

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078344.D
 Acq On : 05 Feb 2024 13:19
 Operator : RP/MD
 Sample : MDL03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 01:29:18 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	200915	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	197309	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	79647	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	102558	17.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.960%
7) Chloroethane-d5	2.804	69	92056	19.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.840%
11) 1,1-Dichloroethene-d2	3.922	65	22096	17.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.800%
21) 2-Butanone-d5	7.040	46	1268	1.511	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.020%#
24) Chloroform-d	7.569	84	109698	19.150	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	8.234	65	59082	19.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.440%
32) Benzene-d6	8.204	84	219072	18.988	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.960%
36) 1,2-Dichloropropane-d6	9.210	67	71878	20.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.960%
41) Toluene-d8	10.269	98	188057	18.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	10.528	79	28043	17.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.720%
47) 2-Hexanone-d5	10.881	63	22855	31.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	58001	17.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	61873	21.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	2818	0.711	ug/L	98
3) Chloromethane	2.152	50	5420	0.941	ug/L	91
5) Vinyl chloride	2.287	62	6388	0.897	ug/L #	53
6) Bromomethane	2.693	94	2700	0.836	ug/L	97
8) Chloroethane	2.846	64	3863	0.852	ug/L	92
9) Trichlorofluoromethane	3.169	101	5029	0.993	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	1114	0.354	ug/L #	28
12) 1,1-Dichloroethene	3.946	96	2881	0.988	ug/L #	1
13) Acetone	4.034	43	1103	1.001	ug/L	94
14) Carbon disulfide	4.275	76	8789	0.818	ug/L	97
15) Methyl Acetate	4.575	43	392	0.237	ug/L #	62
16) Methylene chloride	4.798	84	4830	1.226	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	2422	0.754	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	1016	0.136	ug/L #	68
19) 1,1-Dichloroethane	6.104	63	2242	0.399	ug/L #	68
20) cis-1,2-Dichloroethene	7.075	96	1590	0.451	ug/L	84
22) 2-Butanone	7.092	43	181	0.136	ug/L #	1
23) Bromochloromethane	7.440	128	324	0.208	ug/L #	75
25) Chloroform	7.598	83	13726	2.237	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078344.D
 Acq On : 05 Feb 2024 13:19
 Operator : RP/MD
 Sample : MDL03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 01:29:18 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

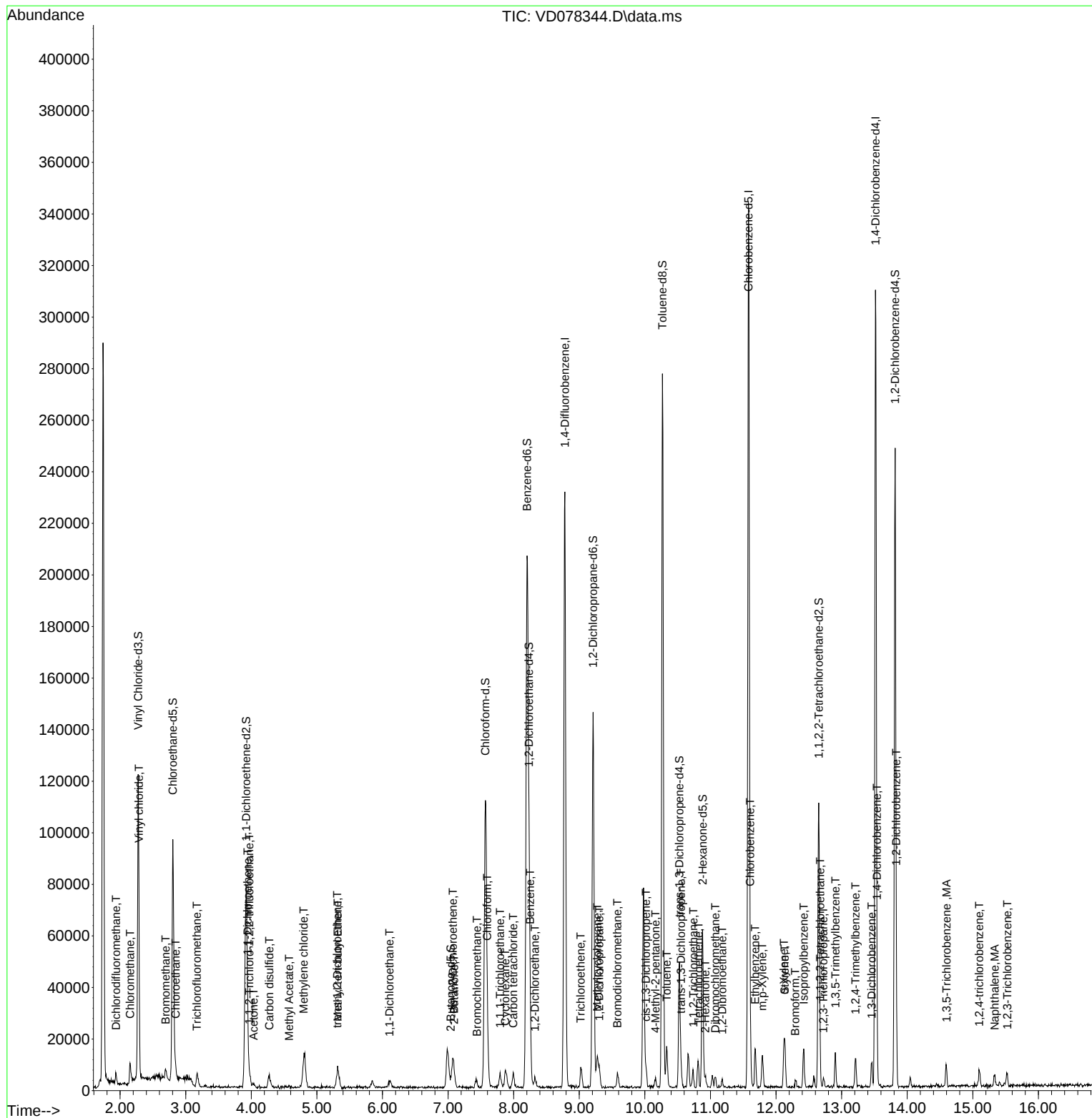
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	3147	0.799	ug/L #	91
29) Cyclohexane	7.875	56	988	0.222	ug/L #	5
30) 1,1,1-Trichloroethane	7.792	97	4289	0.887	ug/L #	79
31) Carbon tetrachloride	7.992	117	2343	0.550	ug/L #	58
33) Benzene	8.251	78	11323	0.852	ug/L	100
34) Trichloroethene	9.022	95	2774	0.826	ug/L #	70
35) Methylcyclohexane	9.275	83	4073	0.775	ug/L	96
37) 1,2-Dichloropropane	9.304	63	3148	0.899	ug/L #	87
38) Bromodichloromethane	9.581	83	3745	0.819	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	4759	0.873	ug/L	92
40) 4-Methyl-2-pentanone	10.163	43	2188	1.006	ug/L #	86
42) Toluene	10.334	91	11341	0.820	ug/L	88
44) trans-1,3-Dichloropropene	10.551	75	3742	0.784	ug/L	96
45) 1,1,2-Trichloroethane	10.739	97	1875	0.671	ug/L #	85
46) Tetrachloroethene	10.822	164	2221	0.963	ug/L #	69
48) 2-Hexanone	10.922	43	1529	0.862	ug/L #	75
49) Dibromochloromethane	11.075	129	2542	0.810	ug/L	83
50) 1,2-Dibromoethane	11.181	107	1124	0.413	ug/L #	78
51) Chlorobenzene	11.604	112	7303	0.815	ug/L	90
52) Ethylbenzene	11.680	91	11349	0.764	ug/L	99
53) m,p-Xylene	11.792	106	3970	0.695	ug/L	87
54) o-Xylene	12.122	106	3754	0.682	ug/L	97
55) Styrene	12.133	104	6269	0.631	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	2953	0.825	ug/L #	54
59) Bromoform	12.292	173	1253	0.784	ug/L #	68
60) Isopropylbenzene	12.422	105	9492	0.789	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	1601	0.788	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	6099	0.648	ug/L	88
63) 1,2,4-Trimethylbenzene	13.210	105	6486	0.696	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	4598	0.856	ug/L	82
65) 1,4-Dichlorobenzene	13.539	146	5098	0.907	ug/L	80
67) 1,2-Dichlorobenzene	13.833	146	4761	0.937	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	2754	0.832	ug/L #	90
70) 1,2,4-trichlorobenzene	15.098	180	2523	0.882	ug/L	94
71) Naphthalene	15.333	128	4754	0.710	ug/L	96
72) 1,2,3-Trichlorobenzene	15.527	180	1090	0.408	ug/L #	36

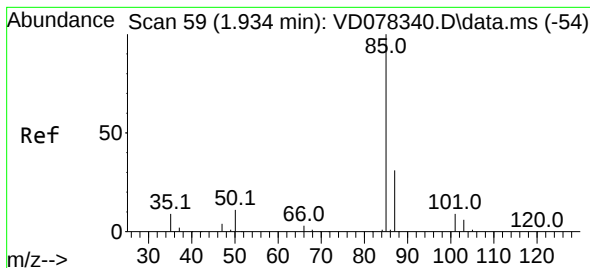
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
Data File : VD078344.D
Acq On : 05 Feb 2024 13:19
Operator : RP/MD
Sample : MDL03
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 06 01:29:18 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





#2

Dichlorodifluoromethane

Concen: 0.711 ug/L

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

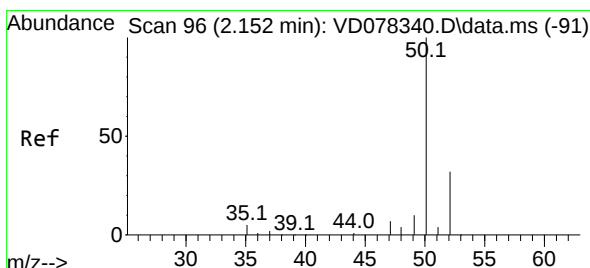
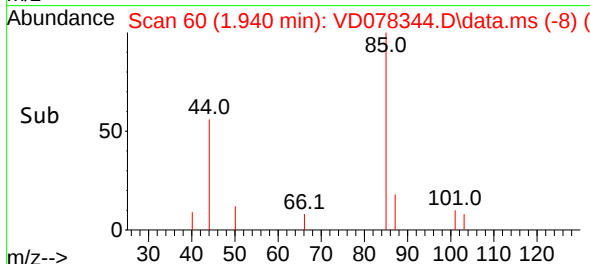
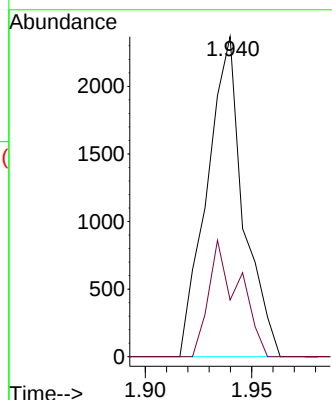
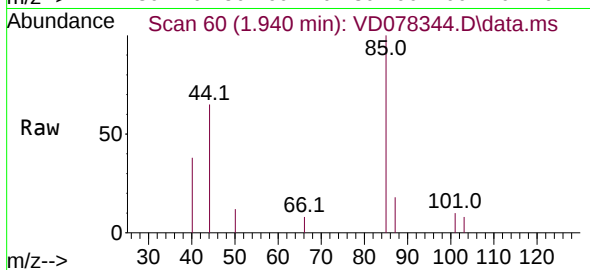
ClientSampleId :

Tgt Ion: 85 Resp: 2818

Ion Ratio Lower Upper

85 100

87 30.6 25.3 37.9



#3

Chloromethane

Concen: 0.941 ug/L

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078344.D

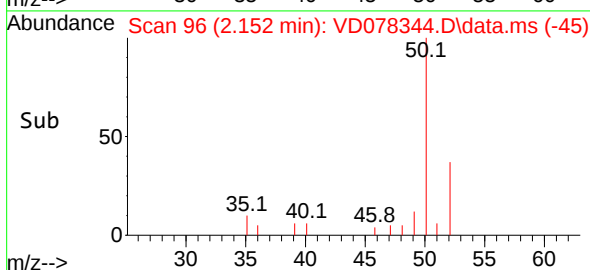
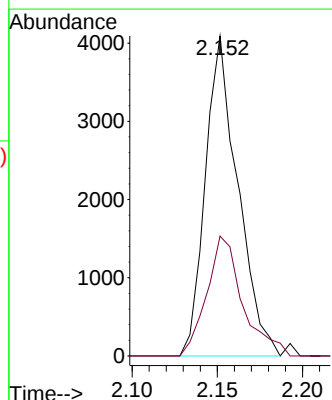
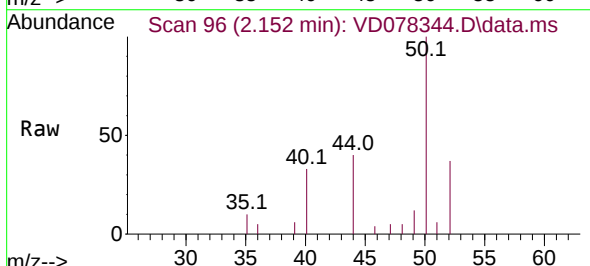
Acq: 05 Feb 2024 13:19

