

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075851.D
 Acq On : 26 Apr 2023 22:59
 Operator : KP/SY
 Sample : 02447-19MSD
 Misc : 5.03G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

Quant Time: Apr 27 02:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	268918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201283	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	57318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	153189	25.967	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	= 103.880%		
7) Chloroethane-d5	2.805	69	138493	27.170	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	= 108.680%		
11) 1,1-Dichloroethene-d2	3.922	65	33989	24.990	ug/L	0.00
Spiked Amount 25.000	Range	45 - 110	Recovery	= 99.960%		
21) 2-Butanone-d5	6.987	46	28336	55.329	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	= 110.660%		
24) Chloroform-d	7.569	84	194495	28.922	ug/L	0.00
Spiked Amount 25.000	Range	40 - 150	Recovery	= 115.680%		
26) 1,2-Dichloroethane-d4	8.234	65	84442	29.404	ug/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	= 117.600%		
32) Benzene-d6	8.205	84	388034	33.076	ug/L	0.00
Spiked Amount 25.000	Range	20 - 135	Recovery	= 132.320%		
36) 1,2-Dichloropropane-d6	9.210	67	113308	34.894	ug/L	0.00
Spiked Amount 25.000	Range	70 - 120	Recovery	= 139.560%#		
41) Toluene-d8	10.269	98	328712	29.929	ug/L	0.00
Spiked Amount 25.000	Range	30 - 130	Recovery	= 119.720%		
43) trans-1,3-Dichloroprop...	10.528	79	40067	29.852	ug/L	0.00
Spiked Amount 25.000	Range	30 - 135	Recovery	= 119.400%		
47) 2-Hexanone-d5	10.875	63	23534	60.192	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	= 120.380%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76234	30.680	ug/L	0.00
Spiked Amount 25.000	Range	45 - 120	Recovery	= 122.720%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	51080	25.195	ug/L	0.00
Spiked Amount 25.000	Range	75 - 120	Recovery	= 100.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	104599	28.215	ug/L	98
3) Chloromethane	2.152	50	146837	28.413	ug/L	98
5) Vinyl chloride	2.287	62	181473	26.868	ug/L	97
6) Bromomethane	2.699	94	116466	25.662	ug/L	99
8) Chloroethane	2.840	64	119480	27.352	ug/L	96
9) Trichlorofluoromethane	3.175	101	139867	25.772	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	89973	24.678	ug/L	96
12) 1,1-Dichloroethene	3.946	96	94480	26.721	ug/L	88
13) Acetone	4.022	43	28628	65.320	ug/L	94
14) Carbon disulfide	4.275	76	291189	23.578	ug/L	97
15) Methyl Acetate	4.569	43	23235	24.462	ug/L #	54
16) Methylene chloride	4.799	84	131816	24.163	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	101368	25.567	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	193186	30.376	ug/L #	93
19) 1,1-Dichloroethane	6.116	63	167905	28.908	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	114813	27.387	ug/L	96
22) 2-Butanone	7.081	43	37330	65.334	ug/L	95
23) Bromochloromethane	7.428	128	58720	30.202	ug/L #	96
25) Chloroform	7.599	83	184573	28.355	ug/L	95

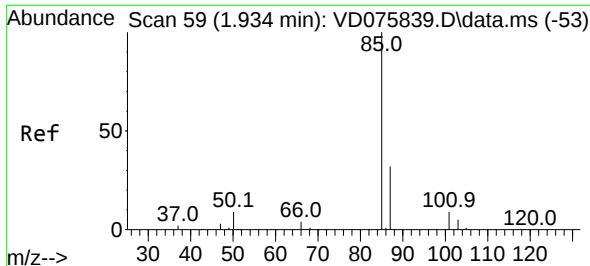
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 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	101744	30.280	ug/L	97
29) Cyclohexane	7.881	56	85822	24.907	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	135923	31.917	ug/L	99
31) Carbon tetrachloride	7.793	117	20684	6.054	ug/L	96
33) Benzene	8.252	78	412373	33.870	ug/L	100
34) Trichloroethene	9.028	95	92277	29.307	ug/L	96
35) Methylcyclohexane	9.275	83	91217	18.790	ug/L	99
37) 1,2-Dichloropropane	9.304	63	100922	36.085	ug/L #	96
38) Bromodichloromethane	9.587	83	130027	34.480	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	134601	30.262	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	76047	74.578	ug/L	98
42) Toluene	10.334	91	408040	30.969	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	110087	30.810	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	82895	34.839	ug/L	97
46) Tetrachloroethene	10.810	164	63456	24.571	ug/L	86
48) 2-Hexanone	10.922	43	50261	69.917	ug/L	93
49) Dibromochloromethane	11.075	129	84581	32.654	ug/L	98
50) 1,2-Dibromoethane	11.181	107	71446	33.306	ug/L	97
51) Chlorobenzene	11.610	112	223228	25.898	ug/L	98
52) Ethylbenzene	11.687	91	336897	24.935	ug/L	99
53) m,p-Xylene	11.793	106	134892	25.073	ug/L	95
54) o-Xylene	12.122	106	134706	26.362	ug/L	91
55) Styrene	12.134	104	216122	24.301	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	72158	29.806	ug/L	99
59) Bromoform	12.298	173	45999	52.363	ug/L	98
60) Isopropylbenzene	12.422	105	268985	35.392	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	50079	55.618	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	171680	30.293	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	166371	30.453	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	96010	26.402	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	94545	24.772	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	85519	26.334	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	8091	44.950	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	31362	12.867	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	19273	9.542	ug/L	97
71) Naphthalene	15.334	128	56552	15.299	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	16676	9.249	ug/L	94

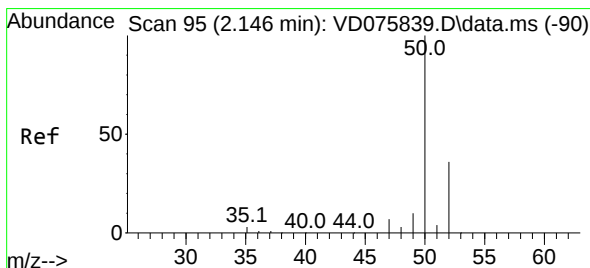
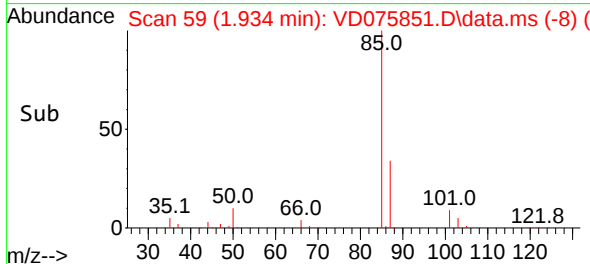
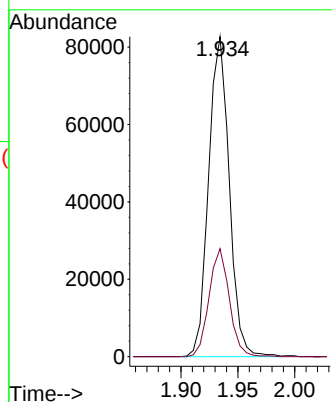
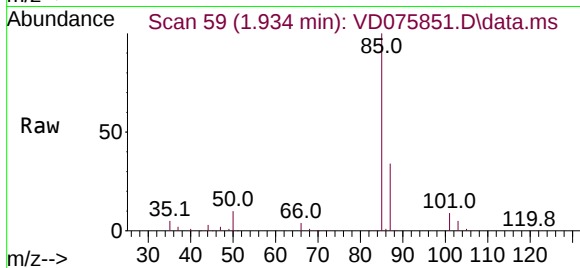
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#2
Dichlorodifluoromethane
Concen: 28.215 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075851.D
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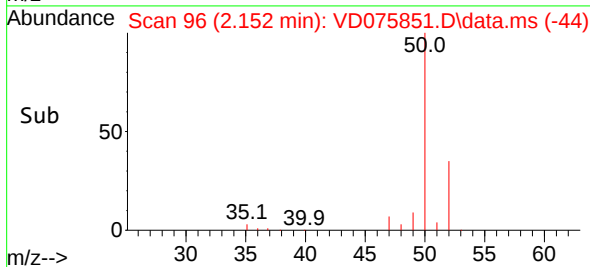
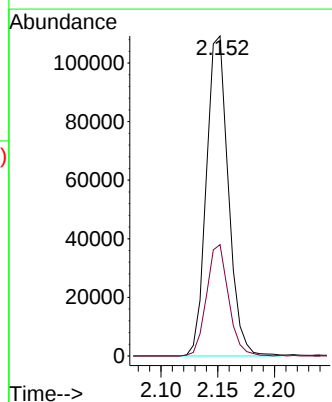
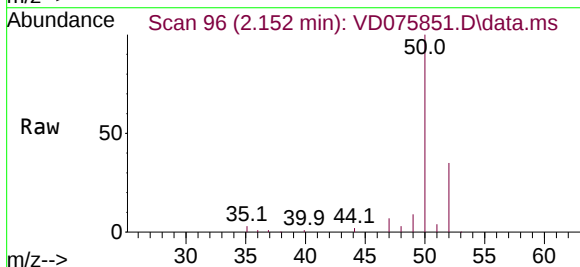
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

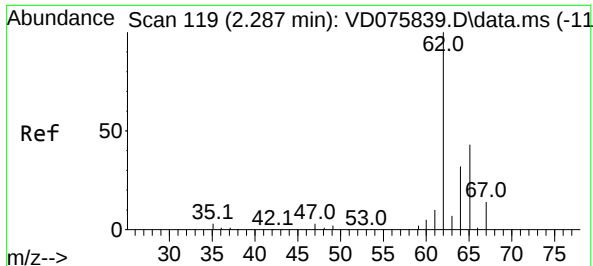
Tgt Ion: 85 Resp: 104599
Ion Ratio Lower Upper
85 100
87 33.2 25.8 38.8



#3
Chloromethane
Concen: 28.413 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 50 Resp: 146837
Ion Ratio Lower Upper
50 100
52 34.8 23.7 44.1

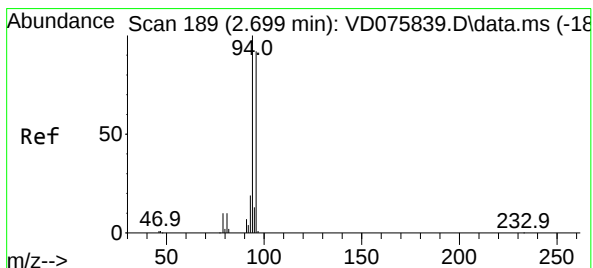
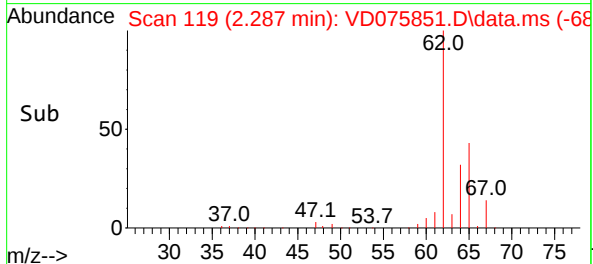
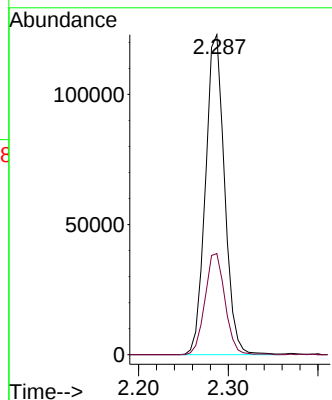
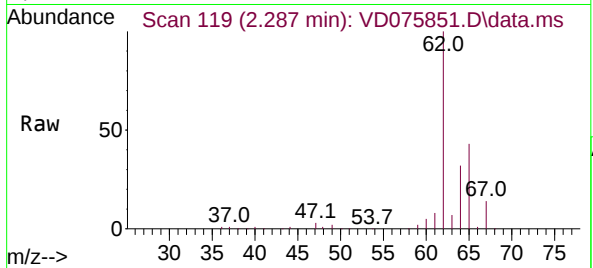




#5
 Vinyl chloride
 Concen: 26.868 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

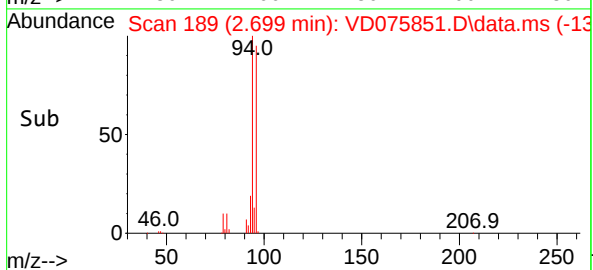
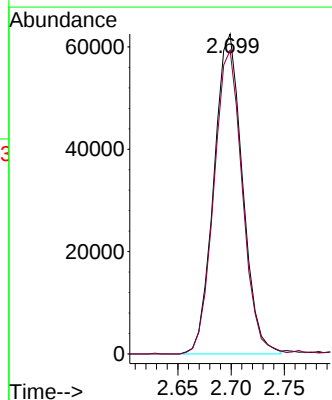
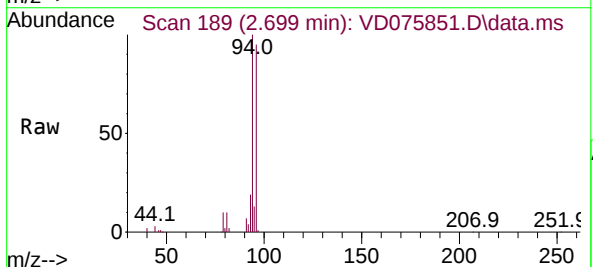
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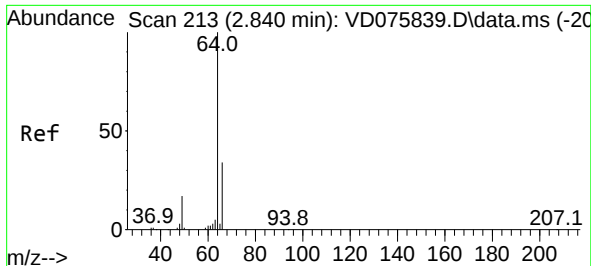
Tgt Ion: 62 Resp: 181473
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.2 43.0



#6
 Bromomethane
 Concen: 25.662 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

Tgt Ion: 94 Resp: 116466
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.7 121.9

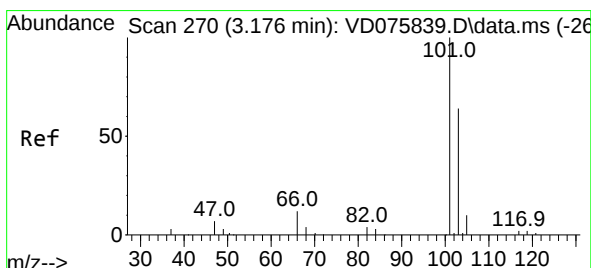
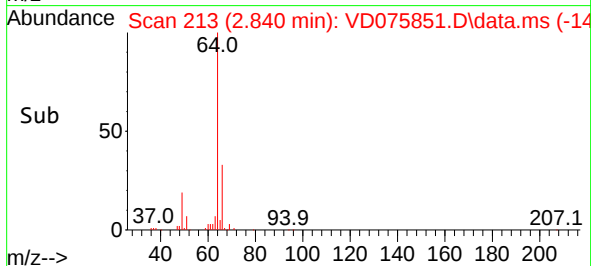
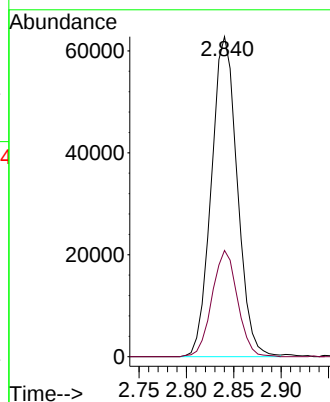
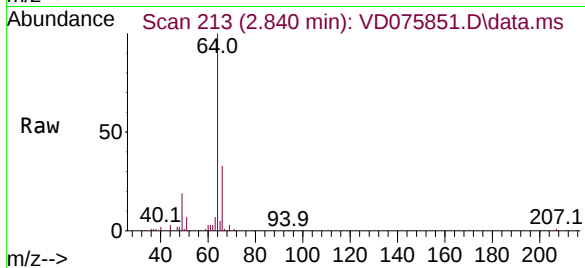




