

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015842.D
 Acq On : 05 Oct 2023 10:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 06 06:24:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109431	54.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.716	113	104743	55.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	351952	57.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.720%	
62) 4-Bromofluorobenzene	12.483	95	138586	55.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	70298	74.653	ug/l	97
3) Chloromethane	2.107	50	83596	79.882	ug/l	100
4) Vinyl Chloride	2.247	62	99559	75.534	ug/l	97
5) Bromomethane	2.643	94	151709	Below Cal		100
6) Chloroethane	2.784	64	73513	78.085	ug/l	98
7) Trichlorofluoromethane	3.113	101	187282	73.236	ug/l	99
8) Diethyl Ether	3.527	74	78859	70.731	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	122351	73.403	ug/l	95
10) Methyl Iodide	4.082	142	145514	85.912	ug/l	97
11) Tert butyl alcohol	4.984	59	147994	344.063	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	99270	74.471	ug/l	93
13) Acrolein	3.729	56	70355	452.677	ug/l	99
14) Allyl chloride	4.472	41	182285	72.533	ug/l	93
15) Acrylonitrile	5.161	53	289373	332.728	ug/l	98
16) Acetone	3.954	43	332507	318.581	ug/l	91
17) Carbon Disulfide	4.186	76	168418	74.809	ug/l	99
18) Methyl Acetate	4.479	43	238401	70.183	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	438834	69.649	ug/l	100
20) Methylene Chloride	4.710	84	153893	72.123	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	115118	74.972	ug/l	96
22) Diisopropyl ether	6.118	45	454247	69.608	ug/l	92
23) Vinyl Acetate	6.057	43	1375206	348.169	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	243529	70.275	ug/l	98
25) 2-Butanone	6.984	43	456872	318.228	ug/l	96
26) 2,2-Dichloropropane	6.978	77	224947	69.854	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	156592	70.549	ug/l	95
28) Bromochloromethane	7.332	49	75830	37.418	ug/l	94
29) Tetrahydrofuran	7.344	42	268364	335.000	ug/l	92
30) Chloroform	7.502	83	265347	68.449	ug/l	98
31) Cyclohexane	7.783	56	163046	71.802	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	226514	71.476	ug/l	99
36) 1,1-Dichloropropene	7.917	75	171816	76.210	ug/l	99
37) Ethyl Acetate	7.076	43	170904	67.740	ug/l	96
38) Carbon Tetrachloride	7.899	117	195072	73.587	ug/l	98
39) Methylcyclohexane	9.185	83	192689	79.916	ug/l	92
40) Benzene	8.161	78	520135	73.524	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	71589	59.271	ug/l	91
42) 1,2-Dichloroethane	8.234	62	179058	70.297	ug/l	94
43) Isopropyl Acetate	8.271	43	302625	69.689	ug/l	97
44) Trichloroethene	8.941	130	148826	71.882	ug/l	100
45) 1,2-Dichloropropane	9.215	63	148158	70.805	ug/l	97
46) Dibromomethane	9.307	93	93700	70.042	ug/l	97
47) Bromodichloromethane	9.496	83	219116	70.564	ug/l	98
48) Methyl methacrylate	9.289	41	132673	69.953	ug/l	89
49) 1,4-Dioxane	9.307	88	40887	1364.424	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	924896	340.464	ug/l	91
52) Toluene	10.246	92	343690	74.253	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	235971	72.423	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	247604	71.584	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	143551	68.304	ug/l	97
56) Ethyl methacrylate	10.508	69	219720	72.105	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	237663	70.734	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	251863	141.850	ug/l	95
59) 2-Hexanone	10.831	43	711472	337.512	ug/l	89
60) Dibromochloromethane	10.983	129	170058	70.056	ug/l	99
61) 1,2-Dibromoethane	11.087	107	137917	70.220	ug/l	98
64) Tetrachloroethene	10.721	164	154763	72.824	ug/l	97
65) Chlorobenzene	11.520	112	396085	70.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	161561	70.276	ug/l	99
67) Ethyl Benzene	11.593	91	692451	72.355	ug/l	99
68) m/p-Xylenes	11.703	106	527611	145.030	ug/l	96
69) o-Xylene	12.032	106	262920	72.659	ug/l	98
70) Styrene	12.044	104	461235	73.014	ug/l	96
71) Bromoform	12.209	173	121110	70.649	ug/l #	99
73) Isopropylbenzene	12.331	105	707360	71.198	ug/l	100
74) N-amyl acetate	12.142	43	268187	69.856	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	197361	67.250	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	257810	113.553	ug/l #	100
77) Bromobenzene	12.611	156	170684	69.446	ug/l	93
78) n-propylbenzene	12.672	91	854590	71.813	ug/l	100
79) 2-Chlorotoluene	12.758	91	482809	70.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	591581	71.448	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	69245	70.602	ug/l	94
82) 4-Chlorotoluene	12.855	91	507103	70.701	ug/l	100
83) tert-Butylbenzene	13.075	119	531218	70.189	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	589138	70.826	ug/l	98
85) sec-Butylbenzene	13.251	105	797054	71.782	ug/l	100
86) p-Isopropyltoluene	13.367	119	665723	71.996	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	340931	69.281	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	340287	68.393	ug/l	99
89) n-Butylbenzene	13.696	91	633436	71.992	ug/l	97
90) Hexachloroethane	13.959	117	129634	71.825	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	319369	68.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	38950	66.143	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	208967	69.276	ug/l	99
94) Hexachlorobutadiene	15.111	225	108545	69.061	ug/l	97
95) Naphthalene	15.239	128	558892	69.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	192532	68.123	ug/l	99

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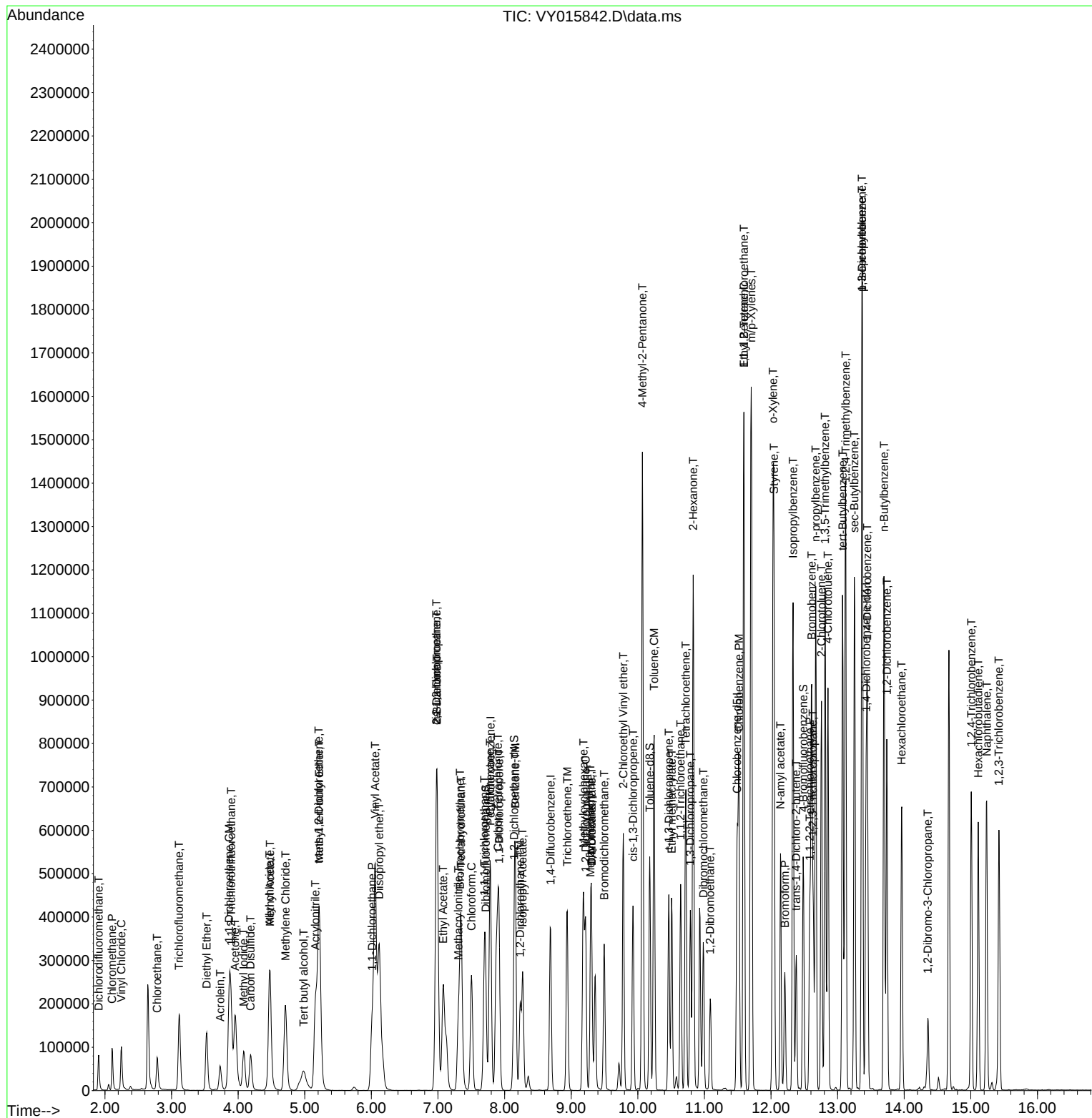
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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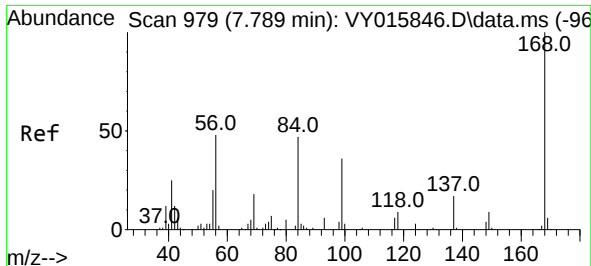
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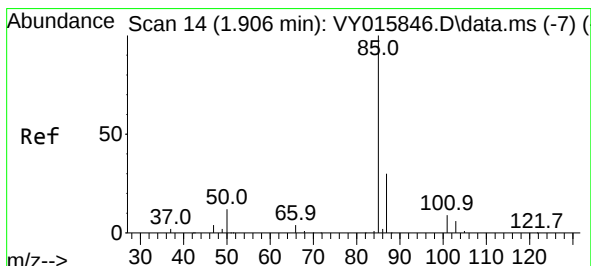
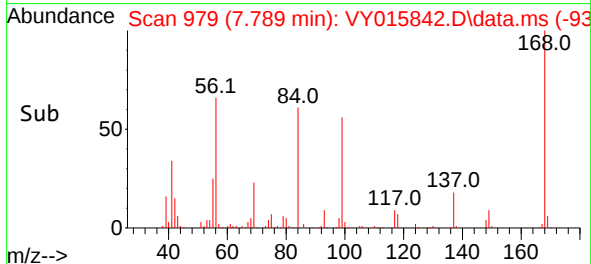
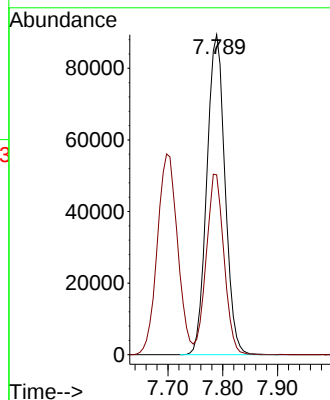
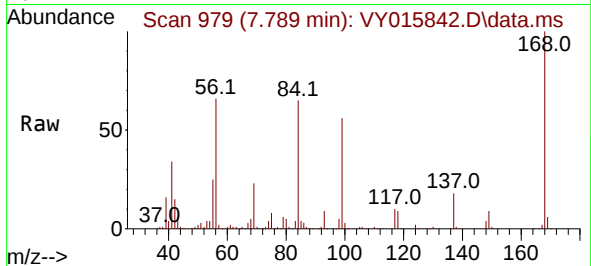




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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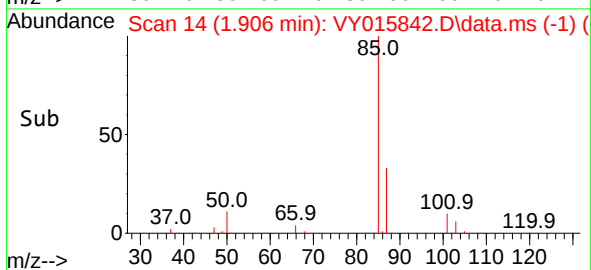
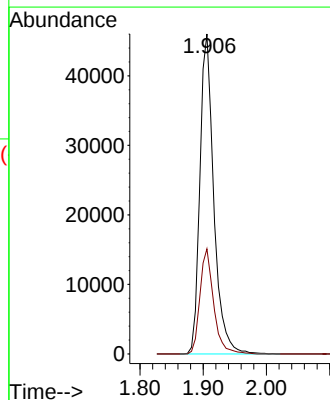
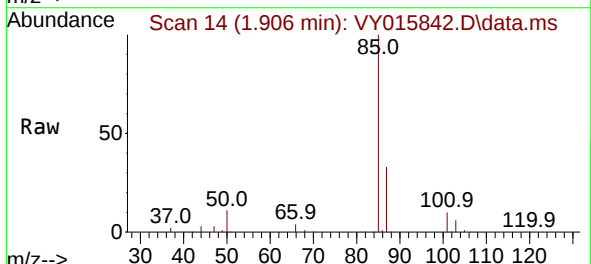
Instrument :
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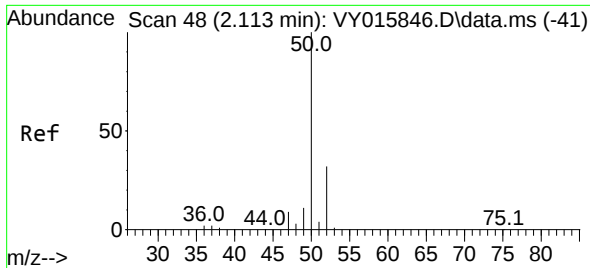
Tgt Ion:168 Resp: 204764
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 74.653 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 85 Resp: 70298
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

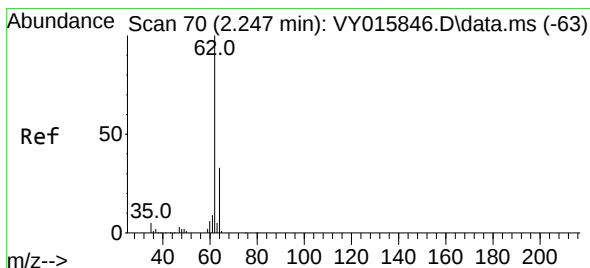
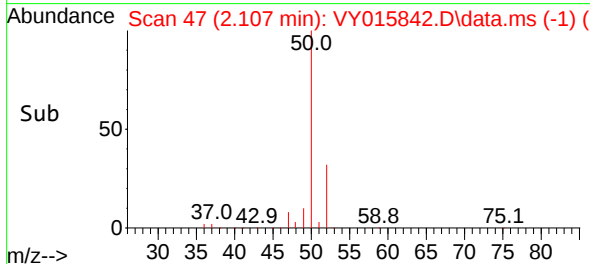
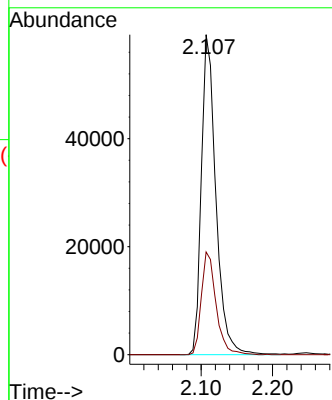
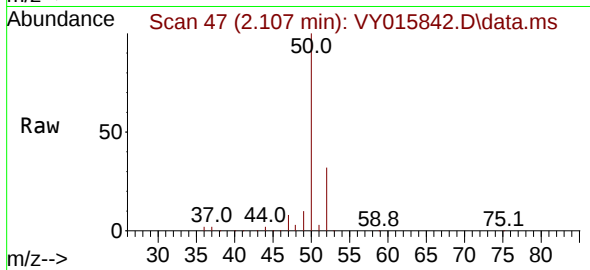




#3
Chloromethane
Concen: 79.882 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

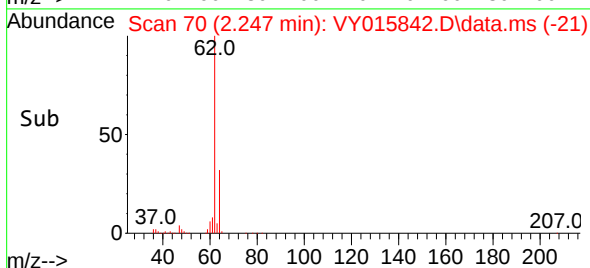
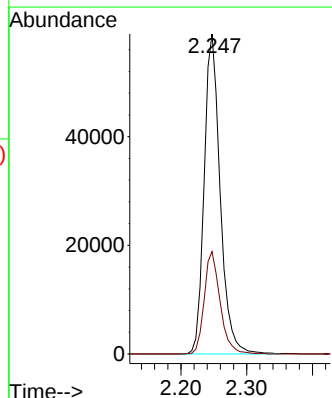
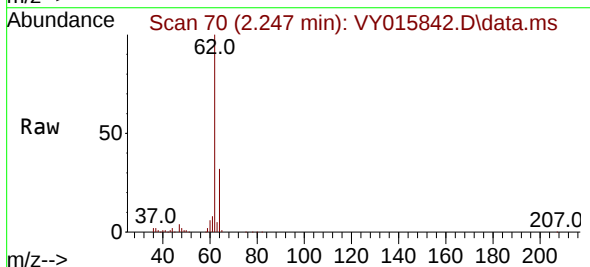
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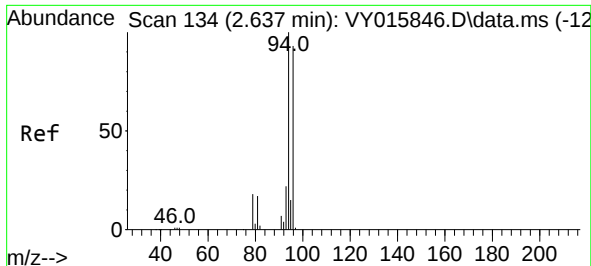
Tgt Ion: 50 Resp: 83596
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 75.534 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 62 Resp: 99559
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

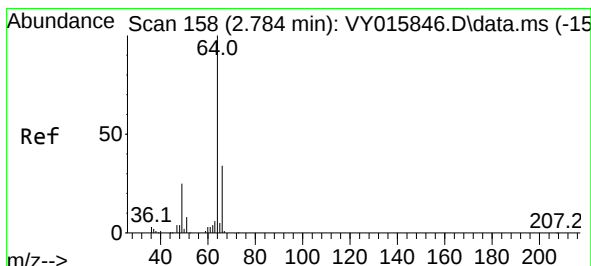
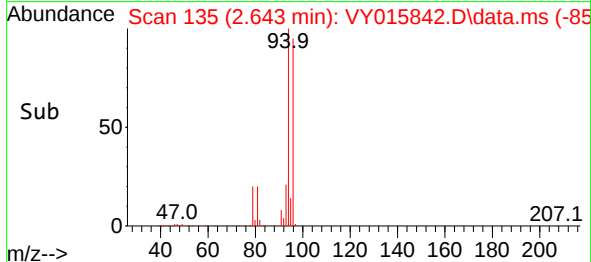
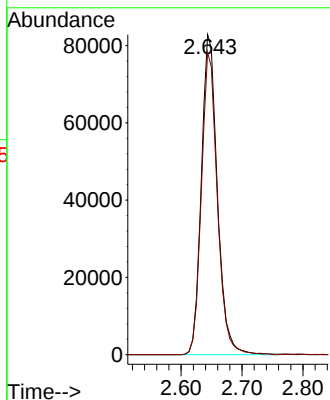
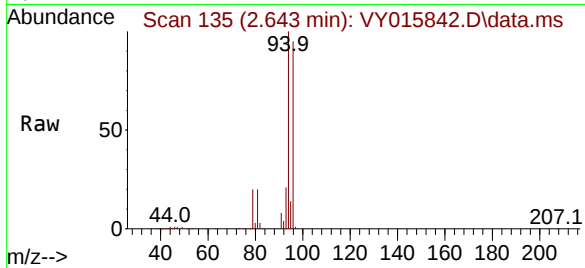




#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015842.D
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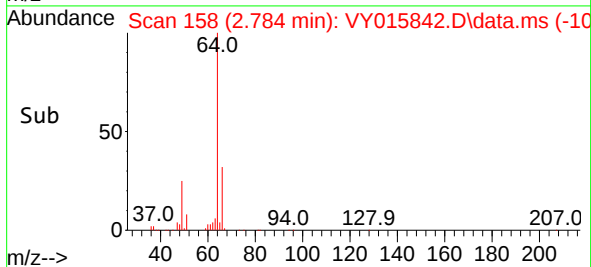
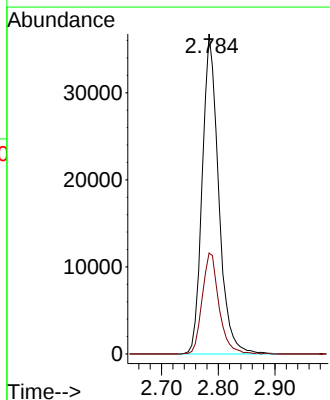
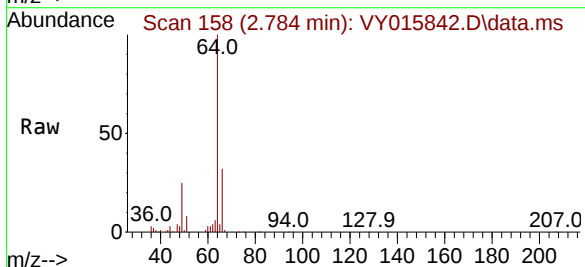
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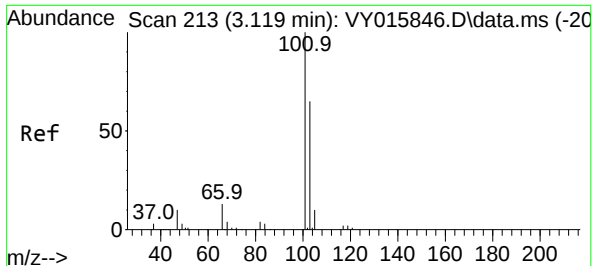
Tgt Ion: 94 Resp: 151709
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6



#6
Chloroethane
Concen: 78.085 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015842.D
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Tgt Ion: 64 Resp: 73513
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

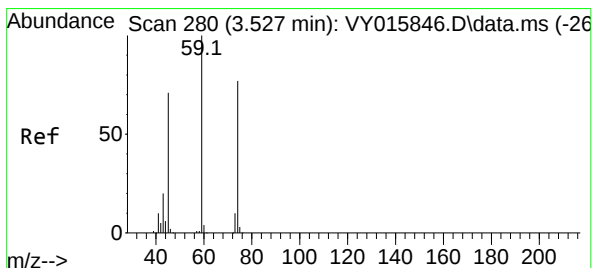
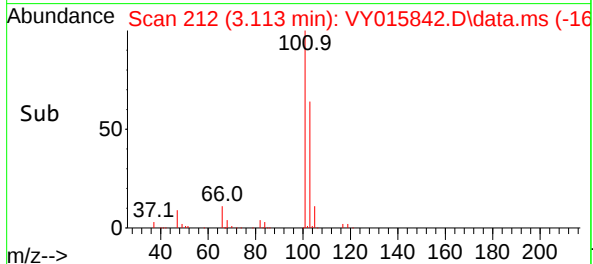
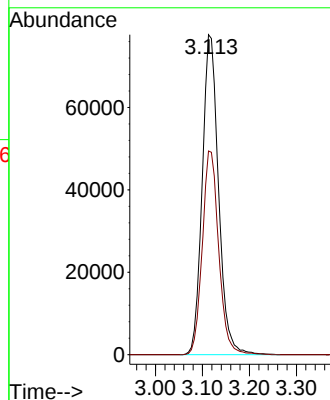
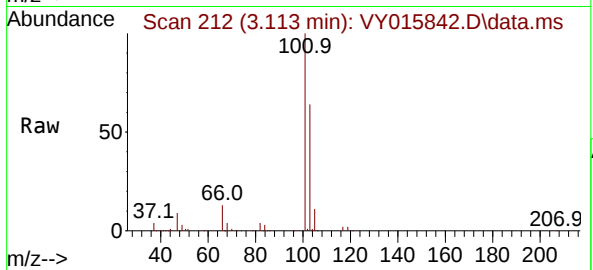




#7
 Trichlorofluoromethane
 Concen: 73.236 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY015842.D
 Acq: 05 Oct 2023 10:58

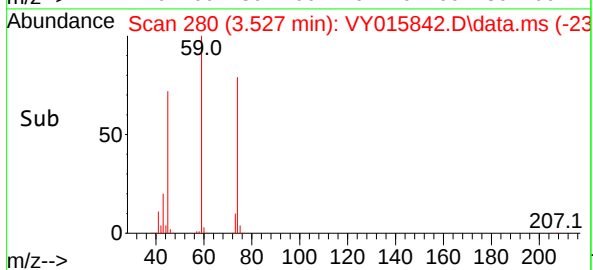
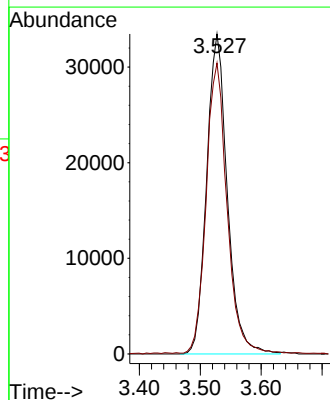
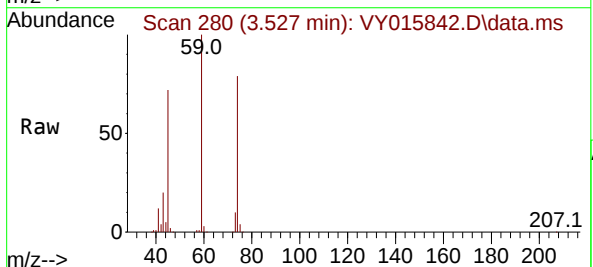
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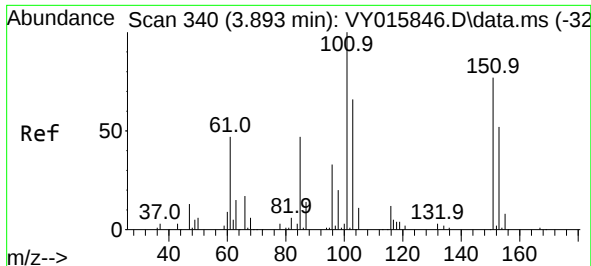
Tgt Ion:101 Resp: 187282
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 70.731 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY015842.D
 Acq: 05 Oct 2023 10:58

