-Propylbenzene, T
- Isopropylbenzene, T
- Bromobenzene, T
- 1,2,4-Trinitrobenzene, T
- sec-Butylbenzene, T
- tert-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- 1,2,4-Tribromobenzene, T
- Hexachlorocyclopentadiene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobenzene, I
- 1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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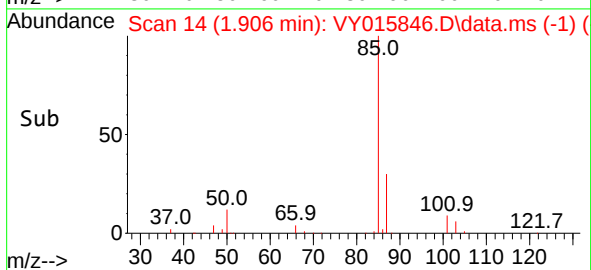
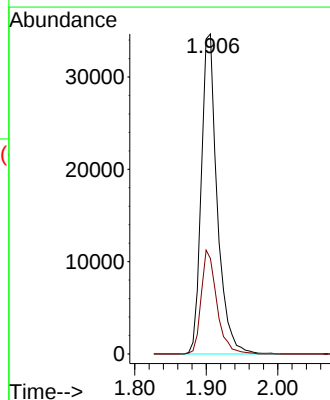
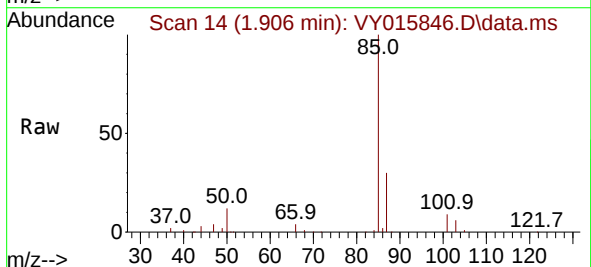
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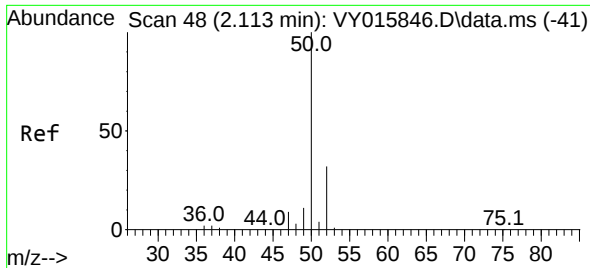
Tgt Ion:168 Resp: 203570
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 57.208 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 85 Resp: 53557
Ion Ratio Lower Upper
85 100
87 29.8 15.6 46.8

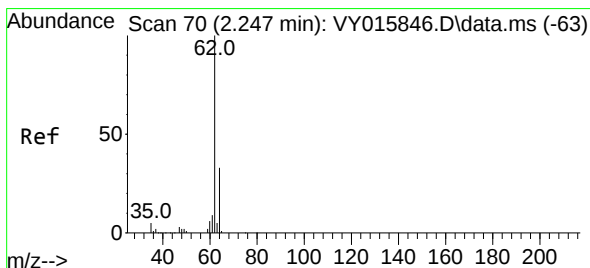
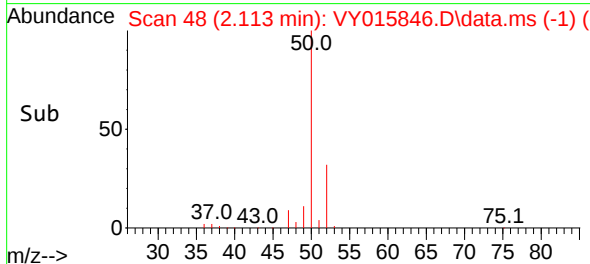
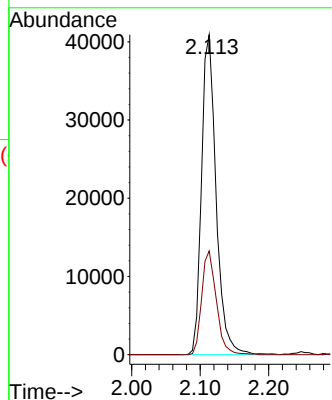
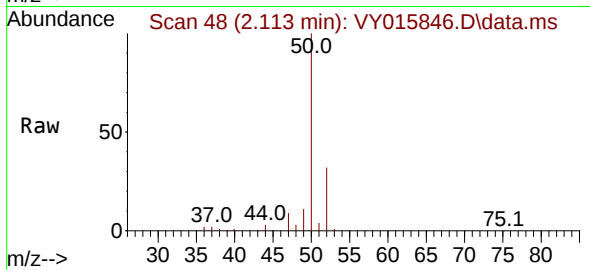




#3
Chloromethane
Concen: 58.320 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

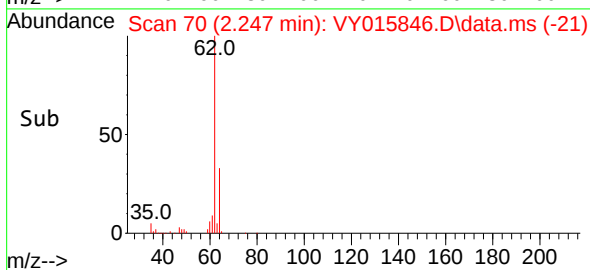
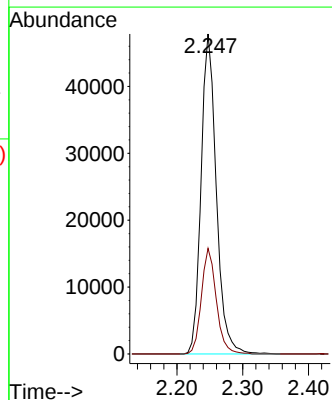
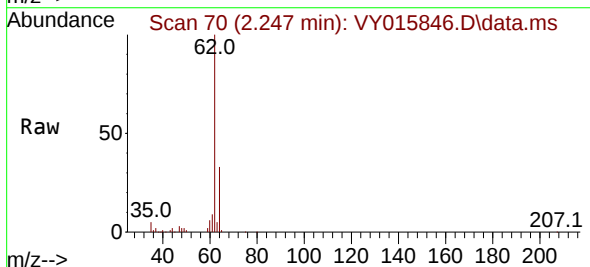
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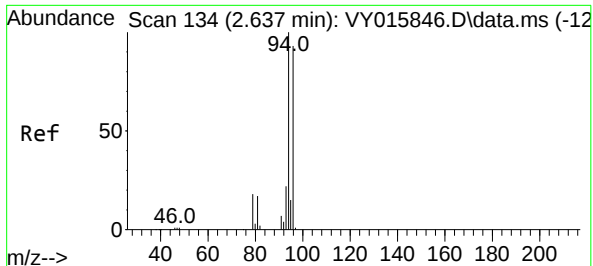
Tgt Ion: 50 Resp: 60675
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 58.797 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 62 Resp: 77046
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5

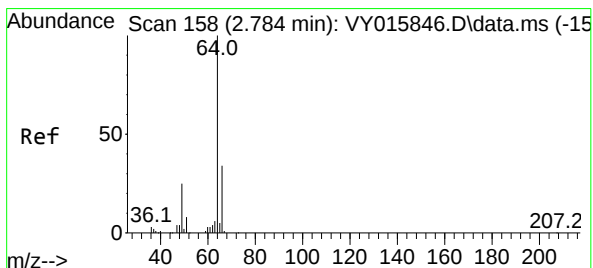
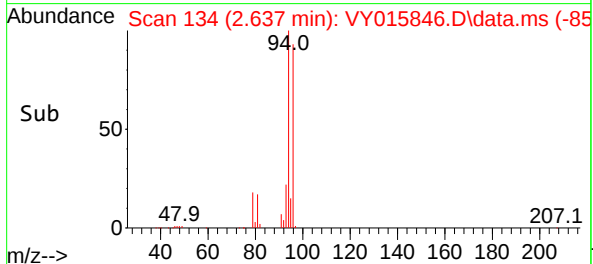
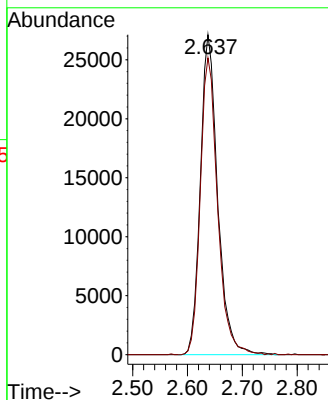
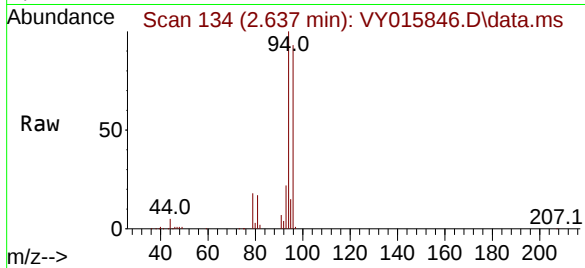




#5
Bromomethane
Concen: 66.949 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
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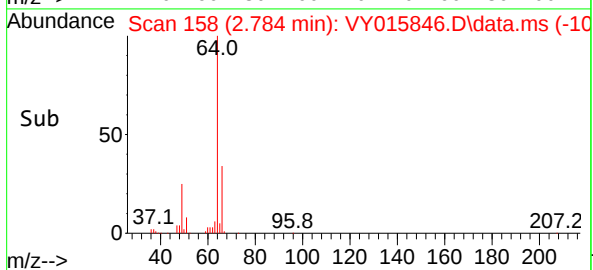
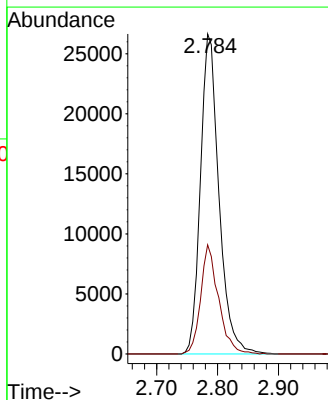
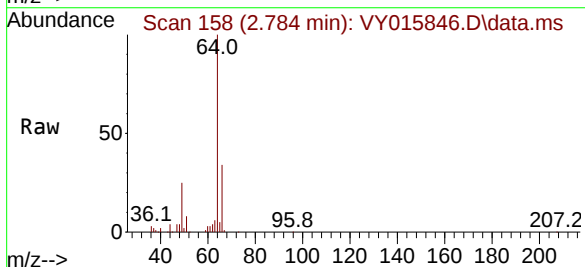
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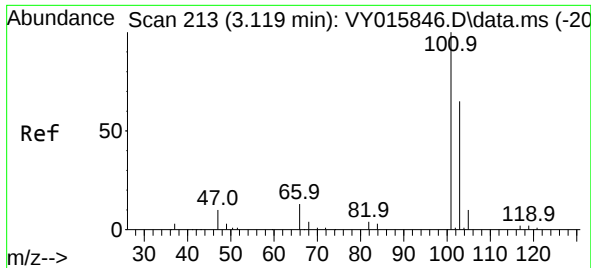
Tgt Ion: 94 Resp: 59521
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6



#6
Chloroethane
Concen: 60.080 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 64 Resp: 56233
Ion Ratio Lower Upper
64 100
66 34.1 24.4 36.6

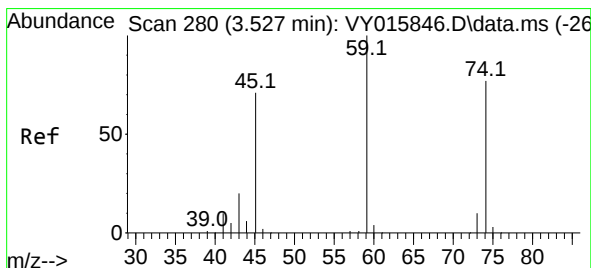
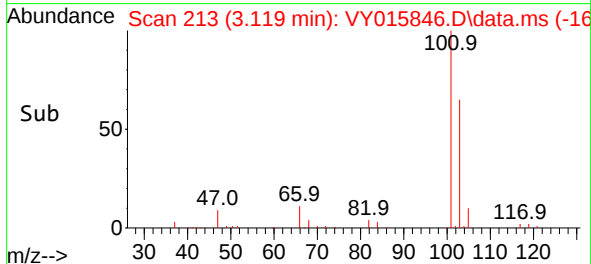
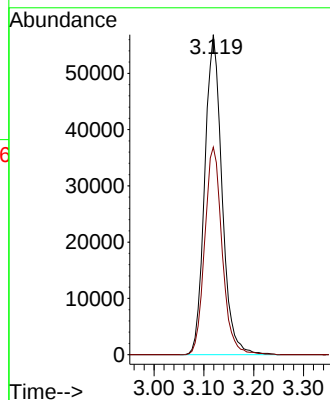
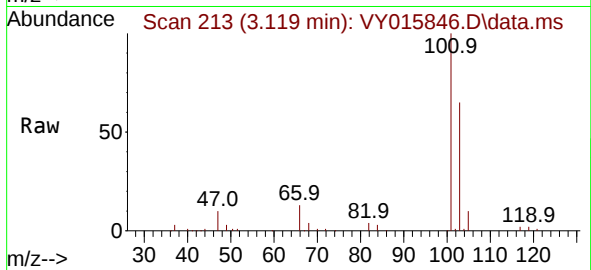




#7
Trichlorofluoromethane
Concen: 53.807 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
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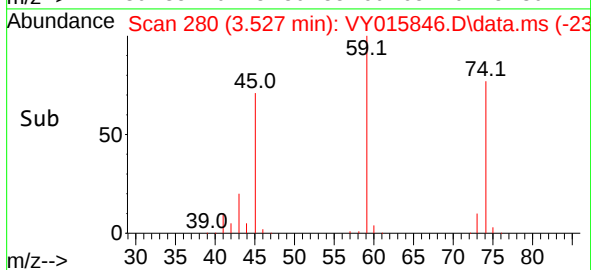
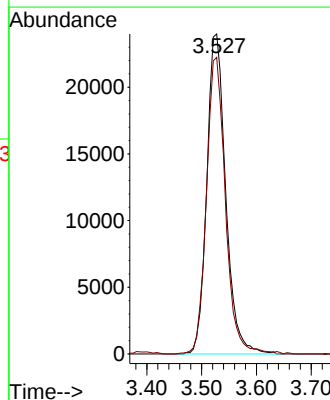
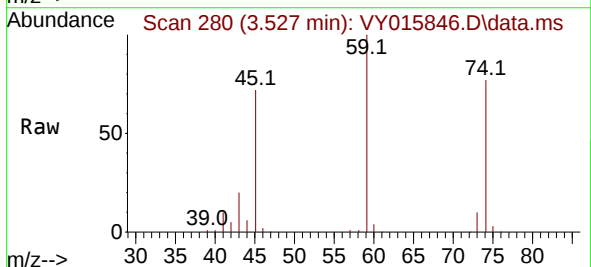
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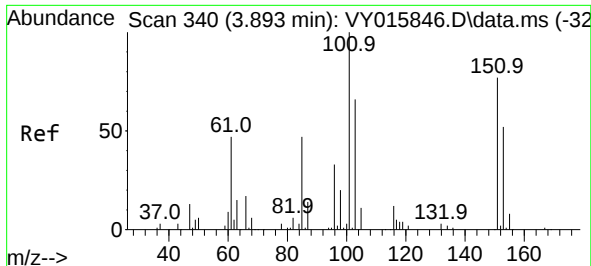
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Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0



#8
Diethyl Ether
Concen: 51.776 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 74 Resp: 57389
Ion Ratio Lower Upper
74 100
45 93.1 51.5 154.5

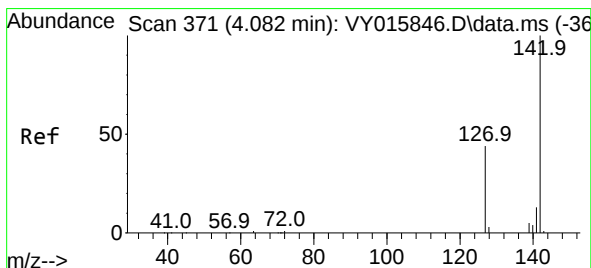
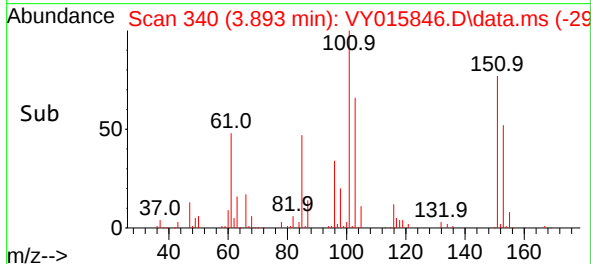
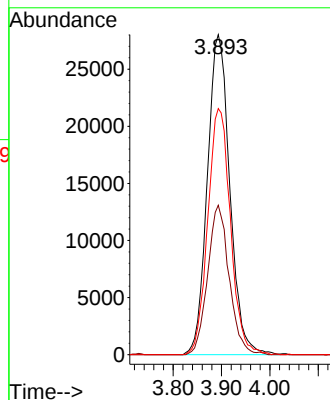
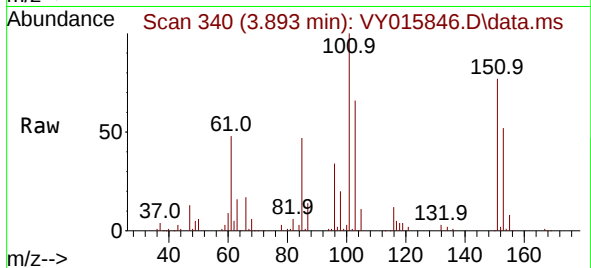




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.557 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

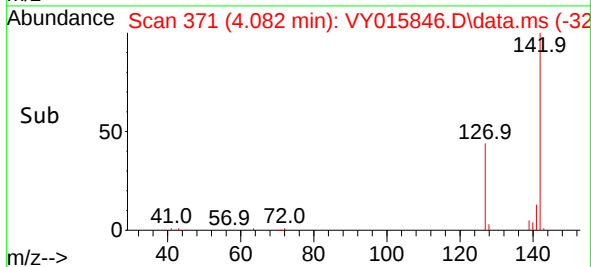
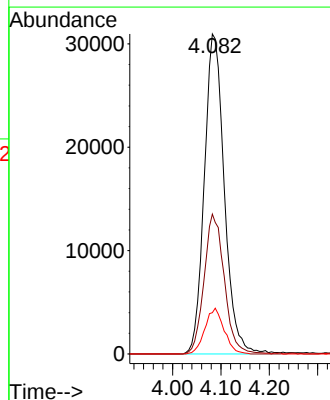
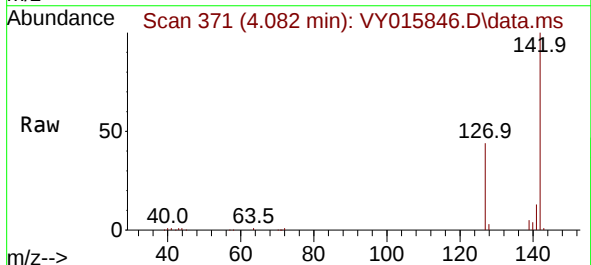
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

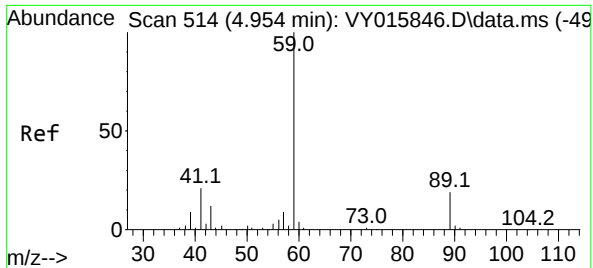
Tgt Ion:101 Resp: 90408
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 77.7 67.0 100.6



#10
Methyl Iodide
Concen: 55.889 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion:142 Resp: 89098
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 13.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 296.889 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

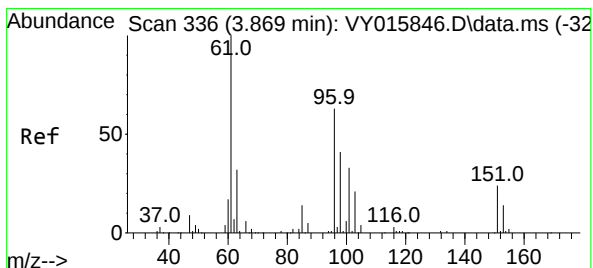
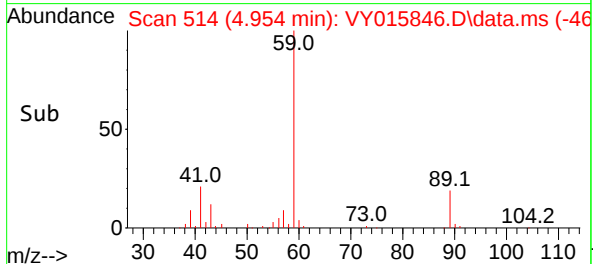
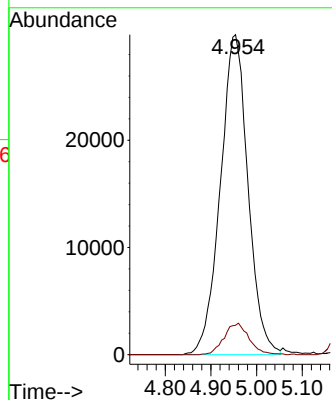
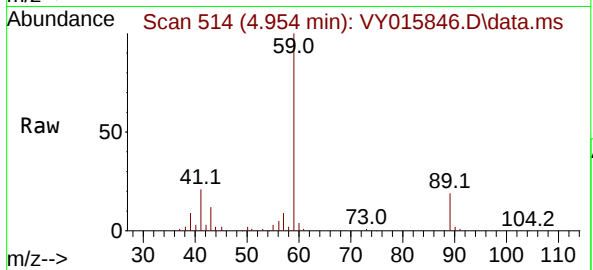
VSTDICCC050

Tgt Ion: 59 Resp: 125625

Ion Ratio Lower Upper

59 100

57 8.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 56.496 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

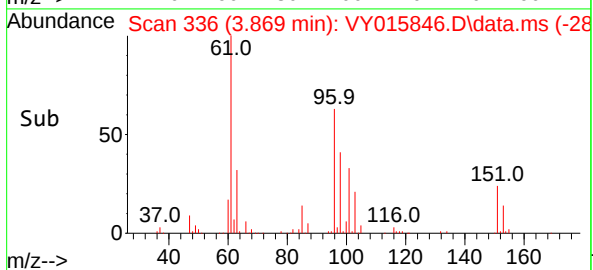
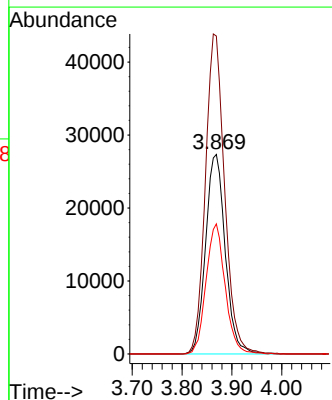
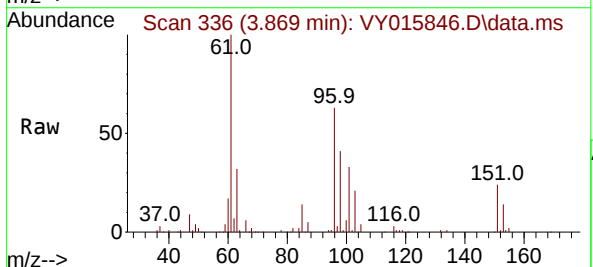
Tgt Ion: 96 Resp: 74871

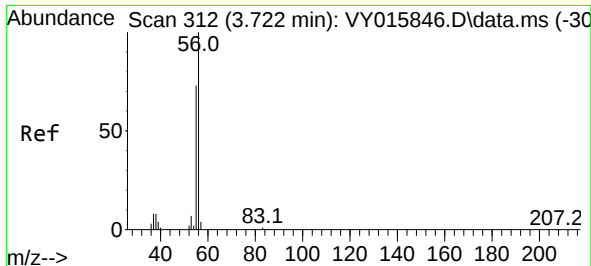
Ion Ratio Lower Upper

96 100

61 159.3 136.4 204.6

98 65.2 49.4 74.2

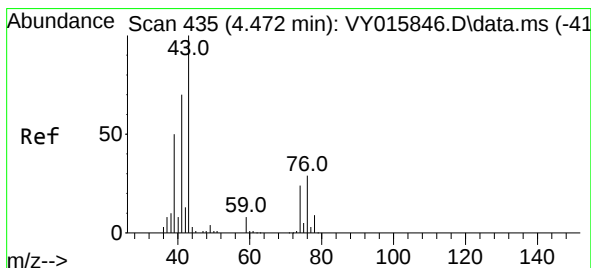
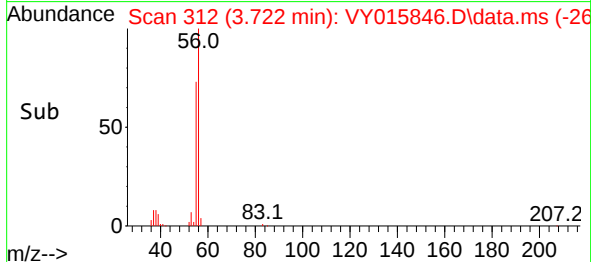
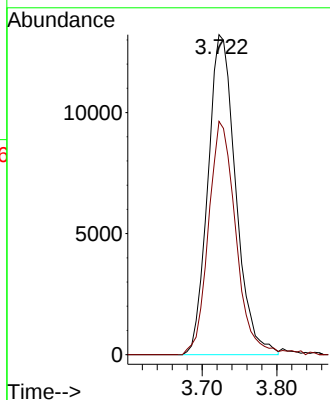
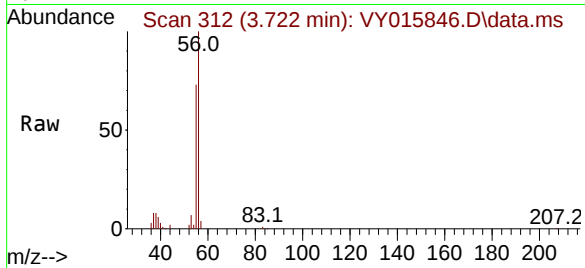