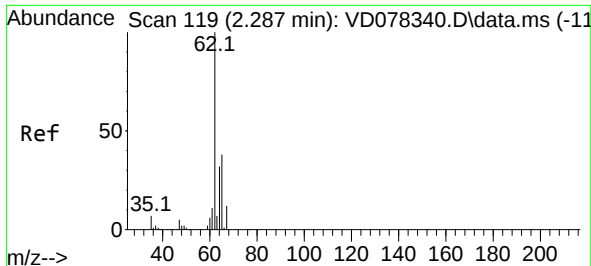
Tgt Ion: 50 Resp: 5420

Ion Ratio Lower Upper

50 100

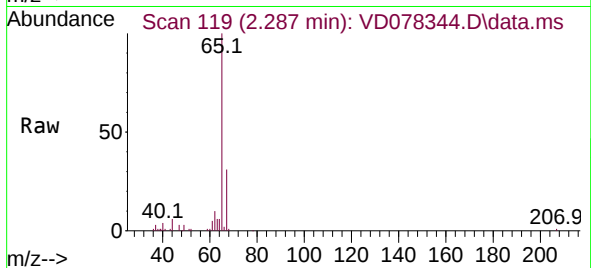
52 37.4 22.7 42.3



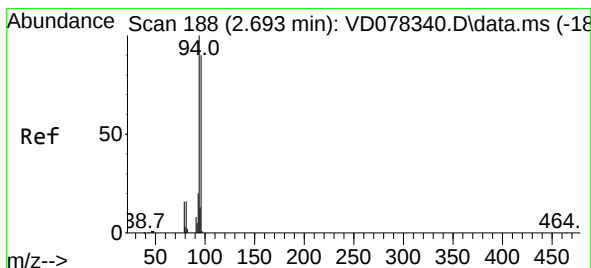
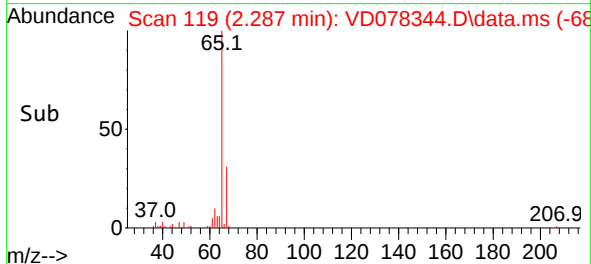
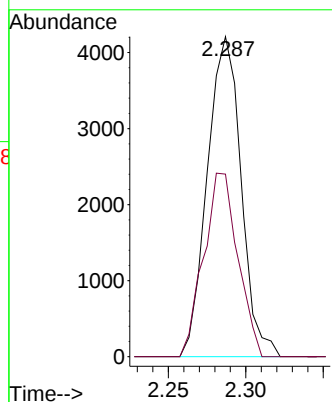


#5
 Vinyl chloride
 Concen: 0.897 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

Instrument :
 MSVOA_D
 ClientSampleId :

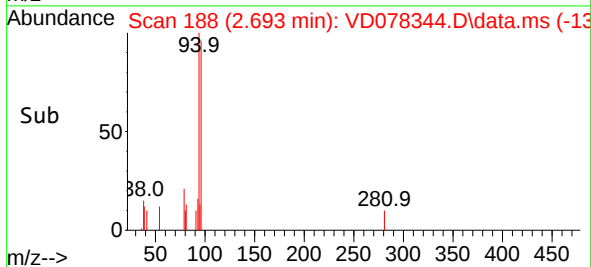
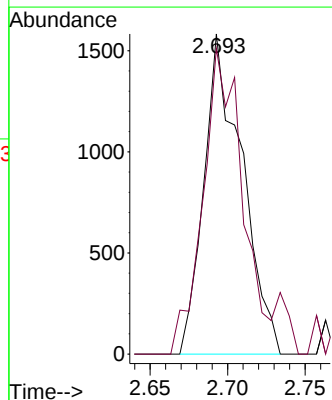
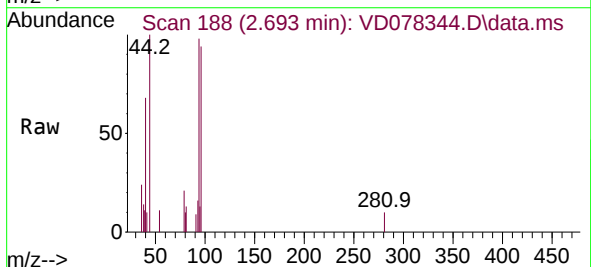


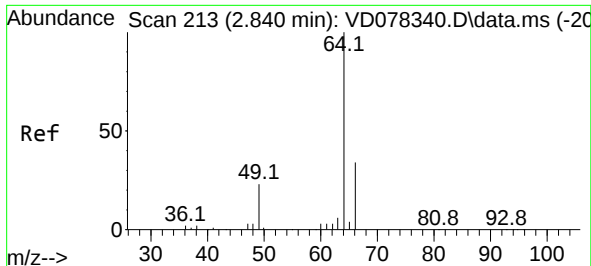
Tgt Ion: 62 Resp: 6388
 Ion Ratio Lower Upper
 62 100
 64 57.0 21.7 40.3#



#6
 Bromomethane
 Concen: 0.836 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

Tgt Ion: 94 Resp: 2700
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.8 120.4





#8

Chloroethane

Concen: 0.852 ug/L

RT: 2.846 min Scan# 213

Delta R.T. 0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

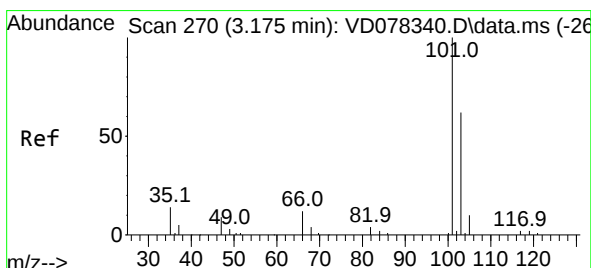
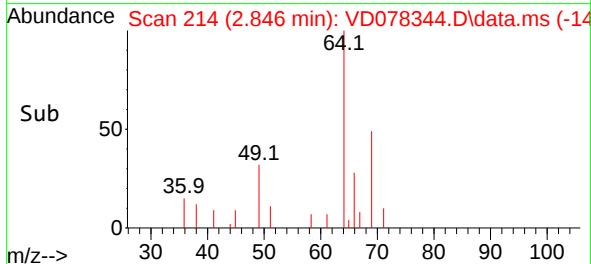
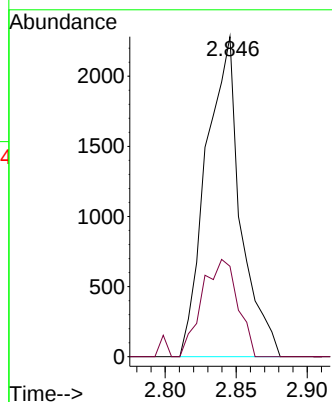
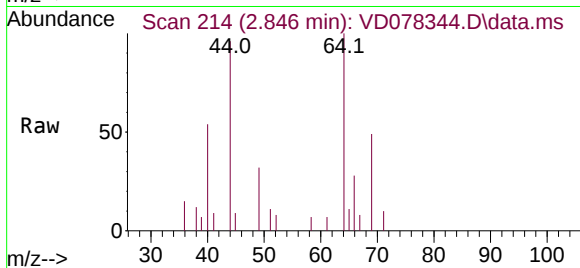
ClientSampleId :

Tgt Ion: 64 Resp: 3863

Ion Ratio Lower Upper

64 100

66 28.3 22.8 42.4



#9

Trichlorofluoromethane

Concen: 0.993 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.006 min

Lab File: VD078344.D

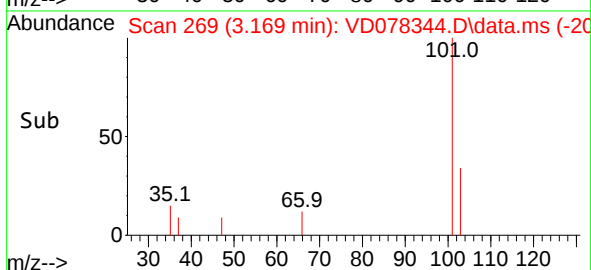
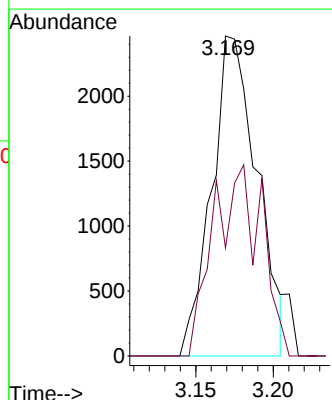
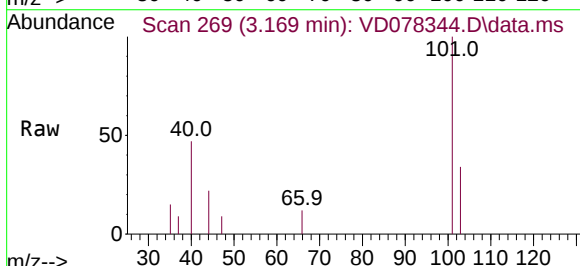
Acq: 05 Feb 2024 13:19

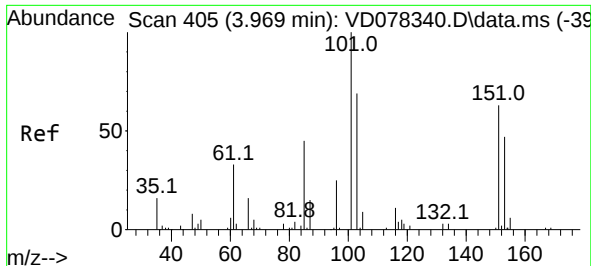
Tgt Ion:101 Resp: 5029

Ion Ratio Lower Upper

101 100

103 23.3 51.1 76.7#

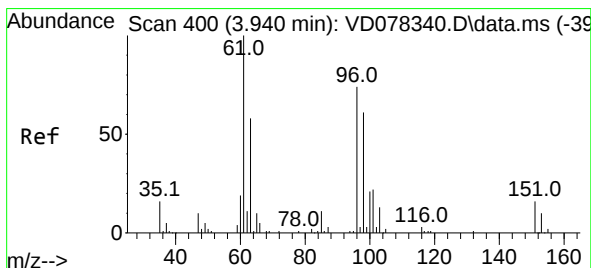
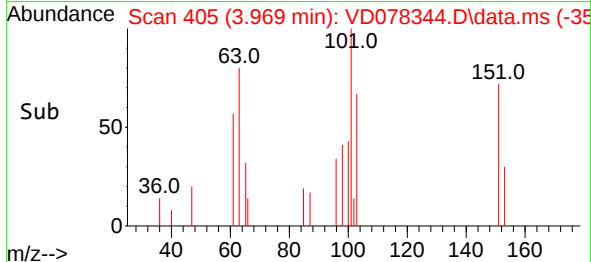
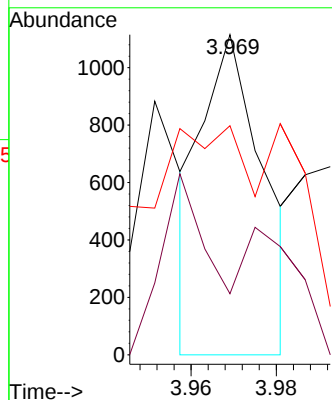
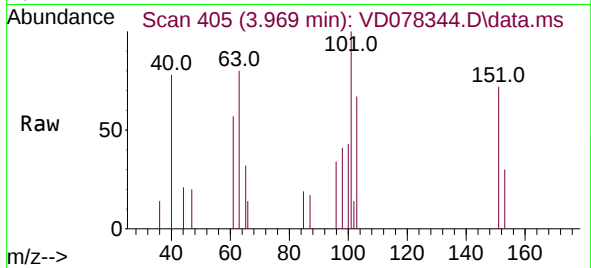




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.354 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

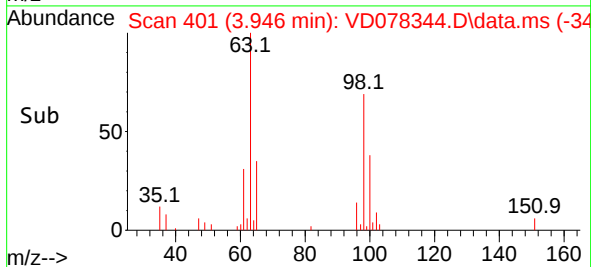
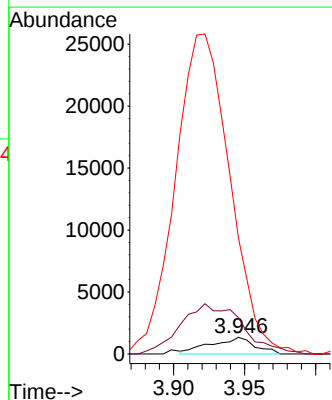
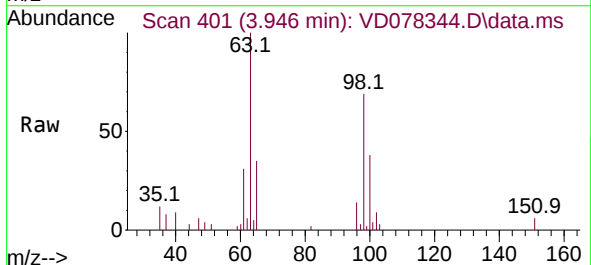
Instrument :
 MSVOA_D
 ClientSampleId :

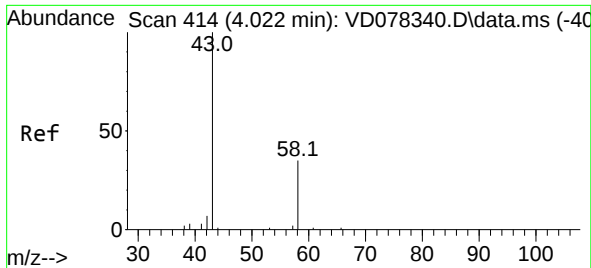
Tgt Ion:101 Resp: 1114
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 128.7 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 0.988 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

Tgt Ion: 96 Resp: 2881
 Ion Ratio Lower Upper
 96 100
 61 218.9 108.8 202.2#
 63 699.0 65.2 121.0#