#8
Chloroethane
Concen: 27.352 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

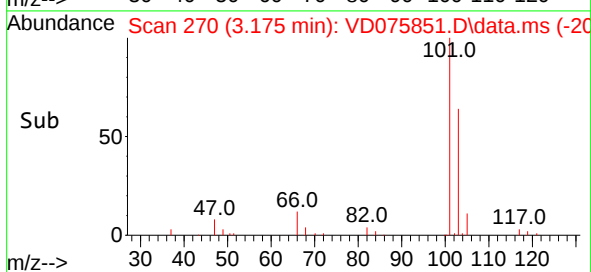
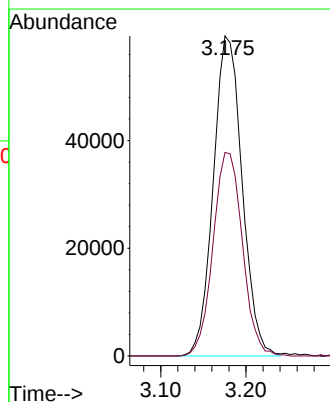
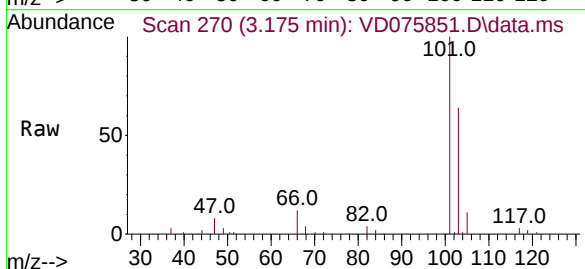
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ClientSampleId :
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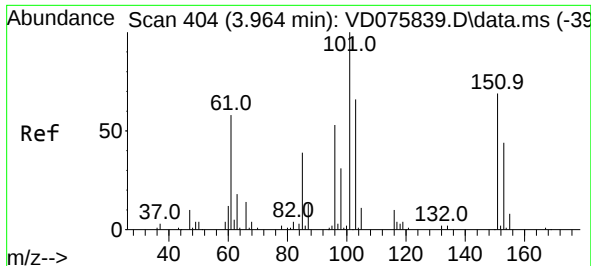
Tgt Ion: 64 Resp: 119480
Ion Ratio Lower Upper
64 100
66 33.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.772 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:101 Resp: 139867
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

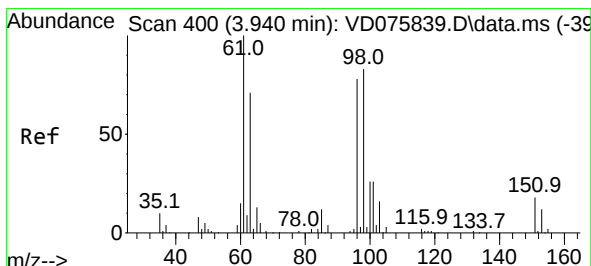
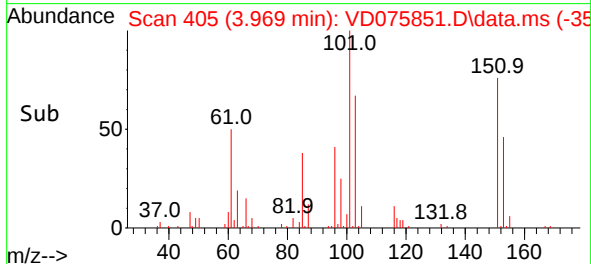
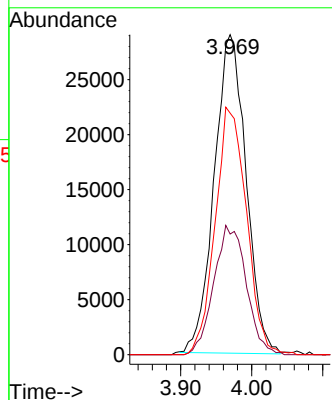
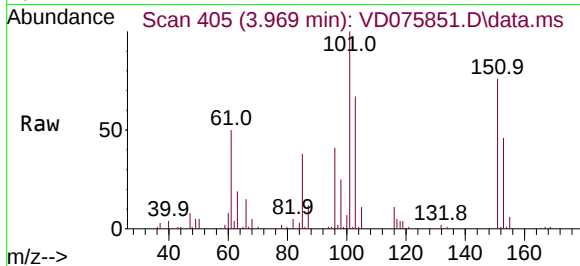




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.678 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

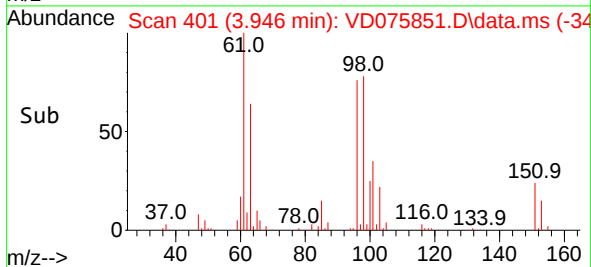
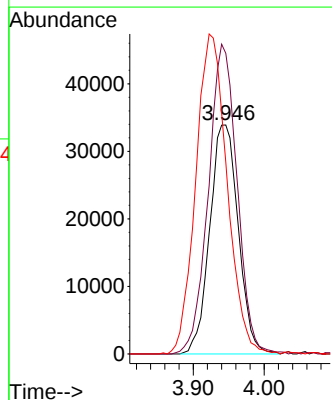
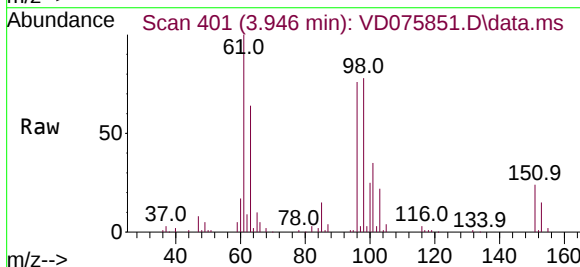
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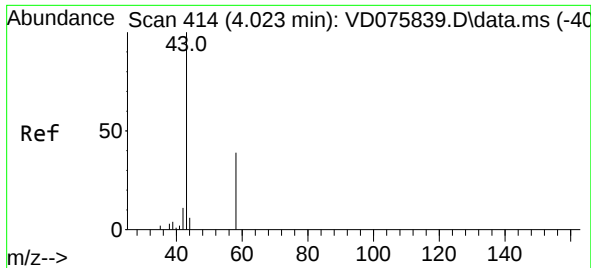
Tgt Ion: 101 Resp: 89973
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.9 49.3
 151 76.4 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.721 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

Tgt Ion: 96 Resp: 94480
 Ion Ratio Lower Upper
 96 100
 61 131.3 92.6 172.0
 63 83.7 77.4 143.8





#13

Acetone

Concen: 65.320 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

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MSVOA_D

ClientSampleId :

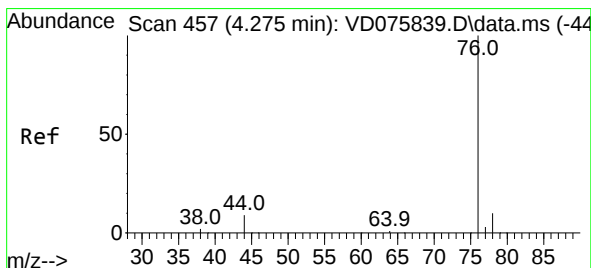
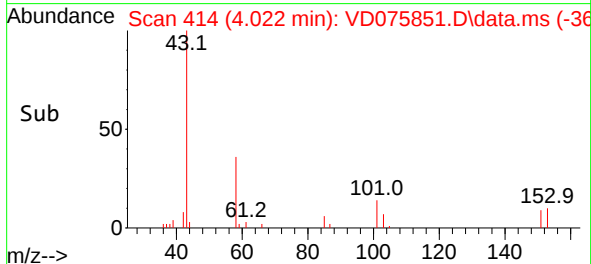
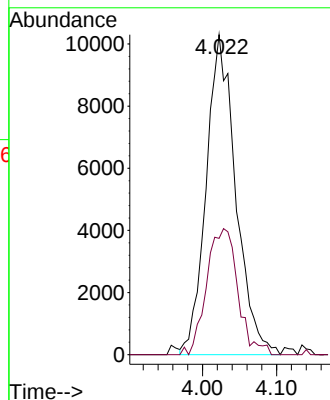
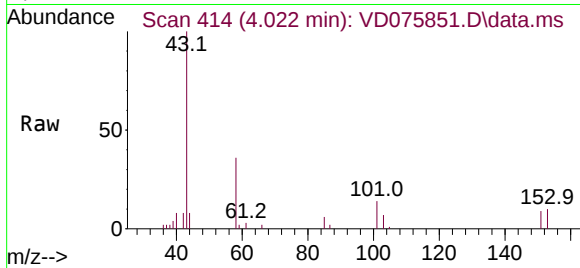
EW937MSD

Tgt Ion: 43 Resp: 28628

Ion Ratio Lower Upper

43 100

58 39.5 0.0 87.4



#14

Carbon disulfide

Concen: 23.578 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD075851.D

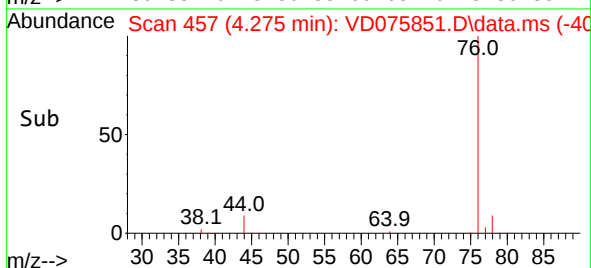
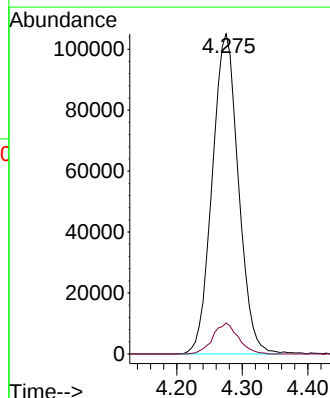
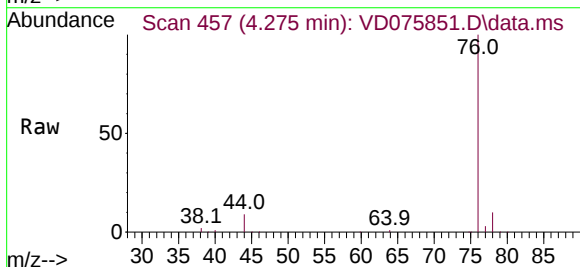
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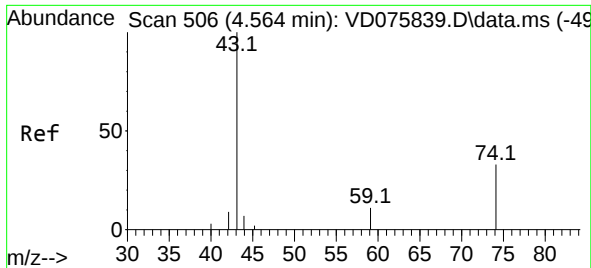
Tgt Ion: 76 Resp: 291189

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

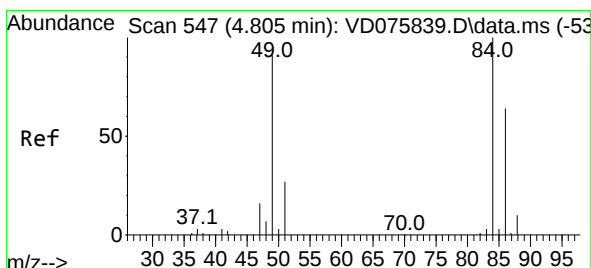
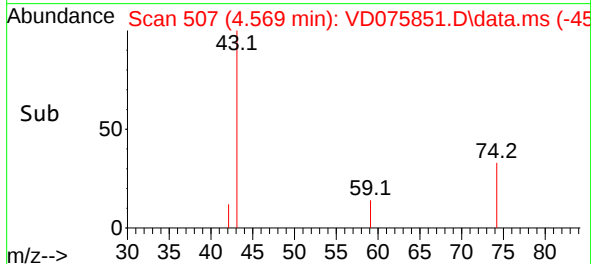
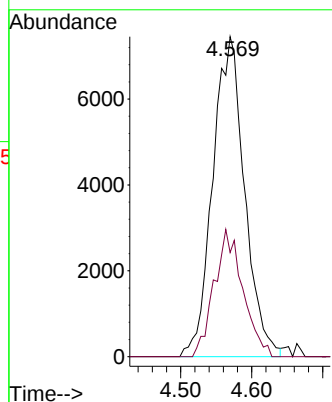
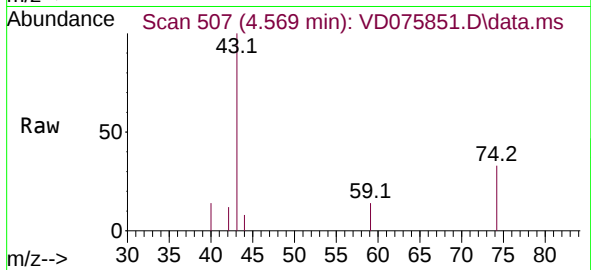




#15
Methyl Acetate
Concen: 24.462 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

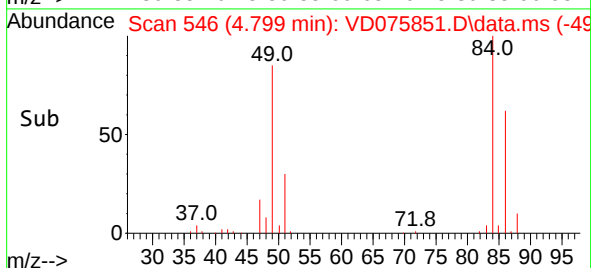
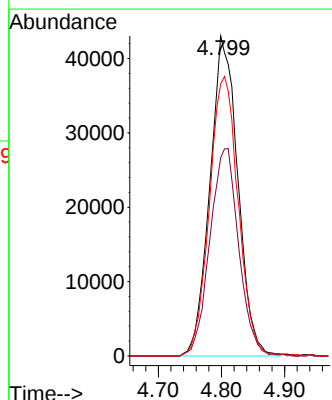
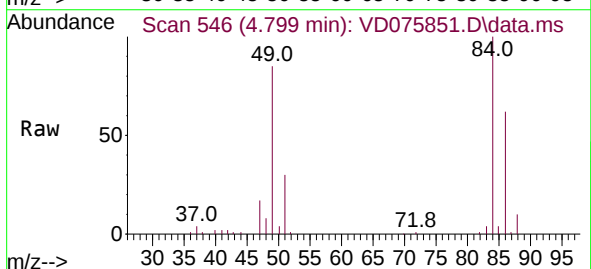
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

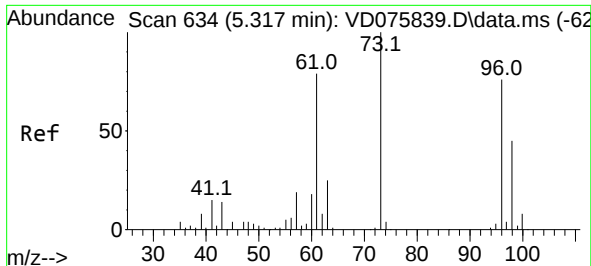
Tgt Ion: 43 Resp: 23235
Ion Ratio Lower Upper
43 100
74 35.7 12.8 19.2#



#16
Methylene chloride
Concen: 24.163 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 84 Resp: 131816
Ion Ratio Lower Upper
84 100
86 61.9 45.8 85.2
49 85.1 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.567 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