#13
Acrolein
Concen: 221.359 ug/l
RT: 3.722 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

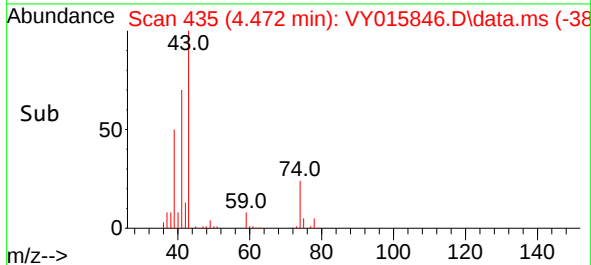
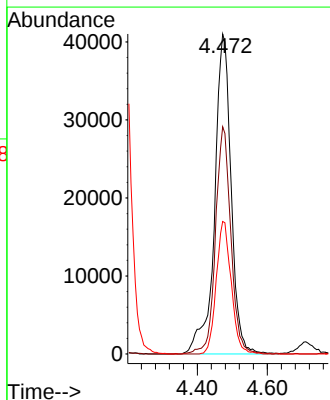
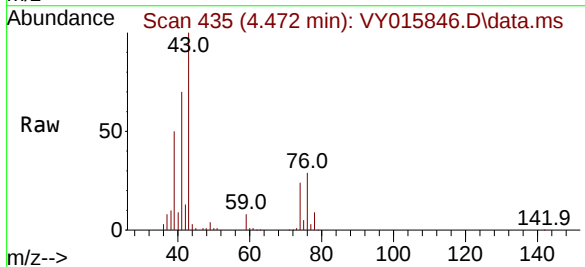
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

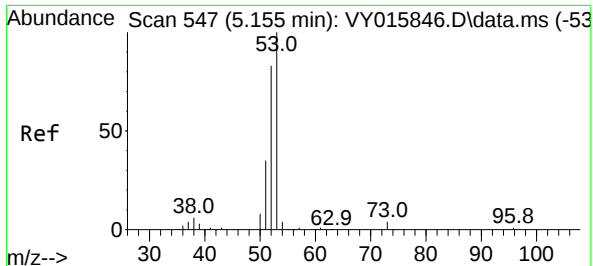
Tgt Ion: 56 Resp: 34203
Ion Ratio Lower Upper
56 100
55 72.3 57.0 85.4



#14
Allyl chloride
Concen: 53.822 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 41 Resp: 134474
Ion Ratio Lower Upper
41 100
39 65.9 58.0 87.0
76 37.5 27.4 41.2





#15

Acrylonitrile

Concen: 232.857 ug/l

RT: 5.155 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

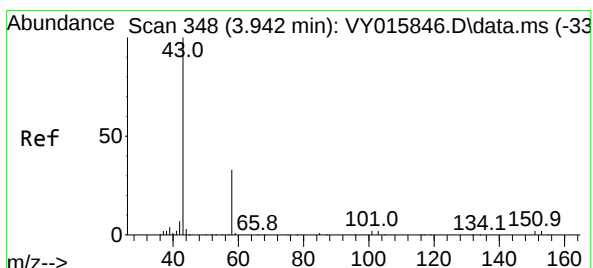
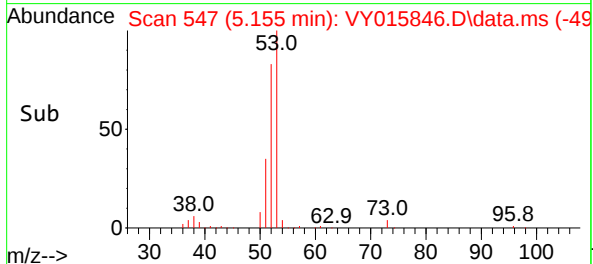
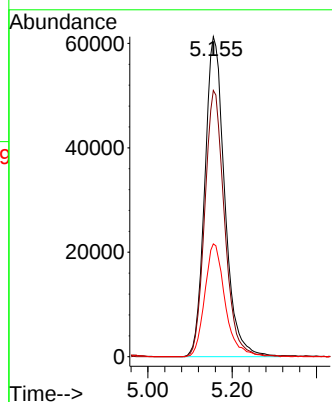
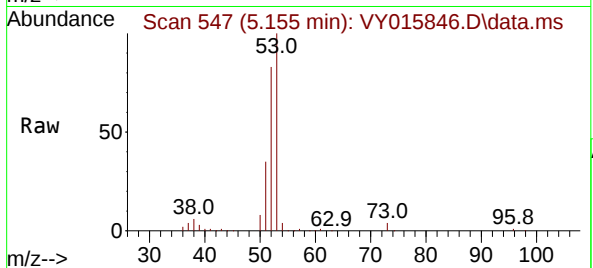
Tgt Ion: 53 Resp: 201335

Ion Ratio Lower Upper

53 100

52 82.5 66.9 100.3

51 36.2 29.8 44.6



#16

Acetone

Concen: 224.996 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY015846.D

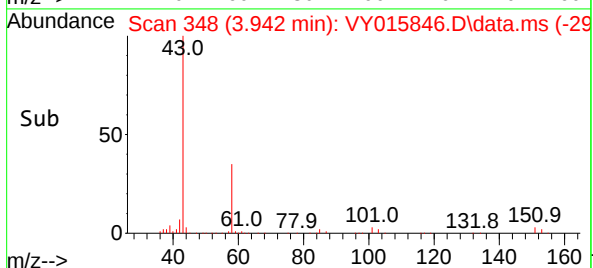
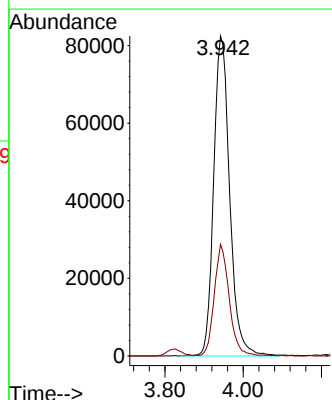
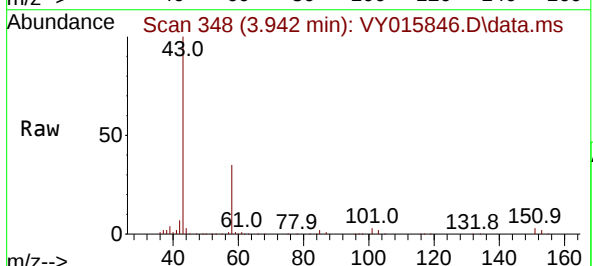
Acq: 05 Oct 2023 13:33

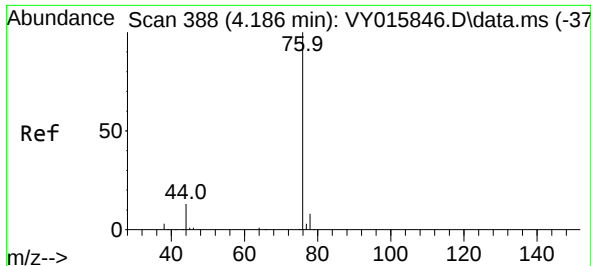
Tgt Ion: 43 Resp: 233462

Ion Ratio Lower Upper

43 100

58 34.7 22.7 34.1#





#17

Carbon Disulfide

Concen: 57.330 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

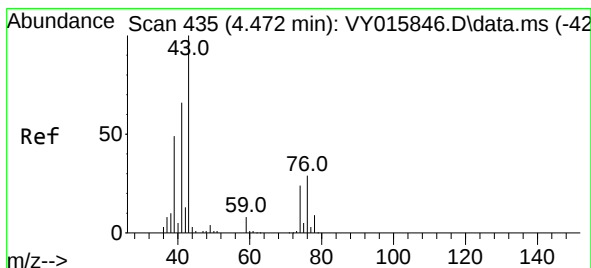
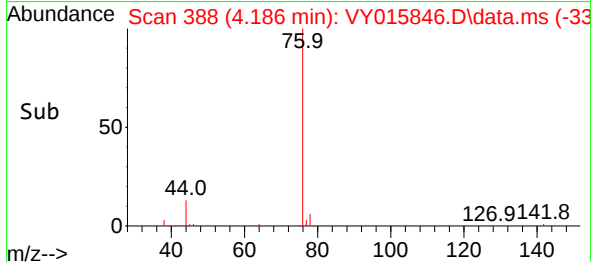
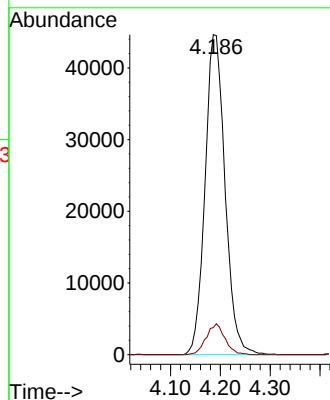
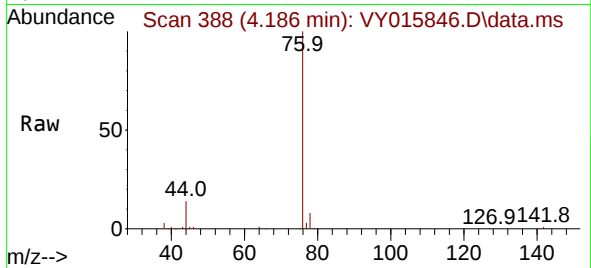
VSTDICCC050

Tgt Ion: 76 Resp: 124265

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



#18

Methyl Acetate

Concen: 50.064 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015846.D

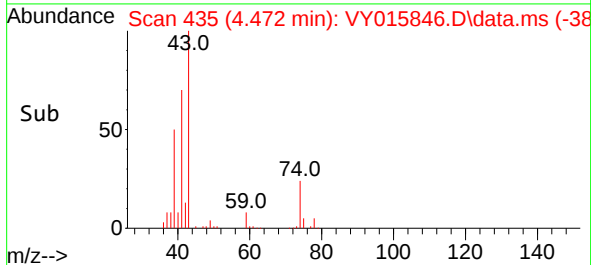
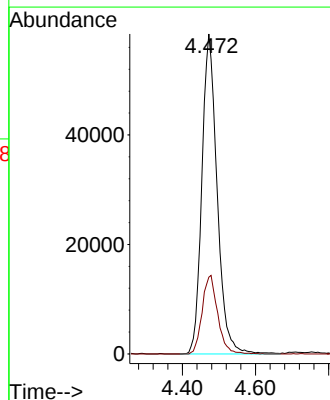
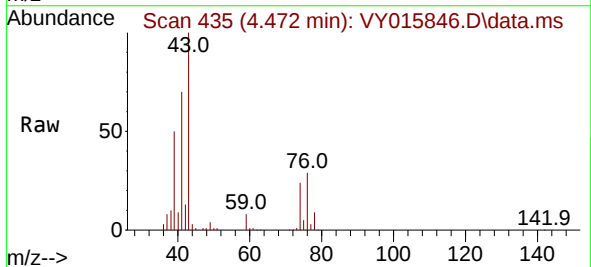
Acq: 05 Oct 2023 13:33

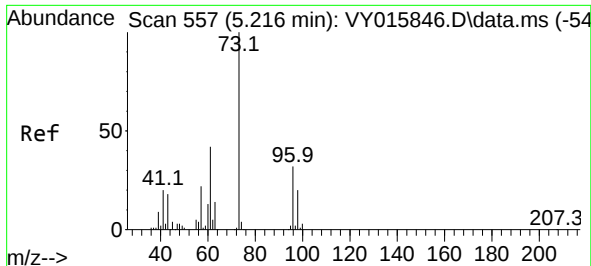
Tgt Ion: 43 Resp: 169067

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0

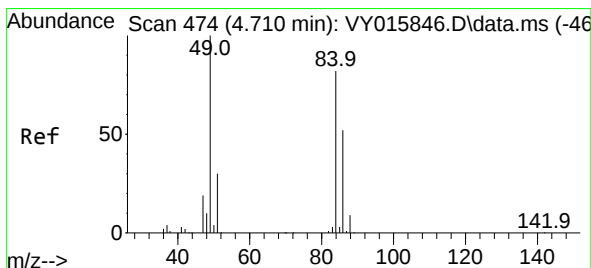
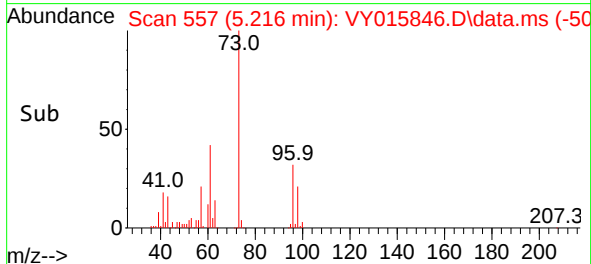
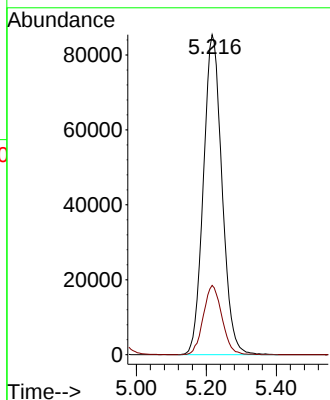
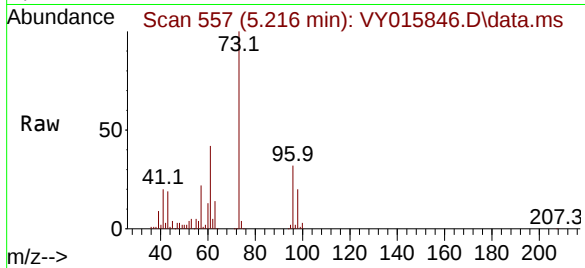




#19
Methyl tert-butyl Ether
Concen: 50.287 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

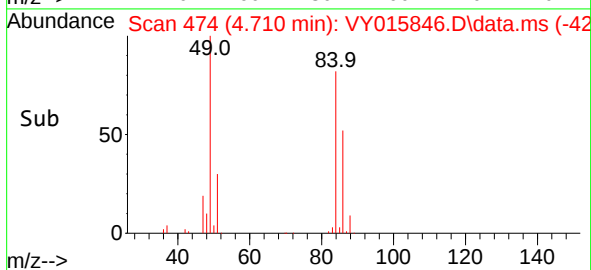
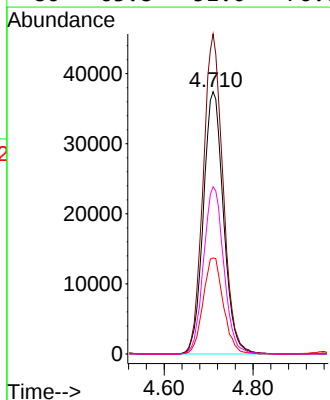
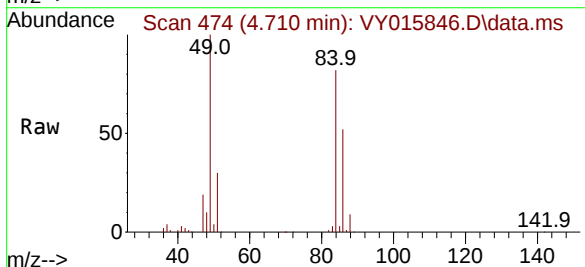
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

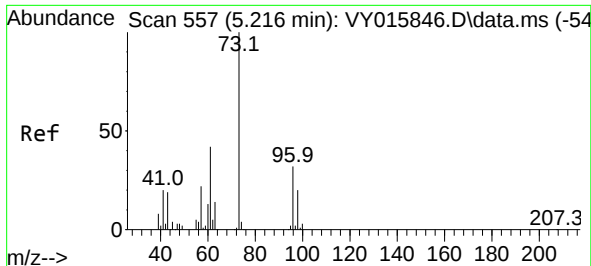
Tgt Ion: 73 Resp: 314992
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 53.761 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 84 Resp: 117880
Ion Ratio Lower Upper
84 100
49 122.0 106.9 160.3
51 36.6 33.2 49.8
86 63.8 51.0 76.6

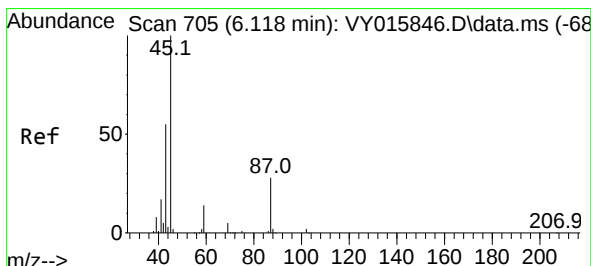
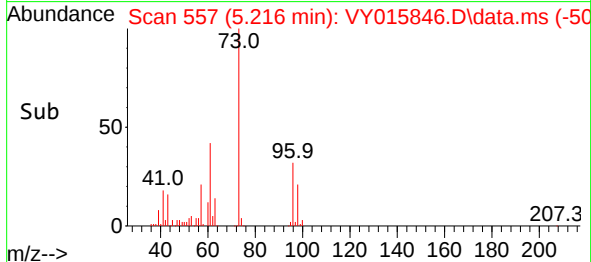
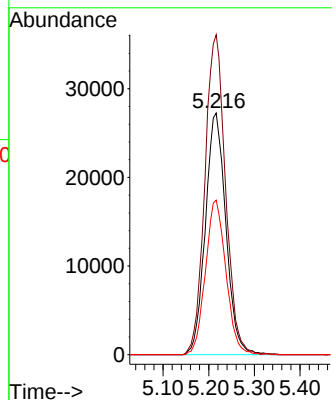
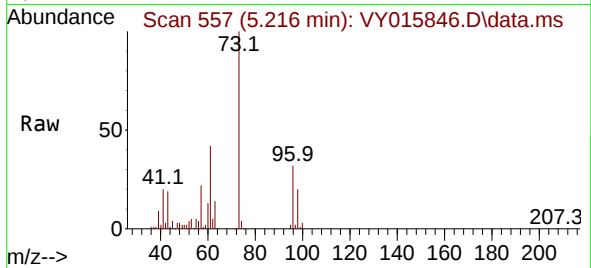




#21
trans-1,2-Dichloroethene
Concen: 55.724 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

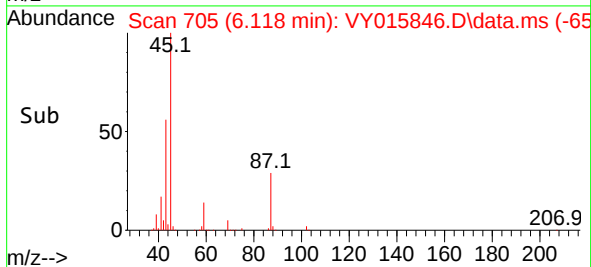
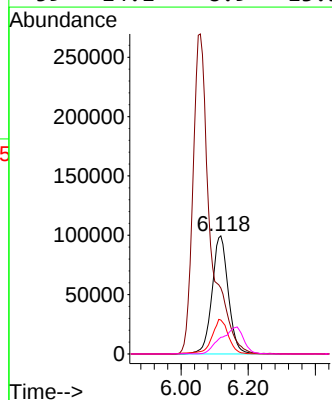
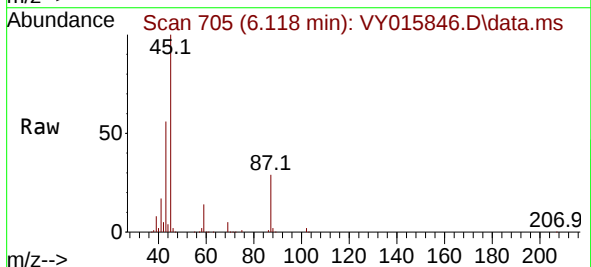
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

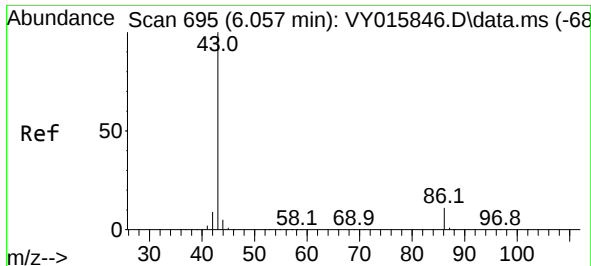
Tgt Ion: 96 Resp: 85065
Ion Ratio Lower Upper
96 100
61 132.4 110.2 165.4
98 64.0 51.8 77.6



#22
Diisopropyl ether
Concen: 51.401 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 45 Resp: 333476
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 28.7 21.0 31.6
59 14.1 8.9 13.3#

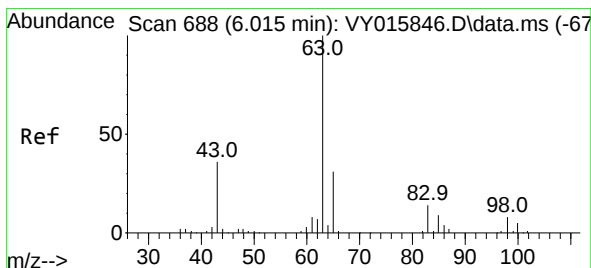
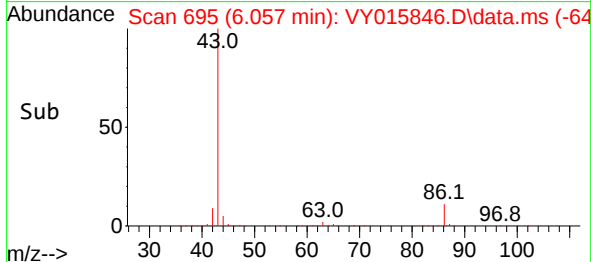
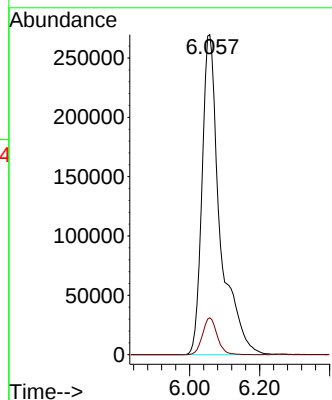
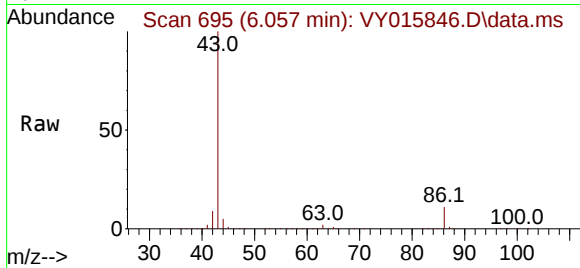




#23
 Vinyl Acetate
 Concen: 245.192 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

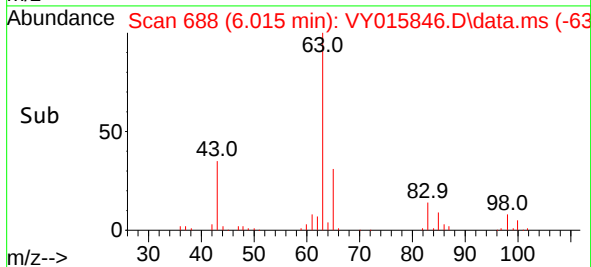
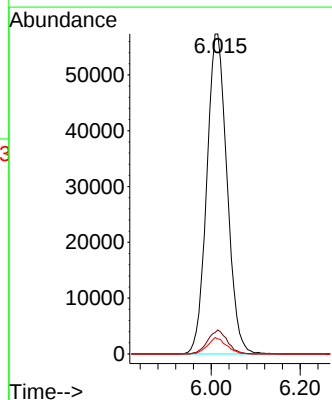
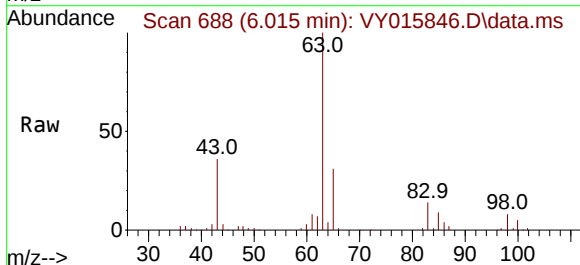
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

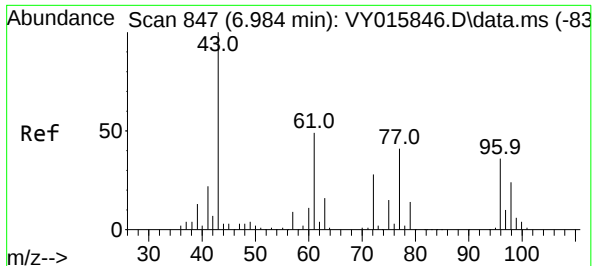
Tgt Ion: 43 Resp: 962820
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.686 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

Tgt Ion: 63 Resp: 181513
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 227.935 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