#13

Acetone

Concen: 1.001 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

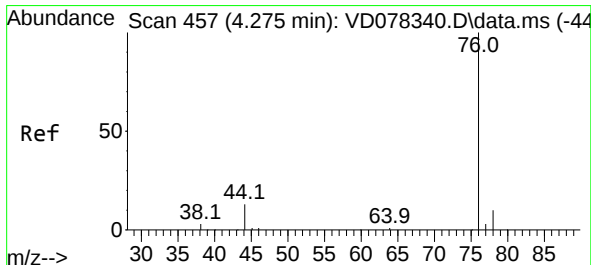
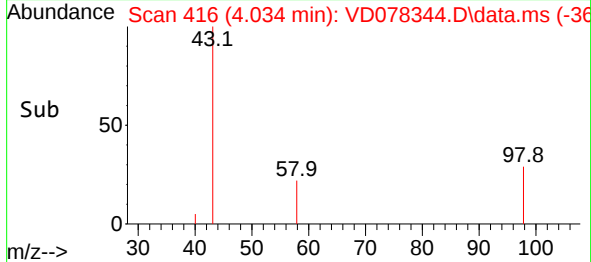
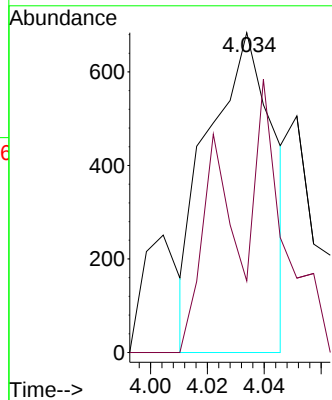
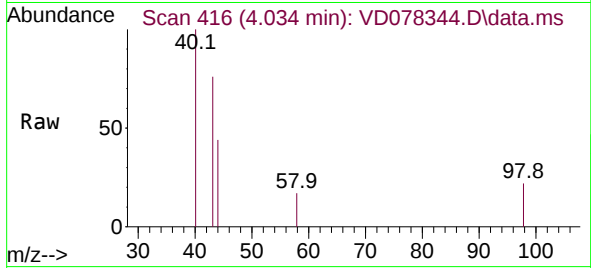
ClientSampleId :

Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

58 37.1 0.0 67.2



#14

Carbon disulfide

Concen: 0.818 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078344.D

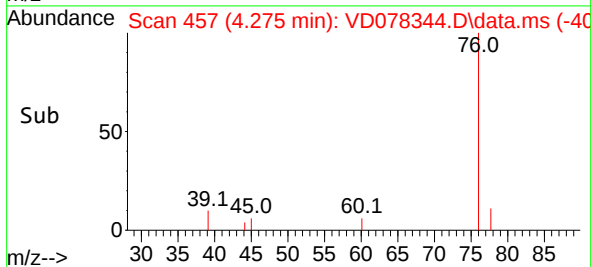
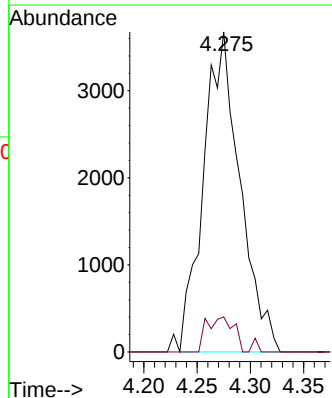
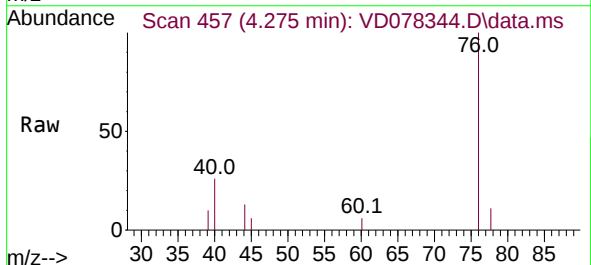
Acq: 05 Feb 2024 13:19

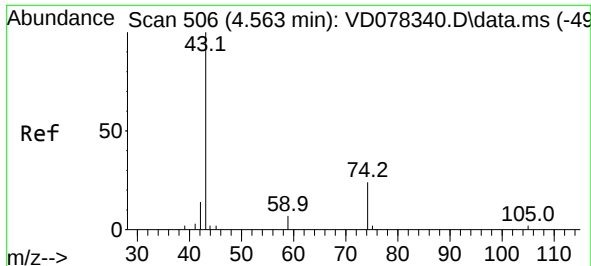
Tgt Ion: 76 Resp: 8789

Ion Ratio Lower Upper

76 100

78 11.0 7.8 11.8

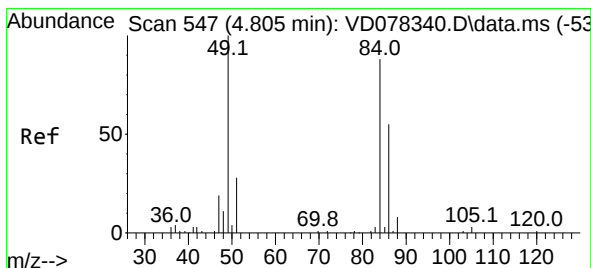
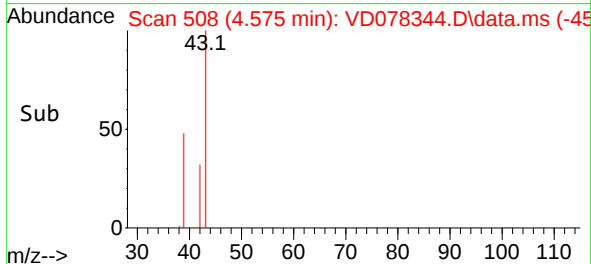
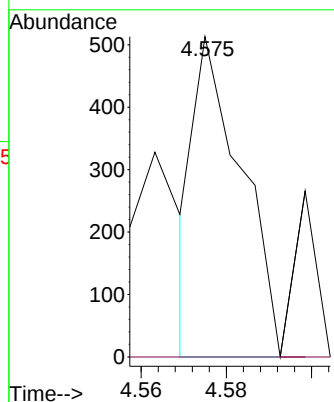
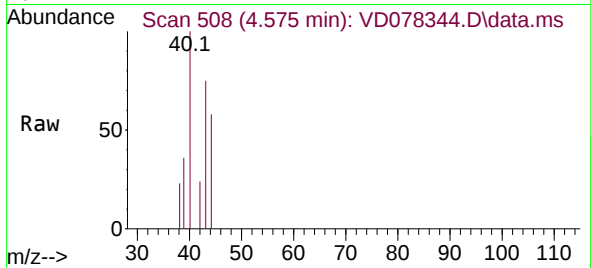




#15
Methyl Acetate
Concen: 0.237 ug/L
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

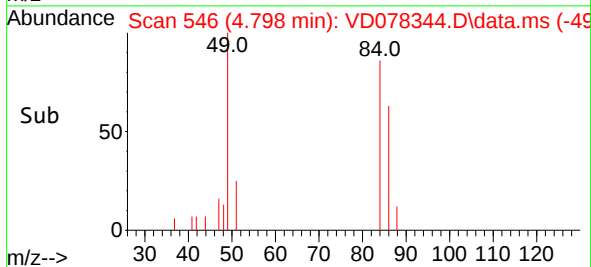
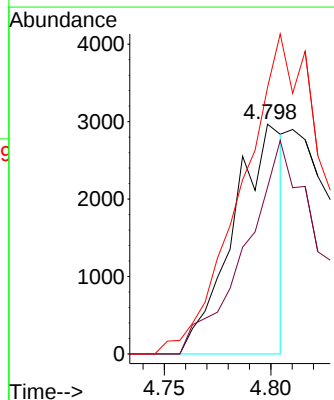
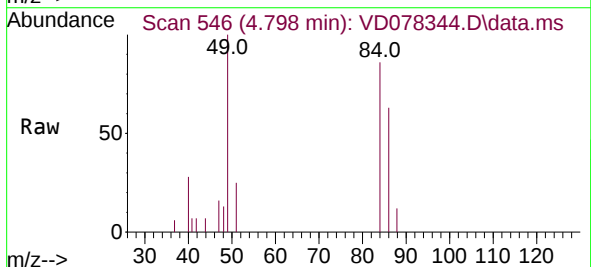
Instrument :
MSVOA_D
ClientSampleId :

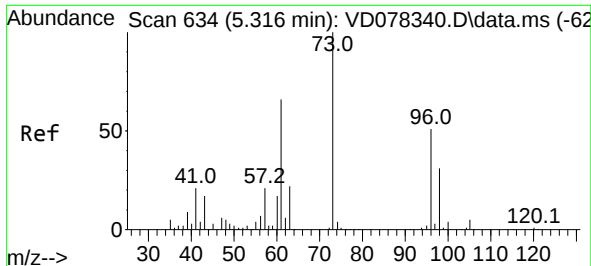
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
74 0.0 12.7 19.1#



#16
Methylene chloride
Concen: 1.226 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion: 84 Resp: 4830
Ion Ratio Lower Upper
84 100
86 72.6 45.4 84.2
49 116.1 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 0.754 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

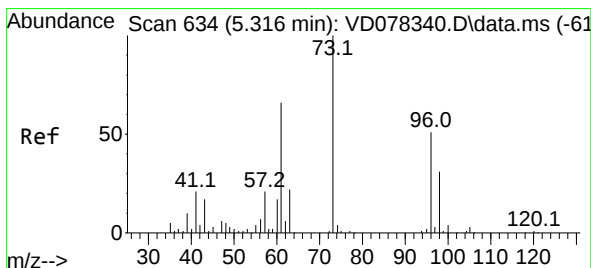
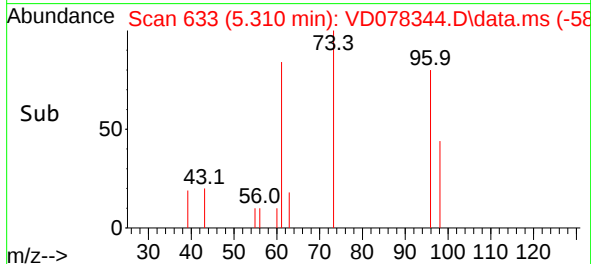
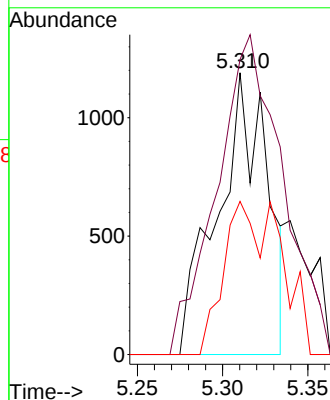
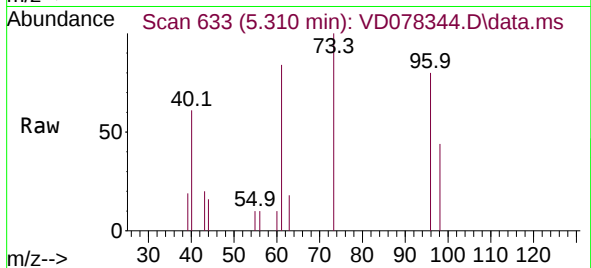
Tgt Ion: 96 Resp: 2422

Ion Ratio Lower Upper

96 100

61 104.7 82.7 153.7

98 54.4 40.7 75.7



#18

Methyl tert-butyl Ether

Concen: 0.136 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

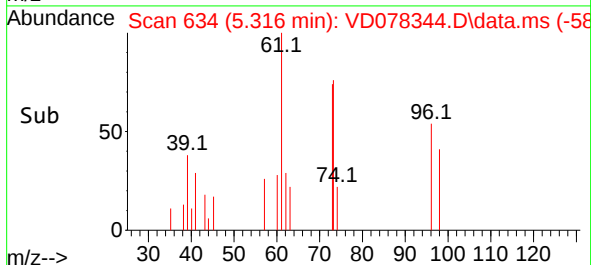
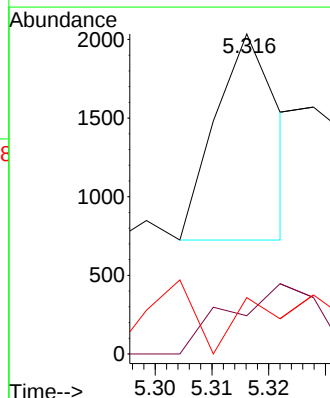
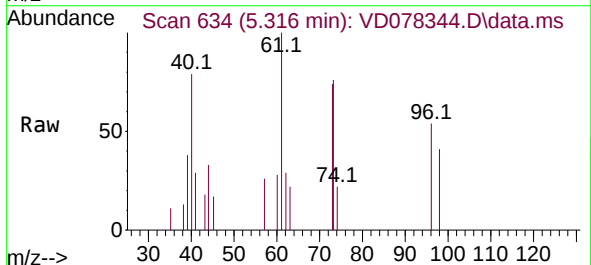
Tgt Ion: 73 Resp: 1016

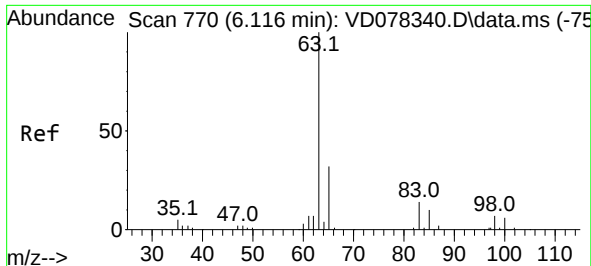
Ion Ratio Lower Upper

73 100

43 46.8 13.3 19.9#

57 20.2 17.2 25.8





#19

1,1-Dichloroethane

Concen: 0.399 ug/L

RT: 6.104 min Scan# 770

Delta R.T. -0.012 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

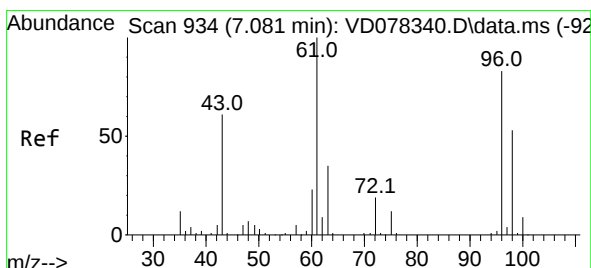
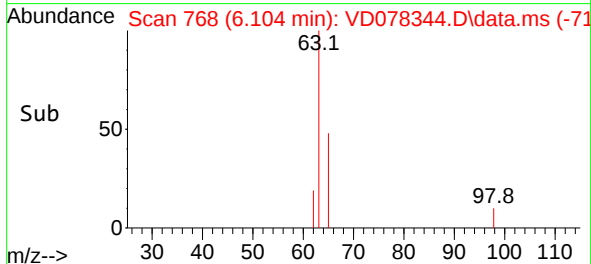
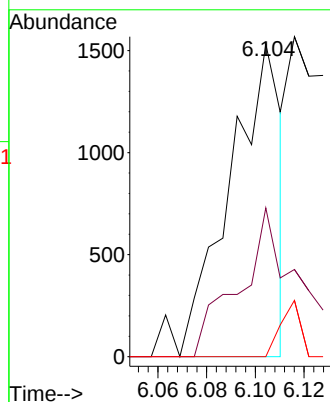
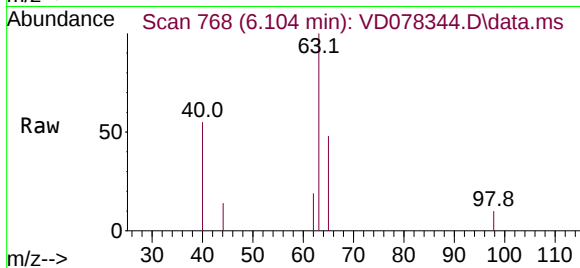
Tgt Ion: 63 Resp: 2242

