

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078346.D
 Acq On : 05 Feb 2024 14:13
 Operator : RP/MD
 Sample : MDL05
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 01:30:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 00:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	203167	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	197100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	80063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	97205	16.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.440%
7) Chloroethane-d5	2.799	69	91045	18.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.160%
11) 1,1-Dichloroethene-d2	3.917	65	21594	17.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.400%
21) 2-Butanone-d5	6.993	46	29868	35.194	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.380%
24) Chloroform-d	7.569	84	109624	18.925	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.680%
26) 1,2-Dichloroethane-d4	8.234	65	59439	19.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.040%
32) Benzene-d6	8.205	84	215700	18.716	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.880%
36) 1,2-Dichloropropane-d6	9.210	67	70438	19.853	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.400%
41) Toluene-d8	10.269	98	183375	17.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.840%
43) trans-1,3-Dichloroprop...	10.522	79	28611	18.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.240%
47) 2-Hexanone-d5	10.881	63	25825	35.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61794	18.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	61586	21.486	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	2898	0.723	ug/L	96
3) Chloromethane	2.152	50	5006	0.859	ug/L	90
5) Vinyl chloride	2.281	62	6467	0.898	ug/L #	65
6) Bromomethane	2.693	94	2878	0.881	ug/L	93
8) Chloroethane	2.834	64	3555	0.775	ug/L	95
9) Trichlorofluoromethane	3.170	101	4521	0.883	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	800	0.251	ug/L #	58
12) 1,1-Dichloroethene	3.946	96	1541	0.523	ug/L #	1
13) Acetone	4.034	43	1440	1.292	ug/L	90
14) Carbon disulfide	4.270	76	8484	0.781	ug/L #	93
15) Methyl Acetate	4.546	43	385	0.231	ug/L #	62
16) Methylene chloride	4.805	84	6182	1.552	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	1341	0.413	ug/L	84
18) Methyl tert-butyl Ether	5.317	73	3803	0.503	ug/L #	79
19) 1,1-Dichloroethane	6.117	63	2406	0.423	ug/L #	87
20) cis-1,2-Dichloroethene	7.087	96	3166	0.889	ug/L	85
22) 2-Butanone	7.081	43	1041	0.772	ug/L #	44
23) Bromochloromethane	7.428	128	357	0.227	ug/L #	68
25) Chloroform	7.593	83	10759	1.734	ug/L	93

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 Response via : Initial Calibration

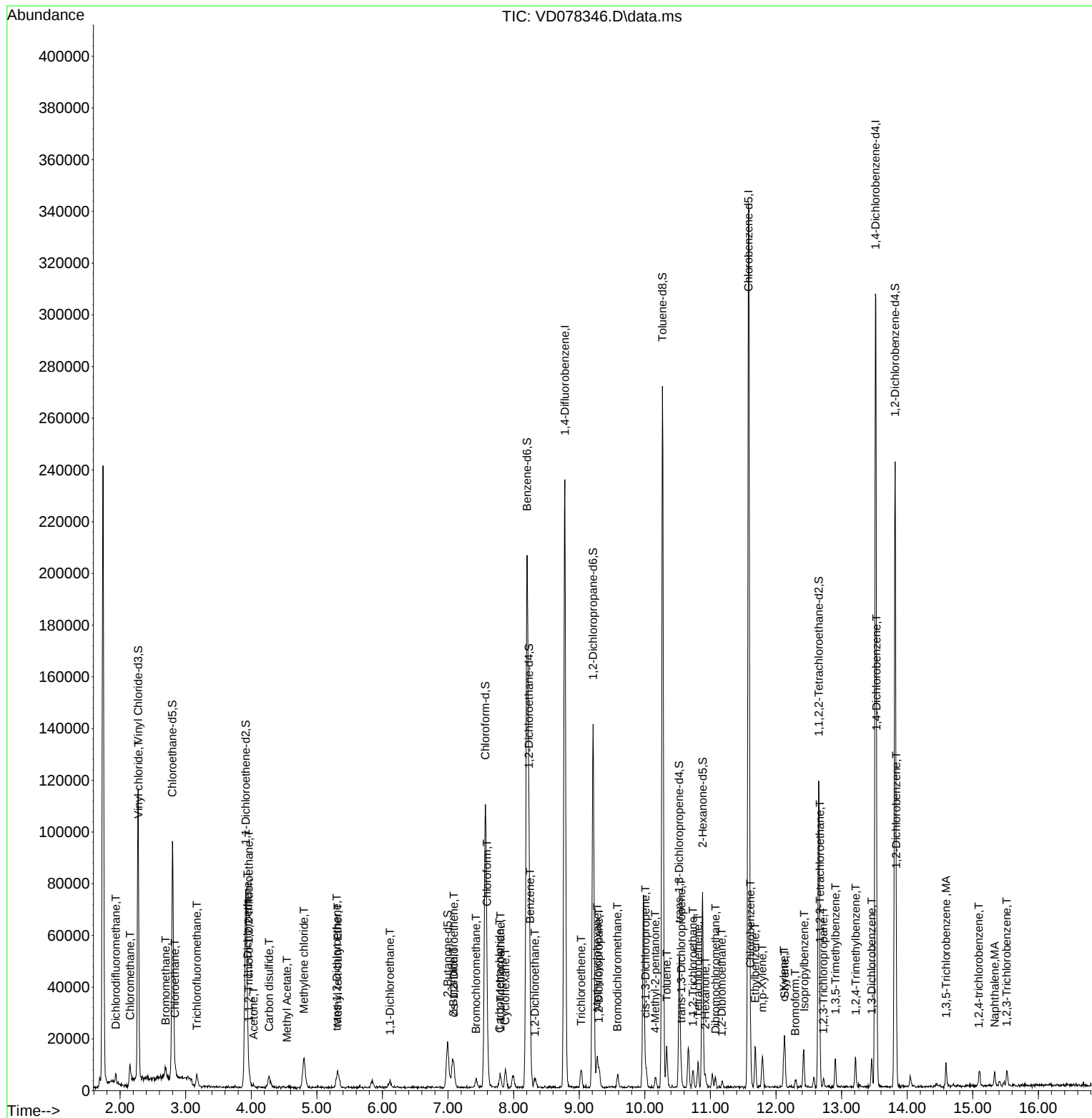
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	2982	0.748	ug/L #	69
29) Cyclohexane	7.875	56	2912	0.654	ug/L #	83
30) 1,1,1-Trichloroethane	7.799	97	2058	0.426	ug/L #	37
31) Carbon tetrachloride	7.787	117	327	0.077	ug/L	99
33) Benzene	8.252	78	11180	0.842	ug/L	100
34) Trichloroethene	9.028	95	2651	0.790	ug/L	81
35) Methylcyclohexane	9.275	83	3887	0.741	ug/L #	78
37) 1,2-Dichloropropane	9.299	63	2001	0.572	ug/L #	87
38) Bromodichloromethane	9.581	83	3599	0.788	ug/L #	71
39) cis-1,3-Dichloropropene	10.010	75	998	0.183	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	2615	1.203	ug/L #	83
42) Toluene	10.334	91	10985	0.795	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	4735	0.993	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	2293	0.822	ug/L	85
46) Tetrachloroethene	10.810	164	1754	0.762	ug/L	84
48) 2-Hexanone	10.922	43	2705	1.526	ug/L #	80
49) Dibromochloromethane	11.081	129	2178	0.695	ug/L #	67
50) 1,2-Dibromoethane	11.175	107	1836	0.675	ug/L #	96
51) Chlorobenzene	11.610	112	7405	0.828	ug/L #	87
52) Ethylbenzene	11.681	91	10705	0.721	ug/L	86
53) m,p-Xylene	11.793	106	3728	0.653	ug/L	89
54) o-Xylene	12.122	106	3315	0.603	ug/L	87
55) Styrene	12.134	104	5878	0.592	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	3091	0.865	ug/L #	91
59) Bromoform	12.293	173	679	0.423	ug/L #	69
60) Isopropylbenzene	12.428	105	9127	0.754	ug/L	94
61) 1,2,3-Trichloropropane	12.722	75	1640	0.803	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	5827	0.616	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	6099	0.651	ug/L	93
64) 1,3-Dichlorobenzene	13.457	146	4254	0.788	ug/L #	86
65) 1,4-Dichlorobenzene	13.534	146	5397	0.955	ug/L	91
67) 1,2-Dichlorobenzene	13.834	146	4634	0.907	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.593	180	2833	0.852	ug/L	92
70) 1,2,4-trichlorobenzene	15.092	180	2514	0.874	ug/L	92
71) Naphthalene	15.334	128	5255	0.781	ug/L	95
72) 1,2,3-Trichlorobenzene	15.516	180	2418	0.901	ug/L	91

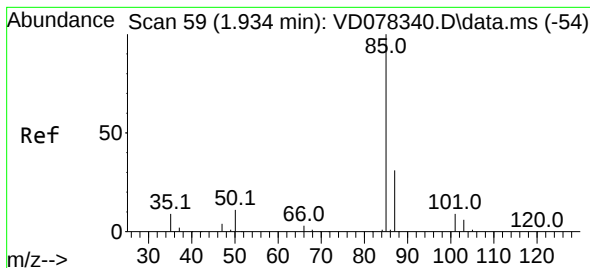
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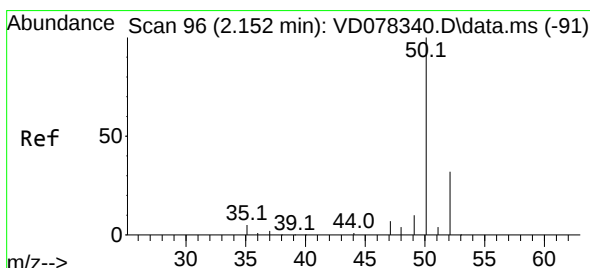
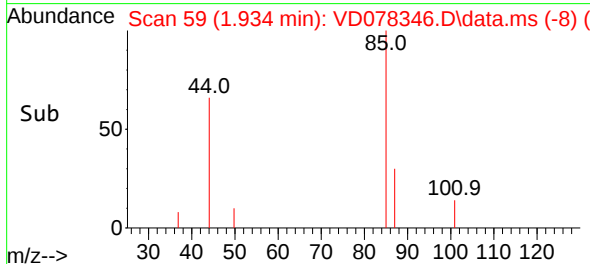
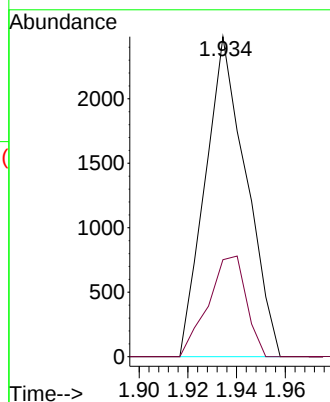
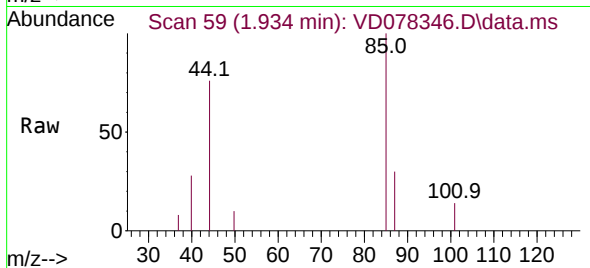




#2
Dichlorodifluoromethane
Concen: 0.723 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

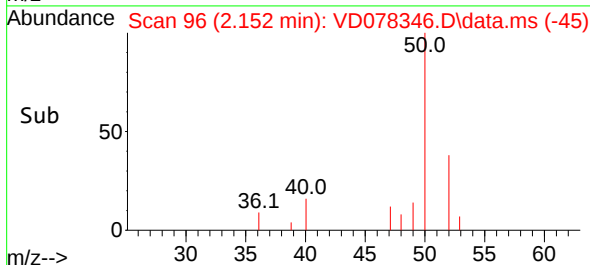
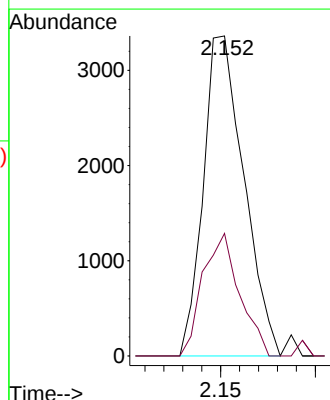
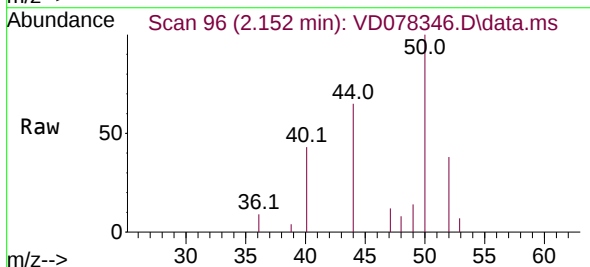
Instrument :
MSVOA_D
ClientSampleId :

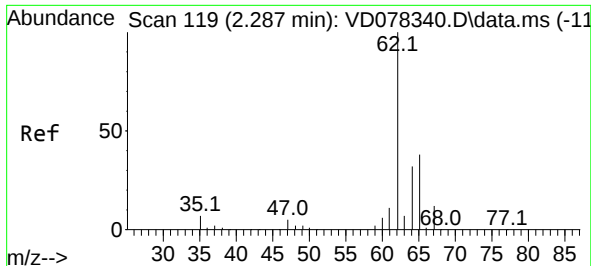
Tgt Ion: 85 Resp: 2898
Ion Ratio Lower Upper
85 100
87 29.3 25.3 37.9



#3
Chloromethane
Concen: 0.859 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 50 Resp: 5006
Ion Ratio Lower Upper
50 100
52 38.3 22.7 42.3

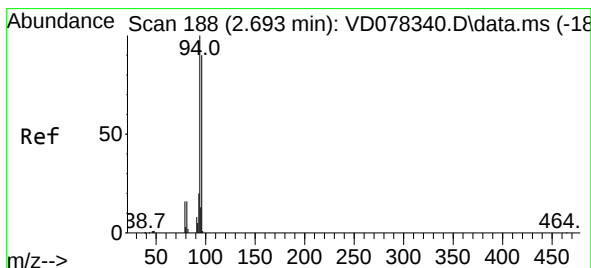
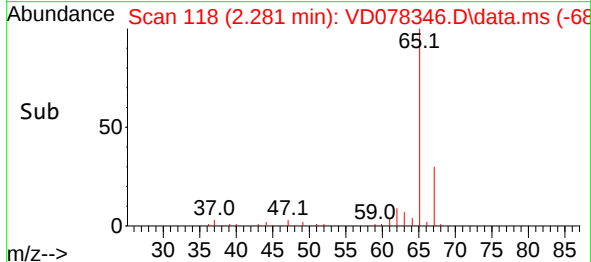
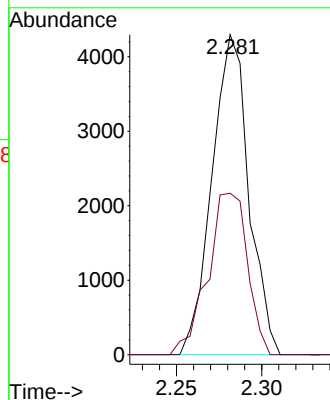
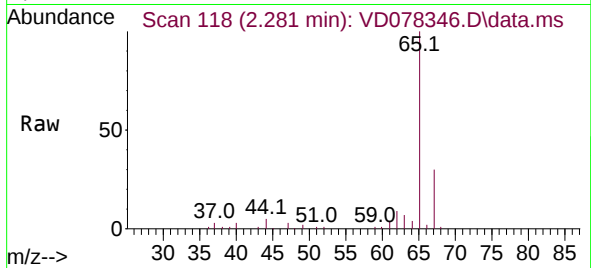




#5
 Vinyl chloride
 Concen: 0.898 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078346.D
 Acq: 05 Feb 2024 14:13