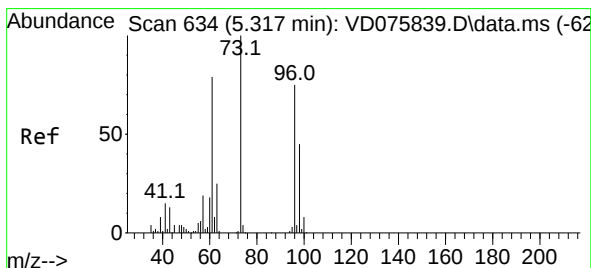
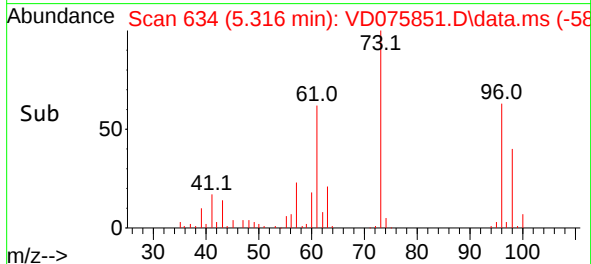
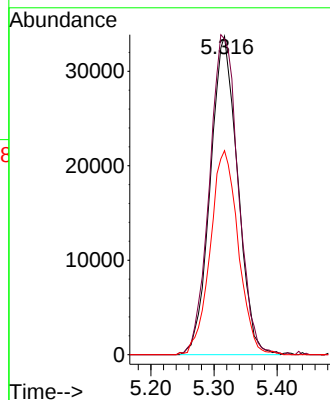
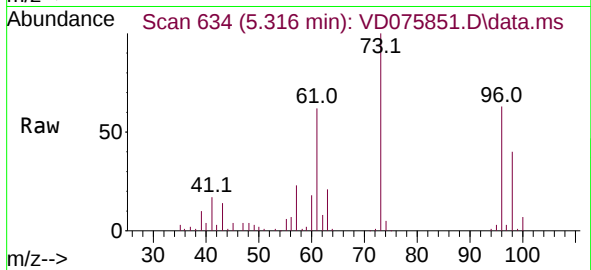
Tgt Ion: 96 Resp: 101368

Ion Ratio Lower Upper

96 100

61 99.2 72.9 135.5

98 64.1 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 30.376 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

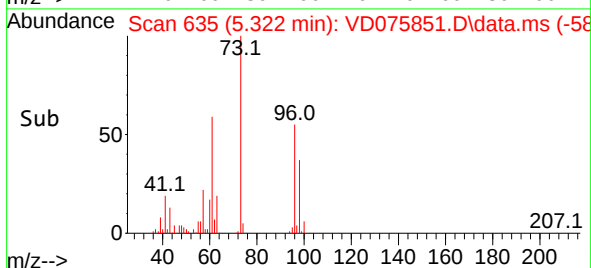
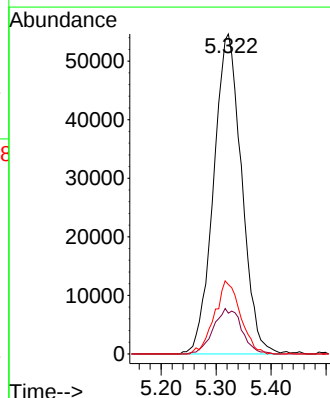
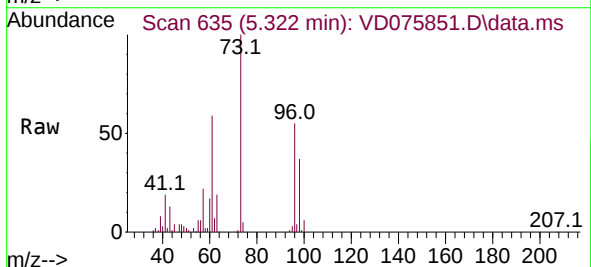
Tgt Ion: 73 Resp: 193186

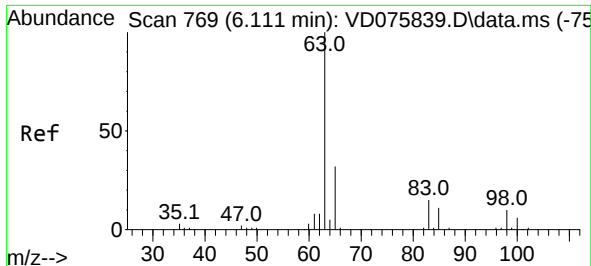
Ion Ratio Lower Upper

73 100

43 8.1 11.3 16.9#

57 21.1 16.3 24.5

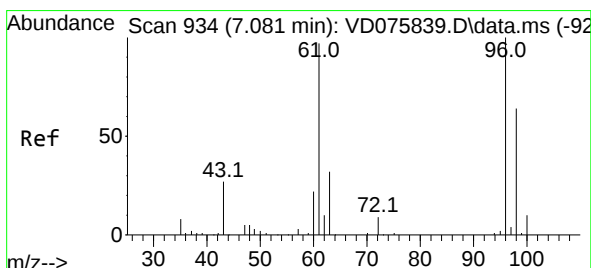
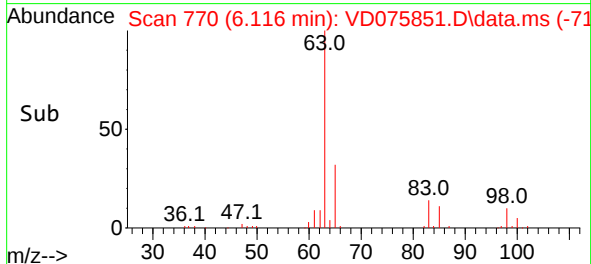
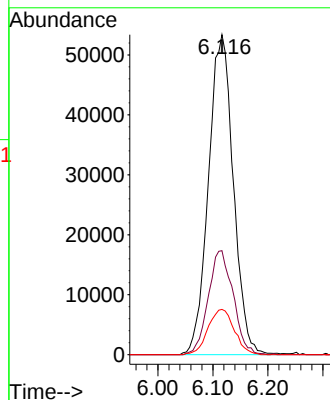
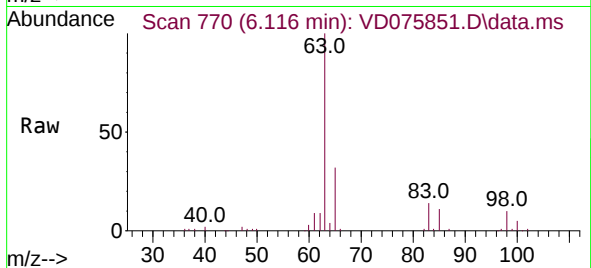




#19
1,1-Dichloroethane
Concen: 28.908 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

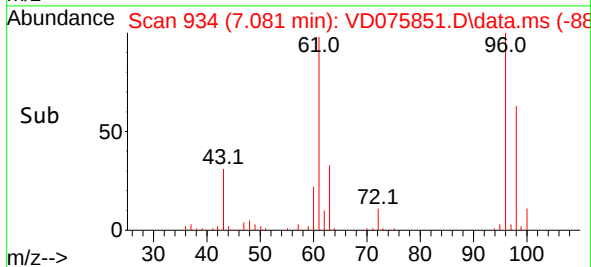
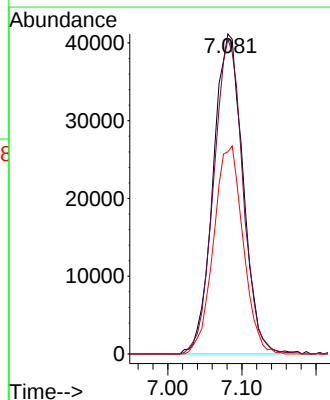
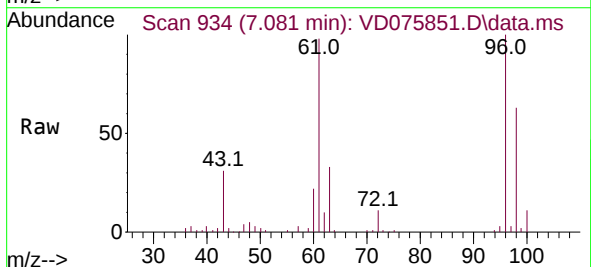
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

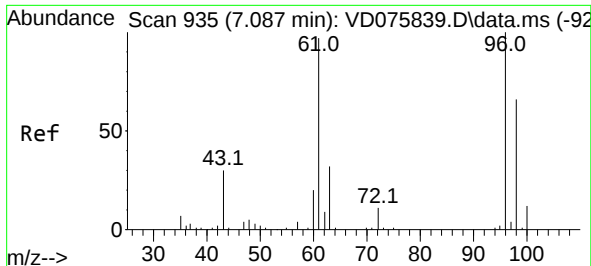
Tgt Ion: 63 Resp: 167905
Ion Ratio Lower Upper
63 100
65 32.5 22.8 42.4
83 14.1 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 27.387 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 96 Resp: 114813
Ion Ratio Lower Upper
96 100
61 98.4 67.5 125.3
98 63.2 47.5 88.1

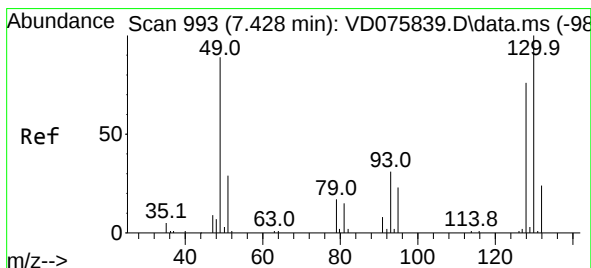
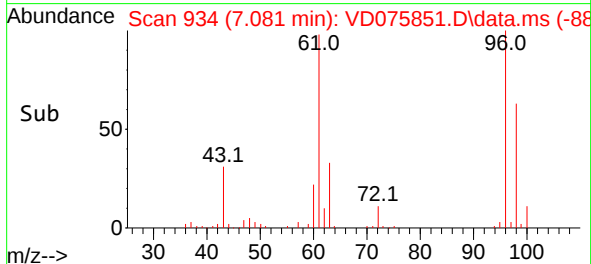
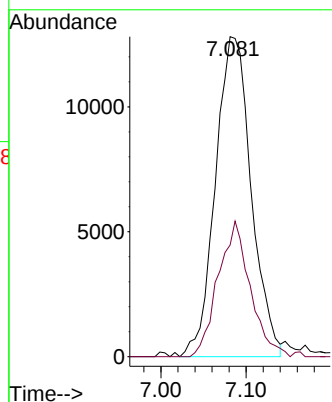
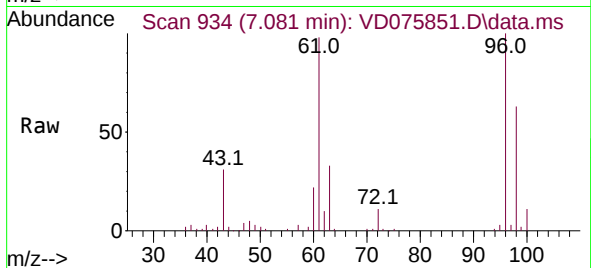




#22
2-Butanone
Concen: 65.334 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

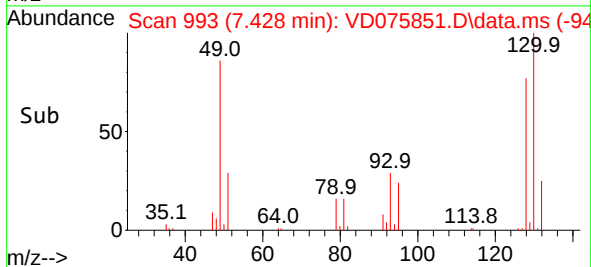
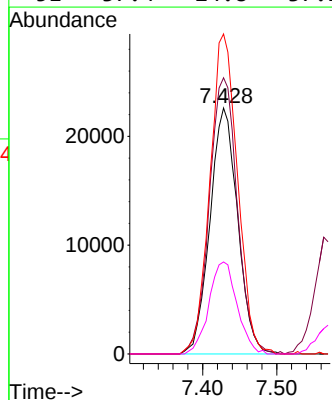
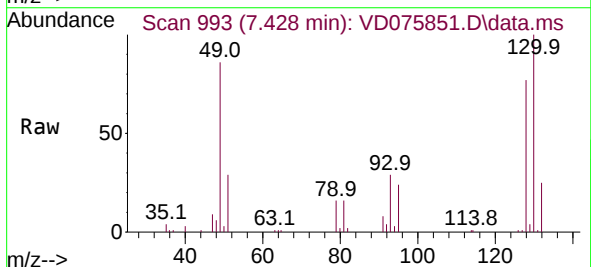
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

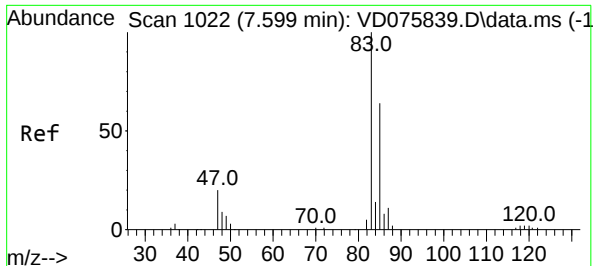
Tgt Ion: 43 Resp: 37330
Ion Ratio Lower Upper
43 100
72 37.9 20.5 61.5



#23
Bromochloromethane
Concen: 30.202 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:128 Resp: 58720
Ion Ratio Lower Upper
128 100
49 112.3 76.4 142.0
130 130.1 93.5 173.7
51 37.4 24.8 37.2#





#25

Chloroform

Concen: 28.355 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

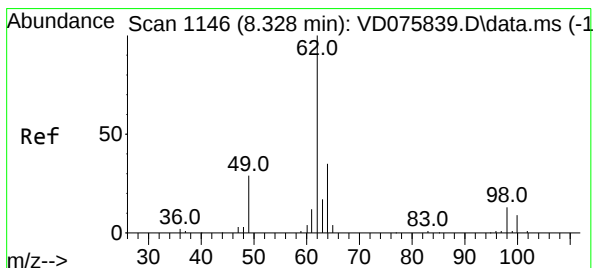
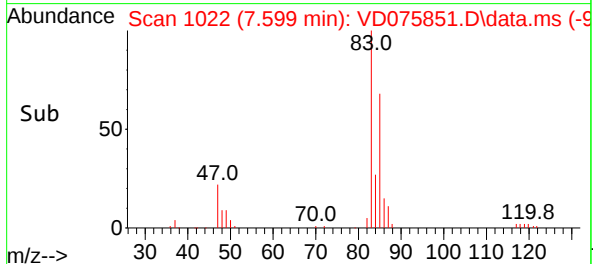
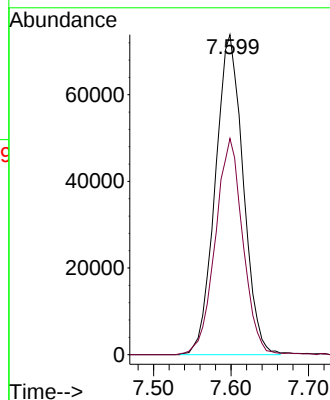
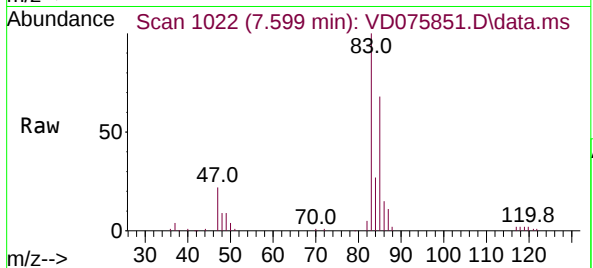
EW937MSD