Ion Ratio Lower Upper

63 100

65 47.6 21.8 40.4#

83 0.0 10.1 18.9#



#20

cis-1,2-Dichloroethene

Concen: 0.451 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

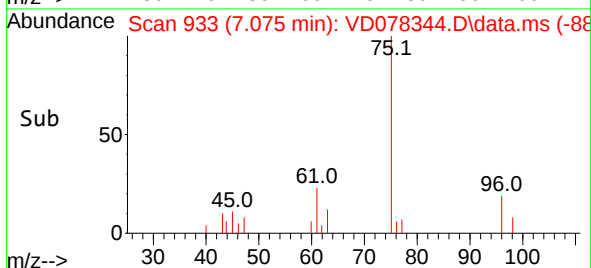
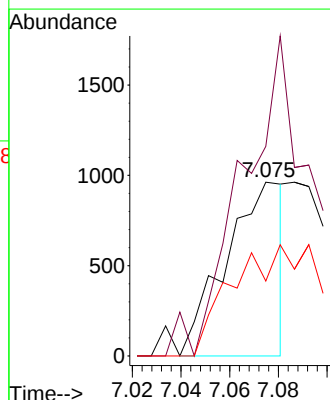
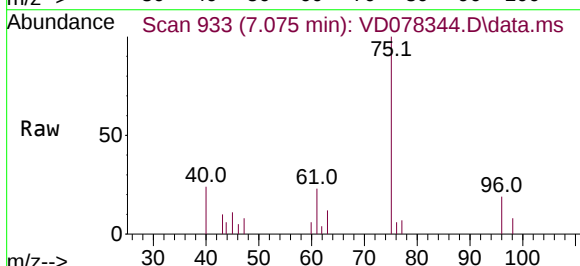
Tgt Ion: 96 Resp: 1590

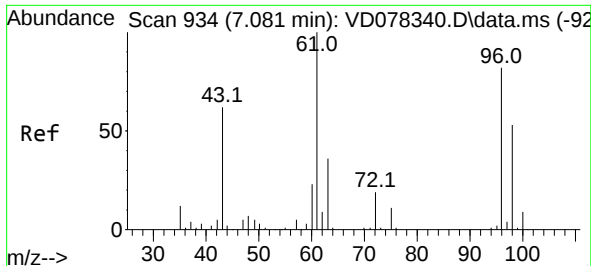
Ion Ratio Lower Upper

96 100

61 120.7 75.6 140.4

98 43.1 43.1 80.1





#22

2-Butanone

Concen: 0.136 ug/L

RT: 7.092 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

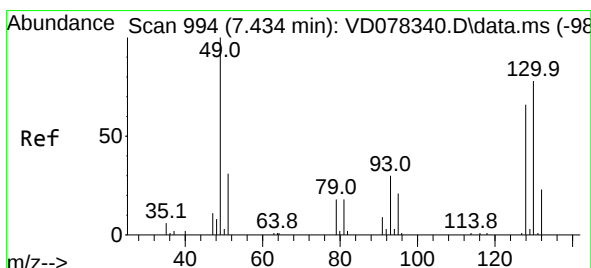
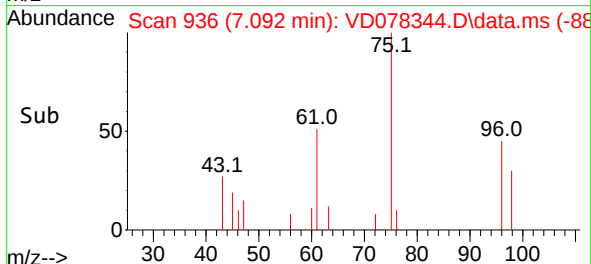
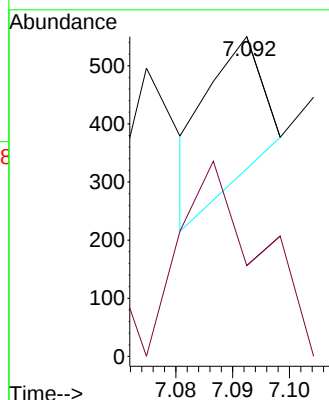
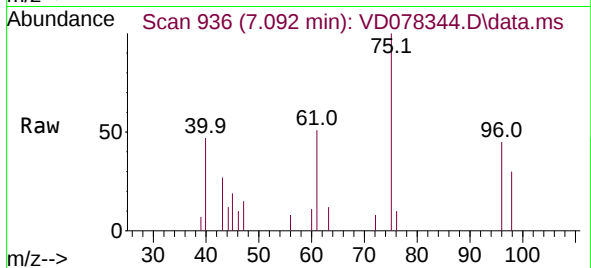
ClientSampleId :

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

72 178.5 15.4 46.2#



#23

Bromochloromethane

Concen: 0.208 ug/L

RT: 7.440 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Tgt Ion: 128 Resp: 324

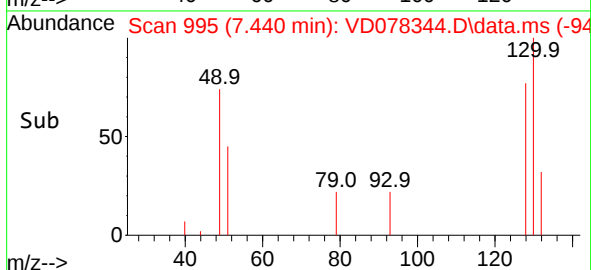
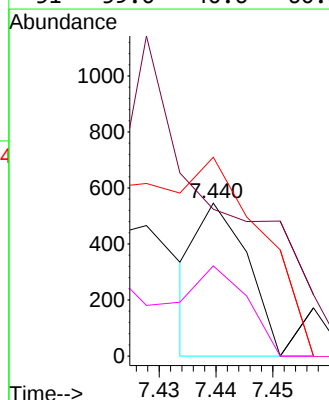
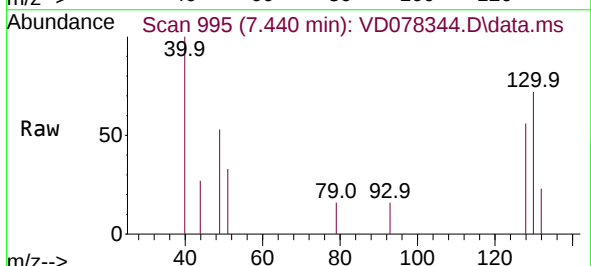
Ion Ratio Lower Upper

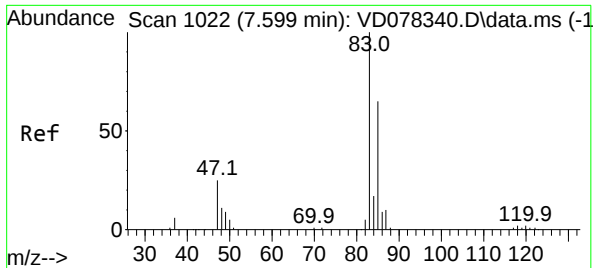
128 100

49 96.0 102.7 190.7#

130 130.0 82.6 153.4

51 59.0 40.6 60.8





#25

Chloroform

Concen: 2.237 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

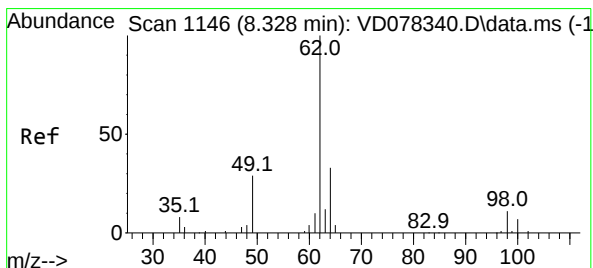
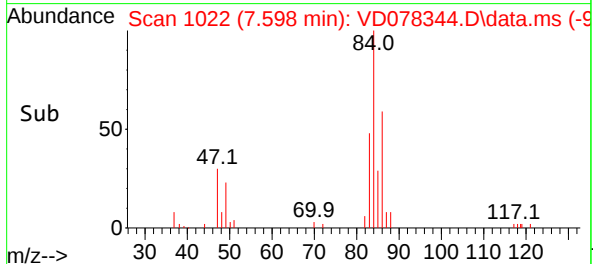
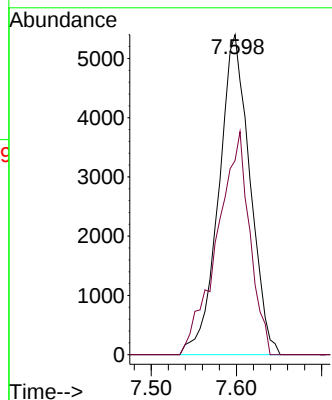
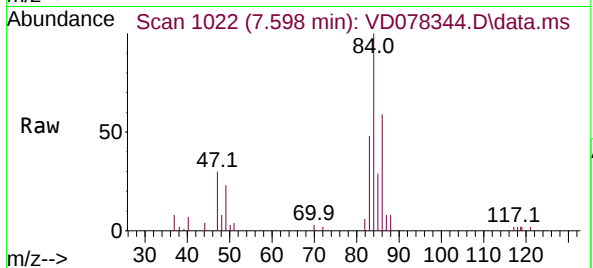
ClientSampleId :

Tgt Ion: 83 Resp: 13726

Ion Ratio Lower Upper

83 100

85 60.7 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.799 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD078344.D

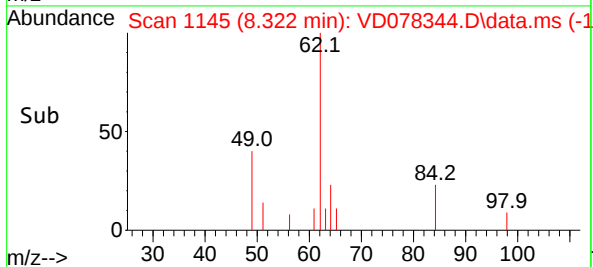
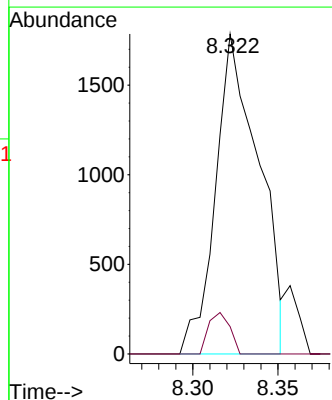
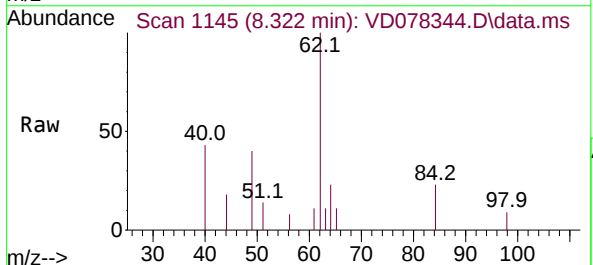
Acq: 05 Feb 2024 13:19

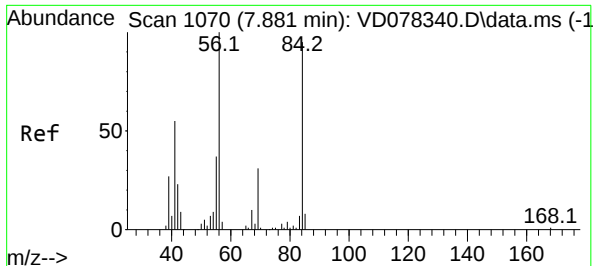
Tgt Ion: 62 Resp: 3147

Ion Ratio Lower Upper

62 100

98 8.5 9.5 14.3#





#29

Cyclohexane

Concen: 0.222 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

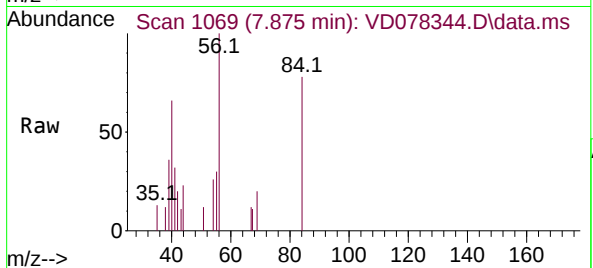
Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :