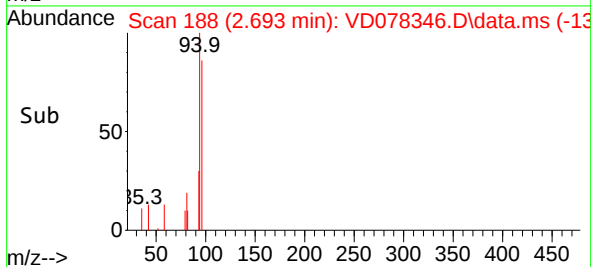
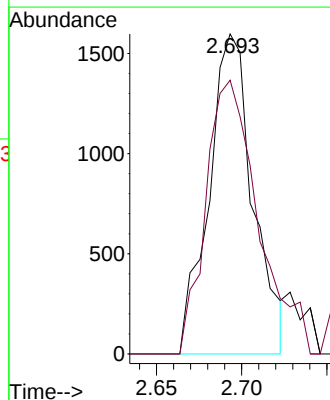
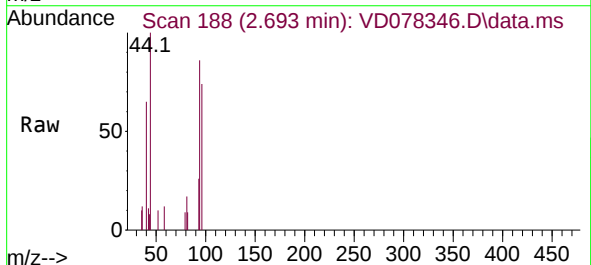
Instrument :
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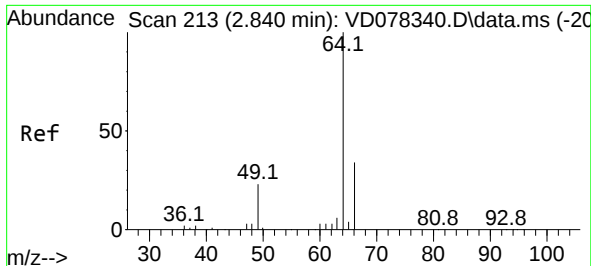
Tgt Ion: 62 Resp: 6467
 Ion Ratio Lower Upper
 62 100
 64 50.4 21.7 40.3#



#6
 Bromomethane
 Concen: 0.881 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD078346.D
 Acq: 05 Feb 2024 14:13

Tgt Ion: 94 Resp: 2878
 Ion Ratio Lower Upper
 94 100
 96 85.5 64.8 120.4

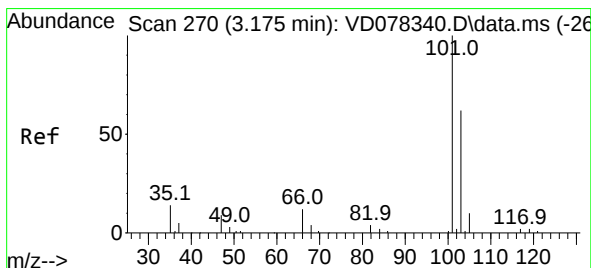
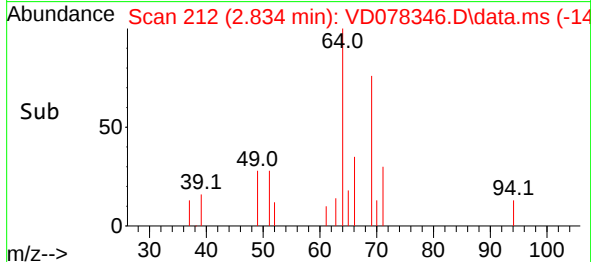
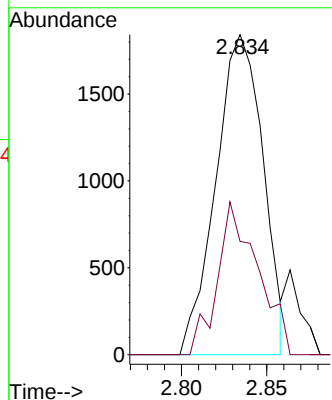
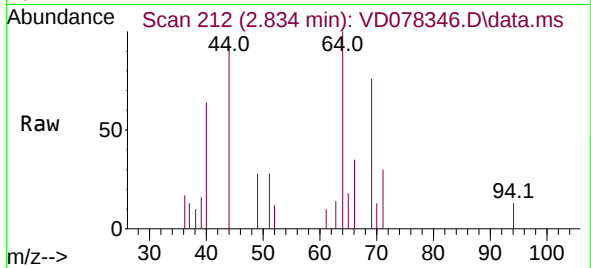




#8
Chloroethane
Concen: 0.775 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

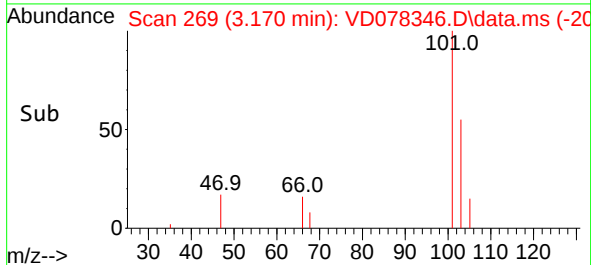
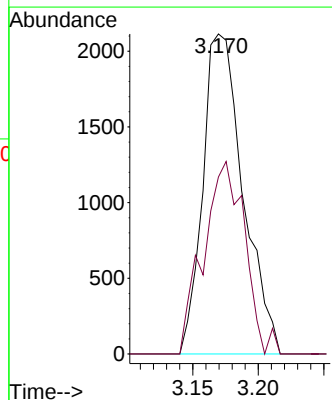
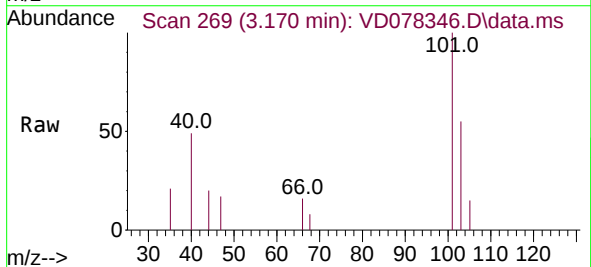
Instrument :
MSVOA_D
ClientSampleId :

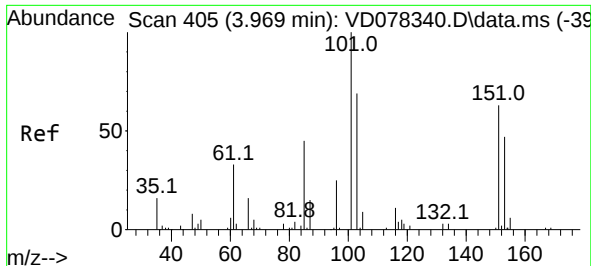
Tgt Ion: 64 Resp: 3555
Ion Ratio Lower Upper
64 100
66 35.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 0.883 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 101 Resp: 4521
Ion Ratio Lower Upper
101 100
103 60.3 51.1 76.7

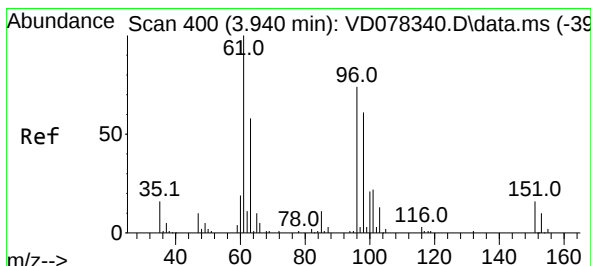
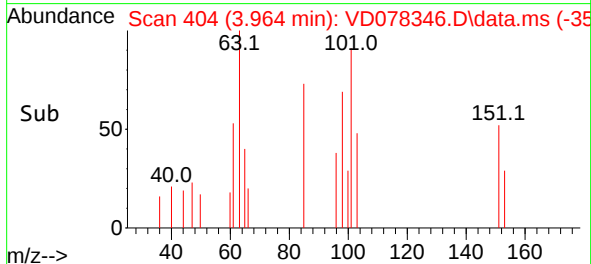
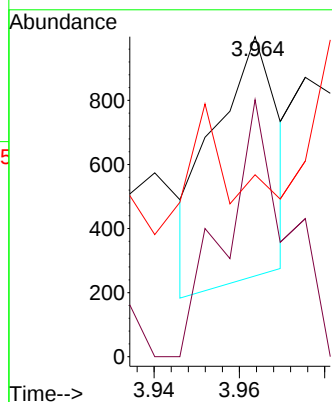
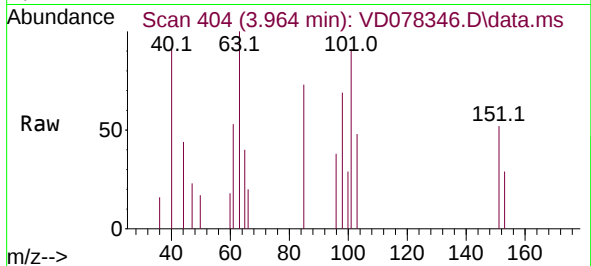




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.251 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078346.D
 Acq: 05 Feb 2024 14:13

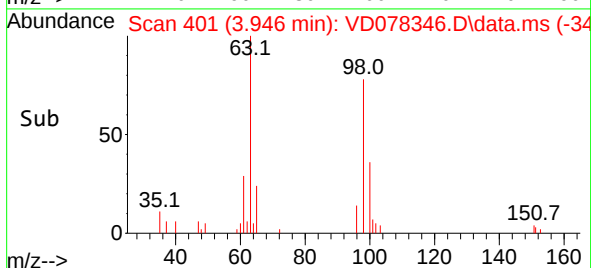
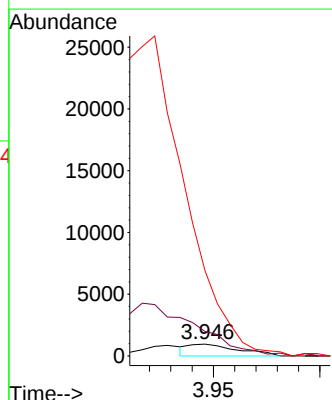
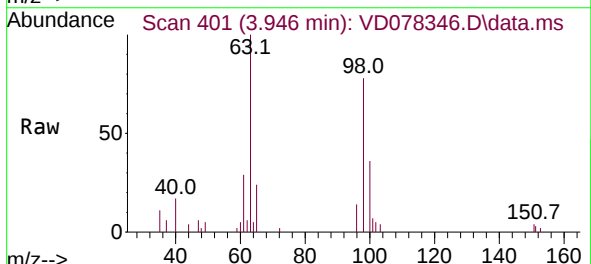
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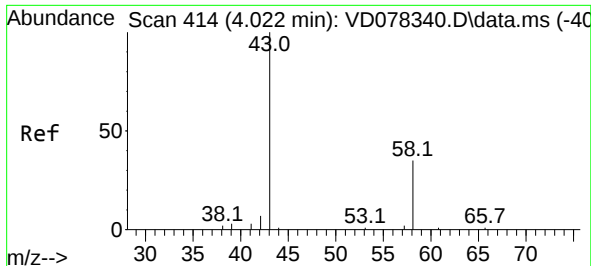
Tgt Ion:101 Resp: 800
 Ion Ratio Lower Upper
 101 100
 85 101.3 34.6 51.8#
 151 77.0 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 0.523 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD078346.D
 Acq: 05 Feb 2024 14:13

Tgt Ion: 96 Resp: 1541
 Ion Ratio Lower Upper
 96 100
 61 205.4 108.8 202.2#
 63 717.7 65.2 121.0#





#13

Acetone

Concen: 1.292 ug/L

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

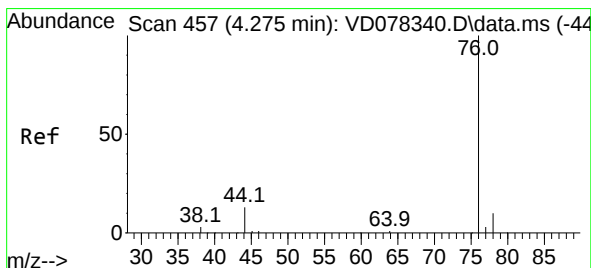
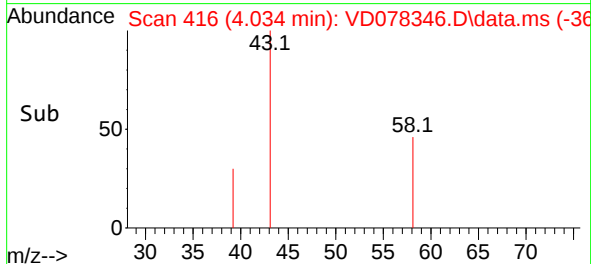
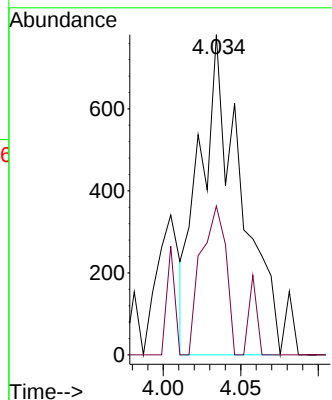
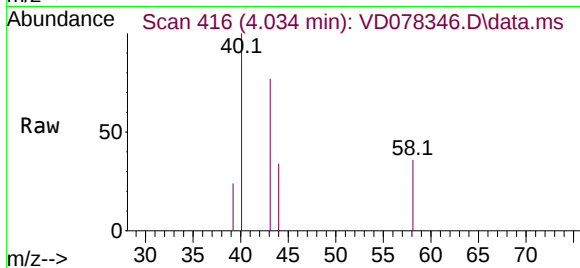
ClientSampleId :

Tgt Ion: 43 Resp: 1440

Ion Ratio Lower Upper

43 100

58 28.1 0.0 67.2



#14

Carbon disulfide

Concen: 0.781 ug/L

RT: 4.270 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078346.D

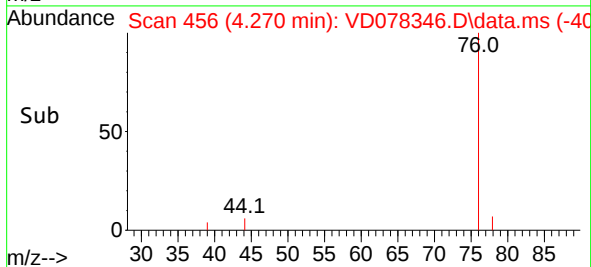
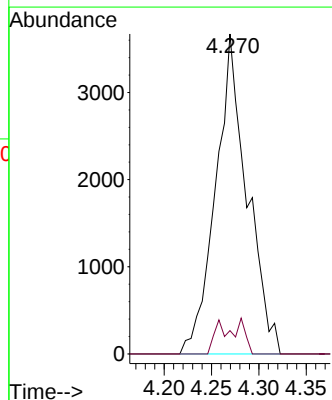
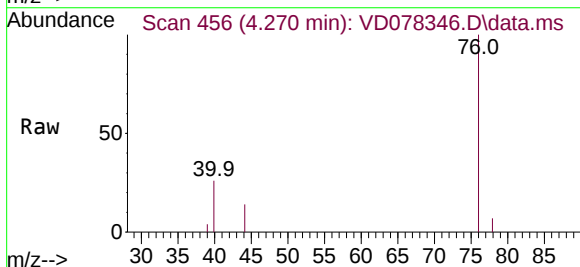
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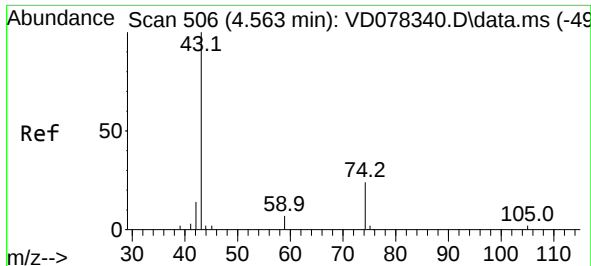
Tgt Ion: 76 Resp: 8484

Ion Ratio Lower Upper

76 100

78 7.3 7.8 11.8#

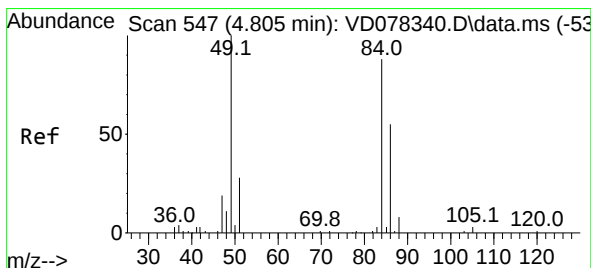
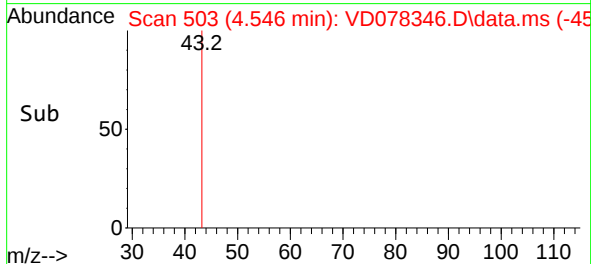
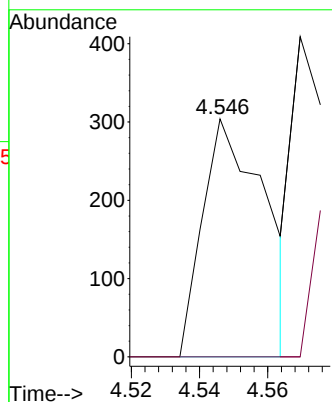
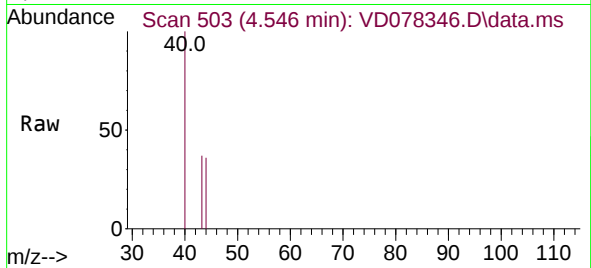