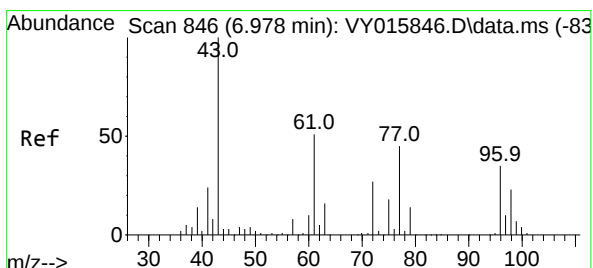
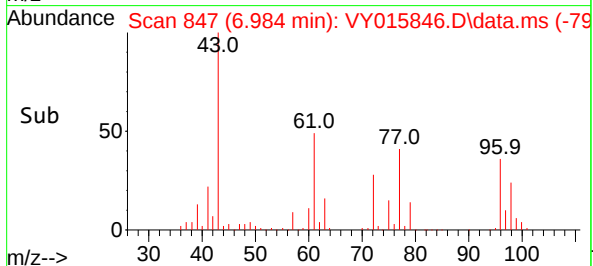
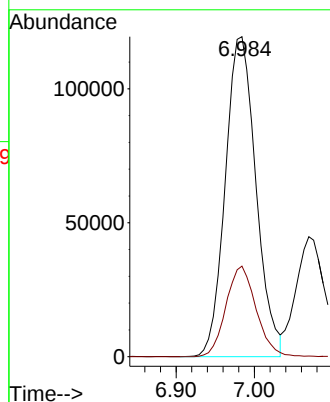
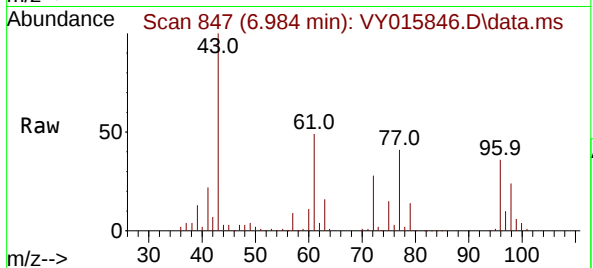
VSTDICCC050

Tgt Ion: 43 Resp: 325332

Ion Ratio Lower Upper

43 100

72 28.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.601 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015846.D

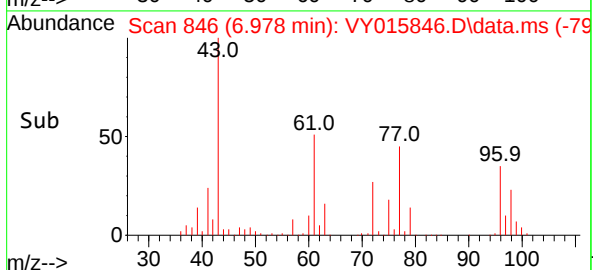
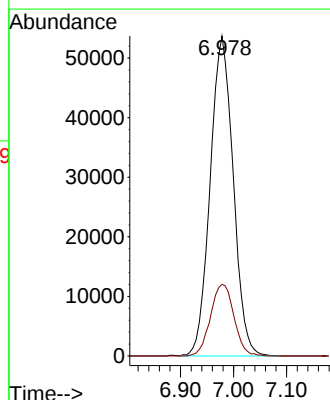
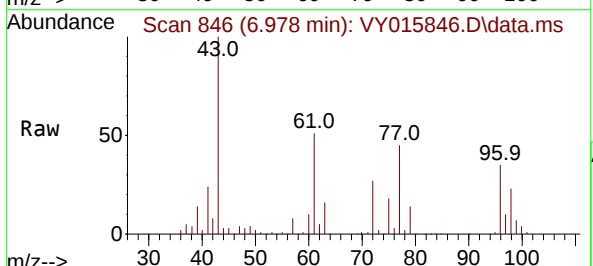
Acq: 05 Oct 2023 13:33

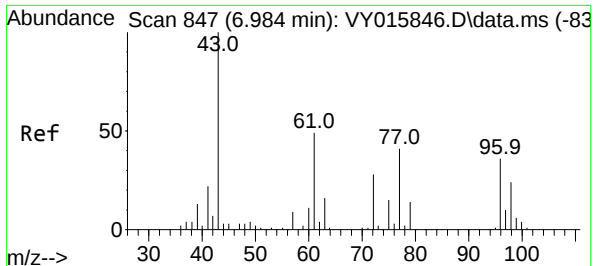
Tgt Ion: 77 Resp: 161998

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9

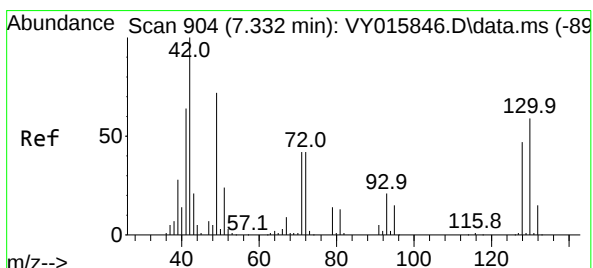
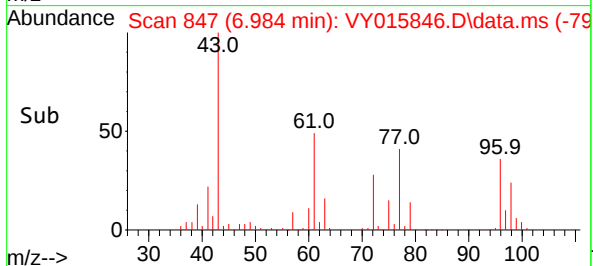
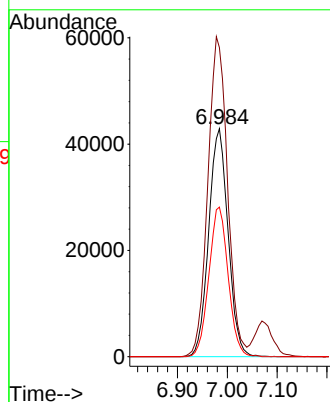
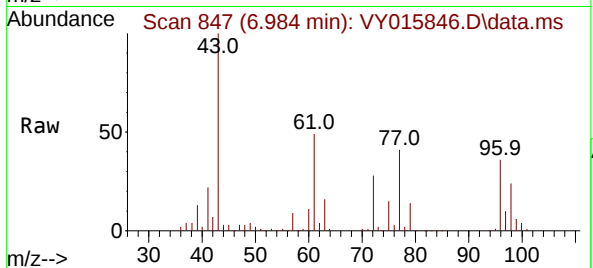




#27
 cis-1,2-Dichloroethene
 Concen: 52.450 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

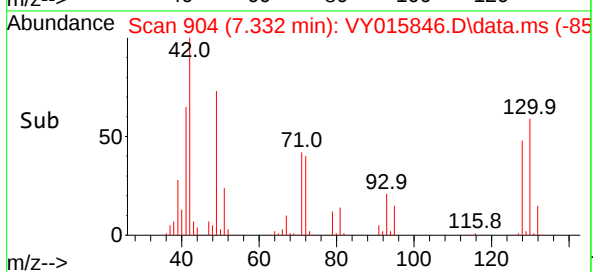
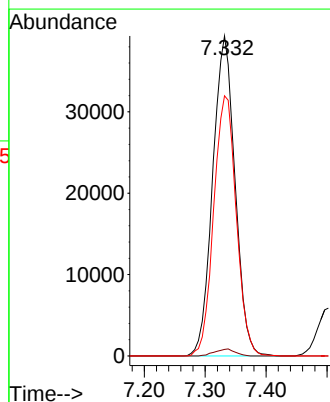
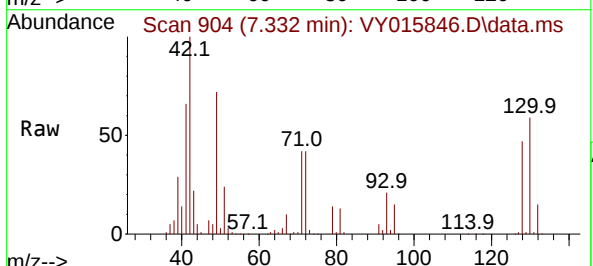
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

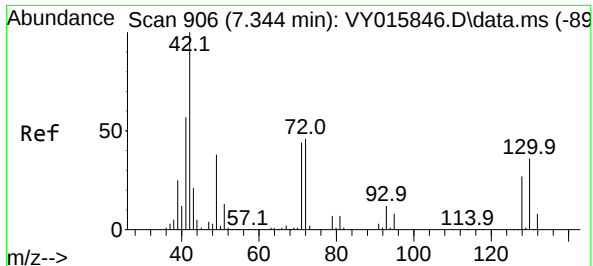
Tgt Ion: 96 Resp: 115740
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 301.4
 98 65.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.668 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

Tgt Ion: 49 Resp: 100069
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 242.694 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

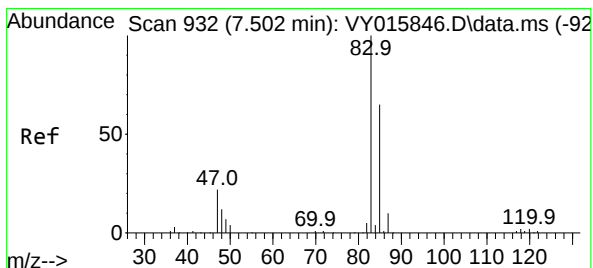
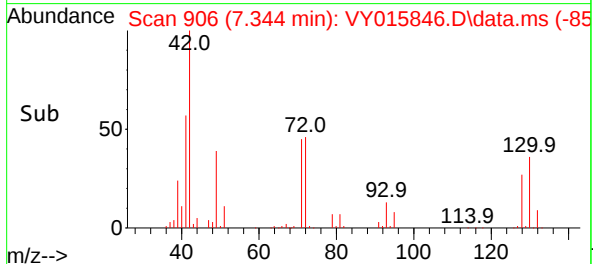
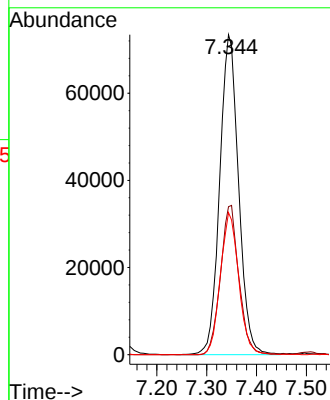
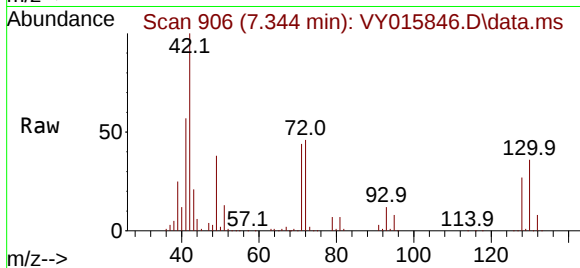
Tgt Ion: 42 Resp: 193285

Ion Ratio Lower Upper

42 100

72 45.3 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 51.630 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015846.D

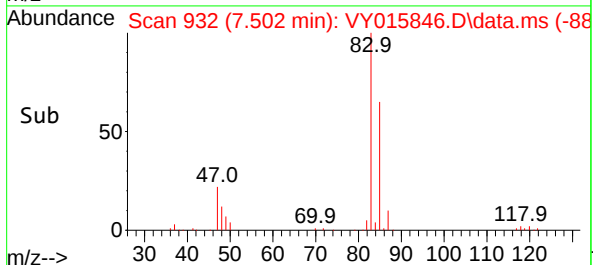
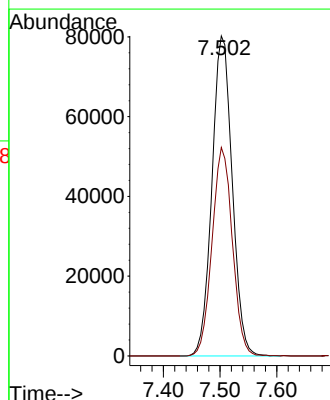
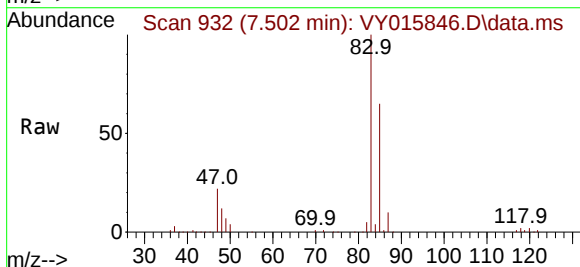
Acq: 05 Oct 2023 13:33

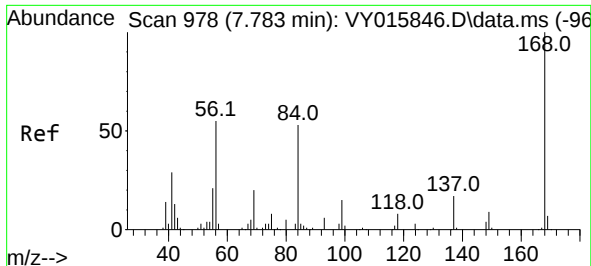
Tgt Ion: 83 Resp: 198981

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5

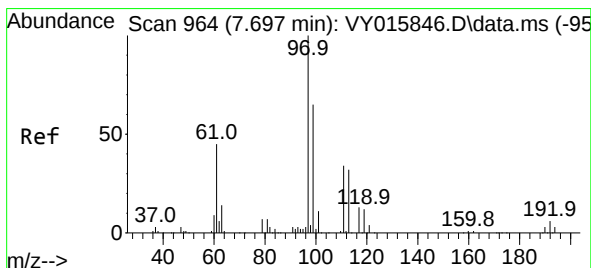
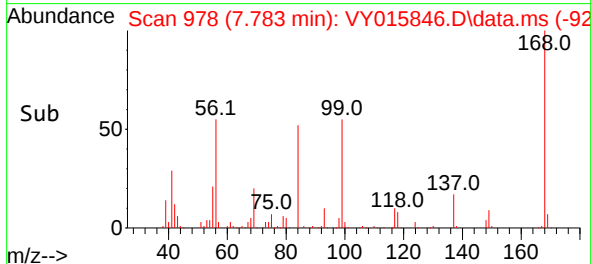
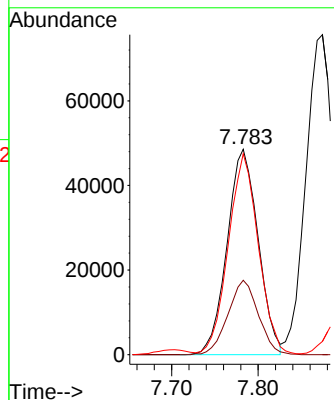
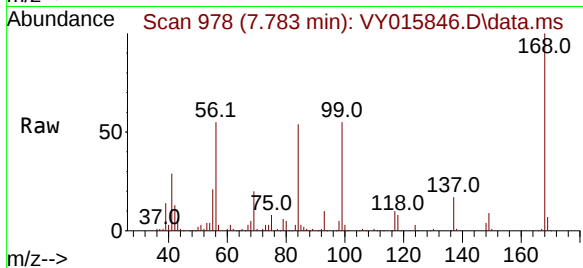




#31
Cyclohexane
Concen: 53.656 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

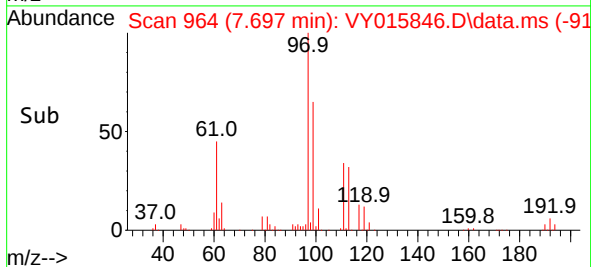
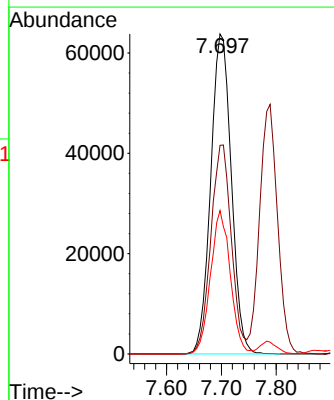
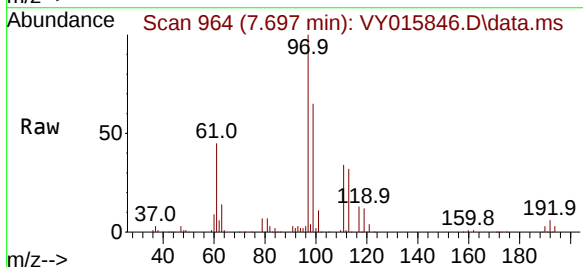
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

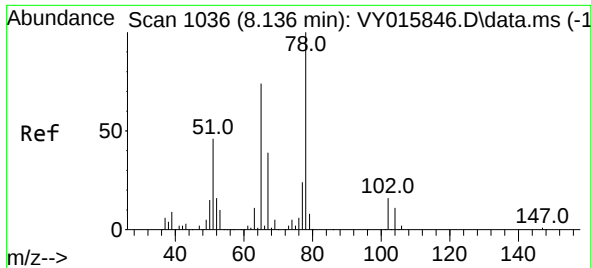
Tgt Ion: 56 Resp: 121130
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 95.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.776 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 97 Resp: 166278
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 43.1 35.1 52.7

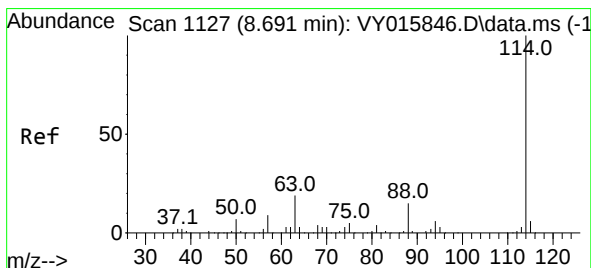
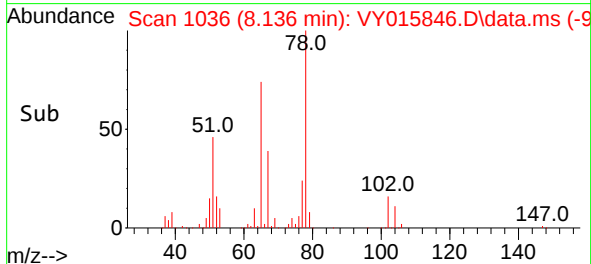
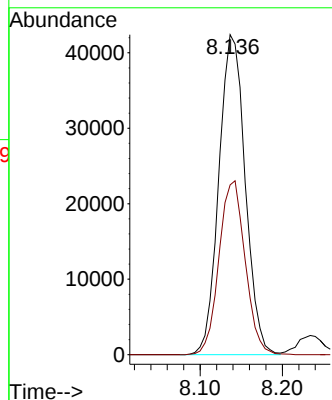
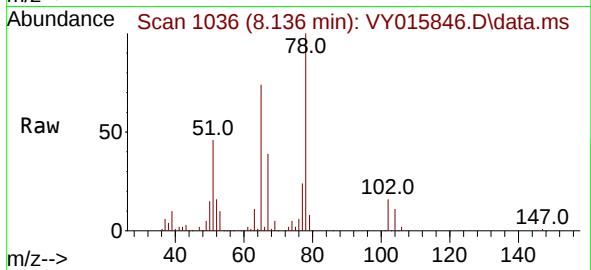




#33
 1,2-Dichloroethane-d4
 Concen: 47.134 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

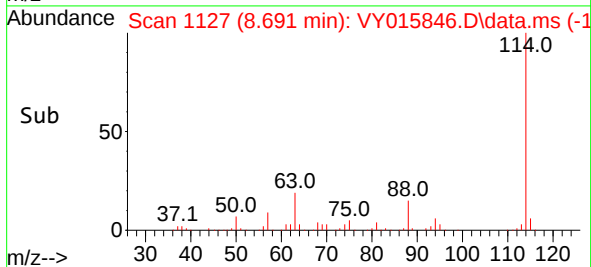
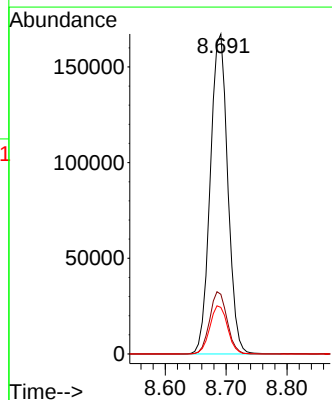
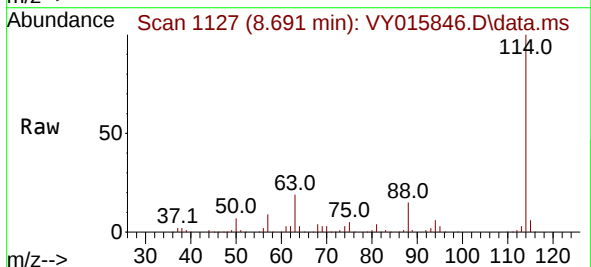
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

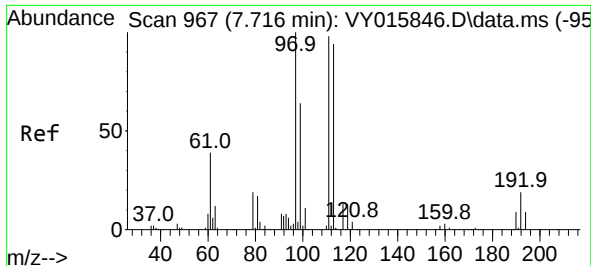
Tgt Ion: 65 Resp: 94400
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

Tgt Ion: 114 Resp: 333280
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 14.6 0.0 30.6

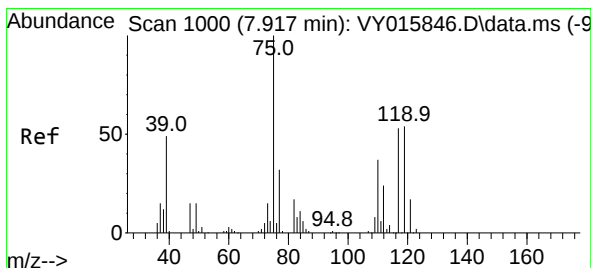
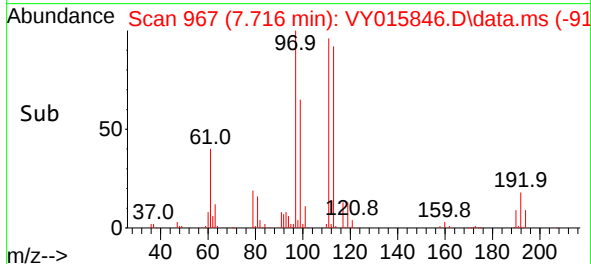
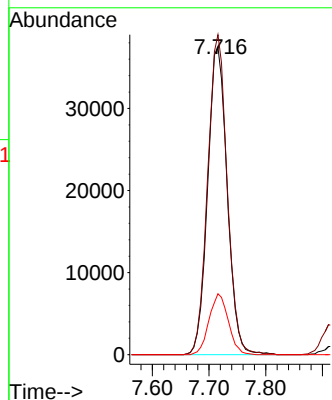
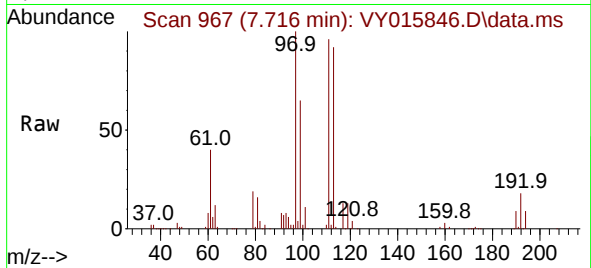




#35
Dibromofluoromethane
Concen: 47.255 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

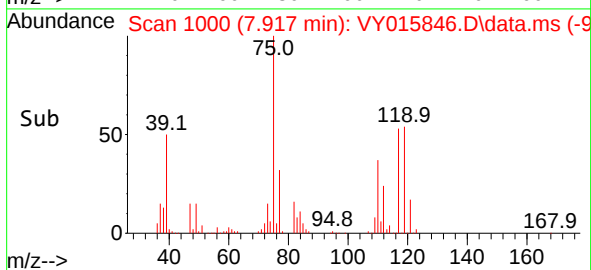
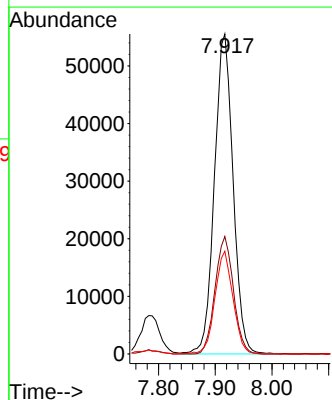
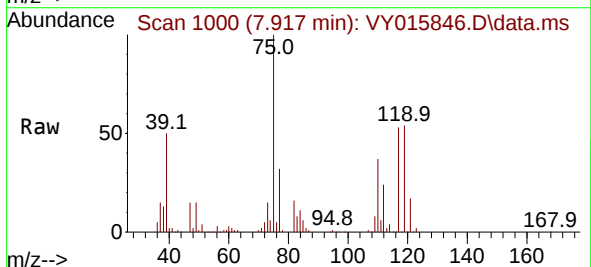
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

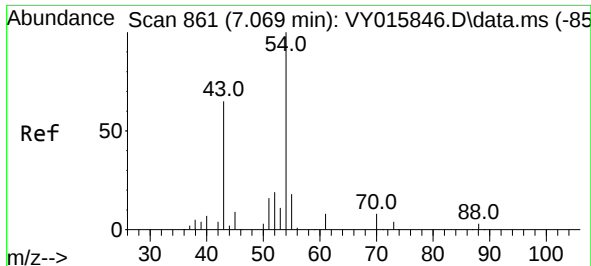
Tgt Ion:113 Resp: 89770
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 56.010 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 75 Resp: 126941
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 47.000 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