Tgt Ion: 74 Resp: 78859
 Ion Ratio Lower Upper
 74 100
 45 91.7 51.5 154.5

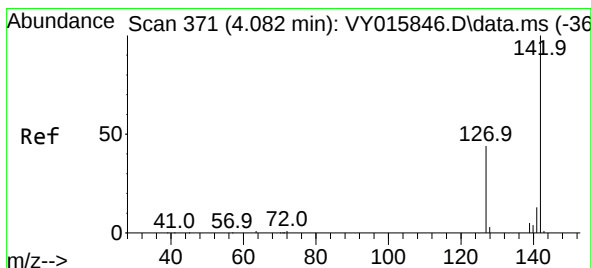
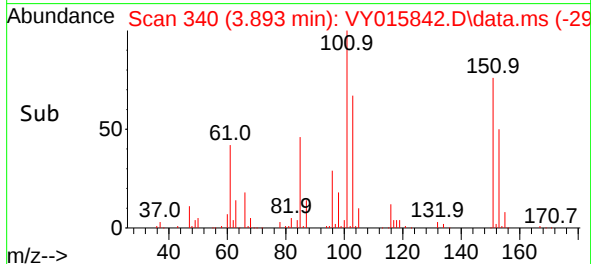
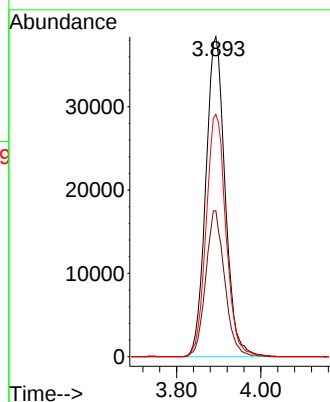
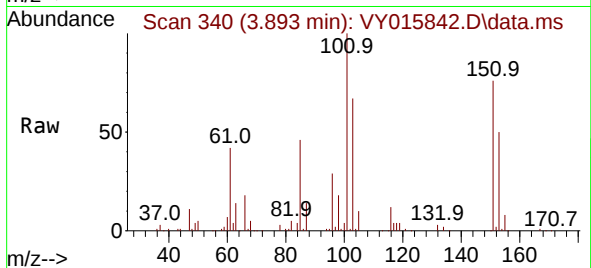




#9
1,1,2-Trichlorotrifluoroethane
Concen: 73.403 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

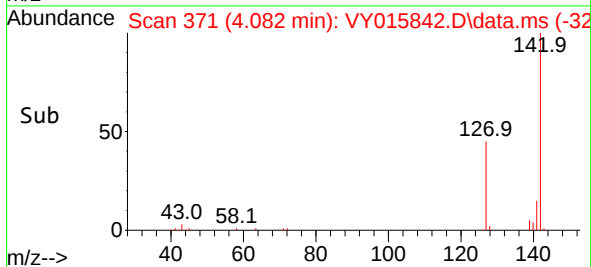
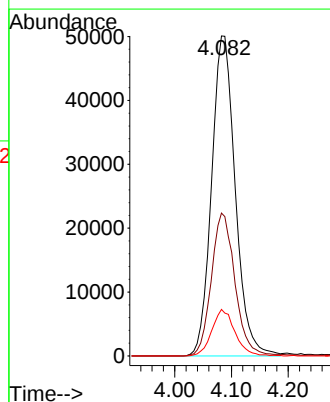
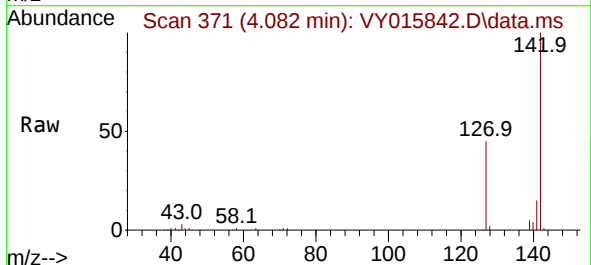
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

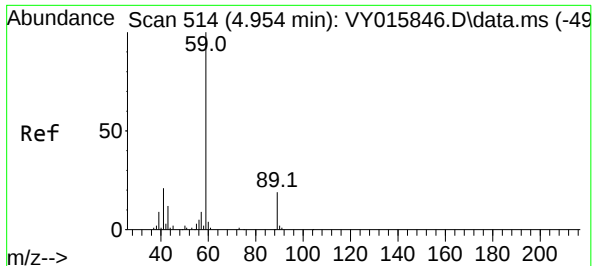
Tgt Ion:101 Resp: 122351
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 85.912 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion:142 Resp: 145514
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.2 11.8 17.8

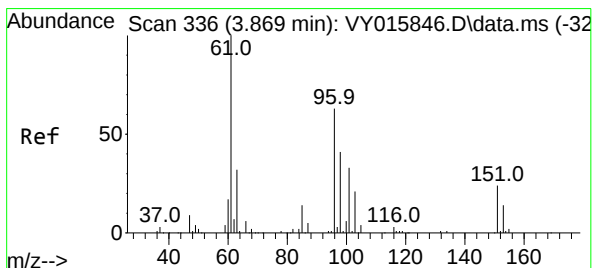
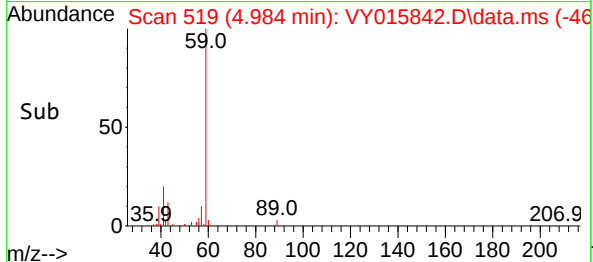
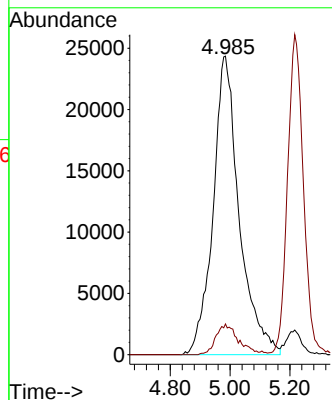
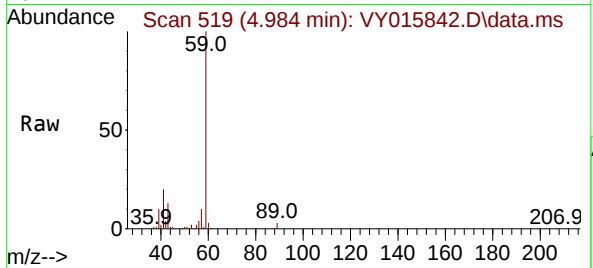




#11
Tert butyl alcohol
Concen: 344.063 ug/l
RT: 4.984 min Scan# 514
Delta R.T. 0.030 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

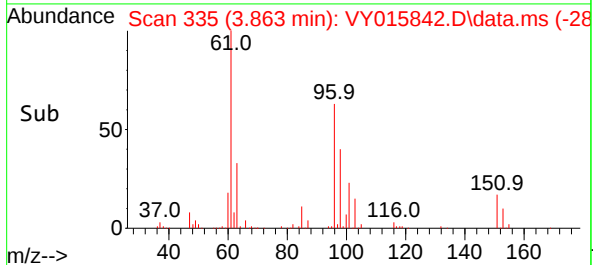
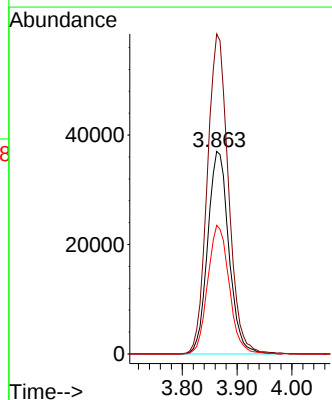
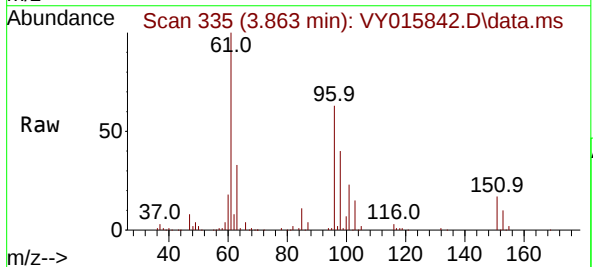
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

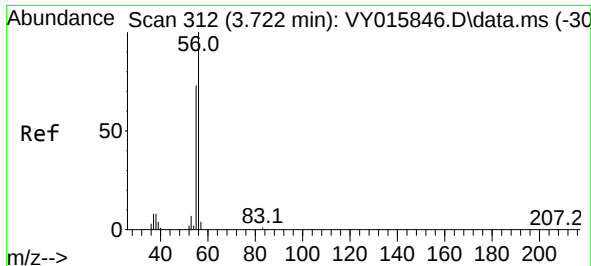
Tgt Ion: 59 Resp: 147994
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 74.471 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 96 Resp: 99270
Ion Ratio Lower Upper
96 100
61 158.0 136.4 204.6
98 63.5 49.4 74.2





#13

Acrolein

Concen: 452.677 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

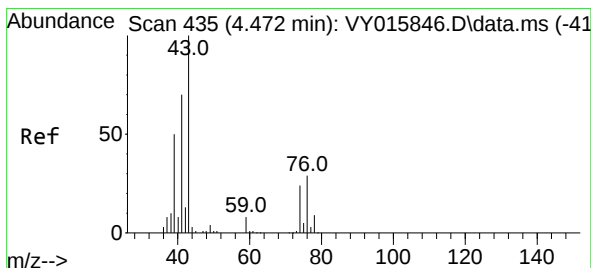
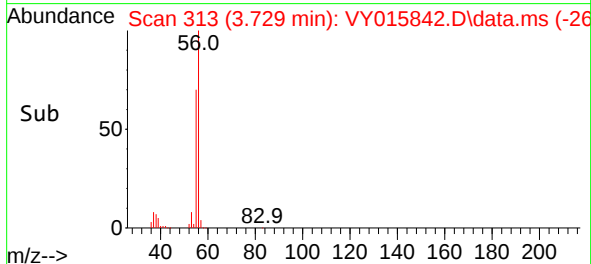
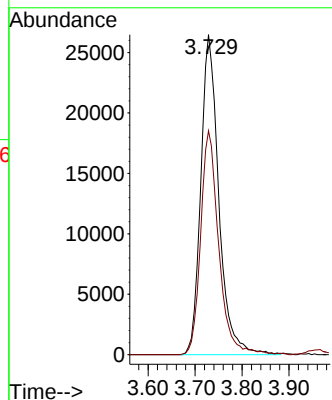
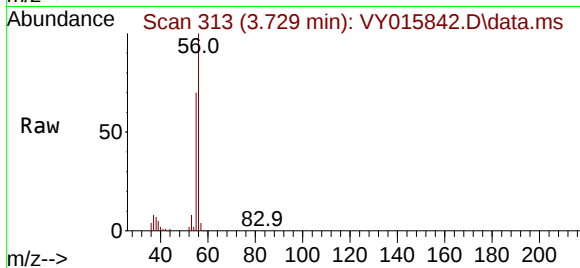
VSTDCCC050

Tgt Ion: 56 Resp: 70355

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 72.533 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

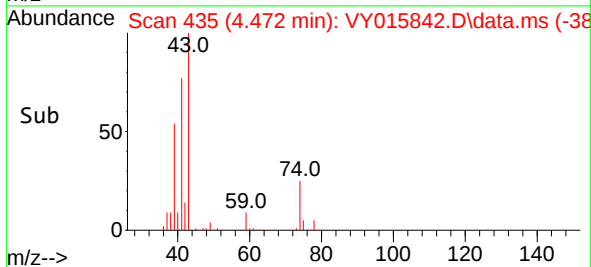
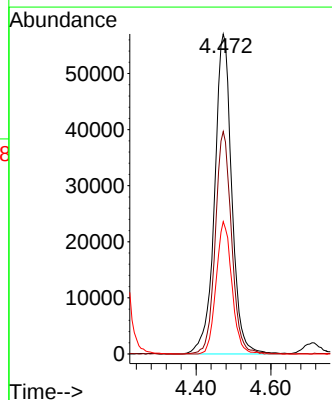
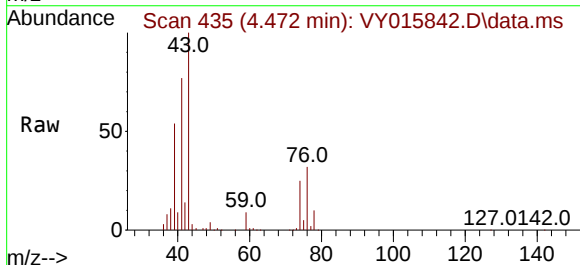
Tgt Ion: 41 Resp: 182285

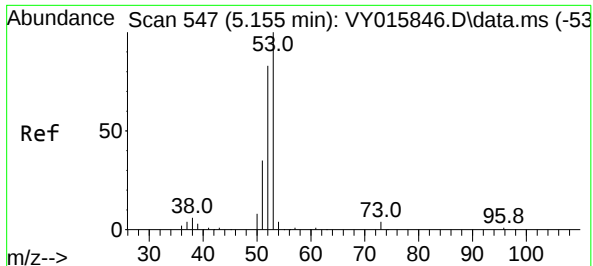
Ion Ratio Lower Upper

41 100

39 65.8 58.0 87.0

76 37.9 27.4 41.2

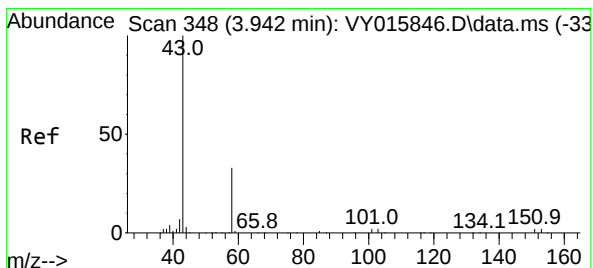
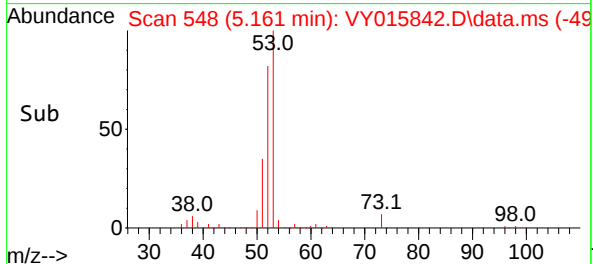
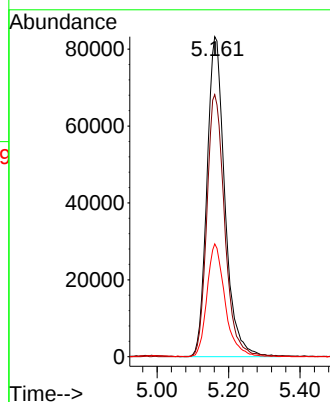
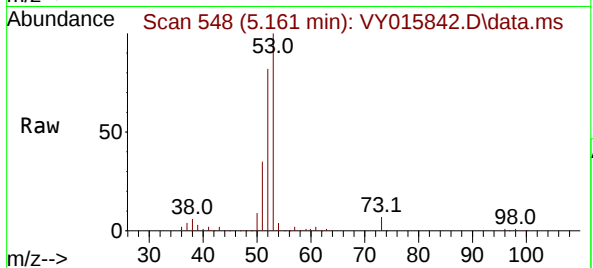




#15
Acrylonitrile
Concen: 332.728 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

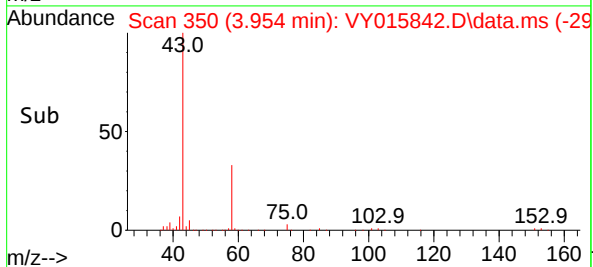
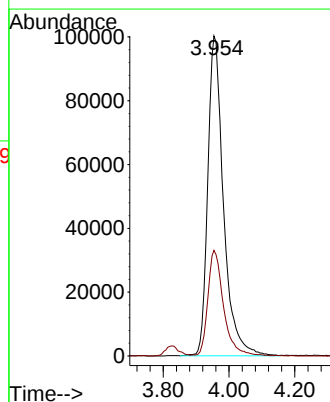
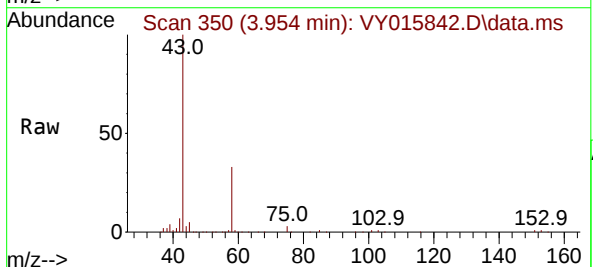
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

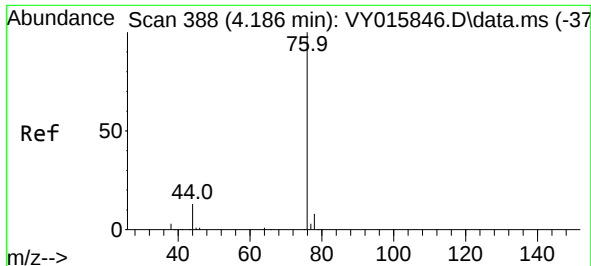
Tgt Ion: 53 Resp: 289373
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 318.581 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 43 Resp: 332507
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

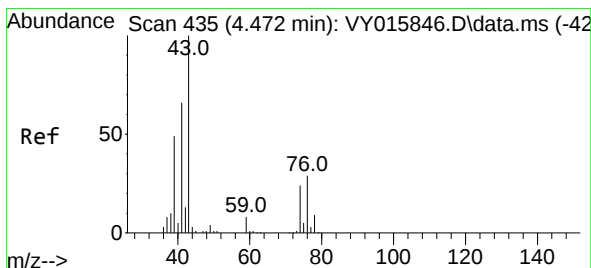
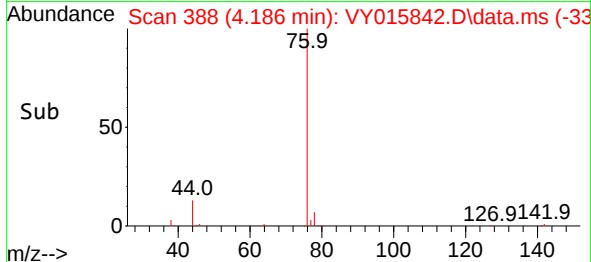
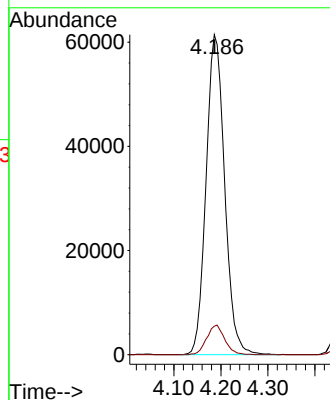
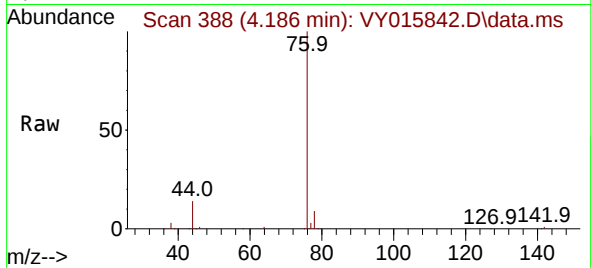




#17
Carbon Disulfide
Concen: 74.809 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

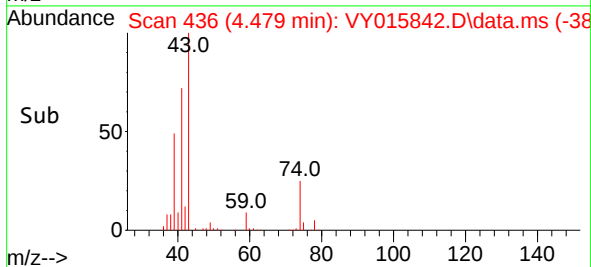
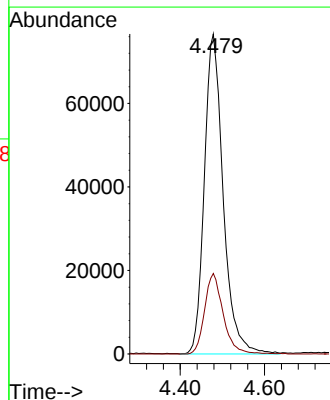
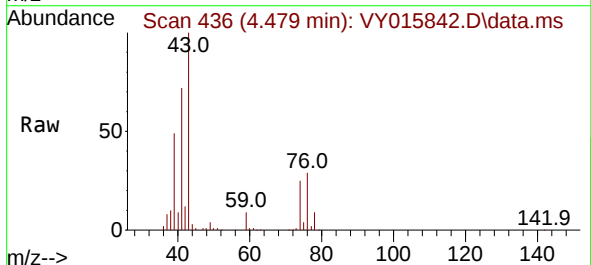
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

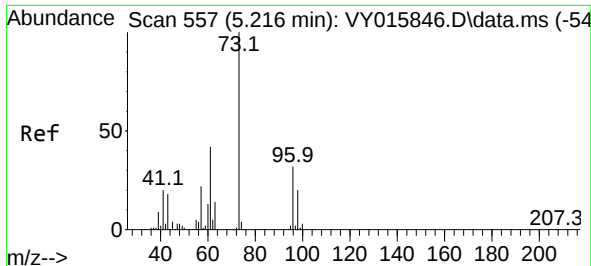
Tgt Ion: 76 Resp: 168418
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 70.183 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 43 Resp: 238401
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 69.649 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

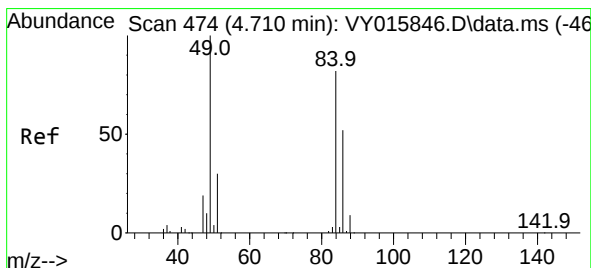
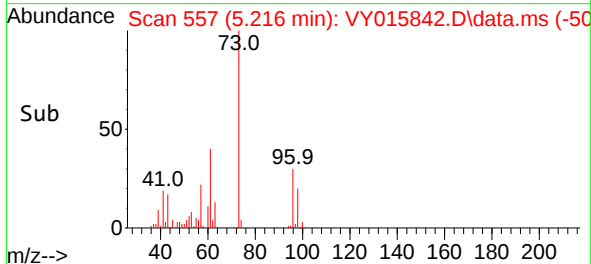
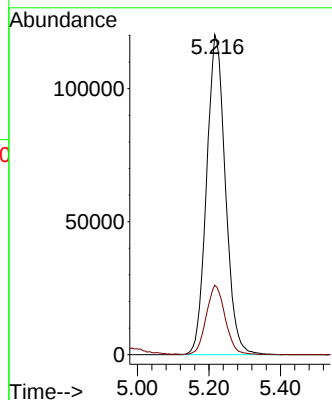
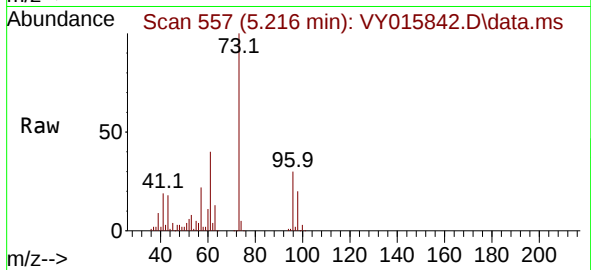
VSTDCCC050

Tgt Ion: 73 Resp: 438834

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 72.123 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Tgt Ion: 84 Resp: 153893

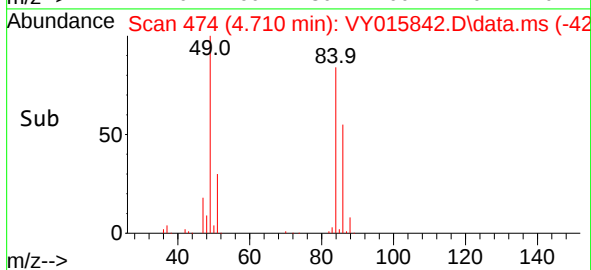
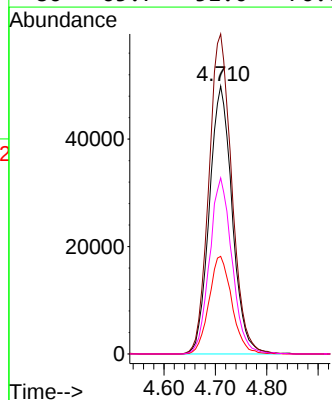
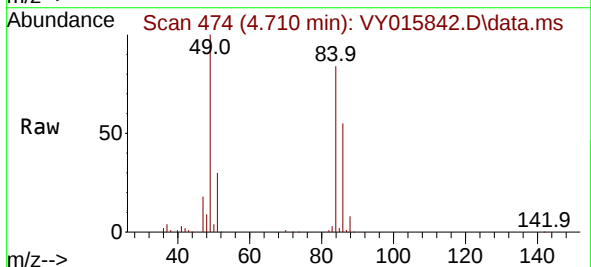
Ion Ratio Lower Upper