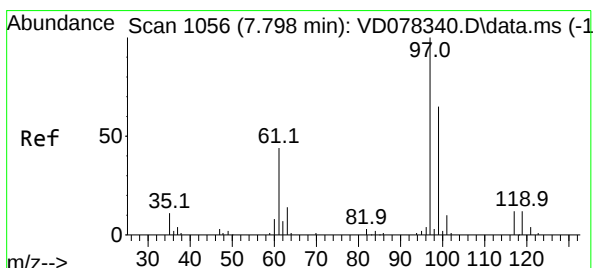
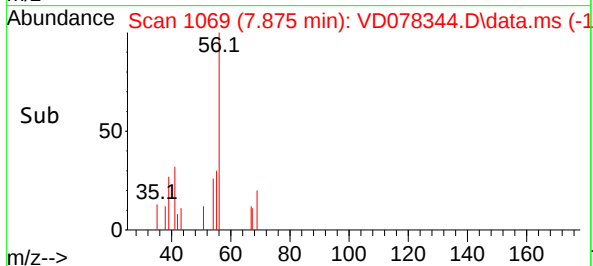
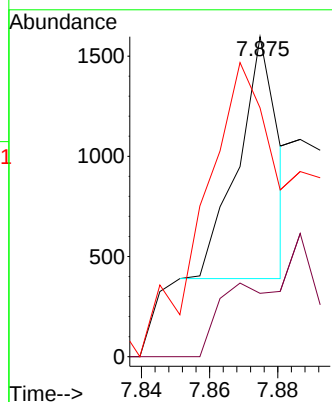
Tgt Ion: 56 Resp: 988

Ion Ratio Lower Upper

56 100

69 34.8 23.3 34.9

84 210.3 74.7 112.1#



#30

1,1,1-Trichloroethane

Concen: 0.887 ug/L

RT: 7.792 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

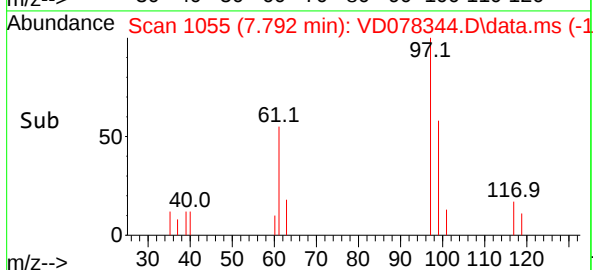
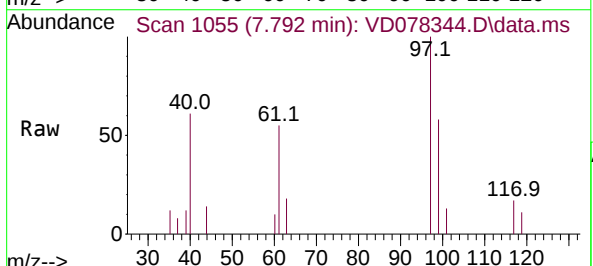
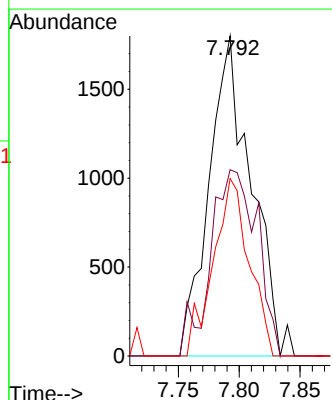
Tgt Ion: 97 Resp: 4289

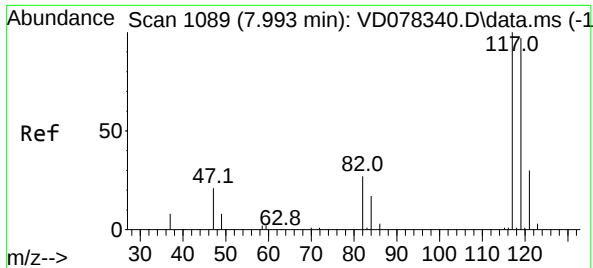
Ion Ratio Lower Upper

97 100

99 39.4 50.7 76.1#

61 47.6 34.4 51.6

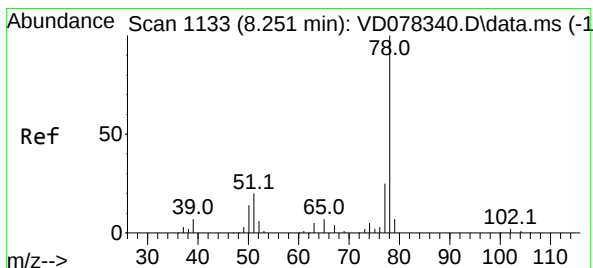
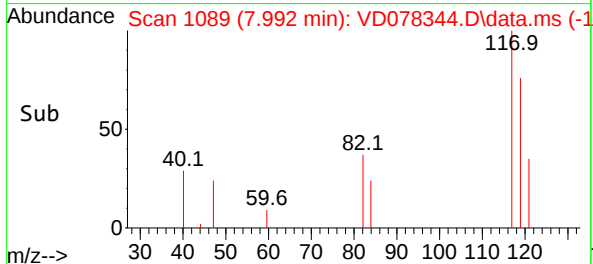
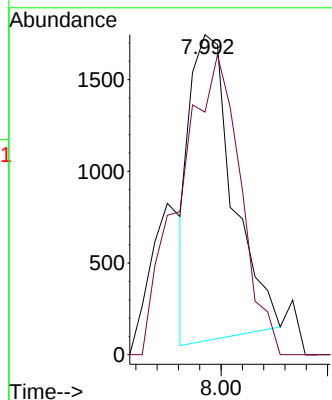
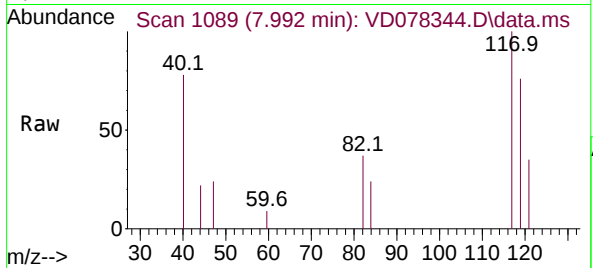




#31
Carbon tetrachloride
Concen: 0.550 ug/L
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

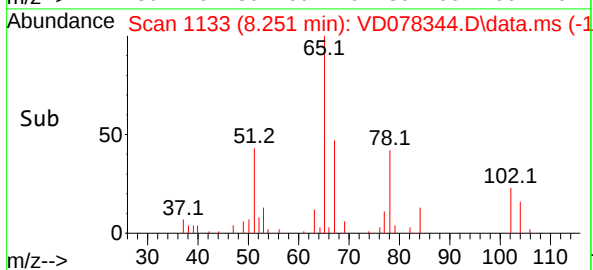
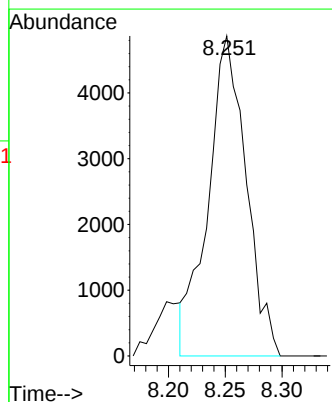
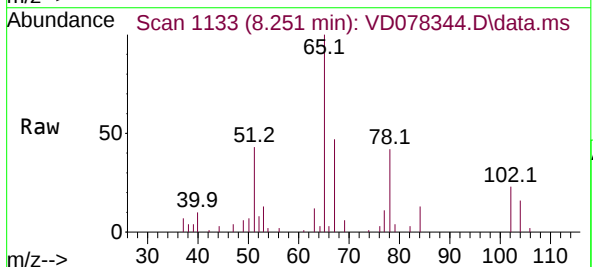
Instrument :
MSVOA_D
ClientSampleId :

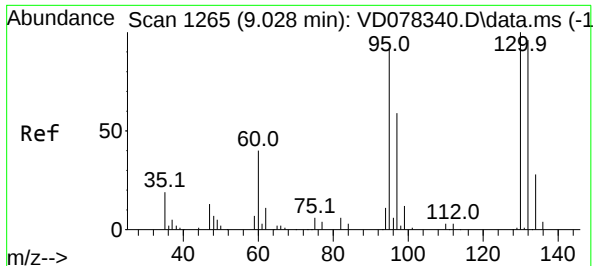
Tgt Ion:117 Resp: 2343
Ion Ratio Lower Upper
117 100
119 137.3 77.0 115.4#



#33
Benzene
Concen: 0.852 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion: 78 Resp: 11323





#34

Trichloroethene

Concen: 0.826 ug/L

RT: 9.022 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 2774

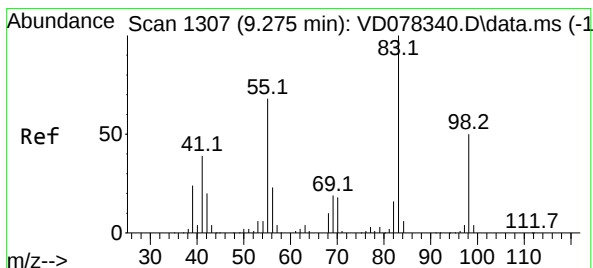
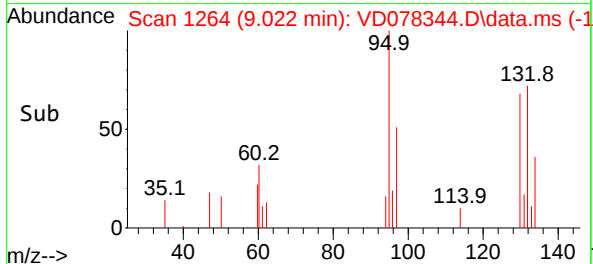
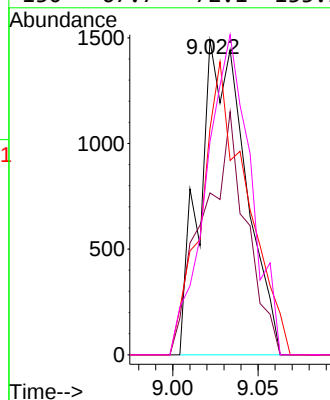
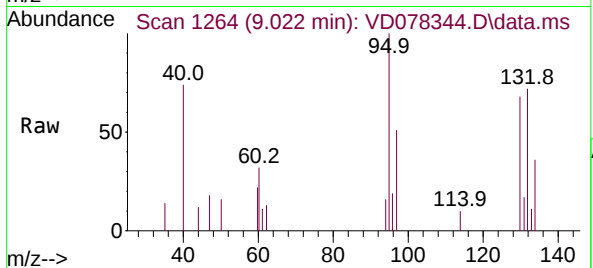
Ion Ratio Lower Upper

95 100

97 51.4 46.9 87.1

132 71.8 73.7 136.9#

130 67.7 72.1 133.9#



#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

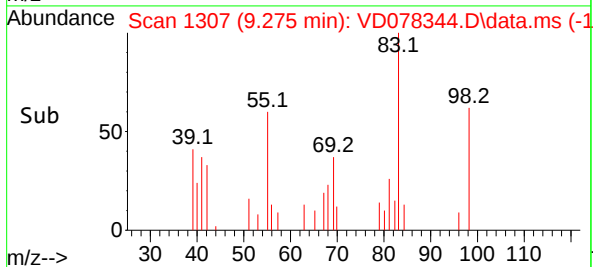
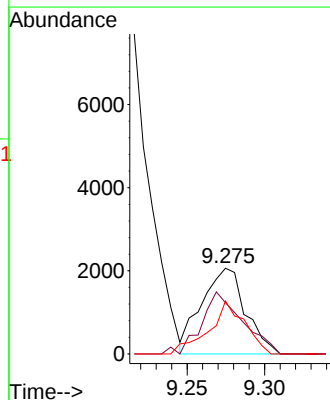
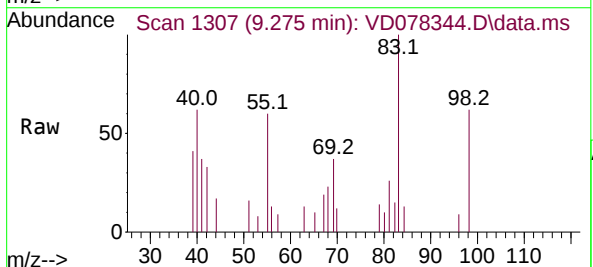
Tgt Ion: 83 Resp: 4073

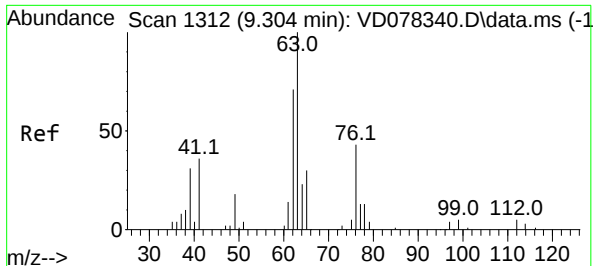
Ion Ratio Lower Upper

83 100

55 66.1 56.2 84.4

98 50.2 41.2 61.8





#37

1,2-Dichloropropane

Concen: 0.899 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

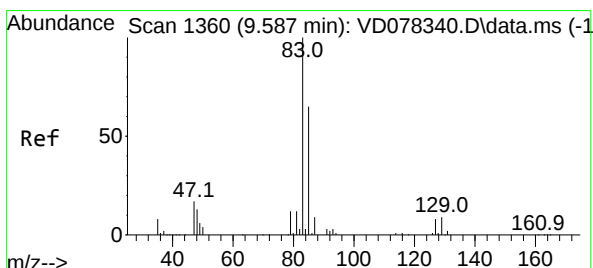
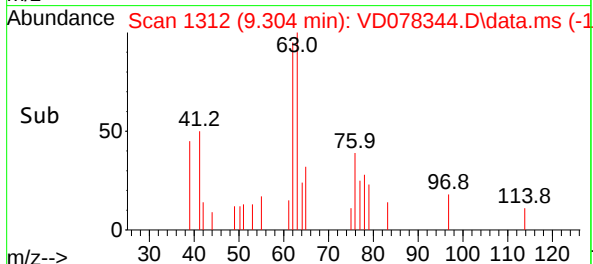
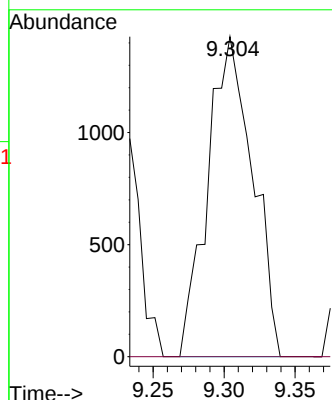
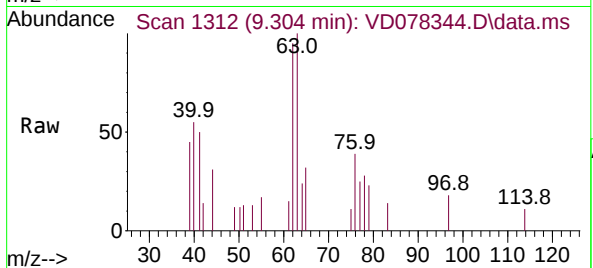
ClientSampleId :