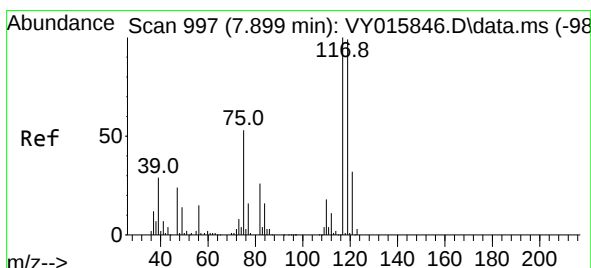
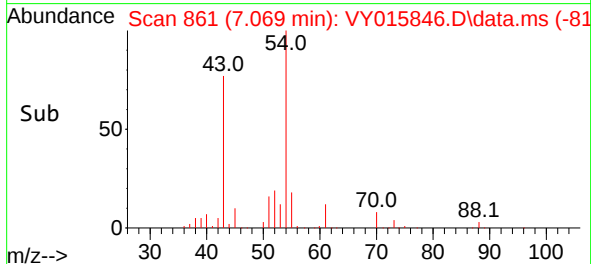
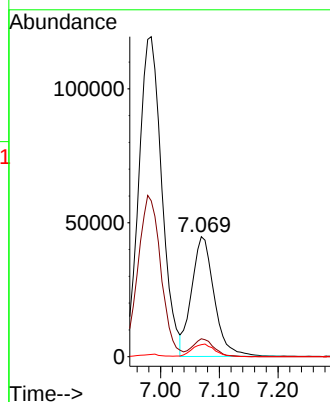
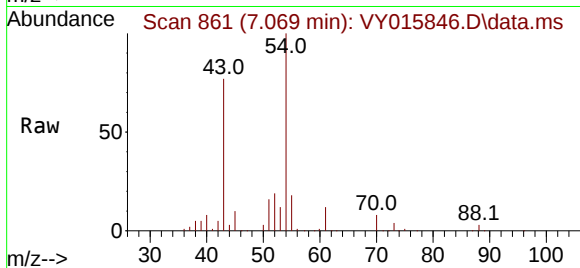
Tgt Ion: 43 Resp: 119204

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 54.467 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

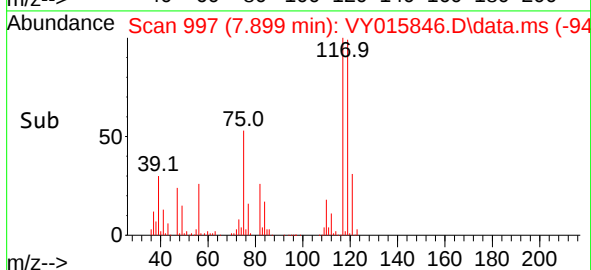
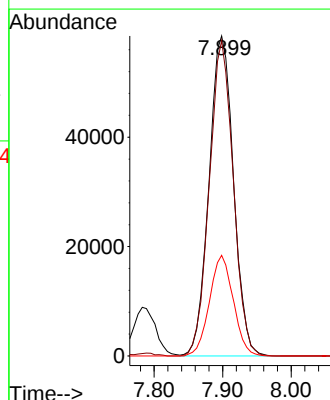
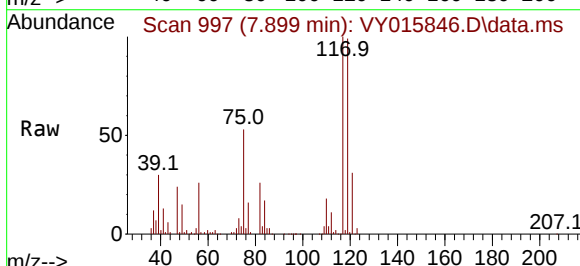
Tgt Ion: 117 Resp: 145149

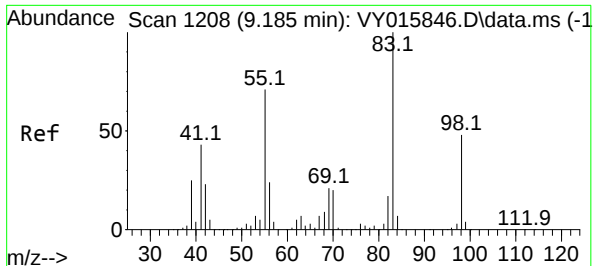
Ion Ratio Lower Upper

117 100

119 98.5 76.4 114.6

121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 57.827 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

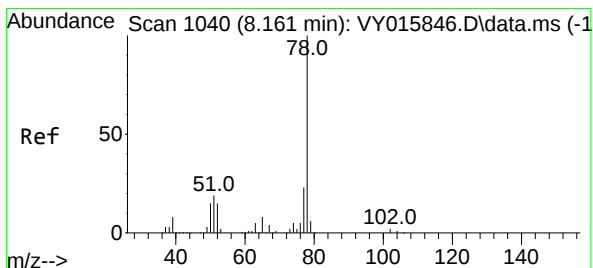
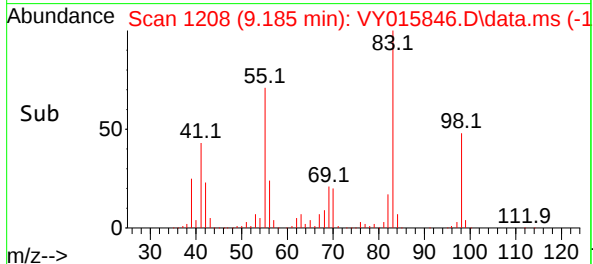
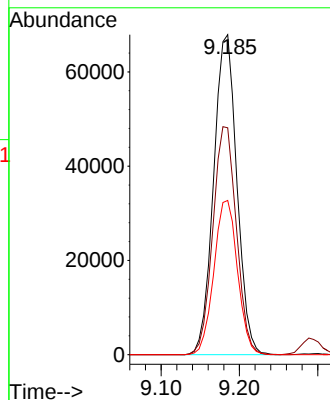
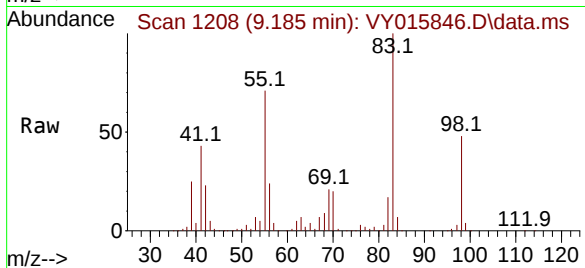
Tgt Ion: 83 Resp: 140164

Ion Ratio Lower Upper

83 100

55 70.9 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 54.764 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015846.D

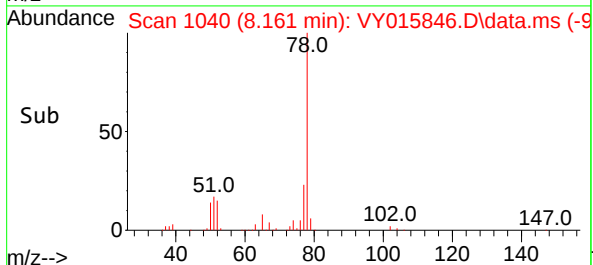
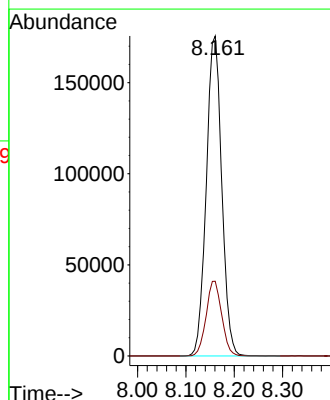
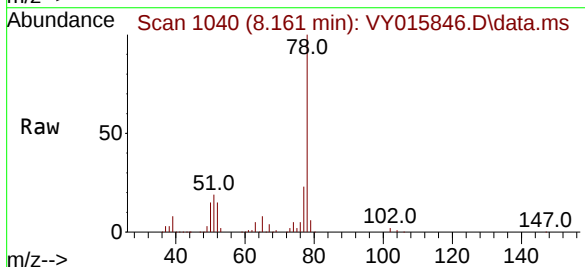
Acq: 05 Oct 2023 13:33

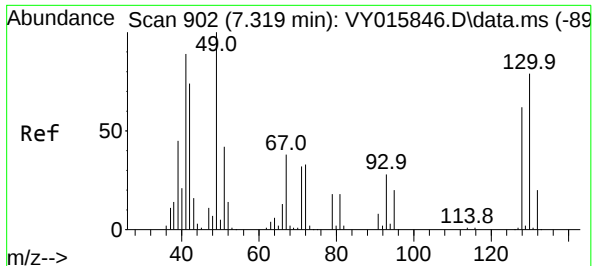
Tgt Ion: 78 Resp: 389467

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

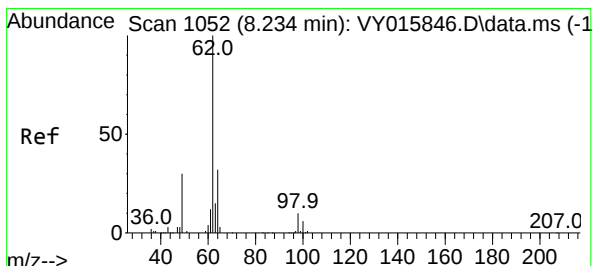
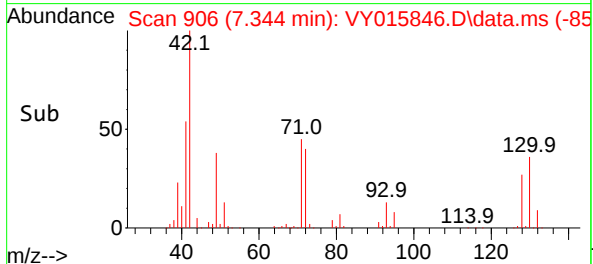
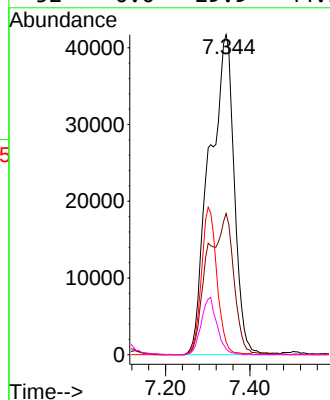
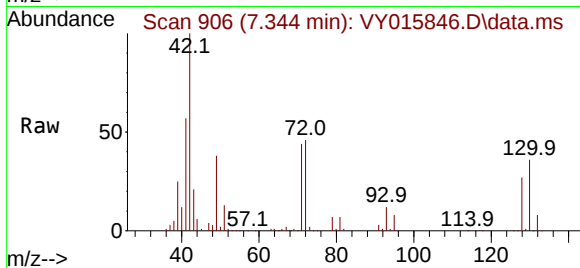




#41
Methacrylonitrile
Concen: 142.652 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

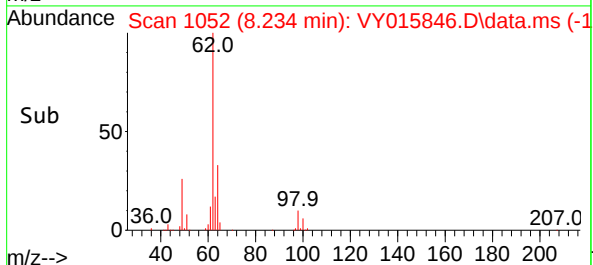
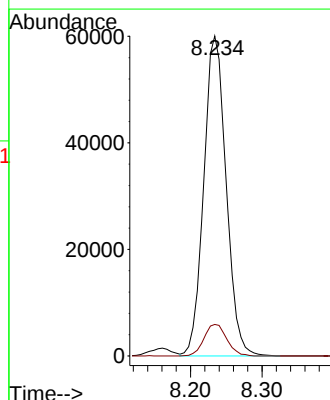
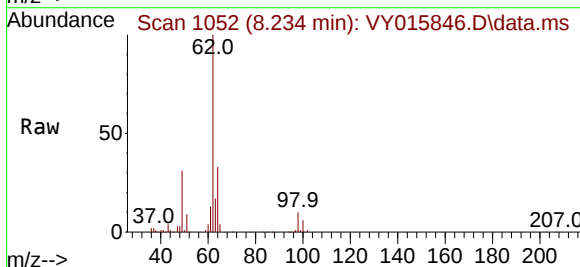
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

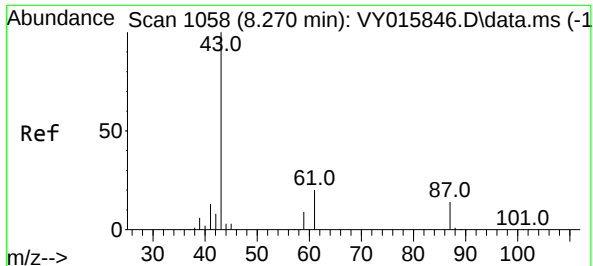
Tgt Ion: 41 Resp: 169093
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.968 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 62 Resp: 130510
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8

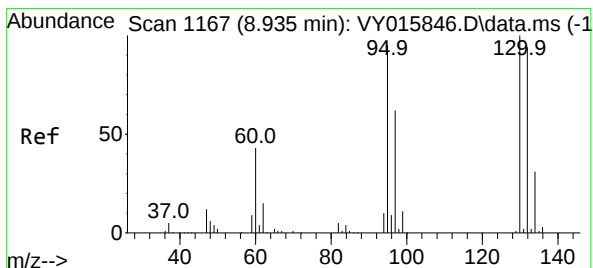
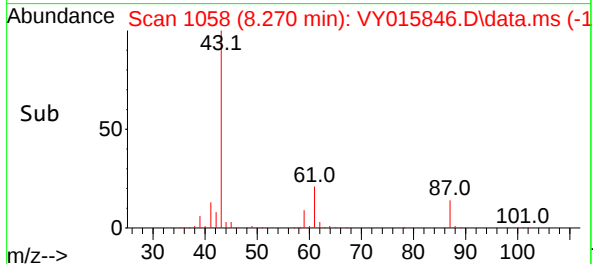
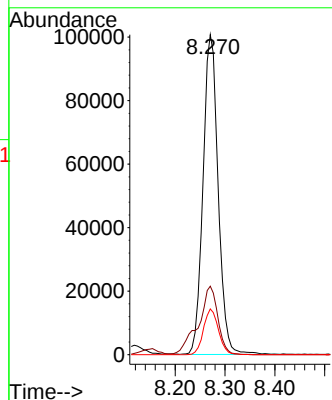
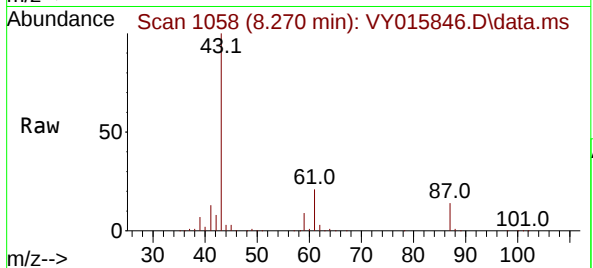




#43
Isopropyl Acetate
Concen: 48.623 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

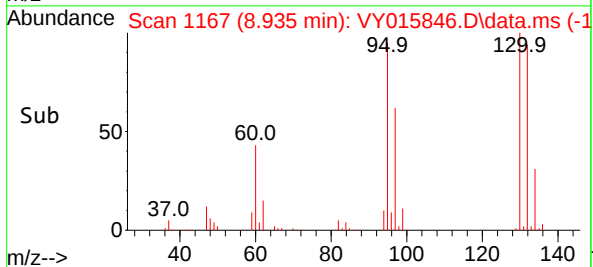
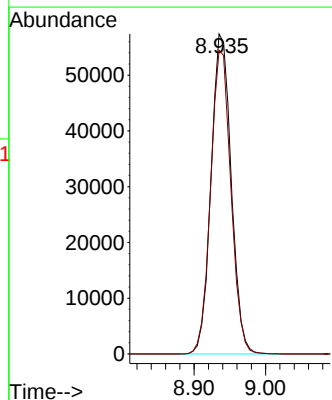
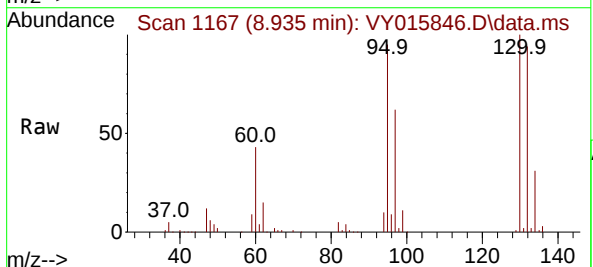
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

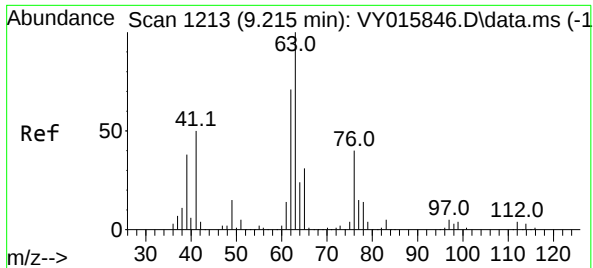
Tgt Ion: 43 Resp: 212261
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 53.897 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion:130 Resp: 112178
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0

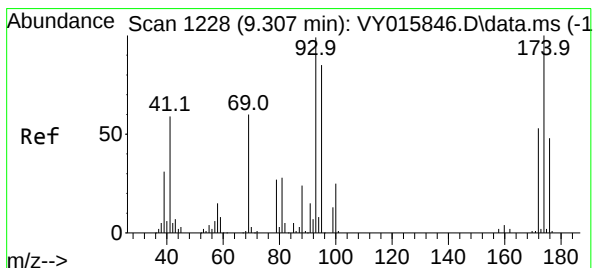
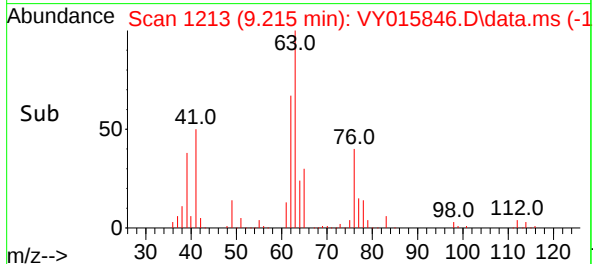
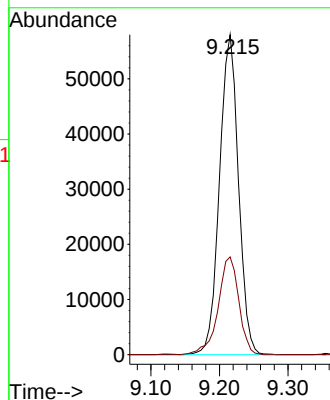
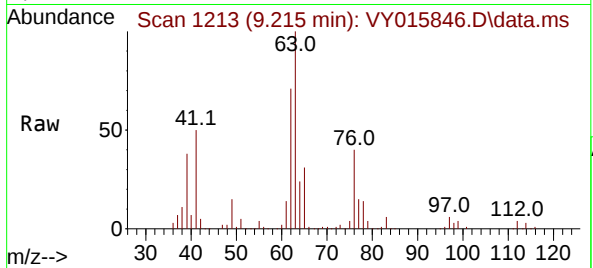




#45
1,2-Dichloropropane
Concen: 52.822 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

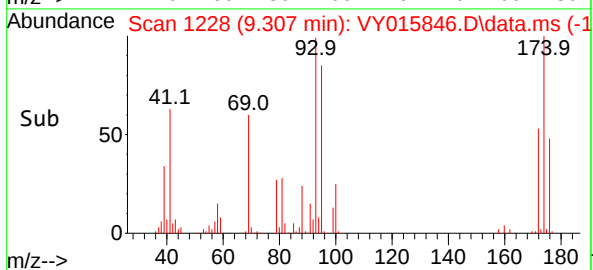
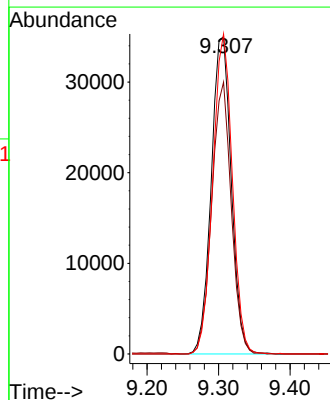
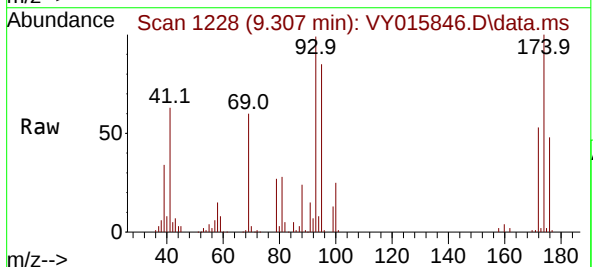
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

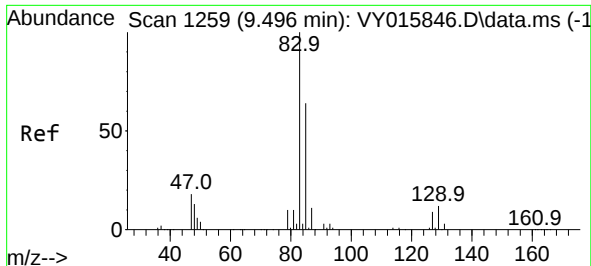
Tgt Ion: 63 Resp: 111113
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 50.766 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 93 Resp: 68271
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 98.1 84.8 127.2

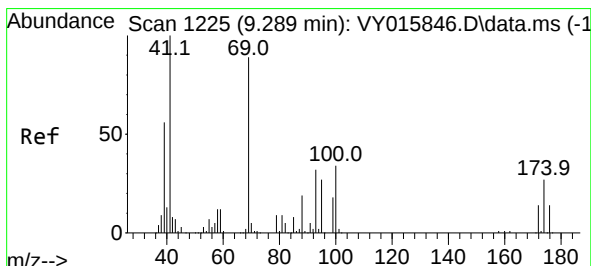
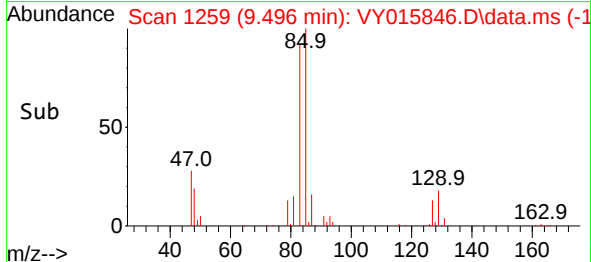
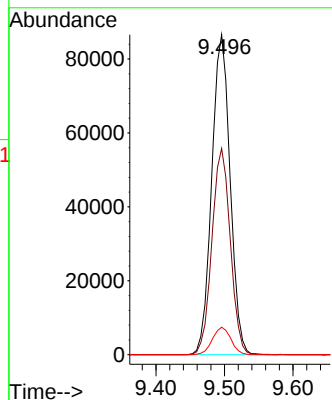
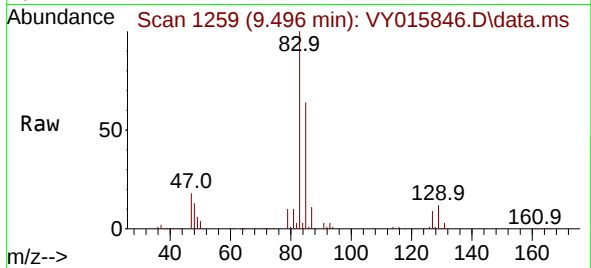




#47
Bromodichloromethane
Concen: 51.566 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

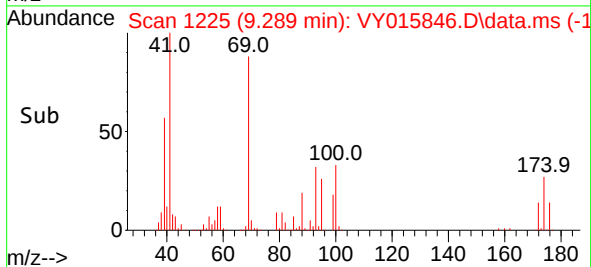
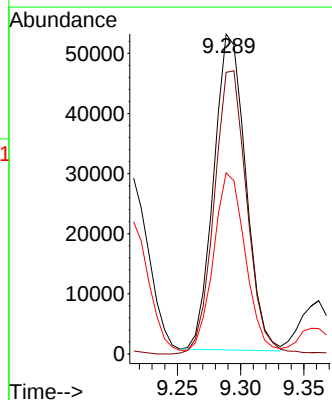
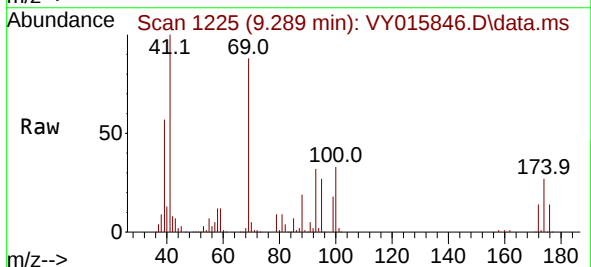
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

