

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075862.D
 Acq On : 27 Apr 2023 15:38
 Operator : KP/SY
 Sample : 02447-19MSD
 Misc : 4.60G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

Quant Time: Apr 28 02:58:12 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	8.775	114	358134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281096	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	205967	26.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.880%
7) Chloroethane-d5	2.799	69	176641	26.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.080%
11) 1,1-Dichloroethene-d2	3.917	65	44597	24.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.480%
21) 2-Butanone-d5	6.981	46	32626	47.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.680%
24) Chloroform-d	7.569	84	228152	25.476	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.920%
26) 1,2-Dichloroethane-d4	8.234	65	95562	24.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.960%
32) Benzene-d6	8.199	84	476462	29.082	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.320%
36) 1,2-Dichloropropane-d6	9.210	67	133786	29.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.000%
41) Toluene-d8	10.269	98	417647	27.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.920%
43) trans-1,3-Dichloroprop...	10.528	79	48361	25.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.200%
47) 2-Hexanone-d5	10.881	63	29340	53.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88465	25.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	77808	23.277	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	137811	27.913	ug/L	99
3) Chloromethane	2.146	50	203425	29.557	ug/L	99
5) Vinyl chloride	2.281	62	240283	26.713	ug/L	99
6) Bromomethane	2.693	94	133977	22.166	ug/L	99
8) Chloroethane	2.834	64	153856	26.447	ug/L	97
9) Trichlorofluoromethane	3.175	101	183859	25.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	121059	24.932	ug/L	98
12) 1,1-Dichloroethene	3.940	96	118626	25.192	ug/L	87
13) Acetone	4.022	43	31821	54.518	ug/L	62
14) Carbon disulfide	4.270	76	377290	22.939	ug/L	99
15) Methyl Acetate	4.564	43	27667	21.872	ug/L #	49
16) Methylene chloride	4.799	84	148305	20.413	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	125081	23.689	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	210655	24.872	ug/L	99
19) 1,1-Dichloroethane	6.111	63	202152	26.134	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	132254	23.688	ug/L	93
22) 2-Butanone	7.081	43	38866	51.077	ug/L	94
23) Bromochloromethane	7.428	128	63497	24.523	ug/L #	92
25) Chloroform	7.593	83	217655	25.107	ug/L	100

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 Response via : Initial Calibration

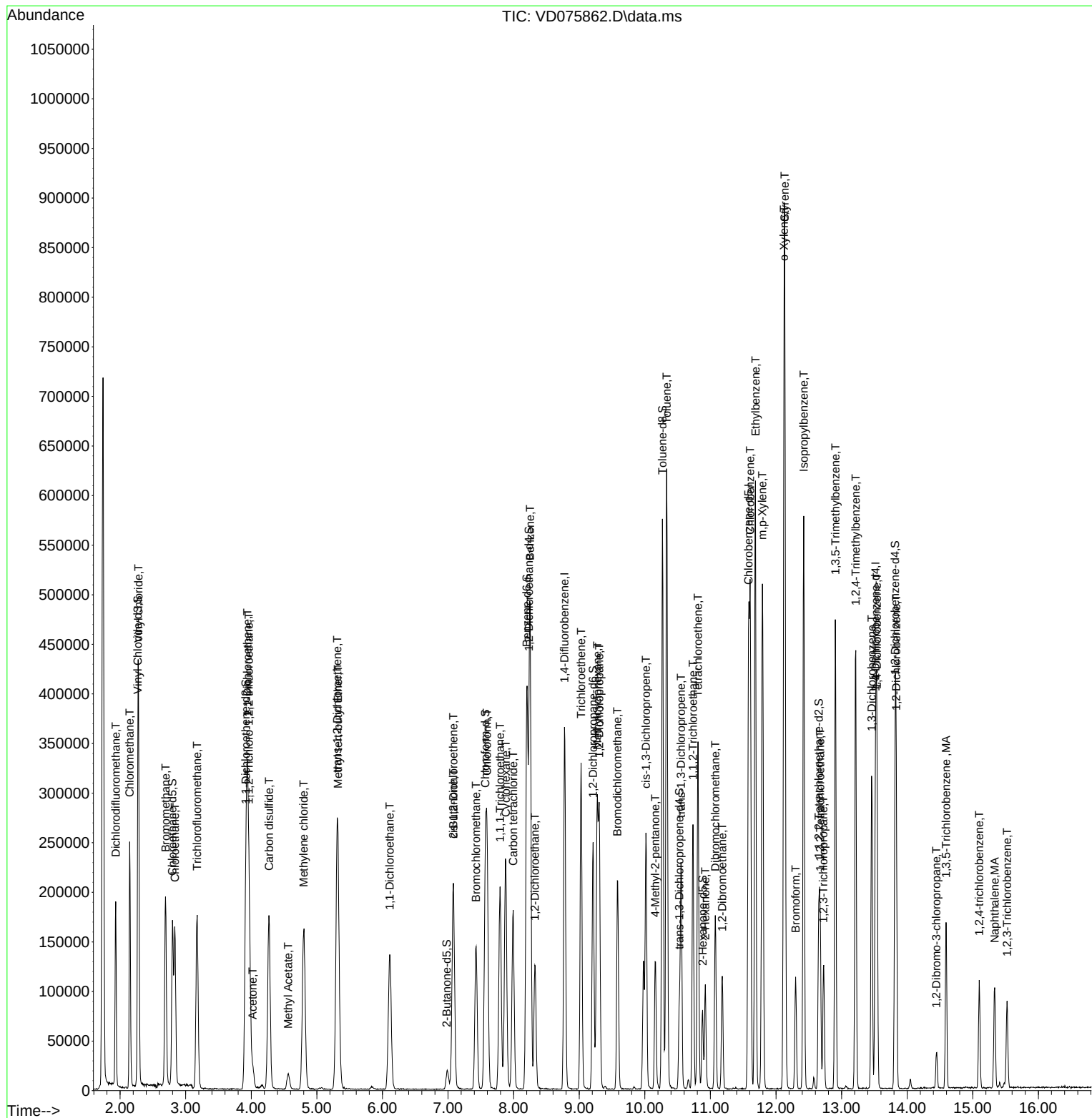
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	113329	25.326	ug/L	98
29) Cyclohexane	7.881	56	120148	24.968	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	172528	29.009	ug/L	99
31) Carbon tetrachloride	7.993	117	135877	28.477	ug/L	96
33) Benzene	8.252	78	498089	29.294	ug/L	100
34) Trichloroethene	9.028	95	115958	26.371	ug/L	96
35) Methylcyclohexane	9.275	83	125829	18.561	ug/L	97
37) 1,2-Dichloropropane	9.305	63	116251	29.764	ug/L	99
38) Bromodichloromethane	9.581	83	150594	28.596	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	169301	27.256	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	81265	57.067	ug/L	98
42) Toluene	10.334	91	515624	28.023	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	136147	27.284	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	91796	27.626	ug/L	97
46) Tetrachloroethene	10.810	164	83392	23.122	ug/L	96
48) 2-Hexanone	10.922	43	56696	56.475	ug/L	94
49) Dibromochloromethane	11.075	129	94931	26.243	ug/L	97
50) 1,2-Dibromoethane	11.181	107	79061	26.391	ug/L	97
51) Chlorobenzene	11.604	112	292089	24.265	ug/L	97
52) Ethylbenzene	11.687	91	457720	24.259	ug/L	98
53) m,p-Xylene	11.793	106	182854	24.338	ug/L	99
54) o-Xylene	12.122	106	175228	24.555	ug/L	96
55) Styrene	12.134	104	298492	24.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	85655	25.335	ug/L	97
59) Bromoform	12.299	173	51479	35.543	ug/L	99
60) Isopropylbenzene	12.422	105	383664	30.618	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	55929	37.675	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	260256	27.853	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	249550	27.706	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	143434	23.923	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	146613	23.300	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	130738	24.418	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9430	31.775	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	53074	13.207	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	35872	10.771	ug/L	99
71) Naphthalene	15.334	128	96878	15.896	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	32120	10.805	ug/L	97

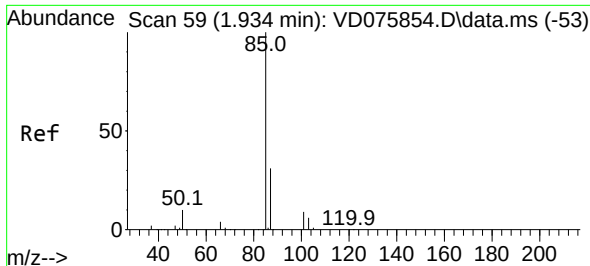
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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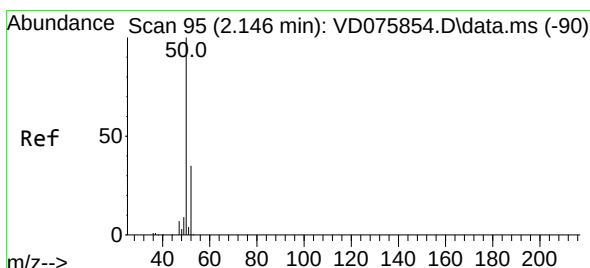
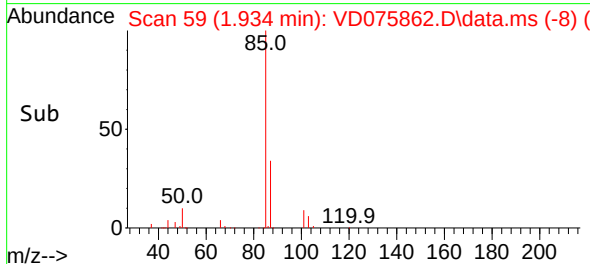
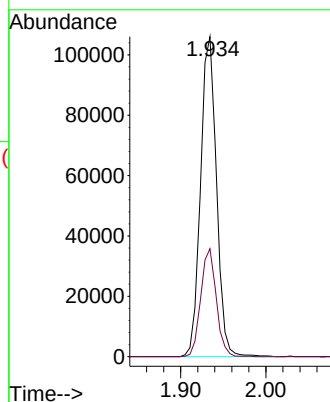
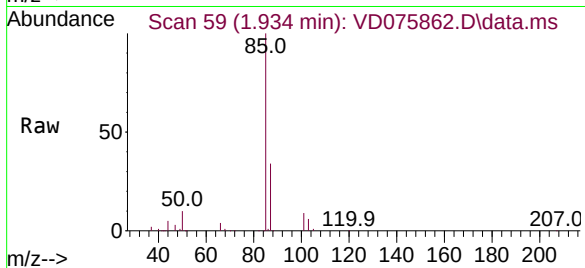




#2
Dichlorodifluoromethane
Concen: 27.913 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

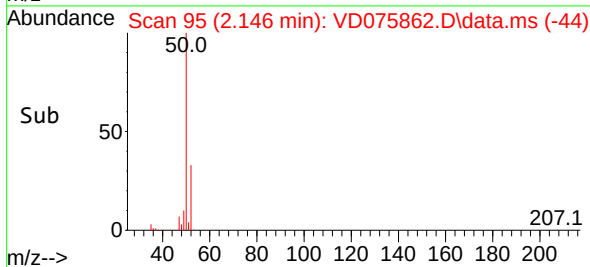
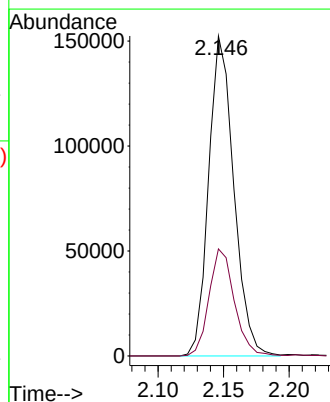
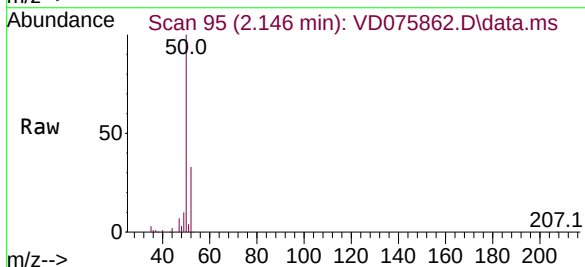
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

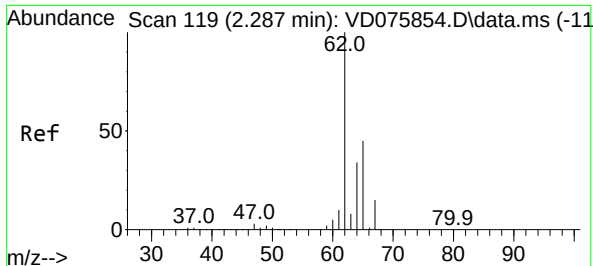
Tgt Ion: 85 Resp: 137811
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 29.557 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 50 Resp: 203425
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

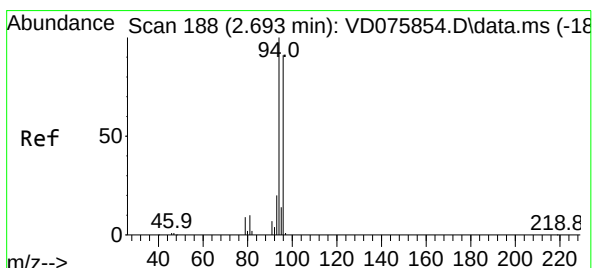
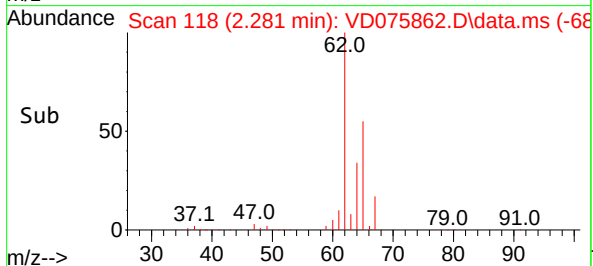
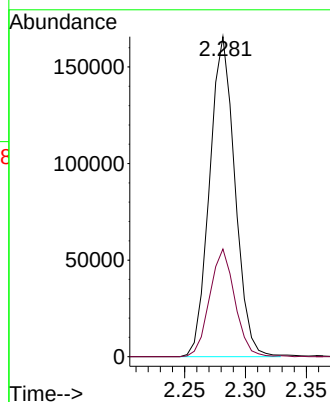
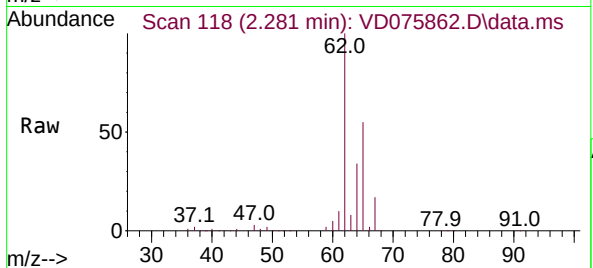




#5
 Vinyl chloride
 Concen: 26.713 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

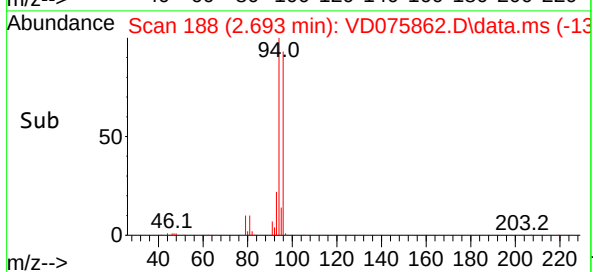
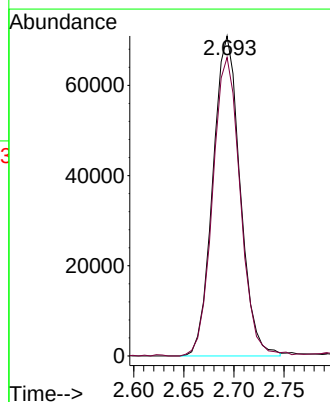
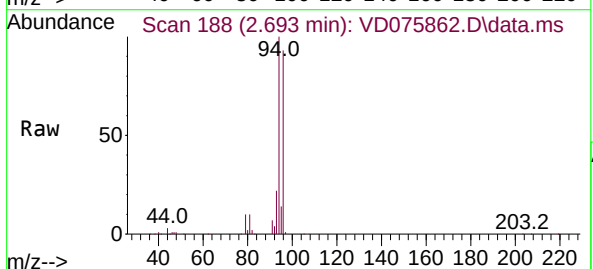
Instrument :
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 ClientSampleId :
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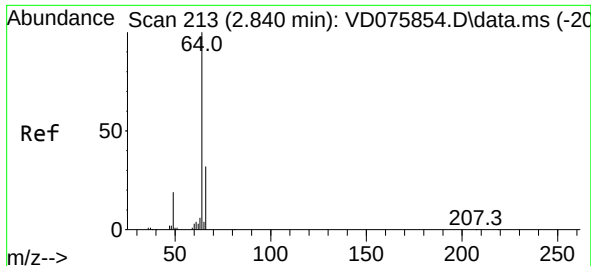
Tgt Ion: 62 Resp: 240283
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.0