Tgt Ion: 63 Resp: 3148

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.819 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

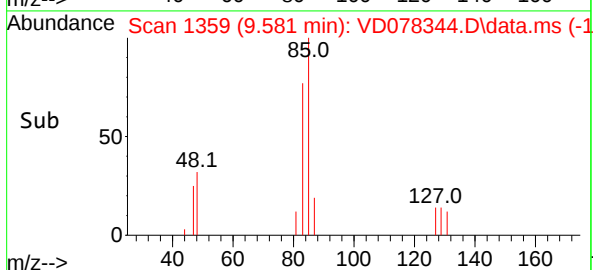
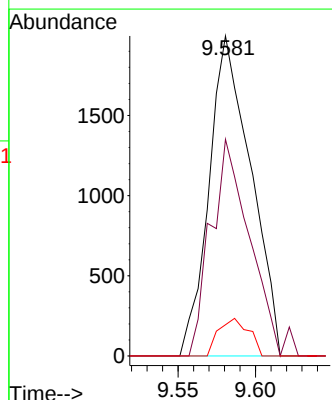
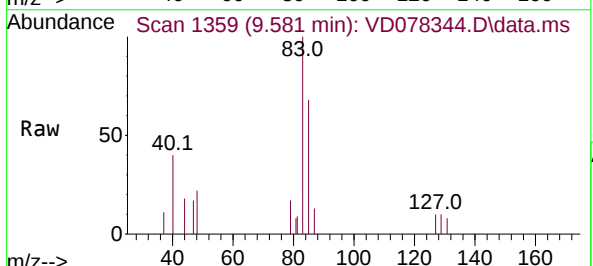
Tgt Ion: 83 Resp: 3745

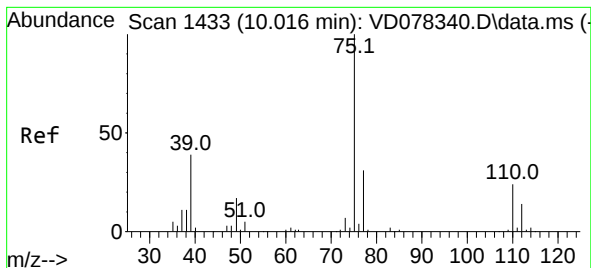
Ion Ratio Lower Upper

83 100

85 67.7 46.6 86.6

127 9.8 8.1 12.1

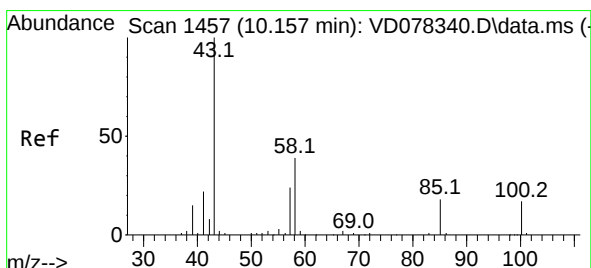
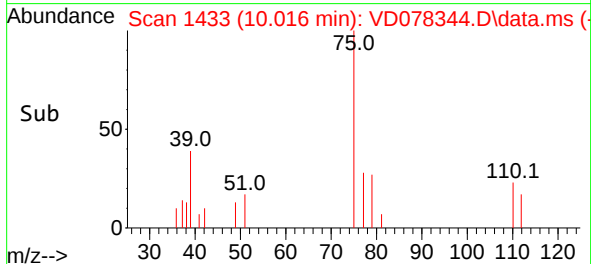
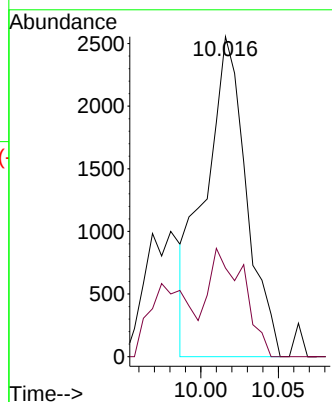
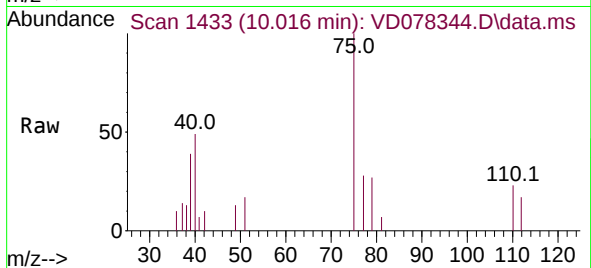




#39
 cis-1,3-Dichloropropene
 Concen: 0.873 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

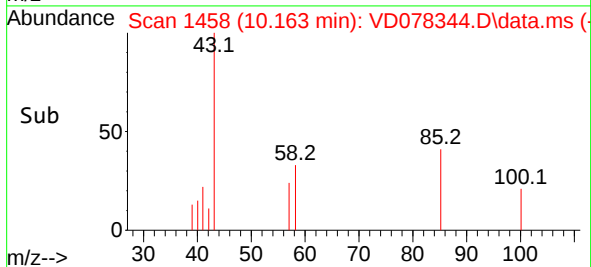
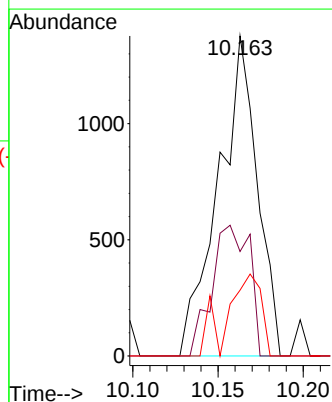
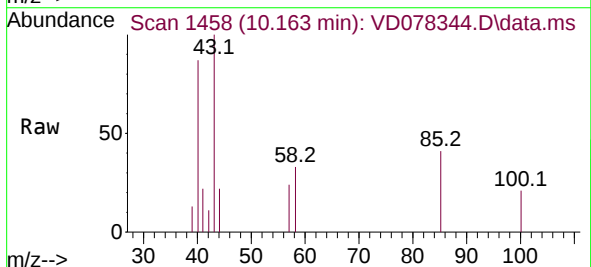
Instrument :
 MSVOA_D
 ClientSampleId :

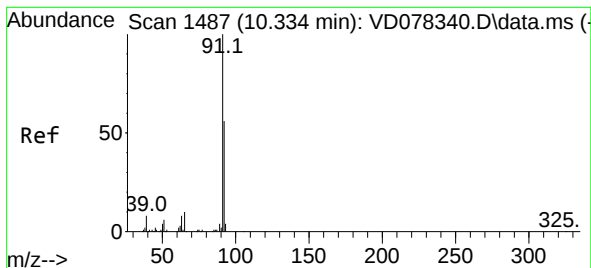
Tgt Ion: 75 Resp: 4759
 Ion Ratio Lower Upper
 75 100
 77 27.7 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 1.006 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

Tgt Ion: 43 Resp: 2188
 Ion Ratio Lower Upper
 43 100
 58 31.1 34.0 51.0#
 100 18.6 13.2 19.8





#42

Toluene

Concen: 0.820 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

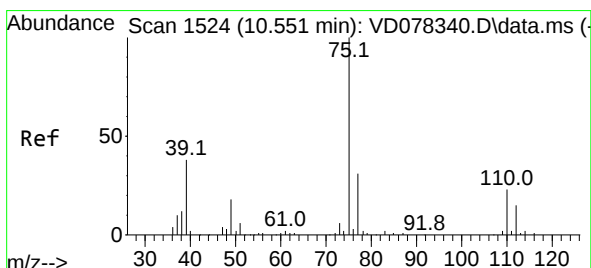
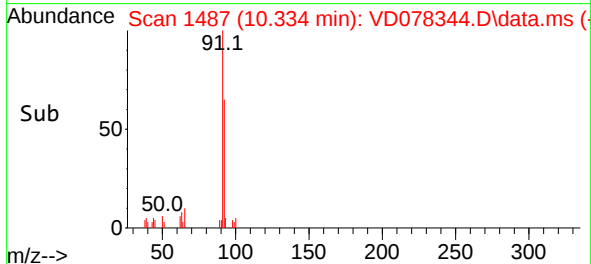
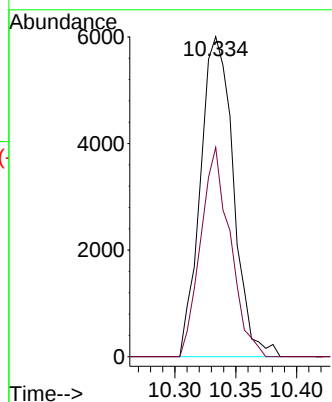
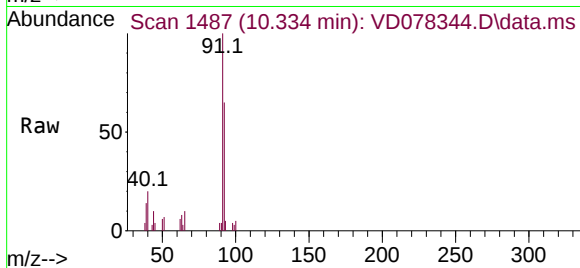
ClientSampleId :

Tgt Ion: 91 Resp: 11341

Ion Ratio Lower Upper

91 100

92 65.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.784 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078344.D

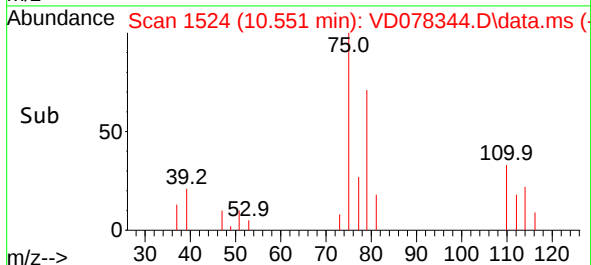
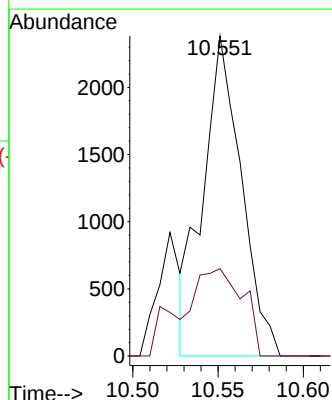
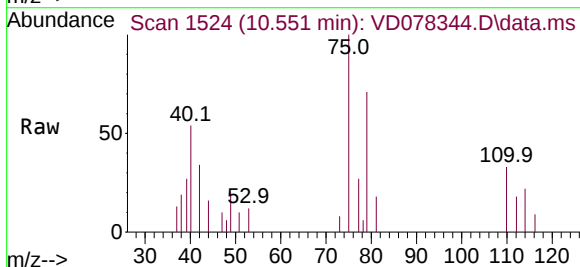
Acq: 05 Feb 2024 13:19

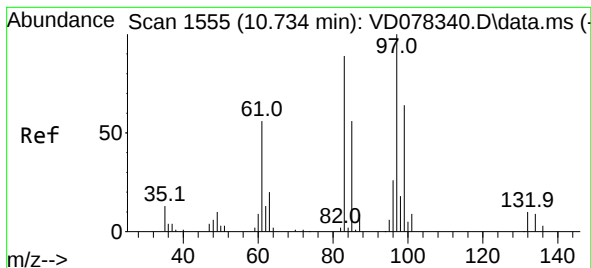
Tgt Ion: 75 Resp: 3742

Ion Ratio Lower Upper

75 100

77 27.3 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 0.671 ug/L

RT: 10.739 min Scan# 1555

Delta R.T. 0.006 min

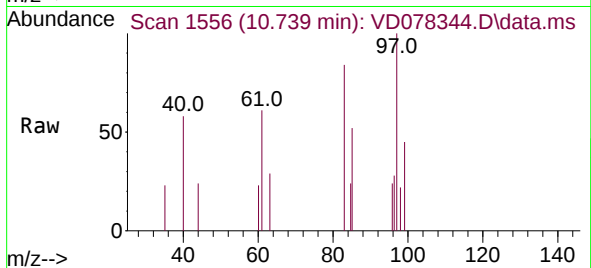
Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 1875

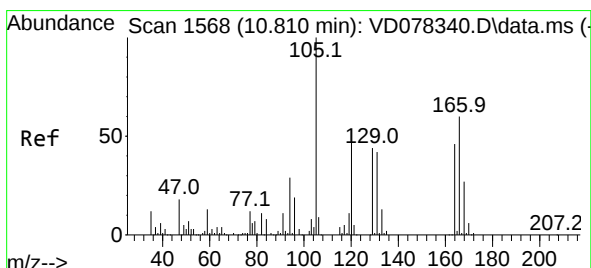
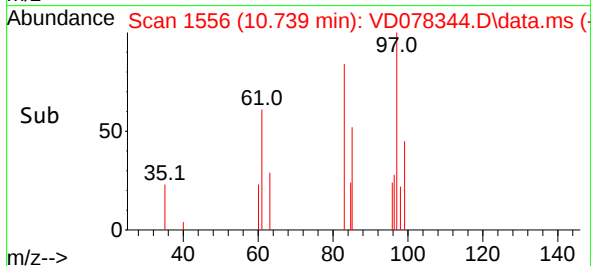
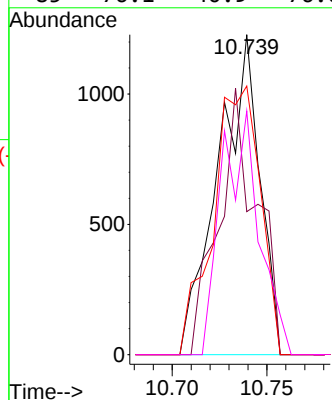
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