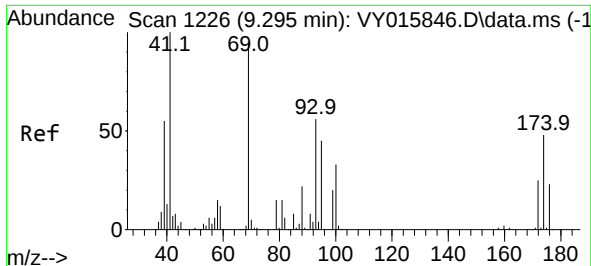
Tgt Ion: 83 Resp: 160970
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 48.407 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 41 Resp: 92294
Ion Ratio Lower Upper
41 100
69 92.3 64.5 96.7
39 57.9 50.8 76.2





#49

1,4-Dioxane

Concen: 923.797 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

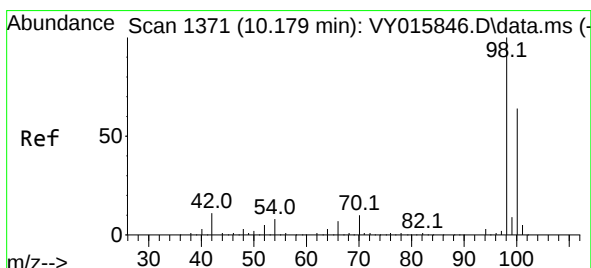
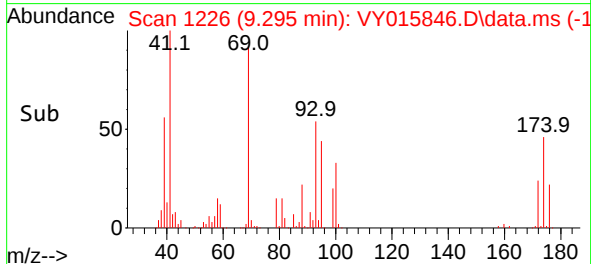
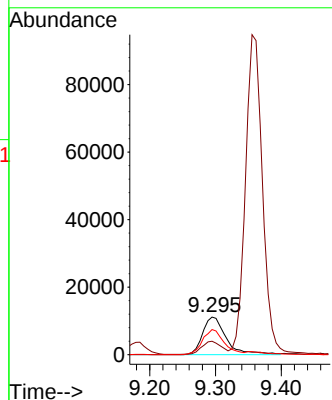
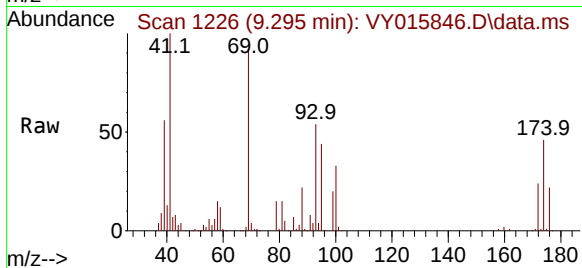
Tgt Ion: 88 Resp: 27829

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 61.2 30.9 46.3#



#50

Toluene-d8

Concen: 50.464 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015846.D

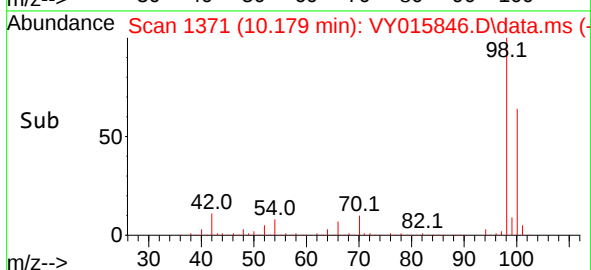
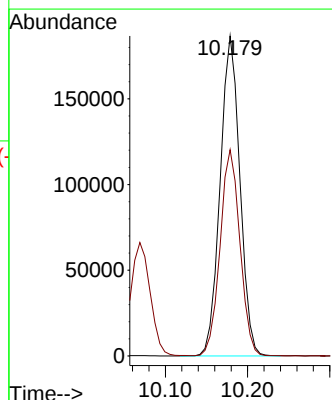
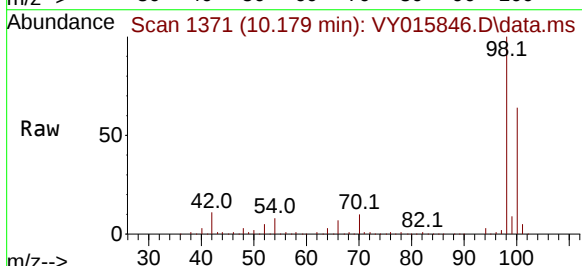
Acq: 05 Oct 2023 13:33

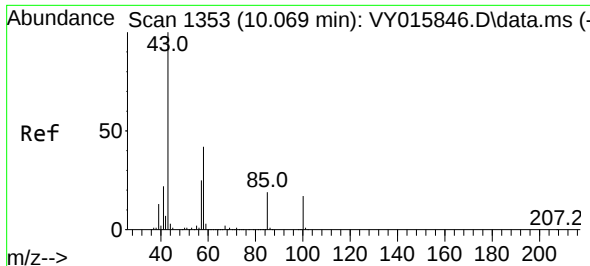
Tgt Ion: 98 Resp: 311254

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

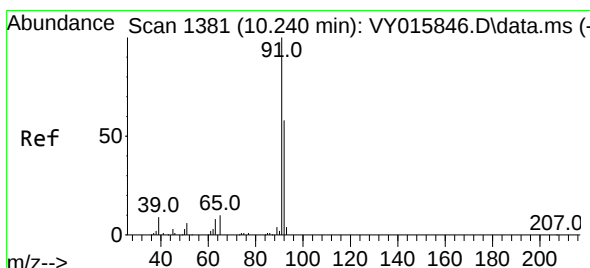
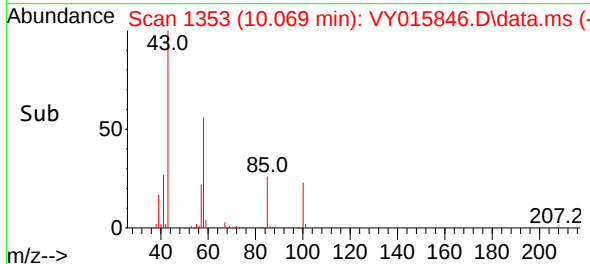
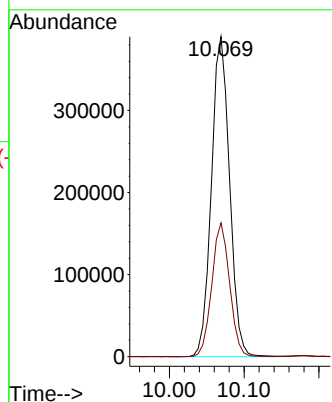
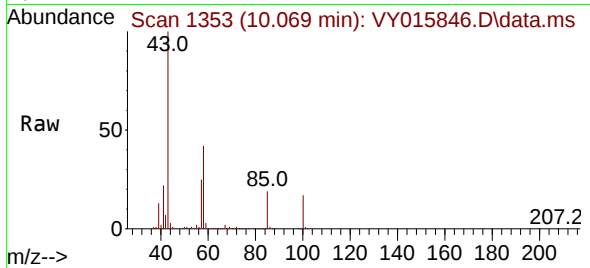




#51
4-Methyl-2-Pentanone
Concen: 240.901 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

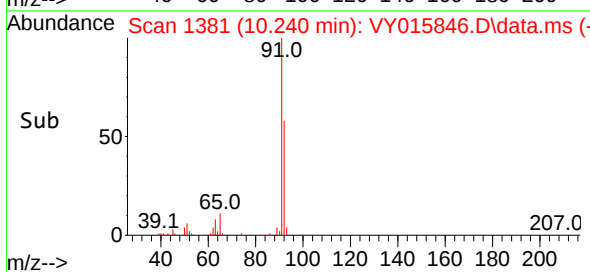
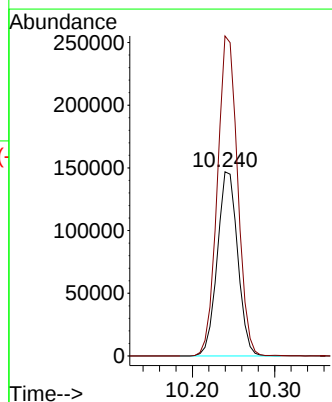
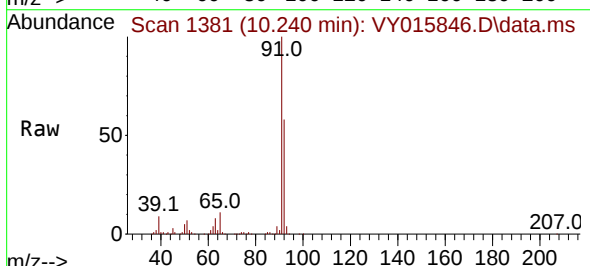
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

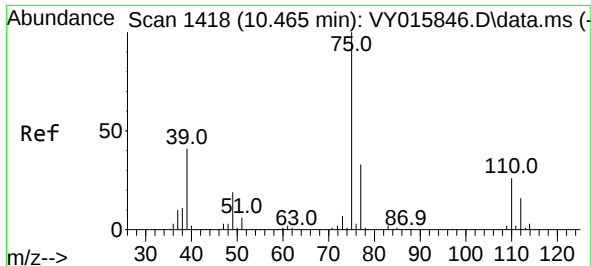
Tgt Ion: 43 Resp: 657878
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 54.429 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 92 Resp: 253263
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

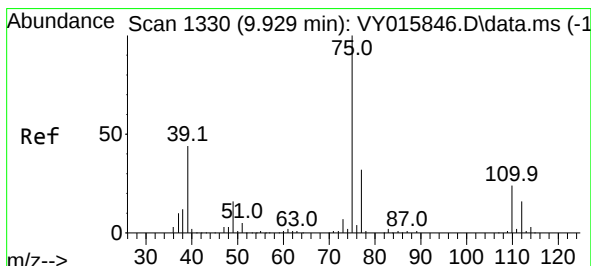
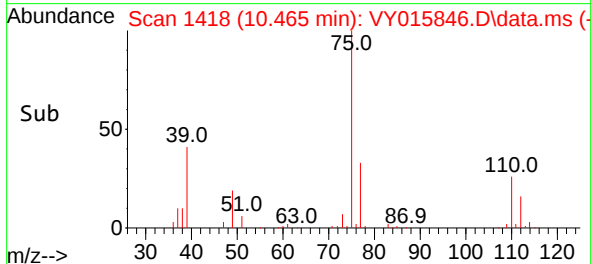
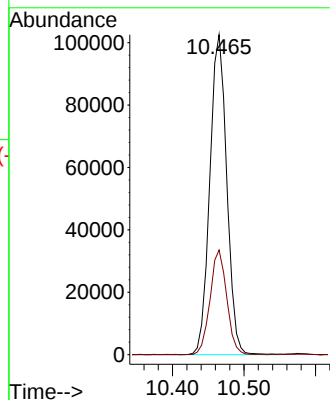
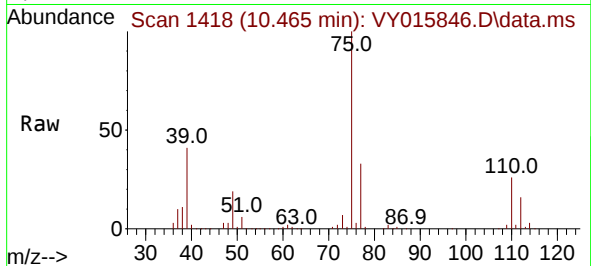




#53
 t-1,3-Dichloropropene
 Concen: 51.516 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

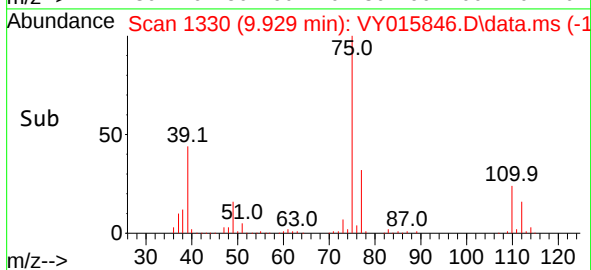
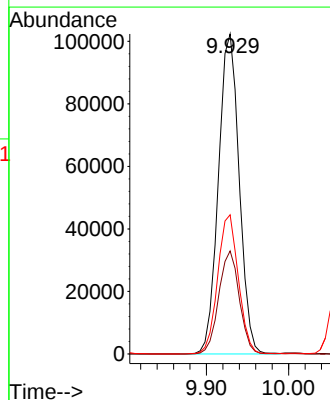
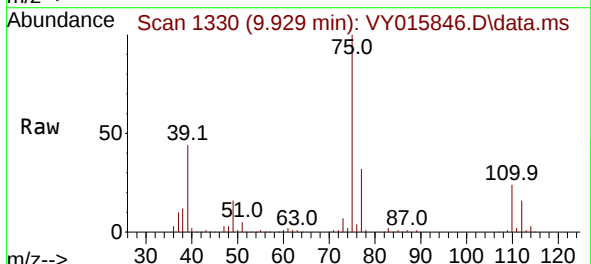
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

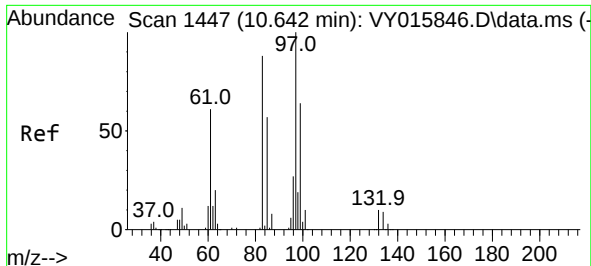
Tgt Ion: 75 Resp: 168736
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.754 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

Tgt Ion: 75 Resp: 179957
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 43.5 42.2 63.4



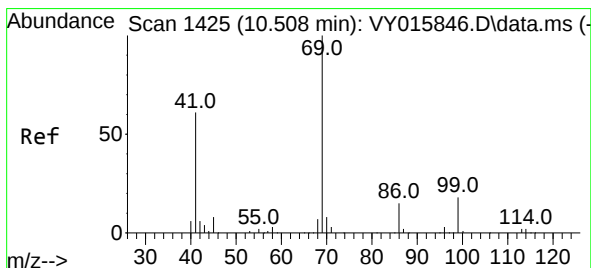
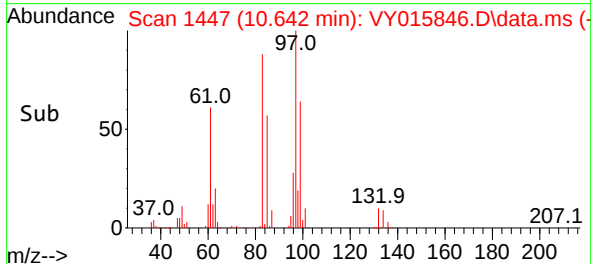
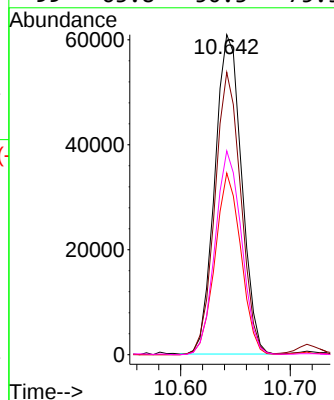
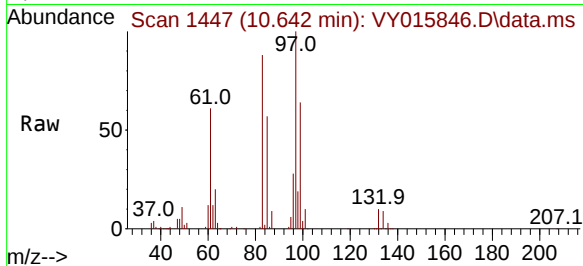


#55
1,1,2-Trichloroethane
Concen: 49.021 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 103569

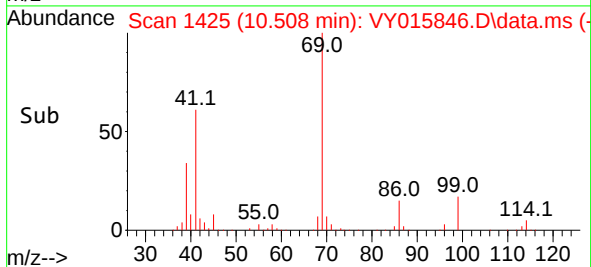
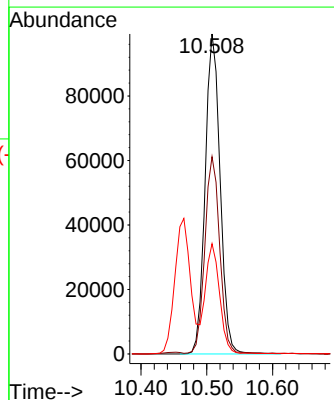
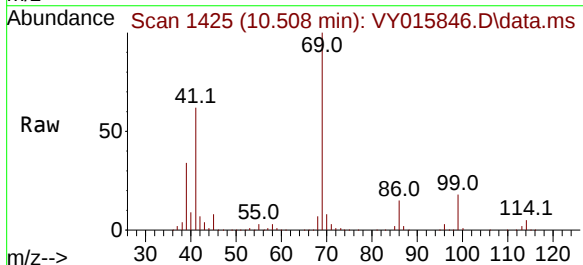
Ion	Ratio	Lower	Upper
97	100		
83	88.4	72.0	108.0
85	56.9	45.4	68.0
99	63.8	50.3	75.5

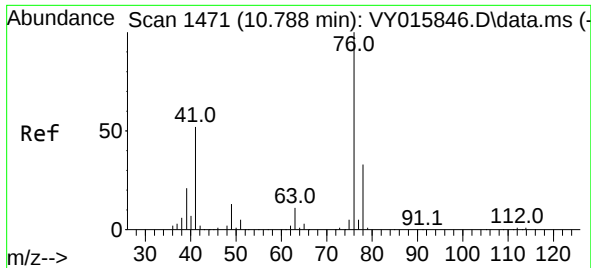


#56
Ethyl methacrylate
Concen: 51.246 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 69 Resp: 156982

Ion	Ratio	Lower	Upper
69	100		
41	61.0	57.6	86.4
39	31.8	34.1	51.1#

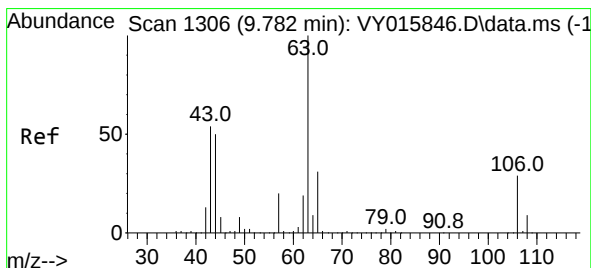
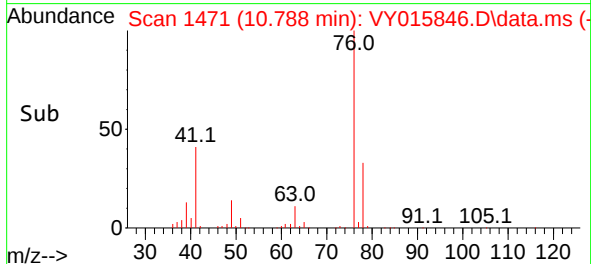
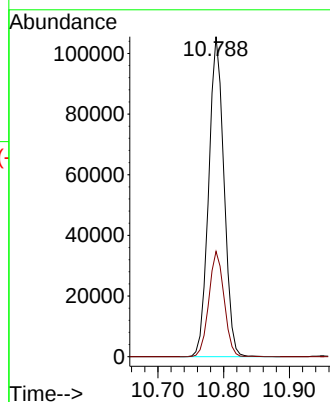
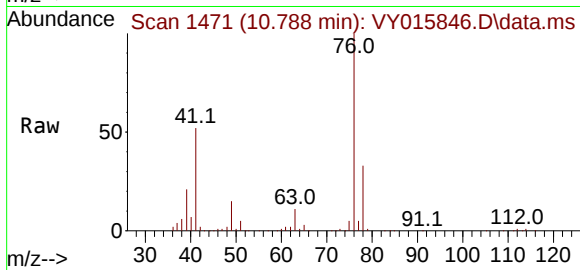




#57
1,3-Dichloropropane
Concen: 50.408 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

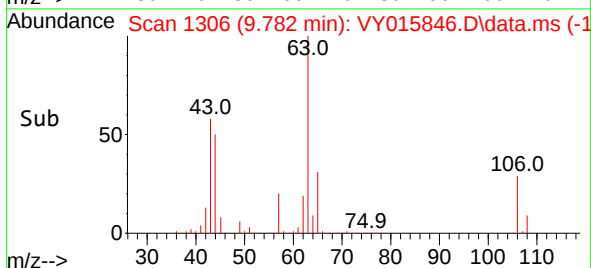
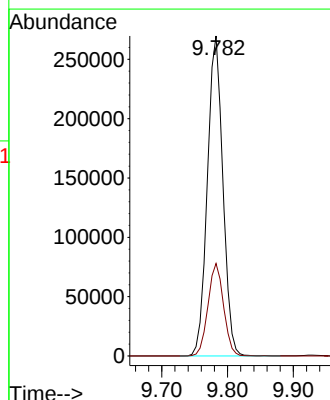
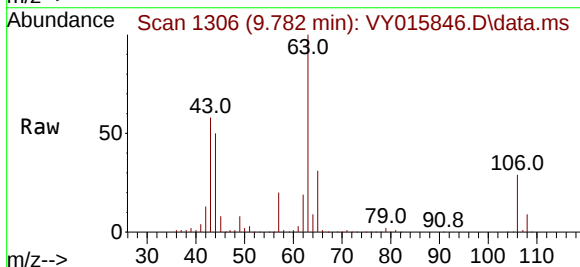
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

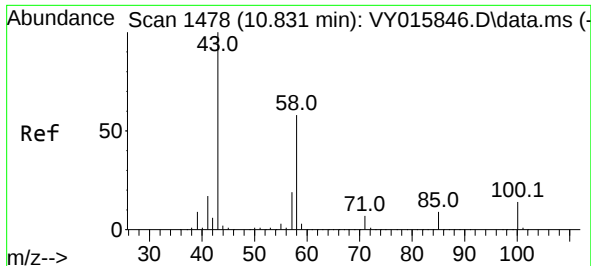
Tgt Ion: 76 Resp: 170262
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 247.818 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 63 Resp: 442337
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8

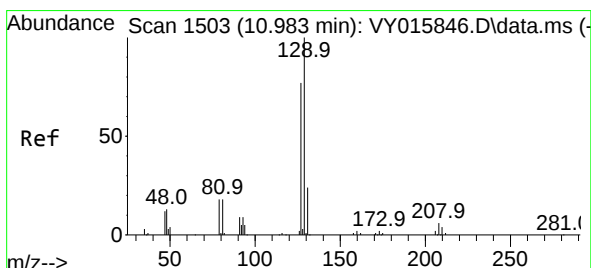
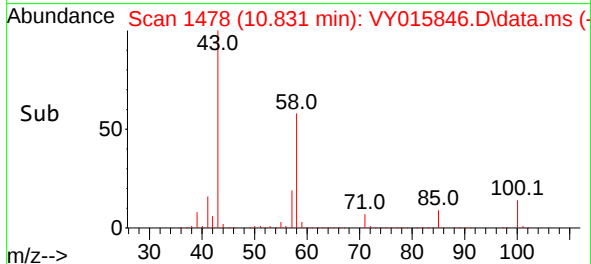
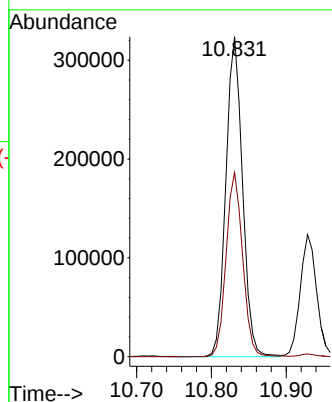
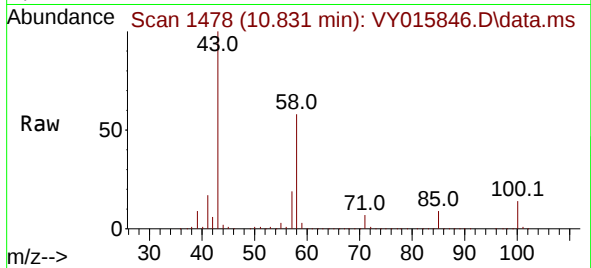




#59
2-Hexanone
Concen: 236.288 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

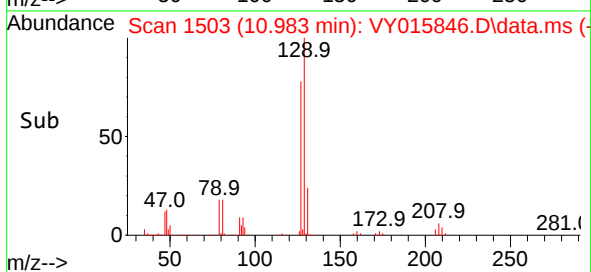
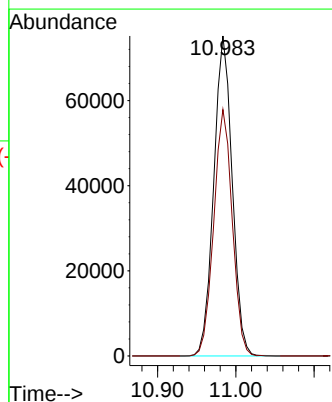
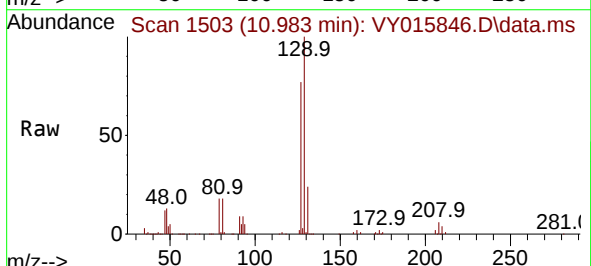
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