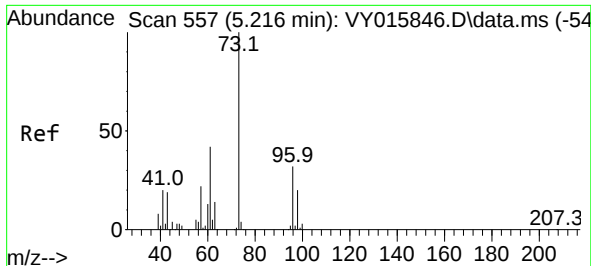
84 100

49 119.5 106.9 160.3

51 36.4 33.2 49.8

86 65.7 51.0 76.6

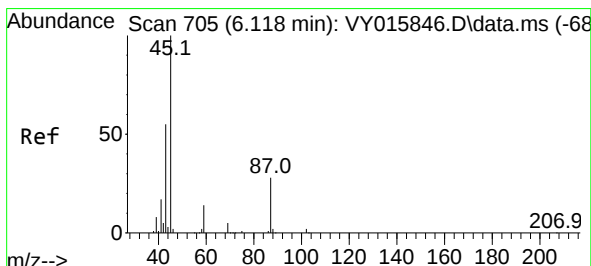
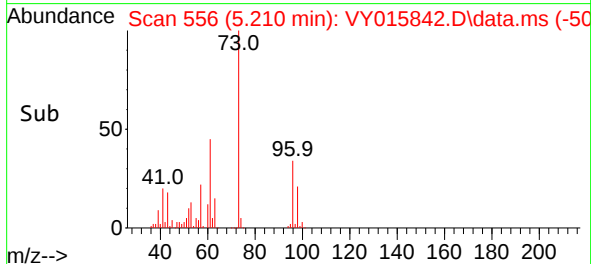
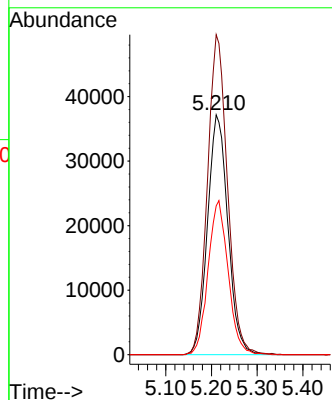
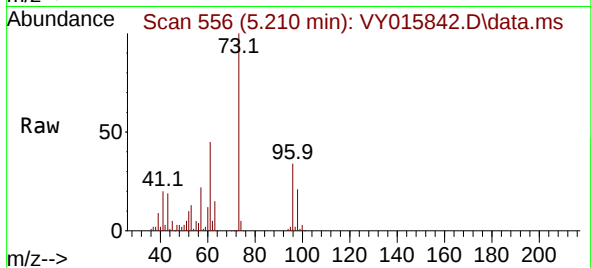




#21
trans-1,2-Dichloroethene
Concen: 74.972 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

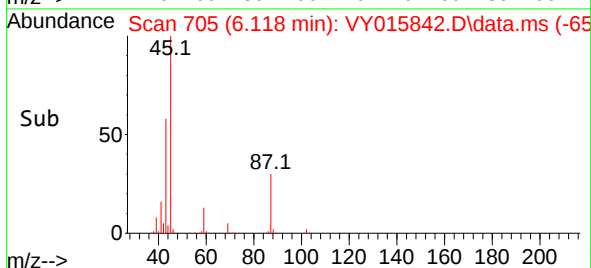
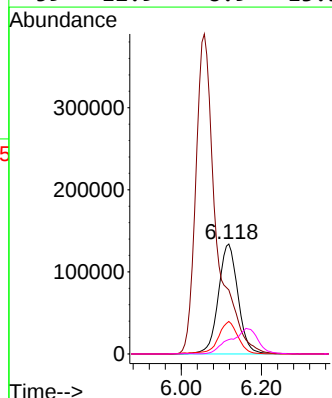
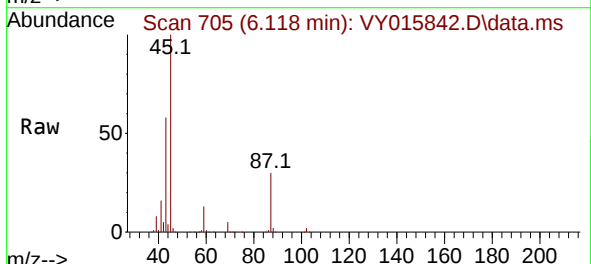
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

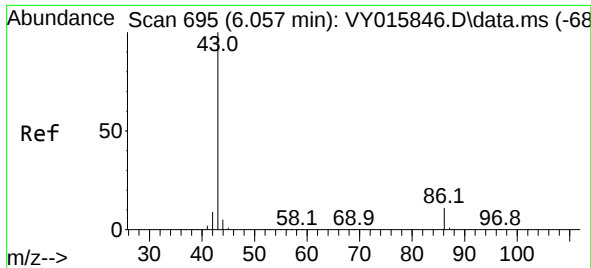
Tgt Ion: 96 Resp: 115118
Ion Ratio Lower Upper
96 100
61 133.4 110.2 165.4
98 62.0 51.8 77.6



#22
Diisopropyl ether
Concen: 69.608 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 45 Resp: 454247
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.6 21.0 31.6
59 12.9 8.9 13.3

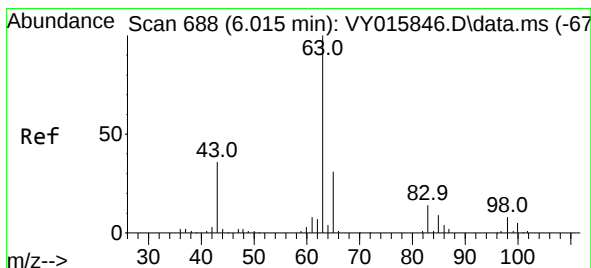
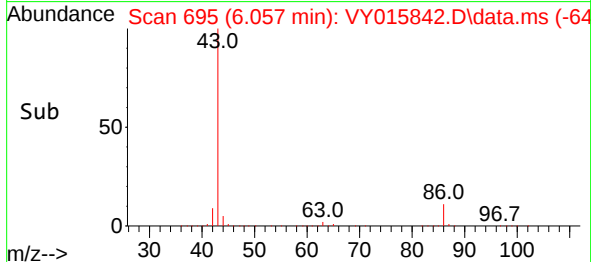
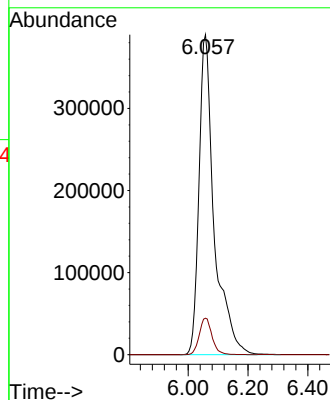
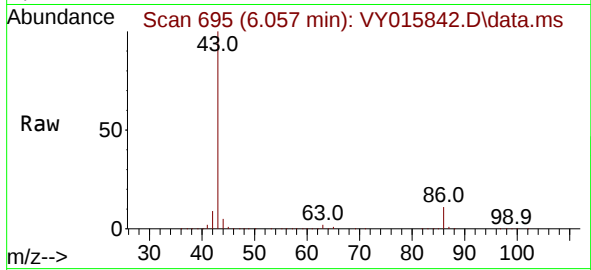




#23
 Vinyl Acetate
 Concen: 348.169 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY015842.D
 Acq: 05 Oct 2023 10:58

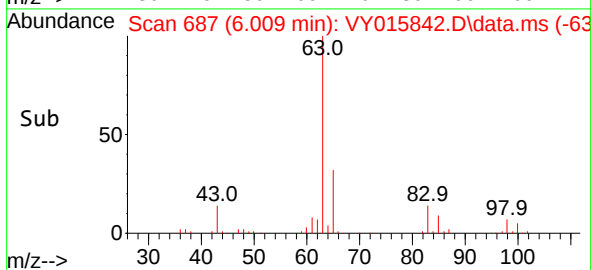
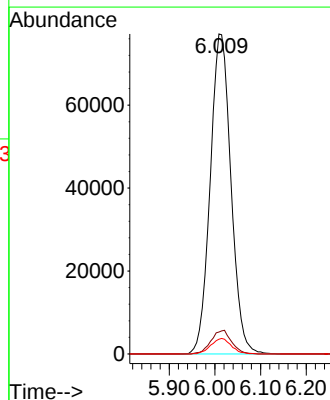
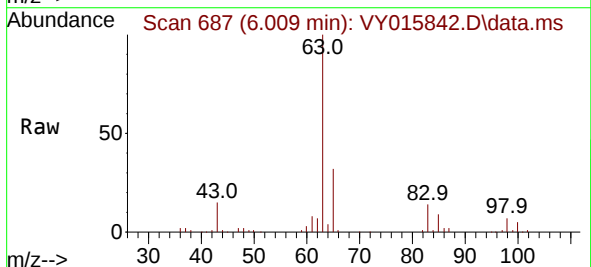
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

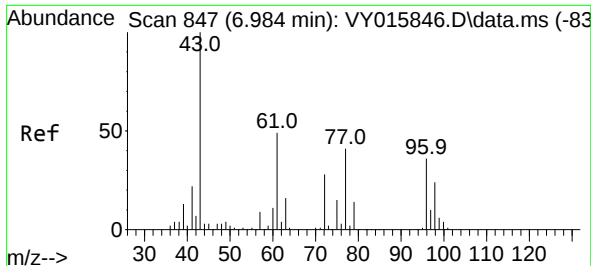
Tgt Ion: 43 Resp: 1375206
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 70.275 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY015842.D
 Acq: 05 Oct 2023 10:58

Tgt Ion: 63 Resp: 243529
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.6 1.8 5.5

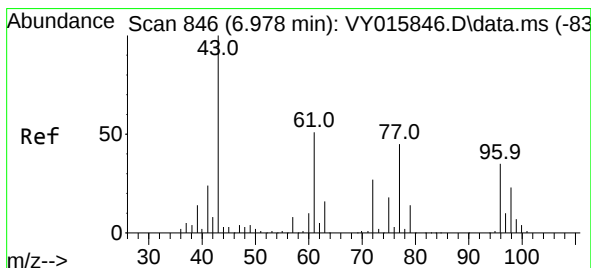
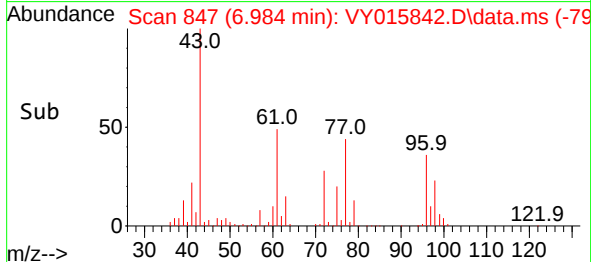
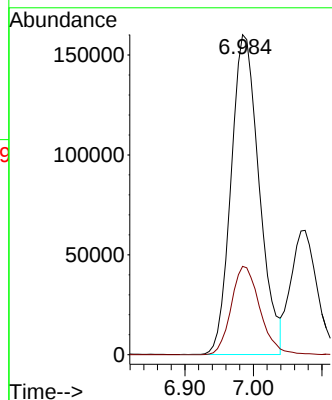
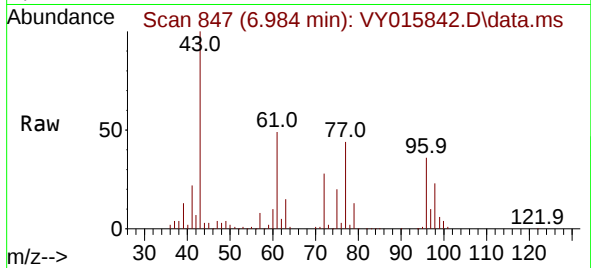




#25
2-Butanone
Concen: 318.228 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

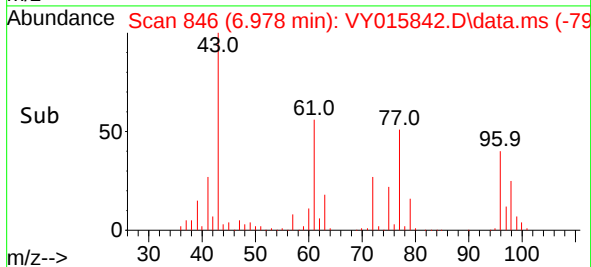
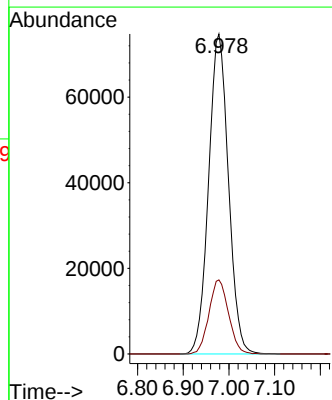
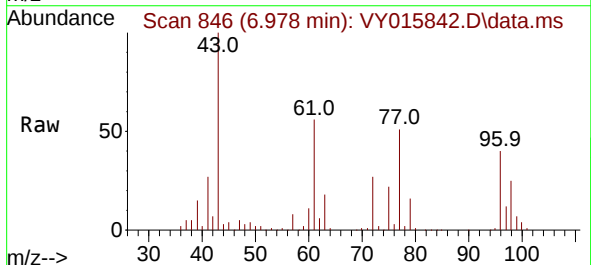
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

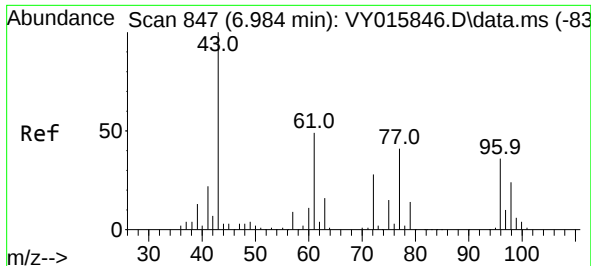
Tgt Ion: 43 Resp: 456872
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 69.854 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 77 Resp: 224947
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9

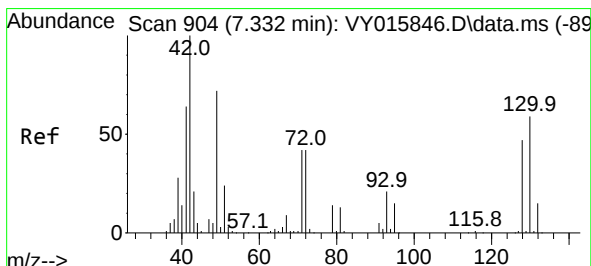
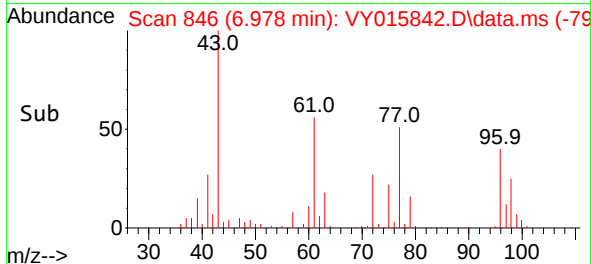
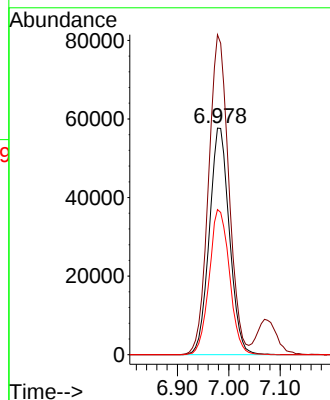
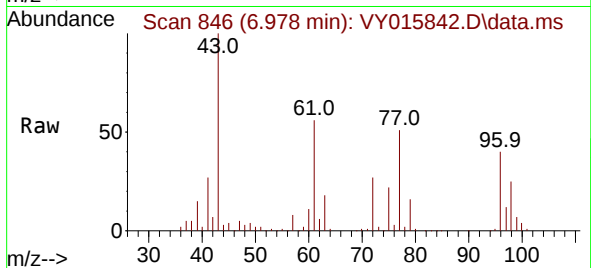




#27
 cis-1,2-Dichloroethene
 Concen: 70.549 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY015842.D
 Acq: 05 Oct 2023 10:58

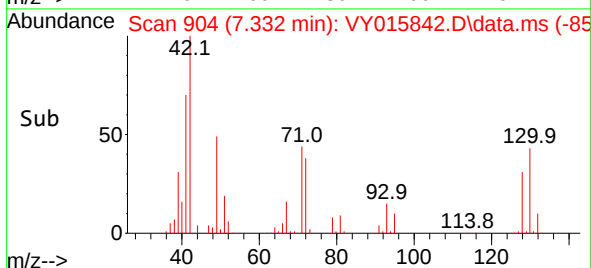
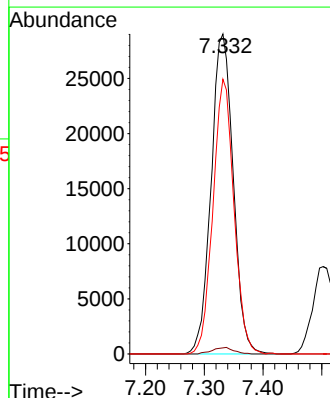
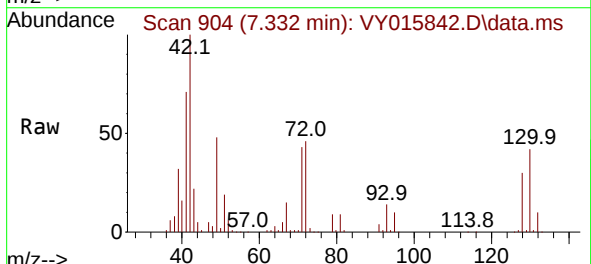
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

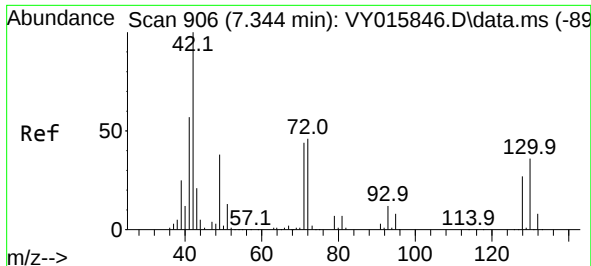
Tgt Ion: 96 Resp: 156592
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 301.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 37.418 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015842.D
 Acq: 05 Oct 2023 10:58

Tgt Ion: 49 Resp: 75830
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 335.000 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

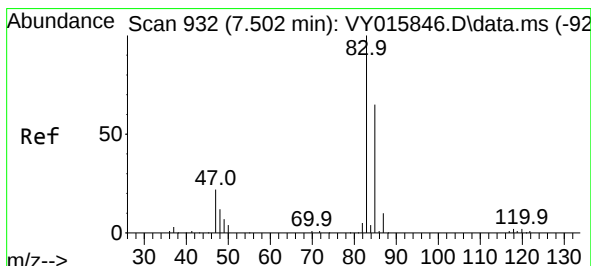
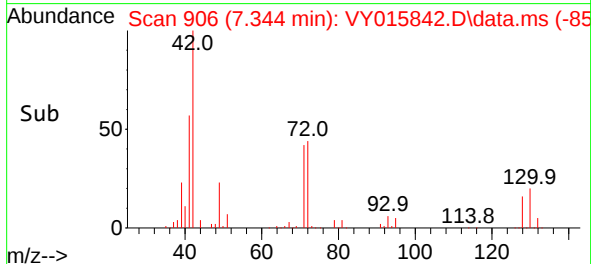
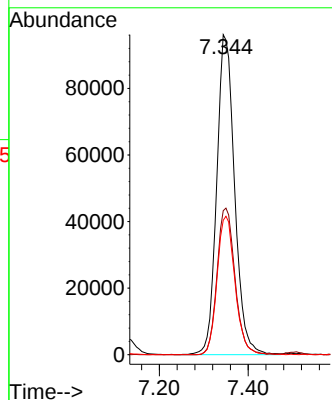
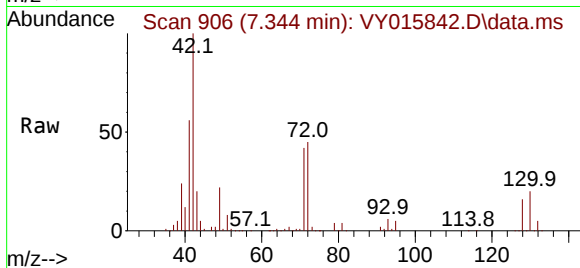
Tgt Ion: 42 Resp: 268364

Ion Ratio Lower Upper

42 100

72 45.9 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 68.449 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015842.D

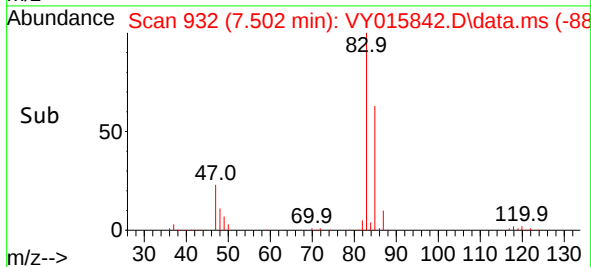
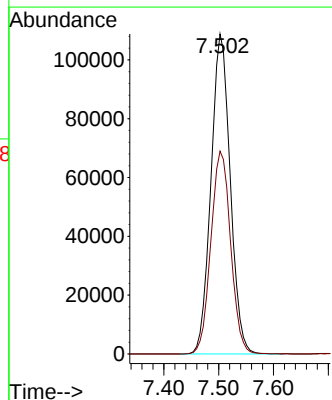
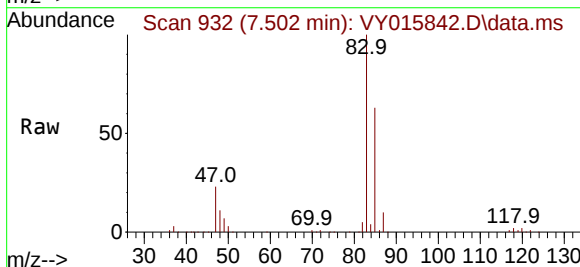
Acq: 05 Oct 2023 10:58

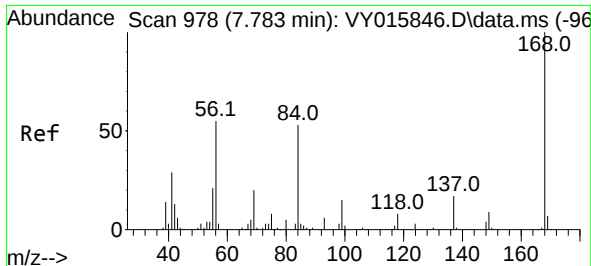
Tgt Ion: 83 Resp: 265347

Ion Ratio Lower Upper

83 100

85 63.3 49.7 74.5

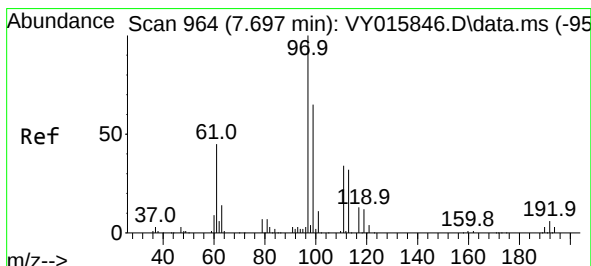
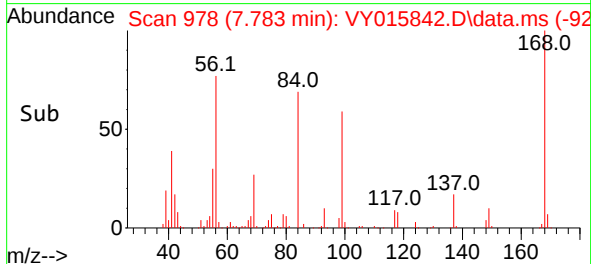
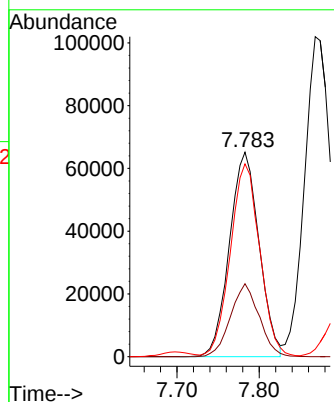
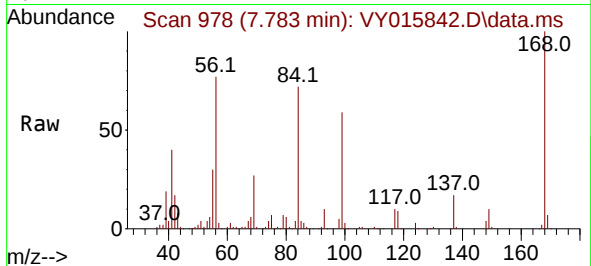




#31
Cyclohexane
Concen: 71.802 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

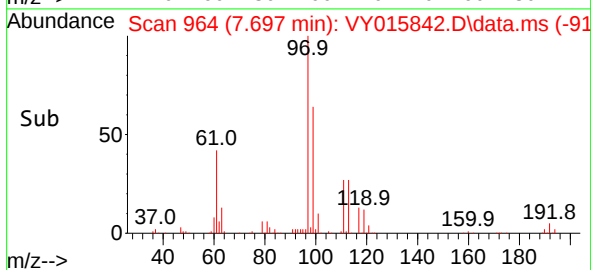
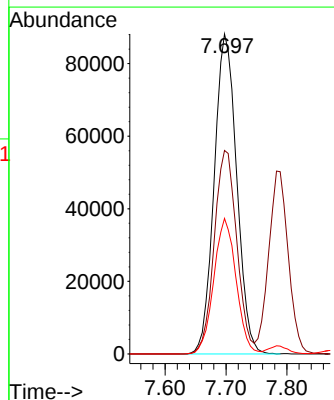
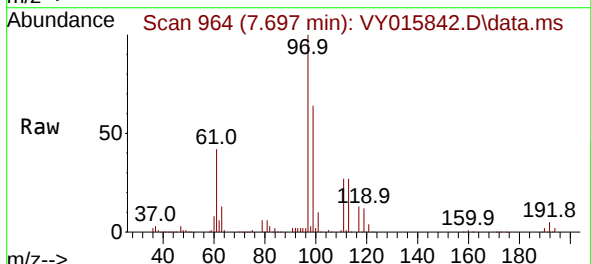
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

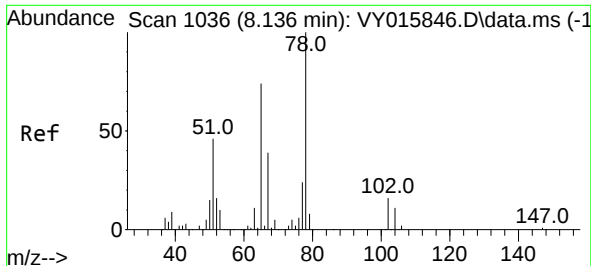
Tgt Ion: 56 Resp: 163046
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 71.476 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 97 Resp: 226514
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.320 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

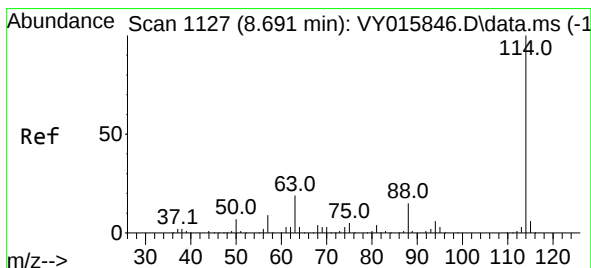
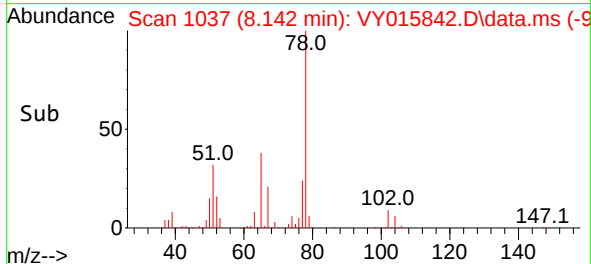
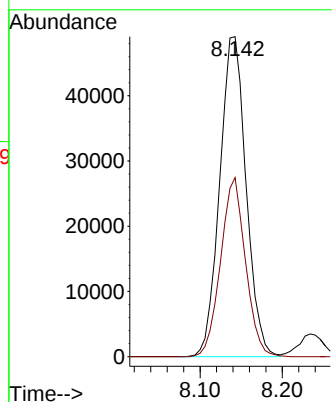
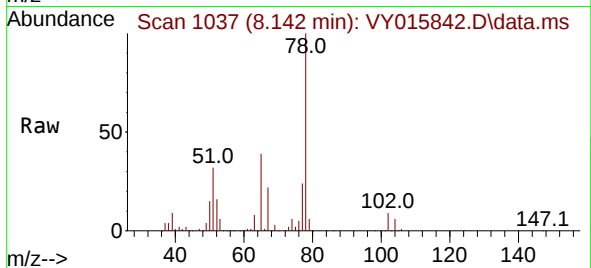
VSTDCCC050