Tgt Ion: 83 Resp: 184573

Ion Ratio Lower Upper

83 100

85 67.6 44.4 82.5



#27

1,2-Dichloroethane

Concen: 30.280 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075851.D

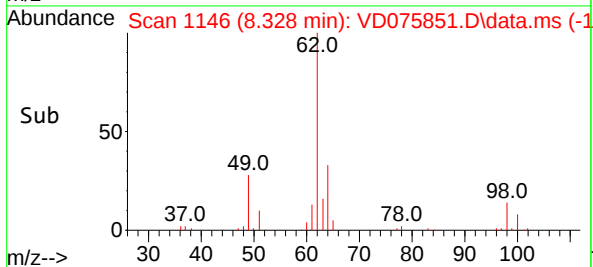
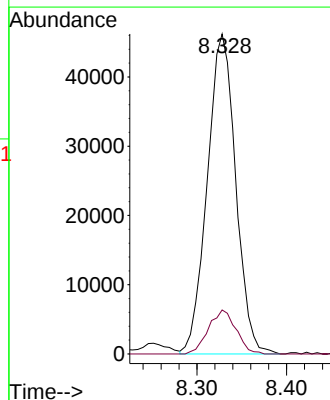
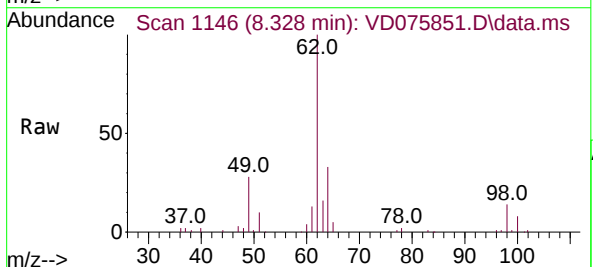
Acq: 26 Apr 2023 22:59

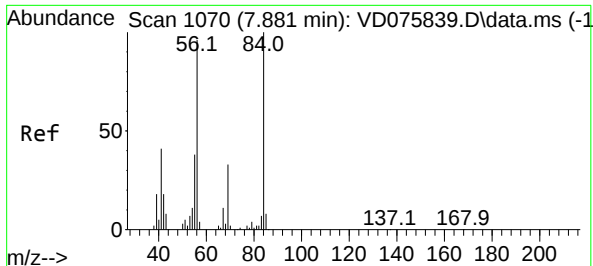
Tgt Ion: 62 Resp: 101744

Ion Ratio Lower Upper

62 100

98 13.7 10.2 15.2





#29

Cyclohexane

Concen: 24.907 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

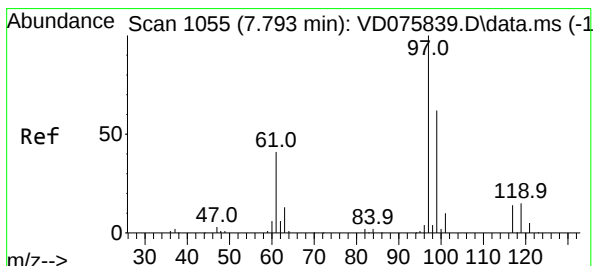
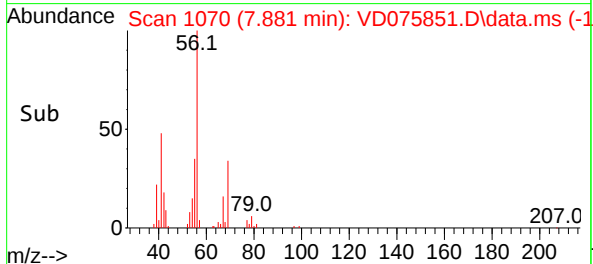
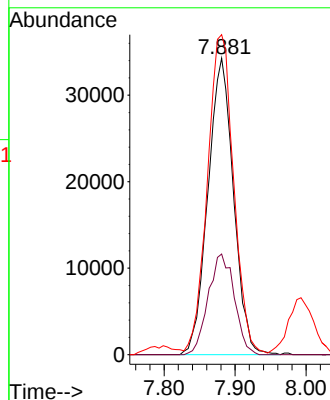
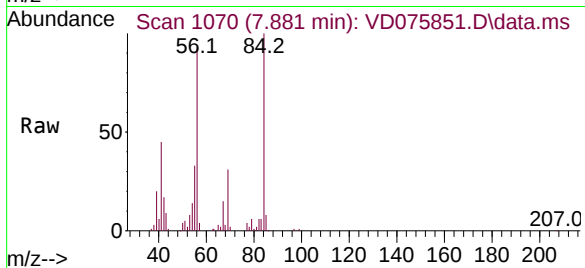
Tgt Ion: 56 Resp: 85822

Ion Ratio Lower Upper

56 100

69 34.5 28.2 42.2

84 109.5 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 31.917 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

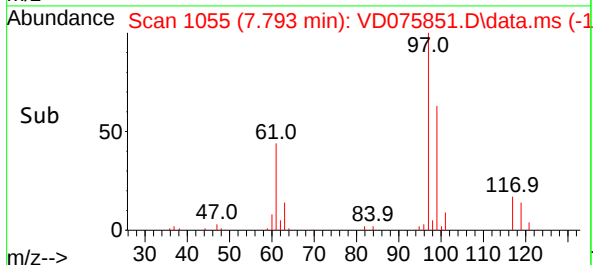
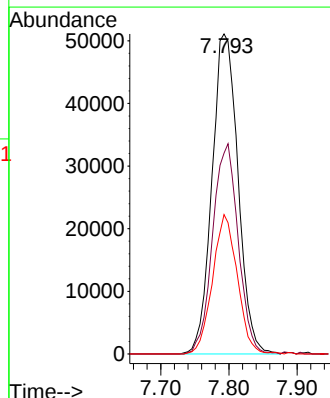
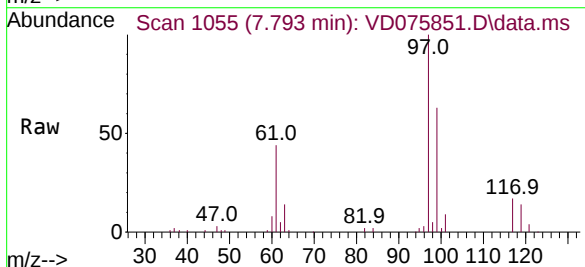
Tgt Ion: 97 Resp: 135923

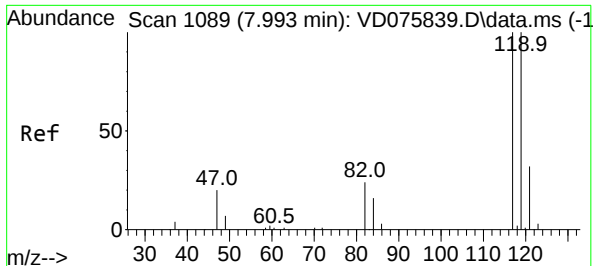
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 41.3 32.1 48.1

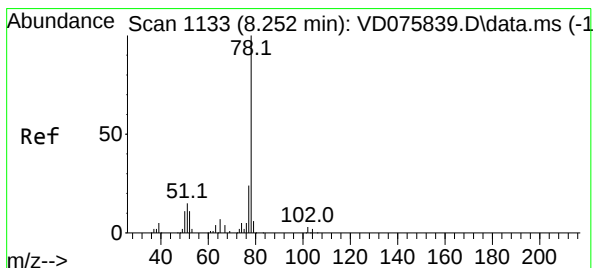
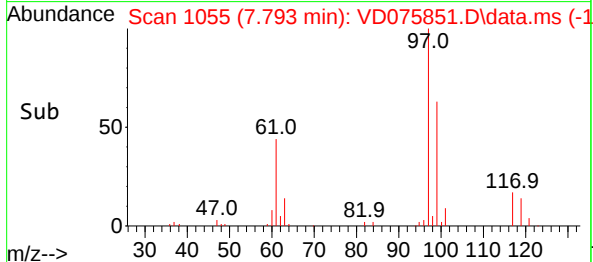
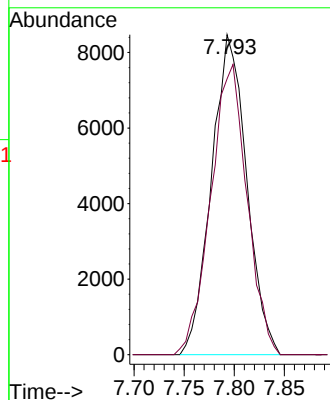
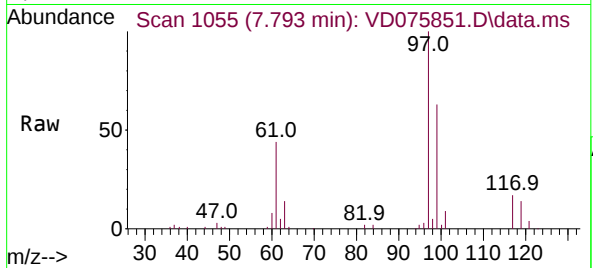




#31
Carbon tetrachloride
Concen: 6.054 ug/L
RT: 7.793 min Scan# 1089
Delta R.T. -0.200 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

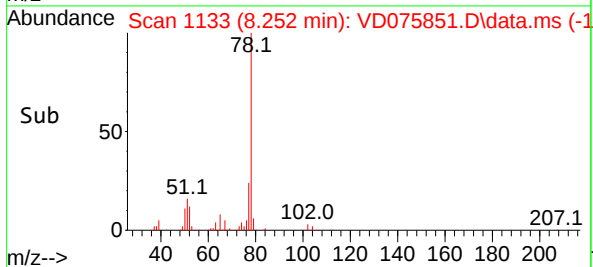
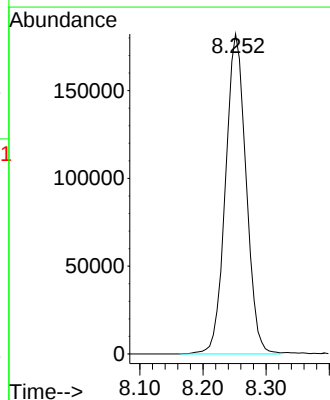
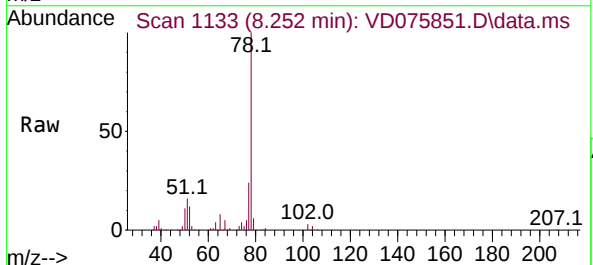
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

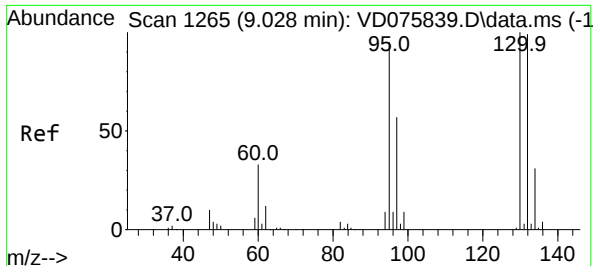
Tgt Ion:117 Resp: 20684
Ion Ratio Lower Upper
117 100
119 93.4 78.2 117.4



#33
Benzene
Concen: 33.870 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 78 Resp: 412373



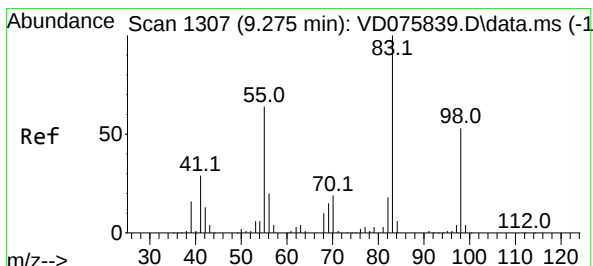
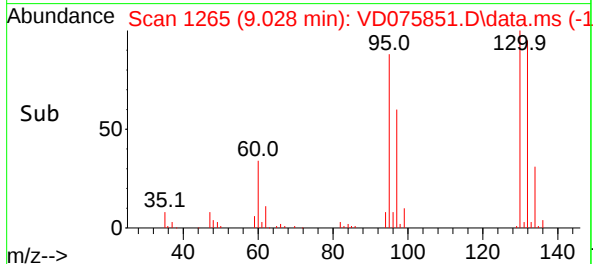
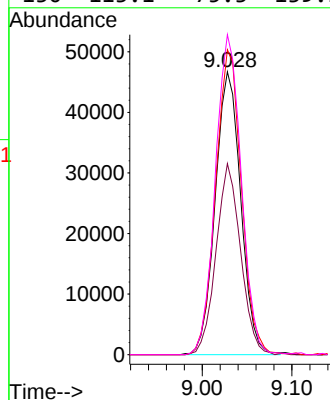
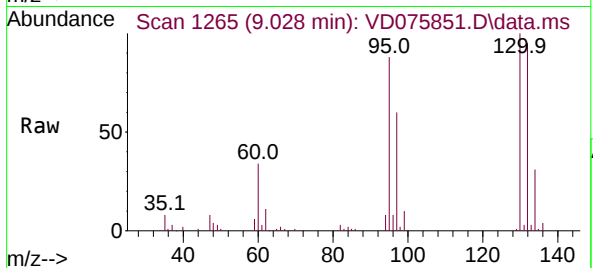


#34
Trichloroethene
Concen: 29.307 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

Tgt Ion: 95 Resp: 92277

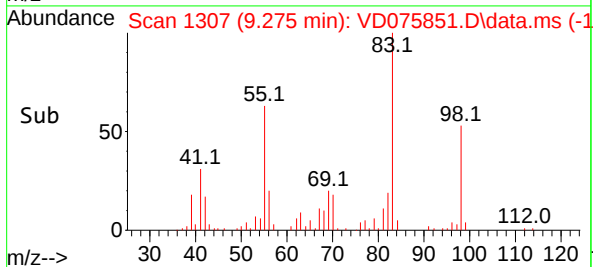
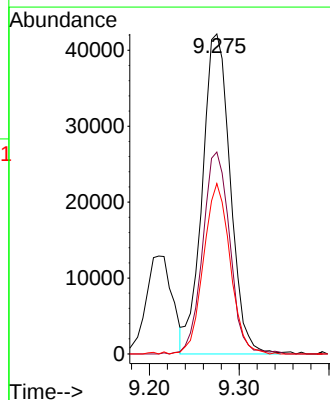
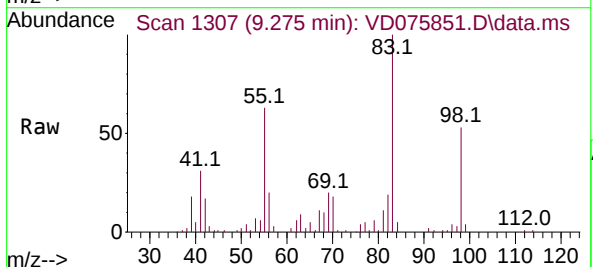
Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.0	85.4
132	107.8	73.3	136.1
130	113.1	75.3	139.9

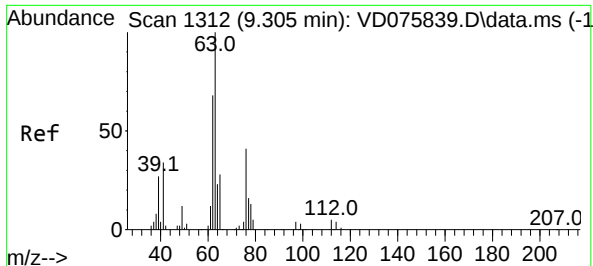


#35
Methylcyclohexane
Concen: 18.790 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 83 Resp: 91217