#6
 Bromomethane
 Concen: 22.166 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

Tgt Ion: 94 Resp: 133977
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.7 121.9

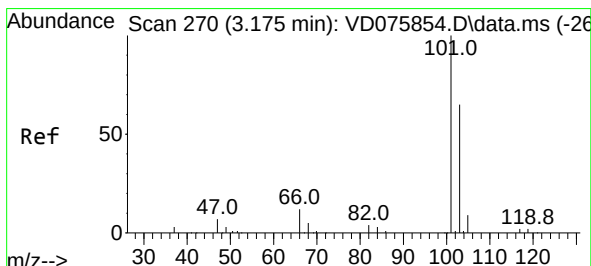
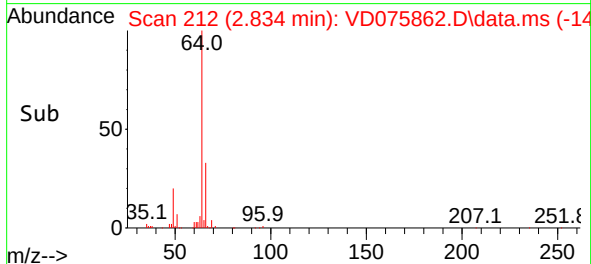
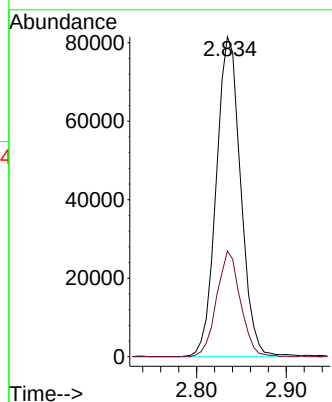
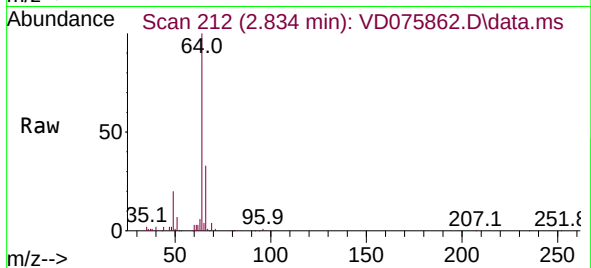




#8
Chloroethane
Concen: 26.447 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

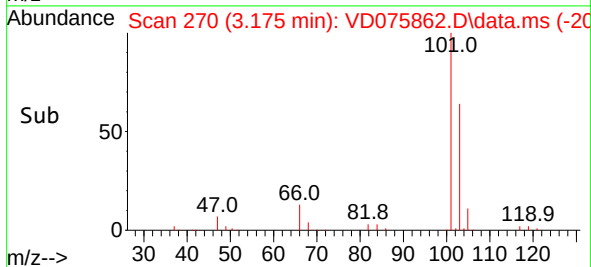
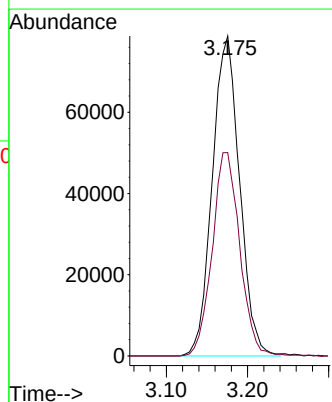
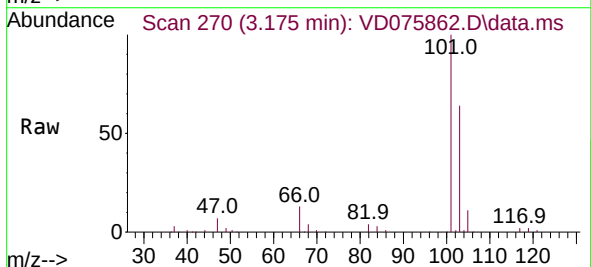
Instrument :
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ClientSampleId :
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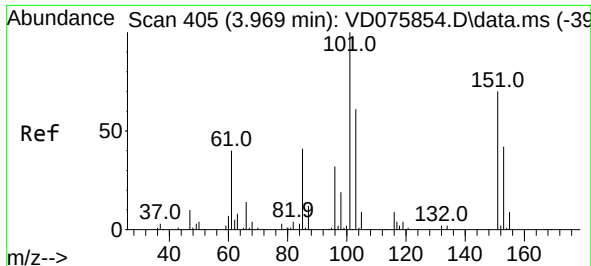
Tgt Ion: 64 Resp: 153856
Ion Ratio Lower Upper
64 100
66 33.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.439 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 101 Resp: 183859
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4

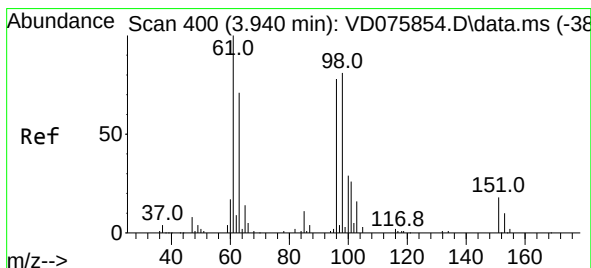
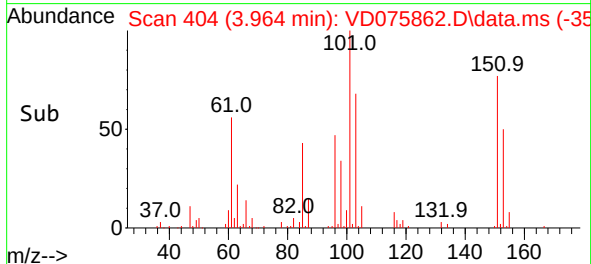
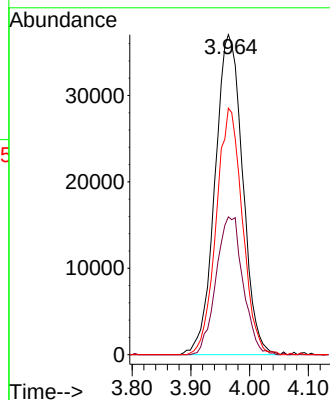
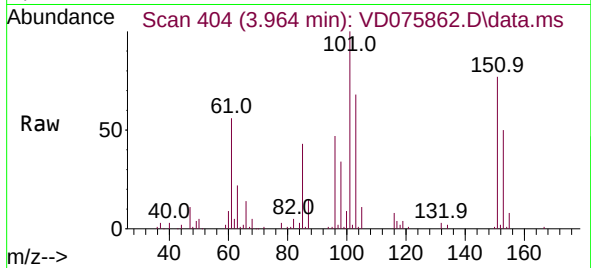




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.932 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

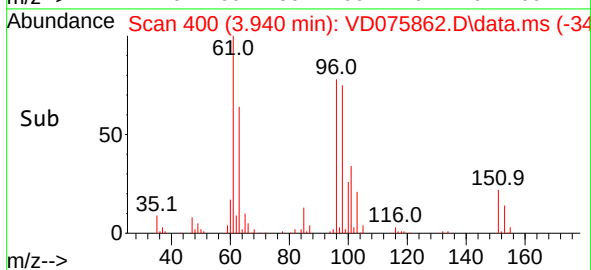
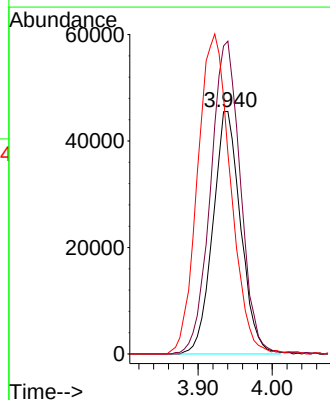
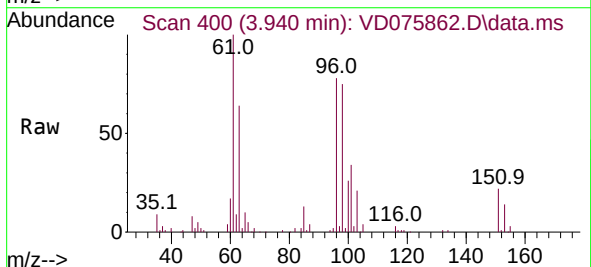
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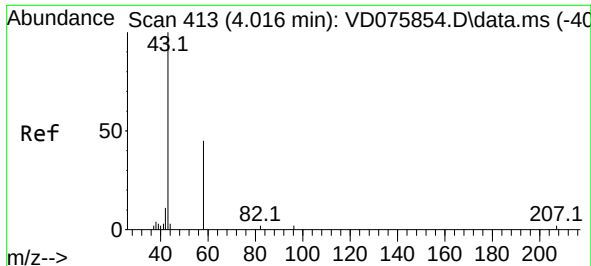
Tgt Ion:101 Resp: 121059
 Ion Ratio Lower Upper
 101 100
 85 42.0 32.9 49.3
 151 72.9 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.192 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

Tgt Ion: 96 Resp: 118626
 Ion Ratio Lower Upper
 96 100
 61 129.0 92.6 172.0
 63 82.9 77.4 143.8





#13

Acetone

Concen: 54.518 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

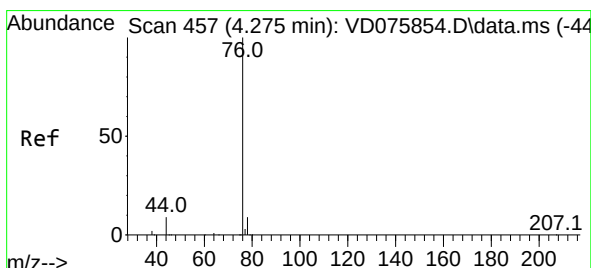
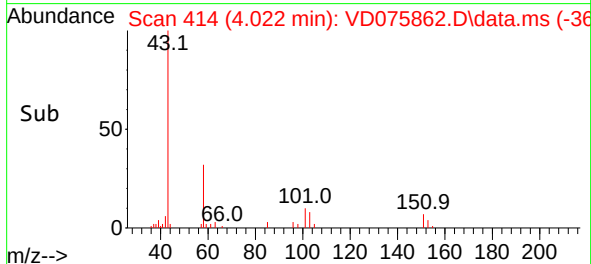
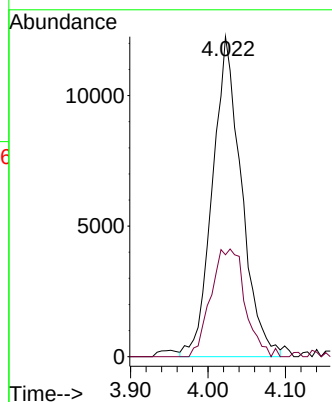
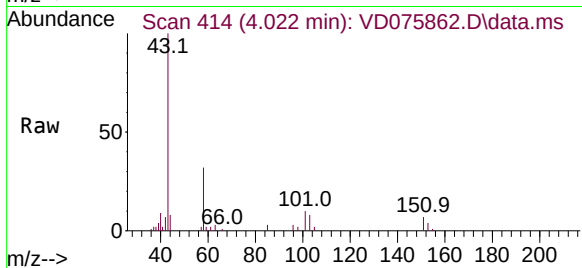
EW937MSD

Tgt Ion: 43 Resp: 31821

Ion Ratio Lower Upper

43 100

58 19.4 0.0 87.4



#14

Carbon disulfide

Concen: 22.939 ug/L

RT: 4.270 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075862.D

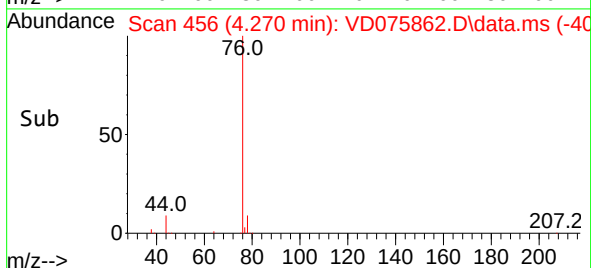
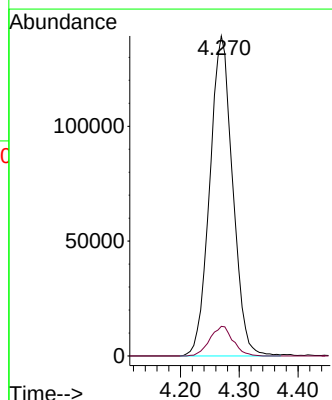
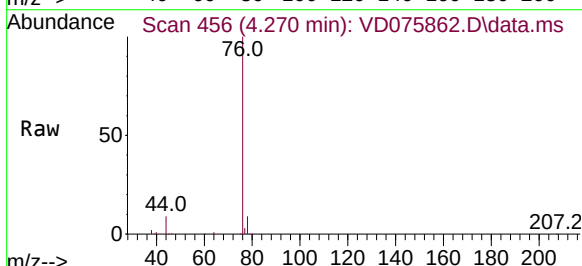
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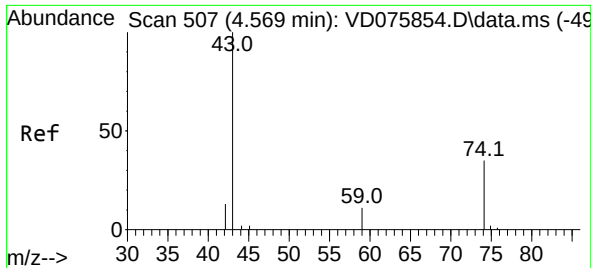
Tgt Ion: 76 Resp: 377290

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

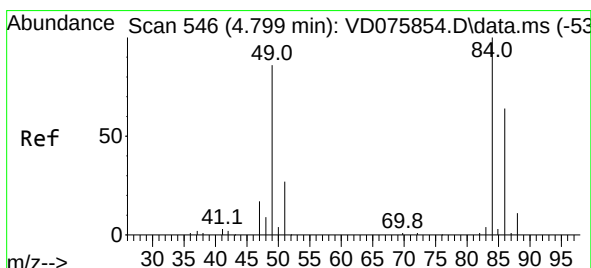
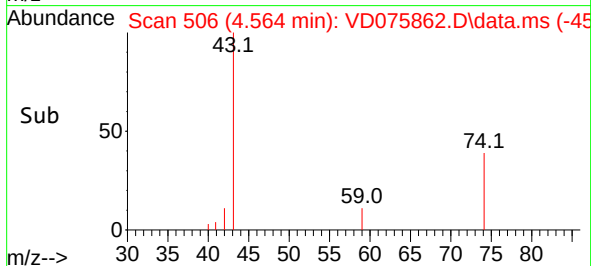
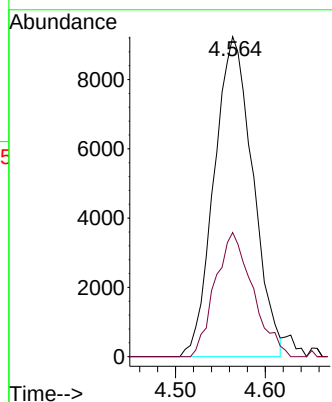
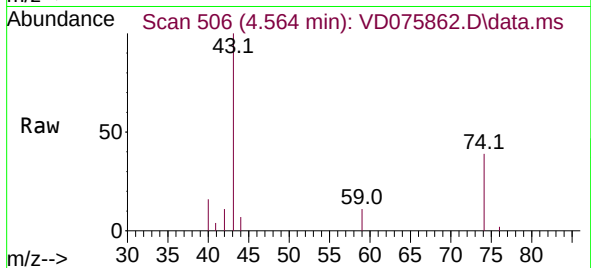




#15
Methyl Acetate
Concen: 21.872 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