Tgt Ion: 65 Resp: 109431

Ion Ratio Lower Upper

65 100

67 52.7 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: VY015842.D

Acq: 05 Oct 2023 10:58

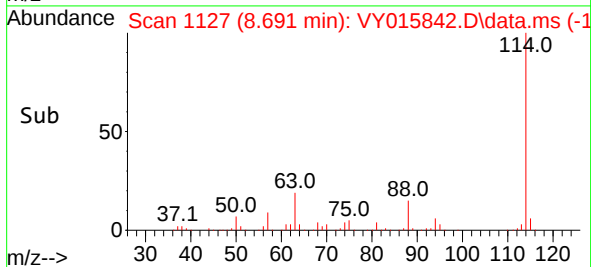
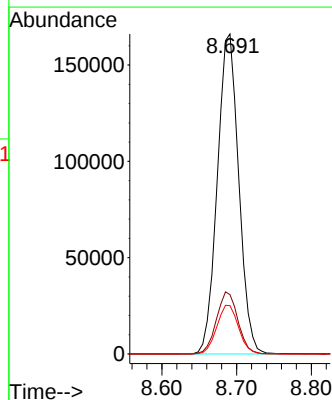
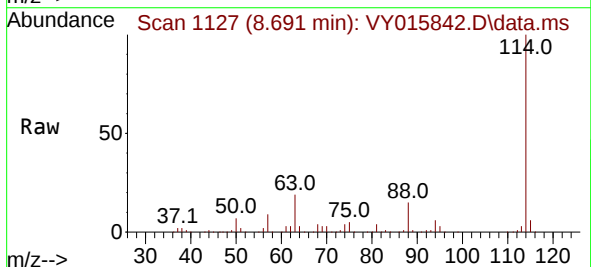
Tgt Ion:114 Resp: 331531

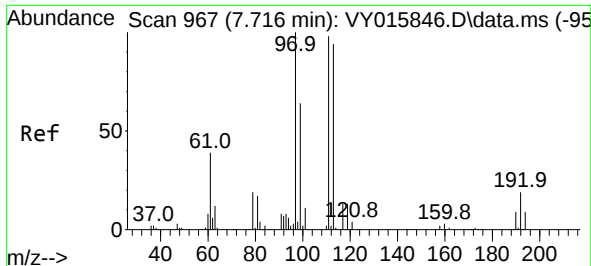
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.1 0.0 30.6

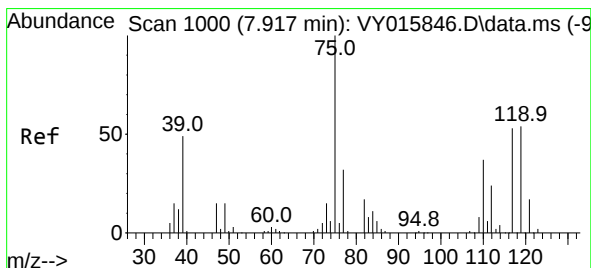
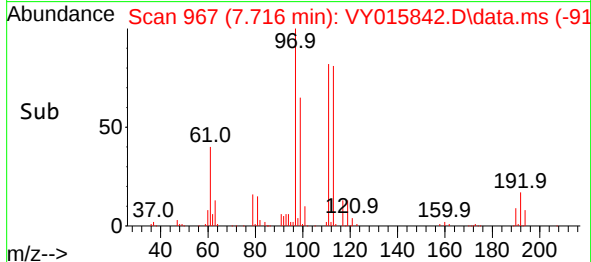
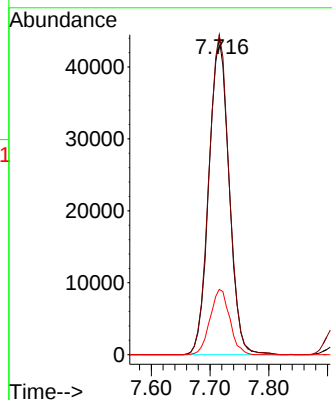
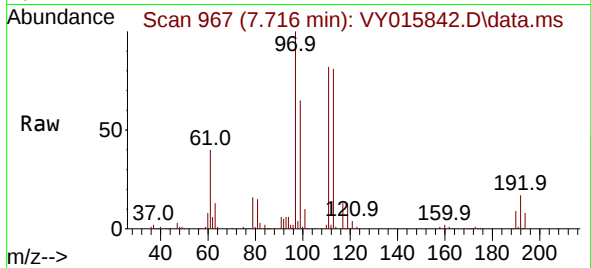




#35
Dibromofluoromethane
Concen: 55.427 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

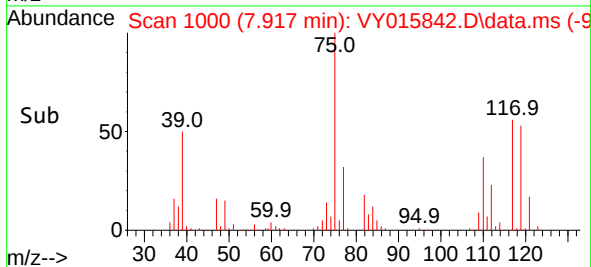
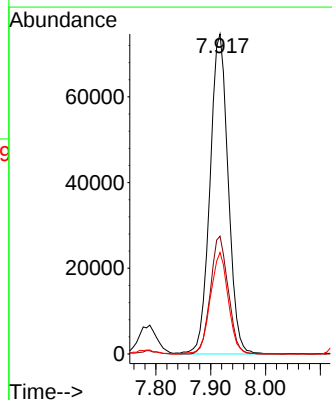
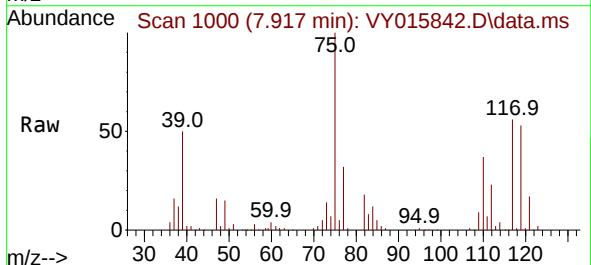
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

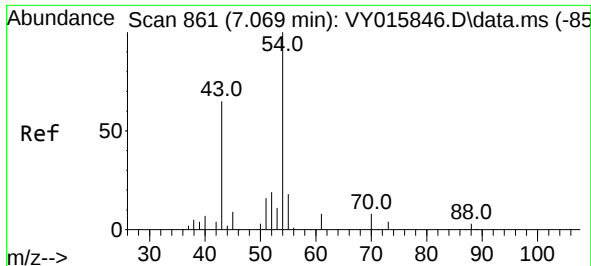
Tgt Ion:113 Resp: 104743
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 76.210 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 75 Resp: 171816
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 67.740 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

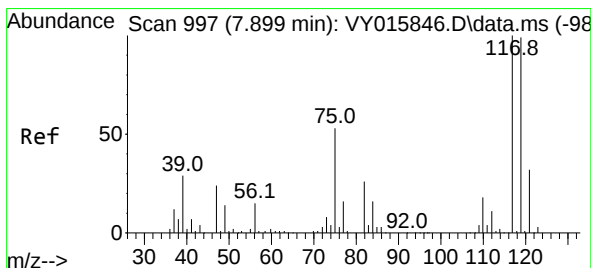
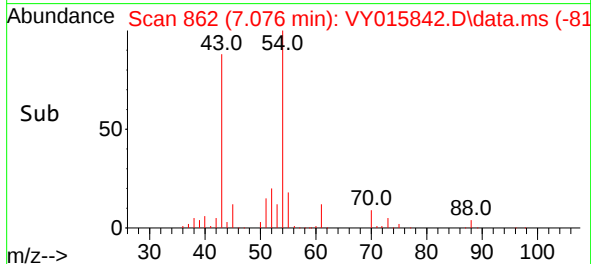
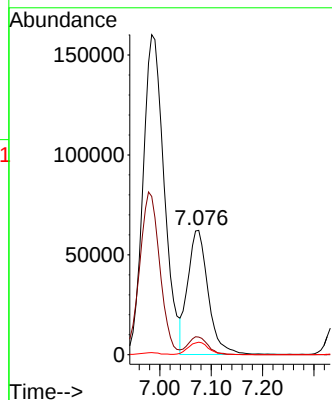
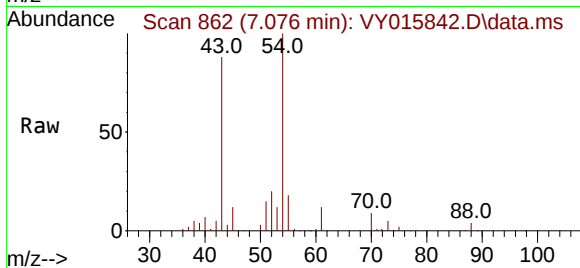
Tgt Ion: 43 Resp: 170904

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 73.587 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

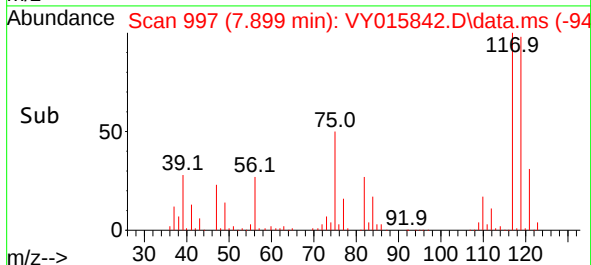
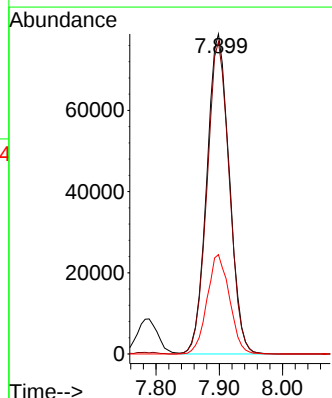
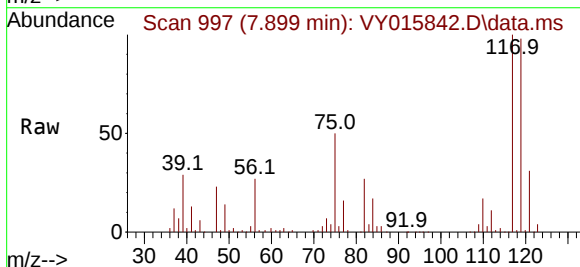
Tgt Ion: 117 Resp: 195072

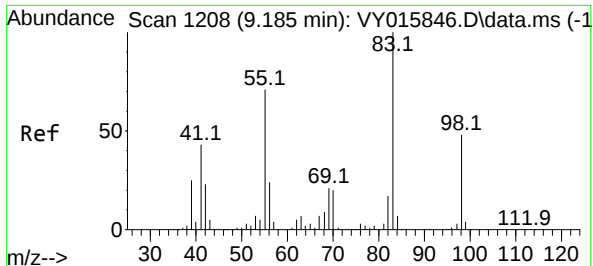
Ion Ratio Lower Upper

117 100

119 97.5 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 79.916 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

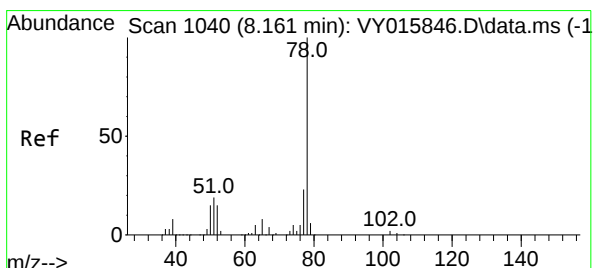
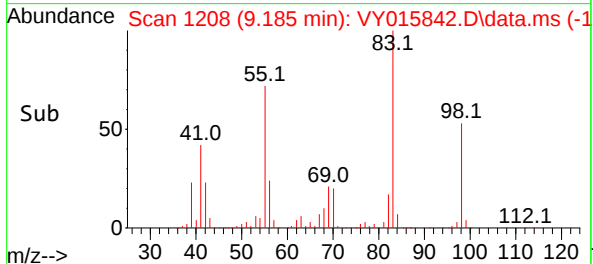
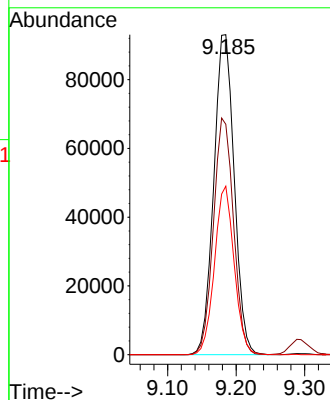
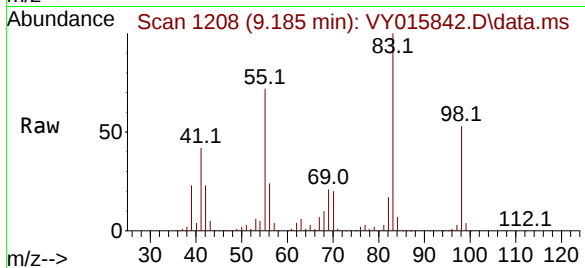
Tgt Ion: 83 Resp: 192689

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 52.6 37.4 56.2



#40

Benzene

Concen: 73.524 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015842.D

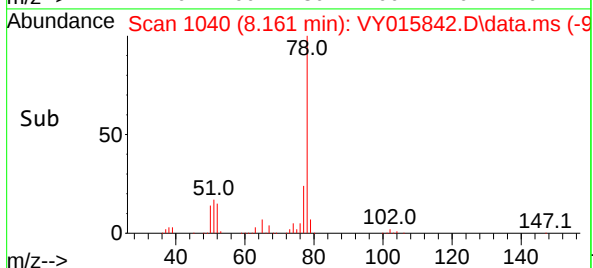
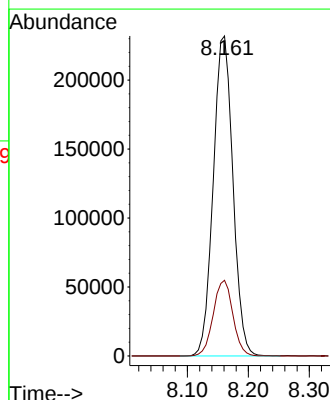
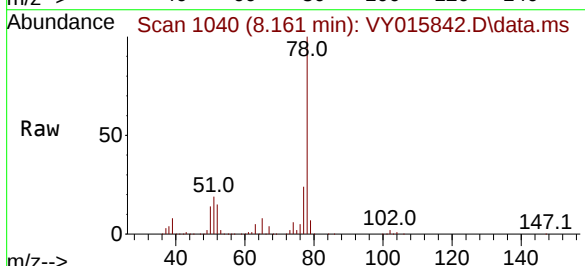
Acq: 05 Oct 2023 10:58

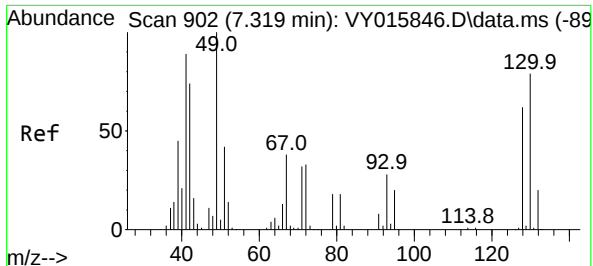
Tgt Ion: 78 Resp: 520135

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

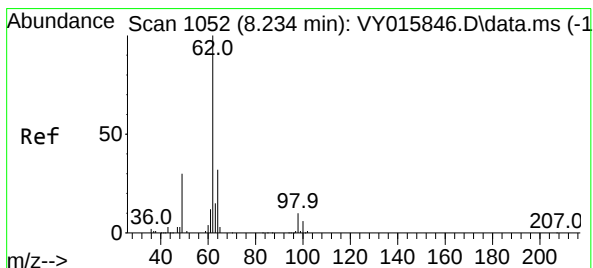
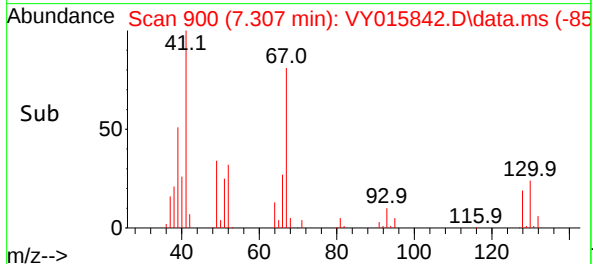
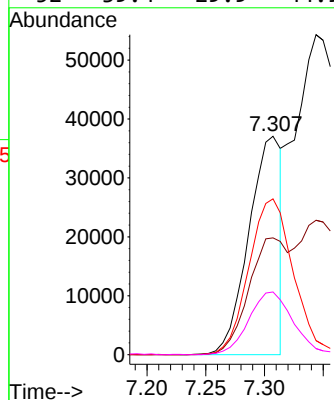
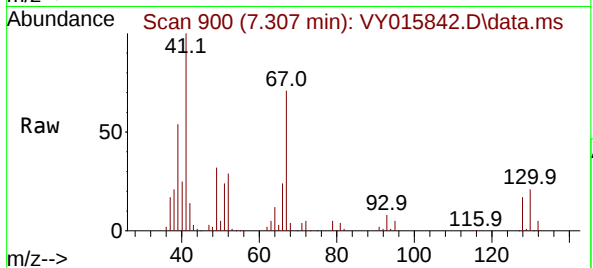




#41
Methacrylonitrile
Concen: 59.271 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

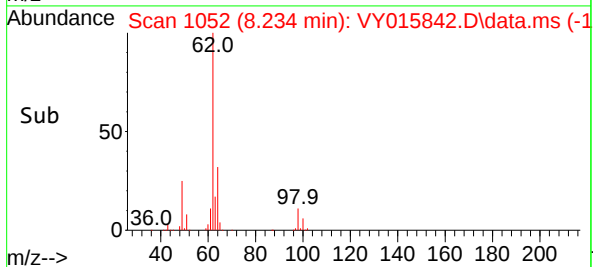
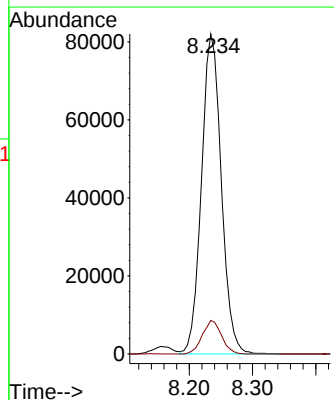
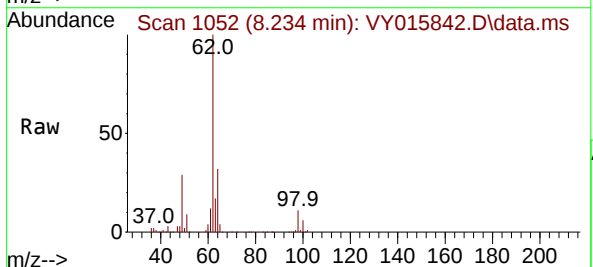
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

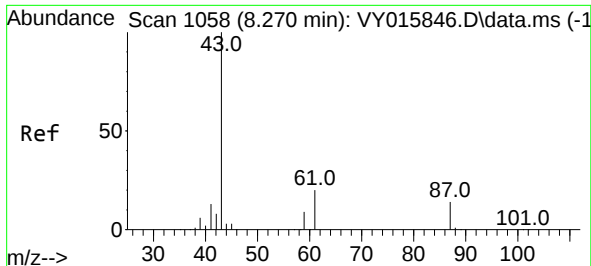
Tgt Ion:	41	Resp:	71589
Ion	Ratio	Lower	Upper
41	100		
39	62.8	52.1	78.1
67	97.7	66.2	99.2
52	39.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 70.297 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion:	62	Resp:	179058
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8

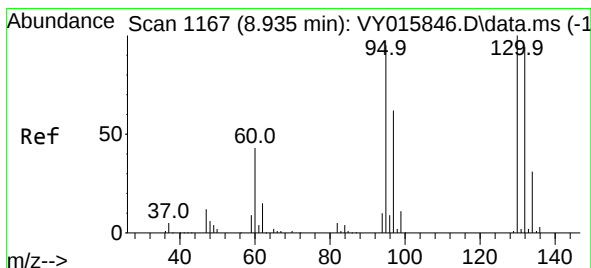
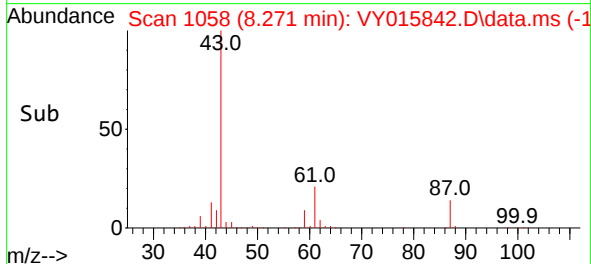
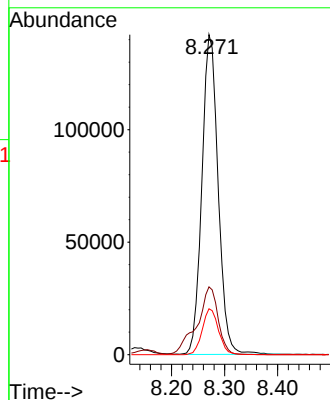
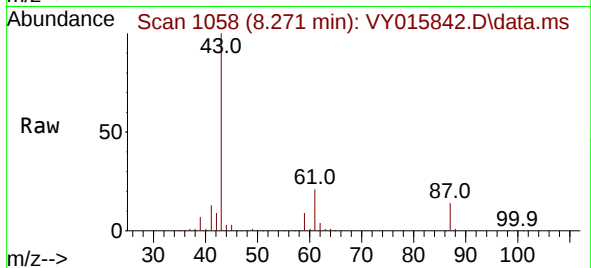




#43
Isopropyl Acetate
Concen: 69.689 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

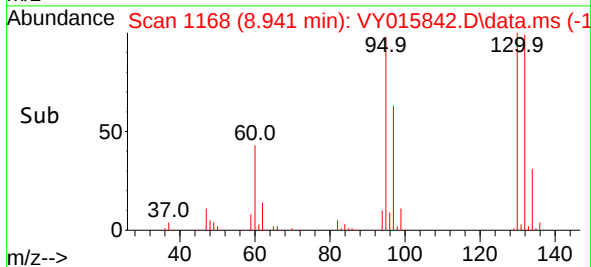
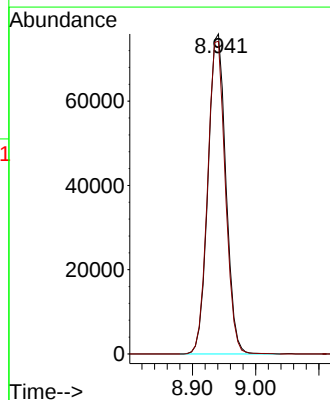
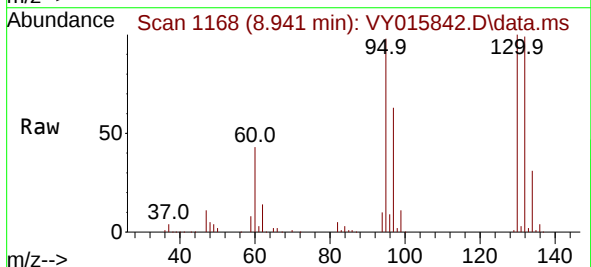
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

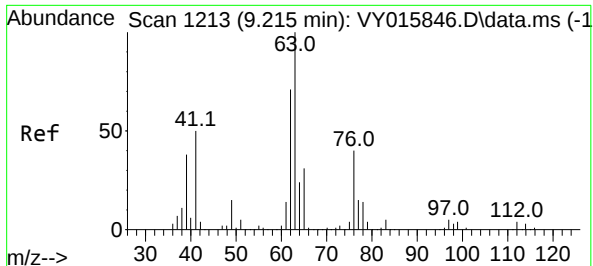
Tgt Ion: 43 Resp: 302625
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 71.882 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion:130 Resp: 148826
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 70.805 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

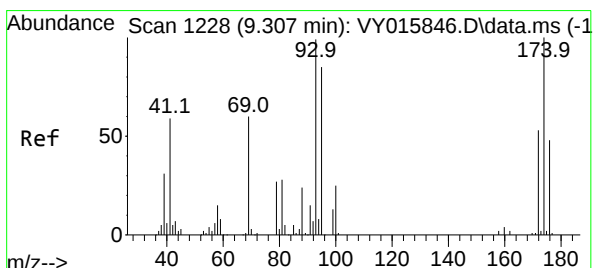
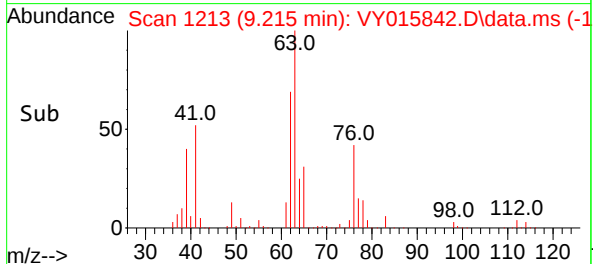
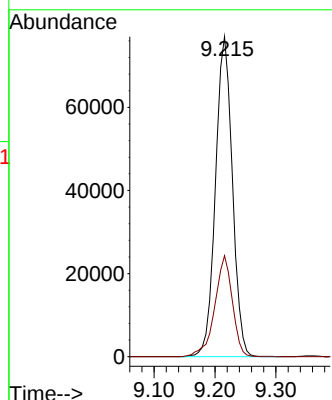
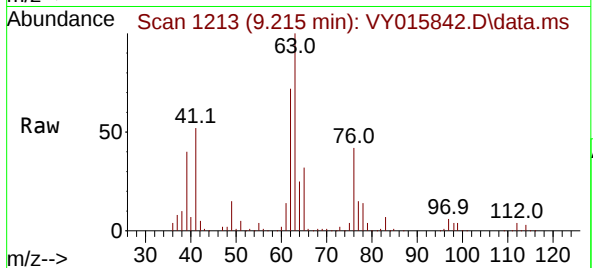
VSTDCCC050