#15
Methyl Acetate
Concen: 0.231 ug/L
RT: 4.546 min Scan# 506
Delta R.T. -0.017 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

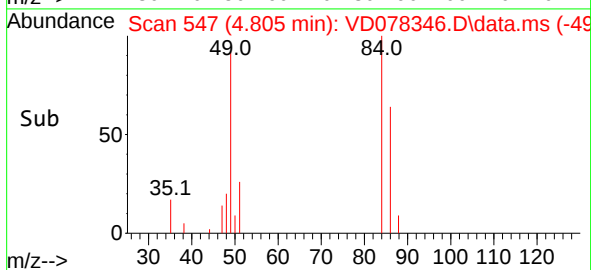
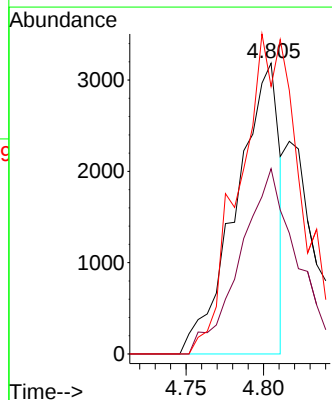
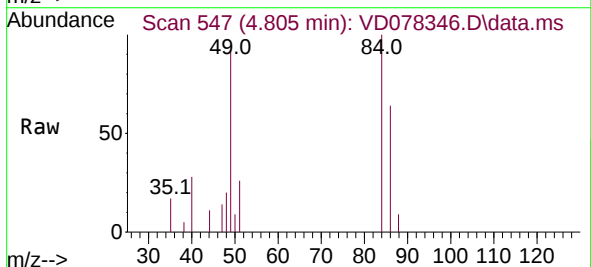
Instrument :
MSVOA_D
ClientSampleId :

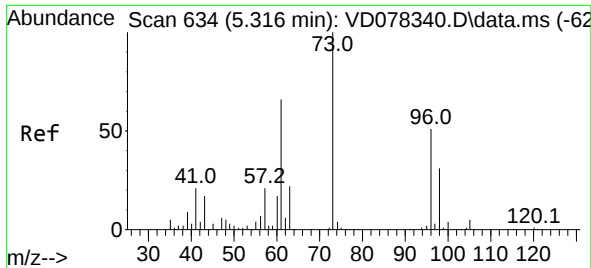
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 0.0 12.7 19.1#



#16
Methylene chloride
Concen: 1.552 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 84 Resp: 6182
Ion Ratio Lower Upper
84 100
86 63.8 45.4 84.2
49 92.0 77.3 143.7

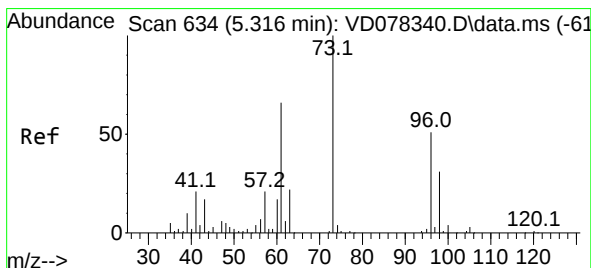
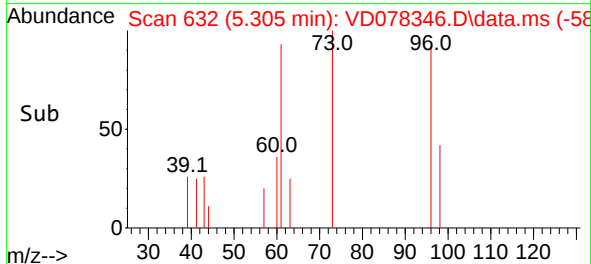
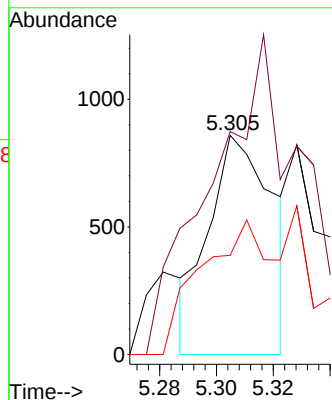
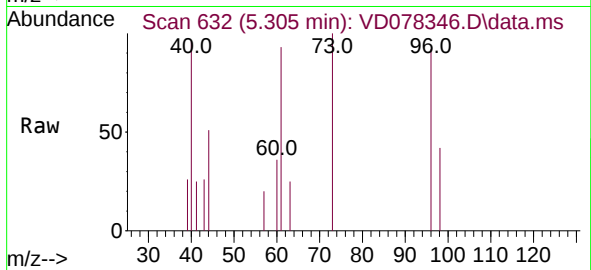




#17
trans-1,2-Dichloroethene
Concen: 0.413 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

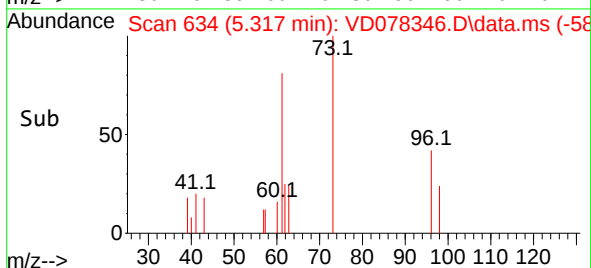
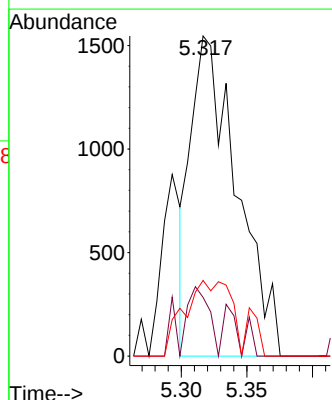
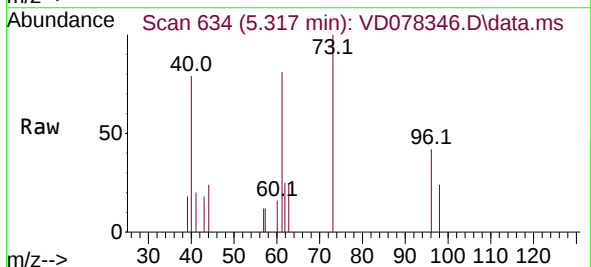
Instrument :
MSVOA_D
ClientSampleId :

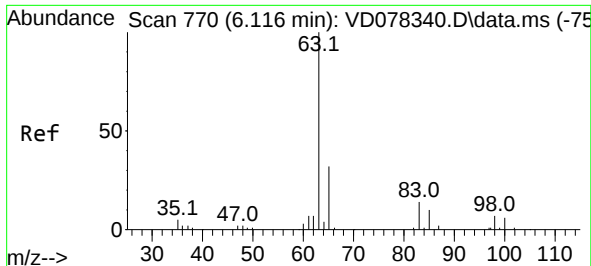
Tgt Ion: 96 Resp: 1341
Ion Ratio Lower Upper
96 100
61 101.6 82.7 153.7
98 45.3 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 0.503 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 73 Resp: 3803
Ion Ratio Lower Upper
73 100
43 10.0 13.3 19.9#
57 9.2 17.2 25.8#





#19

1,1-Dichloroethane

Concen: 0.423 ug/L

RT: 6.117 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD078346.D

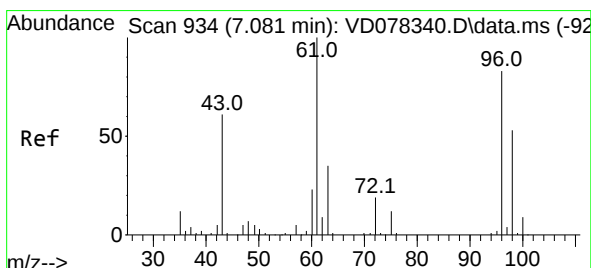
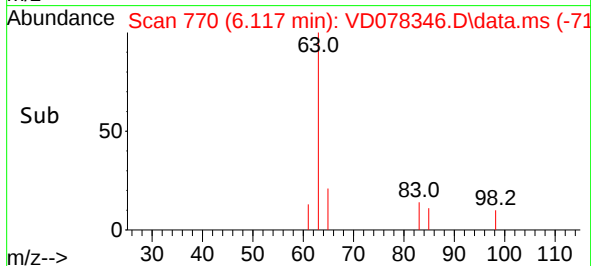
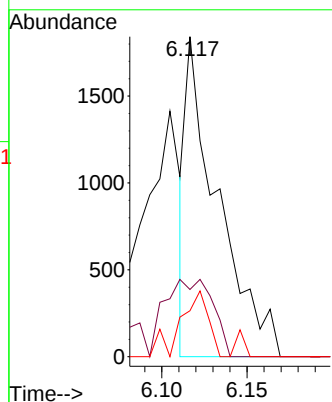
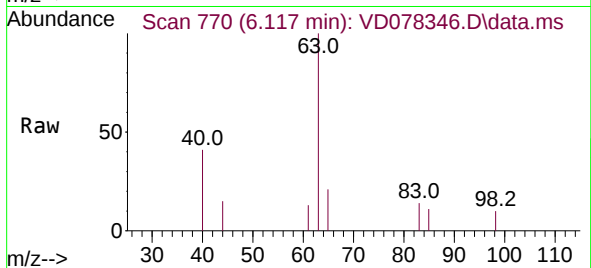
Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63	Resp: 2406
Ion Ratio	Lower Upper
63 100	
65 21.0	21.8 40.4#
83 14.4	10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 0.889 ug/L

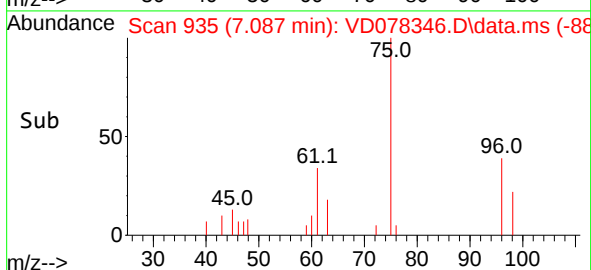
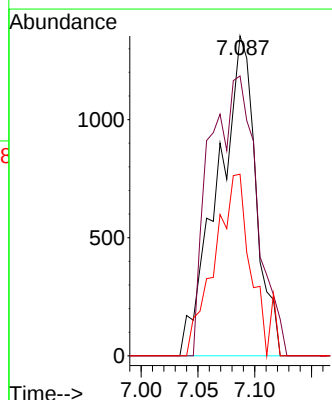
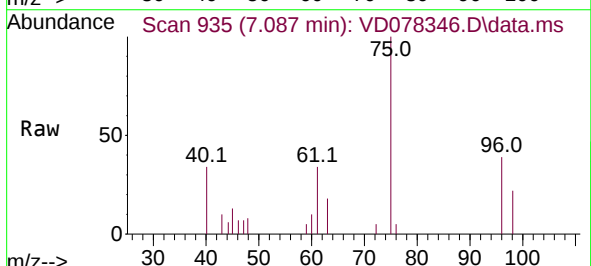
RT: 7.087 min Scan# 935

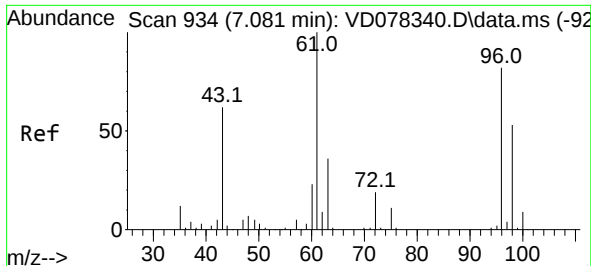
Delta R.T. 0.006 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Tgt Ion: 96	Resp: 3166
Ion Ratio	Lower Upper
96 100	
61 87.5	75.6 140.4
98 56.8	43.1 80.1

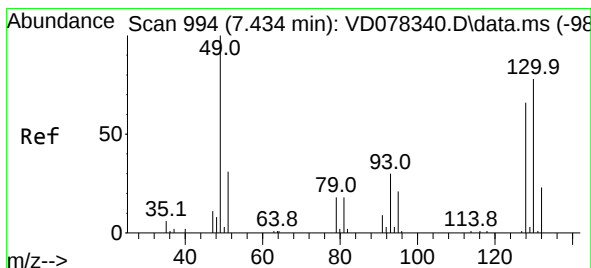
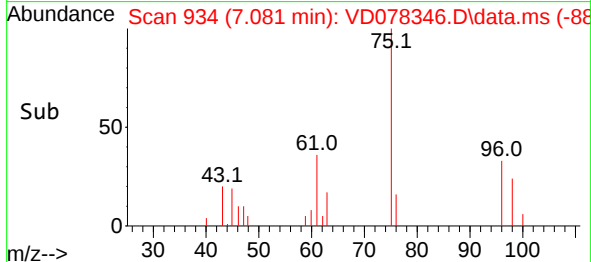
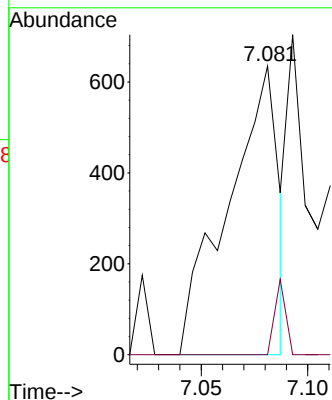
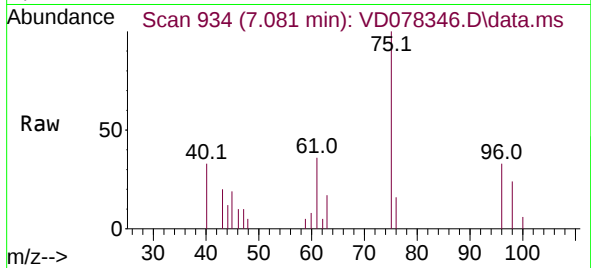




#22
2-Butanone
Concen: 0.772 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

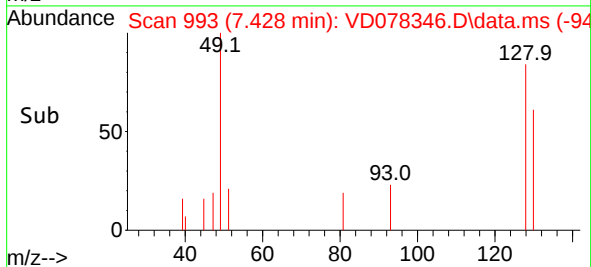
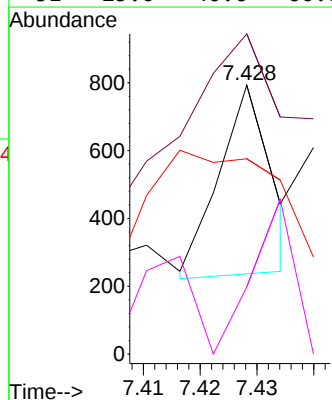
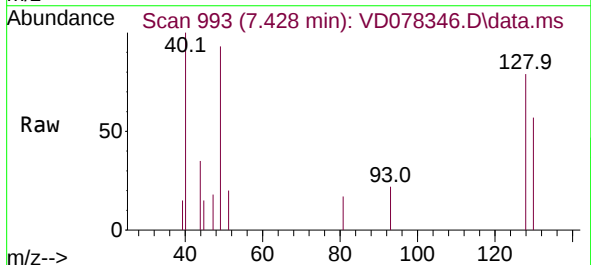
Instrument :
MSVOA_D
ClientSampleId :