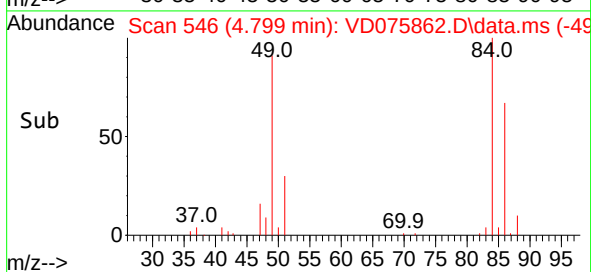
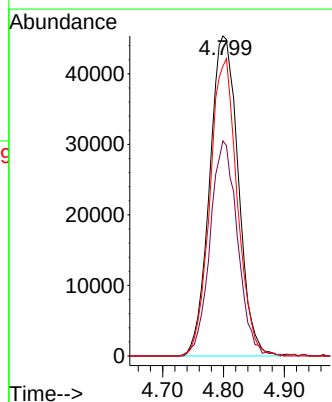
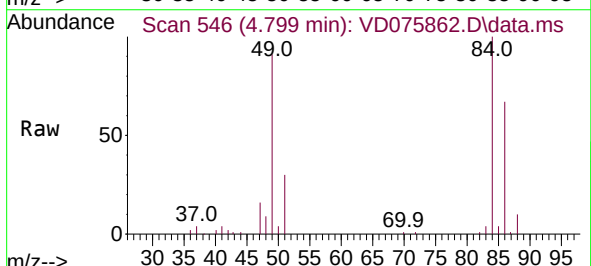
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

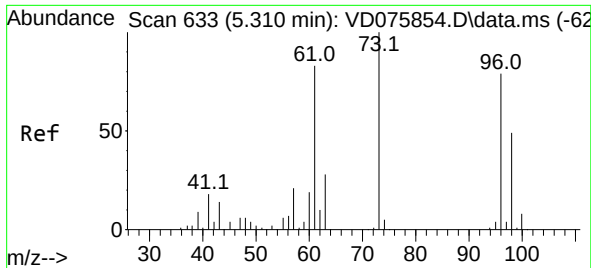
Tgt Ion: 43 Resp: 27667
Ion Ratio Lower Upper
43 100
74 37.7 12.8 19.2#



#16
Methylene chloride
Concen: 20.413 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 84 Resp: 148305
Ion Ratio Lower Upper
84 100
86 67.2 45.8 85.2
49 90.6 60.8 112.8

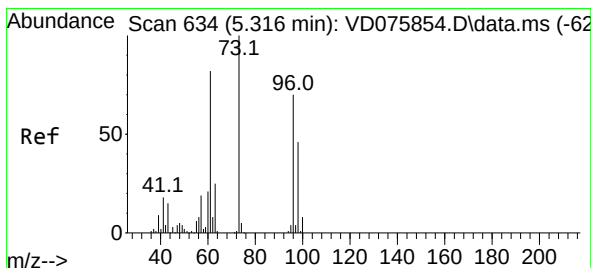
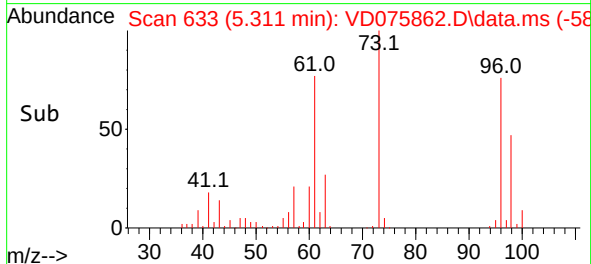
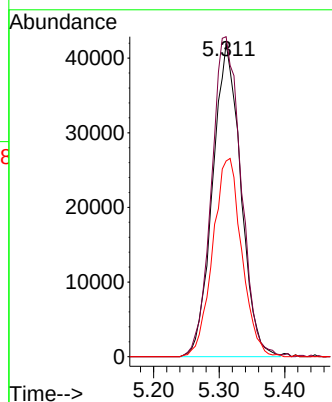
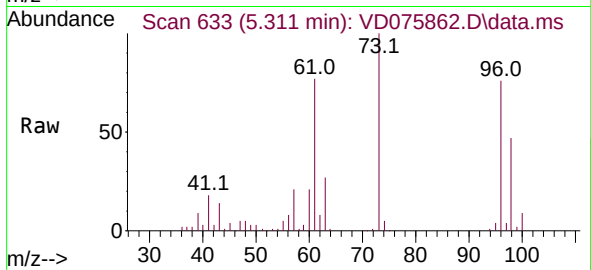




#17
trans-1,2-Dichloroethene
Concen: 23.689 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

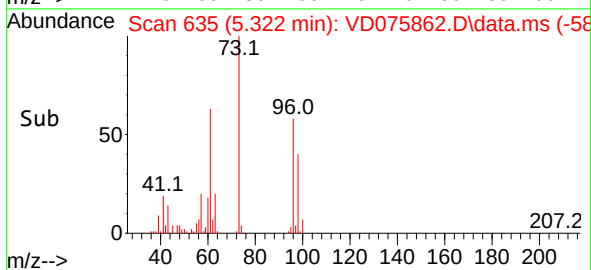
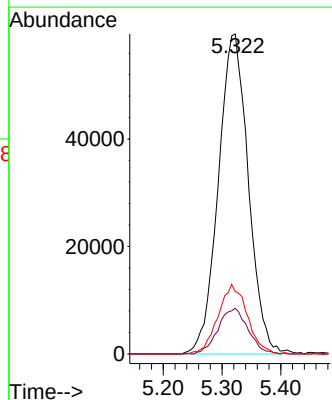
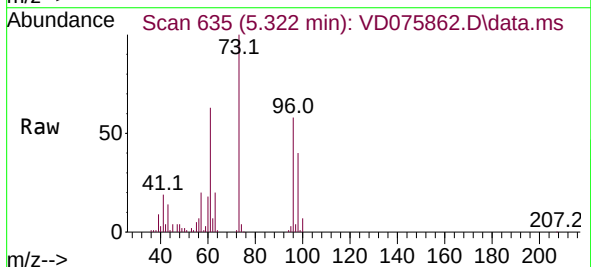
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

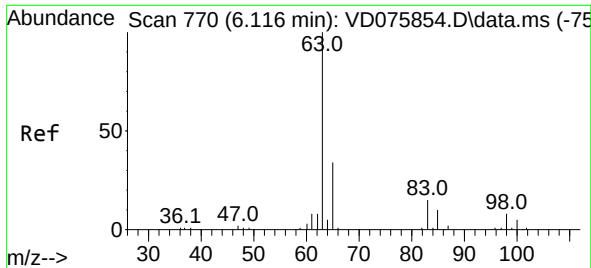
Tgt Ion: 96 Resp: 125081
Ion Ratio Lower Upper
96 100
61 102.2 72.9 135.5
98 62.5 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 24.872 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 73 Resp: 210655
Ion Ratio Lower Upper
73 100
43 14.2 11.3 16.9
57 21.2 16.3 24.5

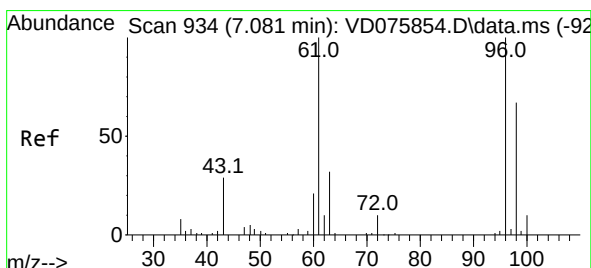
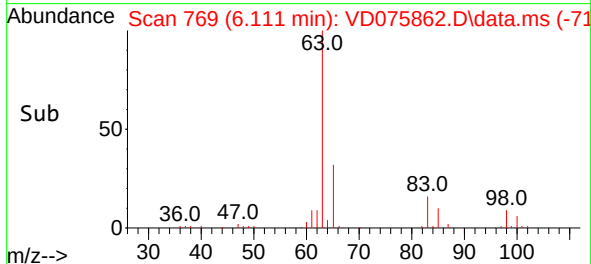
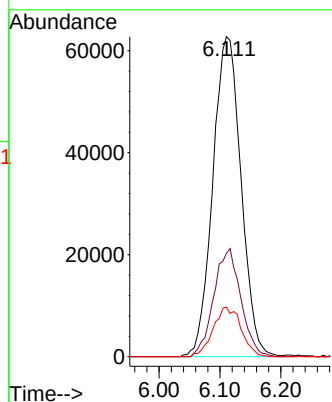
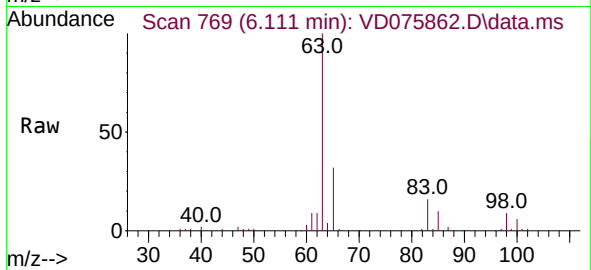




#19
1,1-Dichloroethane
Concen: 26.134 ug/L
RT: 6.111 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

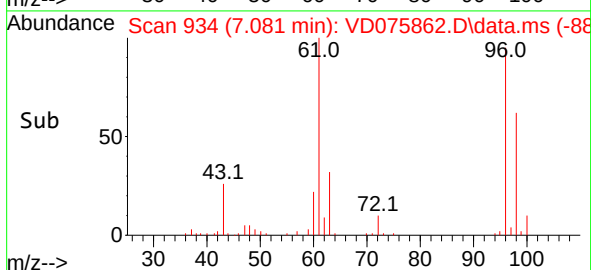
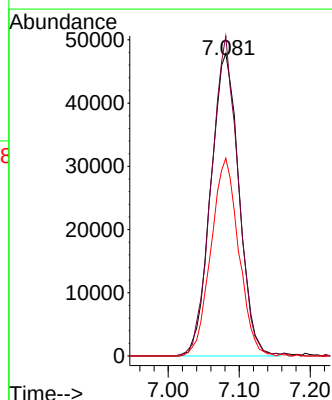
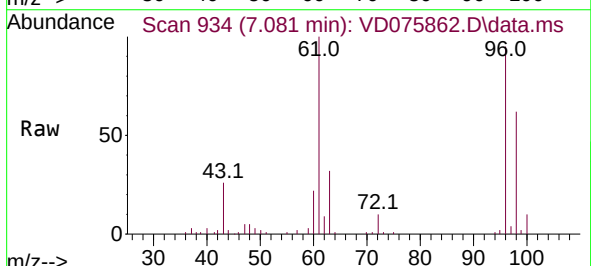
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

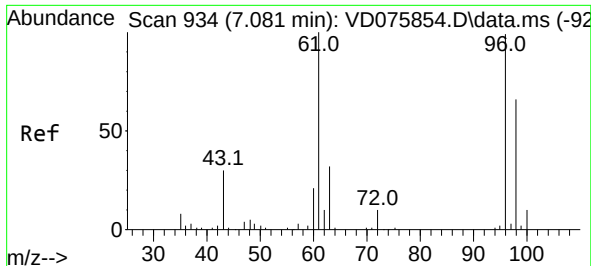
Tgt Ion: 63 Resp: 202152
Ion Ratio Lower Upper
63 100
65 32.3 22.8 42.4
83 15.5 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 23.688 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 96 Resp: 132254
Ion Ratio Lower Upper
96 100
61 105.8 67.5 125.3
98 65.4 47.5 88.1

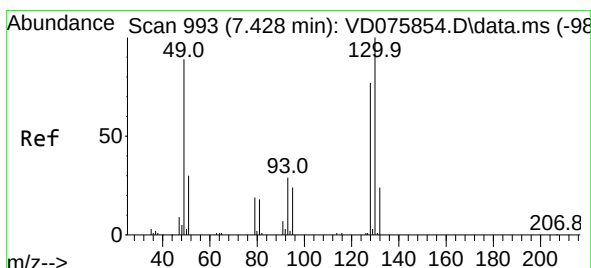
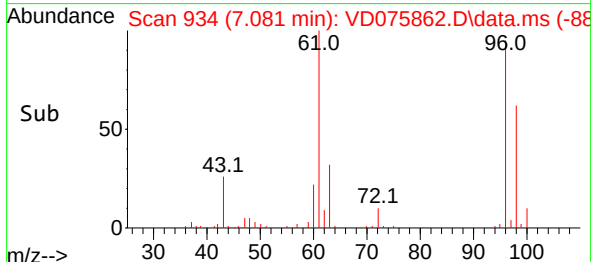
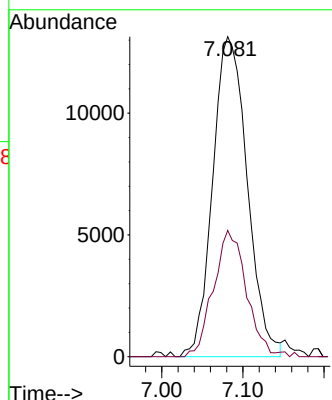
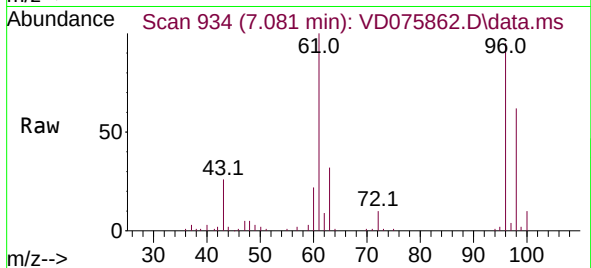




#22
2-Butanone
Concen: 51.077 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

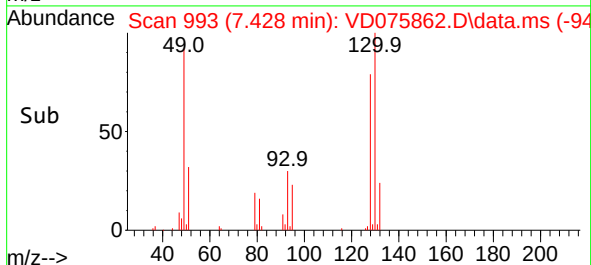
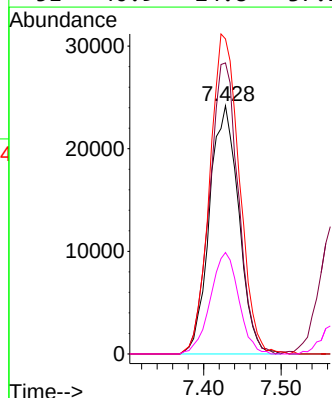
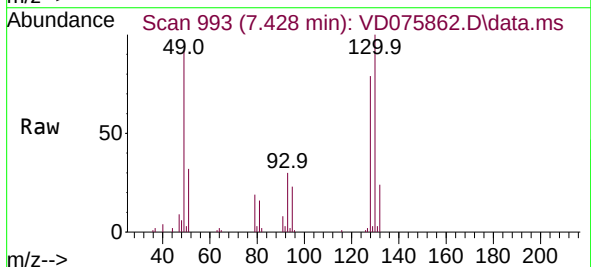
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

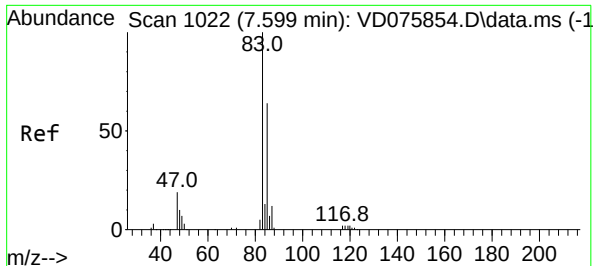
Tgt Ion: 43 Resp: 38866
Ion Ratio Lower Upper
43 100
72 37.4 20.5 61.5



#23
Bromochloromethane
Concen: 24.523 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion:128 Resp: 63497
Ion Ratio Lower Upper
128 100
49 117.3 76.4 142.0
130 127.0 93.5 173.7
51 40.9 24.8 37.2#