Tgt Ion: 63 Resp: 148158

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.6



#46

Dibromomethane

Concen: 70.042 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

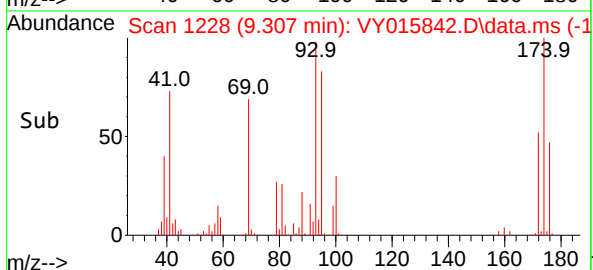
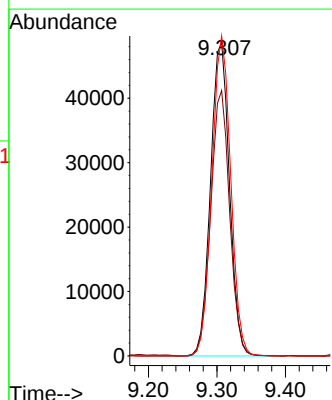
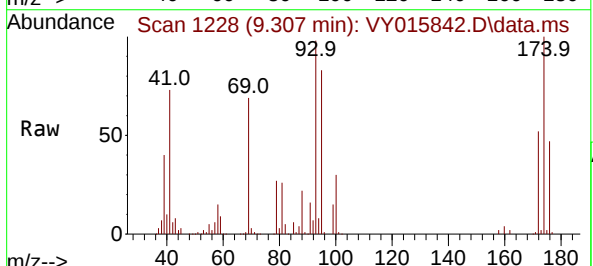
Tgt Ion: 93 Resp: 93700

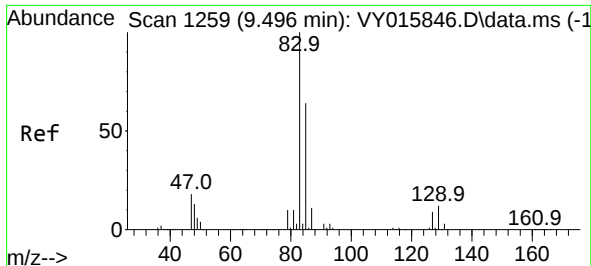
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 101.4 84.8 127.2

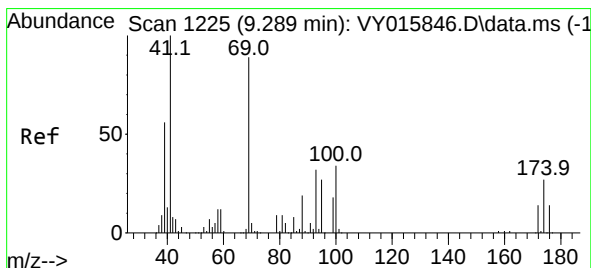
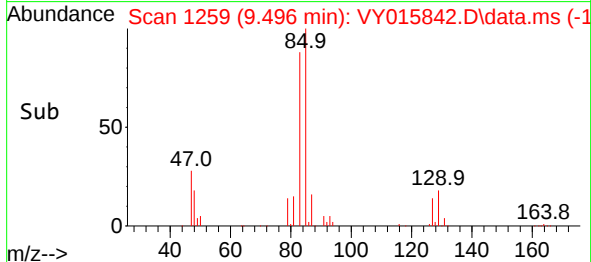
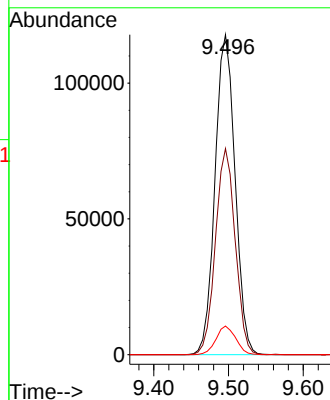
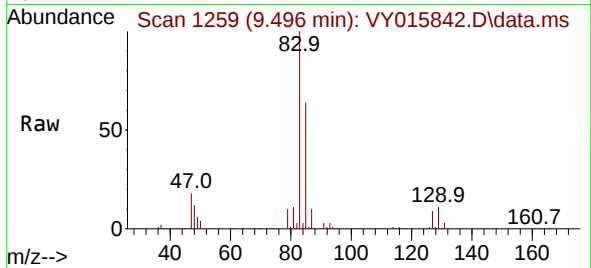




#47
Bromodichloromethane
Concen: 70.564 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

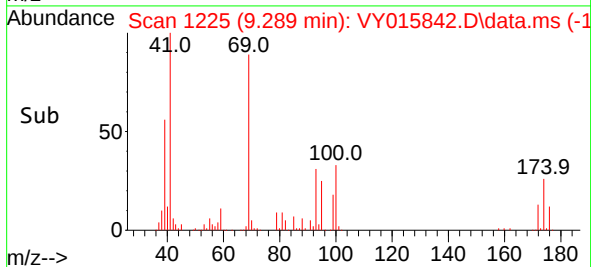
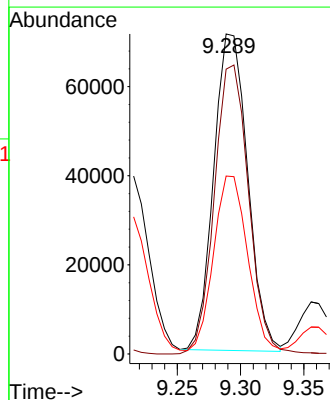
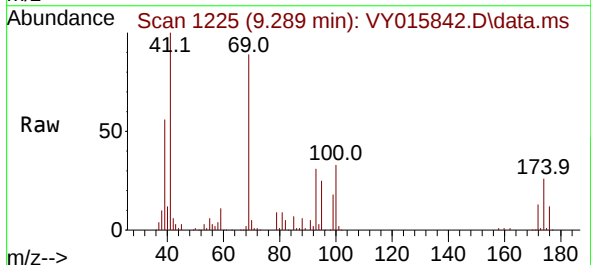
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

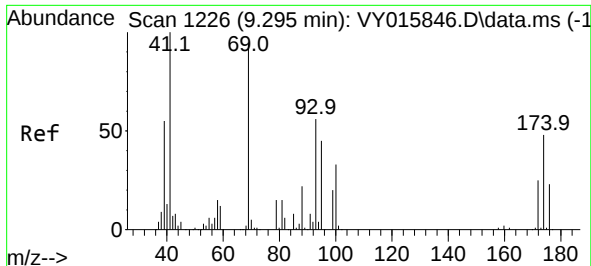
Tgt Ion: 83 Resp: 219116
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 69.953 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 41 Resp: 132673
Ion Ratio Lower Upper
41 100
69 92.3 64.5 96.7
39 56.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1364.424 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

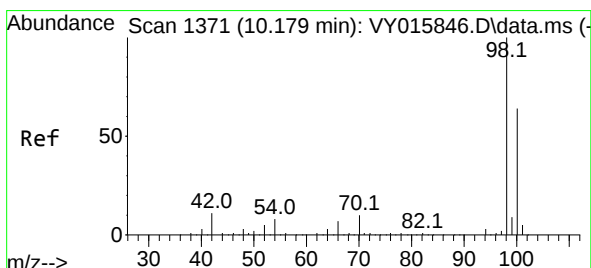
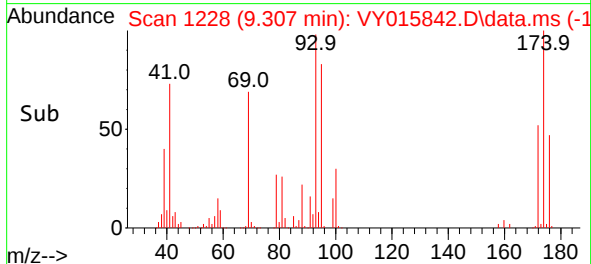
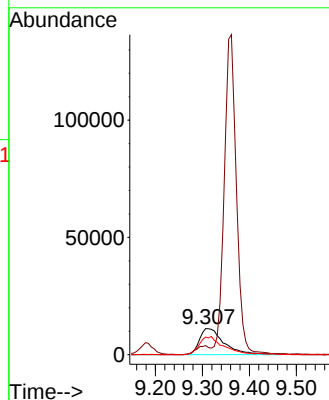
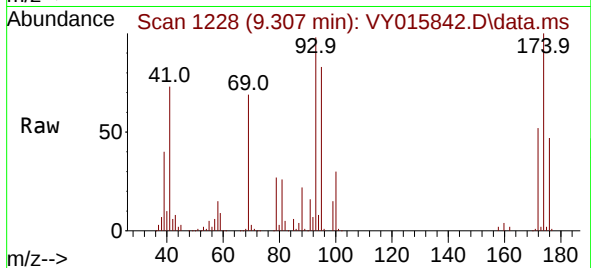
Tgt Ion: 88 Resp: 40887

Ion Ratio Lower Upper

88 100

43 19.4 0.0 0.0#

58 67.3 30.9 46.3#



#50

Toluene-d8

Concen: 57.364 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015842.D

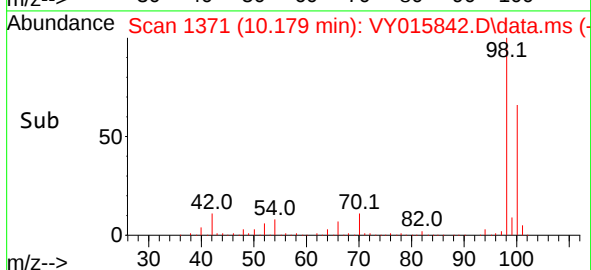
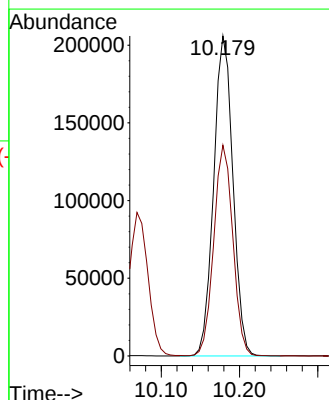
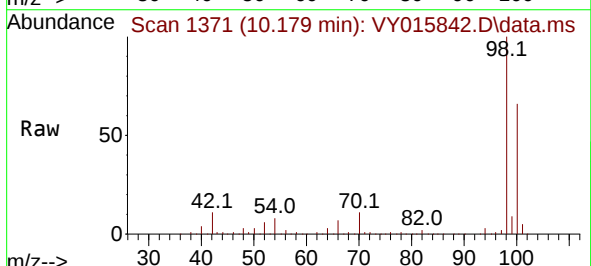
Acq: 05 Oct 2023 10:58

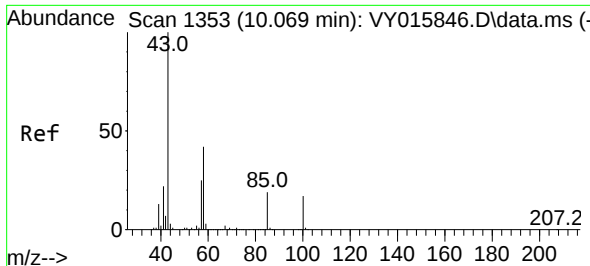
Tgt Ion: 98 Resp: 351952

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 340.464 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

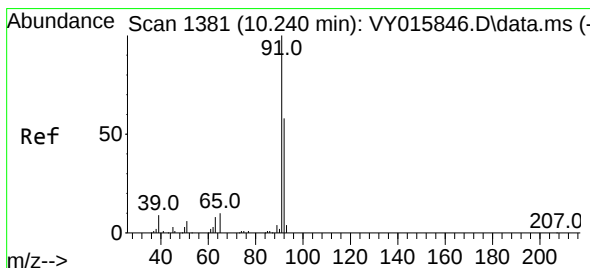
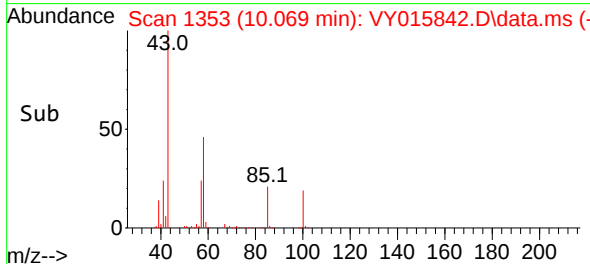
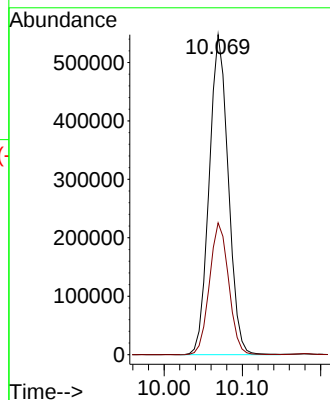
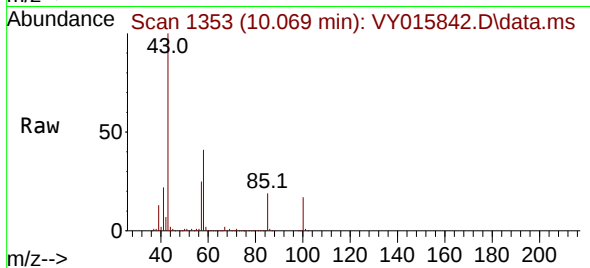
VSTDCCC050

Tgt Ion: 43 Resp: 924896

Ion Ratio Lower Upper

43 100

58 41.5 29.0 43.6



#52

Toluene

Concen: 74.253 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015842.D

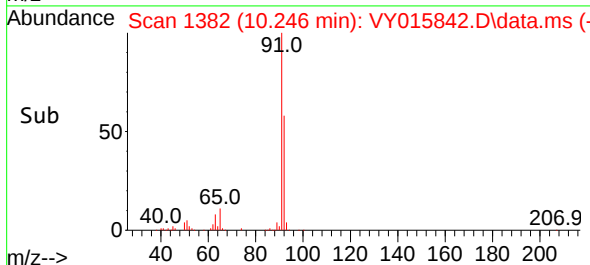
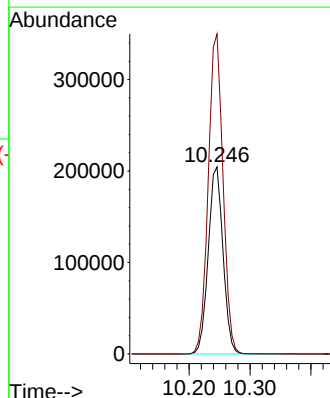
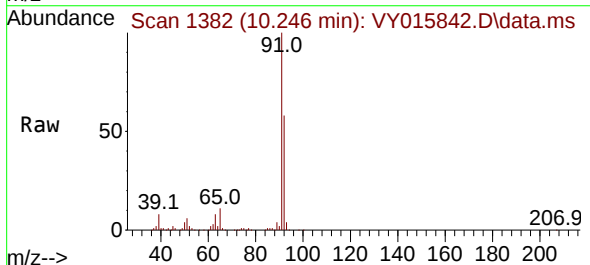
Acq: 05 Oct 2023 10:58

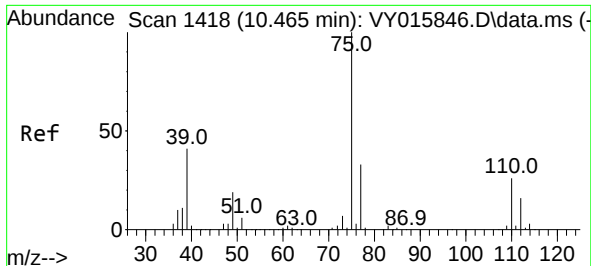
Tgt Ion: 92 Resp: 343690

Ion Ratio Lower Upper

92 100

91 171.1 143.8 215.6

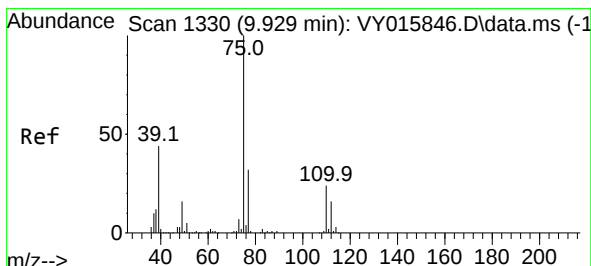
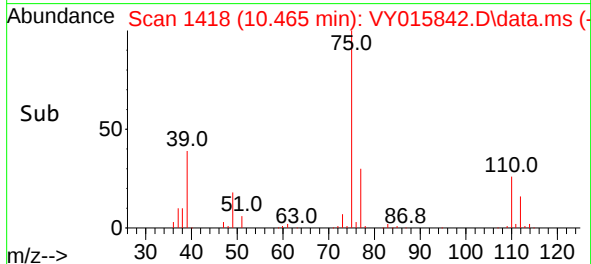
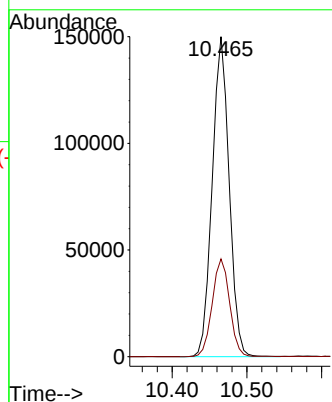
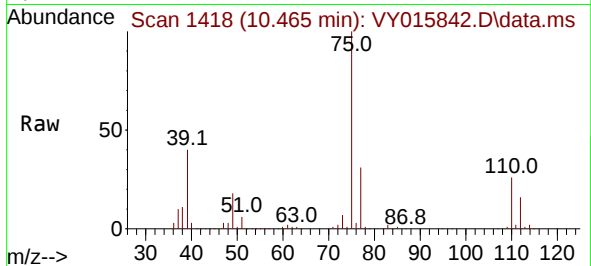




#53
t-1,3-Dichloropropene
Concen: 72.423 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

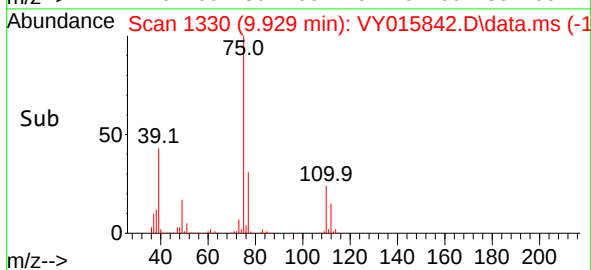
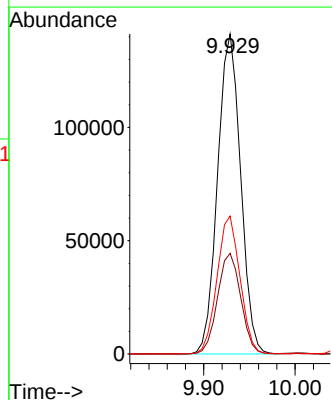
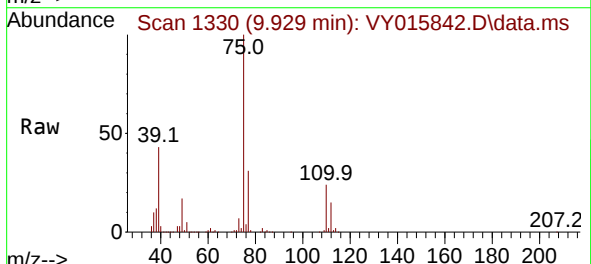
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

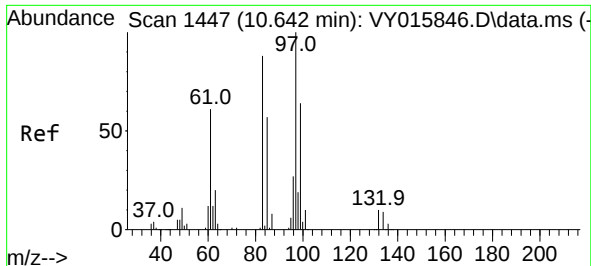
Tgt Ion: 75 Resp: 235971
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 71.584 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 75 Resp: 247604
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 43.1 42.2 63.4

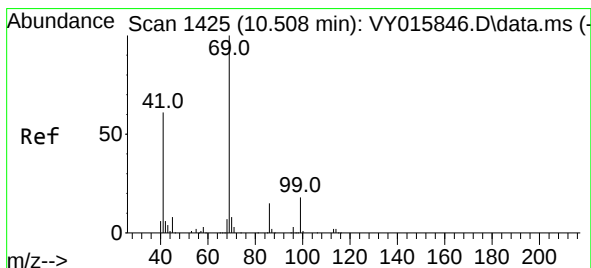
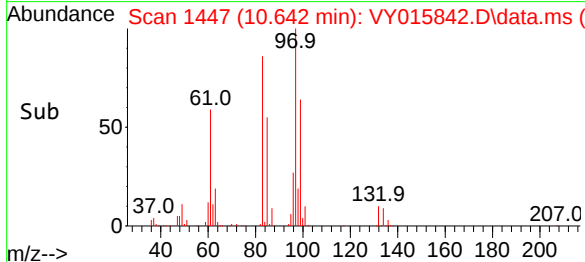
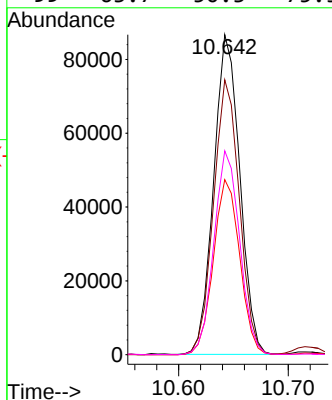
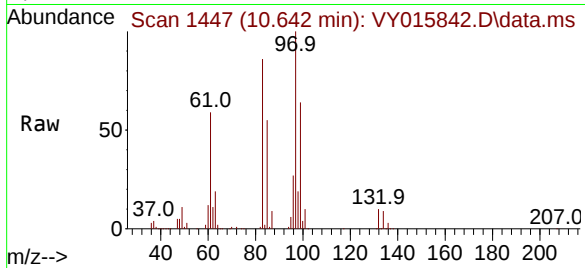




#55
1,1,2-Trichloroethane
Concen: 68.304 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

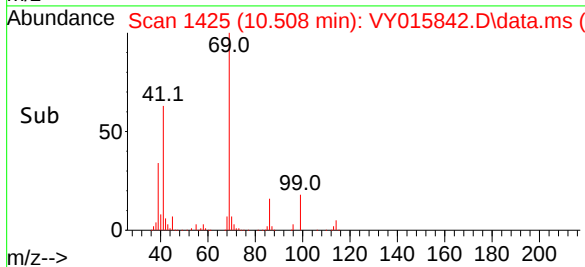
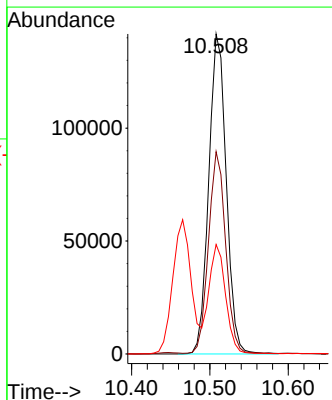
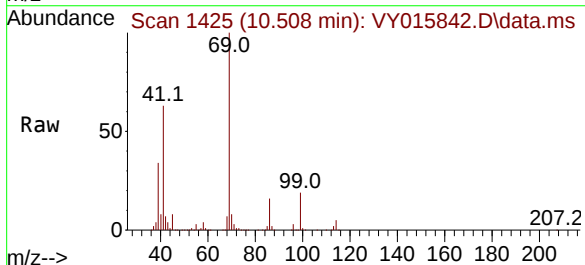
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

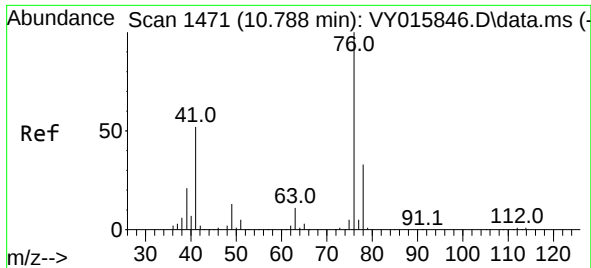
Tgt Ion: 97	Resp: 143551
Ion Ratio	Lower Upper
97 100	
83 86.0	72.0 108.0
85 54.7	45.4 68.0
99 63.7	50.3 75.5



#56
Ethyl methacrylate
Concen: 72.105 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 69	Resp: 219720
Ion Ratio	Lower Upper
69 100	
41 61.7	57.6 86.4
39 32.2	34.1 51.1#

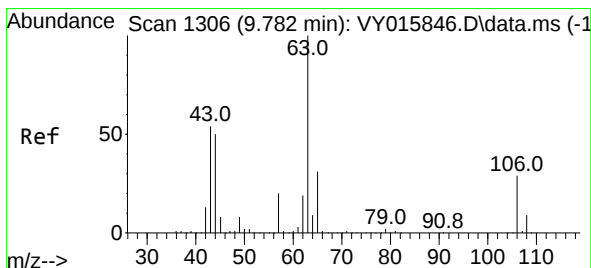
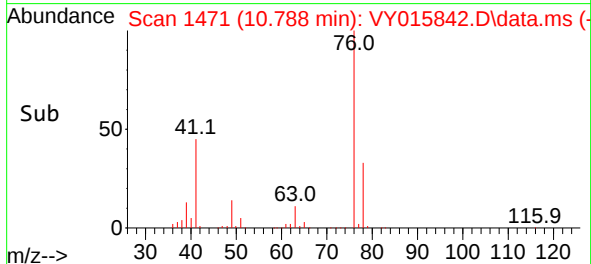
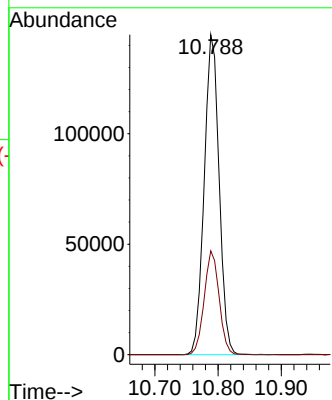
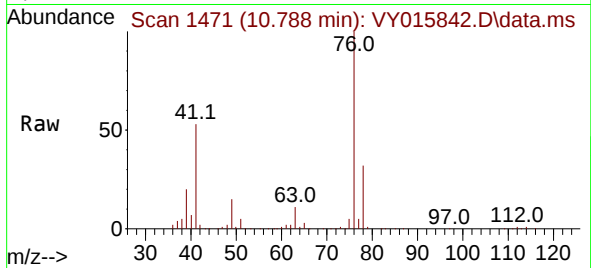




#57
1,3-Dichloropropane
Concen: 70.734 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