Ion	Ratio	Lower	Upper
83	100		
55	60.9	48.2	72.2
98	50.7	40.8	61.2





#37

1,2-Dichloropropane

Concen: 36.085 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

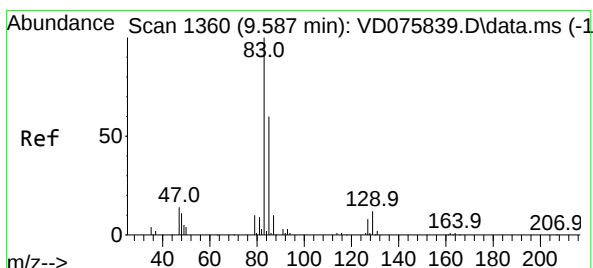
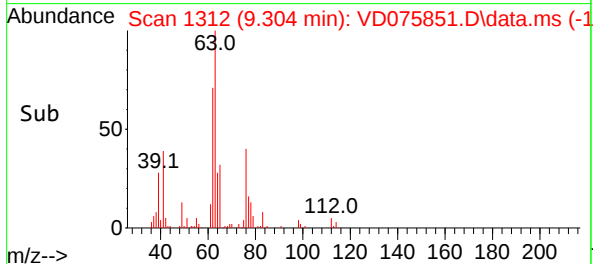
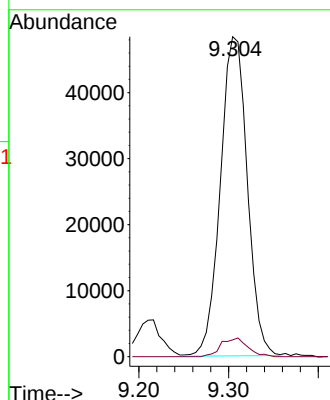
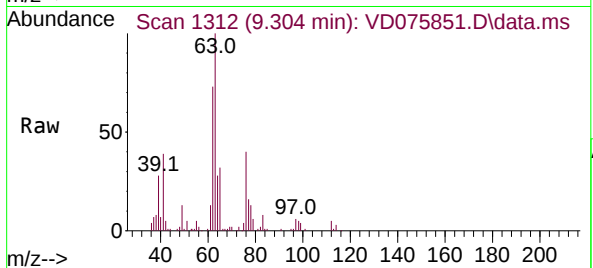
EW937MSD

Tgt Ion: 63 Resp: 100922

Ion Ratio Lower Upper

63 100

112 3.7 4.0 6.0#



#38

Bromodichloromethane

Concen: 34.480 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

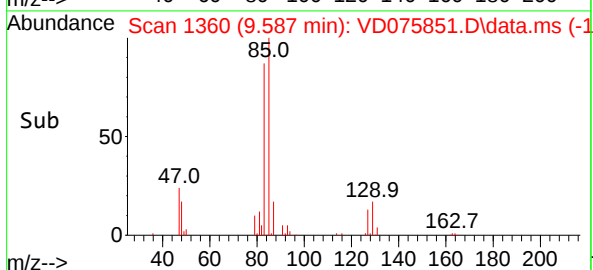
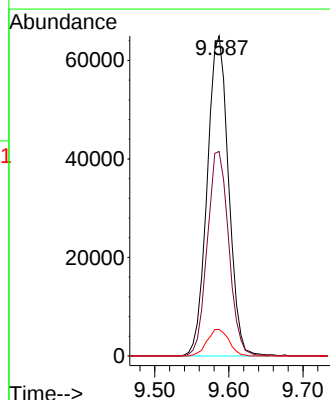
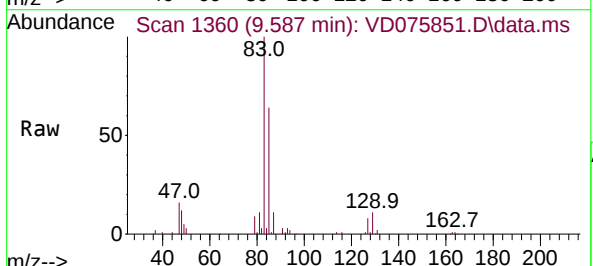
Tgt Ion: 83 Resp: 130027

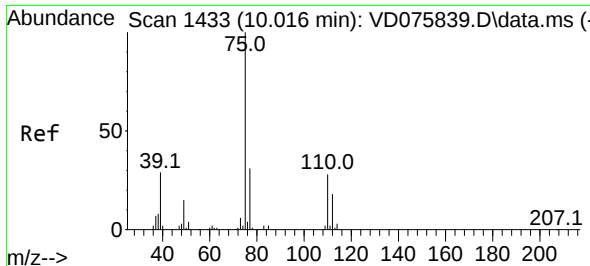
Ion Ratio Lower Upper

83 100

85 63.9 44.2 82.2

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 30.262 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

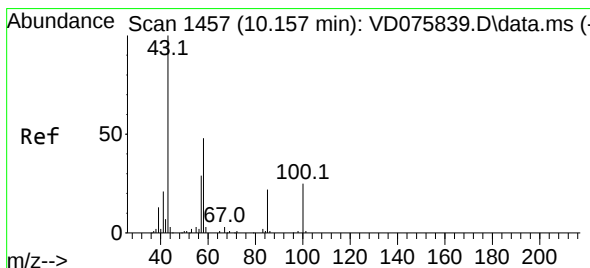
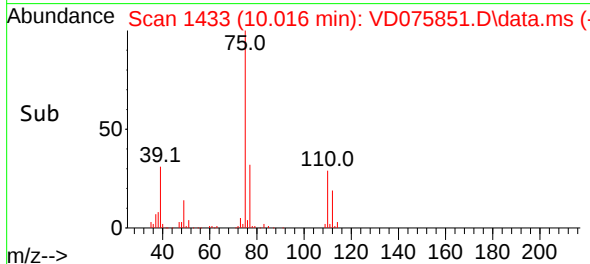
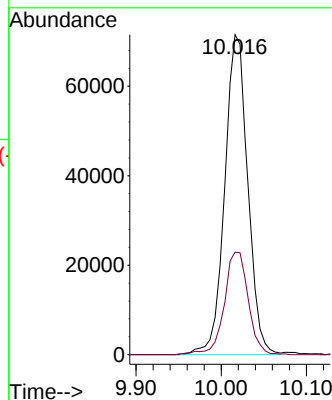
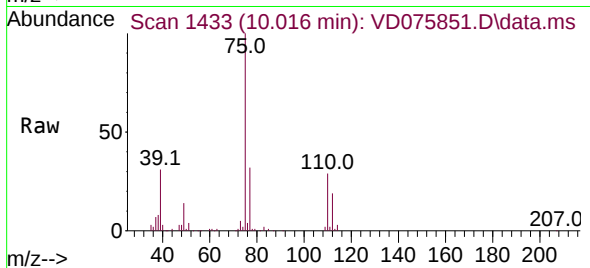
EW937MSD

Tgt Ion: 75 Resp: 134601

Ion Ratio Lower Upper

75 100

77 32.1 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 74.578 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

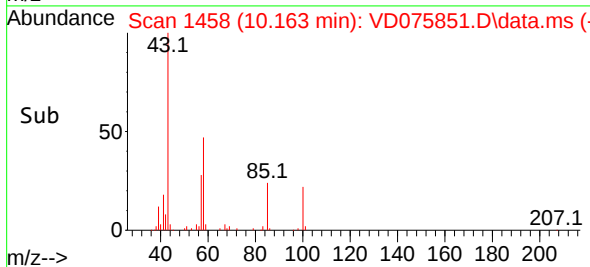
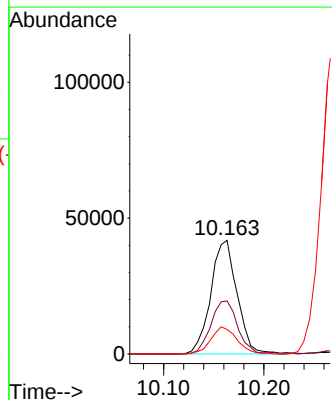
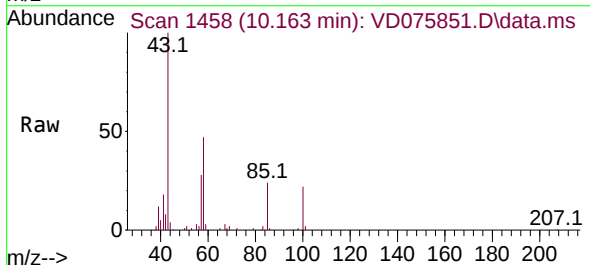
Tgt Ion: 43 Resp: 76047

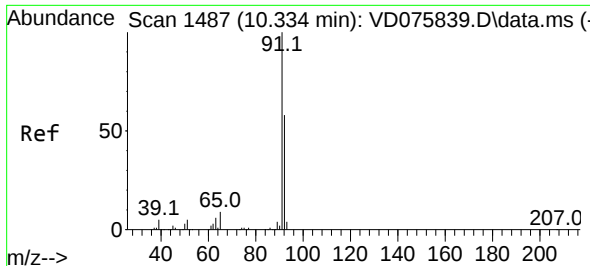
Ion Ratio Lower Upper

43 100

58 47.2 39.1 58.7

100 23.5 19.4 29.0

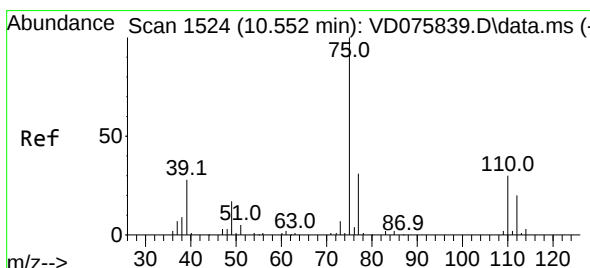
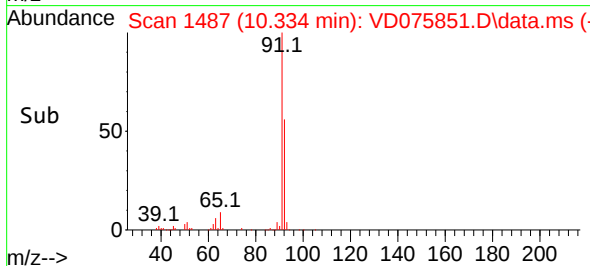
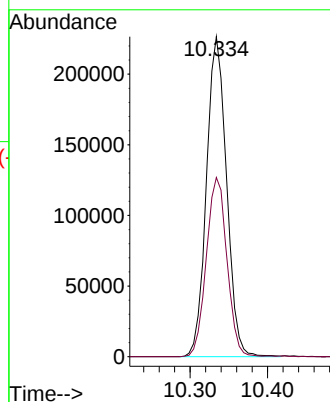
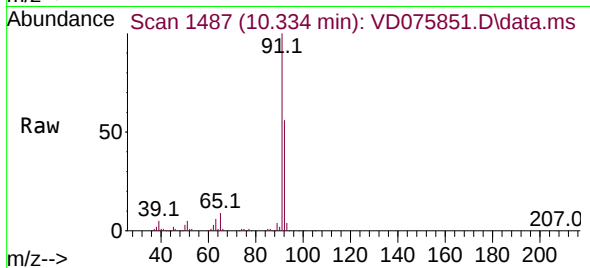




#42
Toluene
Concen: 30.969 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

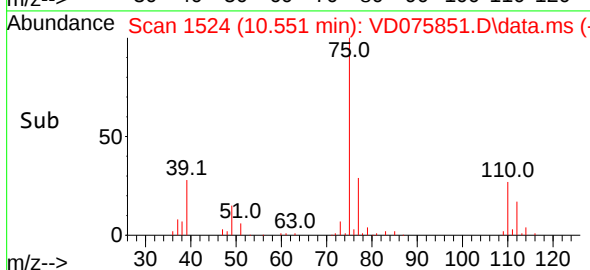
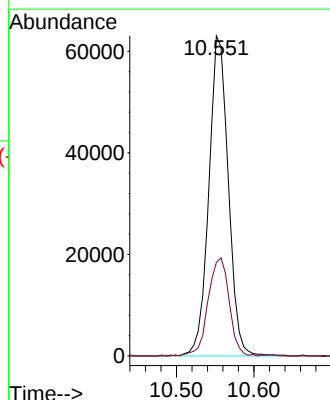
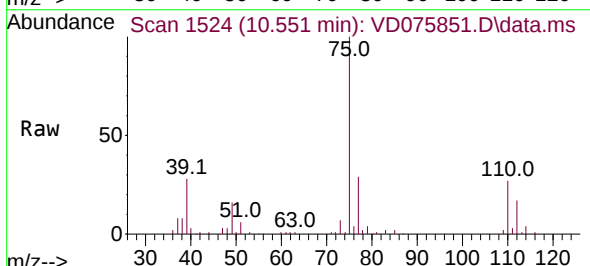
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

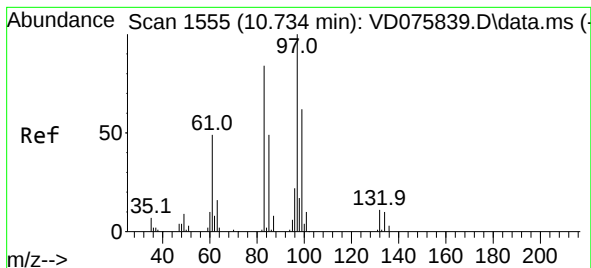
Tgt Ion: 91 Resp: 408040
Ion Ratio Lower Upper
91 100
92 56.0 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 30.810 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 75 Resp: 110087
Ion Ratio Lower Upper
75 100
77 29.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 34.839 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

Tgt Ion: 97 Resp: 82895

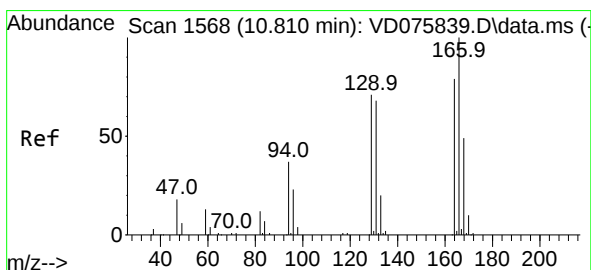
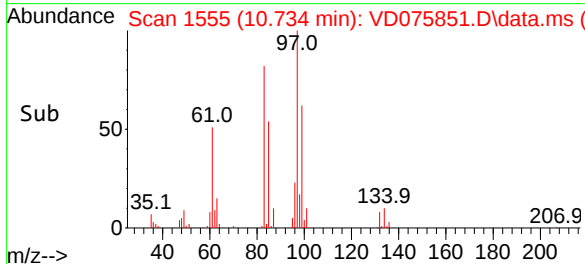
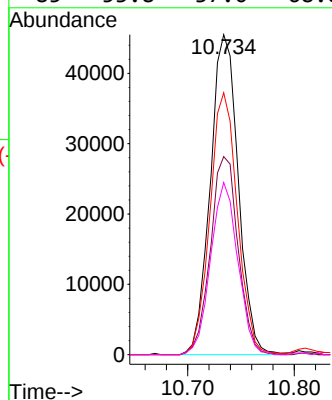
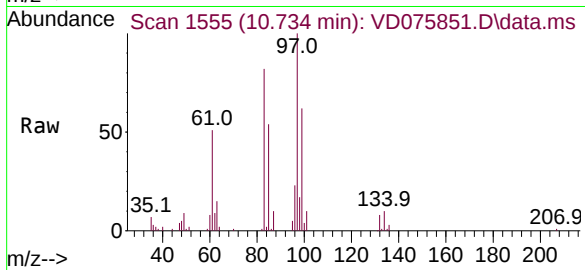
Ion Ratio Lower Upper

97 100

99 61.9 42.2 78.4

83 81.9 54.8 101.8

85 53.8 37.0 68.8



#46

Tetrachloroethene

Concen: 24.571 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Tgt Ion:164 Resp: 63456

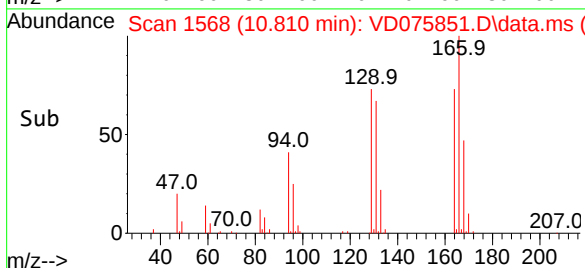
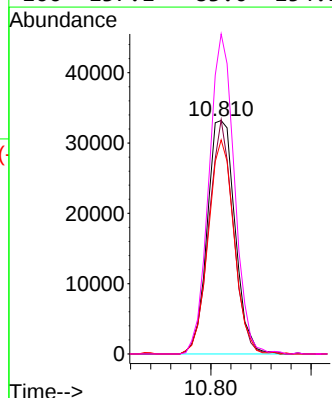
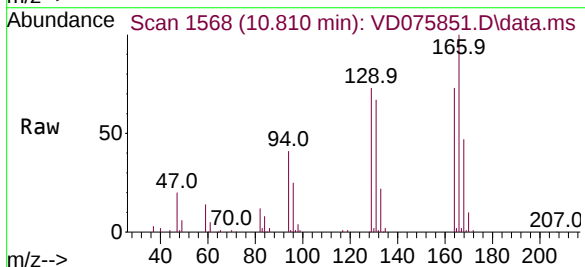
Ion Ratio Lower Upper