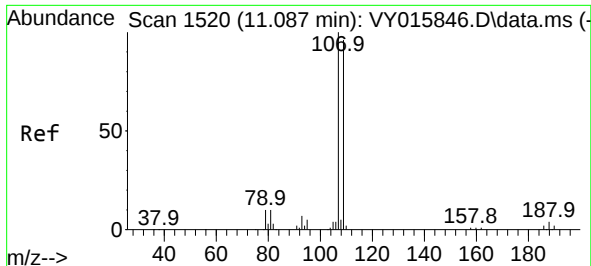
Tgt Ion: 43 Resp: 500722
Ion Ratio Lower Upper
43 100
58 57.4 25.1 75.3



#60
Dibromochloromethane
Concen: 50.366 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 129 Resp: 122905
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

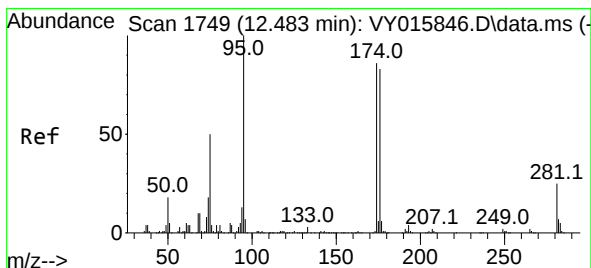
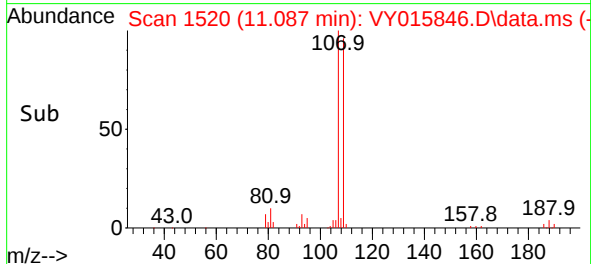
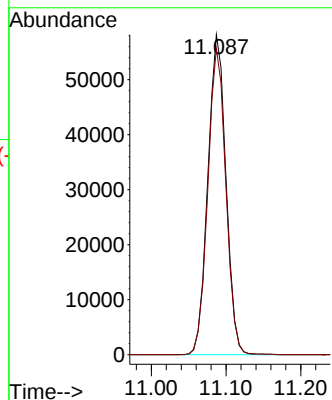
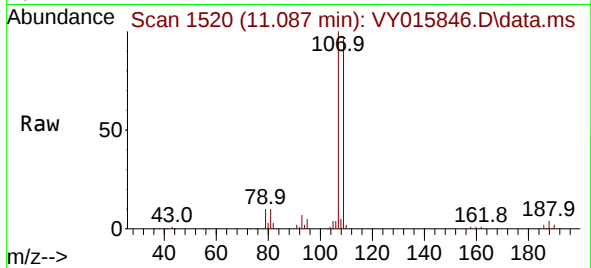




#61
1,2-Dibromoethane
Concen: 49.504 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

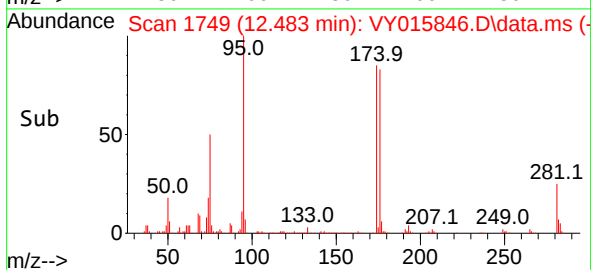
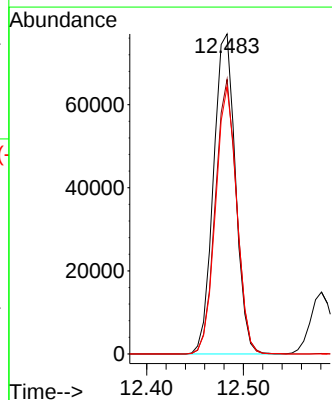
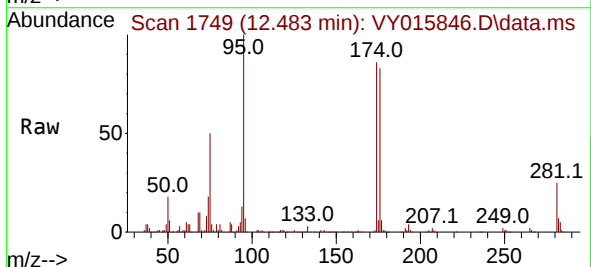
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

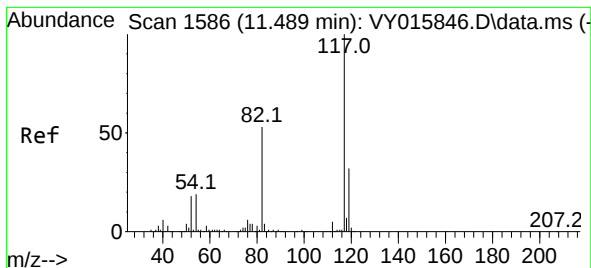
Tgt Ion:107 Resp: 97741
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.205 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 95 Resp: 121530
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

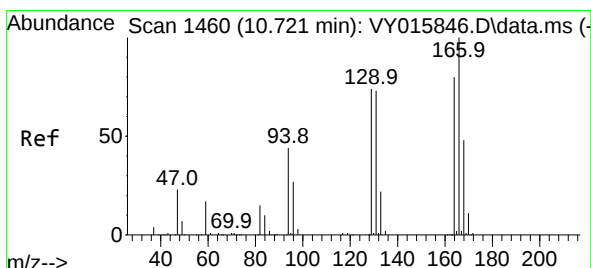
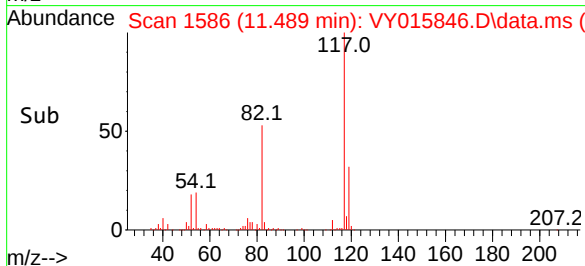
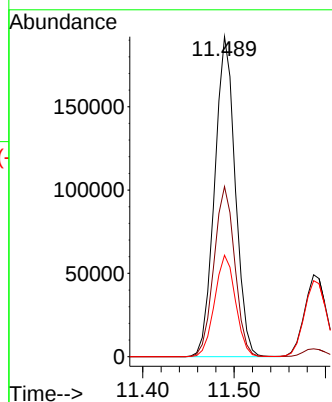
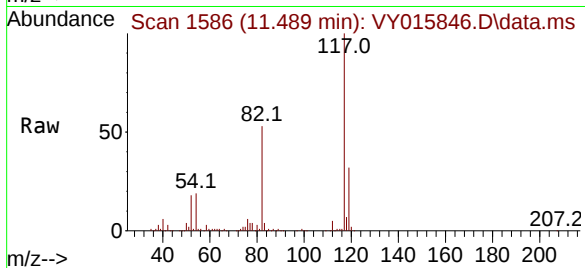
Tgt Ion:117 Resp: 301623

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 56.896 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Tgt Ion:164 Resp: 120625

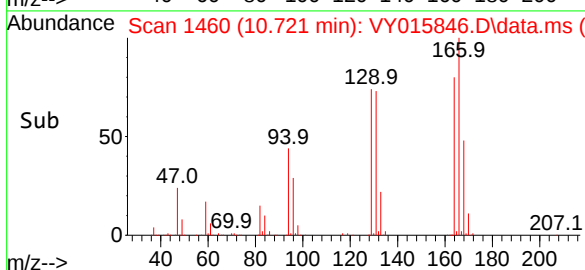
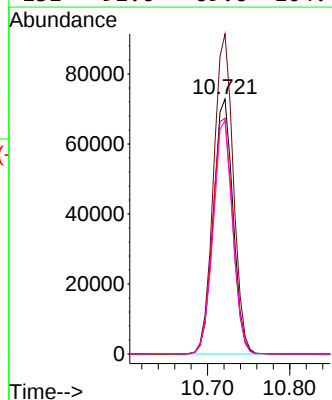
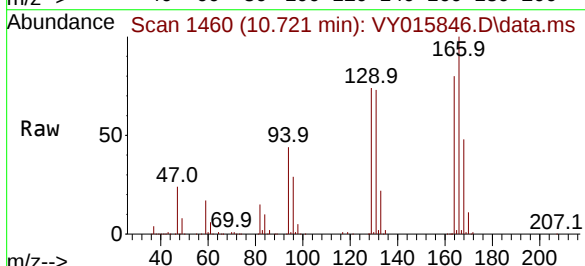
Ion Ratio Lower Upper

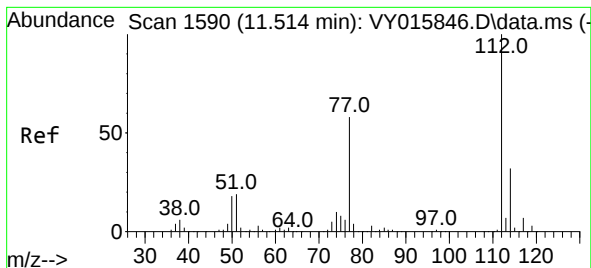
164 100

166 125.6 103.0 154.6

129 92.5 77.2 115.8

131 91.6 69.6 104.4





#65

Chlorobenzene

Concen: 52.404 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

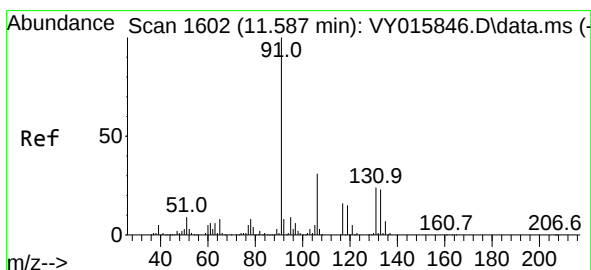
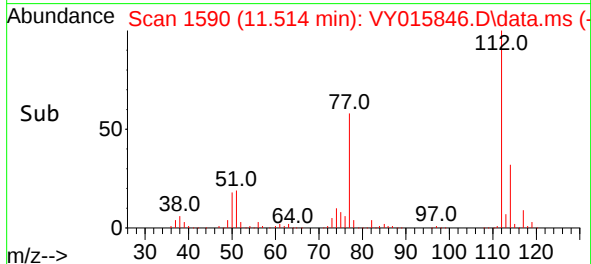
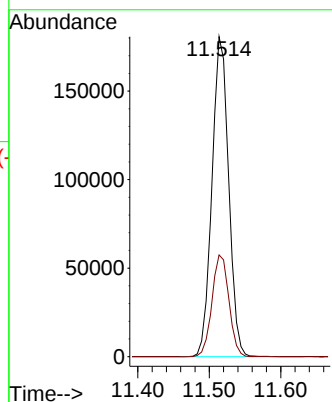
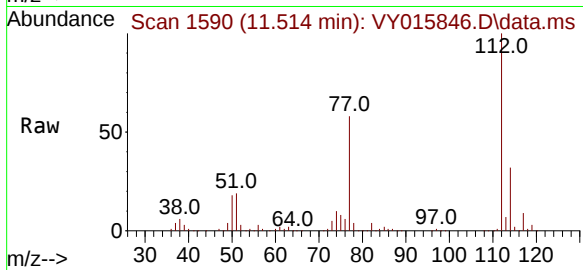
VSTDICCC050

Tgt Ion:112 Resp: 292316

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.934 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

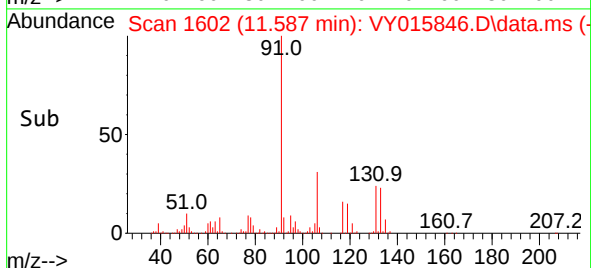
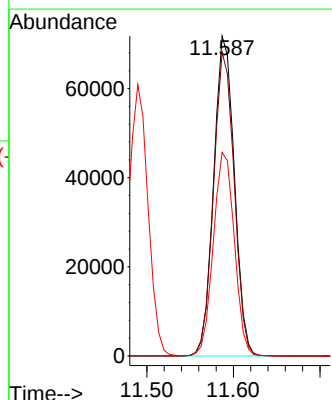
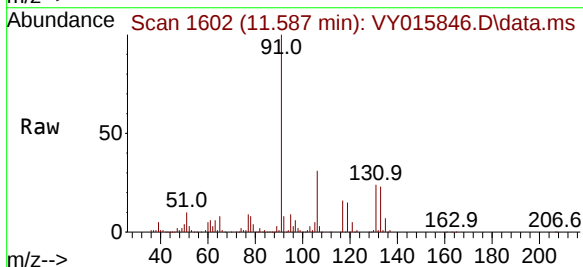
Tgt Ion:131 Resp: 119110

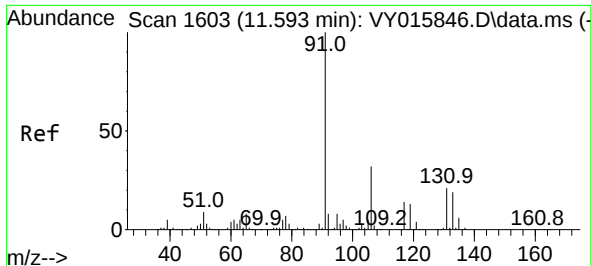
Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.6

119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 53.947 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

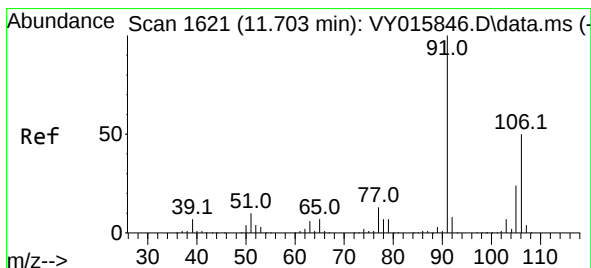
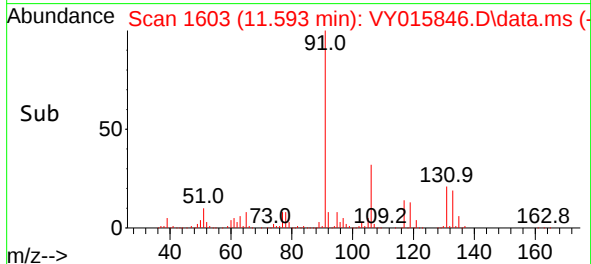
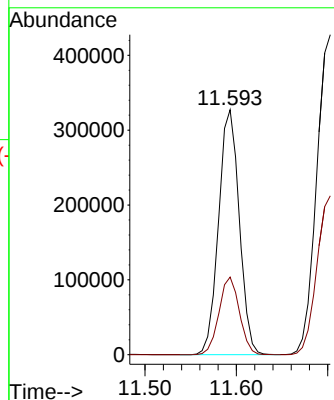
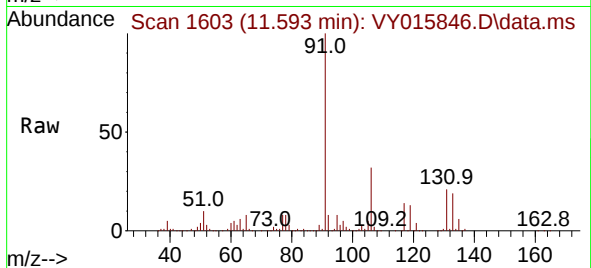
VSTDICCC050

Tgt Ion: 91 Resp: 515049

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 107.731 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015846.D

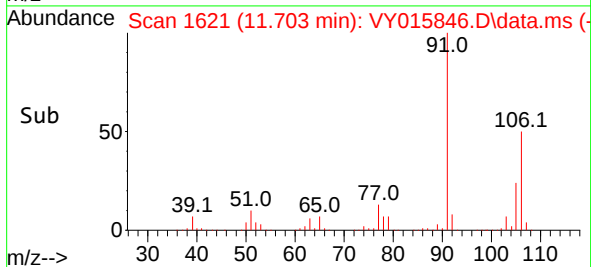
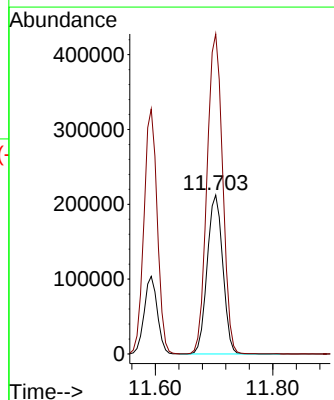
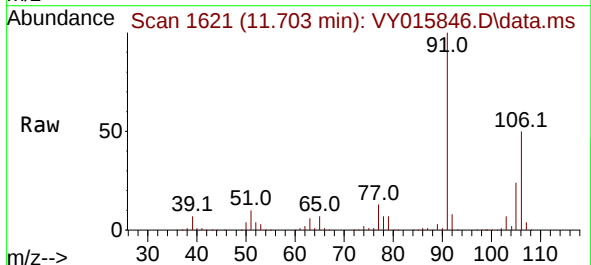
Acq: 05 Oct 2023 13:33

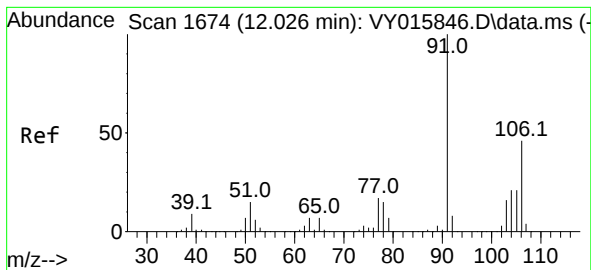
Tgt Ion:106 Resp: 390983

Ion Ratio Lower Upper

106 100

91 201.9 166.1 249.1





#69

o-Xylene

Concen: 54.330 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

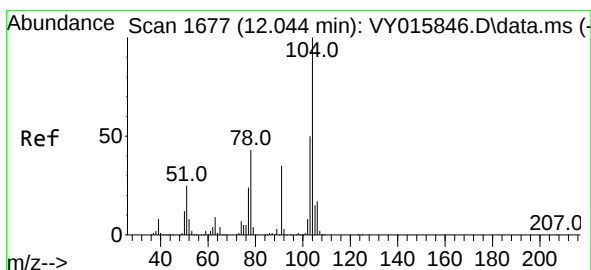
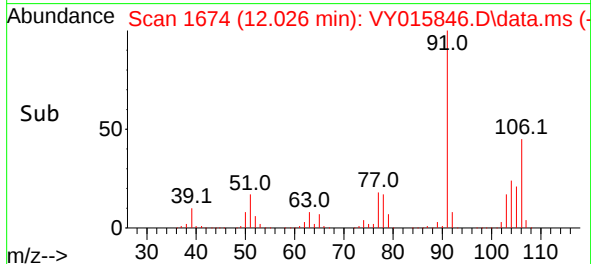
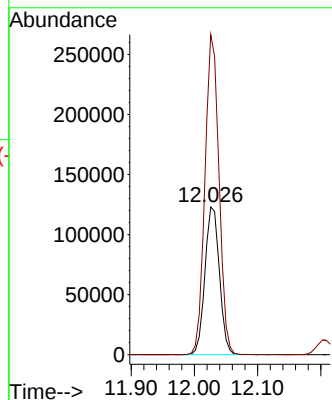
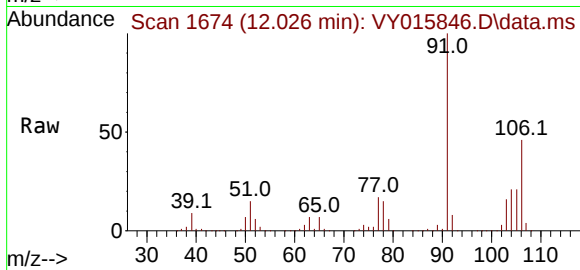
VSTDICCC050

Tgt Ion:106 Resp: 196125

Ion Ratio Lower Upper

106 100

91 210.7 108.1 324.3



#70

Styrene

Concen: 54.143 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

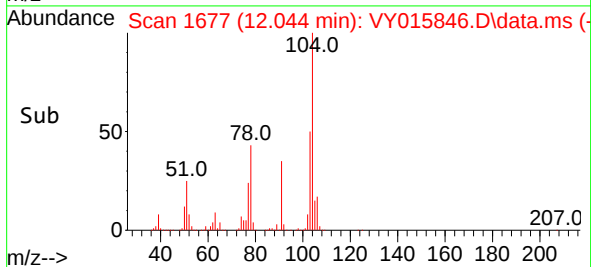
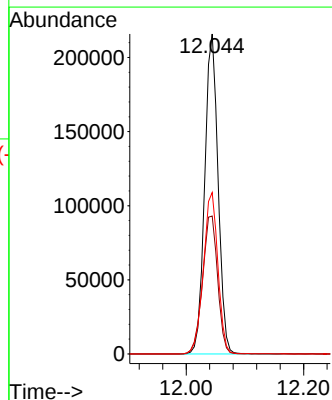
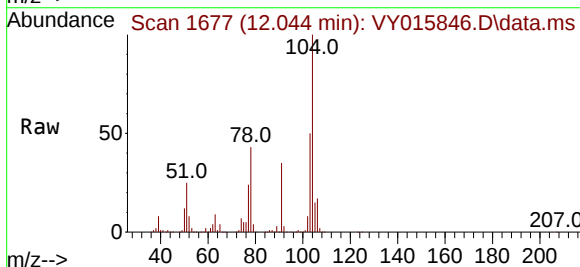
Tgt Ion:104 Resp: 341207

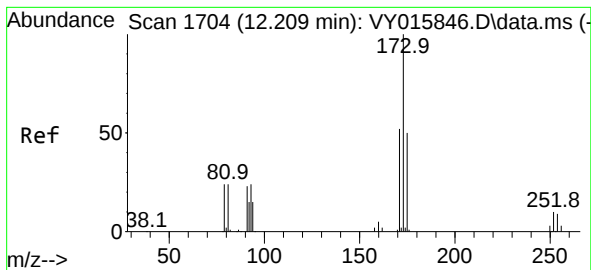
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 50.142 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

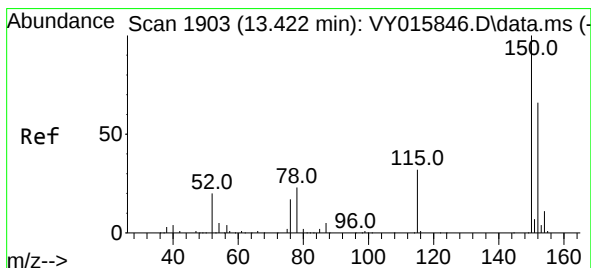
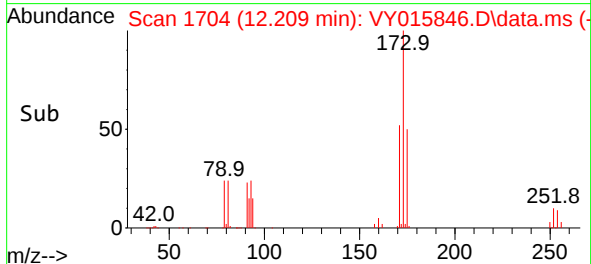
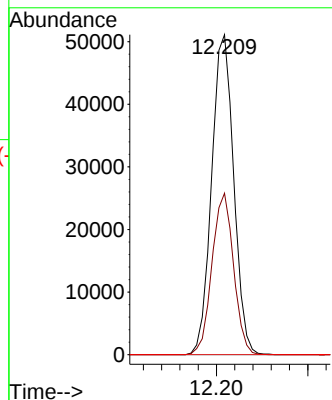
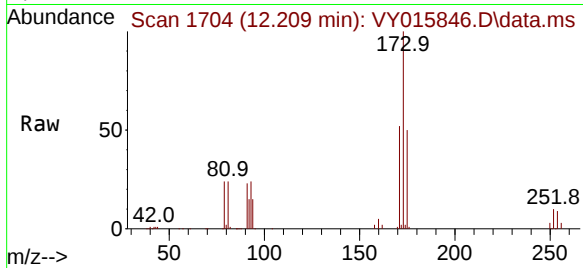
Tgt Ion:173 Resp: 85751