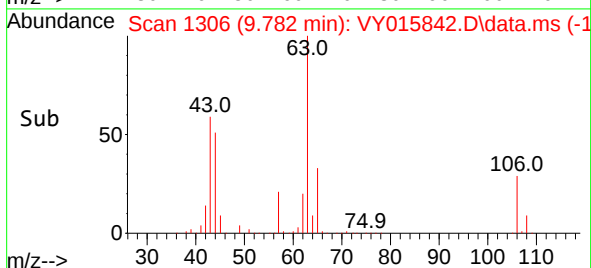
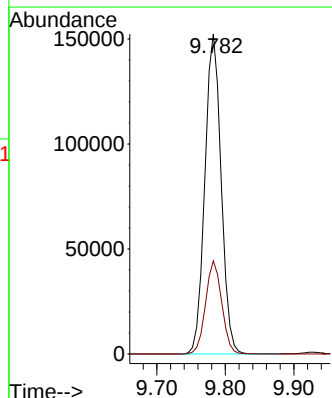
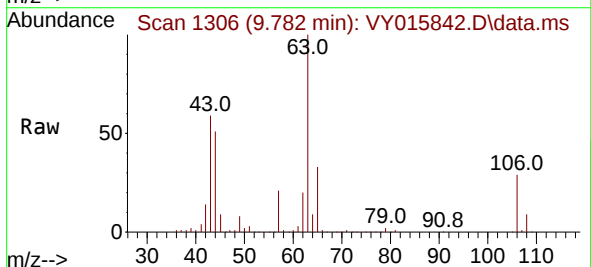
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

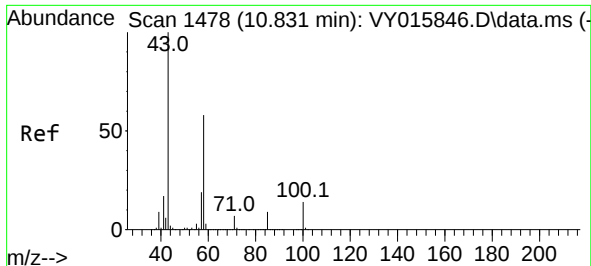
Tgt Ion: 76 Resp: 237663
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 141.850 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 63 Resp: 251863
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8

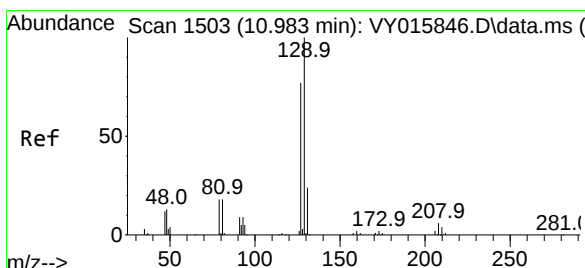
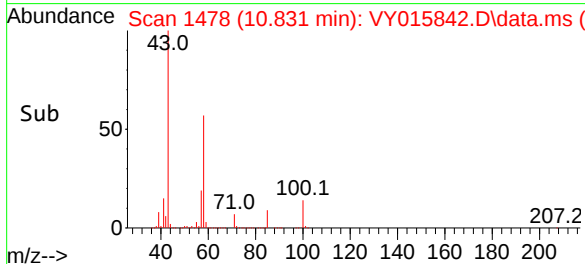
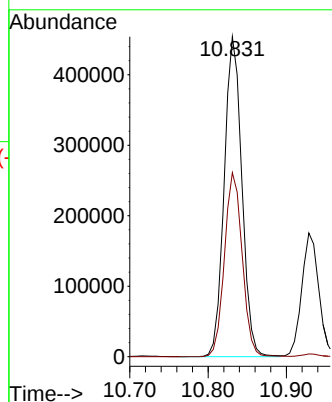
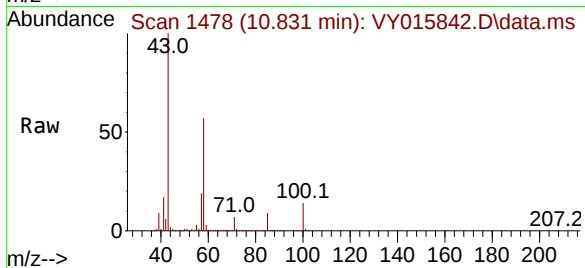




#59
2-Hexanone
Concen: 337.512 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

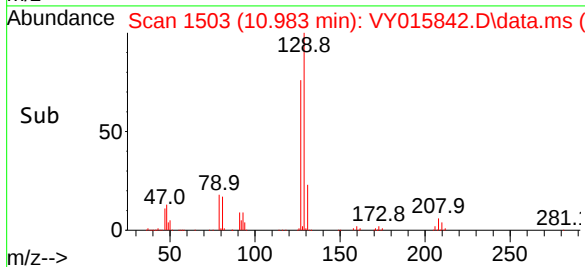
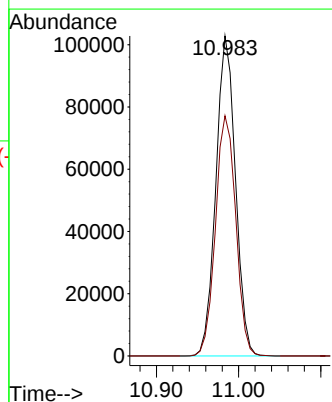
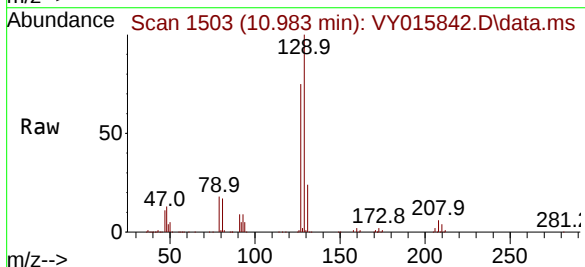
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

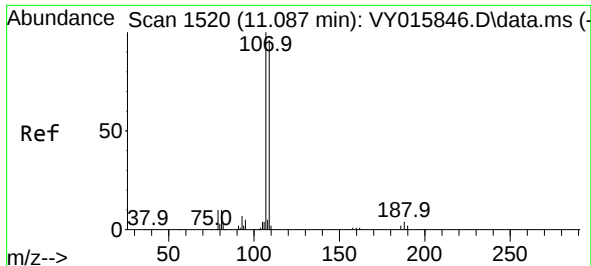
Tgt Ion: 43 Resp: 711472
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 70.056 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 129 Resp: 170058
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 70.220 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

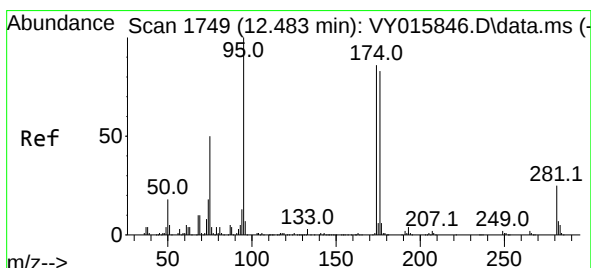
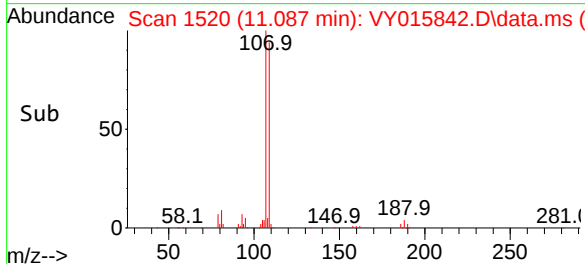
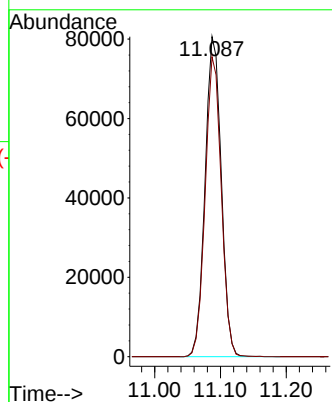
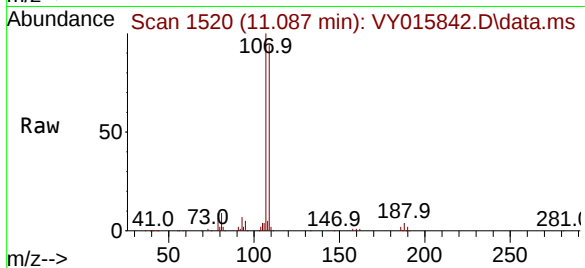
VSTDCCC050

Tgt Ion:107 Resp: 137917

Ion Ratio Lower Upper

107 100

109 92.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.260 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

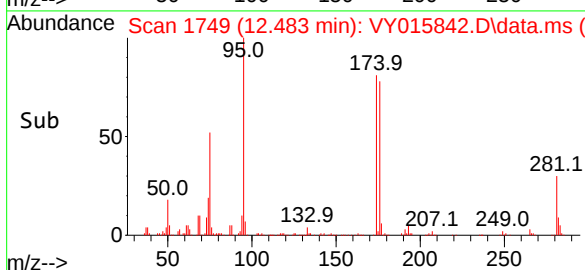
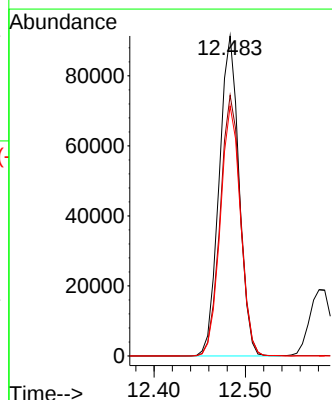
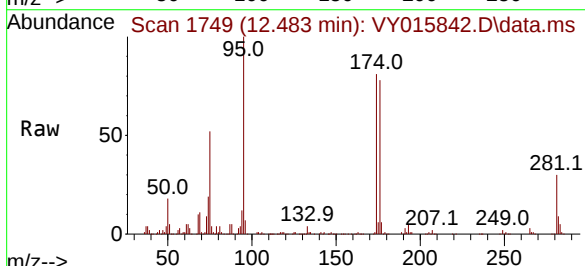
Tgt Ion: 95 Resp: 138586

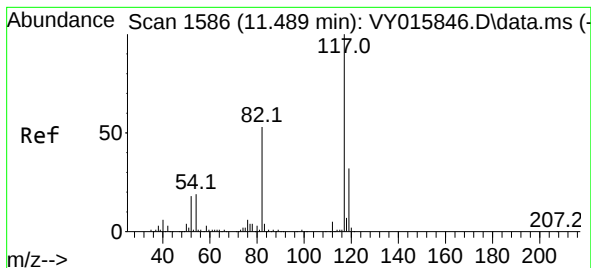
Ion Ratio Lower Upper

95 100

174 83.3 0.0 178.2

176 79.2 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: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

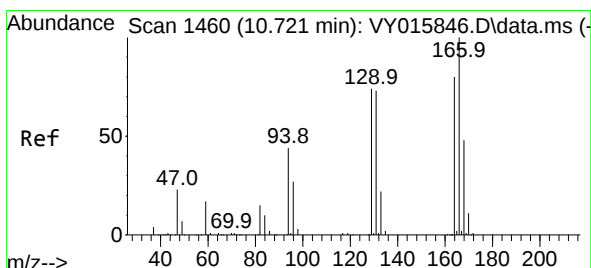
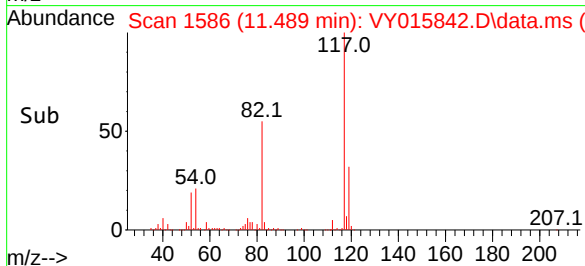
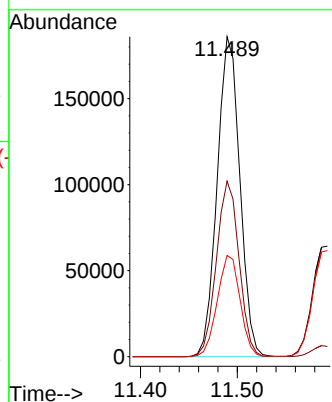
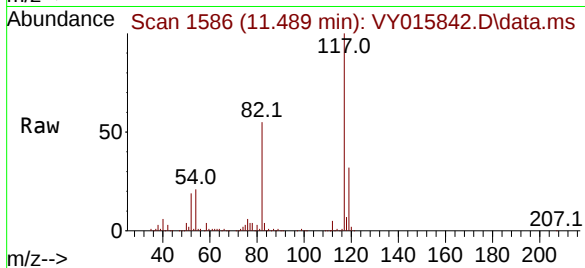
Tgt Ion:117 Resp: 302345

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 72.824 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Tgt Ion:164 Resp: 154763

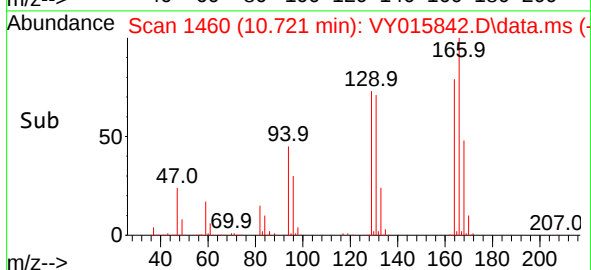
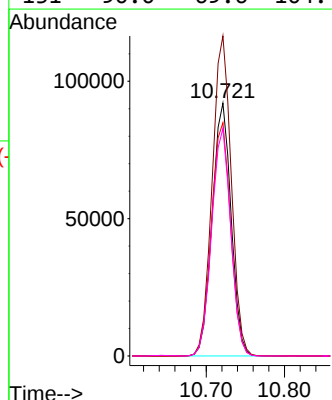
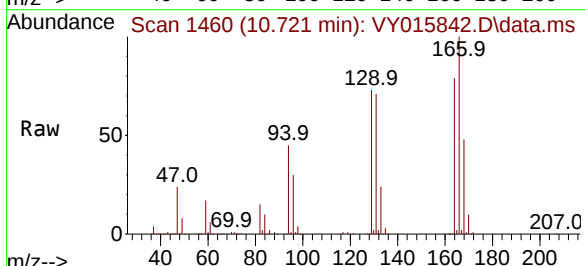
Ion Ratio Lower Upper

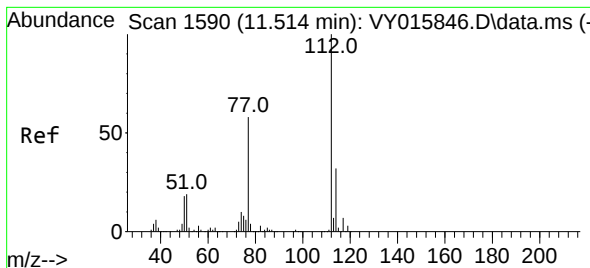
164 100

166 126.6 103.0 154.6

129 92.3 77.2 115.8

131 90.0 69.6 104.4





#65

Chlorobenzene

Concen: 70.838 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

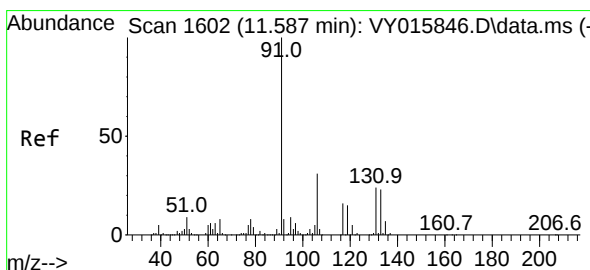
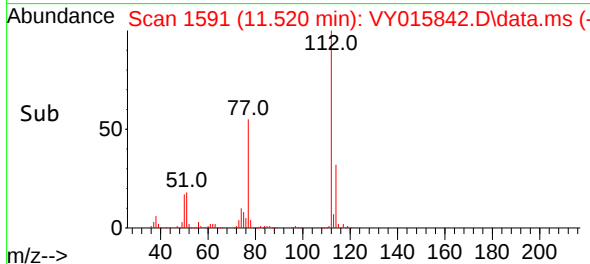
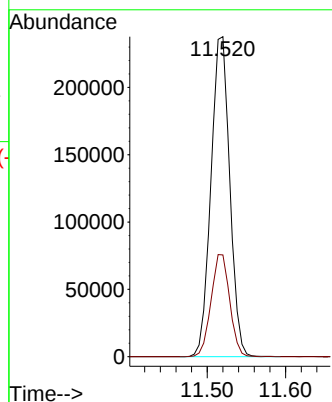
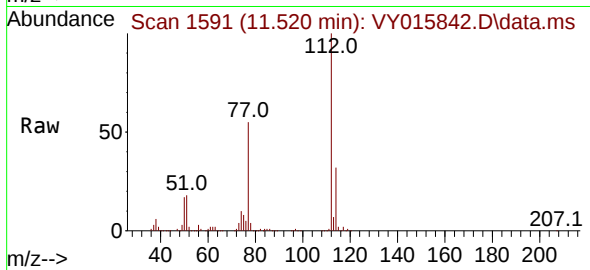
VSTDCCC050

Tgt Ion:112 Resp: 396085

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 70.276 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

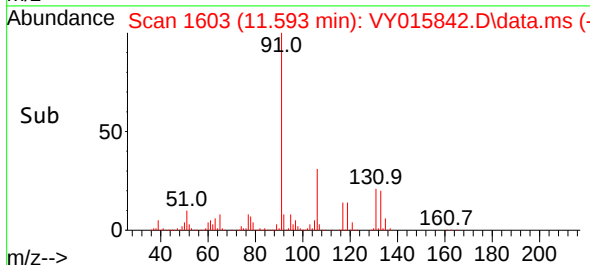
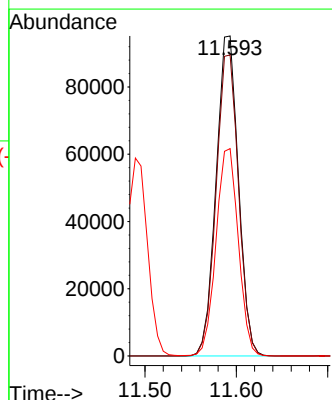
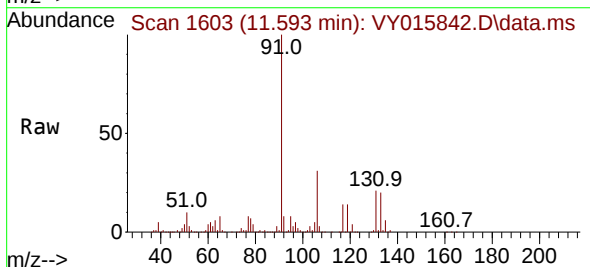
Tgt Ion:131 Resp: 161561

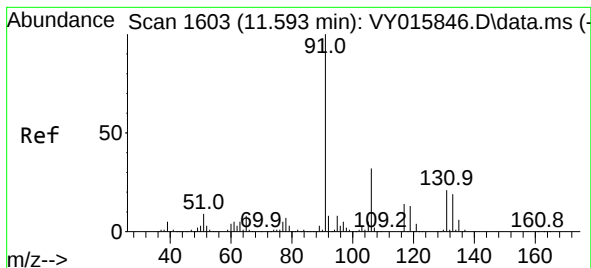
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 72.355 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

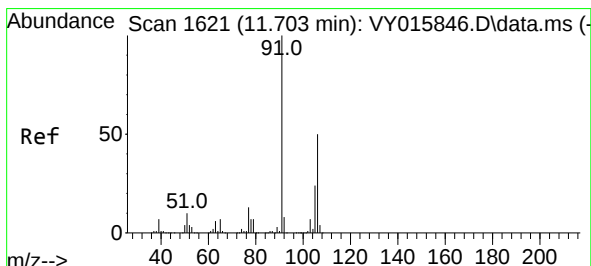
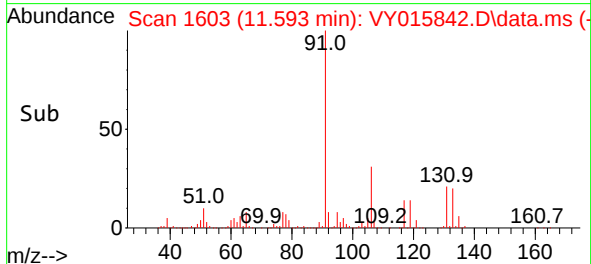
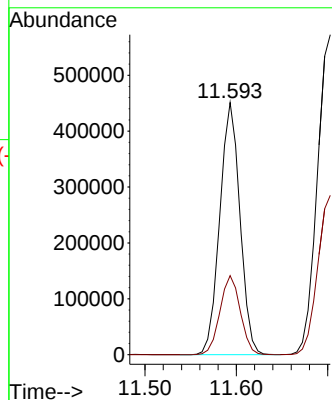
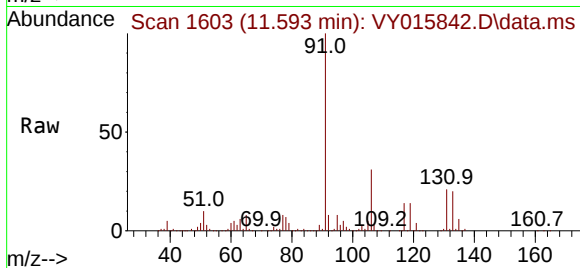
VSTDCCC050

Tgt Ion: 91 Resp: 692451

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 145.030 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015842.D

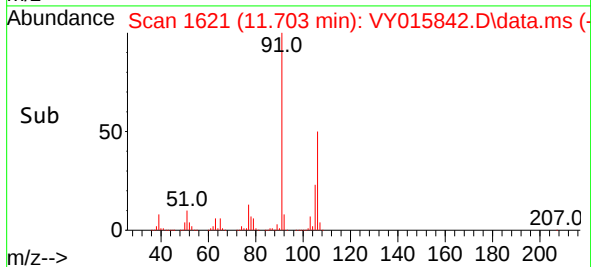
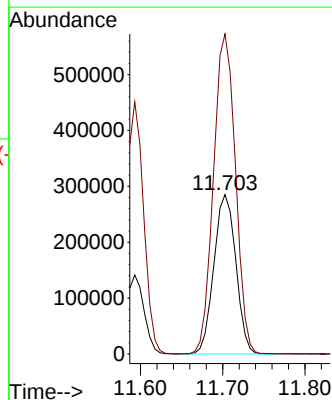
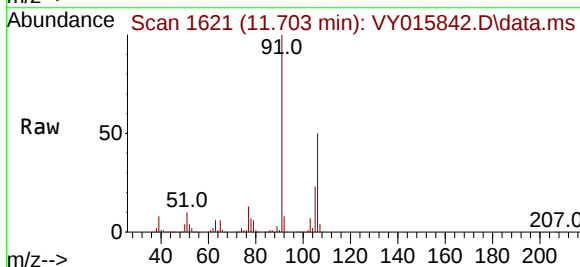
Acq: 05 Oct 2023 10:58

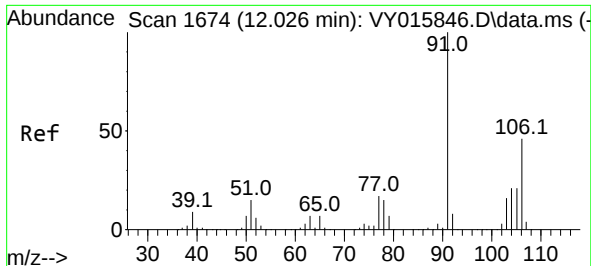
Tgt Ion: 106 Resp: 527611

Ion Ratio Lower Upper

106 100

91 201.8 166.1 249.1

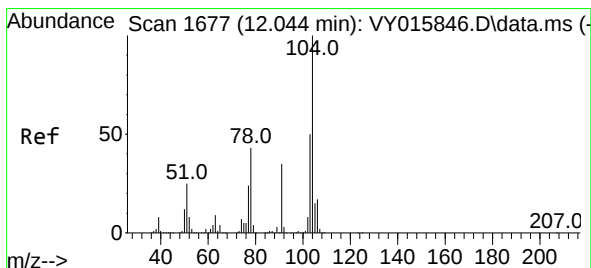
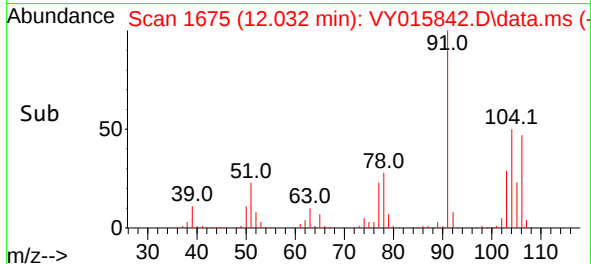
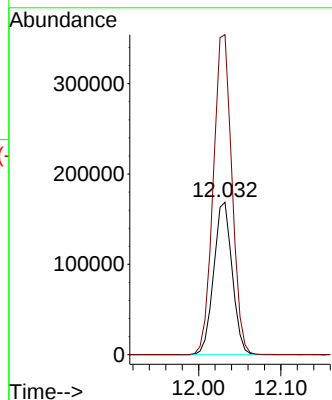
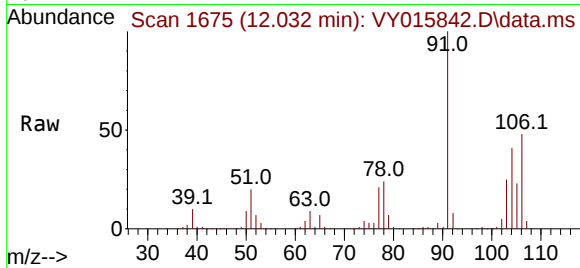




#69
o-Xylene
Concen: 72.659 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

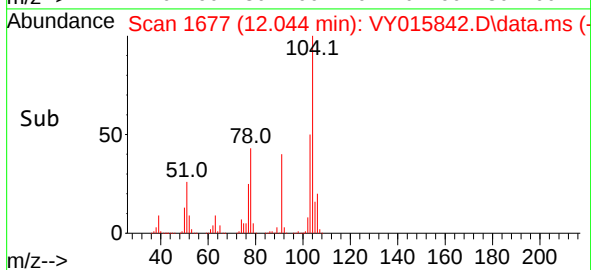
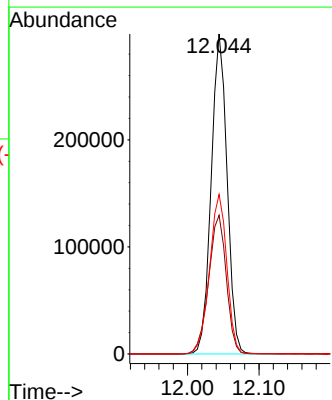
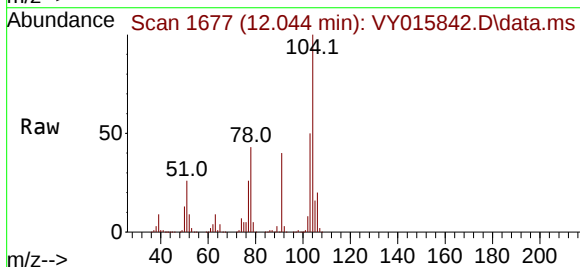
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

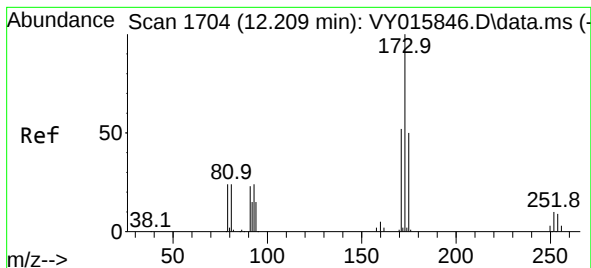
Tgt Ion:106 Resp: 262920
Ion Ratio Lower Upper
106 100
91 212.8 108.1 324.3