#25

Chloroform

Concen: 25.107 ug/L

RT: 7.593 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

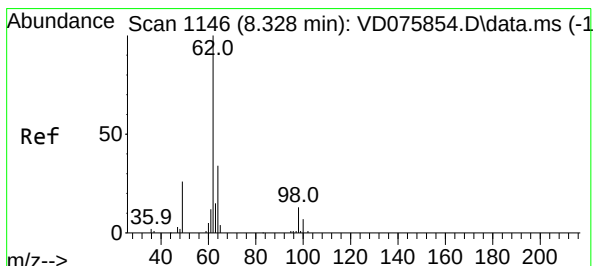
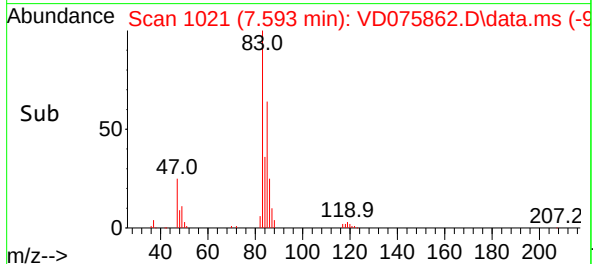
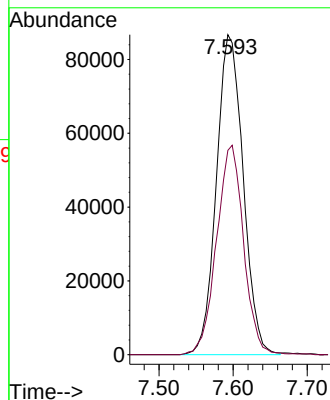
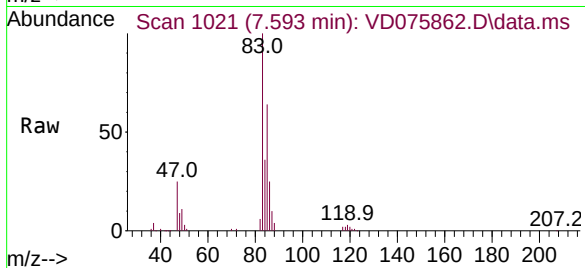
EW937MSD

Tgt Ion: 83 Resp: 217655

Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.5



#27

1,2-Dichloroethane

Concen: 25.326 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075862.D

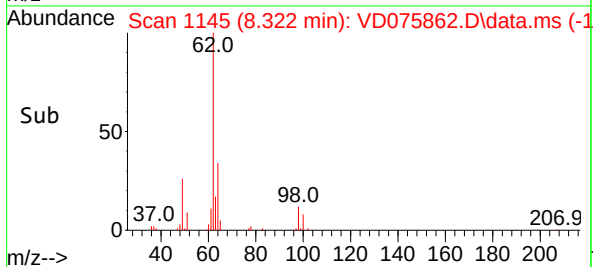
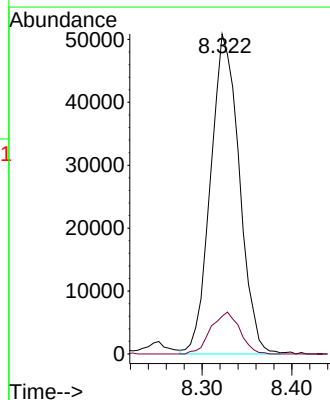
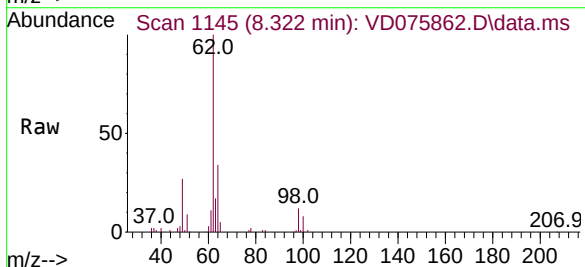
Acq: 27 Apr 2023 15:38

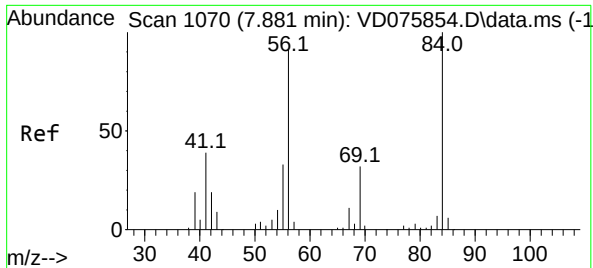
Tgt Ion: 62 Resp: 113329

Ion Ratio Lower Upper

62 100

98 11.8 10.2 15.2





#29

Cyclohexane

Concen: 24.968 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

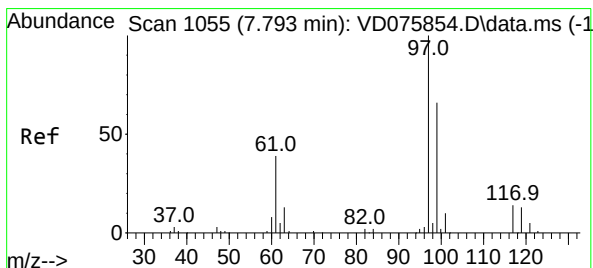
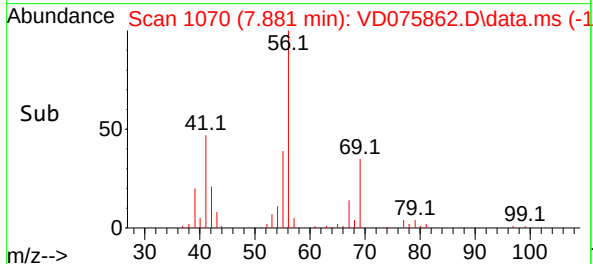
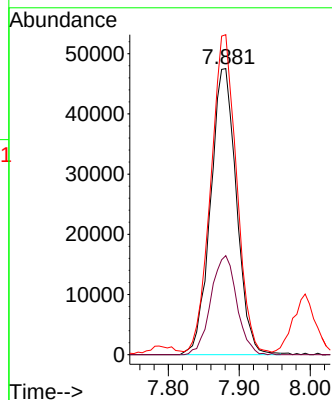
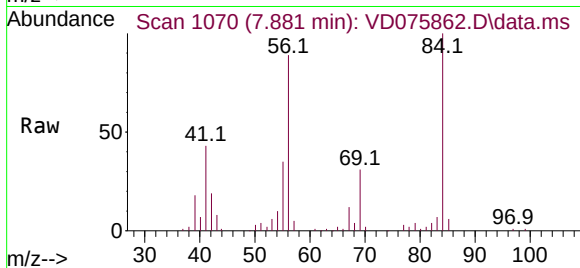
Tgt Ion: 56 Resp: 120148

Ion Ratio Lower Upper

56 100

69 34.6 28.2 42.2

84 112.2 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 29.009 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

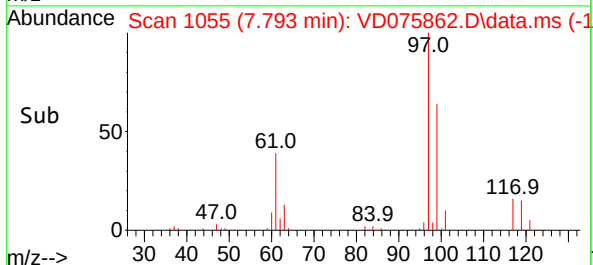
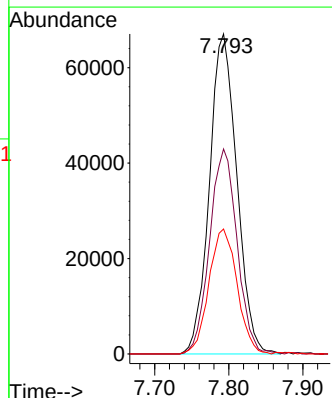
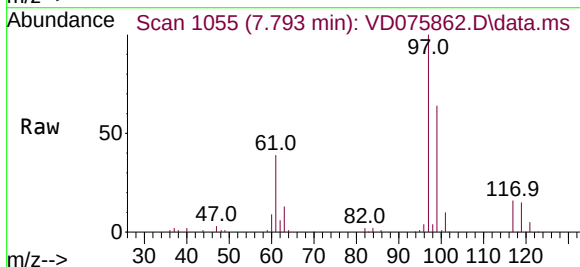
Tgt Ion: 97 Resp: 172528

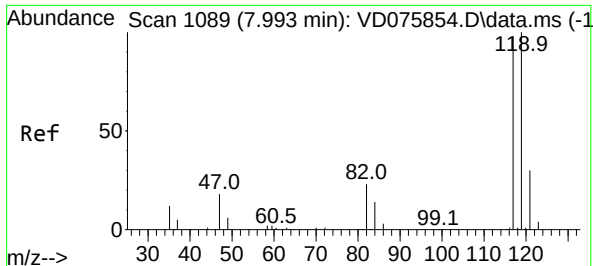
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 40.1 32.1 48.1

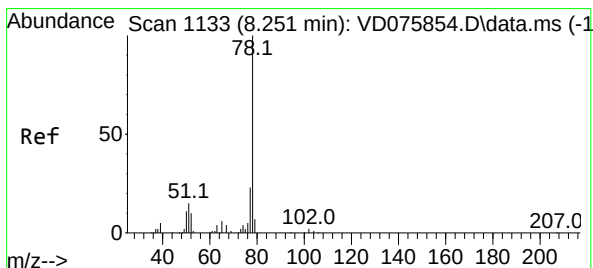
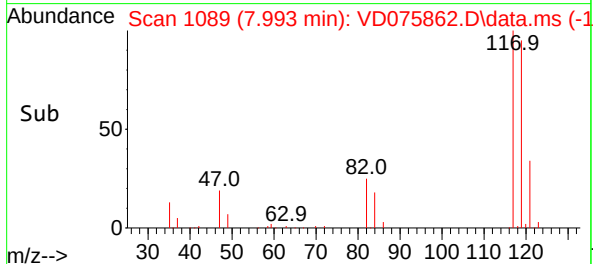
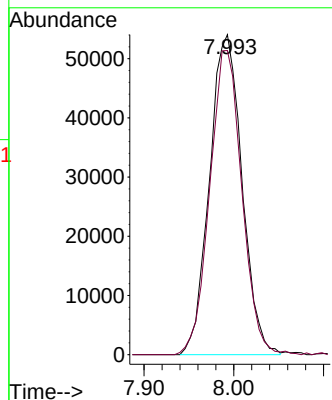
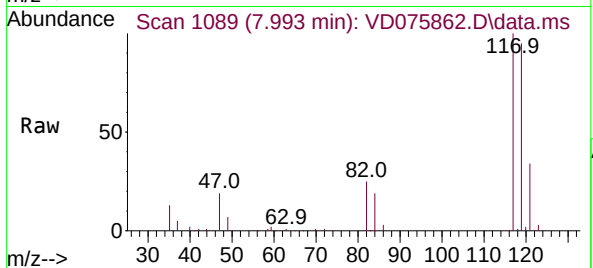




#31
Carbon tetrachloride
Concen: 28.477 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

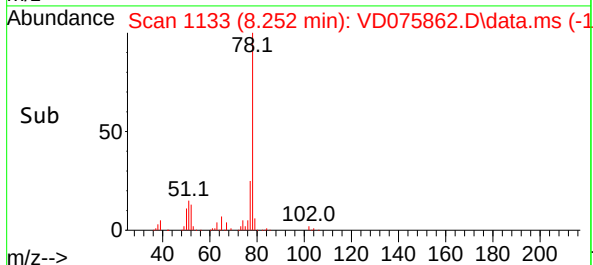
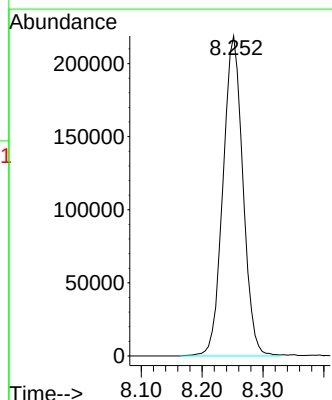
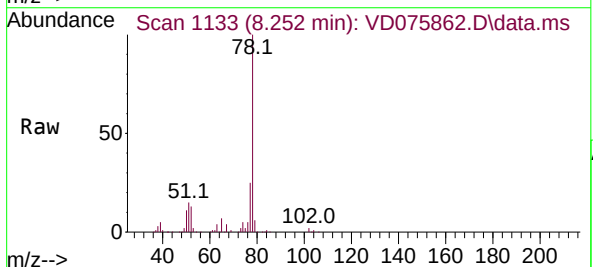
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

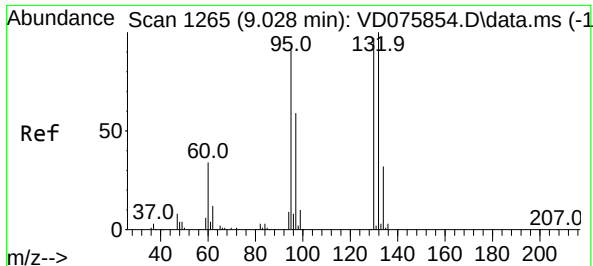
Tgt Ion:117 Resp: 135877
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.4



#33
Benzene
Concen: 29.294 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 78 Resp: 498089

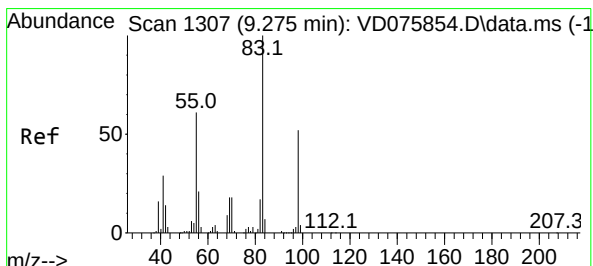
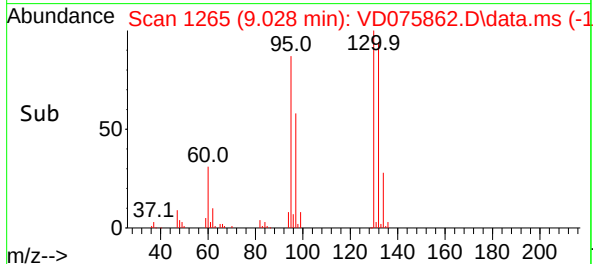
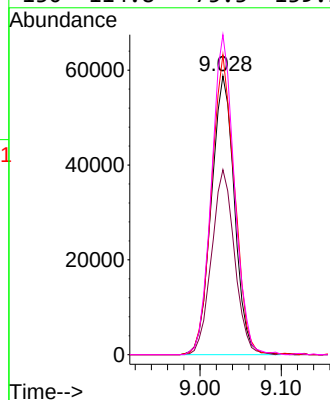
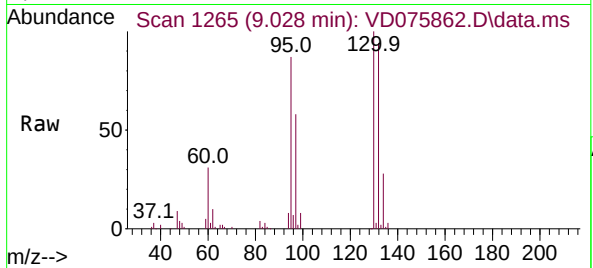




#34
Trichloroethene
Concen: 26.371 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

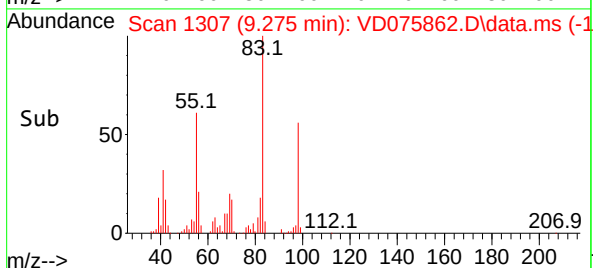
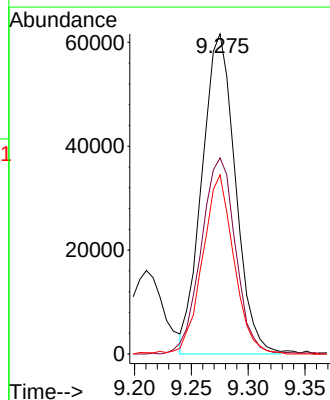
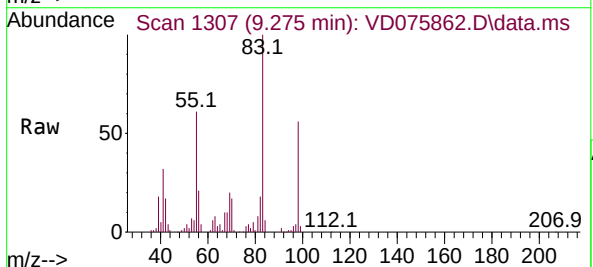
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

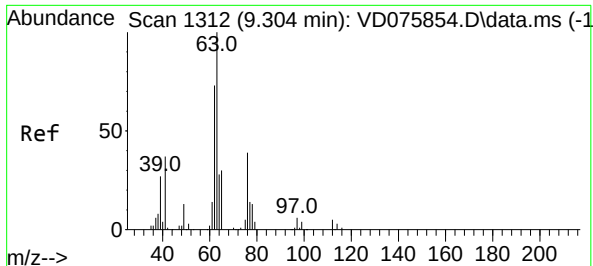
Tgt Ion: 95 Resp: 115958
Ion Ratio Lower Upper
95 100
97 66.4 46.0 85.4
132 107.6 73.3 136.1
130 114.8 75.3 139.9