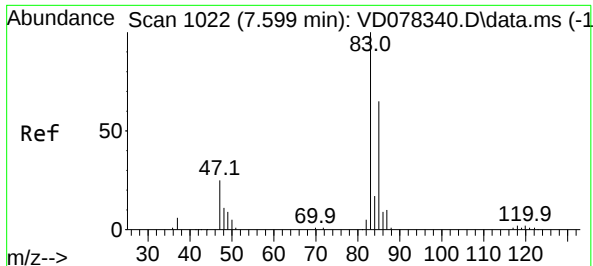
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
72 0.0 15.4 46.2#



#23
Bromochloromethane
Concen: 0.227 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 128 Resp: 357
Ion Ratio Lower Upper
128 100
49 119.0 102.7 190.7
130 72.6 82.6 153.4#
51 25.0 40.6 60.8#





#25

Chloroform

Concen: 1.734 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

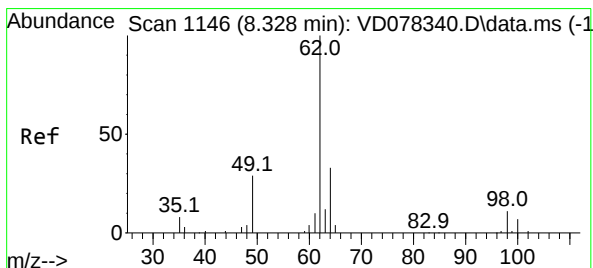
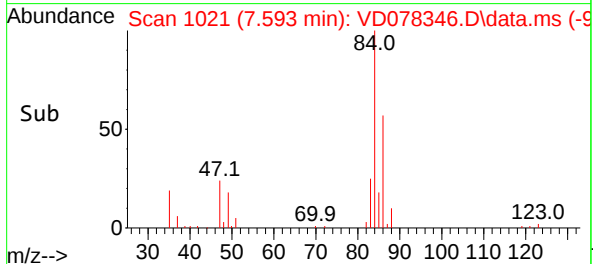
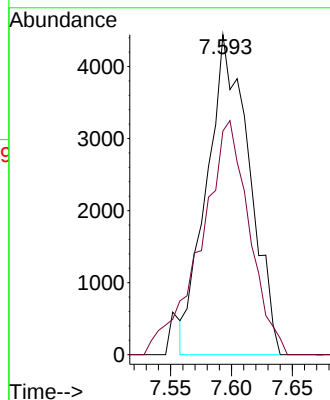
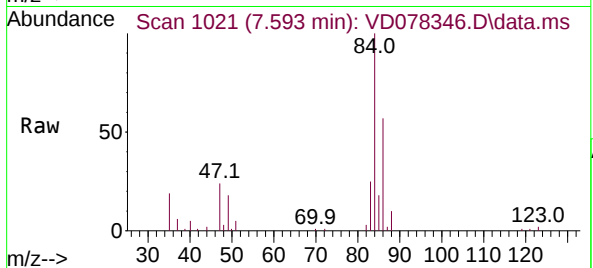
ClientSampleId :

Tgt Ion: 83 Resp: 10759

Ion Ratio Lower Upper

83 100

85 69.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.748 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD078346.D

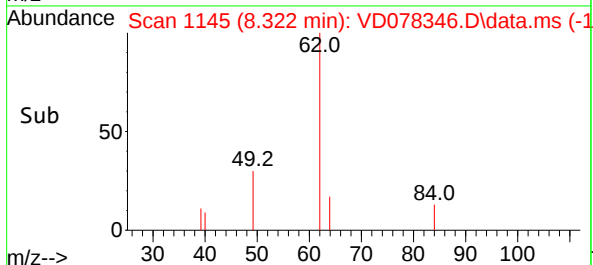
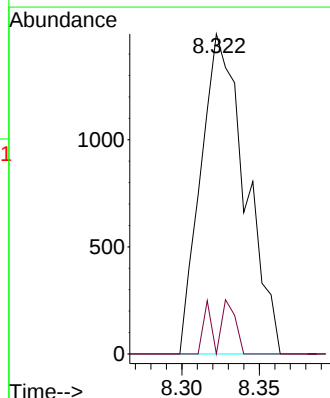
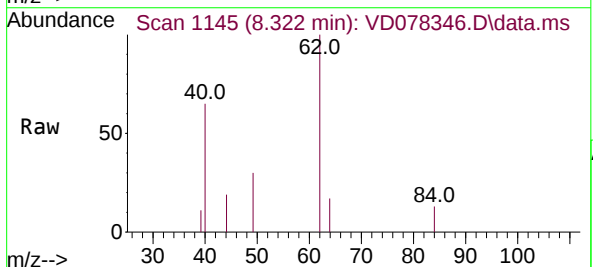
Acq: 05 Feb 2024 14:13

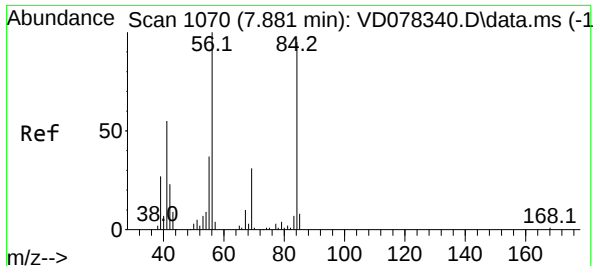
Tgt Ion: 62 Resp: 2982

Ion Ratio Lower Upper

62 100

98 0.0 9.5 14.3#





#29

Cyclohexane

Concen: 0.654 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

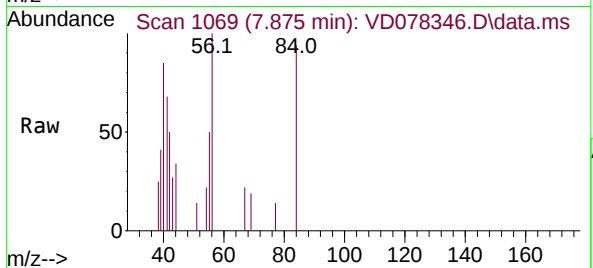
Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

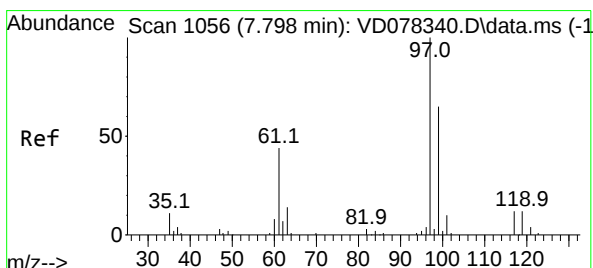
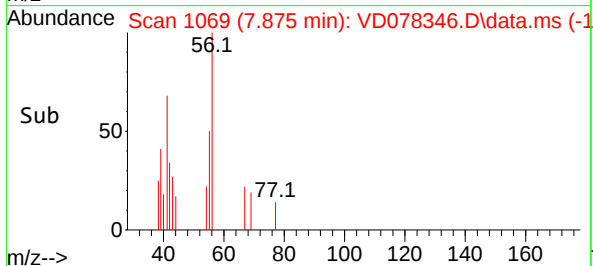
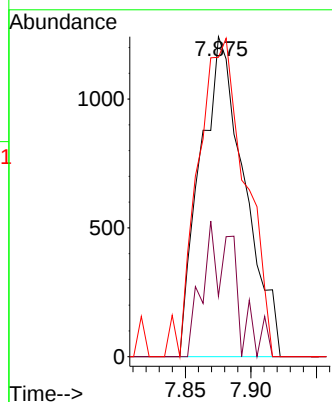
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	2912
Ion Ratio	Lower	Upper	
56	100		
69	11.3	23.3	34.9#
84	104.6	74.7	112.1



#30

1,1,1-Trichloroethane

Concen: 0.426 ug/L

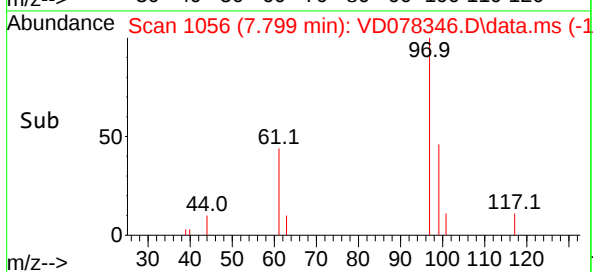
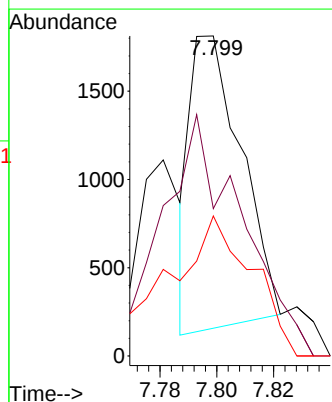
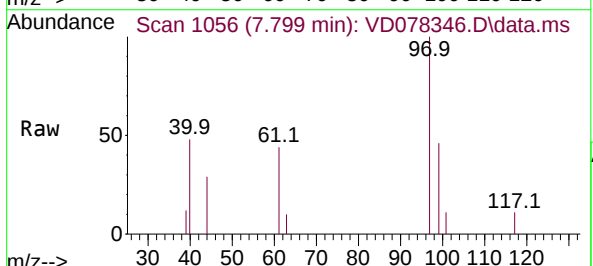
RT: 7.799 min Scan# 1056

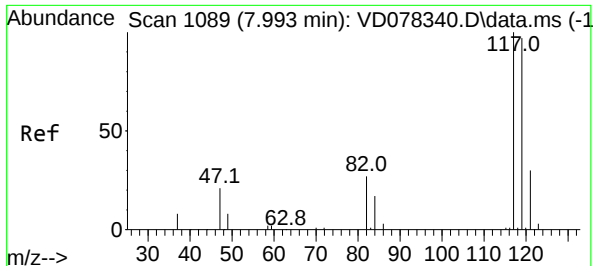
Delta R.T. 0.000 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Tgt Ion:	97	Resp:	2058
Ion Ratio	Lower	Upper	
97	100		
99	137.8	50.7	76.1#
61	52.8	34.4	51.6#

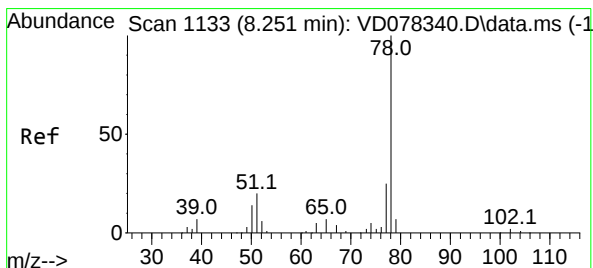
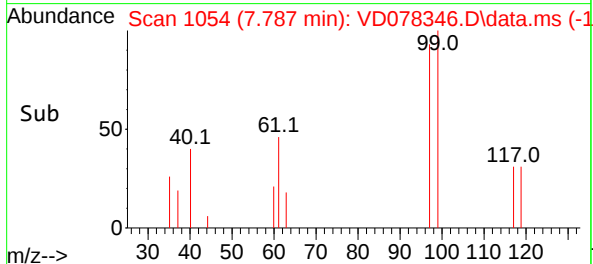
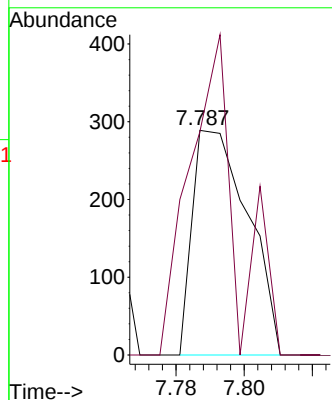
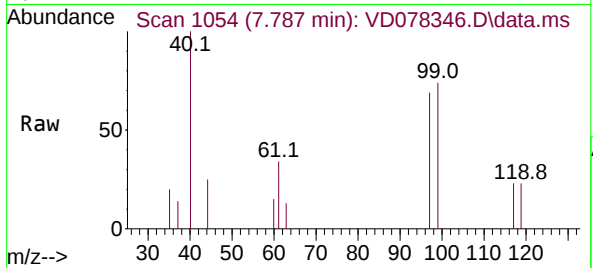




#31
Carbon tetrachloride
Concen: 0.077 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.206 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

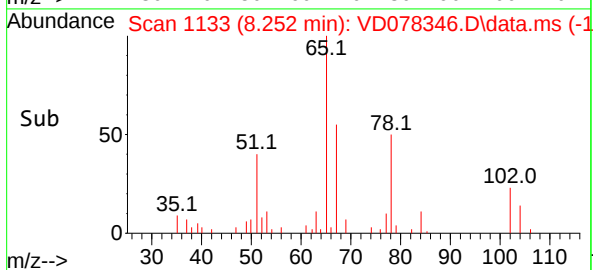
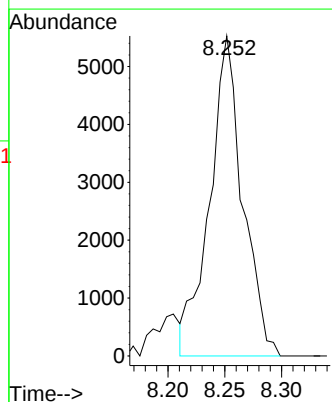
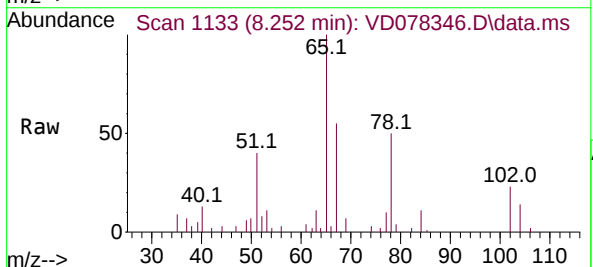
Instrument :
MSVOA_D
ClientSampleId :

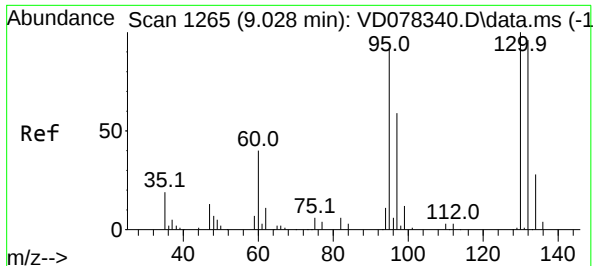
Tgt Ion:117 Resp: 327
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4



#33
Benzene
Concen: 0.842 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 78 Resp: 11180



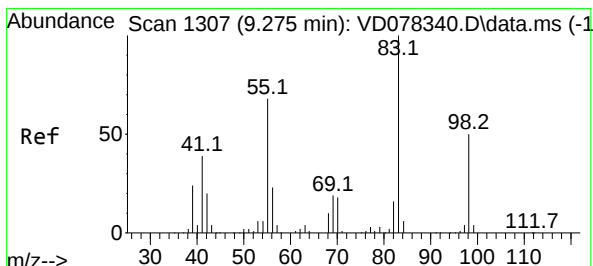
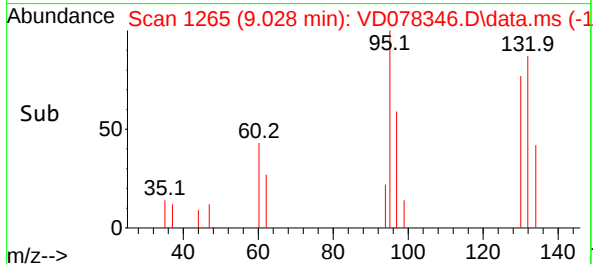
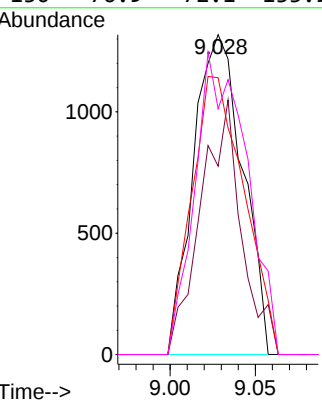
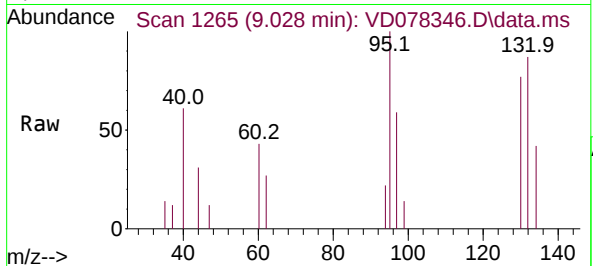


#34
Trichloroethene
Concen: 0.790 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 2651