97	100		
----	-----	--	--

99	44.7	45.4	84.4#
----	------	------	-------

83	84.0	59.5	110.5
----	------	------	-------

85	76.1	40.9	76.0#
----	------	------	-------



#46

Tetrachloroethene

Concen: 0.963 ug/L

RT: 10.822 min Scan# 1570

Delta R.T. 0.012 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Tgt Ion:164 Resp: 2221

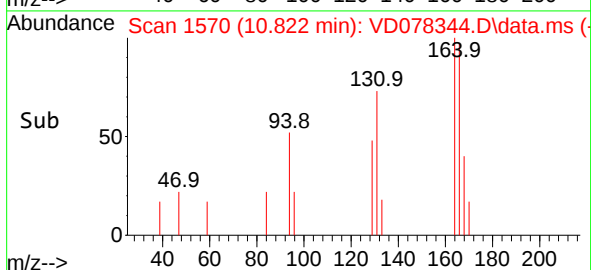
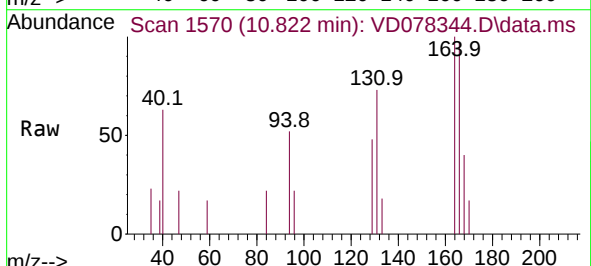
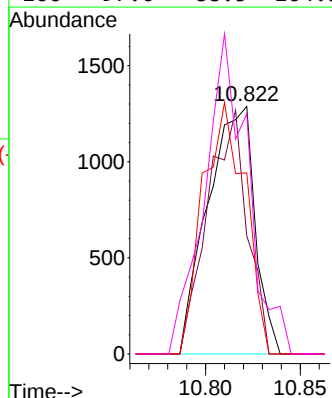
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

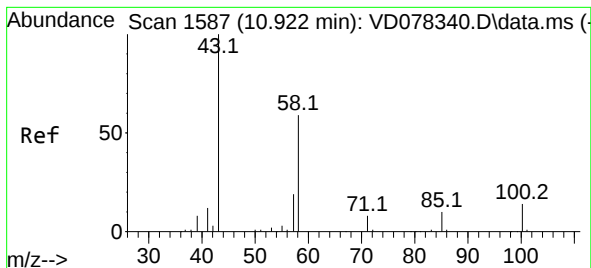
164	100		
-----	-----	--	--

129	47.7	66.7	123.9#
-----	------	------	--------

131	73.1	65.2	121.0
-----	------	------	-------

166	97.0	88.5	164.3
-----	------	------	-------





#48

2-Hexanone

Concen: 0.862 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 1529

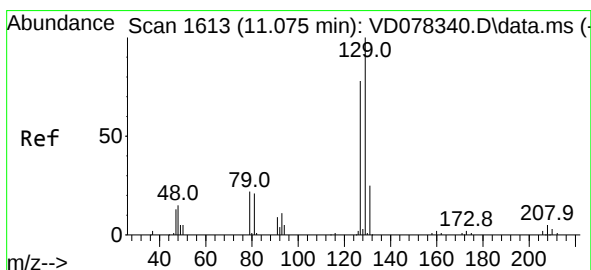
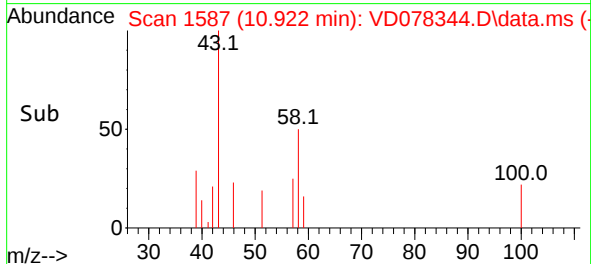
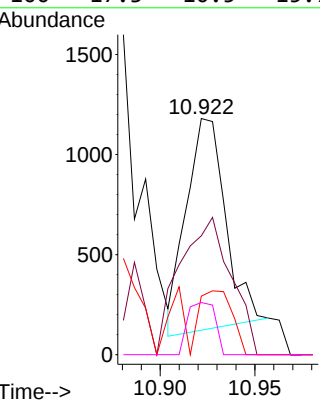
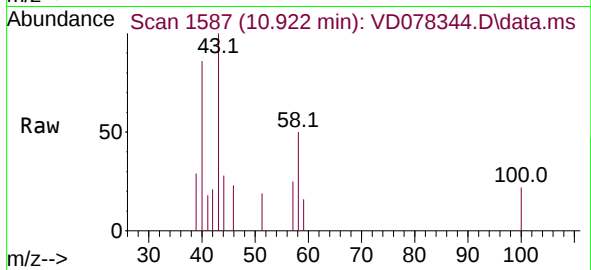
Ion Ratio Lower Upper

43 100

58 84.8 48.5 72.7#

57 25.5 15.6 23.4#

100 17.3 10.5 15.7#



#49

Dibromochloromethane

Concen: 0.810 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078344.D

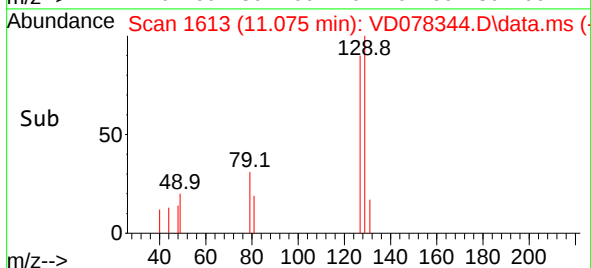
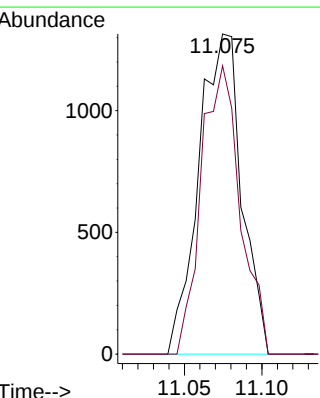
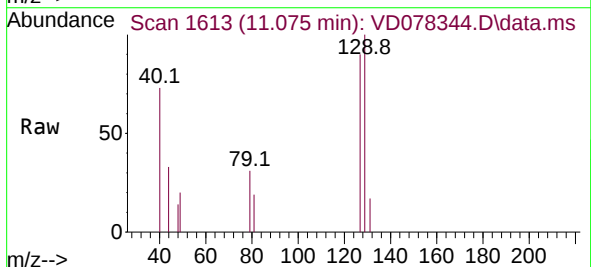
Acq: 05 Feb 2024 13:19

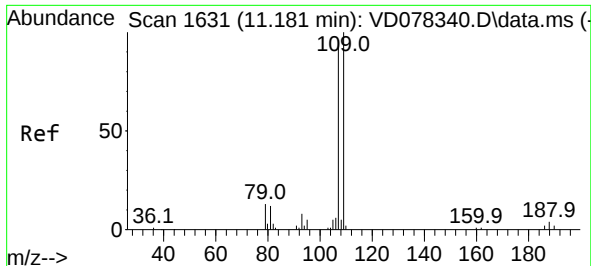
Tgt Ion:129 Resp: 2542

Ion Ratio Lower Upper

129 100

127 90.0 52.7 97.9

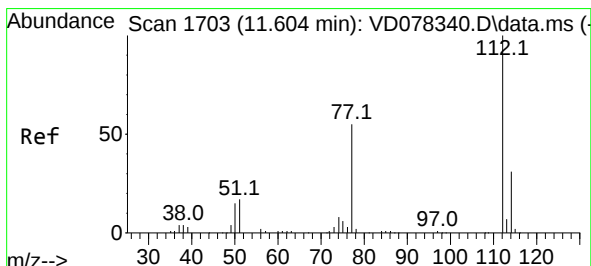
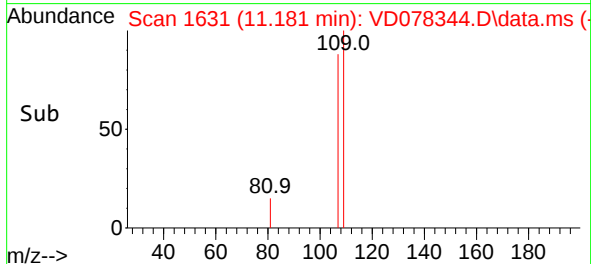
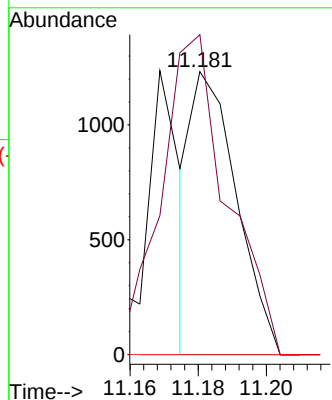
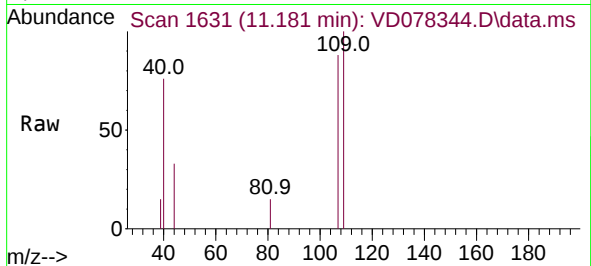




#50
1,2-Dibromoethane
Concen: 0.413 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

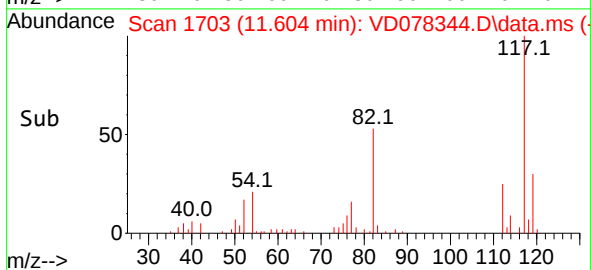
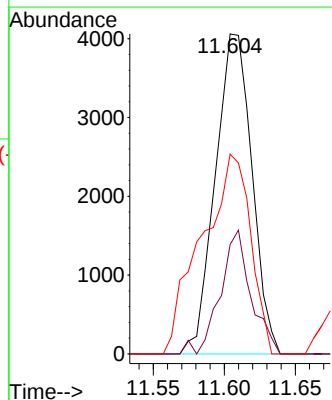
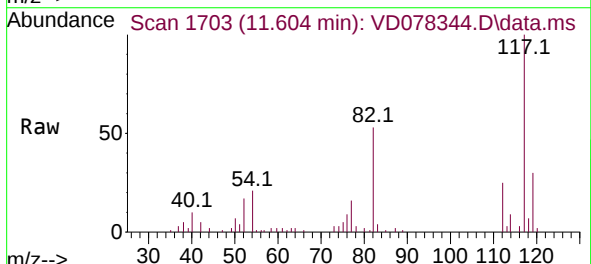
Instrument :
MSVOA_D
ClientSampleId :

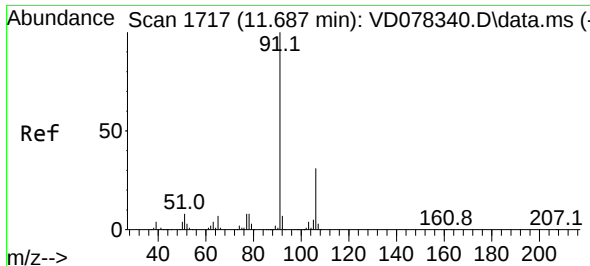
Tgt Ion:107 Resp: 1124
Ion Ratio Lower Upper
107 100
109 113.1 64.0 118.8
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.815 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion:112 Resp: 7303
Ion Ratio Lower Upper
112 100
114 34.2 22.3 41.3
77 62.5 42.3 63.5

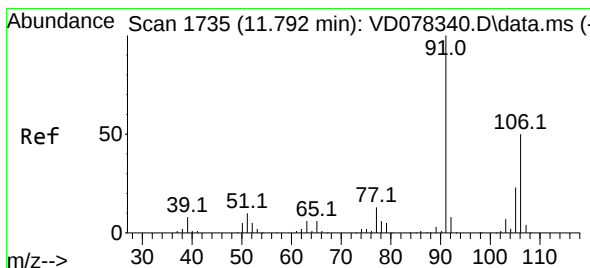
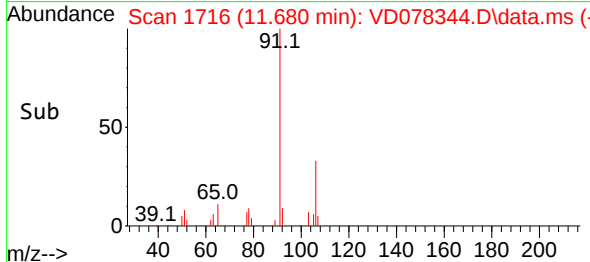
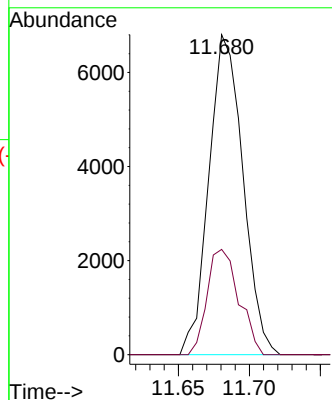
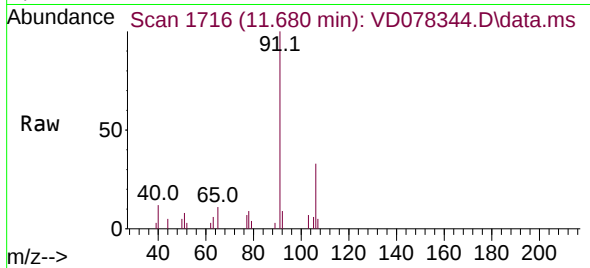