#35
Methylcyclohexane
Concen: 18.561 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 83 Resp: 125829
Ion Ratio Lower Upper
83 100
55 62.7 48.2 72.2
98 52.4 40.8 61.2





#37

1,2-Dichloropropane

Concen: 29.764 ug/L

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

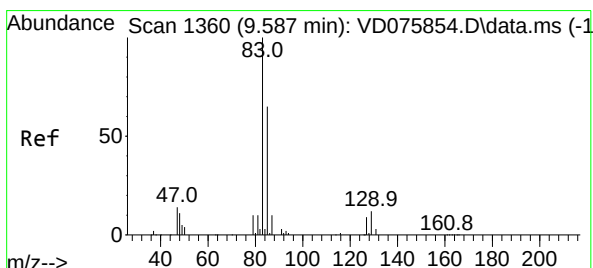
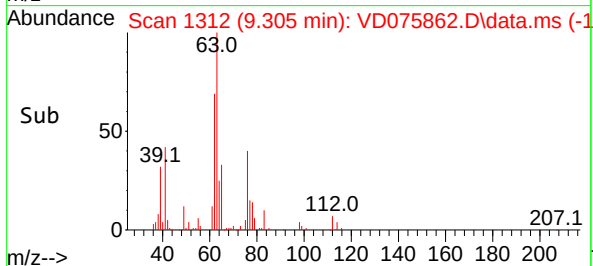
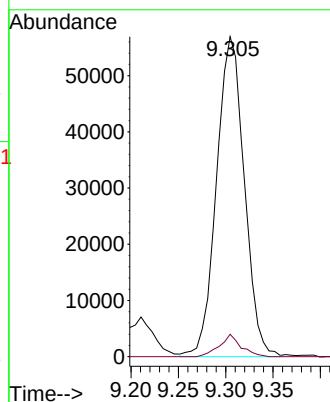
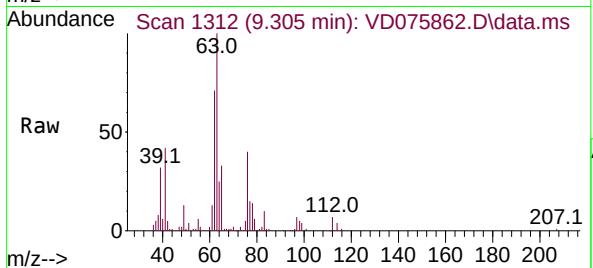
EW937MSD

Tgt Ion: 63 Resp: 116251

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 28.596 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

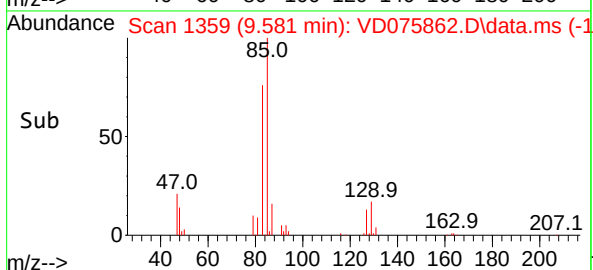
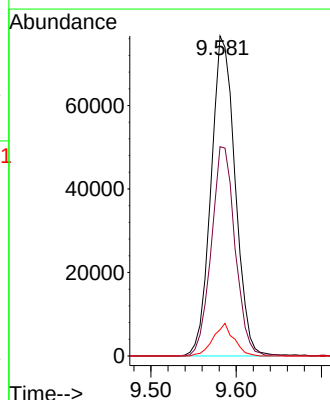
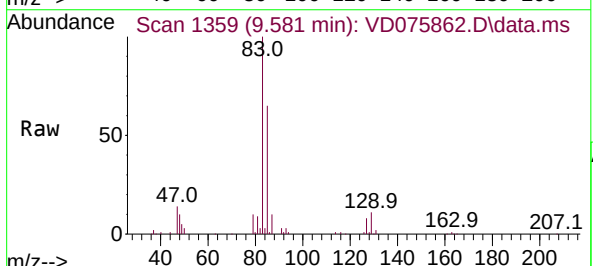
Tgt Ion: 83 Resp: 150594

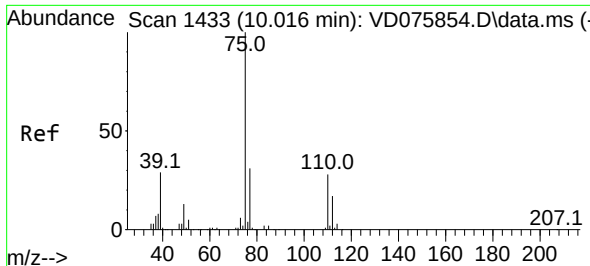
Ion Ratio Lower Upper

83 100

85 65.4 44.2 82.2

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.256 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

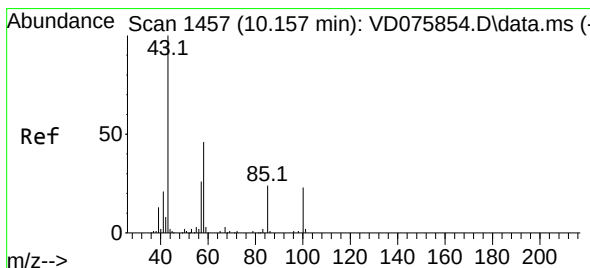
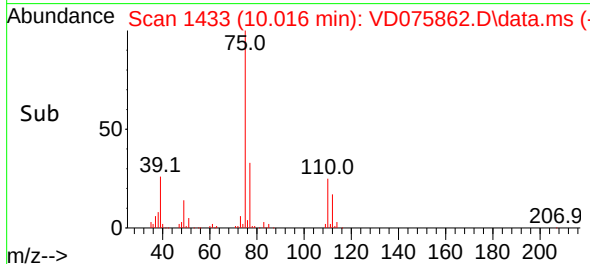
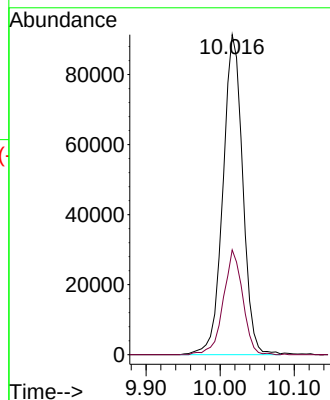
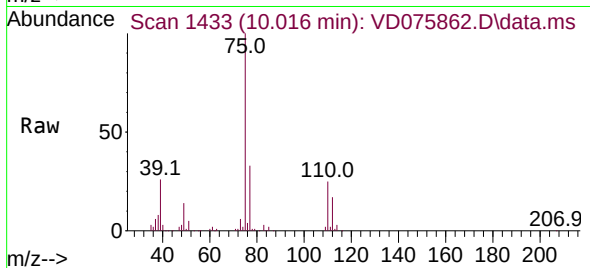
EW937MSD

Tgt Ion: 75 Resp: 169301

Ion Ratio Lower Upper

75 100

77 32.8 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 57.067 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

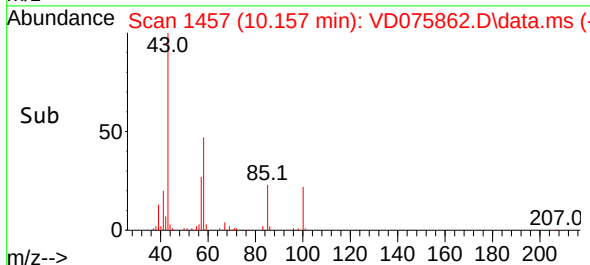
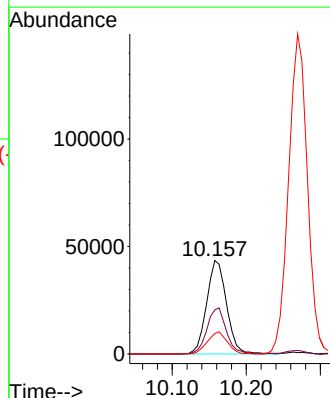
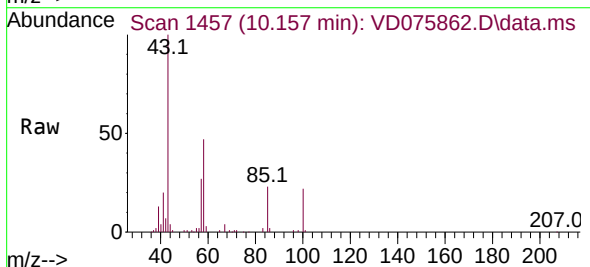
Tgt Ion: 43 Resp: 81265

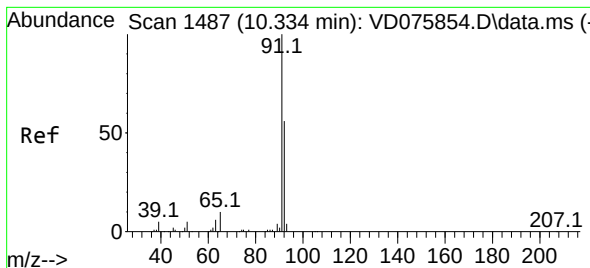
Ion Ratio Lower Upper

43 100

58 47.7 39.1 58.7

100 23.4 19.4 29.0





#42

Toluene

Concen: 28.023 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

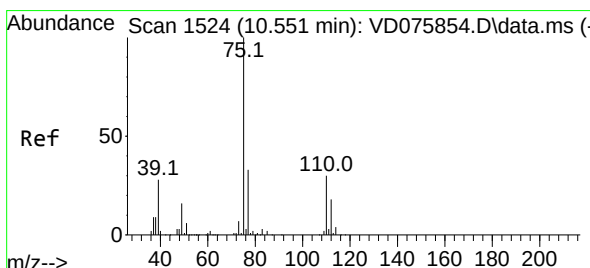
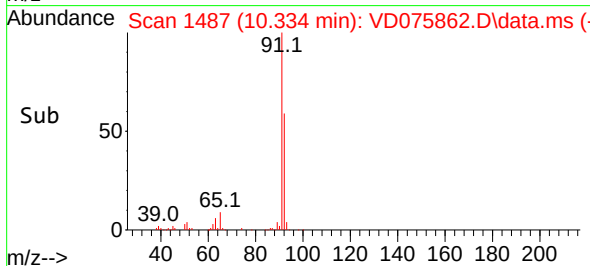
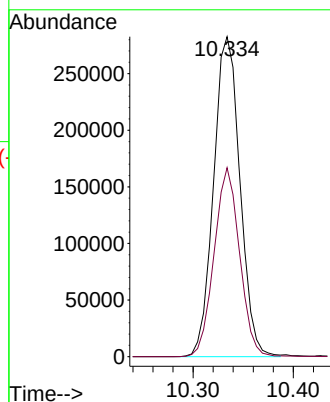
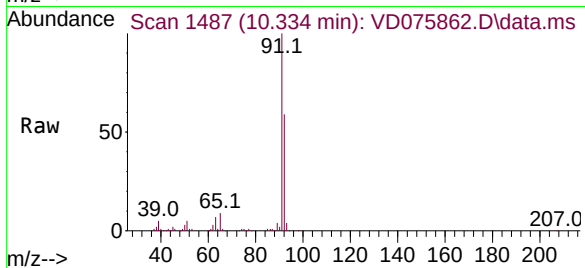
EW937MSD

Tgt Ion: 91 Resp: 515624

Ion Ratio Lower Upper

91 100

92 59.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 27.284 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD075862.D

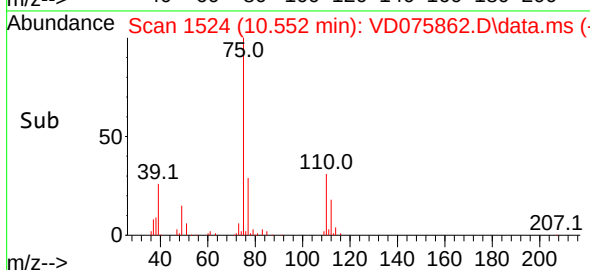
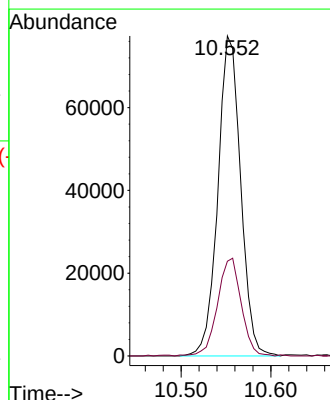
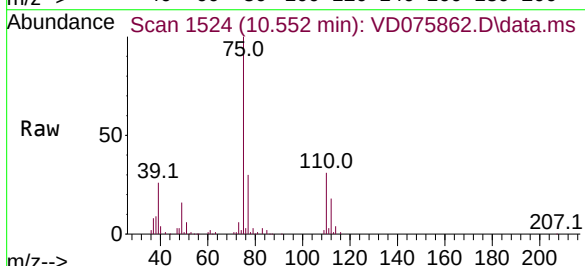
Acq: 27 Apr 2023 15:38

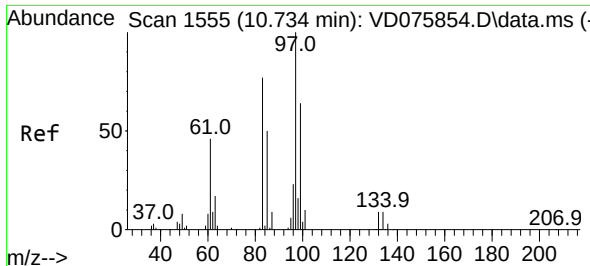
Tgt Ion: 75 Resp: 136147

Ion Ratio Lower Upper

75 100

77 29.6 22.0 41.0

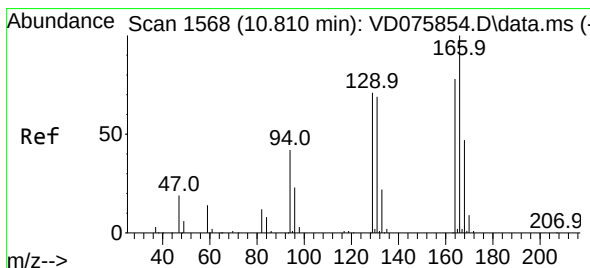
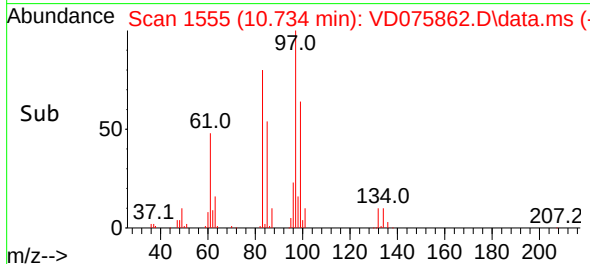
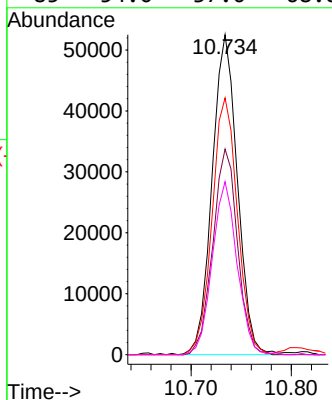
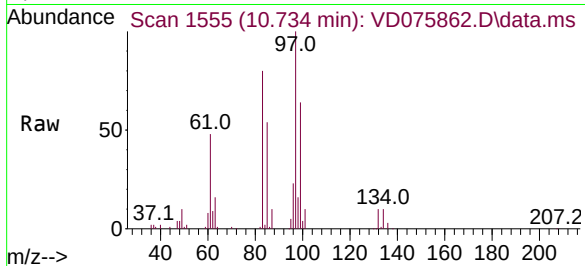




#45
1,1,2-Trichloroethane
Concen: 27.626 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