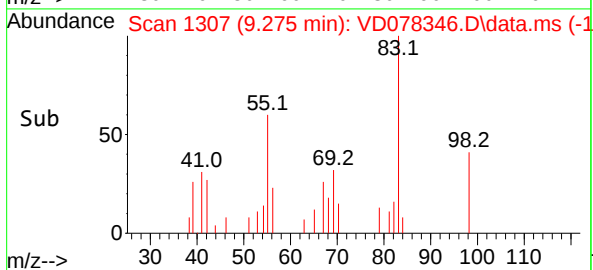
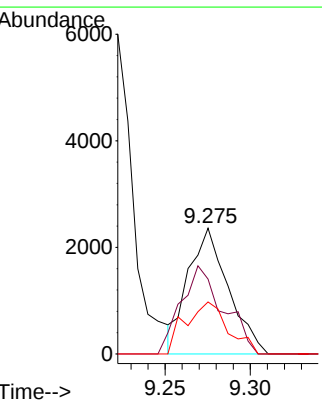
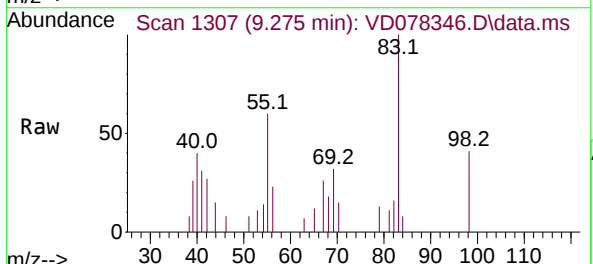
Ion	Ratio	Lower	Upper
95	100		
97	58.9	46.9	87.1
132	86.6	73.7	136.9
130	76.9	72.1	133.9

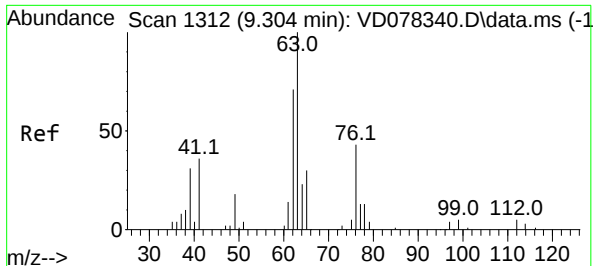


#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 83 Resp: 3887

Ion	Ratio	Lower	Upper
83	100		
55	64.1	56.2	84.4
98	21.5	41.2	61.8





#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

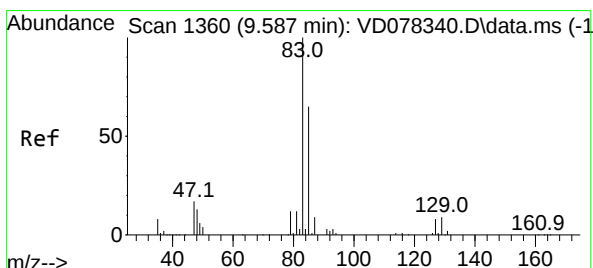
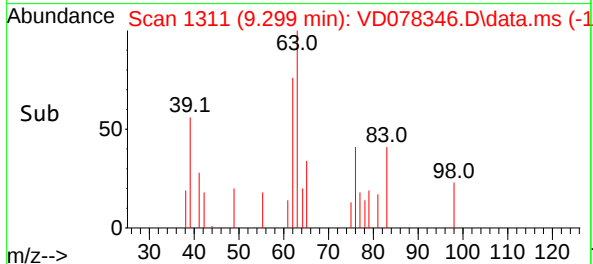
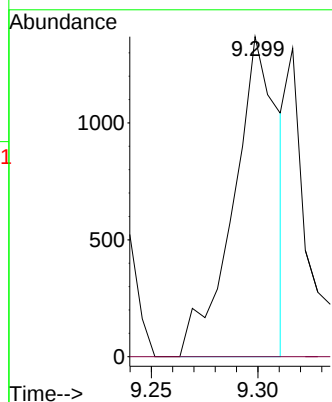
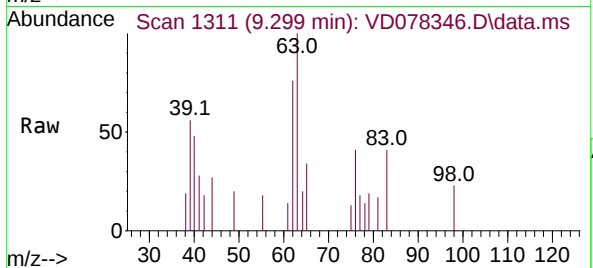
ClientSampleId :

Tgt Ion: 63 Resp: 2001

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.788 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

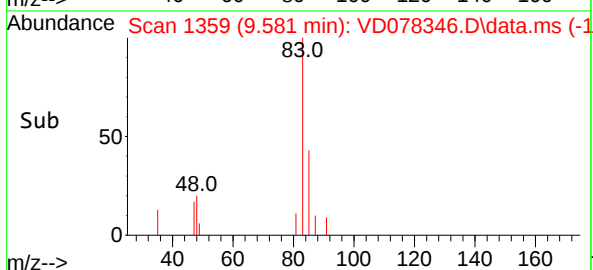
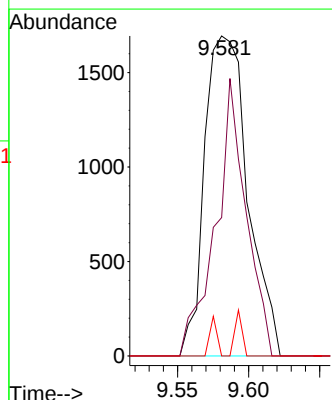
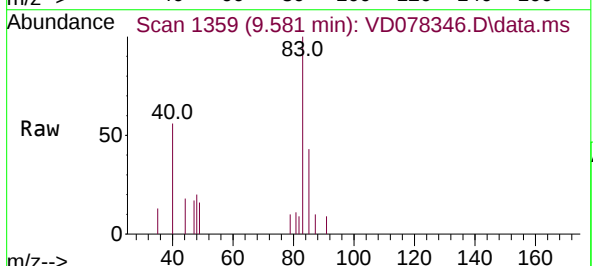
Tgt Ion: 83 Resp: 3599

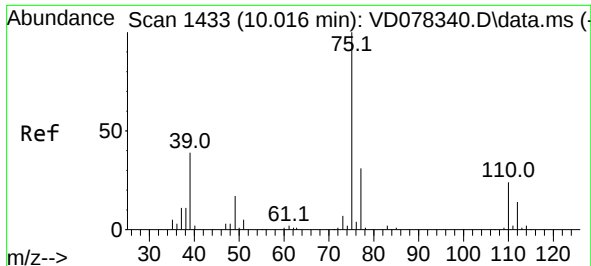
Ion Ratio Lower Upper

83 100

85 43.3 46.6 86.6#

127 0.0 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 0.183 ug/L

RT: 10.010 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

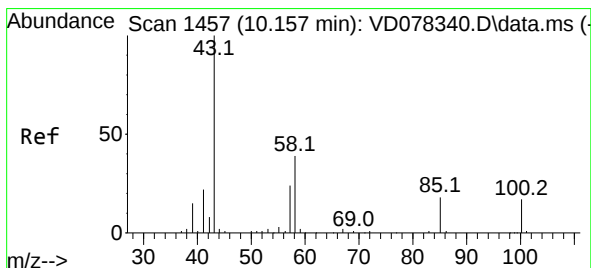
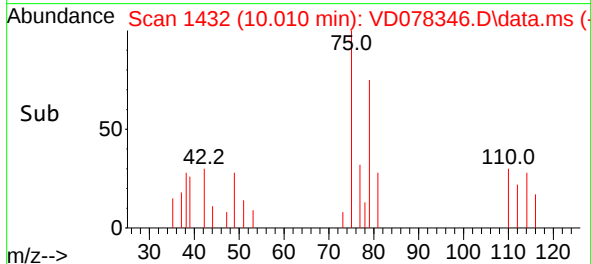
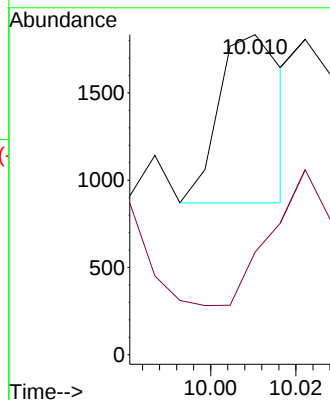
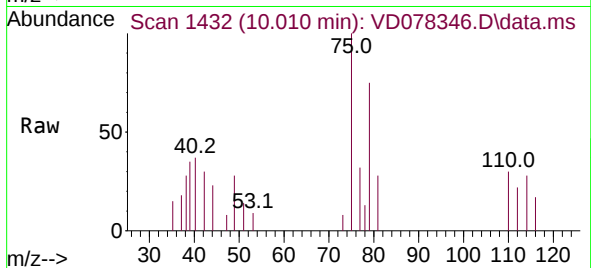
ClientSampleId :

Tgt Ion: 75 Resp: 998

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 1.203 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

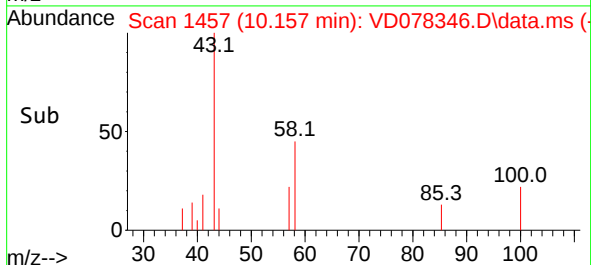
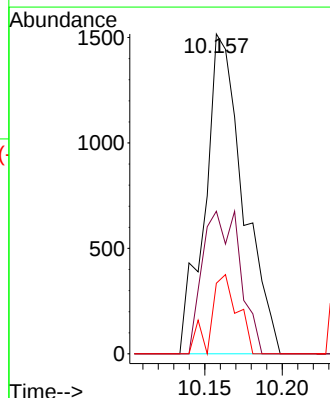
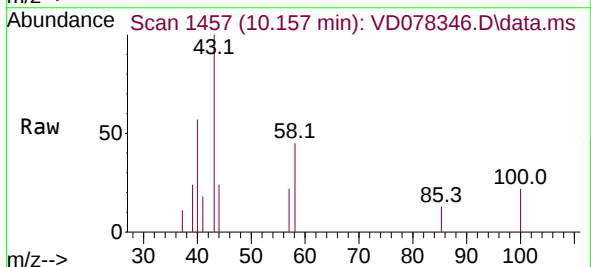
Tgt Ion: 43 Resp: 2615

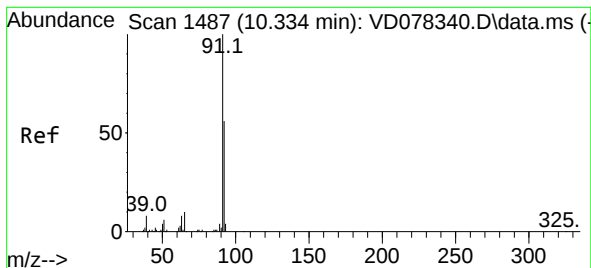
Ion Ratio Lower Upper

43 100

58 28.4 34.0 51.0#

100 15.0 13.2 19.8





#42

Toluene

Concen: 0.795 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

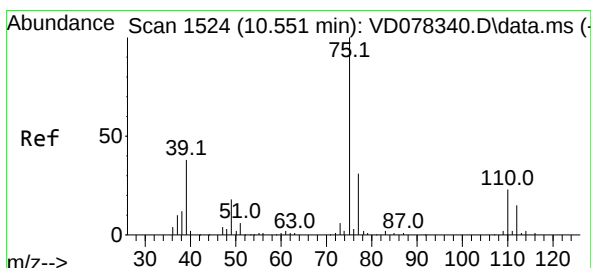
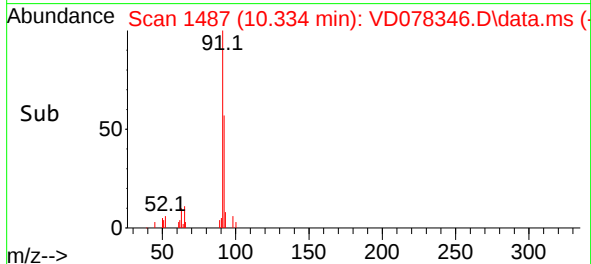
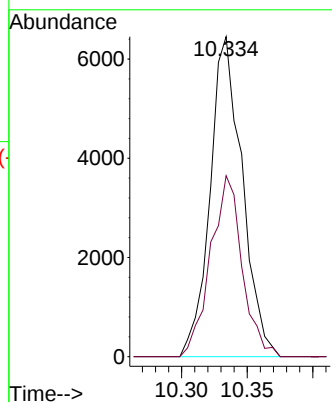
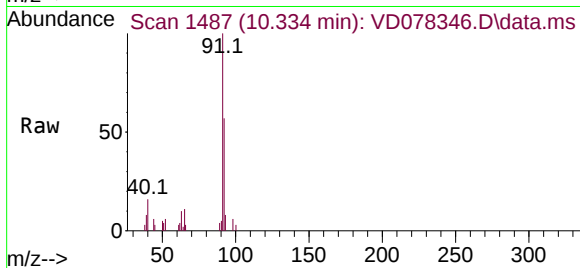
ClientSampleId :

Tgt Ion: 91 Resp: 10985

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.993 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD078346.D

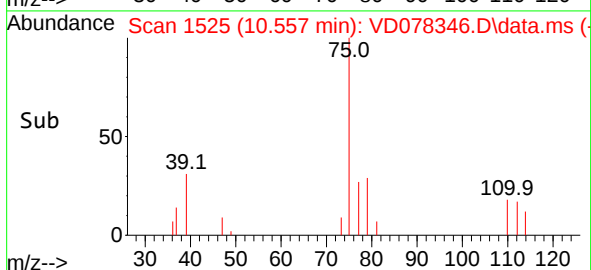
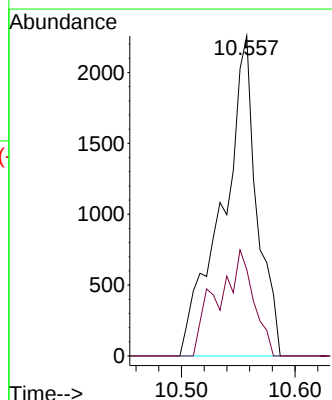
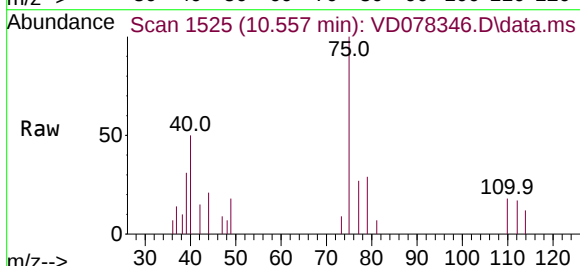
Acq: 05 Feb 2024 14:13

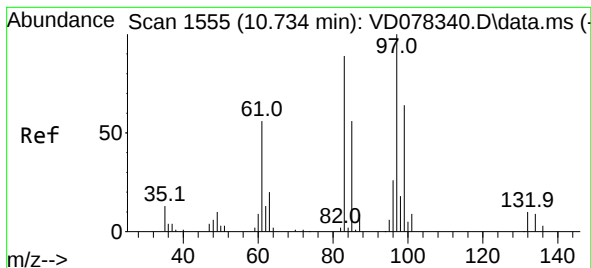
Tgt Ion: 75 Resp: 4735

Ion Ratio Lower Upper

75 100

77 27.0 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 0.822 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 2293

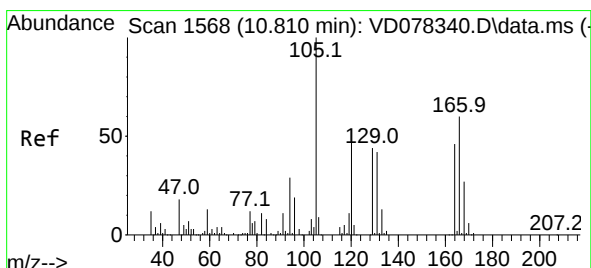
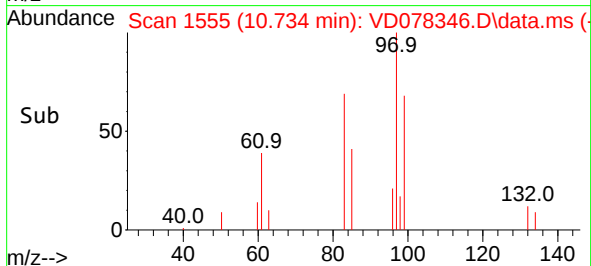
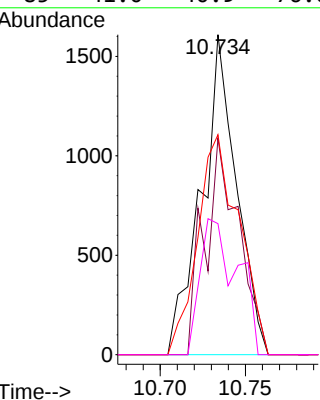
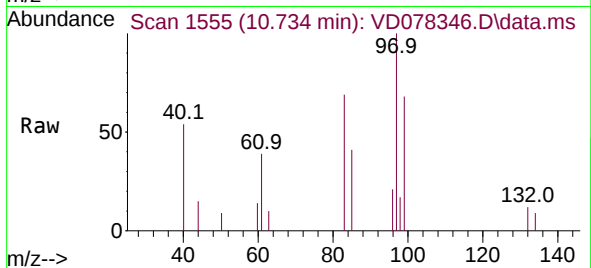
Ion Ratio Lower Upper