#70
Styrene
Concen: 73.014 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion:104 Resp: 461235
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 70.649 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

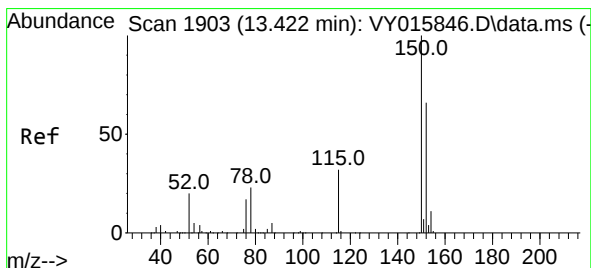
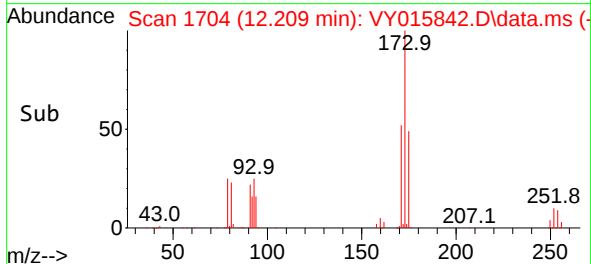
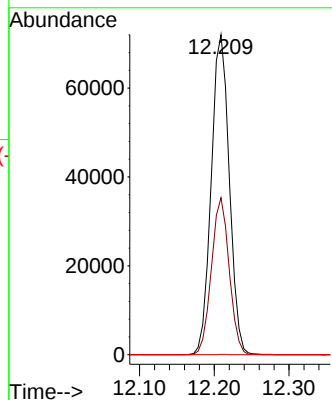
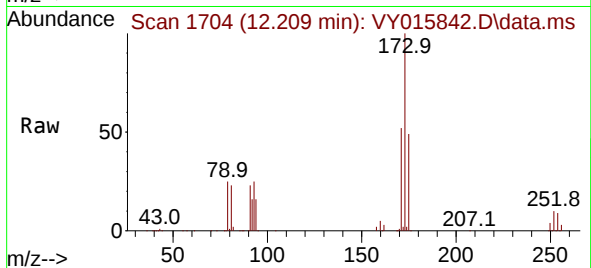
Tgt Ion:173 Resp: 121110

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

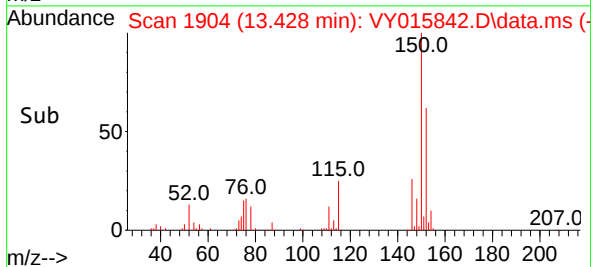
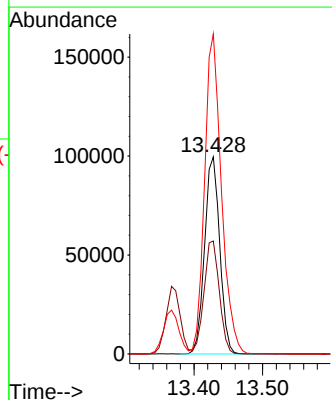
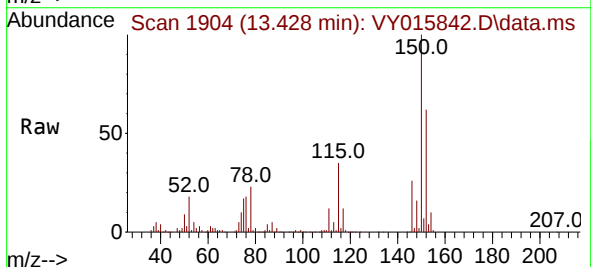
Tgt Ion:152 Resp: 153369

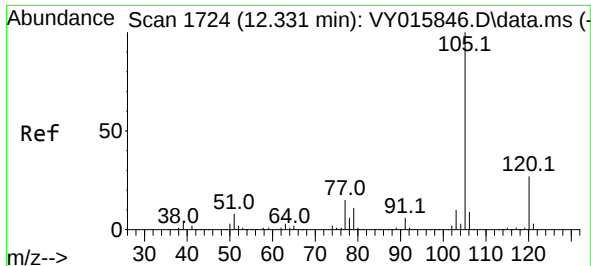
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 180.2 0.0 348.8

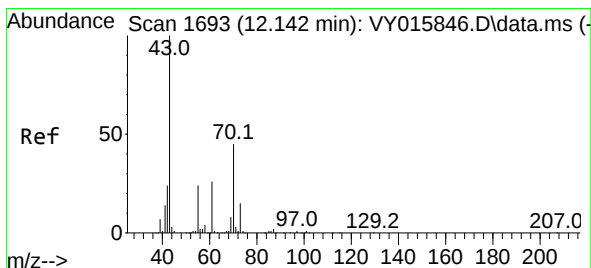
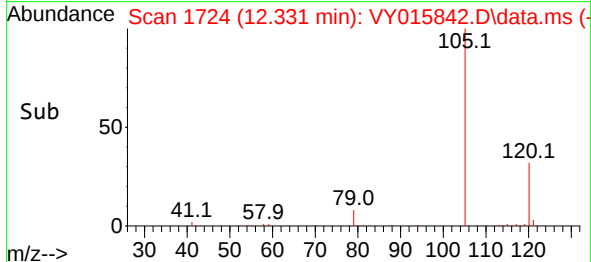
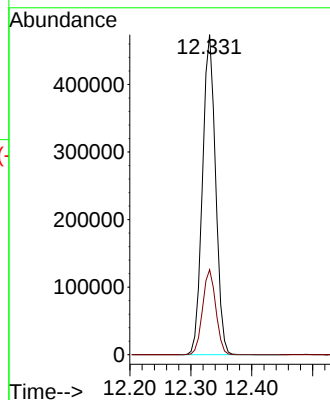
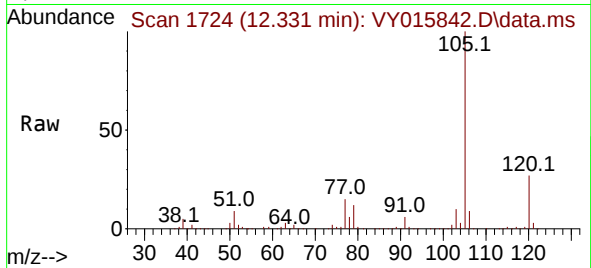




#73
Isopropylbenzene
Concen: 71.198 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

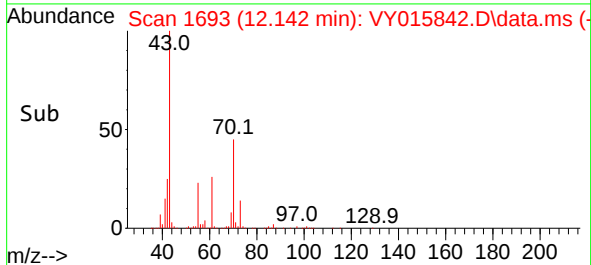
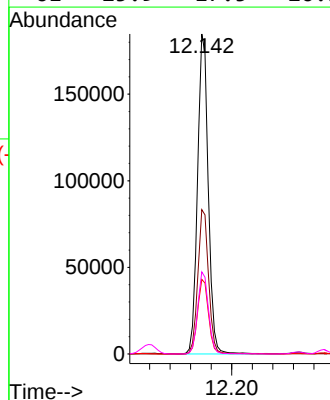
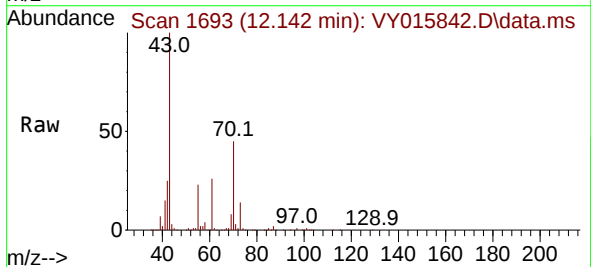
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

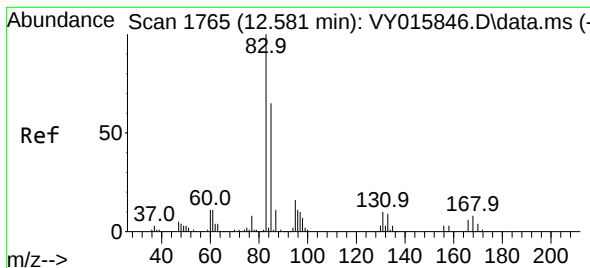
Tgt Ion:105 Resp: 707360
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 69.856 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 43 Resp: 268187
Ion Ratio Lower Upper
43 100
70 45.3 29.7 44.5#
55 23.8 18.3 27.5
61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 67.250 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

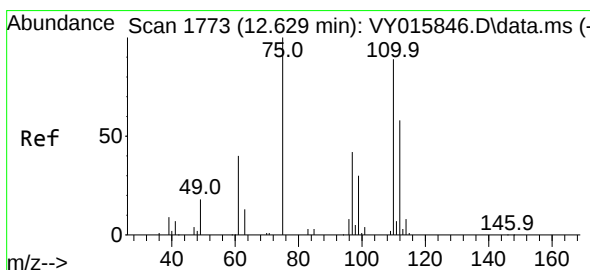
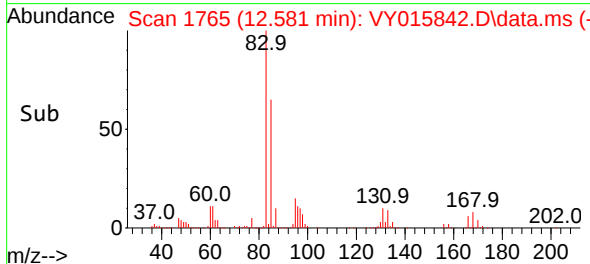
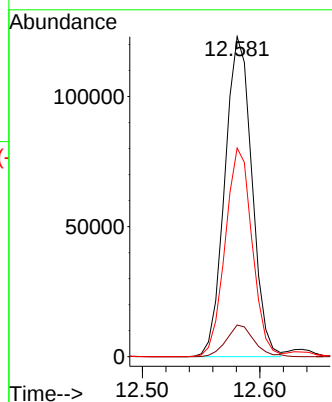
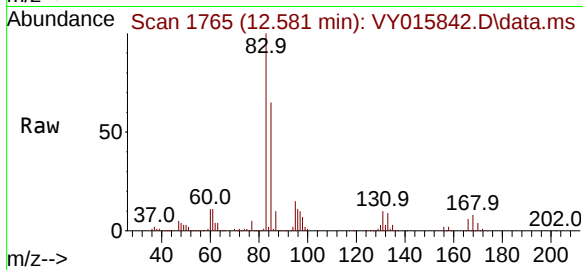
Tgt Ion: 83 Resp: 197361

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 113.553 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015842.D

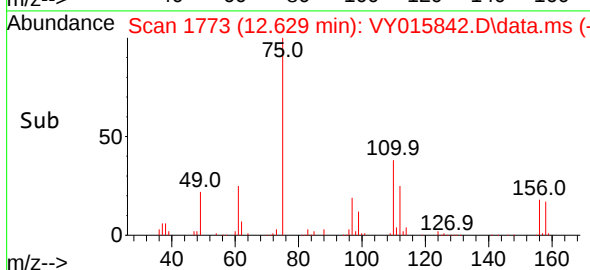
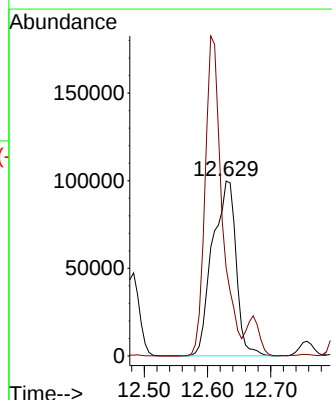
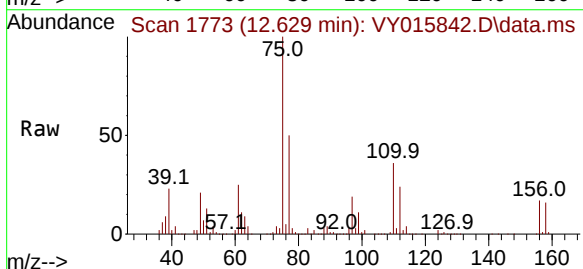
Acq: 05 Oct 2023 10:58

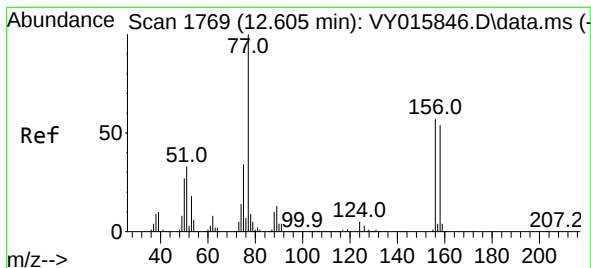
Tgt Ion: 75 Resp: 257810

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 69.446 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

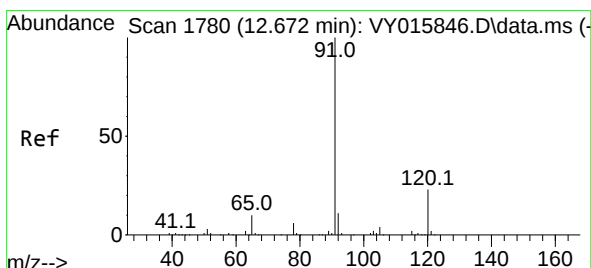
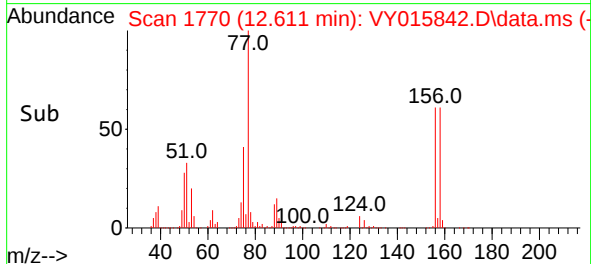
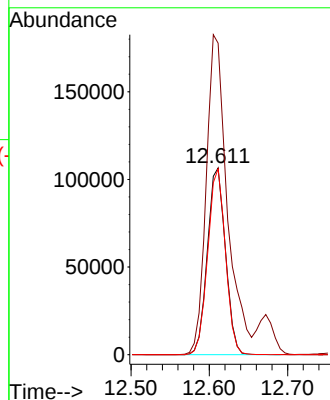
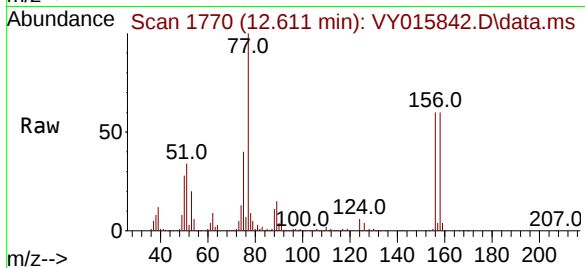
Tgt Ion:156 Resp: 170684

Ion Ratio Lower Upper

156 100

77 199.7 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 71.813 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015842.D

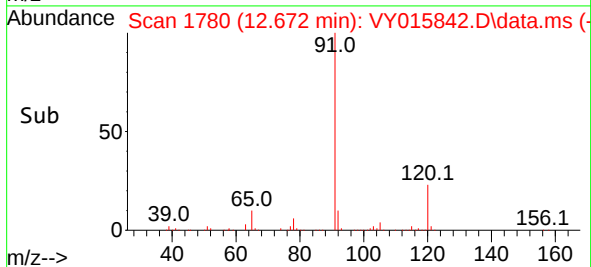
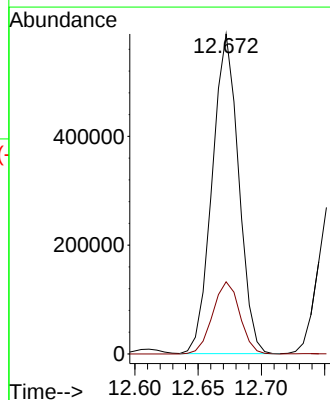
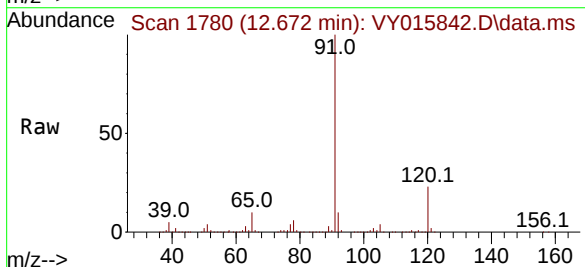
Acq: 05 Oct 2023 10:58

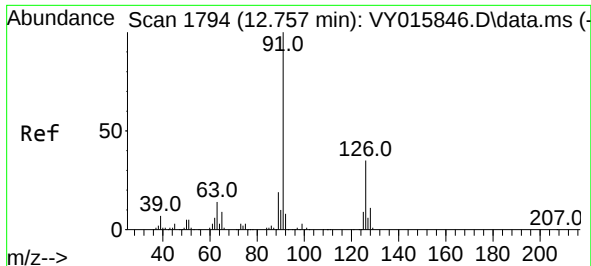
Tgt Ion: 91 Resp: 854590

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

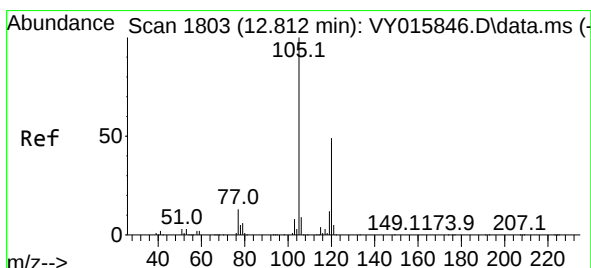
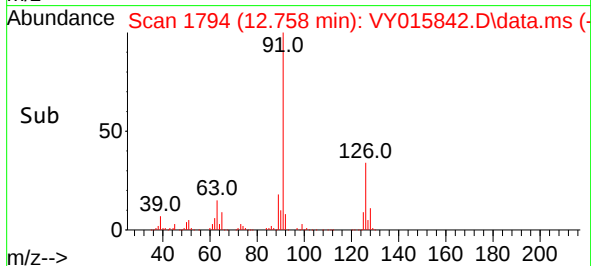
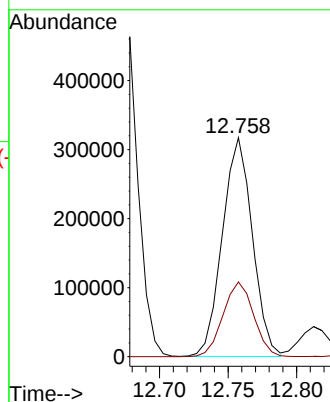
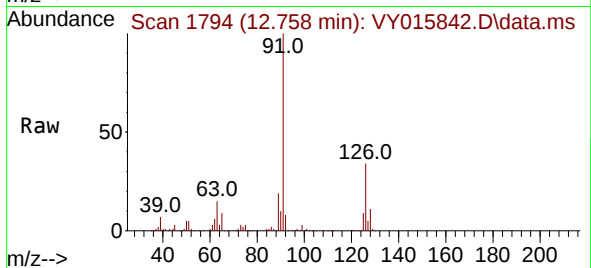




#79
2-Chlorotoluene
Concen: 70.453 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

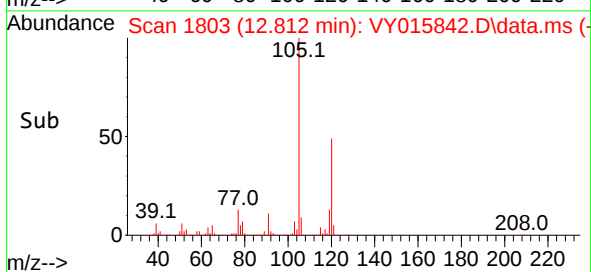
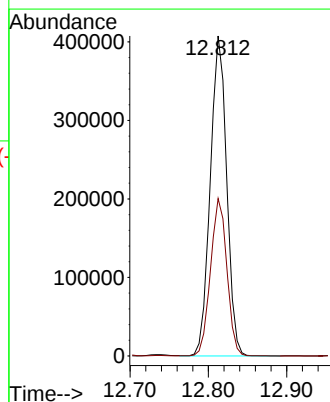
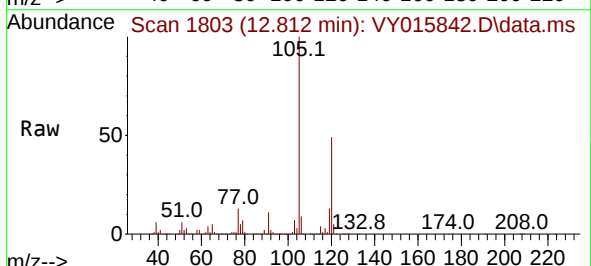
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

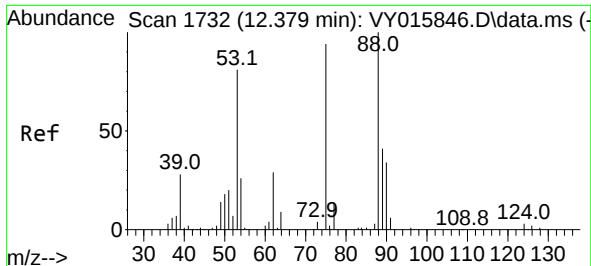
Tgt Ion: 91 Resp: 482809
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 71.448 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 105 Resp: 591581
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

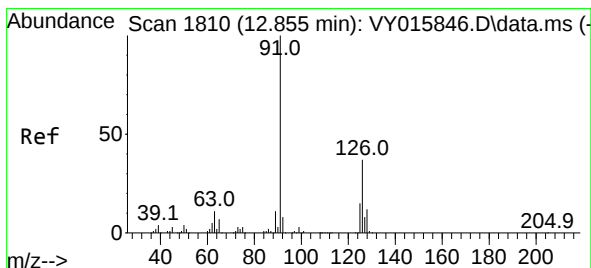
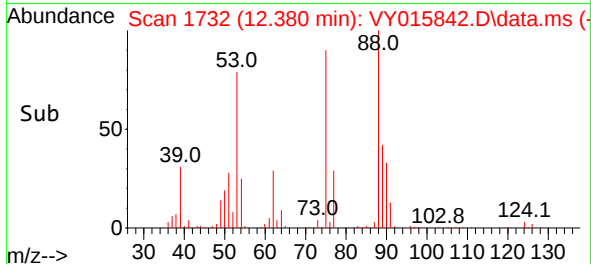
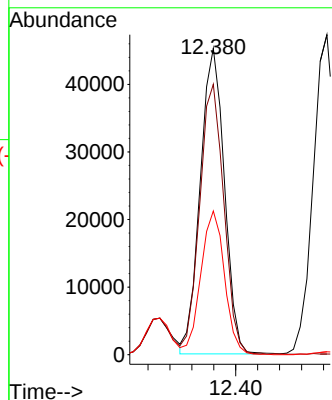
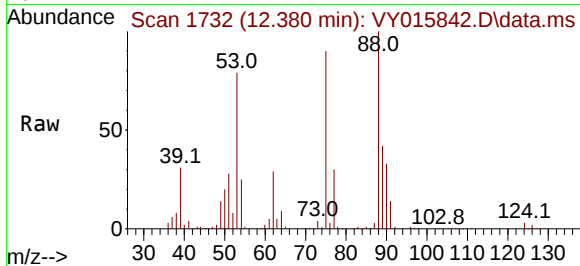




#81
trans-1,4-Dichloro-2-butene
Concen: 70.602 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

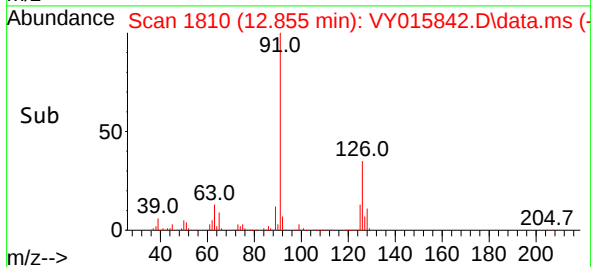
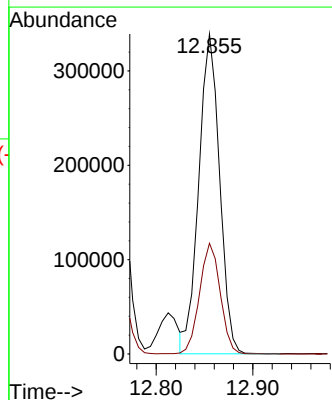
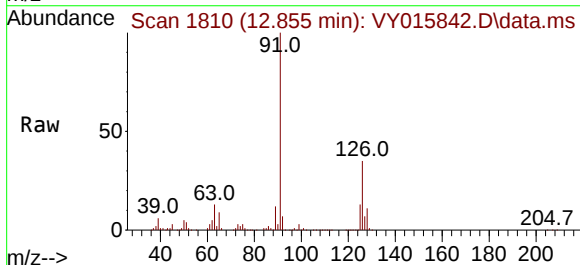
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

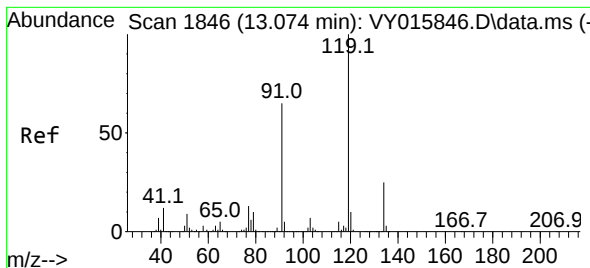
Tgt Ion: 75 Resp: 69245
Ion Ratio Lower Upper
75 100
53 88.6 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 70.701 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015842.D
Acq: 05 Oct 2023 10:58

Tgt Ion: 91 Resp: 507103
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 70.189 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