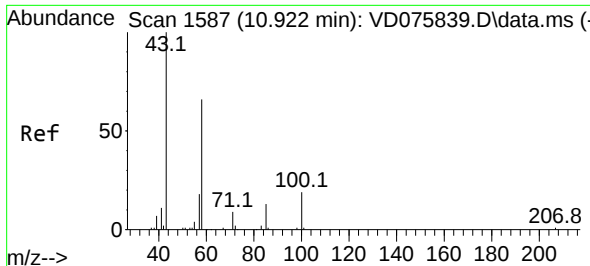
164 100

129 100.3 60.3 112.1

131 91.7 58.9 109.3

166 137.1 83.0 154.1

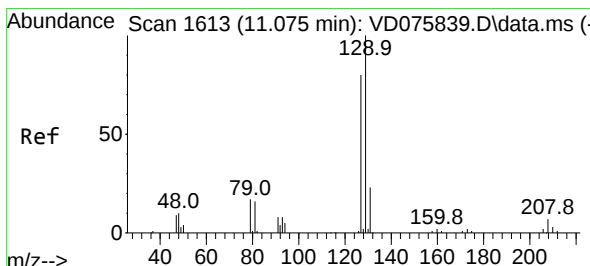
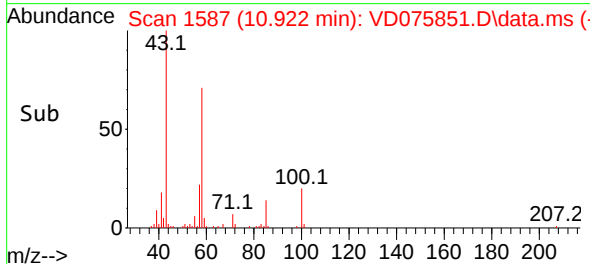
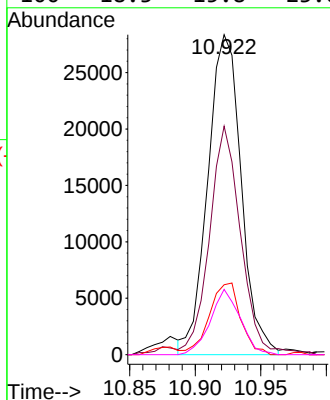
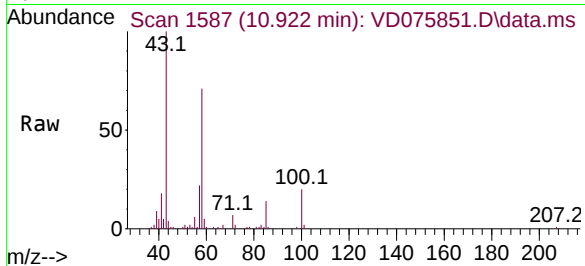




#48
2-Hexanone
Concen: 69.917 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

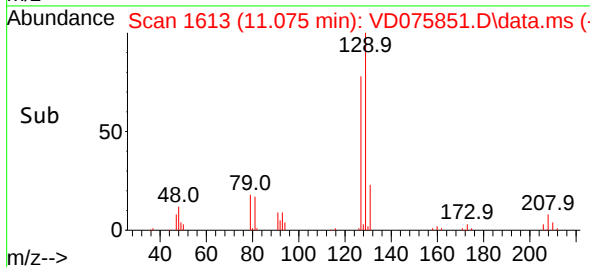
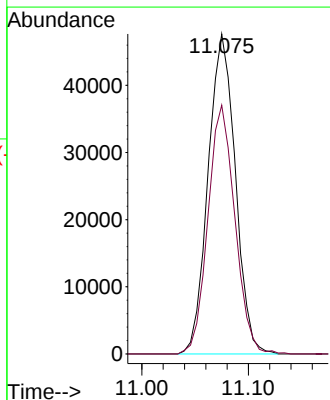
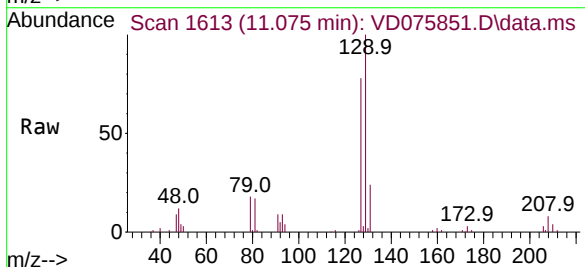
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

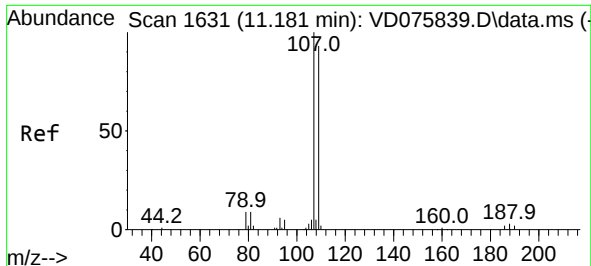
Tgt Ion: 43	Resp: 50261
Ion Ratio	Lower Upper
43 100	
58 66.9	59.7 89.5
57 21.1	17.9 26.9
100 18.3	15.8 23.6



#49
Dibromochloromethane
Concen: 32.654 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:129	Resp:	84581	
Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.6	103.4

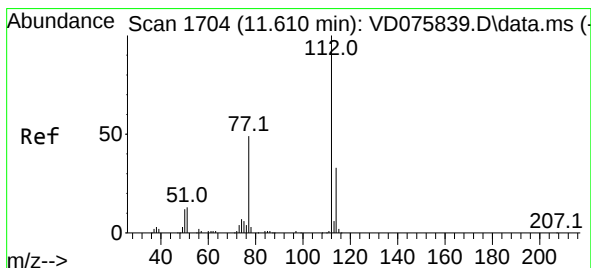
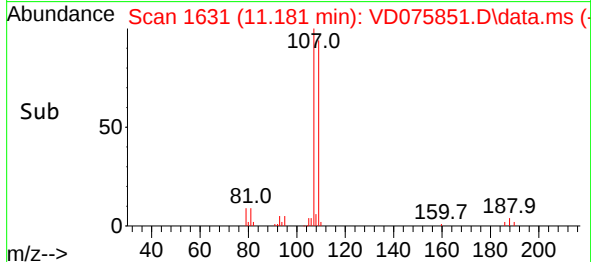
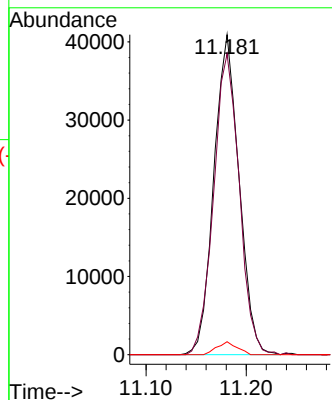
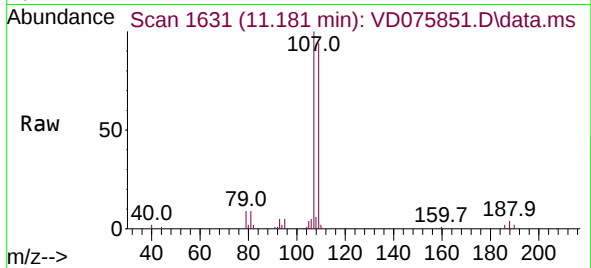




#50
1,2-Dibromoethane
Concen: 33.306 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

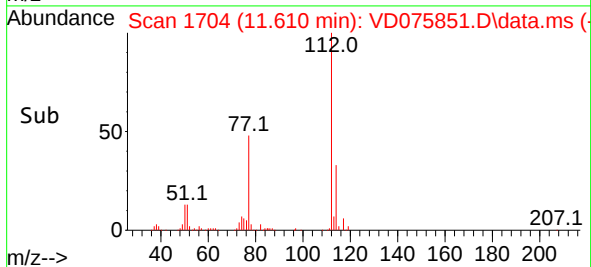
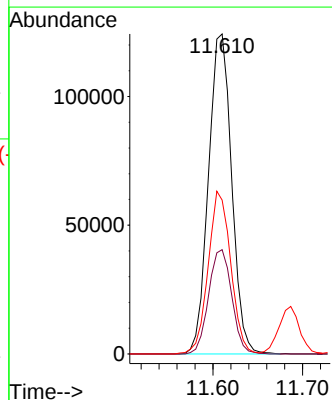
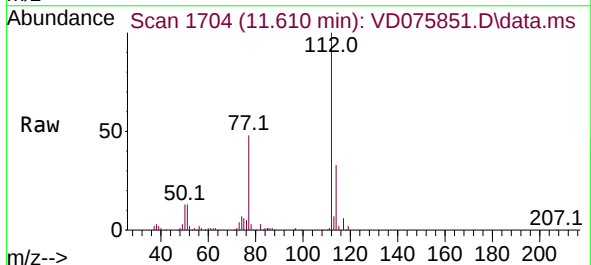
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

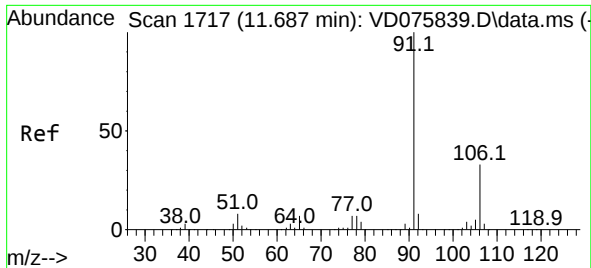
Tgt Ion:107 Resp: 71446
Ion Ratio Lower Upper
107 100
109 94.0 67.6 125.6
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 25.898 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:112 Resp: 223228
Ion Ratio Lower Upper
112 100
114 32.6 23.0 42.8
77 48.1 39.7 59.5

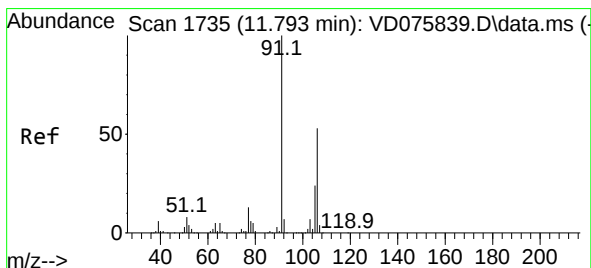
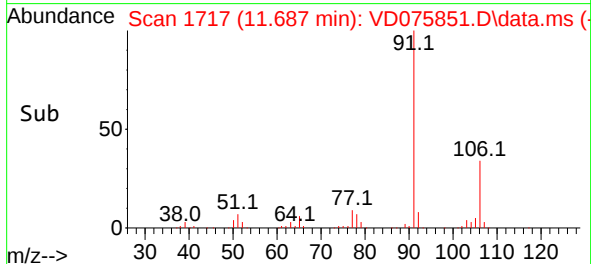
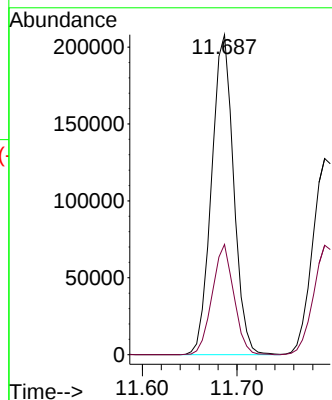
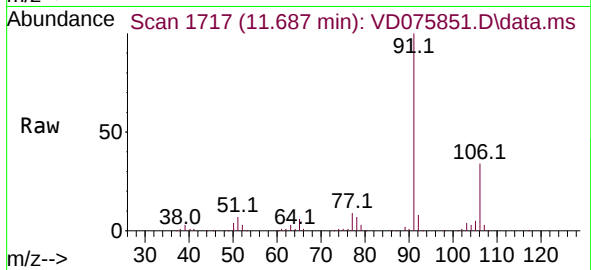




#52
Ethylbenzene
Concen: 24.935 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

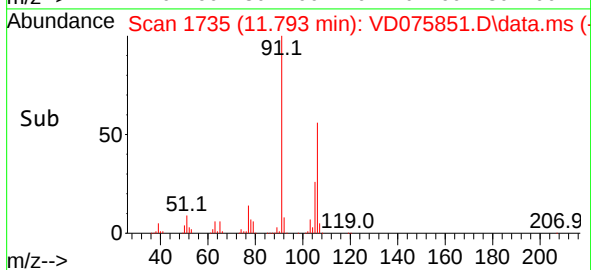
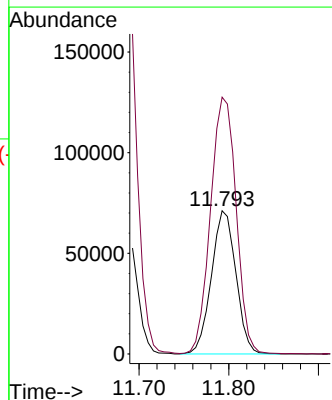
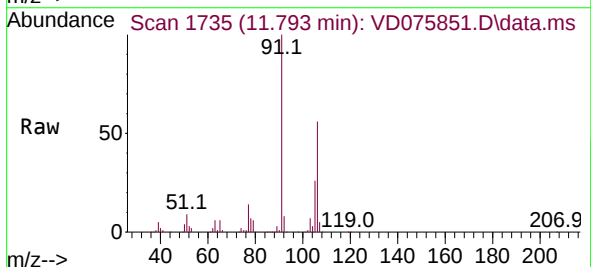
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

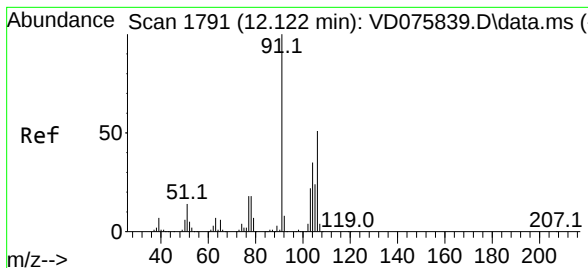
Tgt Ion: 91 Resp: 336897
Ion Ratio Lower Upper
91 100
106 34.4 23.7 43.9



#53
m,p-Xylene
Concen: 25.073 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion: 106 Resp: 134892
Ion Ratio Lower Upper
106 100
91 179.2 130.9 243.1

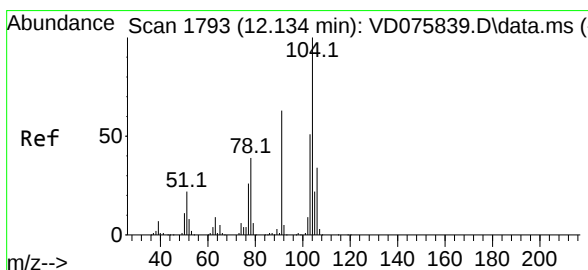
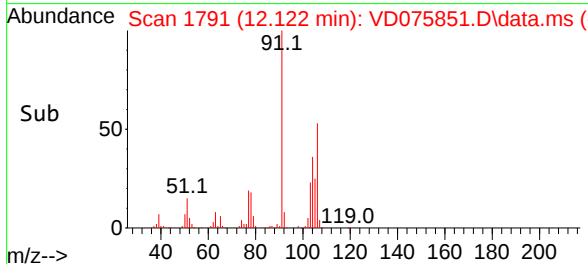
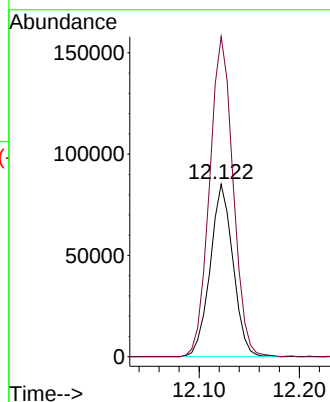
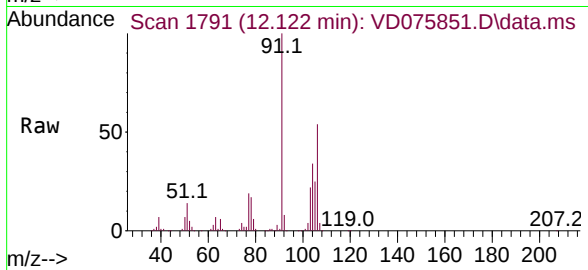