97 100

99 67.7 45.4 84.4

83 68.7 59.5 110.5

85 41.0 40.9 76.0



#46

Tetrachloroethene

Concen: 0.762 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Tgt Ion:164 Resp: 1754

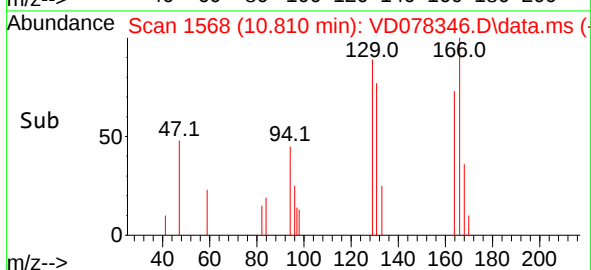
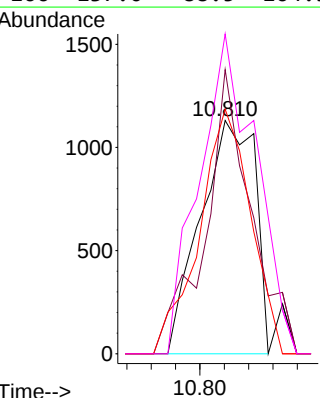
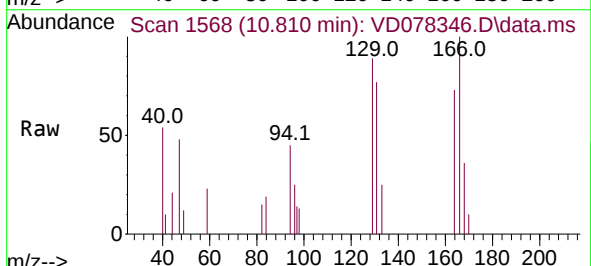
Ion Ratio Lower Upper

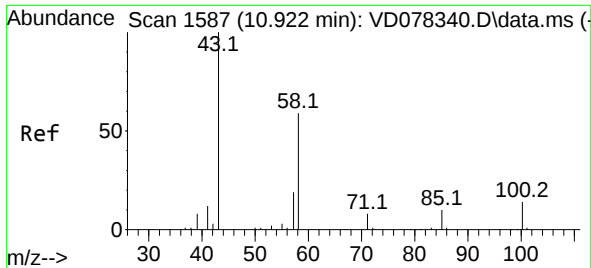
164 100

129 121.8 66.7 123.9

131 104.9 65.2 121.0

166 137.0 88.5 164.3

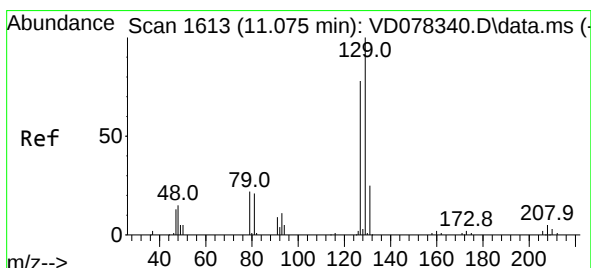
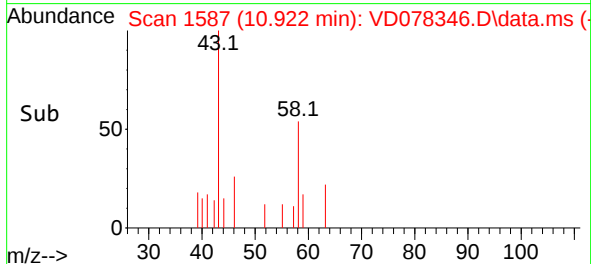
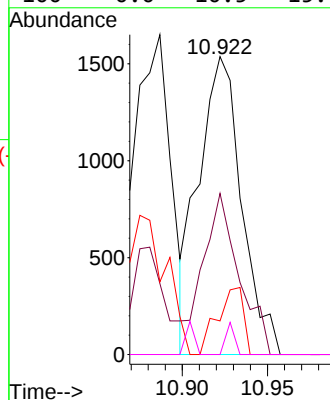
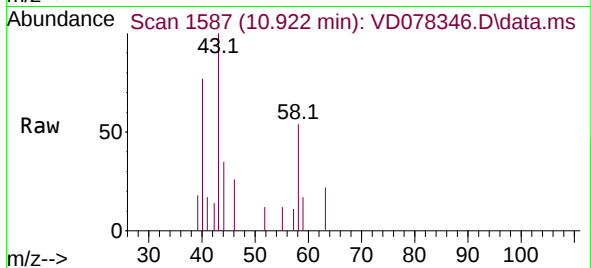




#48
2-Hexanone
Concen: 1.526 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

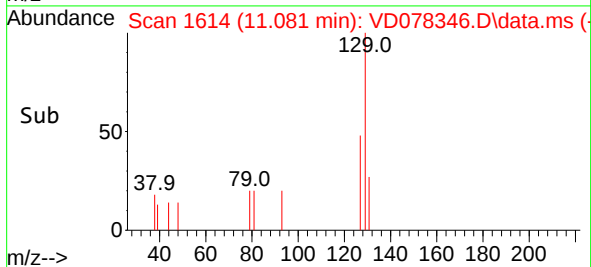
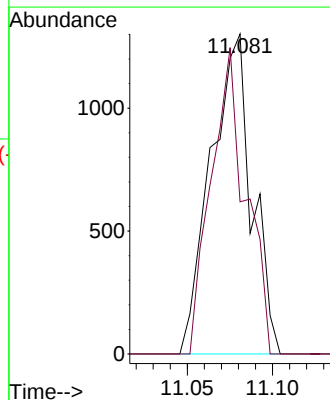
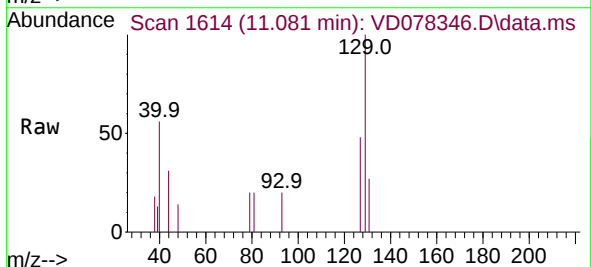
Instrument :
MSVOA_D
ClientSampleId :

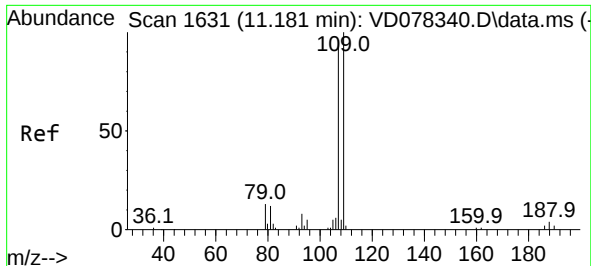
Tgt Ion: 43	Resp: 2705
Ion Ratio	Lower Upper
43 100	
58 45.4	48.5 72.7#
57 13.6	15.6 23.4#
100 0.0	10.5 15.7#



#49
Dibromochloromethane
Concen: 0.695 ug/L
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

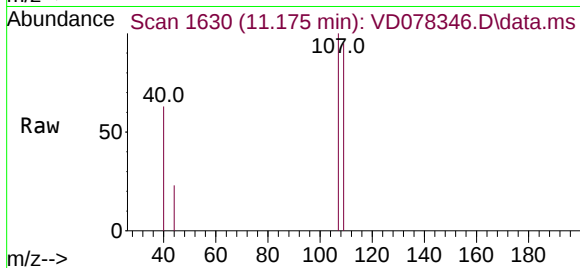
Tgt Ion:129	Resp: 2178		
Ion Ratio	Lower	Upper	
129 100			
127 47.5	52.7	97.9#	



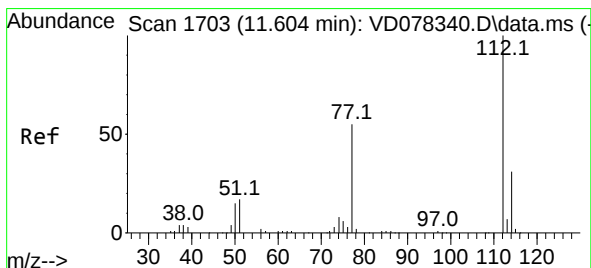
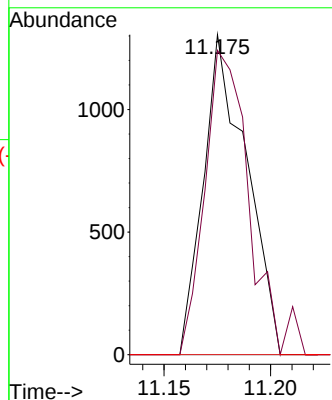
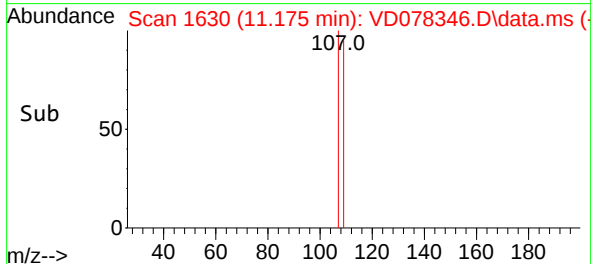


#50
1,2-Dibromoethane
Concen: 0.675 ug/L
RT: 11.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Instrument :
MSVOA_D
ClientSampleId :

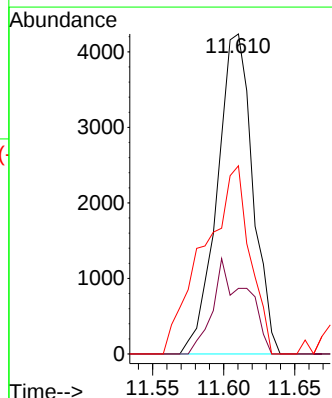
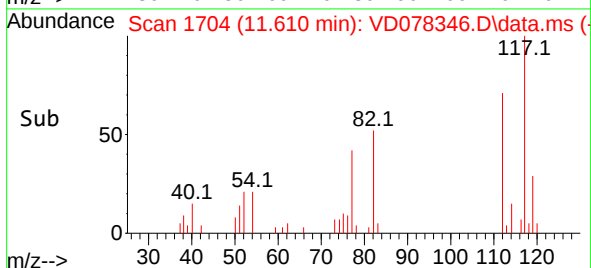
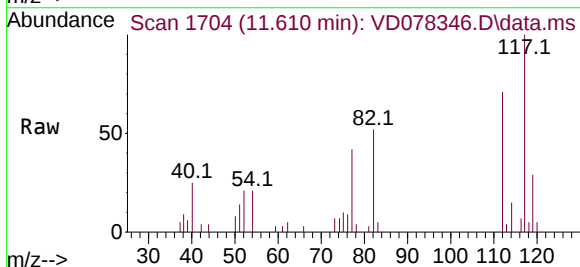


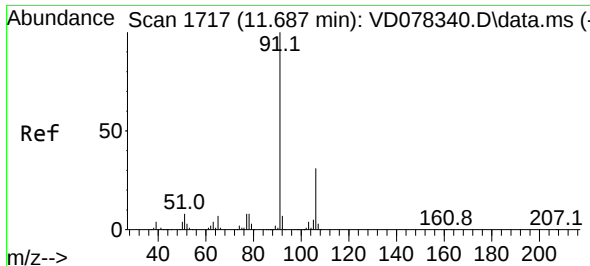
Tgt Ion:107 Resp: 1836
Ion Ratio Lower Upper
107 100
109 95.1 64.0 118.8
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.828 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion:112 Resp: 7405
Ion Ratio Lower Upper
112 100
114 20.5 22.3 41.3#
77 58.8 42.3 63.5

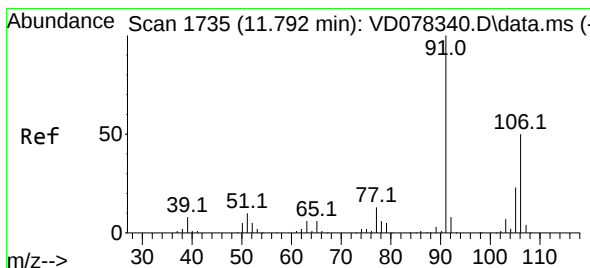
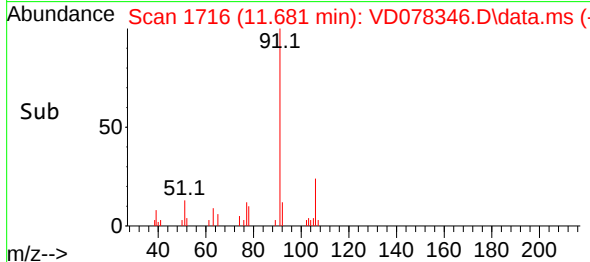
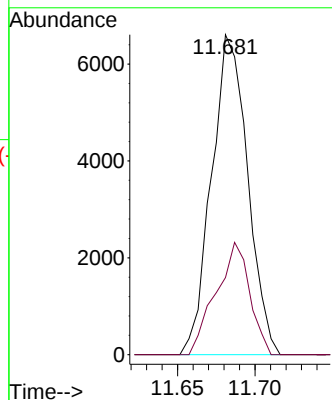
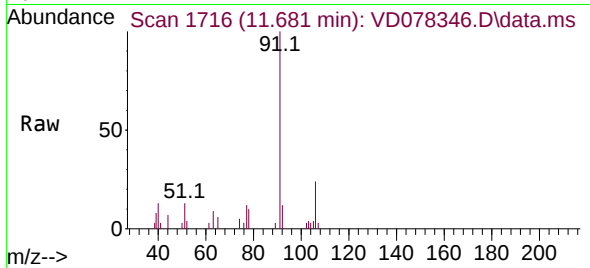




#52
Ethylbenzene
Concen: 0.721 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

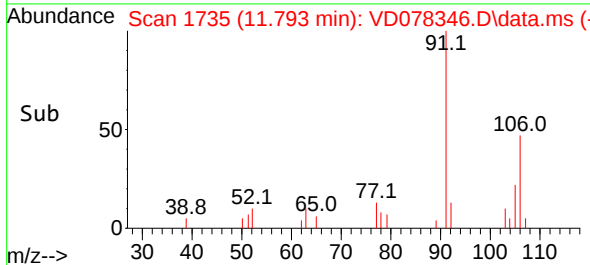
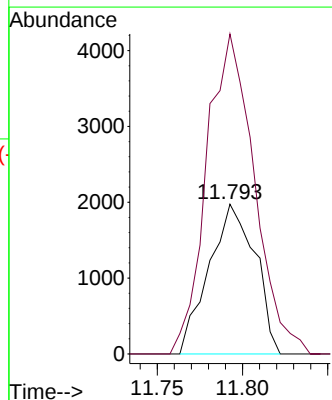
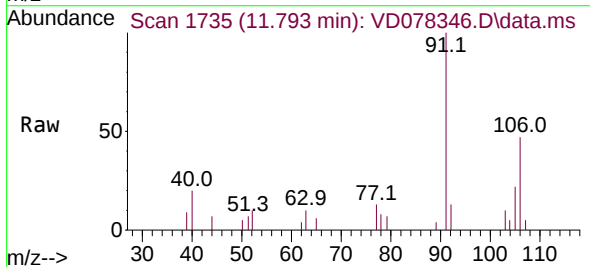
Instrument :
MSVOA_D
ClientSampleId :

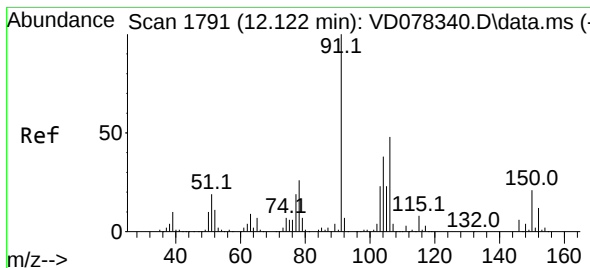
Tgt Ion: 91 Resp: 10705
Ion Ratio Lower Upper
91 100
106 24.1 22.5 41.7