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

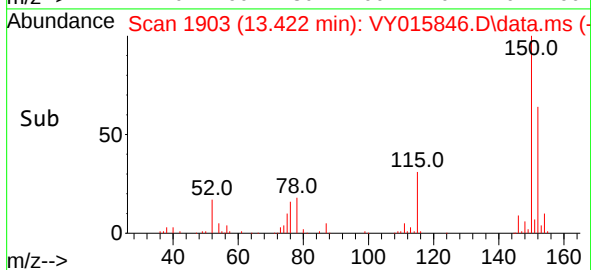
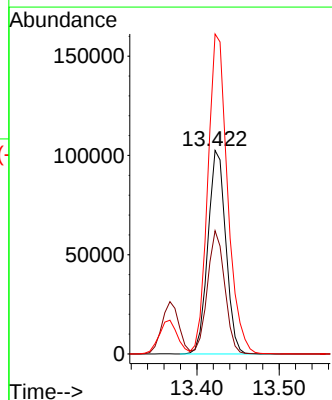
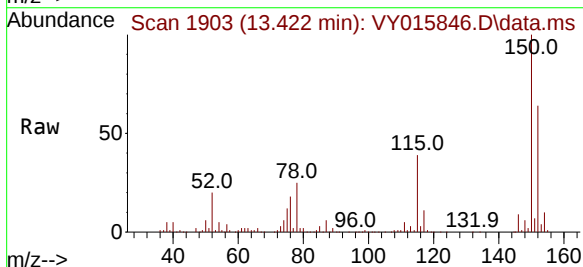
Tgt Ion:152 Resp: 154736

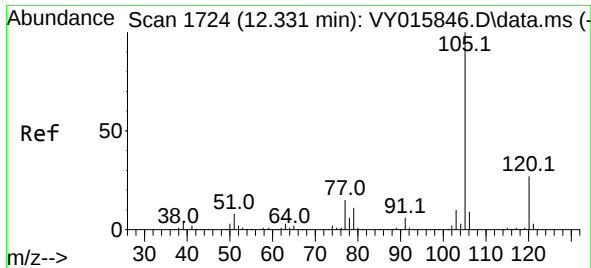
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 173.6 0.0 348.8

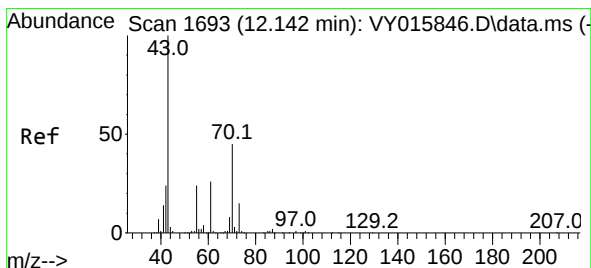
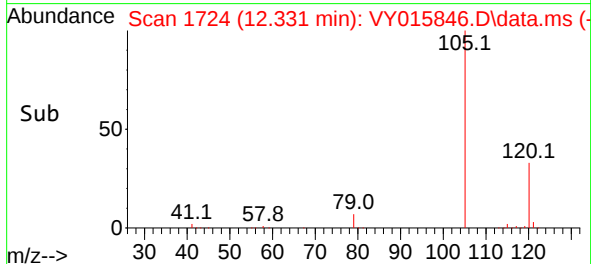
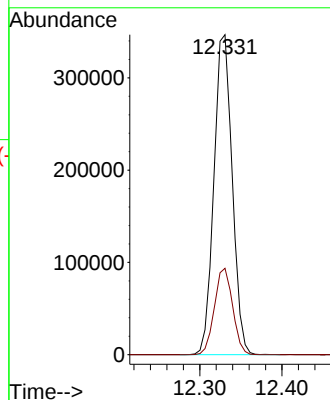
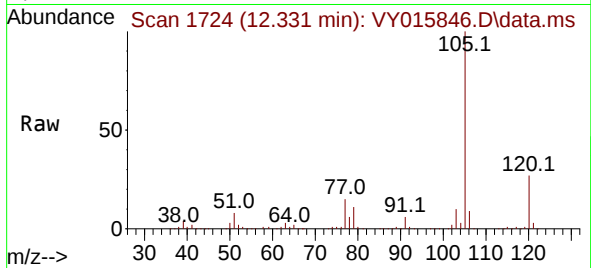




#73
Isopropylbenzene
Concen: 53.452 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

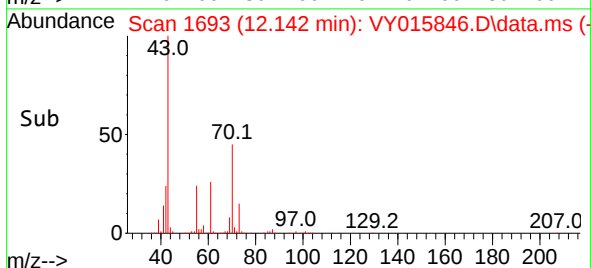
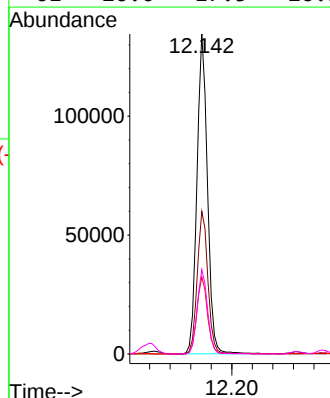
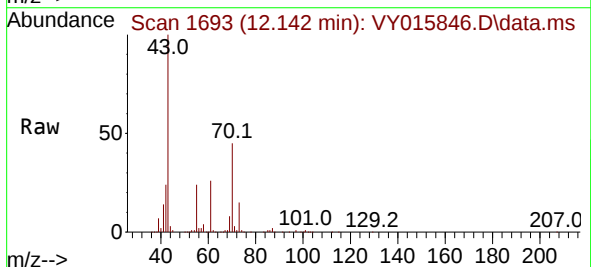
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

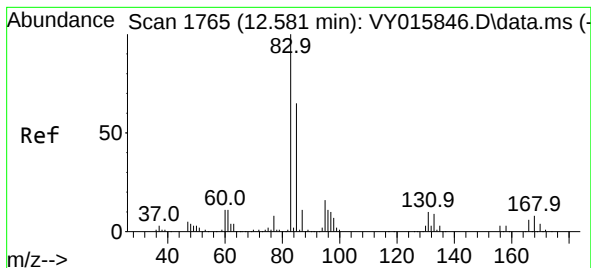
Tgt Ion:105 Resp: 535788
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 49.419 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 43 Resp: 191416
Ion Ratio Lower Upper
43 100
70 45.1 29.7 44.5#
55 24.2 18.3 27.5
61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.397 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

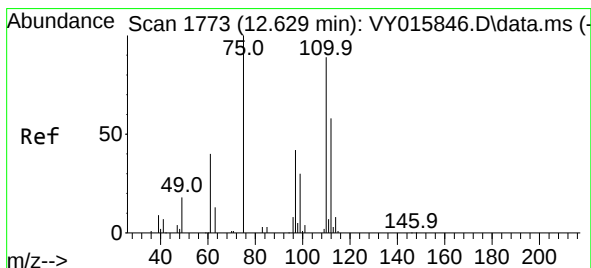
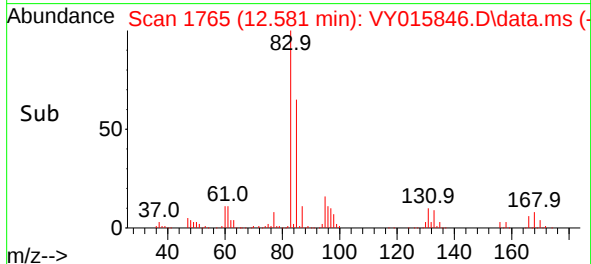
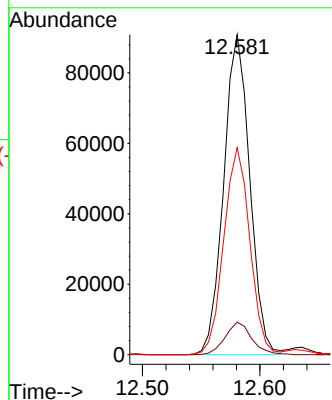
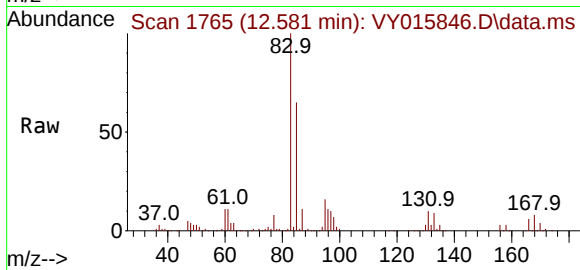
Tgt Ion: 83 Resp: 140339

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 80.964 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015846.D

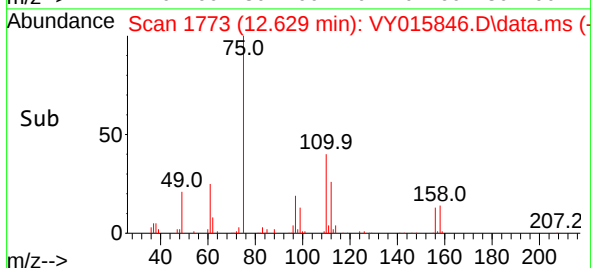
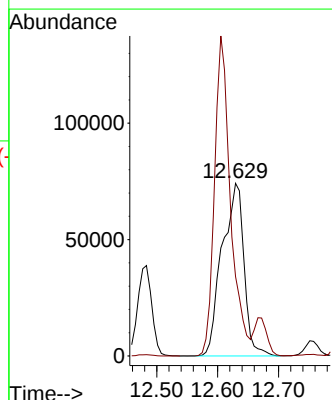
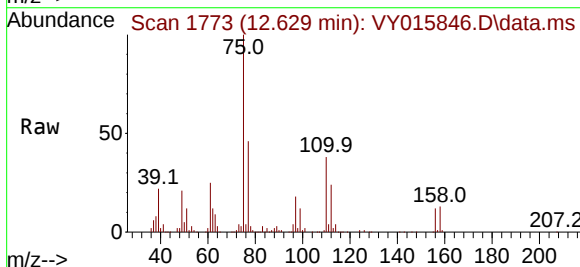
Acq: 05 Oct 2023 13:33

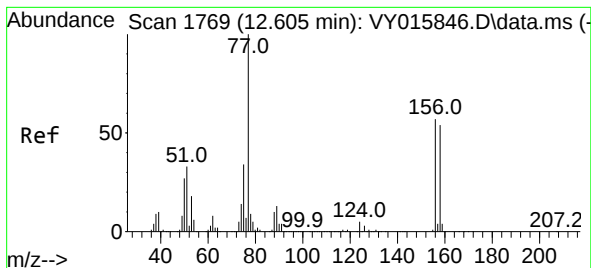
Tgt Ion: 75 Resp: 185460

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.795 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

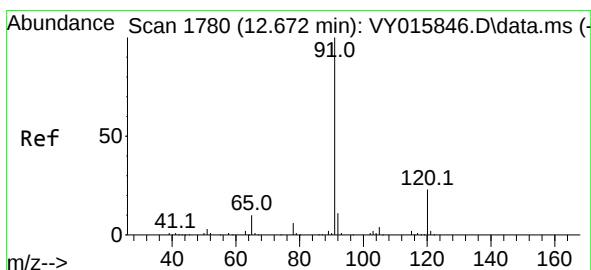
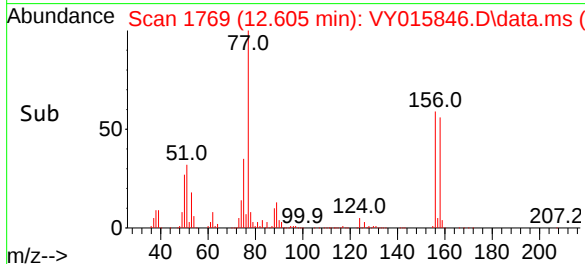
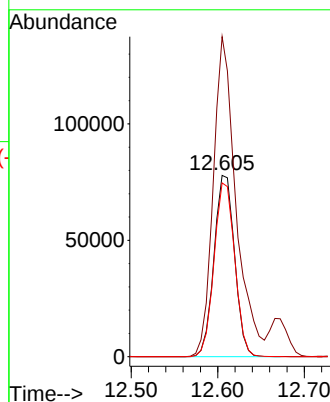
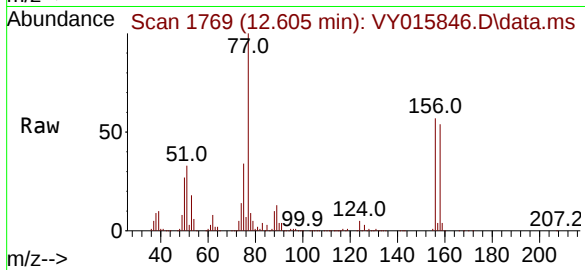
Tgt Ion:156 Resp: 128436

Ion Ratio Lower Upper

156 100

77 195.4 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 53.953 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015846.D

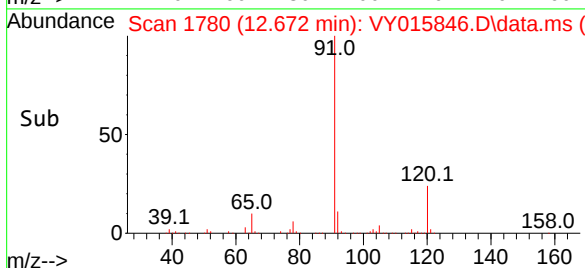
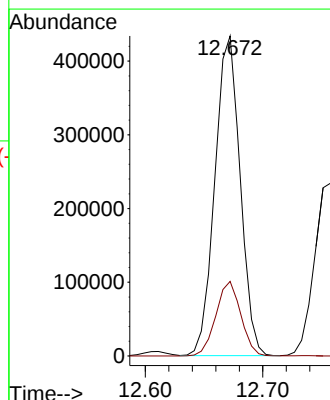
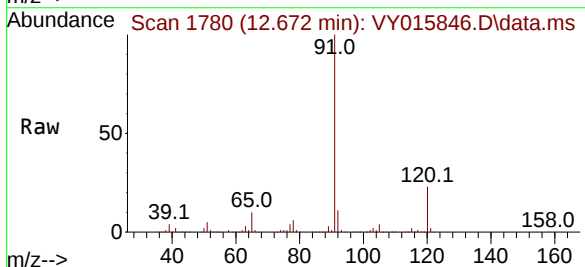
Acq: 05 Oct 2023 13:33

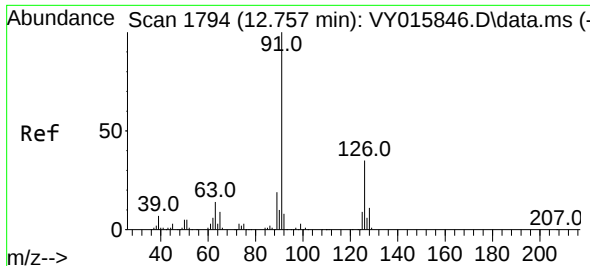
Tgt Ion: 91 Resp: 647774

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

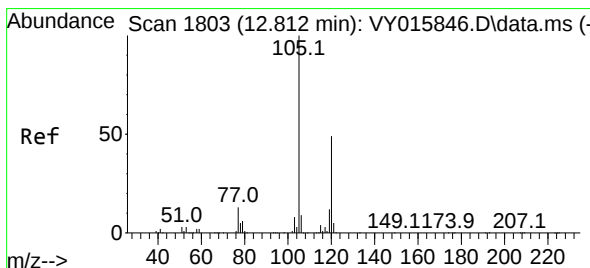
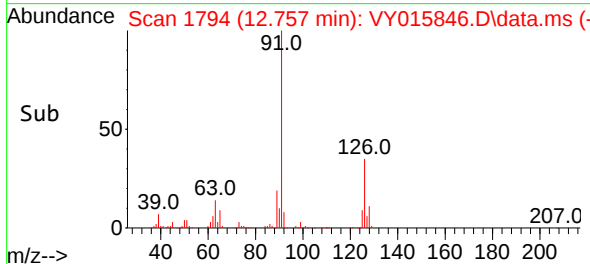
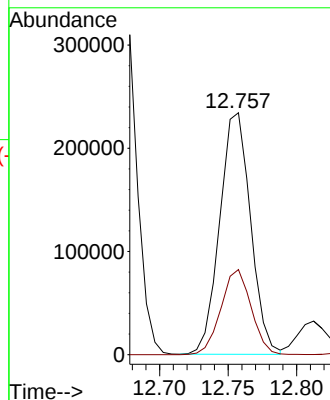
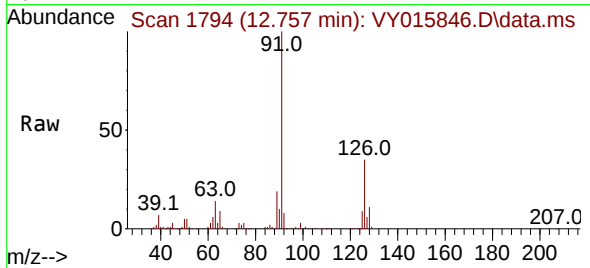




#79
2-Chlorotoluene
Concen: 53.121 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

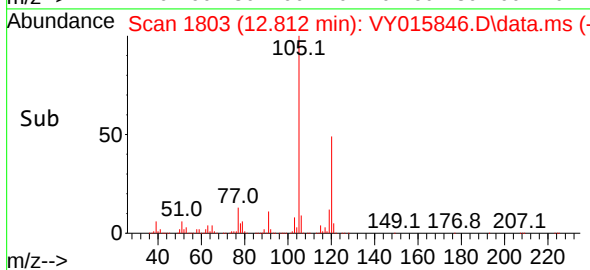
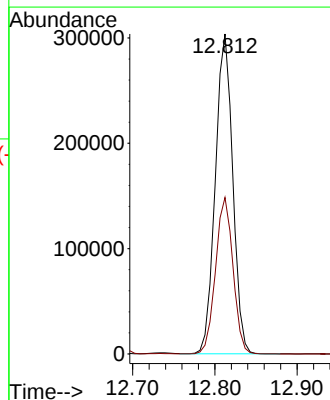
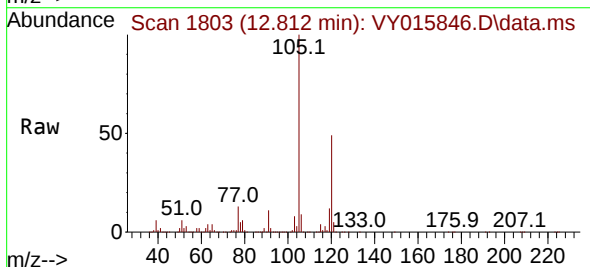
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

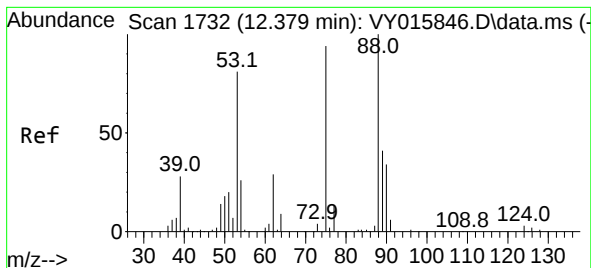
Tgt Ion: 91 Resp: 367280
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.601 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 105 Resp: 447759
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

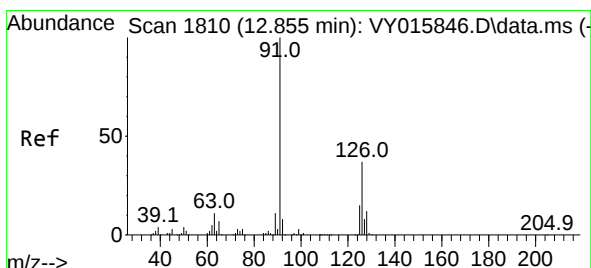
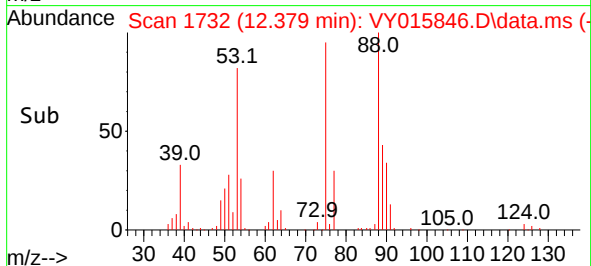
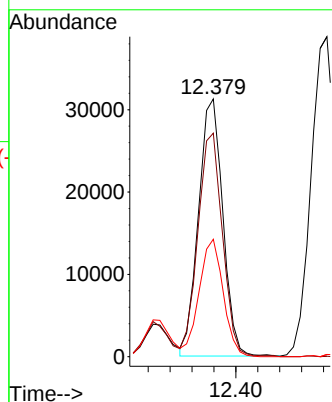
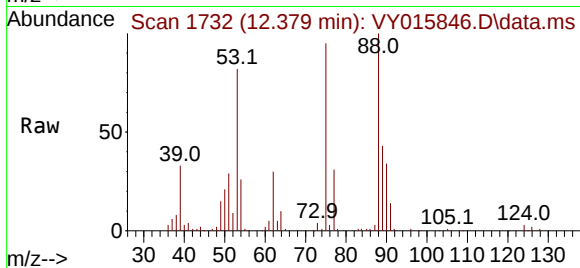




#81
trans-1,4-Dichloro-2-butene
Concen: 48.570 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

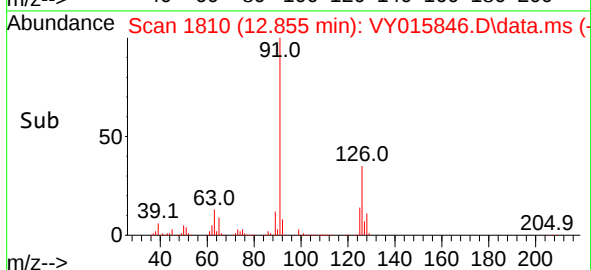
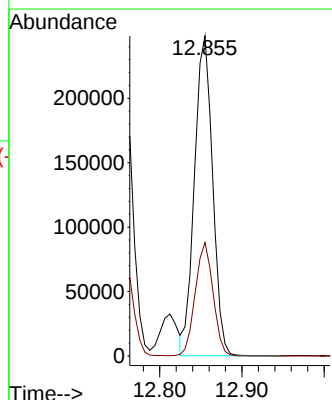
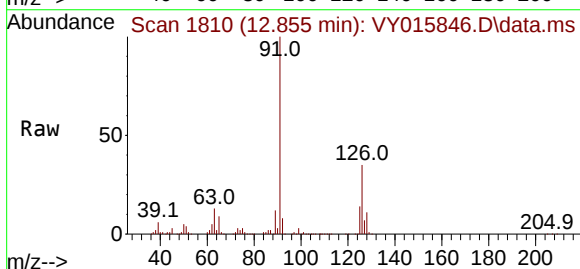
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

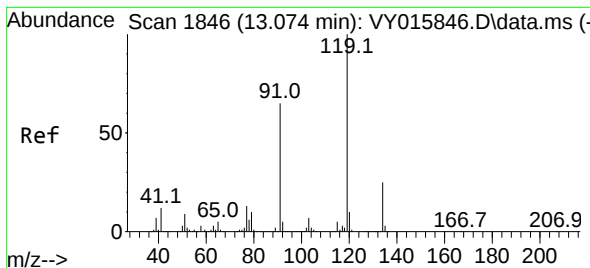
Tgt Ion: 75 Resp: 48061
Ion Ratio Lower Upper
75 100
53 88.2 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.564 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion: 91 Resp: 380374
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.025 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

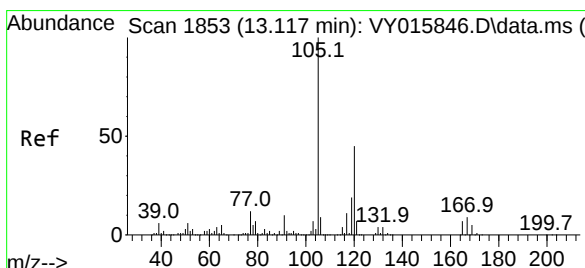
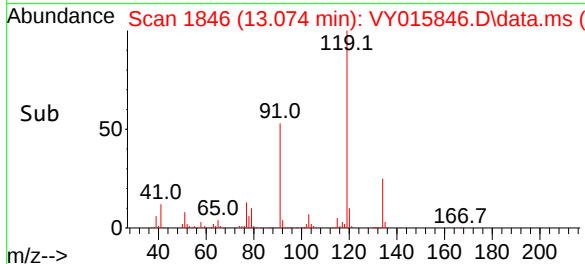
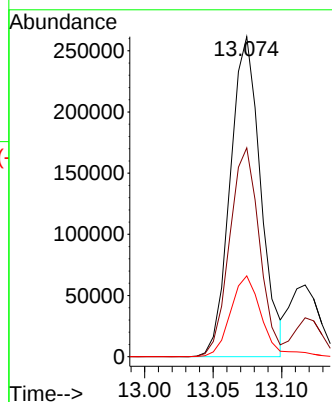
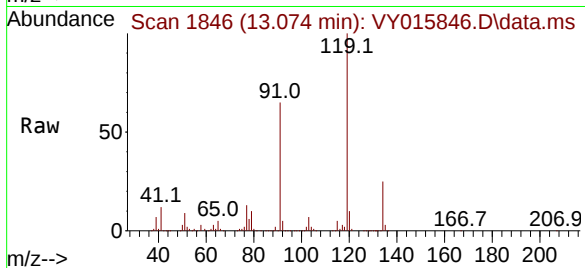
Tgt Ion:119 Resp: 404889

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.579 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015846.D