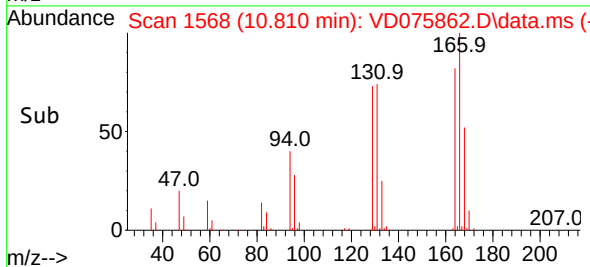
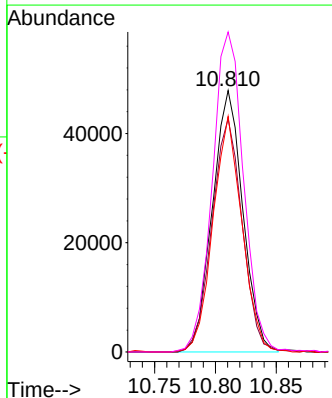
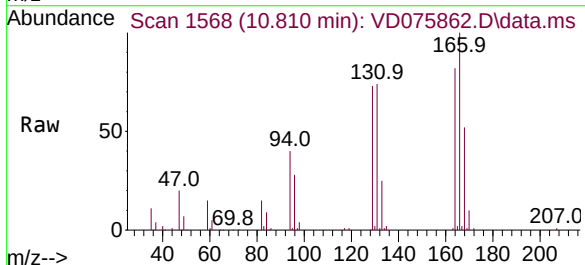
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

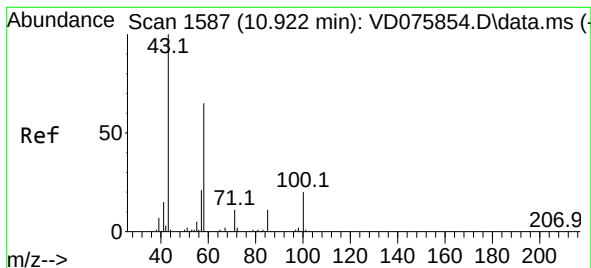
Tgt Ion: 97	Resp: 91796
Ion Ratio	Lower Upper
97 100	
99 64.2	42.2 78.4
83 80.3	54.8 101.8
85 54.0	37.0 68.8



#46
Tetrachloroethene
Concen: 23.122 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt	Ion:164	Resp:	83392
Ion	Ratio	Lower	Upper
164	100		
129	89.2	60.3	112.1
131	90.1	58.9	109.3
166	122.4	83.0	154.1





#48

2-Hexanone

Concen: 56.475 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

Tgt Ion: 43 Resp: 56696

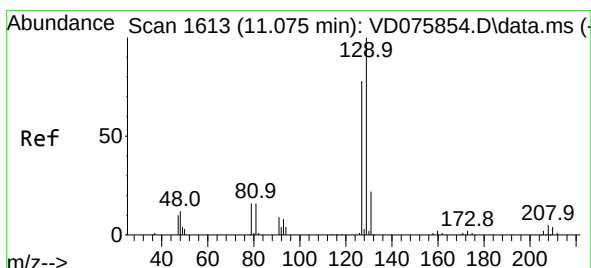
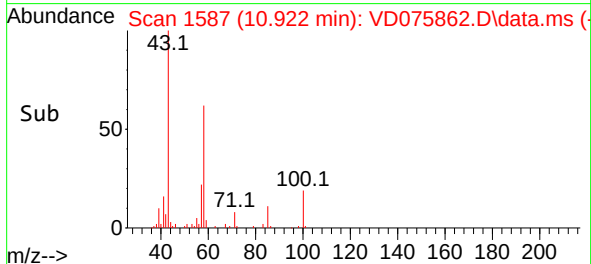
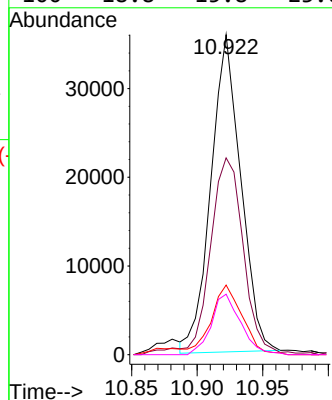
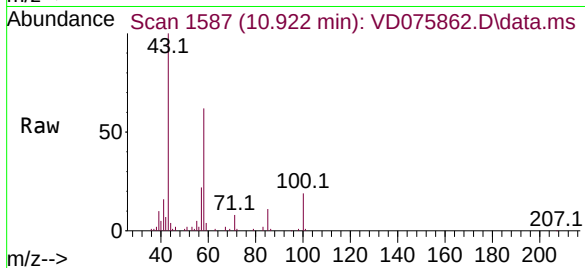
Ion Ratio Lower Upper

43 100

58 67.5 59.7 89.5

57 22.7 17.9 26.9

100 18.8 15.8 23.6



#49

Dibromochloromethane

Concen: 26.243 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075862.D

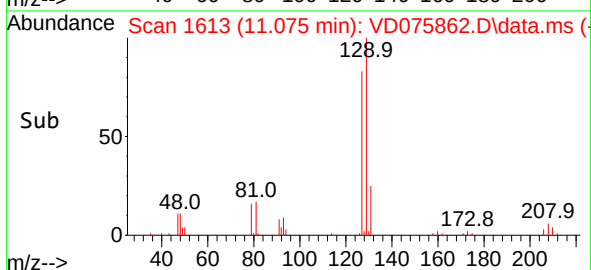
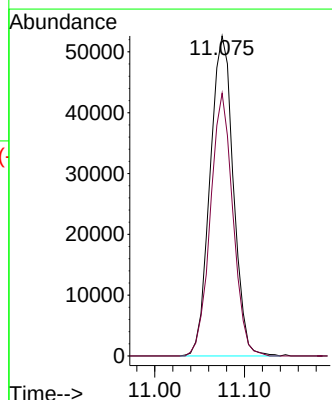
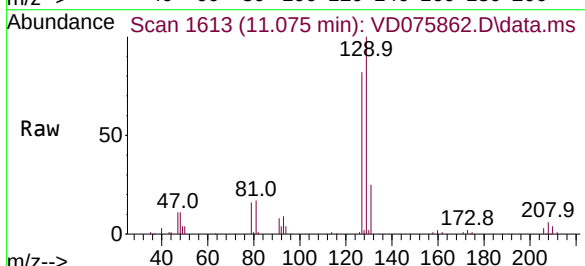
Acq: 27 Apr 2023 15:38

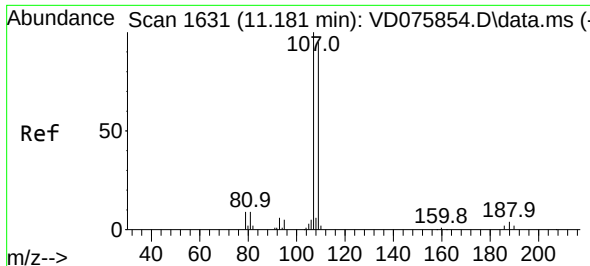
Tgt Ion: 129 Resp: 94931

Ion Ratio Lower Upper

129 100

127 82.1 55.6 103.4

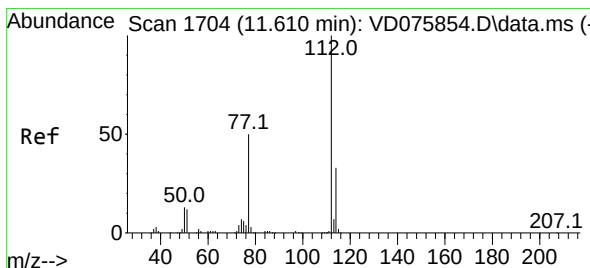
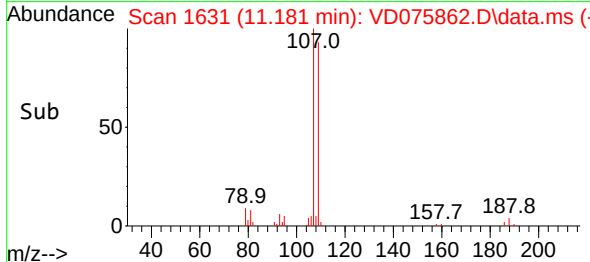
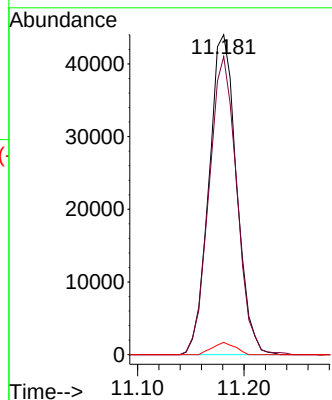
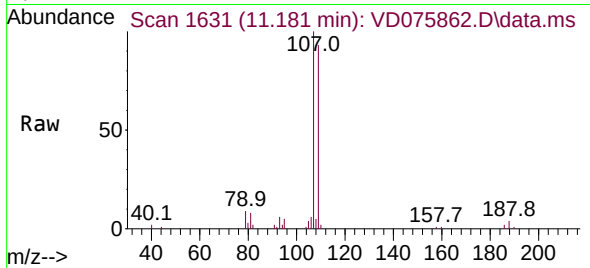




#50
1,2-Dibromoethane
Concen: 26.391 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

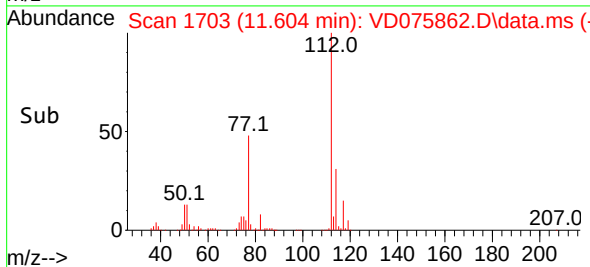
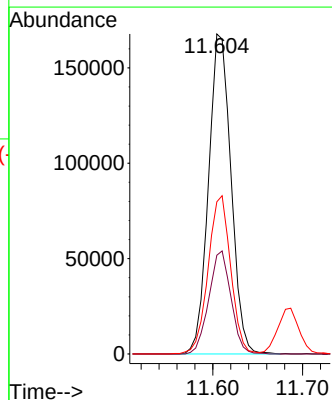
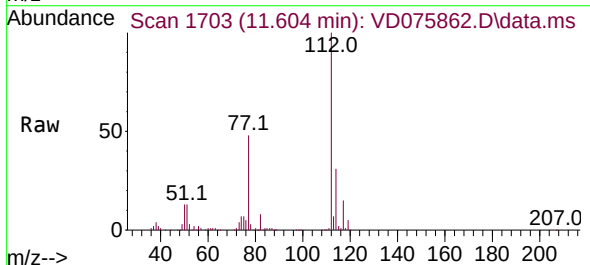
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

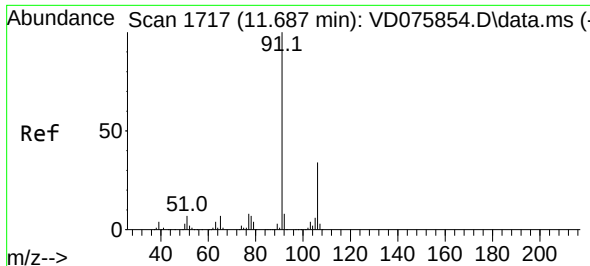
Tgt Ion:	107	Resp:	79061
Ion	Ratio	Lower	Upper
107	100		
109	93.1	67.6	125.6
188	3.9	3.0	4.6



#51
Chlorobenzene
Concen: 24.265 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion:	112	Resp:	292089
Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.0	42.8
77	47.6	39.7	59.5

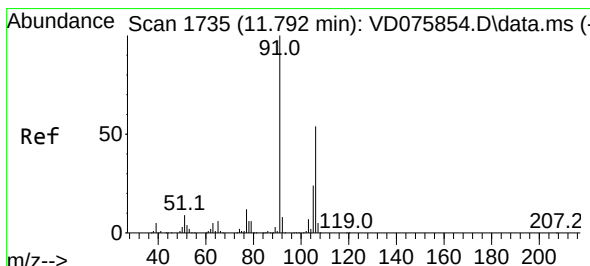
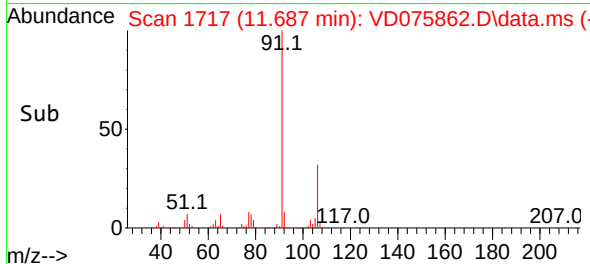
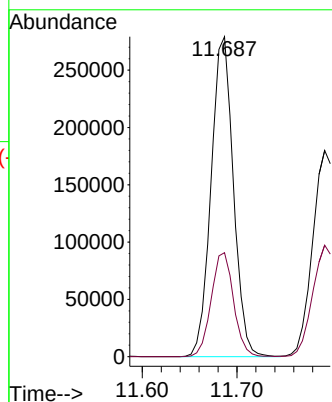
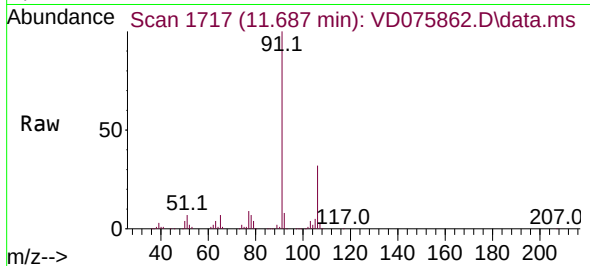




#52
Ethylbenzene
Concen: 24.259 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

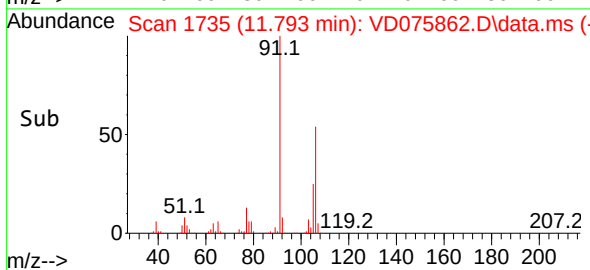
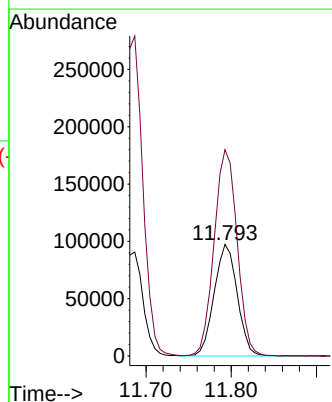
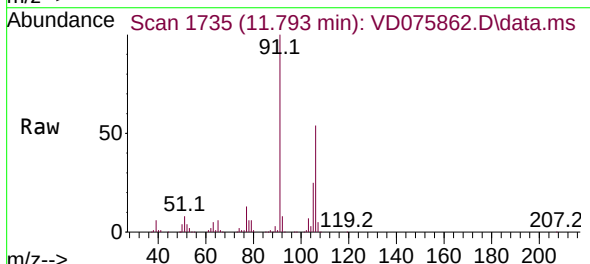
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

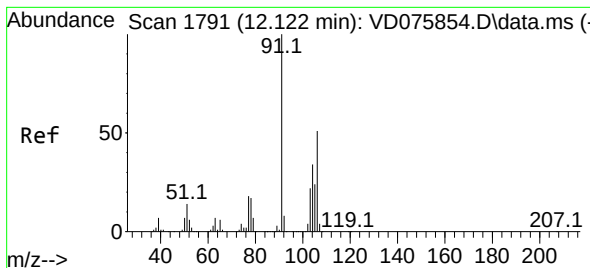
Tgt Ion: 91 Resp: 457720
Ion Ratio Lower Upper
91 100
106 32.5 23.7 43.9



#53
m,p-Xylene
Concen: 24.338 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 106 Resp: 182854
Ion Ratio Lower Upper
106 100
91 185.0 130.9 243.1





#54

o-Xylene

Concen: 24.555 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

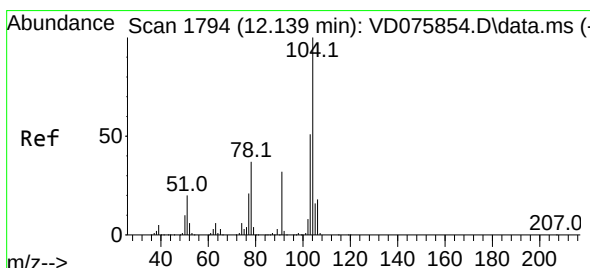
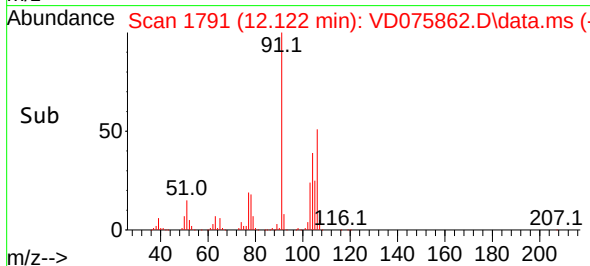
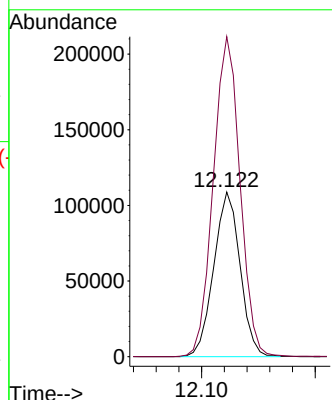
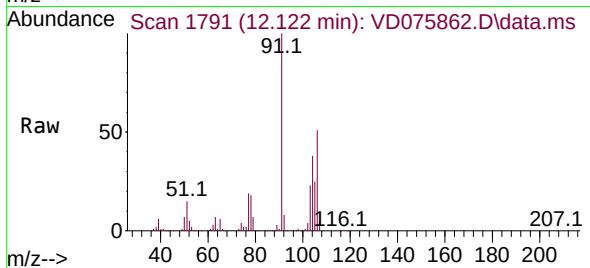
EW937MSD