#53
m,p-Xylene
Concen: 0.653 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion:106 Resp: 3728
Ion Ratio Lower Upper
106 100
91 213.6 138.3 256.8

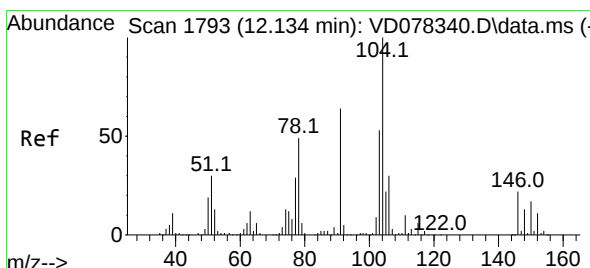
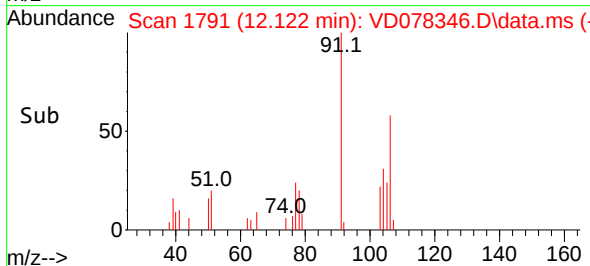
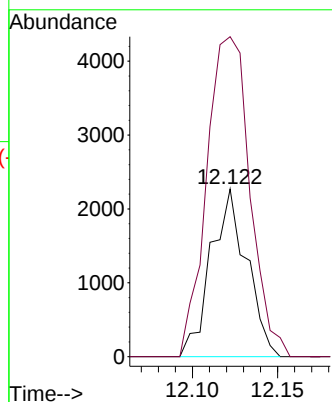
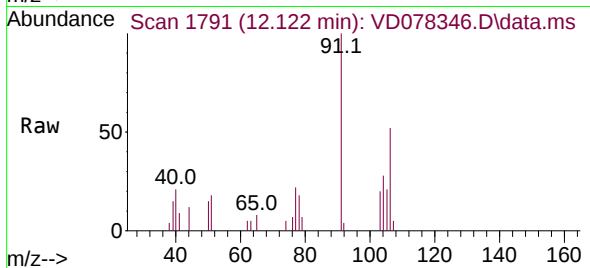




#54
o-Xylene
Concen: 0.603 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

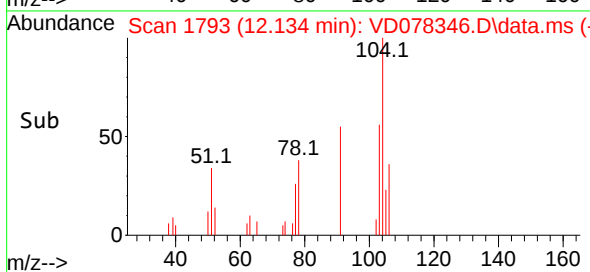
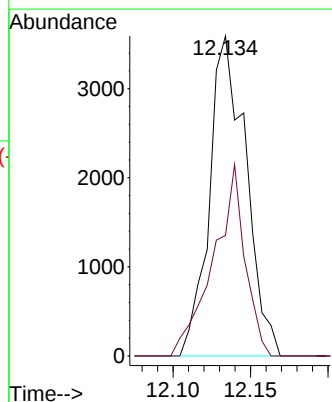
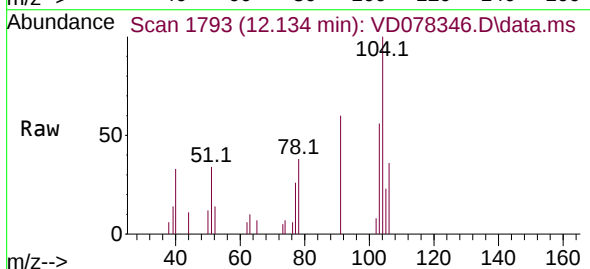
Instrument :
MSVOA_D
ClientSampleId :

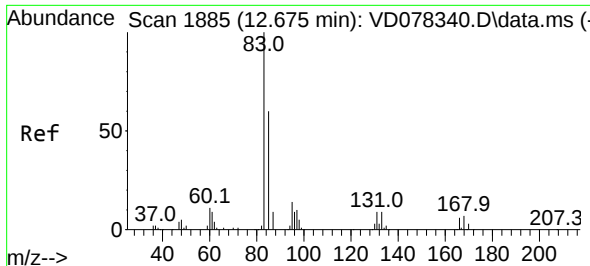
Tgt Ion:106 Resp: 3315
Ion Ratio Lower Upper
106 100
91 190.8 148.0 274.8



#55
Styrene
Concen: 0.592 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion:104 Resp: 5878
Ion Ratio Lower Upper
104 100
78 37.7 29.5 54.7

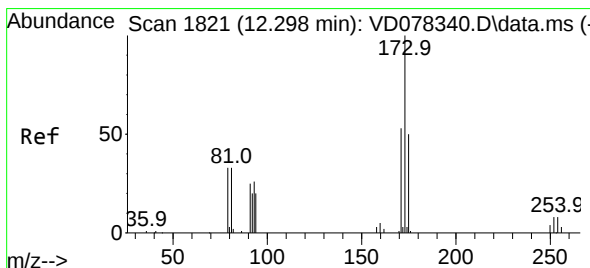
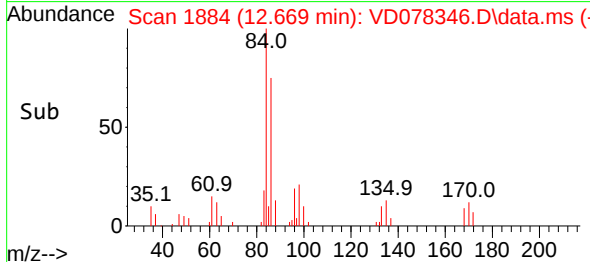
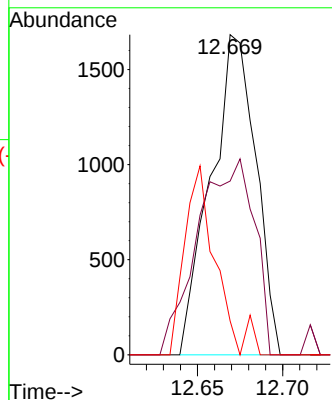
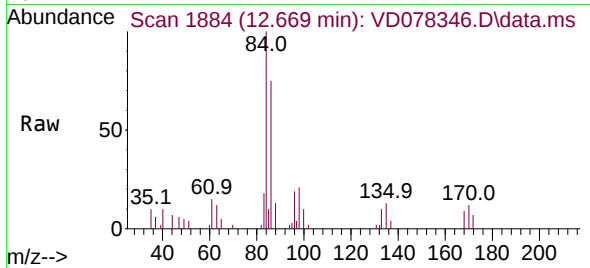




#57
1,1,2,2-Tetrachloroethane
Concen: 0.865 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

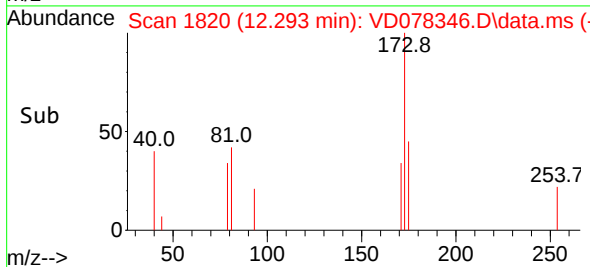
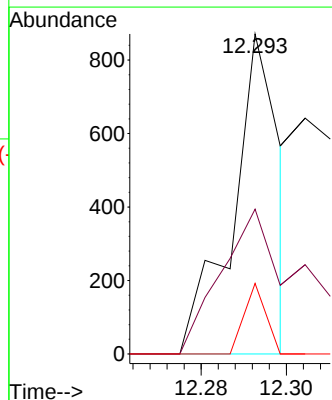
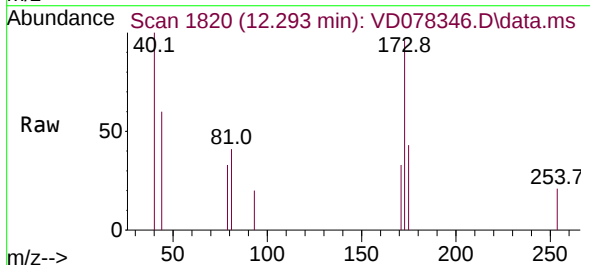
Instrument :
MSVOA_D
ClientSampleId :

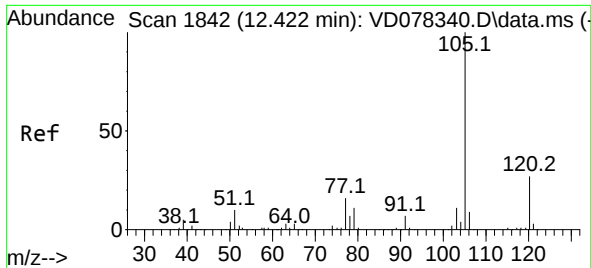
Tgt Ion: 83 Resp: 3091
Ion Ratio Lower Upper
83 100
85 54.2 42.6 79.0
131 10.6 6.0 9.0#



#59
Bromoform
Concen: 0.423 ug/L
RT: 12.293 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 173 Resp: 679
Ion Ratio Lower Upper
173 100
175 72.5 40.2 60.4#
254 0.0 6.6 9.8#

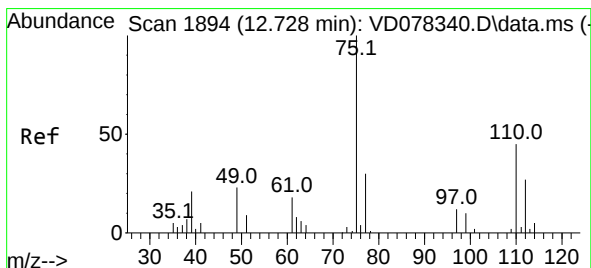
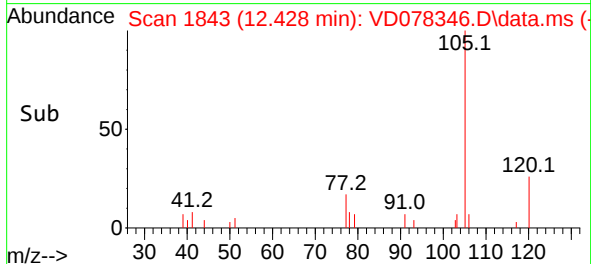
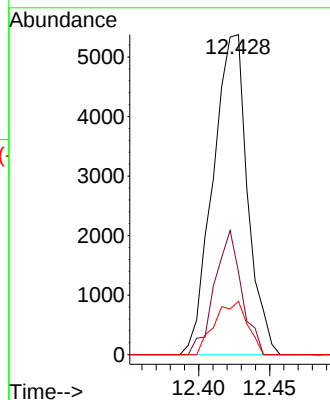
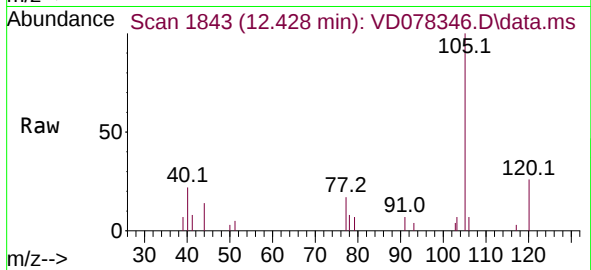




#60
Isopropylbenzene
Concen: 0.754 ug/L
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

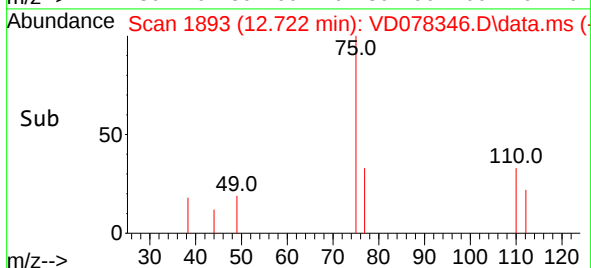
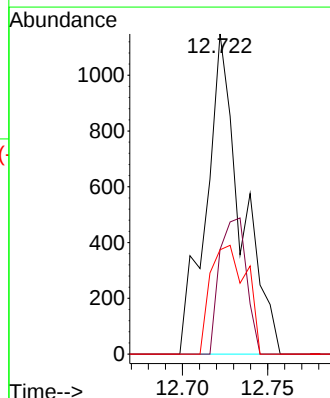
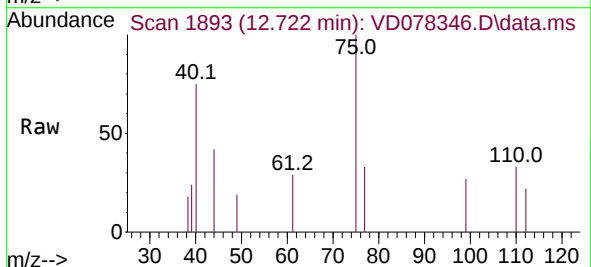
Instrument :
MSVOA_D
ClientSampleId :

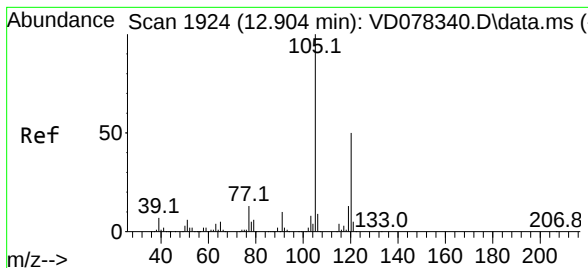
Tgt Ion:105 Resp: 9127
Ion Ratio Lower Upper
105 100
120 30.3 20.4 30.6
77 15.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.803 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion: 75 Resp: 1640
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7
110 35.0 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 0.616 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

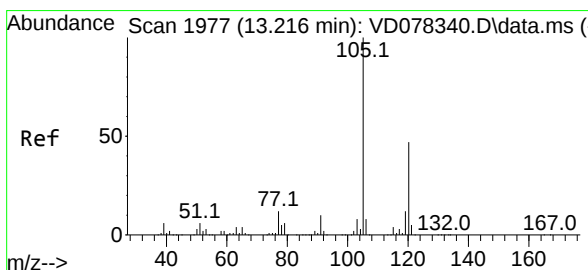
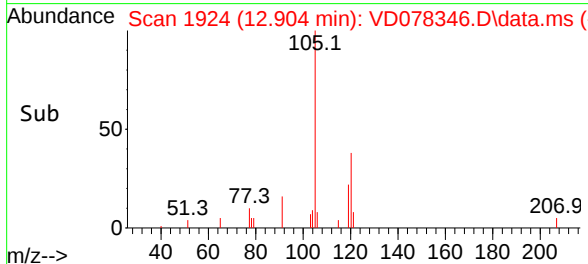
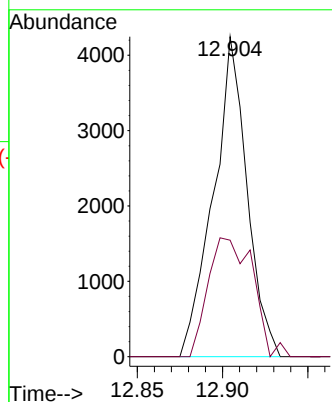
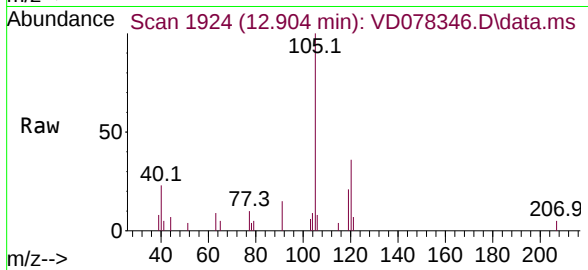
ClientSampleId :

Tgt Ion:105 Resp: 5827

Ion Ratio Lower Upper

105 100

120 48.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 0.651 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD078346.D