#54
o-Xylene
Concen: 26.362 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

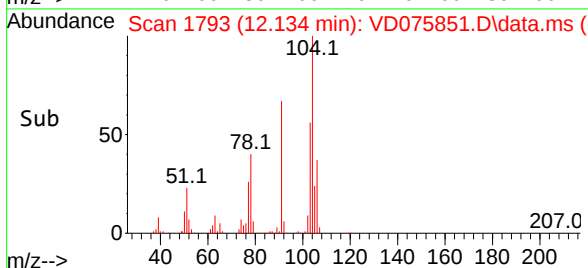
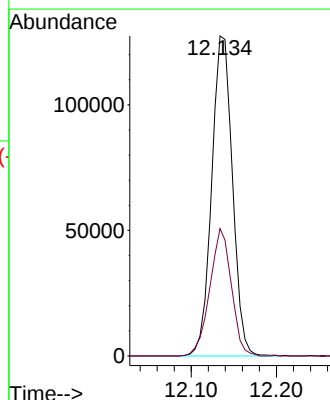
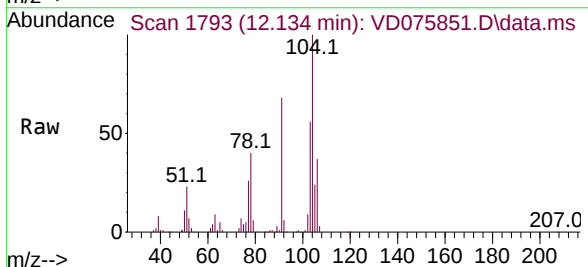
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

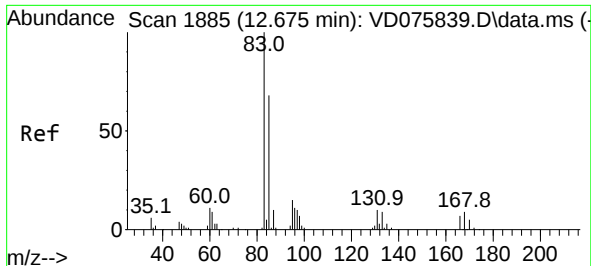
Tgt Ion:106 Resp: 134706
Ion Ratio Lower Upper
106 100
91 185.5 139.8 259.6



#55
Styrene
Concen: 24.301 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:104 Resp: 216122
Ion Ratio Lower Upper
104 100
78 39.8 26.2 48.6





#57

1,1,2,2-Tetrachloroethane

Concen: 29.806 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

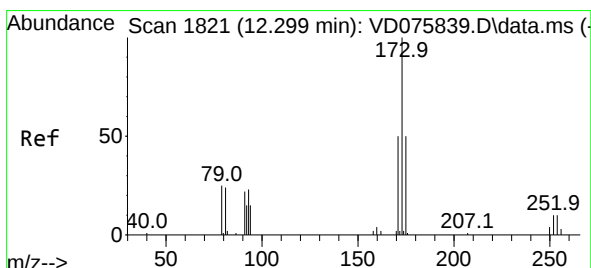
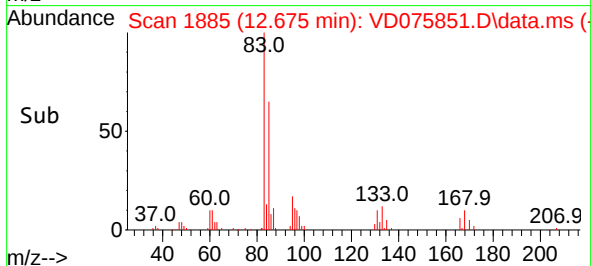
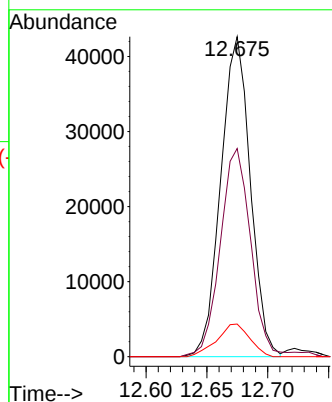
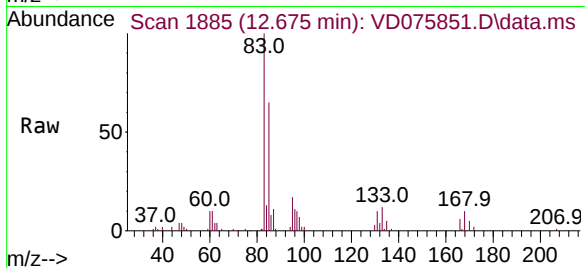
Tgt Ion: 83 Resp: 72158

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

131 10.2 7.0 10.6



#59

Bromoform

Concen: 52.363 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

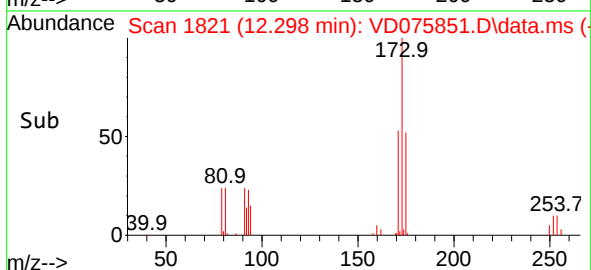
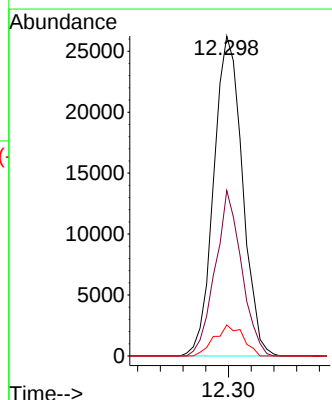
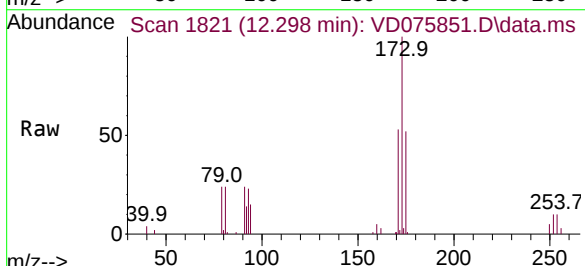
Tgt Ion: 173 Resp: 45999

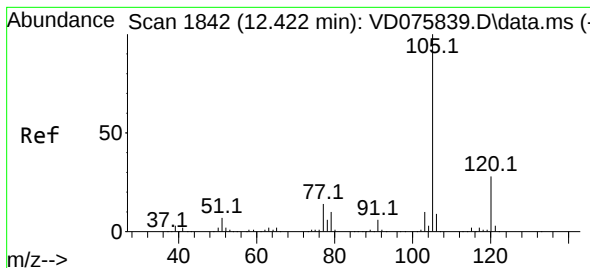
Ion Ratio Lower Upper

173 100

175 47.7 39.4 59.0

254 9.6 7.4 11.2





#60

Isopropylbenzene

Concen: 35.392 ug/L

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

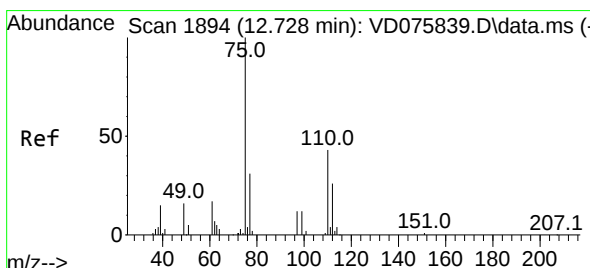
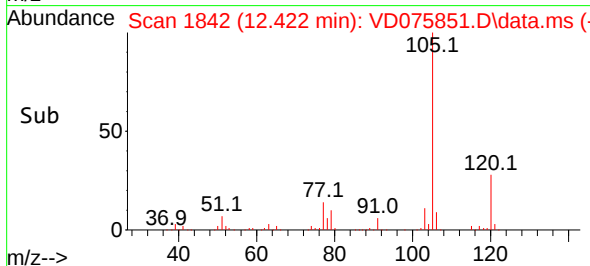
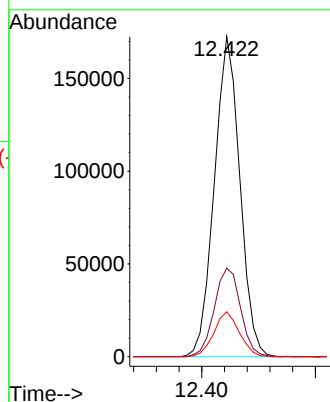
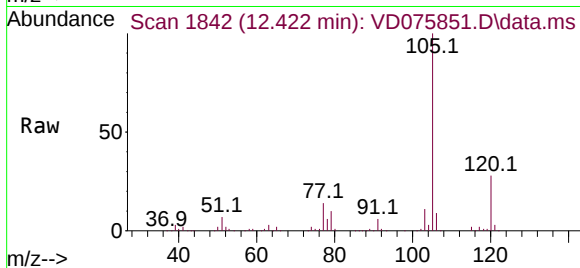
Tgt Ion:105 Resp: 268985

Ion Ratio Lower Upper

105 100

120 28.4 22.7 34.1

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 55.618 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

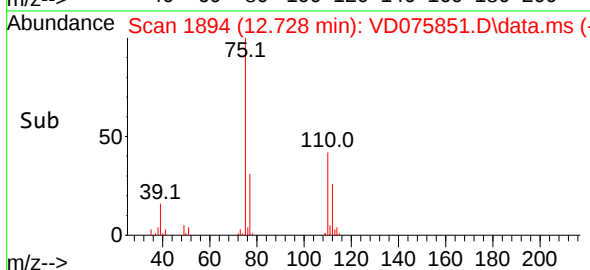
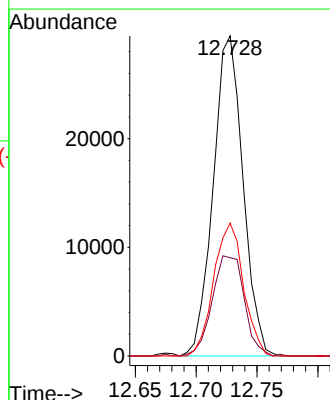
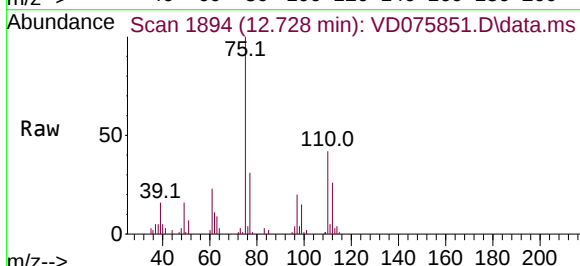
Tgt Ion: 75 Resp: 50079

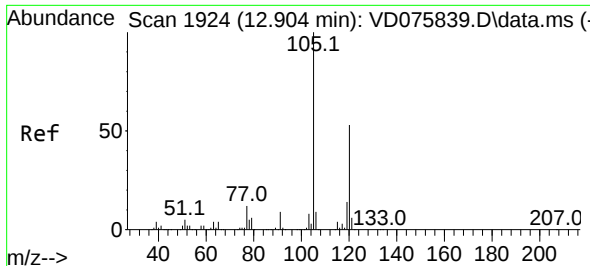
Ion Ratio Lower Upper

75 100

77 33.7 26.6 39.8

110 41.6 33.5 50.3

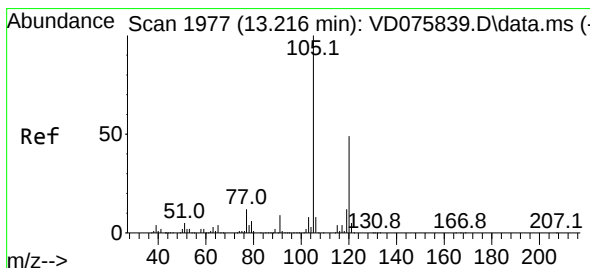
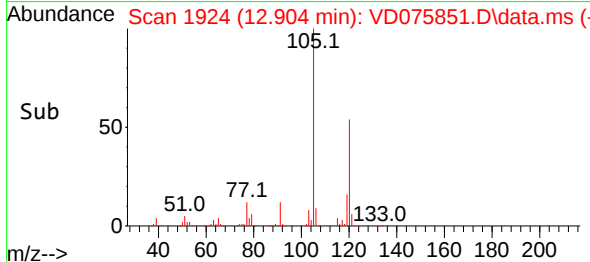
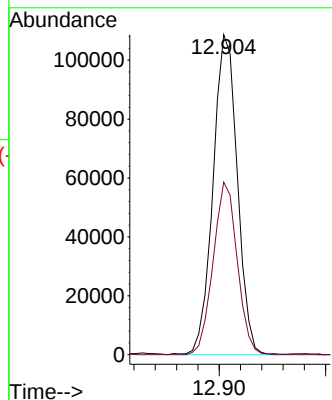
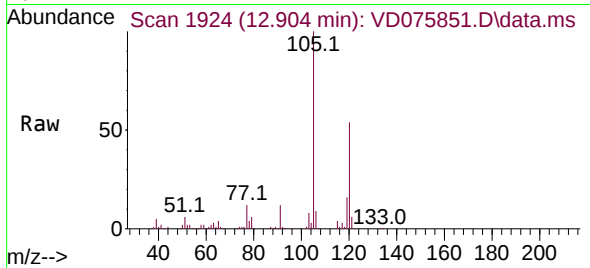




#62
1,3,5-Trimethylbenzene
Concen: 30.293 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

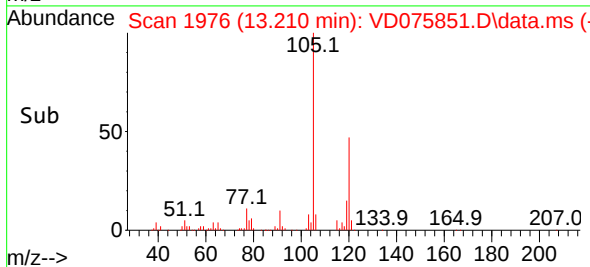
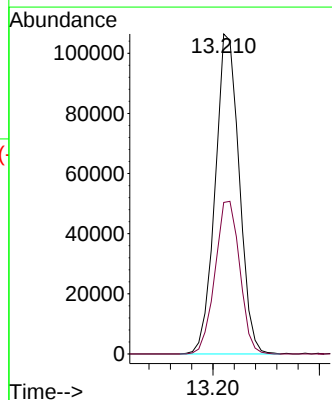
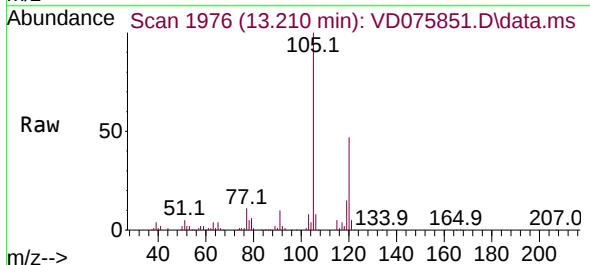
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

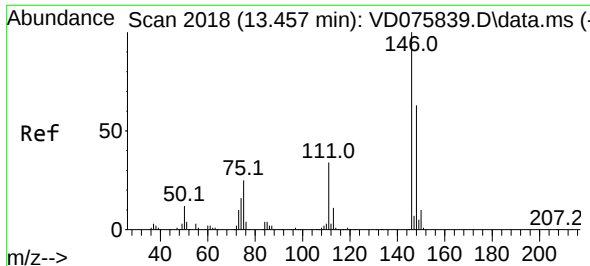
Tgt Ion:105 Resp: 171680
Ion Ratio Lower Upper
105 100
120 53.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 30.453 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:105 Resp: 166371
Ion Ratio Lower Upper
105 100
120 49.0 39.0 58.6