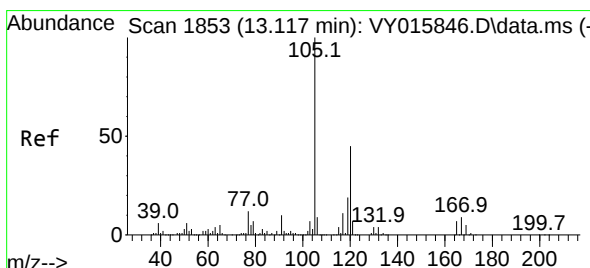
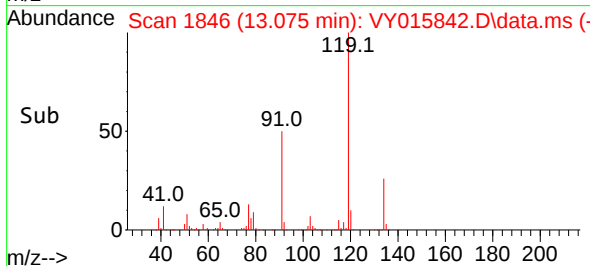
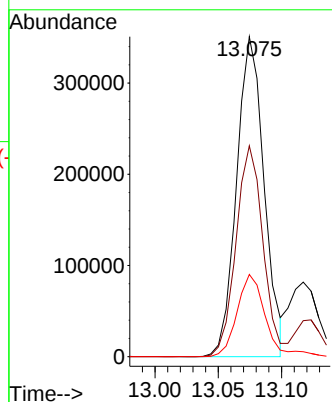
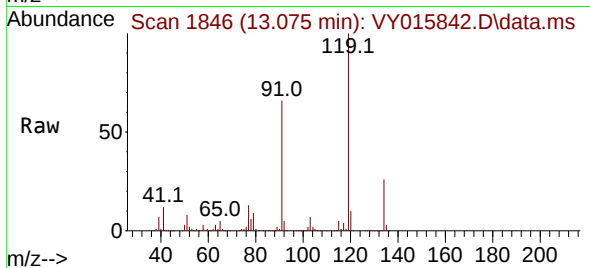
Tgt Ion:119 Resp: 531218

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 70.826 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015842.D

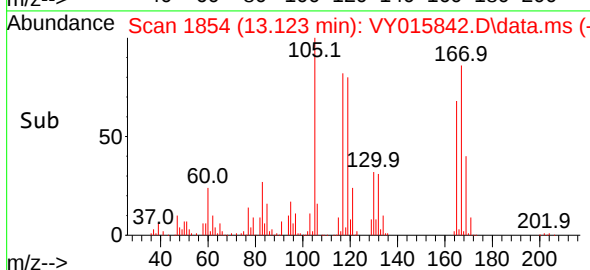
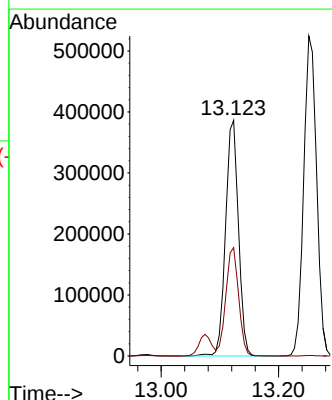
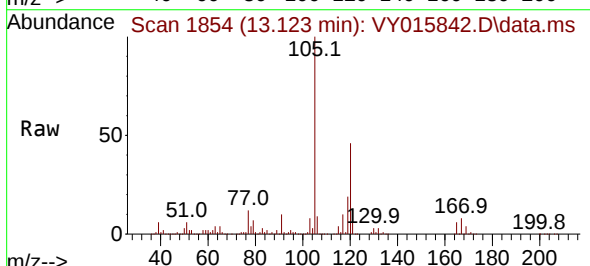
Acq: 05 Oct 2023 10:58

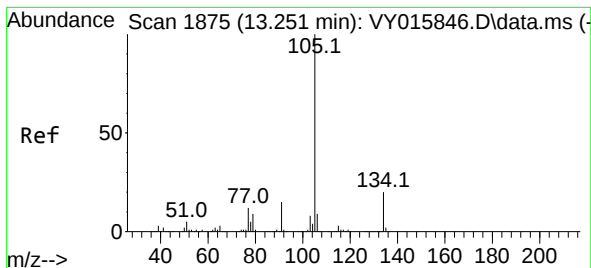
Tgt Ion:105 Resp: 589138

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 71.782 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

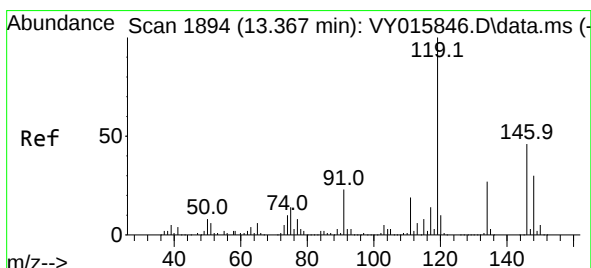
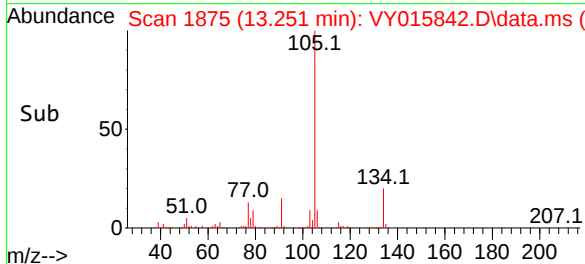
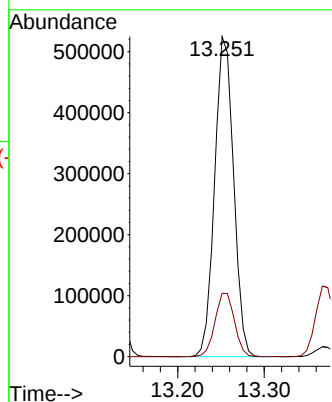
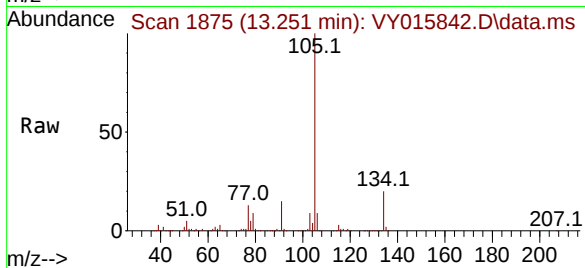
VSTDCCC050

Tgt Ion:105 Resp: 797054

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 71.996 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

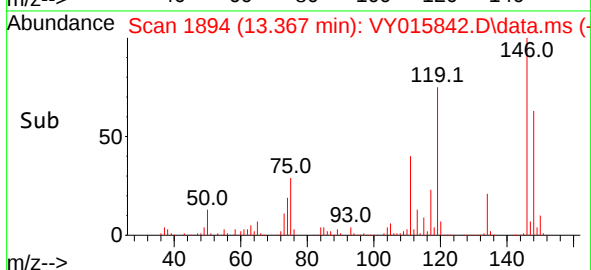
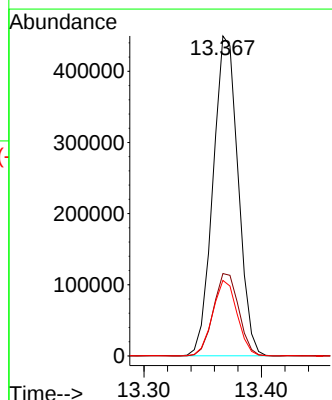
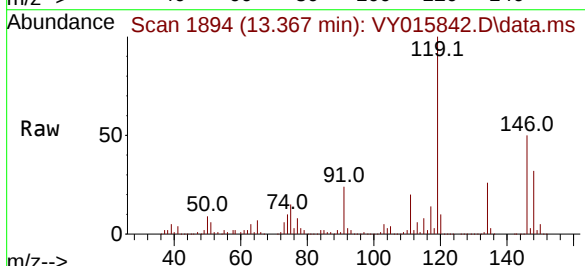
Tgt Ion:119 Resp: 665723

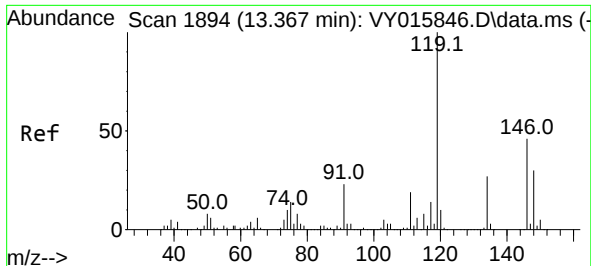
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 69.281 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

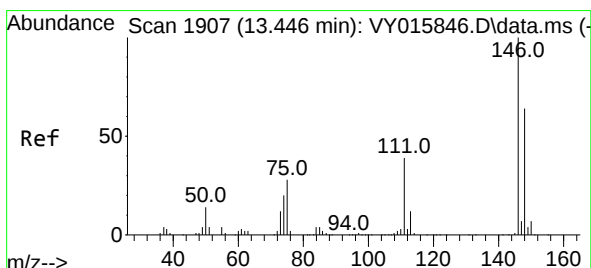
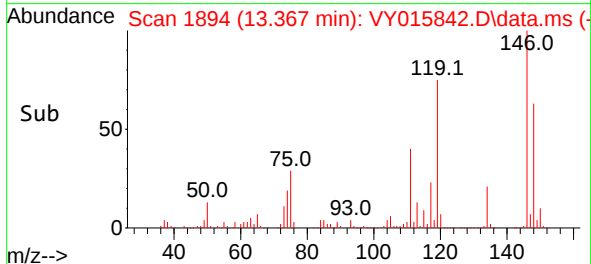
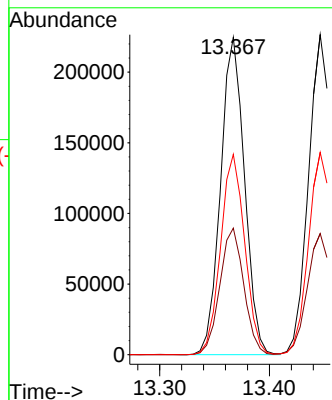
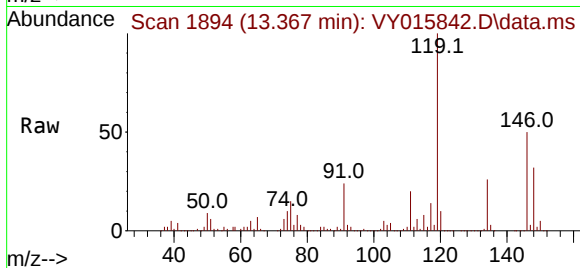
Tgt Ion:146 Resp: 340931

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 68.393 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

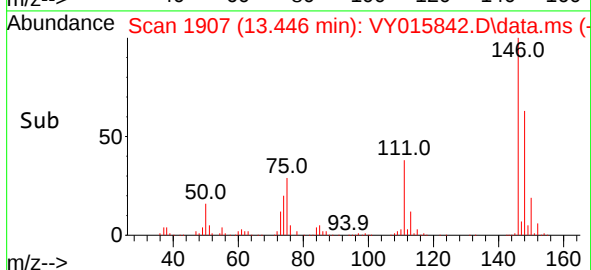
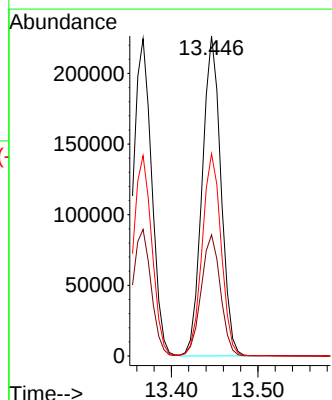
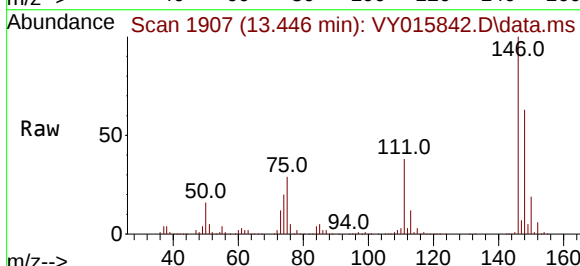
Tgt Ion:146 Resp: 340287

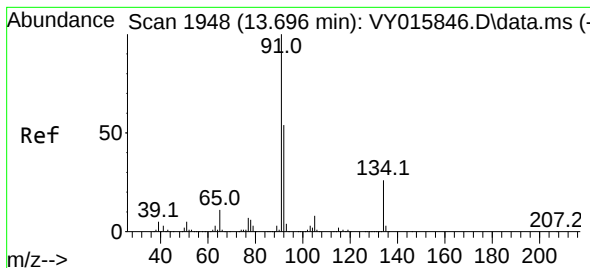
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 71.992 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

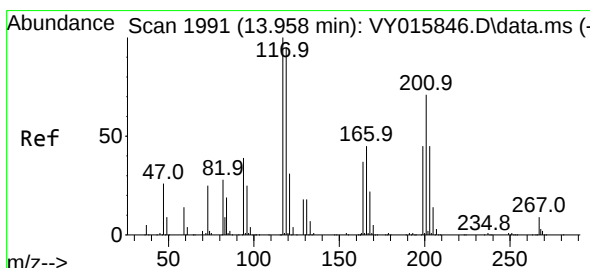
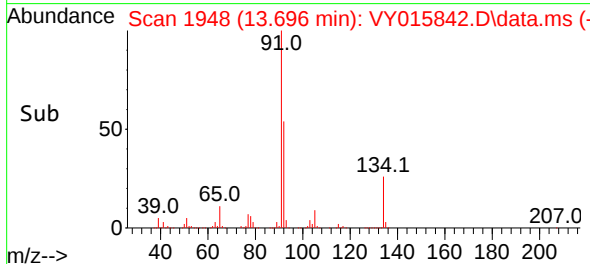
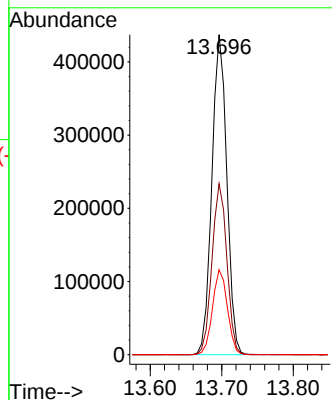
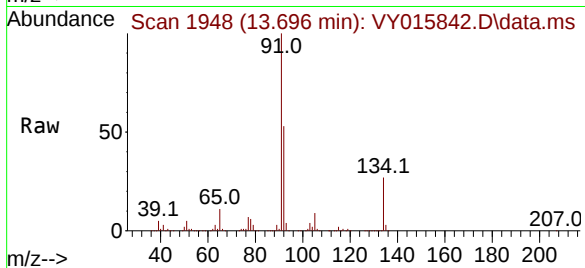
Tgt Ion: 91 Resp: 633436

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 71.825 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015842.D

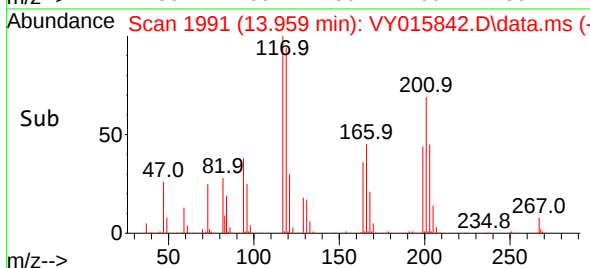
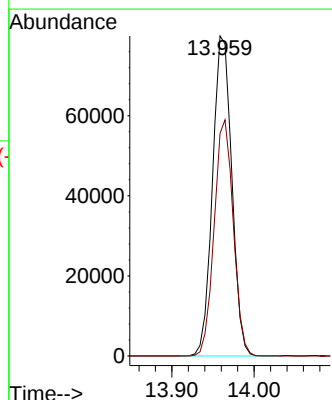
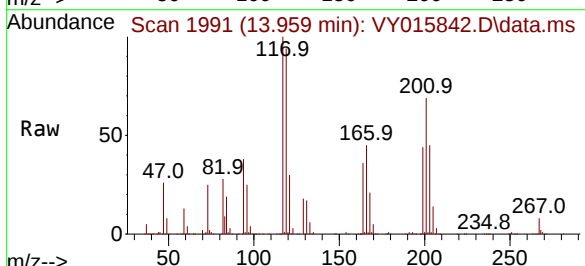
Acq: 05 Oct 2023 10:58

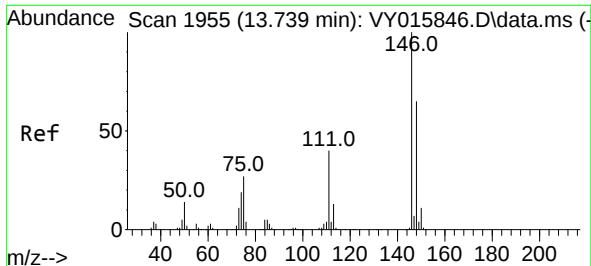
Tgt Ion: 117 Resp: 129634

Ion Ratio Lower Upper

117 100

201 73.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 68.912 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

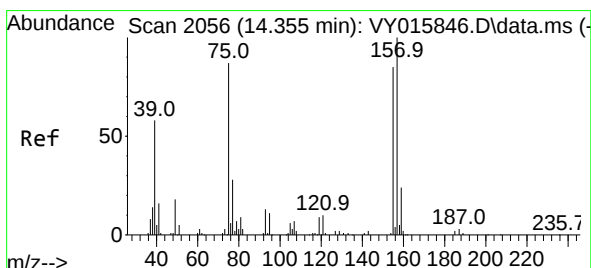
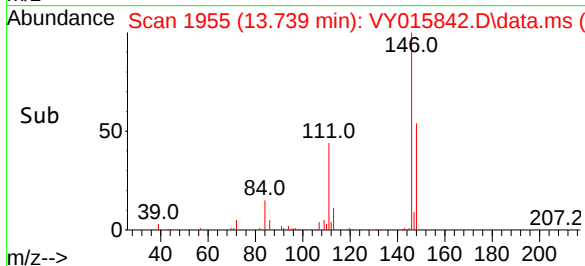
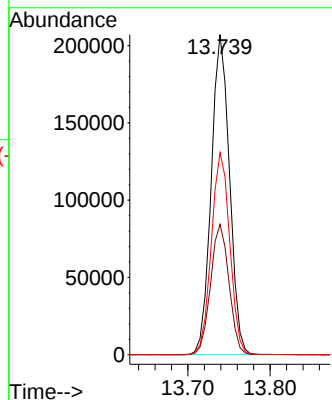
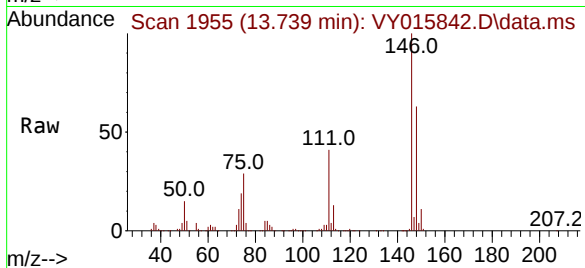
Tgt Ion:146 Resp: 319369

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 66.143 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

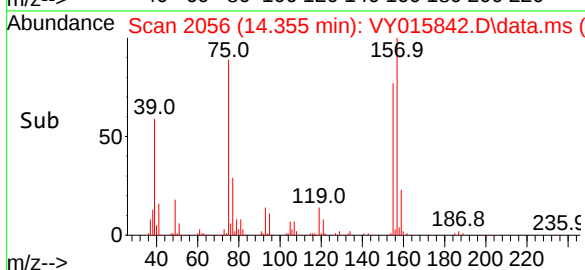
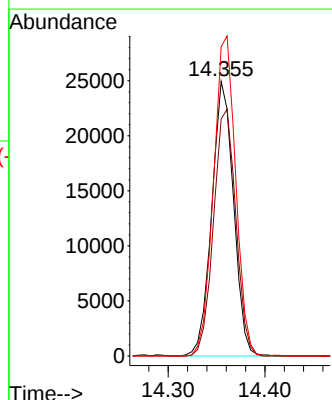
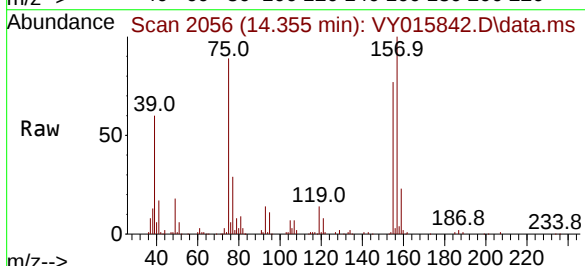
Tgt Ion: 75 Resp: 38950

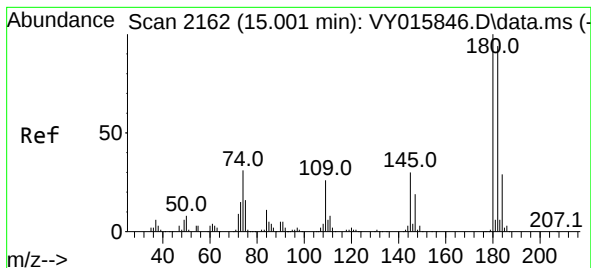
Ion Ratio Lower Upper

75 100

155 91.9 41.5 124.6

157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 69.276 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

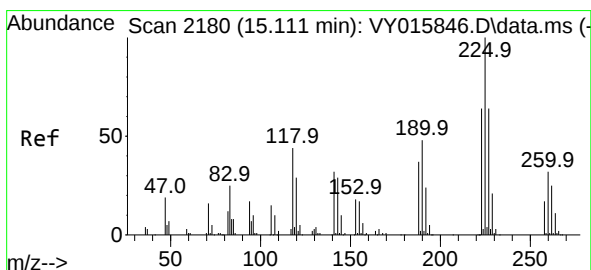
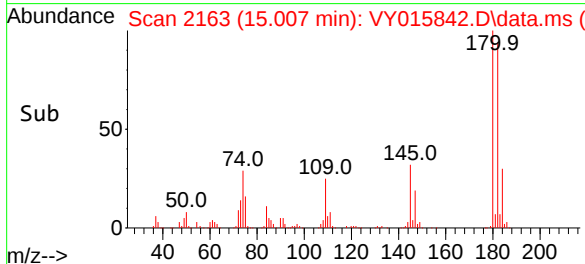
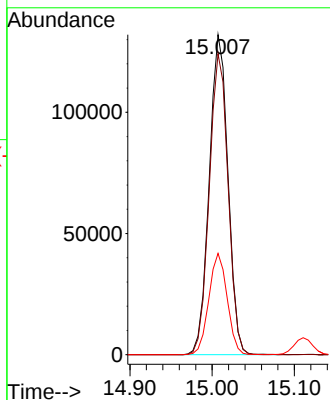
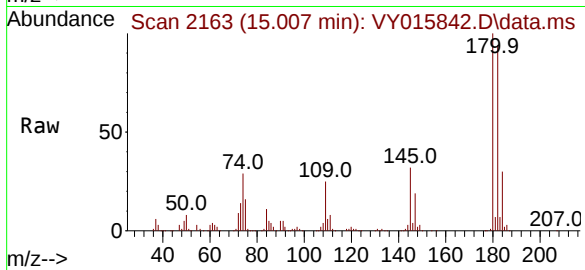
Tgt Ion:180 Resp: 208967

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 69.061 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

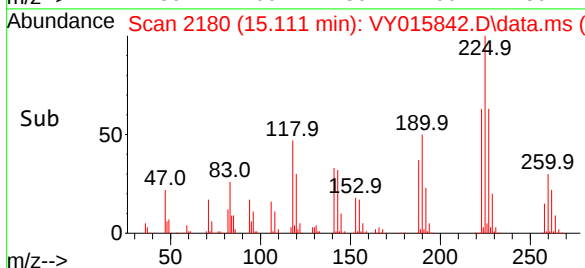
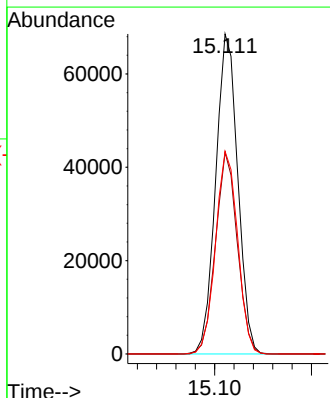
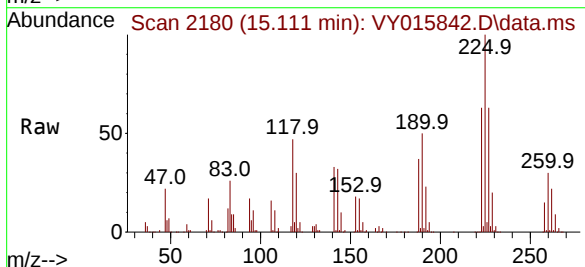
Tgt Ion:225 Resp: 108545

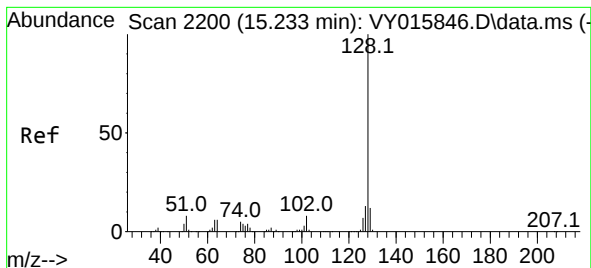
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 69.486 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

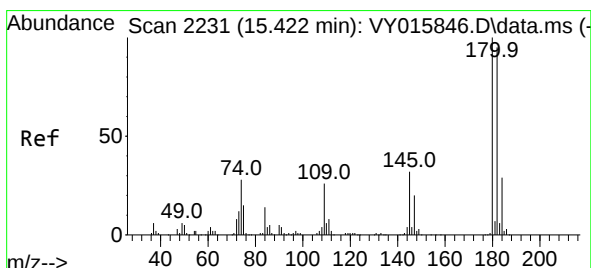
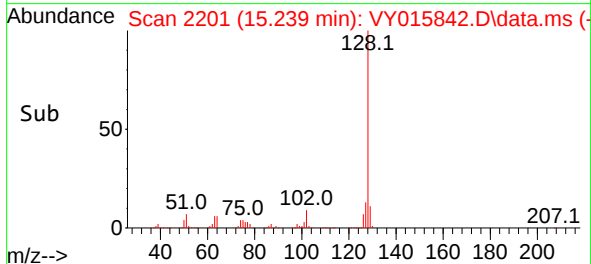
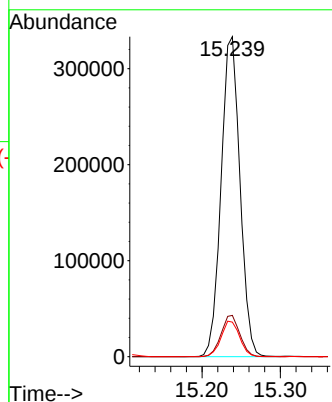
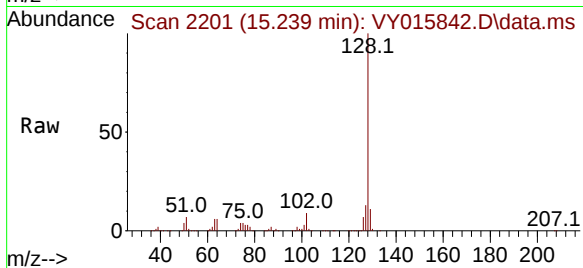
Tgt Ion:128 Resp: 558892

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 68.123 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015842.D

Acq: 05 Oct 2023 10:58

Tgt Ion:180 Resp: 192532

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 31.9 15.4 46.2