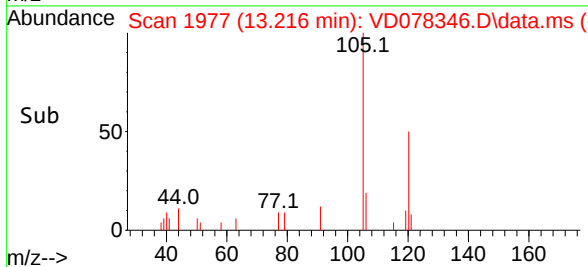
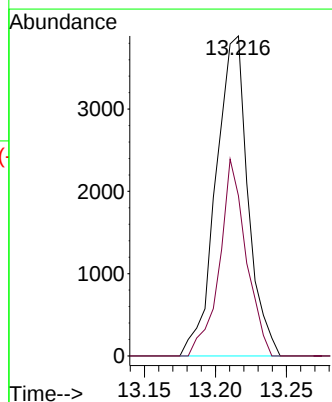
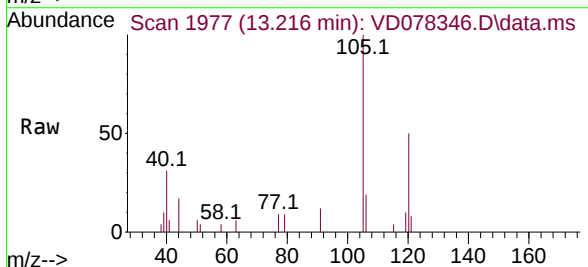
Acq: 05 Feb 2024 14:13

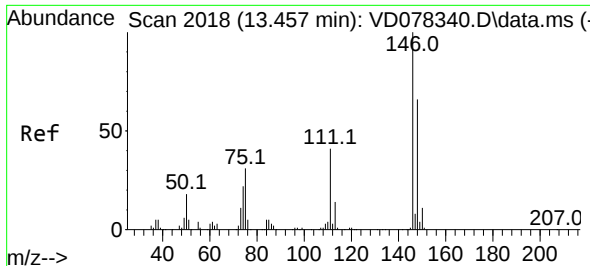
Tgt Ion:105 Resp: 6099

Ion Ratio Lower Upper

105 100

120 51.0 37.0 55.4

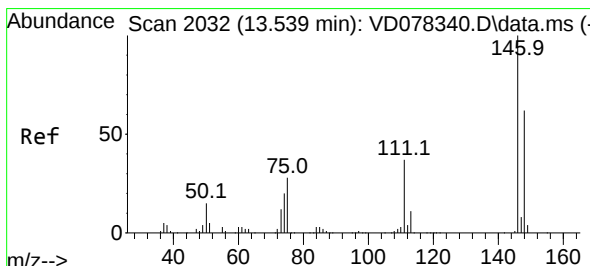
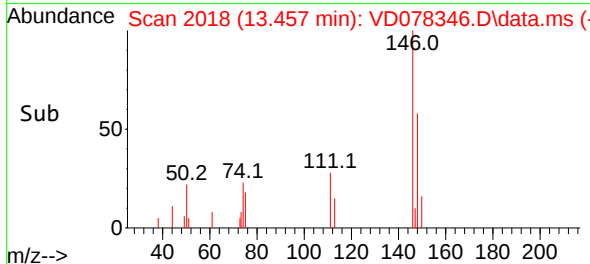
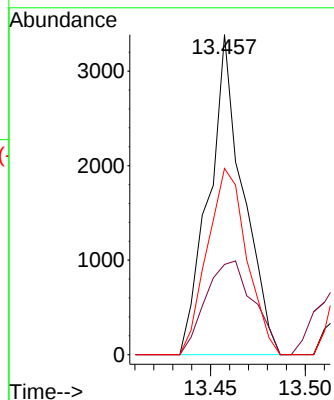
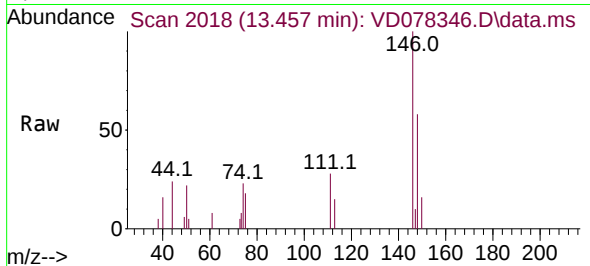




#64
1,3-Dichlorobenzene
Concen: 0.788 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

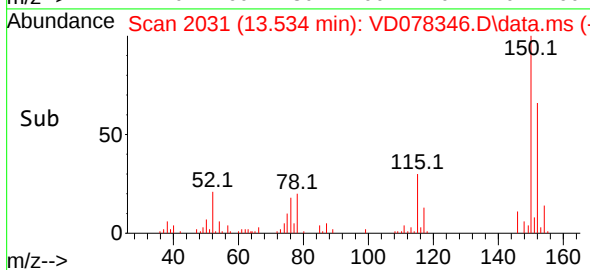
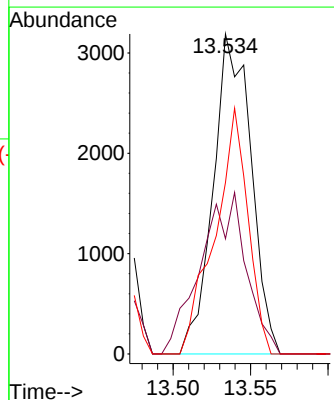
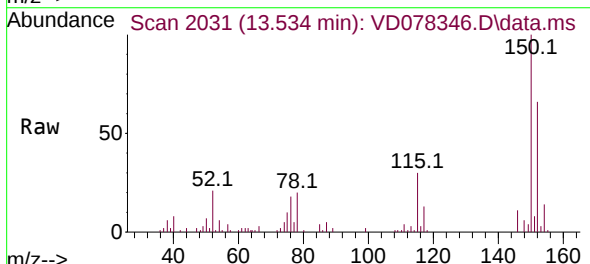
Instrument :
MSVOA_D
ClientSampleId :

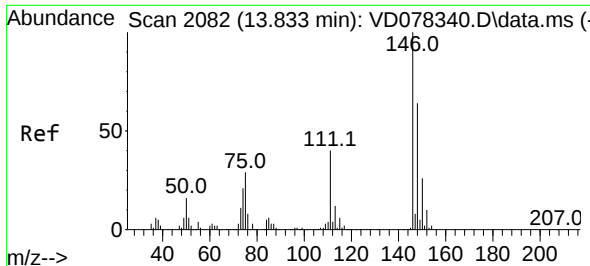
Tgt Ion:146 Resp: 4254
Ion Ratio Lower Upper
146 100
111 28.2 28.6 53.0#
148 58.2 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 0.955 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

Tgt Ion:146 Resp: 5397
Ion Ratio Lower Upper
146 100
111 36.0 26.4 49.0
148 53.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.907 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD078346.D

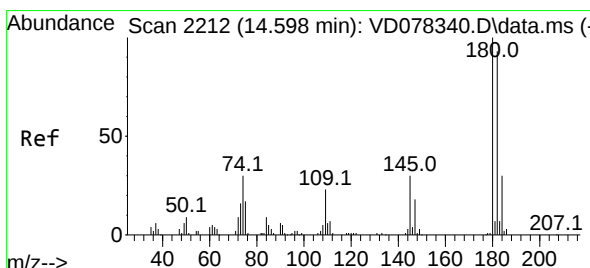
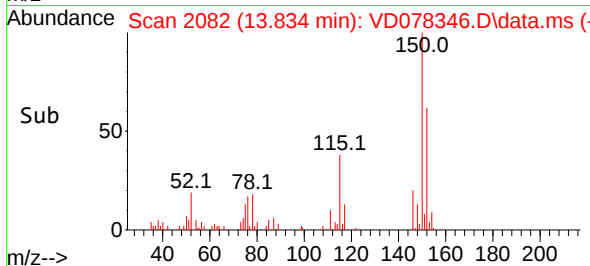
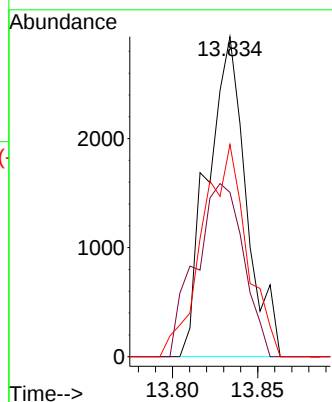
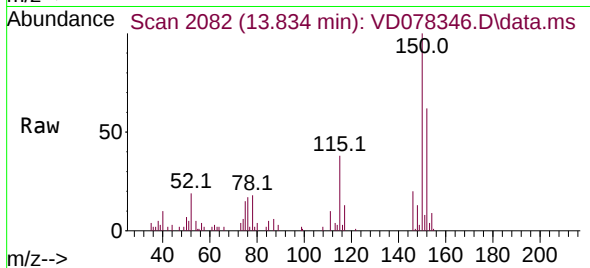
Acq: 05 Feb 2024 14:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	4634
Ion Ratio	Lower	Upper
146	100	
111	51.3	33.6 50.4#
148	66.3	48.4 72.6



#69

1,3,5-Trichlorobenzene

Concen: 0.852 ug/L

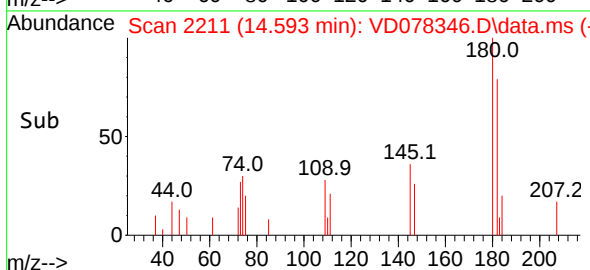
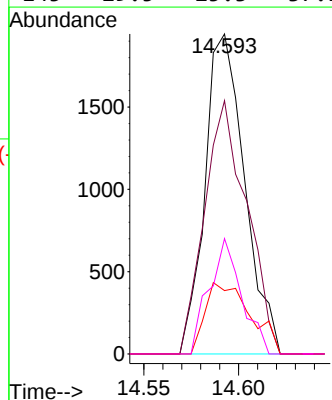
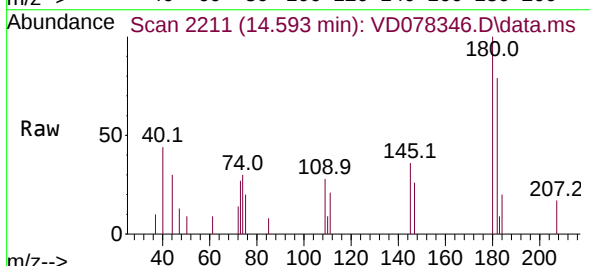
RT: 14.593 min Scan# 2211

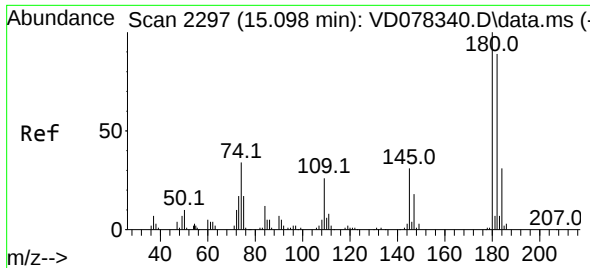
Delta R.T. -0.006 min

Lab File: VD078346.D

Acq: 05 Feb 2024 14:13

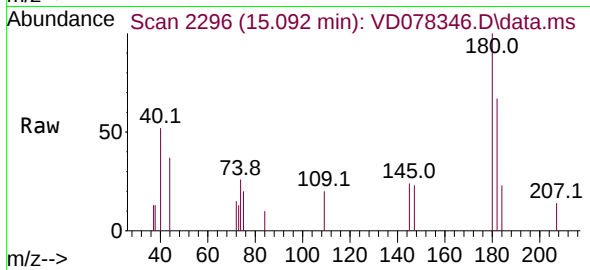
Tgt Ion:180	Resp:	2833
Ion Ratio	Lower	Upper
180	100	
182	84.3	75.6 113.4
184	25.3	23.2 34.8
145	29.5	25.3 37.9



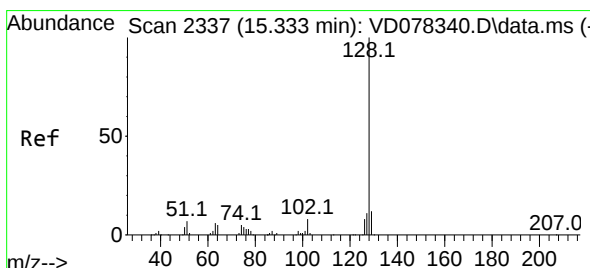
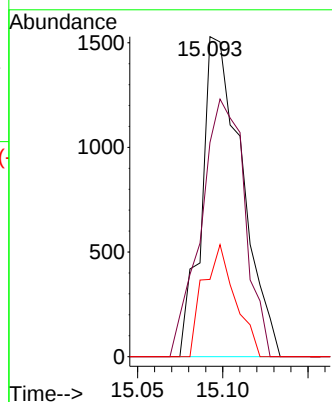
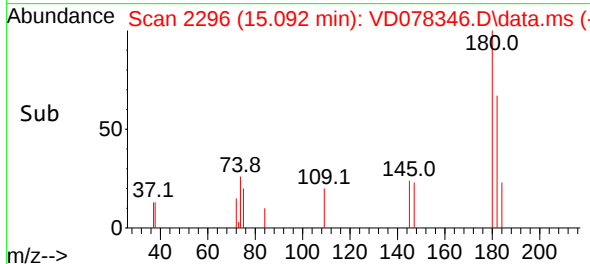


#70
1,2,4-trichlorobenzene
Concen: 0.874 ug/L
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13

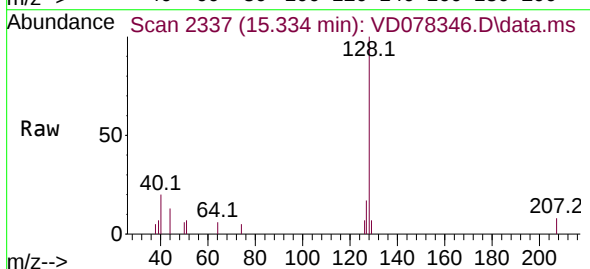
Instrument :
MSVOA_D
ClientSampleId :



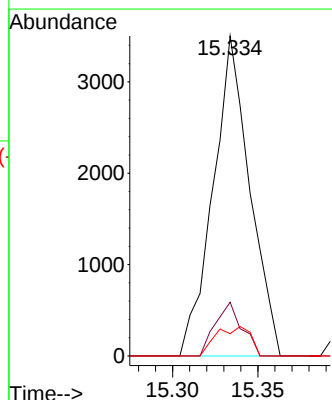
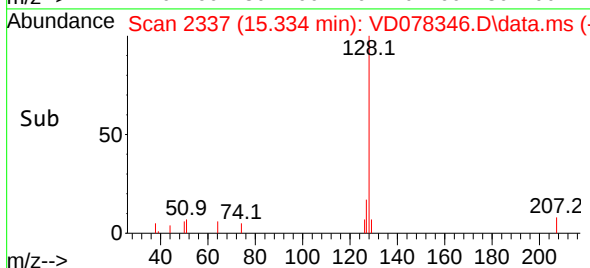
Tgt Ion:180 Resp: 2514
Ion Ratio Lower Upper
180 100
182 87.5 76.2 114.4
145 27.6 25.0 37.6

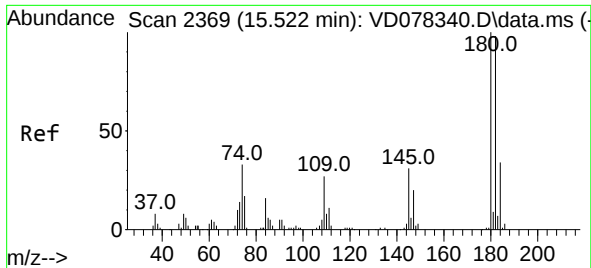


#71
Naphthalene
Concen: 0.781 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078346.D
Acq: 05 Feb 2024 14:13



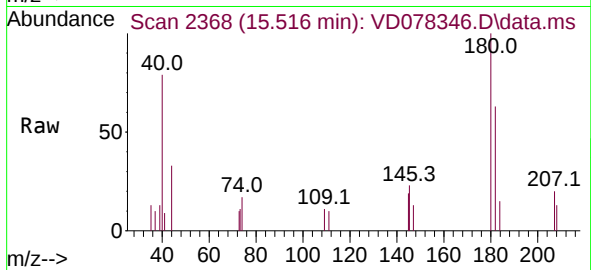
Tgt Ion:128 Resp: 5255
Ion Ratio Lower Upper
128 100
127 12.2 11.0 16.4
129 8.6 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.901 ug/L
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078346.D
 Acq: 05 Feb 2024 14:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	2418
Ion Ratio	Lower	Upper	
180	100		
182	83.1	75.4	113.0
145	31.4	26.8	40.2