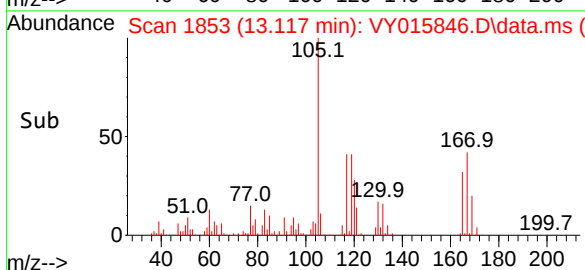
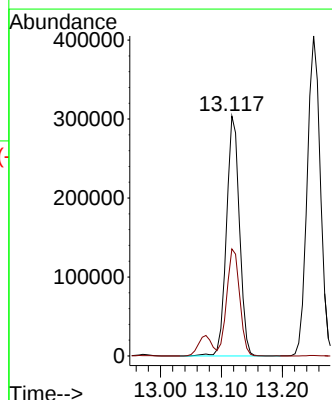
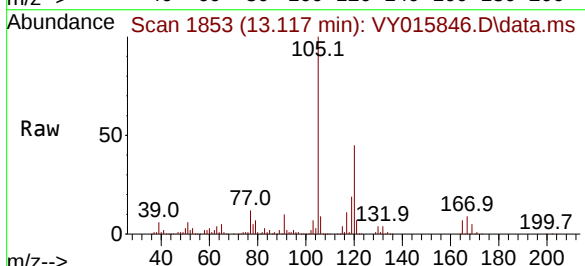
Acq: 05 Oct 2023 13:33

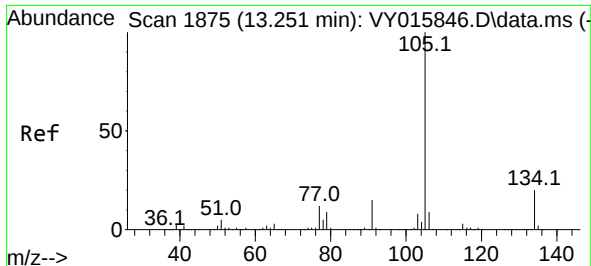
Tgt Ion:105 Resp: 449646

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6

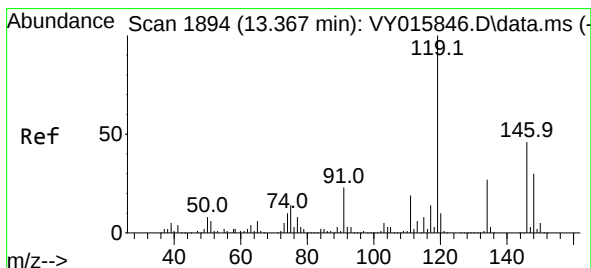
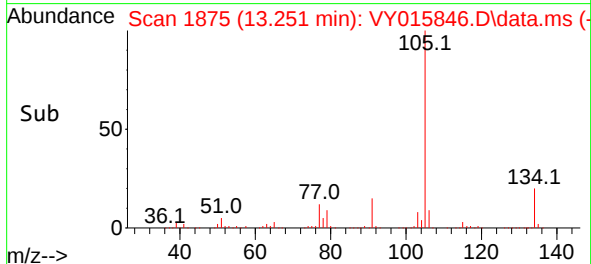
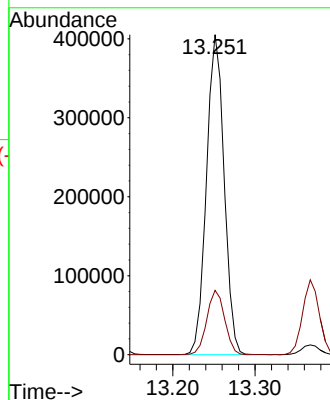
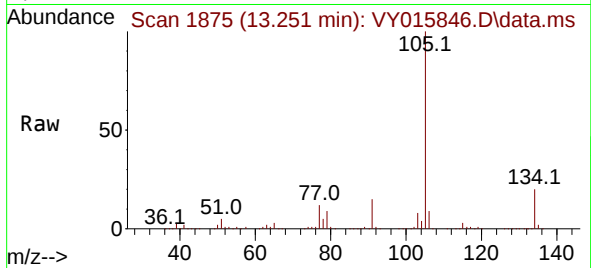




#85
 sec-Butylbenzene
 Concen: 53.933 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

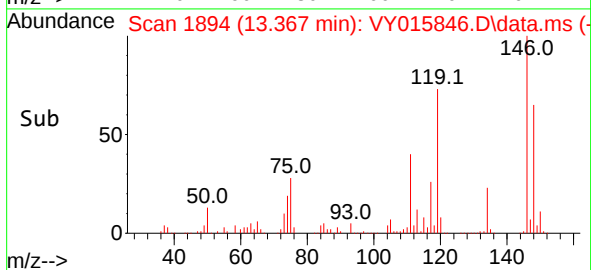
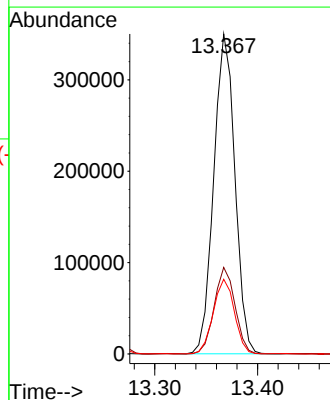
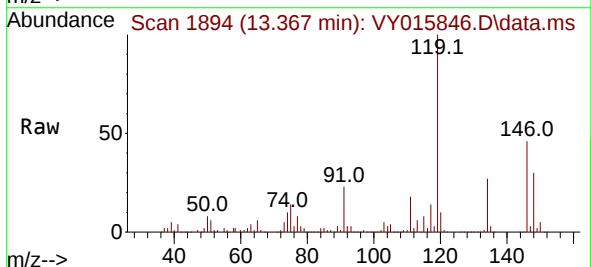
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

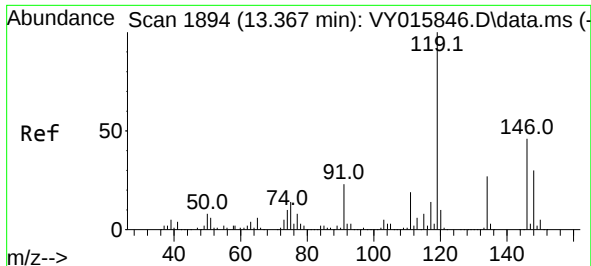
Tgt Ion:105 Resp: 604200
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.560 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015846.D
 Acq: 05 Oct 2023 13:33

Tgt Ion:119 Resp: 499670
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.468 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

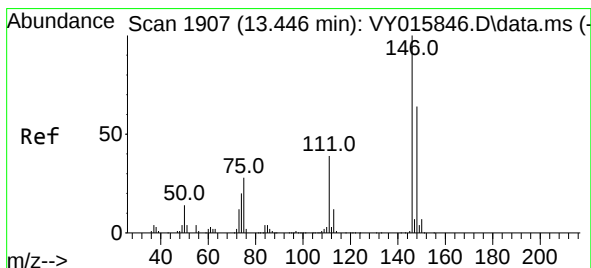
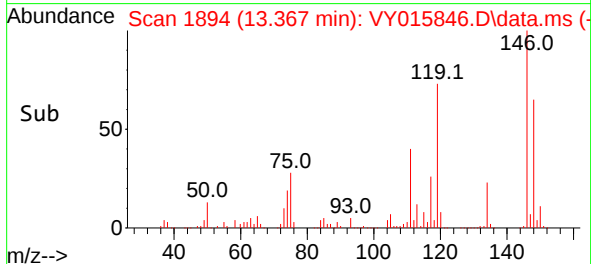
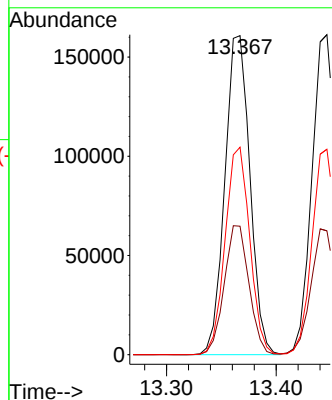
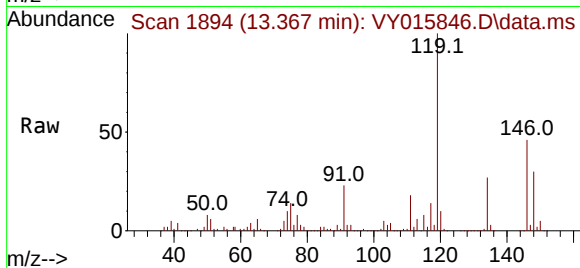
Tgt Ion:146 Resp: 255533

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.659 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

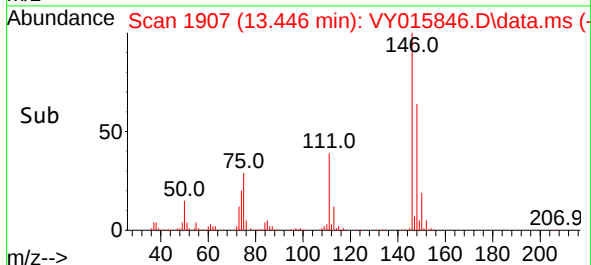
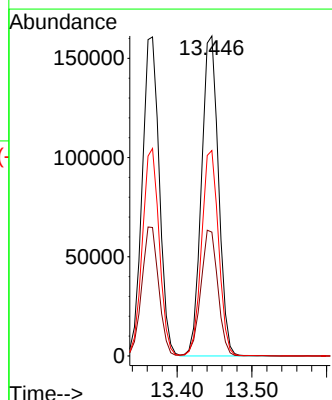
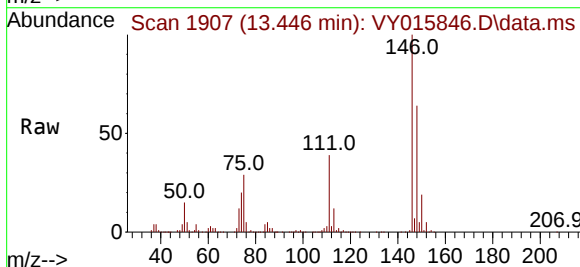
Tgt Ion:146 Resp: 254300

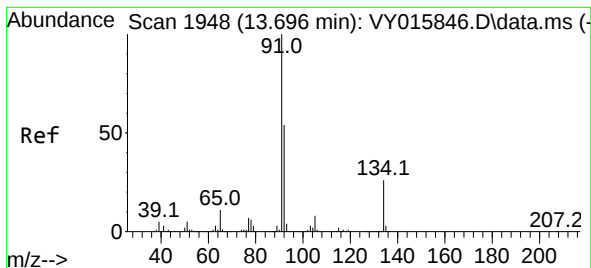
Ion Ratio Lower Upper

146 100

111 39.2 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 53.615 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

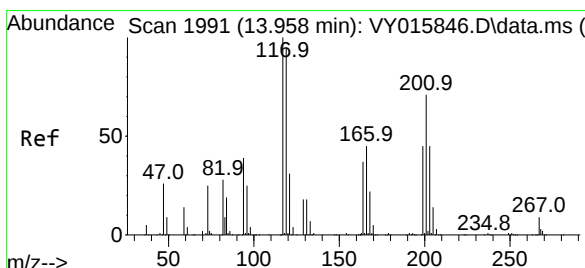
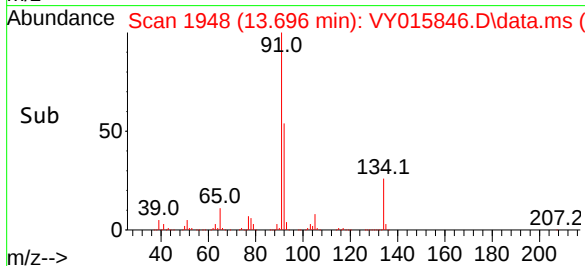
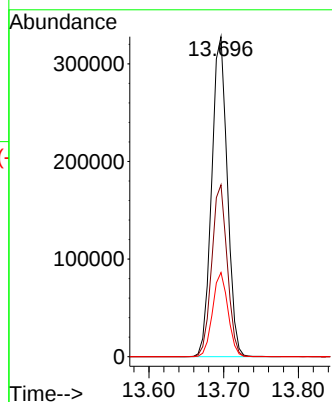
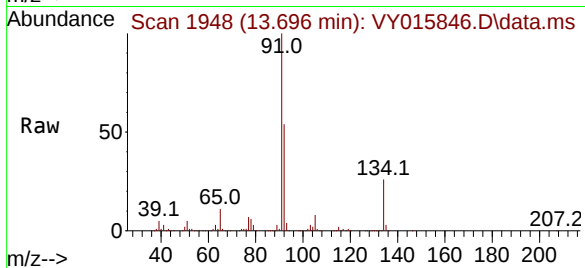
Tgt Ion: 91 Resp: 475946

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 52.947 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015846.D

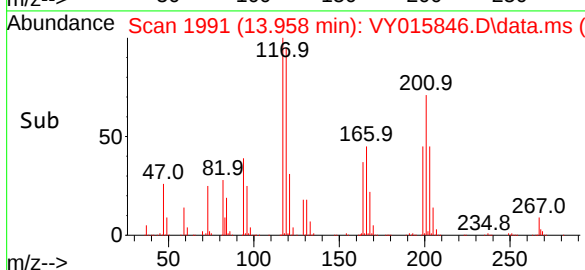
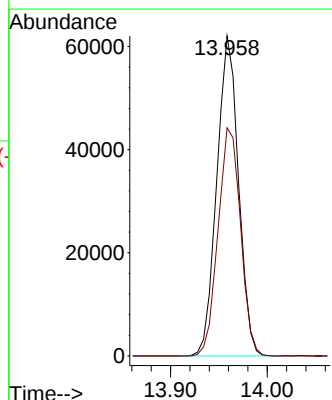
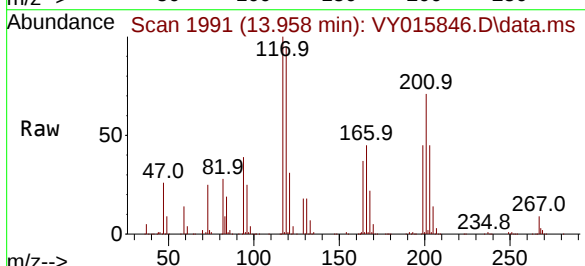
Acq: 05 Oct 2023 13:33

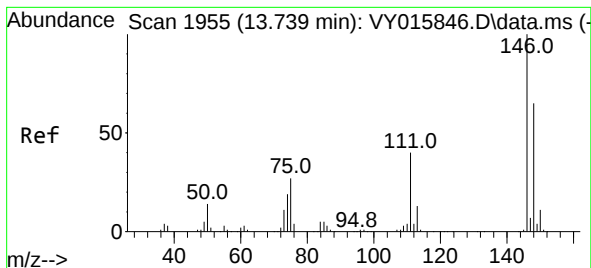
Tgt Ion: 117 Resp: 96413

Ion Ratio Lower Upper

117 100

201 74.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.285 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

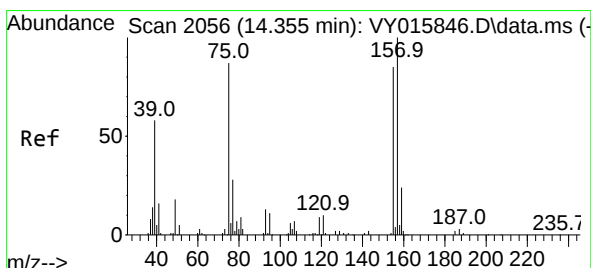
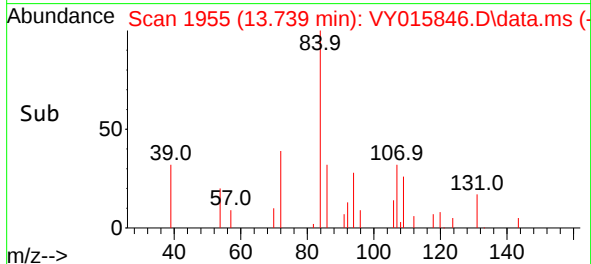
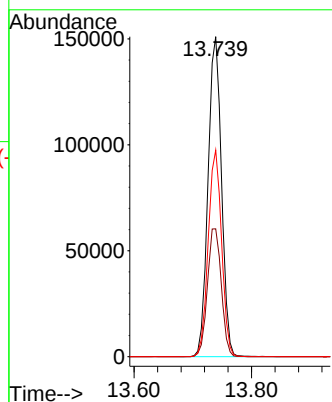
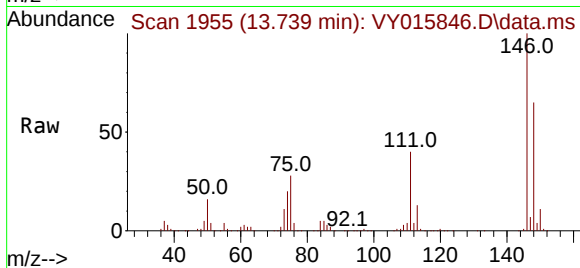
Tgt Ion:146 Resp: 239799

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.632 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

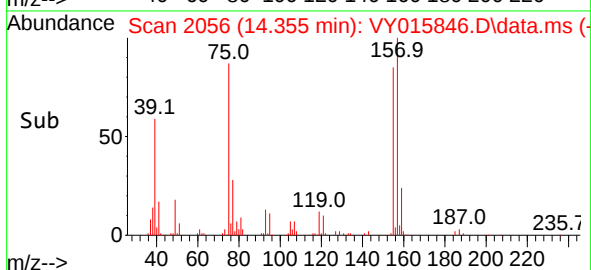
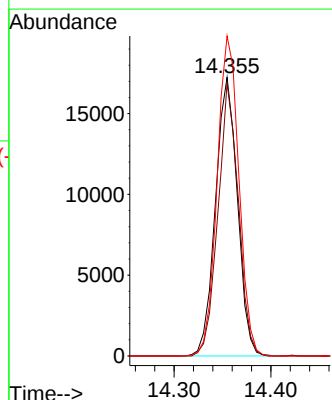
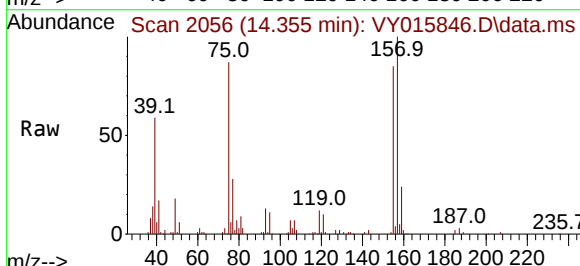
Tgt Ion: 75 Resp: 27111

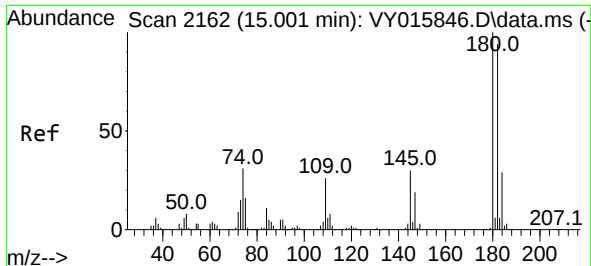
Ion Ratio Lower Upper

75 100

155 90.8 41.5 124.6

157 114.0 51.8 155.5

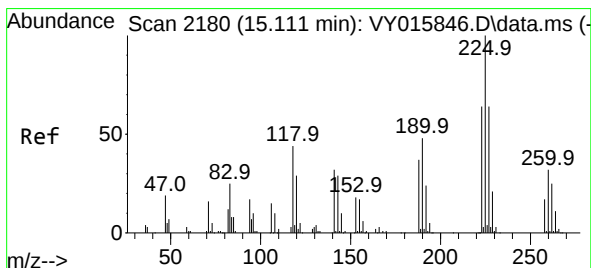
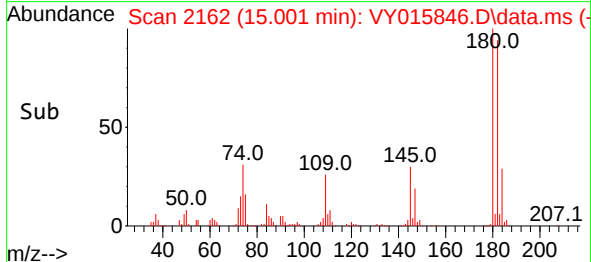
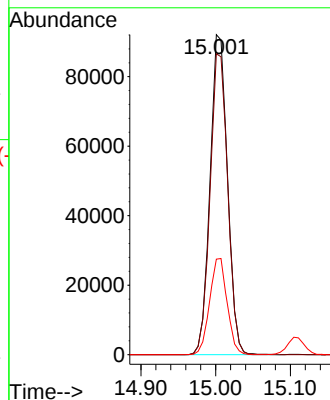
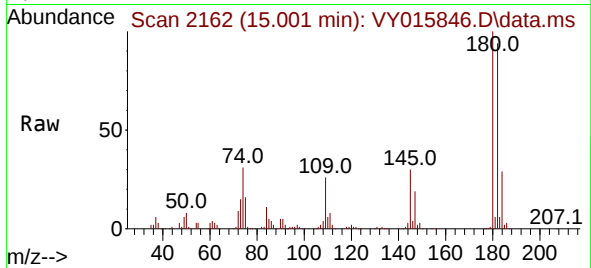




#93
1,2,4-Trichlorobenzene
Concen: 48.950 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

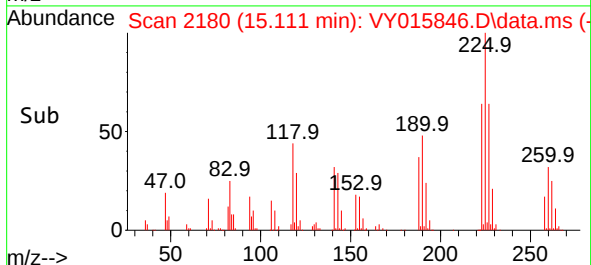
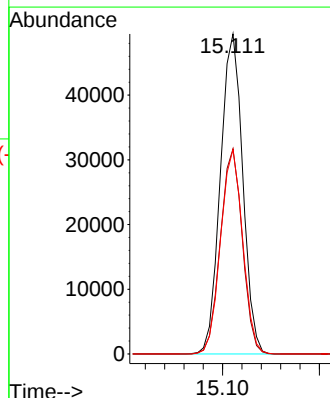
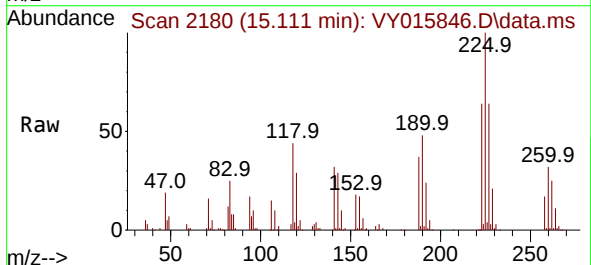
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

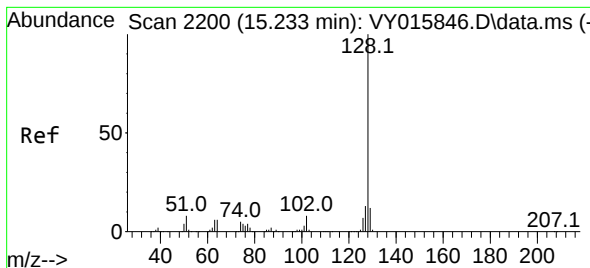
Tgt Ion:180 Resp: 148972
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 30.2 14.5 43.5



#94
Hexachlorobutadiene
Concen: 49.929 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015846.D
Acq: 05 Oct 2023 13:33

Tgt Ion:225 Resp: 79174
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.9
227 63.1 33.0 98.9





#95

Naphthalene

Concen: 45.649 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

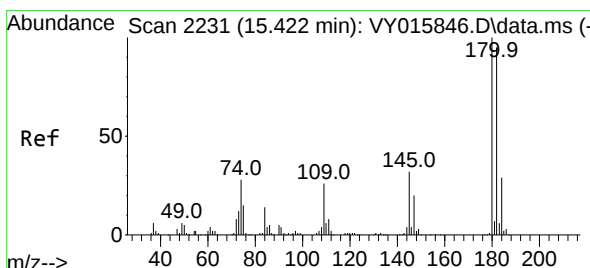
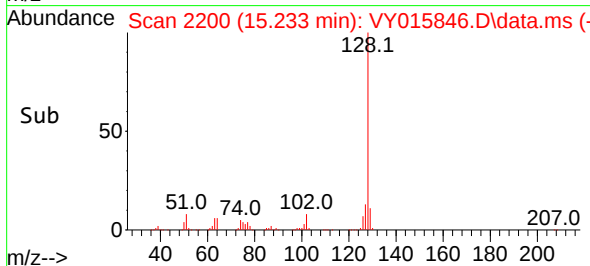
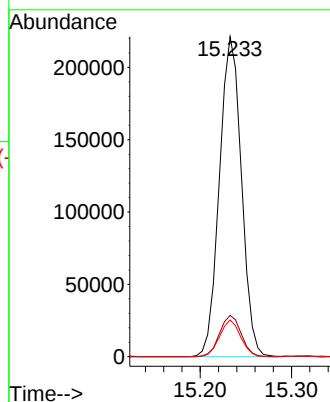
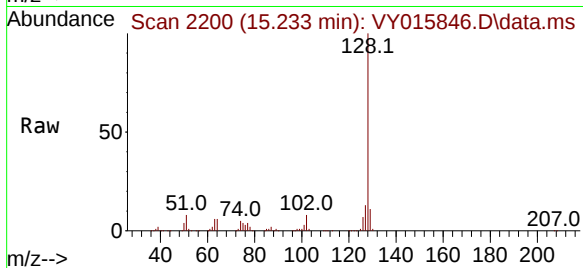
Tgt Ion:128 Resp: 370440

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.036 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015846.D

Acq: 05 Oct 2023 13:33

Tgt Ion:180 Resp: 134120

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.5 15.4 46.2