Tgt Ion:106 Resp: 175228

Ion Ratio Lower Upper

106 100

91 194.3 139.8 259.6



#55

Styrene

Concen: 24.033 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD075862.D

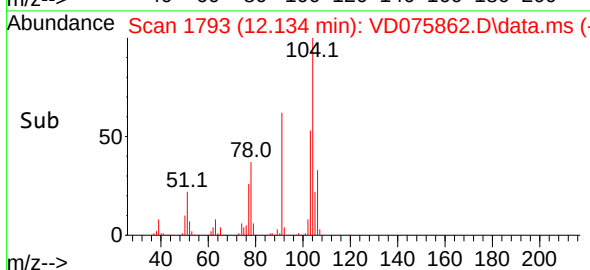
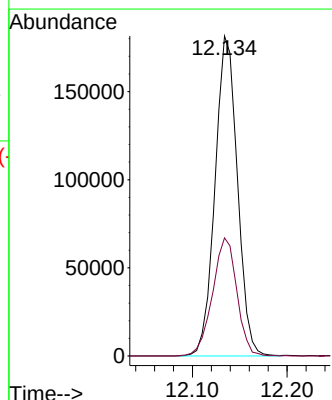
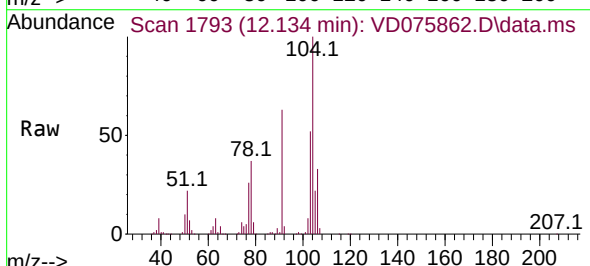
Acq: 27 Apr 2023 15:38

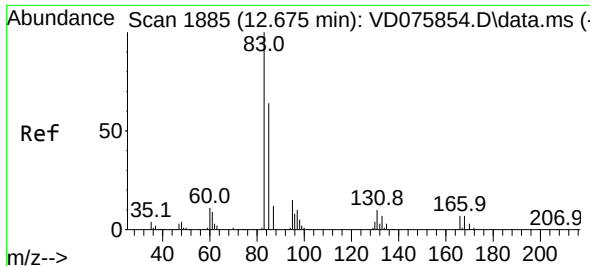
Tgt Ion:104 Resp: 298492

Ion Ratio Lower Upper

104 100

78 36.9 26.2 48.6

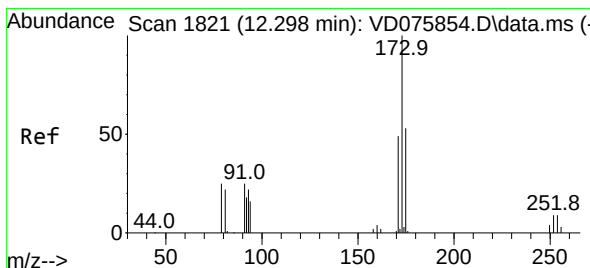
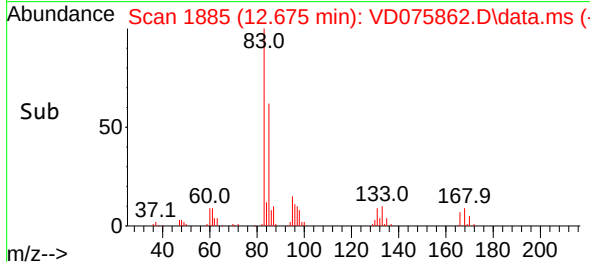
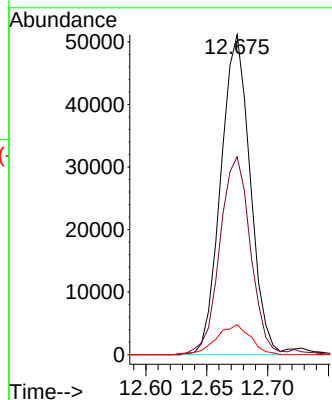
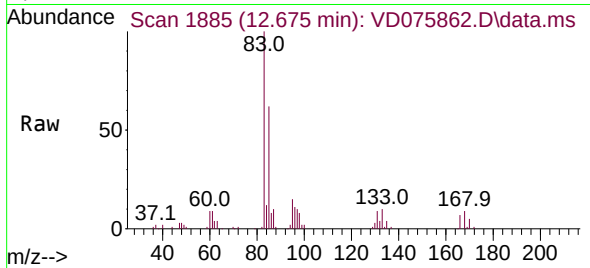




#57
1,1,2-Tetrachloroethane
Concen: 25.335 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

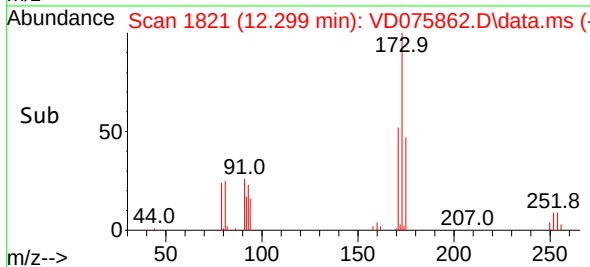
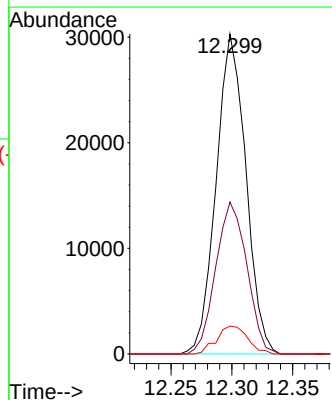
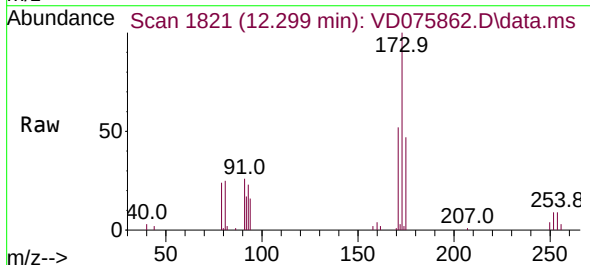
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

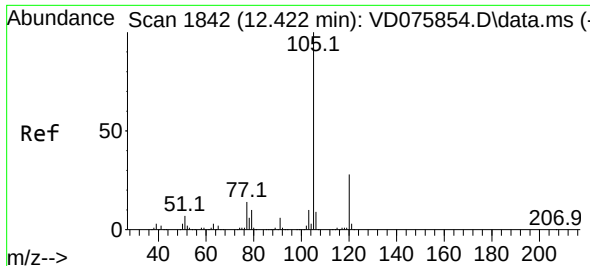
Tgt Ion: 83 Resp: 85655
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7
131 9.4 7.0 10.6



#59
Bromoform
Concen: 35.543 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 173 Resp: 51479
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.0
254 9.1 7.4 11.2

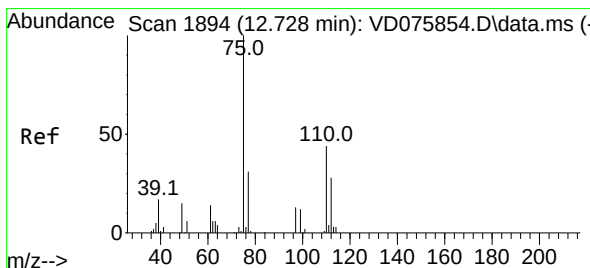
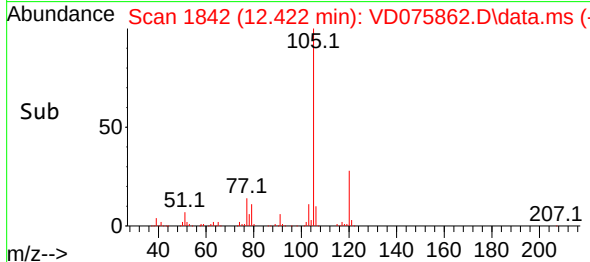
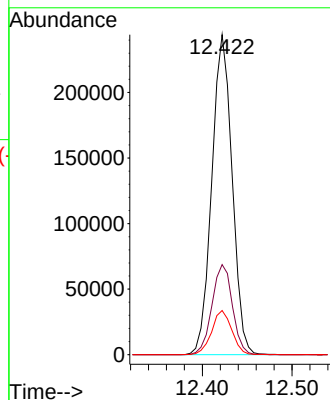
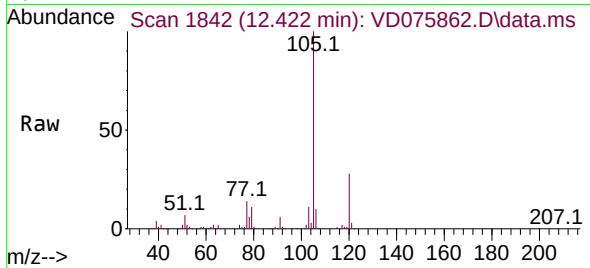




#60
Isopropylbenzene
Concen: 30.618 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

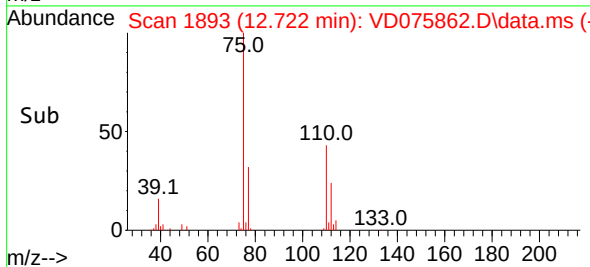
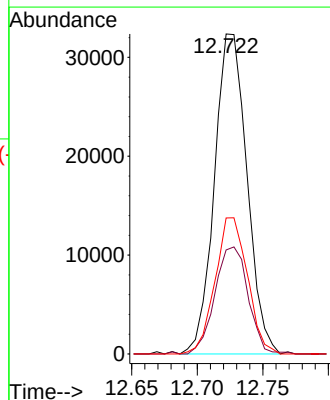
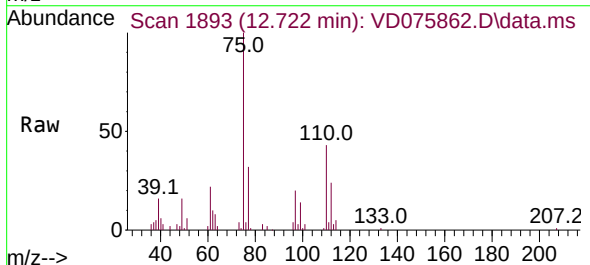
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

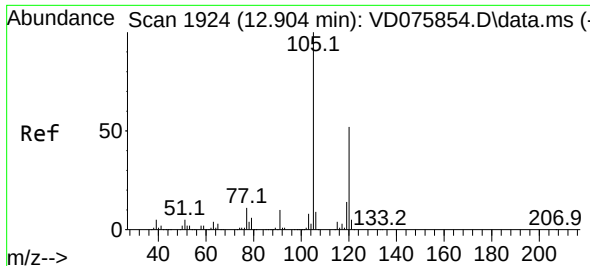
Tgt Ion:105 Resp: 383664
Ion Ratio Lower Upper
105 100
120 28.3 22.7 34.1
77 13.7 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 37.675 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion: 75 Resp: 55929
Ion Ratio Lower Upper
75 100
77 34.0 26.6 39.8
110 42.3 33.5 50.3

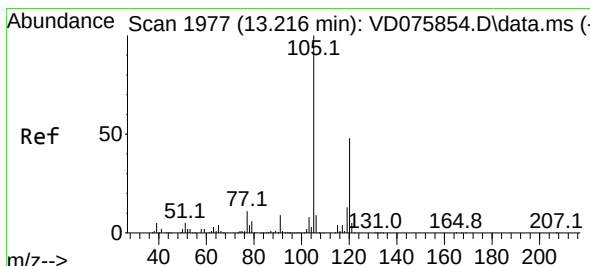
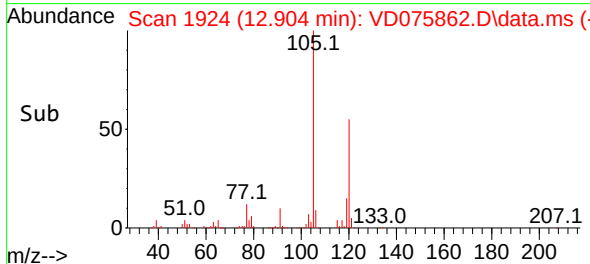
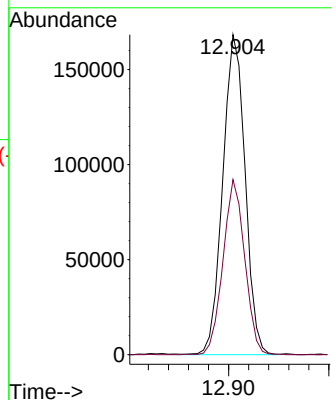
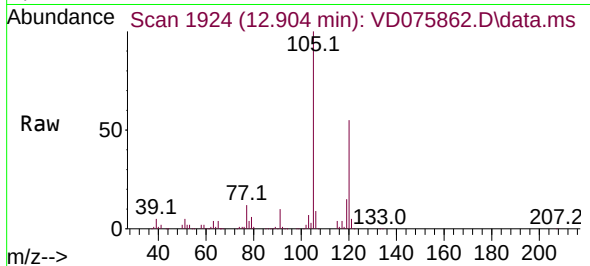




#62
 1,3,5-Trimethylbenzene
 Concen: 27.853 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

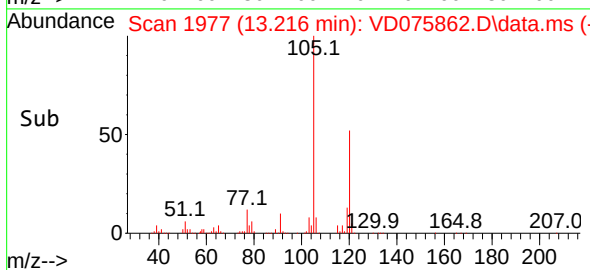
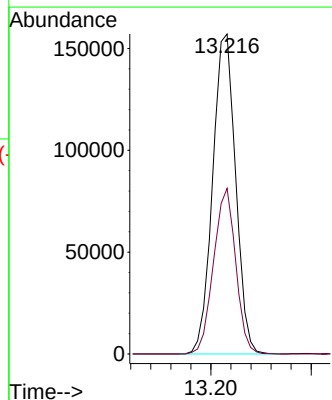
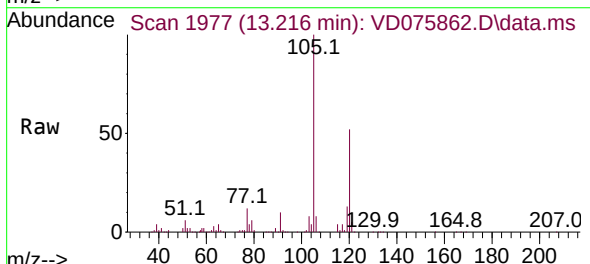
Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

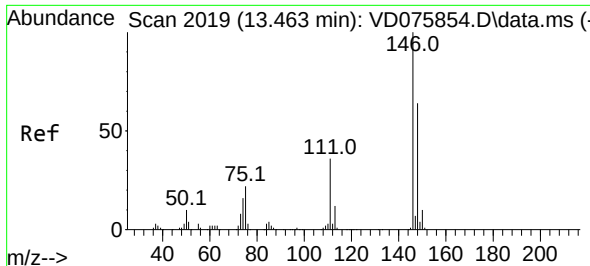
Tgt Ion:105 Resp: 260256
 Ion Ratio Lower Upper
 105 100
 120 53.1 42.0 63.0