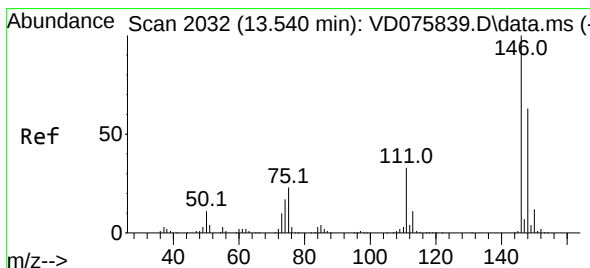
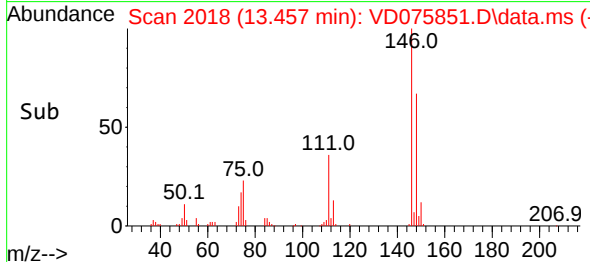
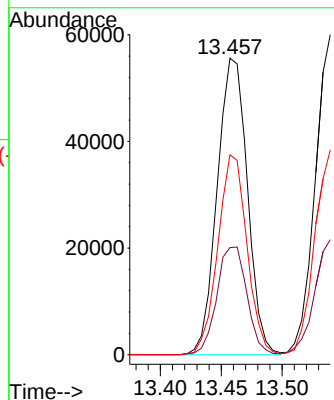
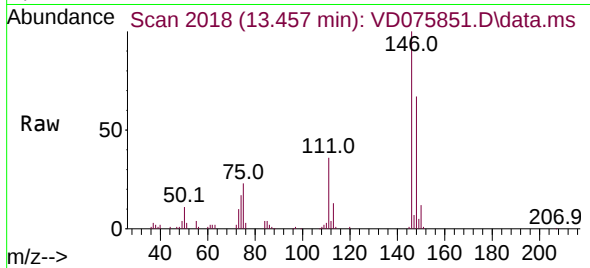




#64
1,3-Dichlorobenzene
Concen: 26.402 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

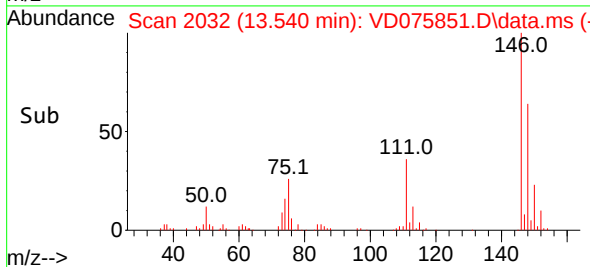
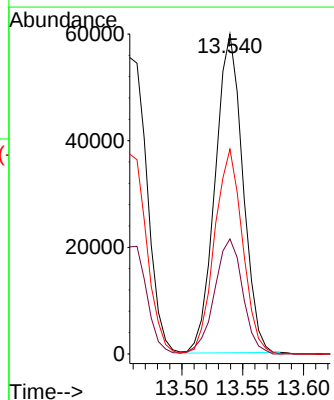
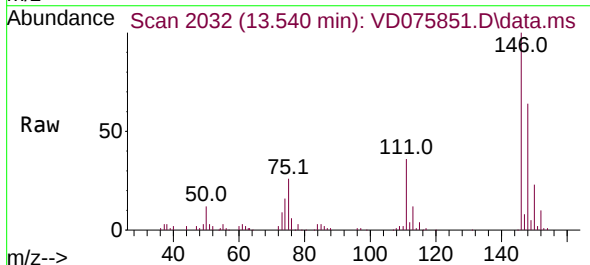
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

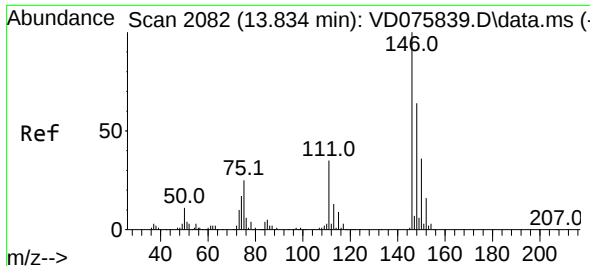
Tgt Ion:146 Resp: 96010
Ion Ratio Lower Upper
146 100
111 36.1 26.5 49.1
148 67.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.772 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075851.D
Acq: 26 Apr 2023 22:59

Tgt Ion:146 Resp: 94545
Ion Ratio Lower Upper
146 100
111 35.9 24.6 45.8
148 64.0 44.4 82.4

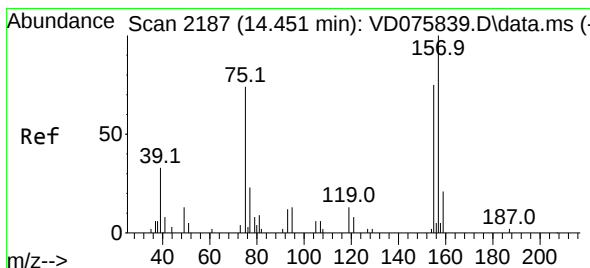
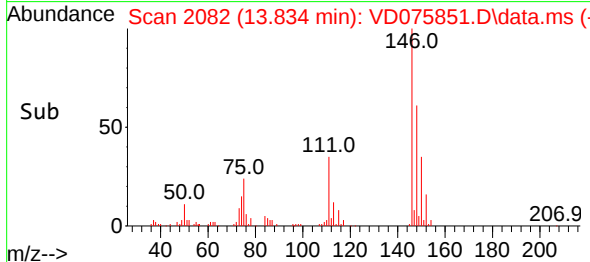
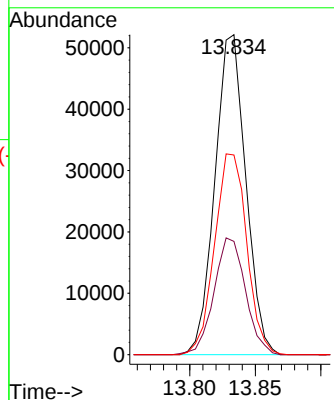
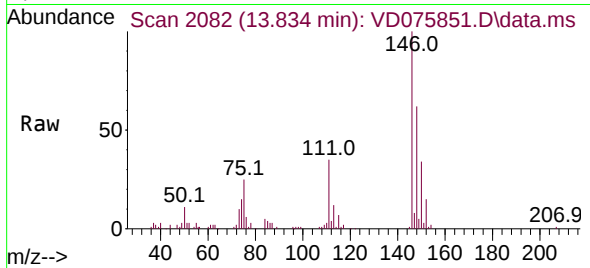




#67
 1,2-Dichlorobenzene
 Concen: 26.334 ug/L
 RT: 13.834 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

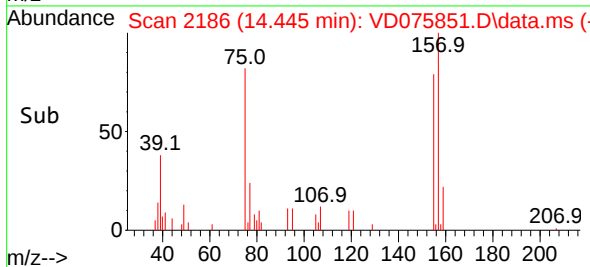
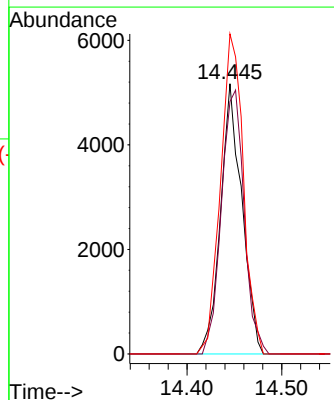
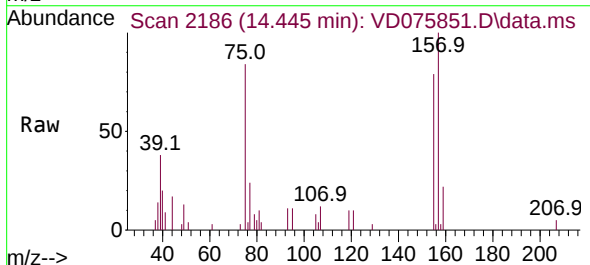
Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

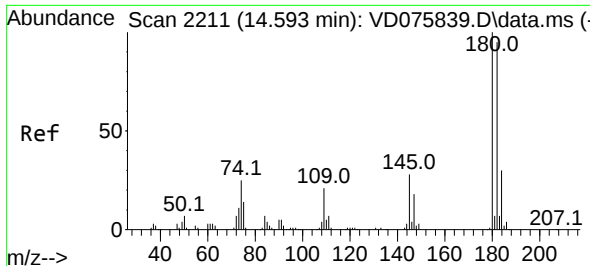
Tgt Ion:146 Resp: 85519
 Ion Ratio Lower Upper
 146 100
 111 35.4 30.6 46.0
 148 62.4 51.4 77.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 44.950 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

Tgt Ion: 75 Resp: 8091
 Ion Ratio Lower Upper
 75 100
 155 93.4 74.6 111.8
 157 118.4 109.4 164.2

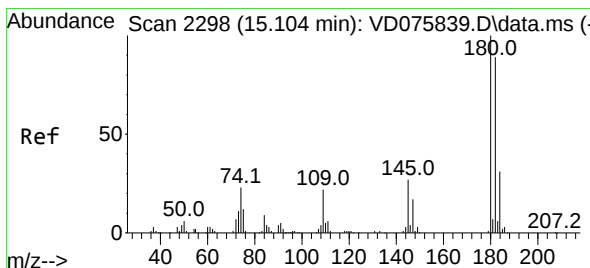
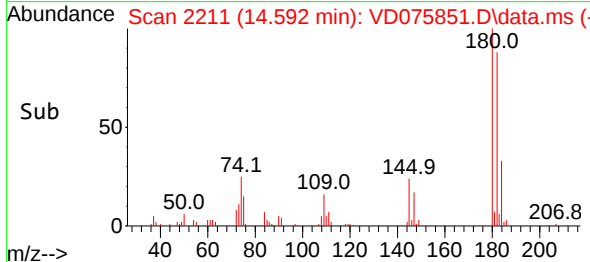
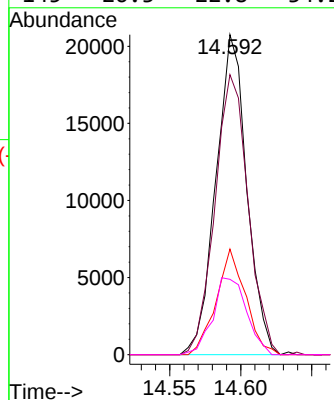
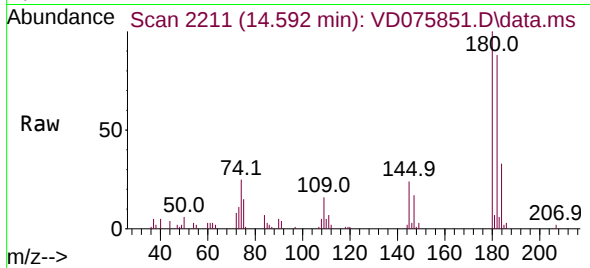




#69
 1,3,5-Trichlorobenzene
 Concen: 12.867 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

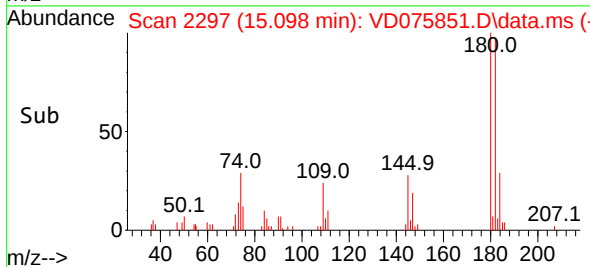
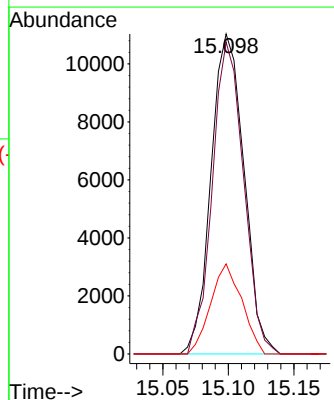
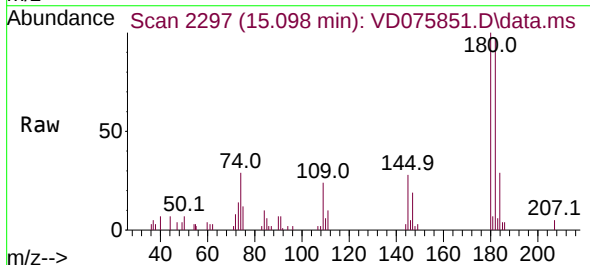
Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

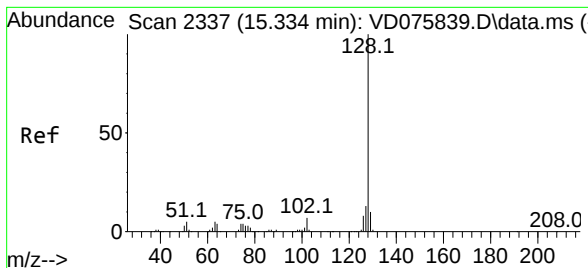
Tgt Ion:180	Resp:	31362
Ion Ratio	Lower	Upper
180	100	
182	93.8	74.9 112.3
184	31.4	25.0 37.4
145	26.3	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 9.542 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075851.D
 Acq: 26 Apr 2023 22:59

Tgt Ion:180	Resp:	19273
Ion Ratio	Lower	Upper
180	100	
182	92.4	75.4 113.2
145	26.7	23.6 35.4





#71

Naphthalene

Concen: 15.299 ug/L

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

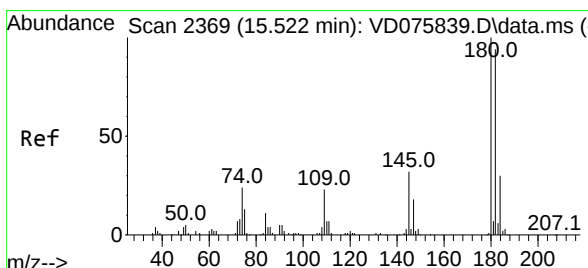
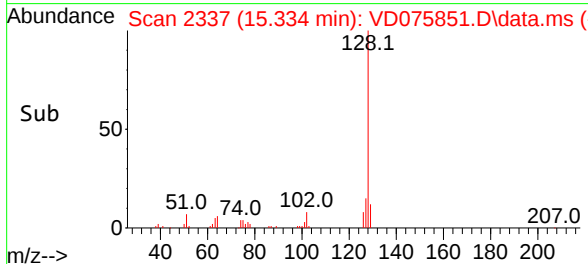
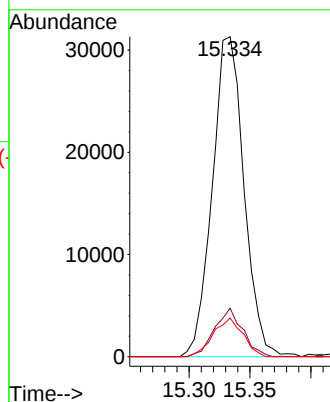
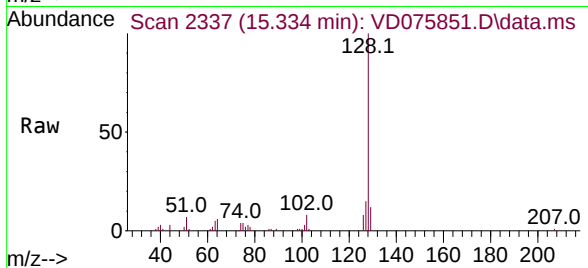
Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

Tgt Ion:128	Resp:	56552
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.5 15.7
129	11.4	9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 9.249 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD075851.D

Acq: 26 Apr 2023 22:59

Tgt Ion:180	Resp:	16676
Ion Ratio	Lower	Upper
180	100	
182	88.5	76.3 114.5
145	30.3	25.0 37.6