#63
 1,2,4-Trimethylbenzene
 Concen: 27.706 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

Tgt Ion:105 Resp: 249550
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.0 58.6

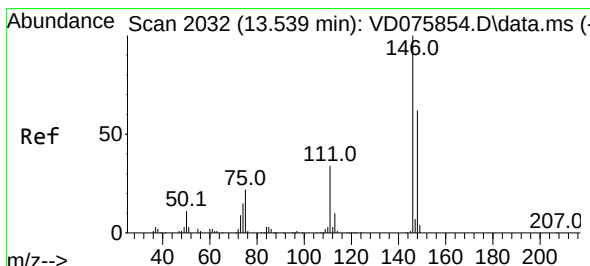
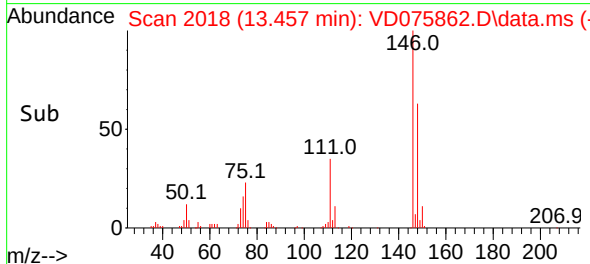
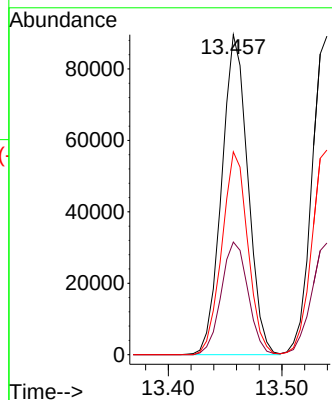
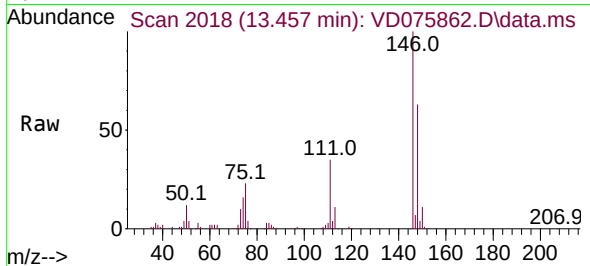




#64
1,3-Dichlorobenzene
Concen: 23.923 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

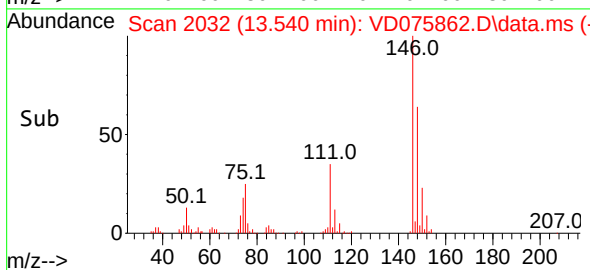
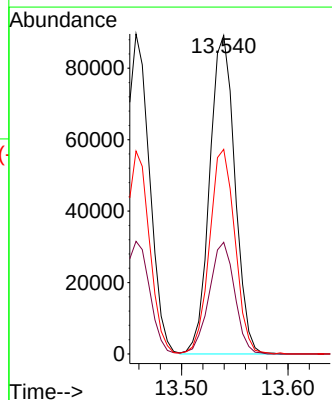
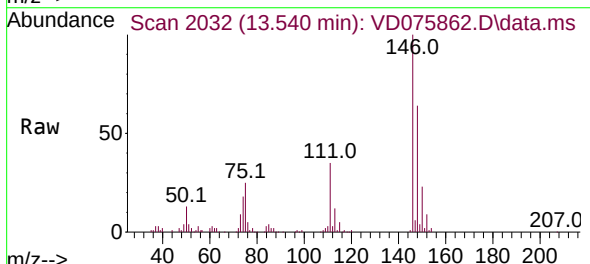
Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

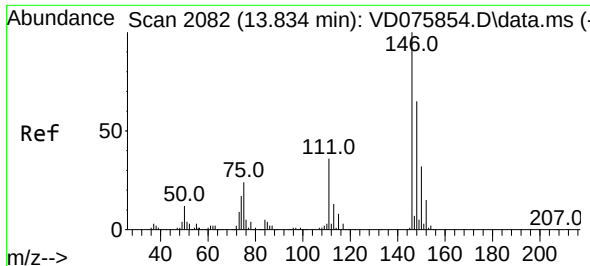
Tgt Ion:146 Resp: 143434
Ion Ratio Lower Upper
146 100
111 35.2 26.5 49.1
148 63.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.300 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion:146 Resp: 146613
Ion Ratio Lower Upper
146 100
111 35.1 24.6 45.8
148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.418 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

EW937MSD

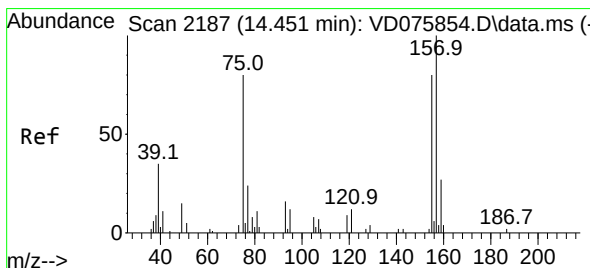
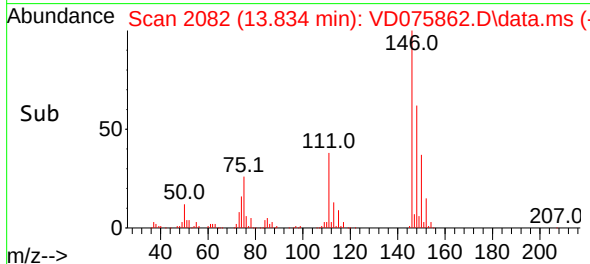
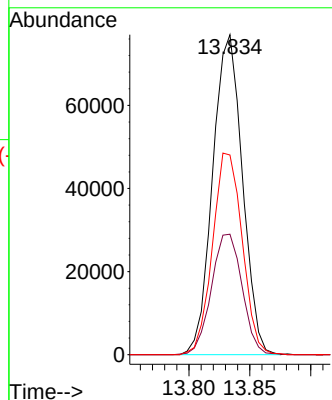
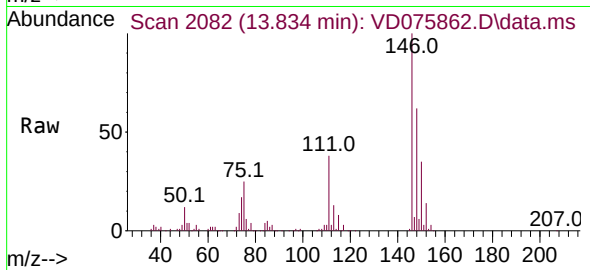
Tgt Ion:146 Resp: 130738

Ion Ratio Lower Upper

146 100

111 37.7 30.6 46.0

148 62.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 31.775 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075862.D

Acq: 27 Apr 2023 15:38

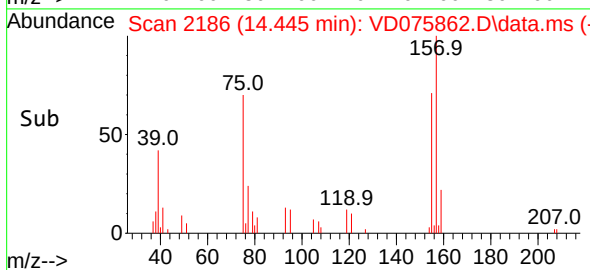
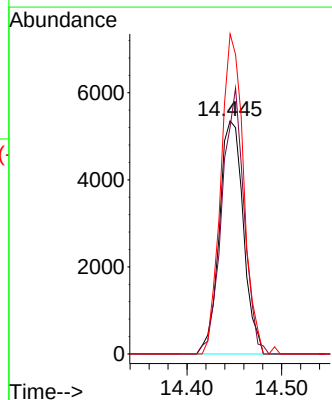
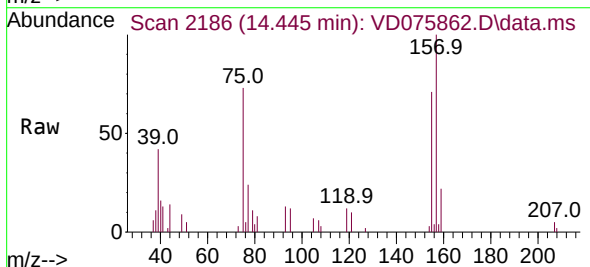
Tgt Ion: 75 Resp: 9430

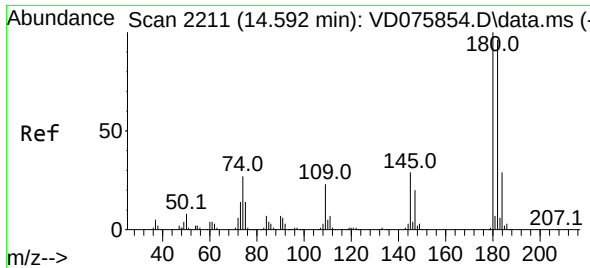
Ion Ratio Lower Upper

75 100

155 97.4 74.6 111.8

157 137.3 109.4 164.2

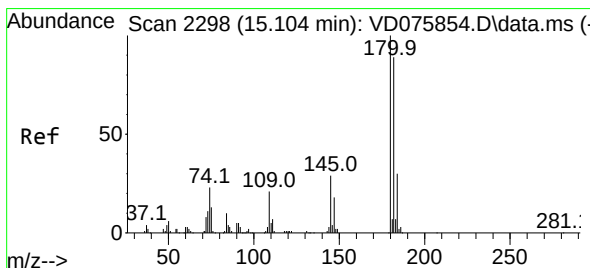
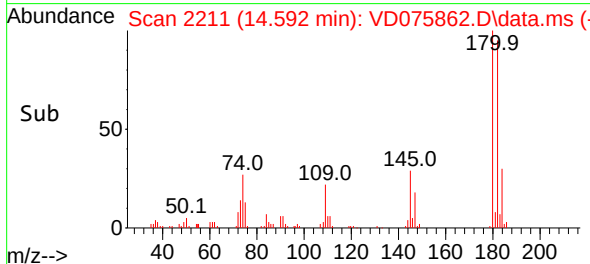
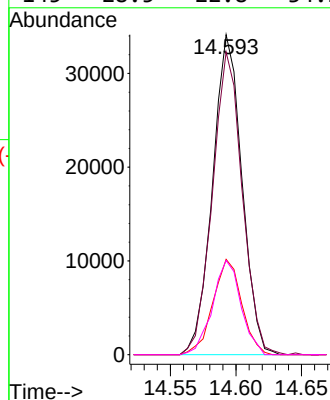
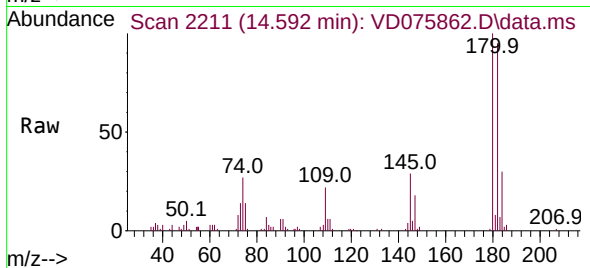




#69
 1,3,5-Trichlorobenzene
 Concen: 13.207 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

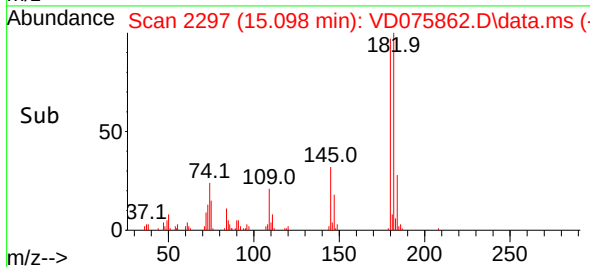
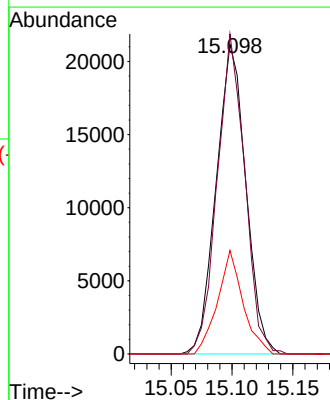
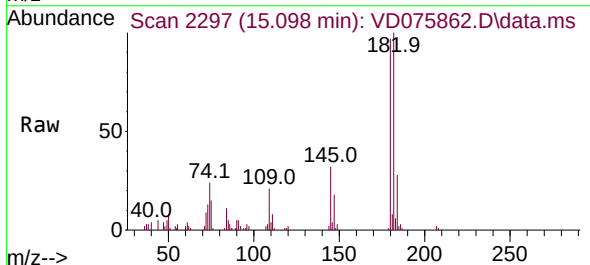
Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

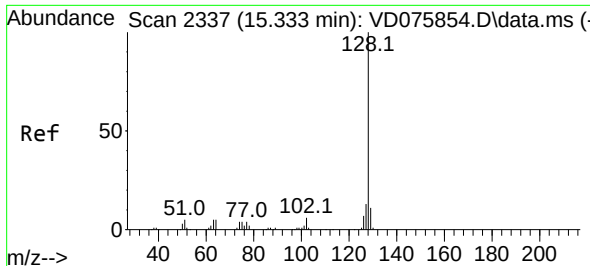
Tgt Ion:	180	Resp:	53074
Ion Ratio	Lower	Upper	
180	100		
182	95.7	74.9	112.3
184	29.2	25.0	37.4
145	28.5	22.8	34.2



#70
 1,2,4-trichlorobenzene
 Concen: 10.771 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075862.D
 Acq: 27 Apr 2023 15:38

Tgt Ion:	180	Resp:	35872
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.4	113.2
145	28.6	23.6	35.4

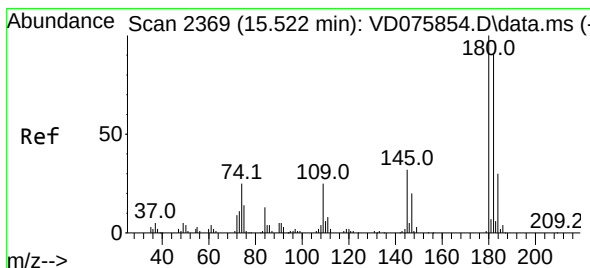
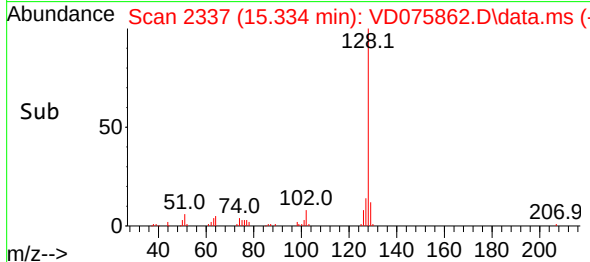
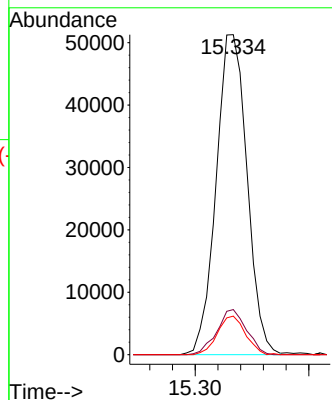
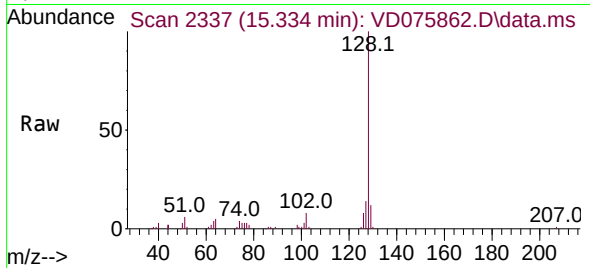




#71
Naphthalene
Concen: 15.896 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Instrument :
MSVOA_D
ClientSampleId :
EW937MSD

Tgt Ion:128	Resp:	96878
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.5 15.7
129	10.9	9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 10.805 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075862.D
Acq: 27 Apr 2023 15:38

Tgt Ion:180	Resp:	32120
Ion Ratio	Lower	Upper
180	100	
182	92.1	76.3 114.5
145	30.2	25.0 37.6