#52
Ethylbenzene
Concen: 0.764 ug/L
RT: 11.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

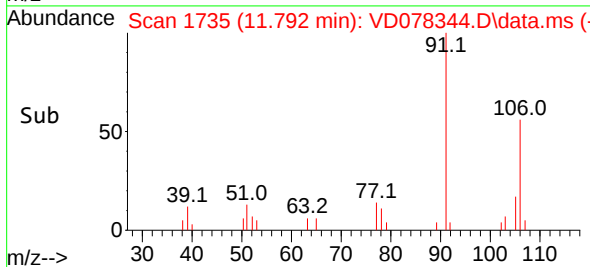
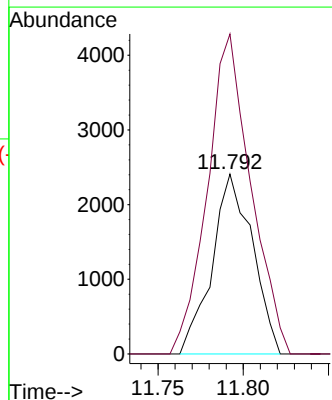
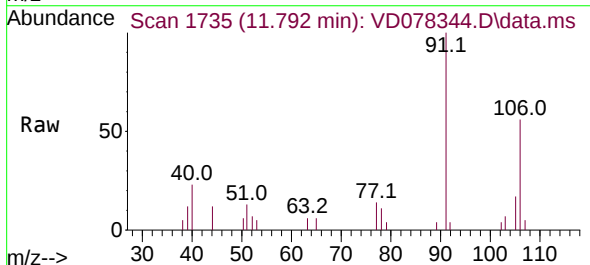
Instrument :
MSVOA_D
ClientSampleId :

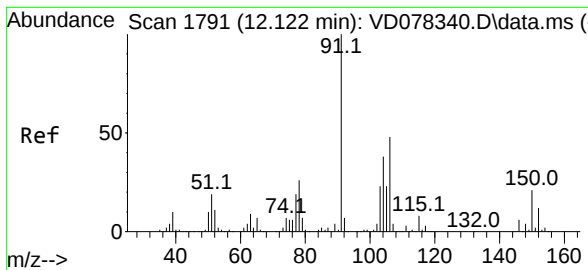
Tgt Ion: 91 Resp: 11349
Ion Ratio Lower Upper
91 100
106 32.9 22.5 41.7



#53
m,p-Xylene
Concen: 0.695 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion: 106 Resp: 3970
Ion Ratio Lower Upper
106 100
91 177.9 138.3 256.8

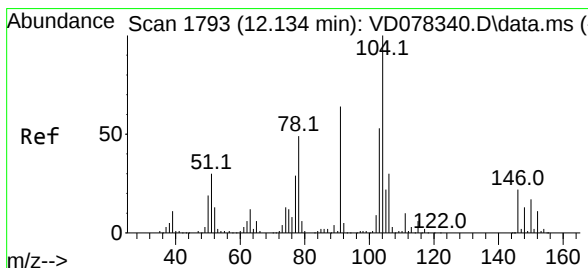
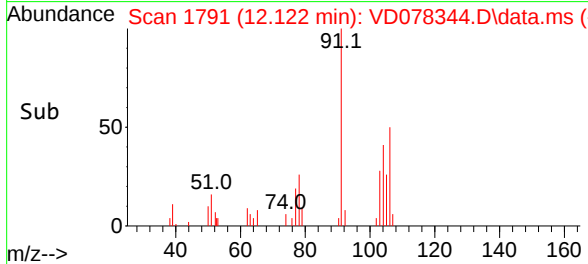
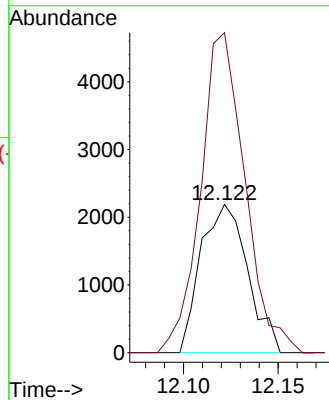
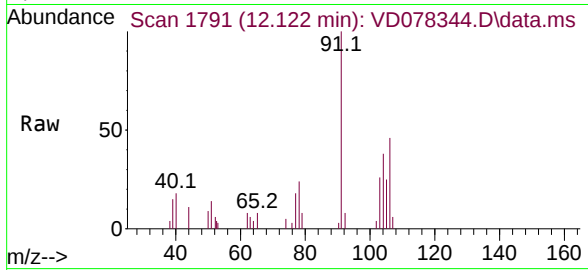




#54
o-Xylene
Concen: 0.682 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

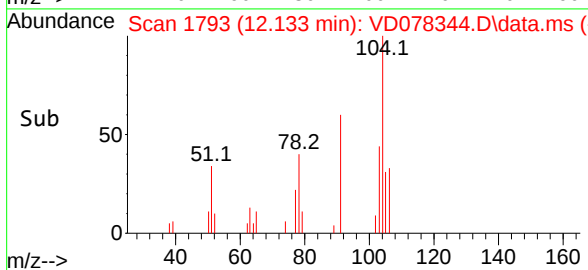
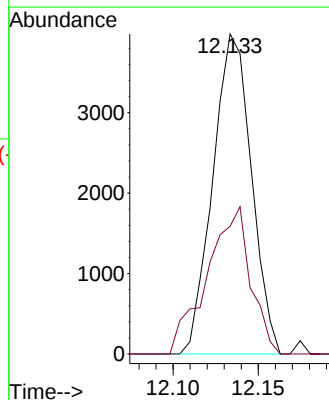
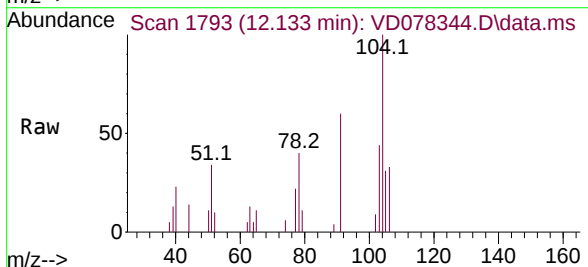
Instrument :
MSVOA_D
ClientSampleId :

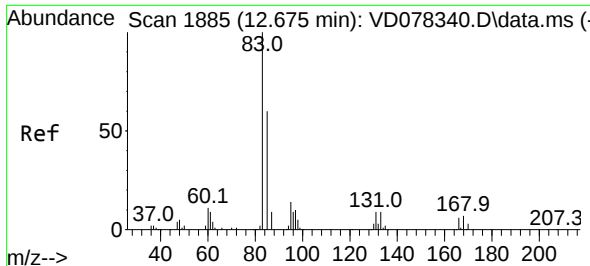
Tgt Ion:106 Resp: 3754
Ion Ratio Lower Upper
106 100
91 215.8 148.0 274.8



#55
Styrene
Concen: 0.631 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion:104 Resp: 6269
Ion Ratio Lower Upper
104 100
78 39.9 29.5 54.7

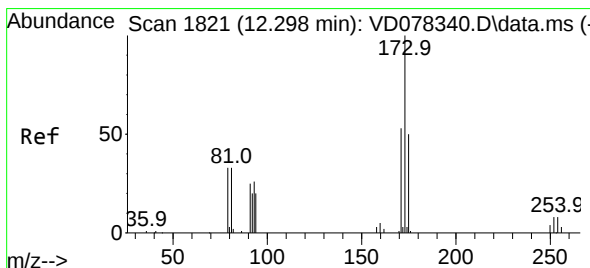
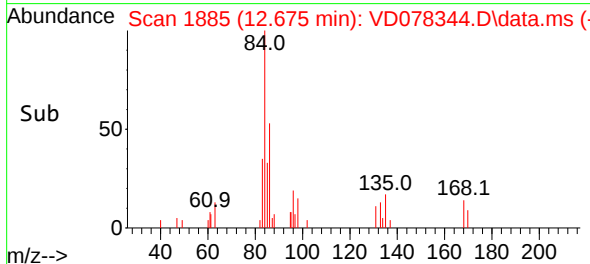
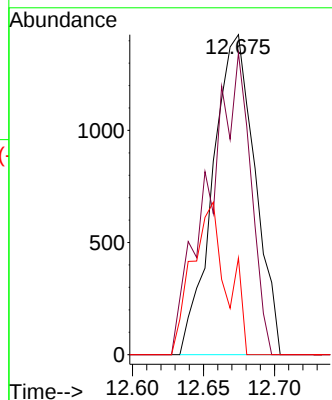
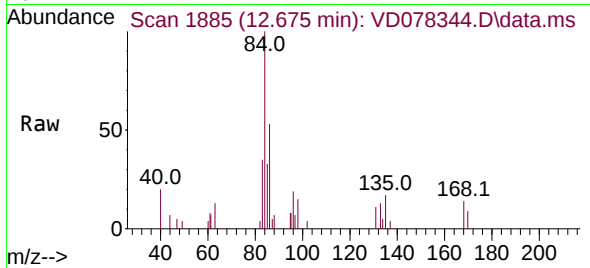




#57
1,1,2-Tetrachloroethane
Concen: 0.825 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

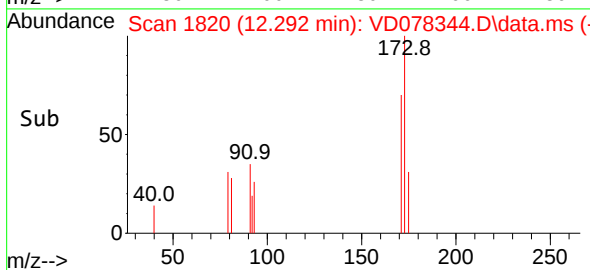
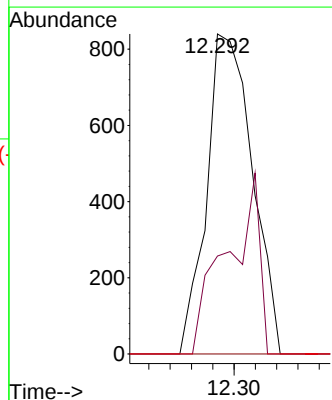
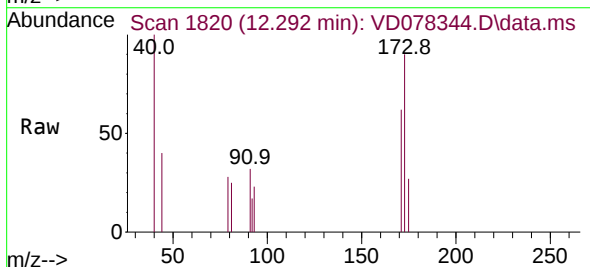
Instrument :
MSVOA_D
ClientSampleId :

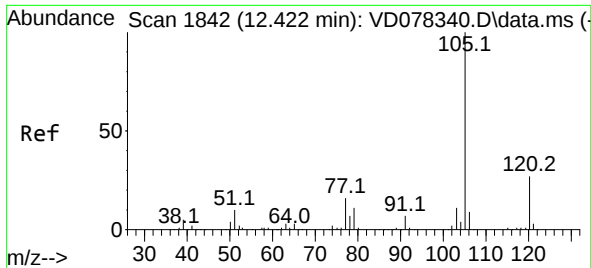
Tgt Ion: 83 Resp: 2953
Ion Ratio Lower Upper
83 100
85 94.3 42.6 79.0#
131 30.2 6.0 9.0#



#59
Bromoform
Concen: 0.784 ug/L
RT: 12.292 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion: 173 Resp: 1253
Ion Ratio Lower Upper
173 100
175 27.3 40.2 60.4#
254 0.0 6.6 9.8#

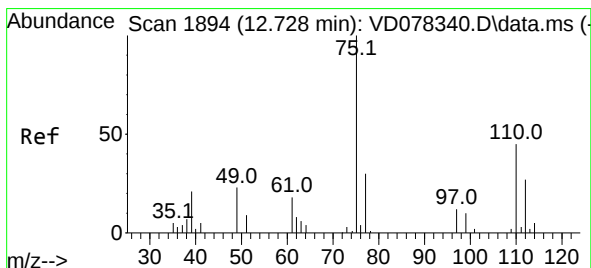
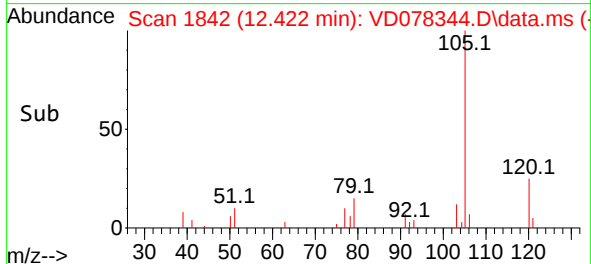
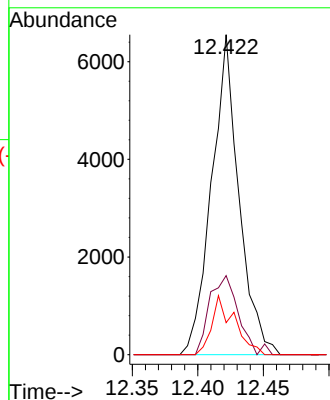
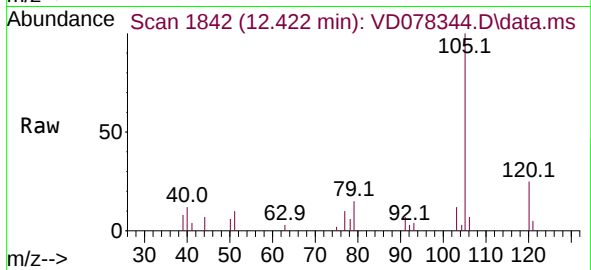




#60
Isopropylbenzene
Concen: 0.789 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

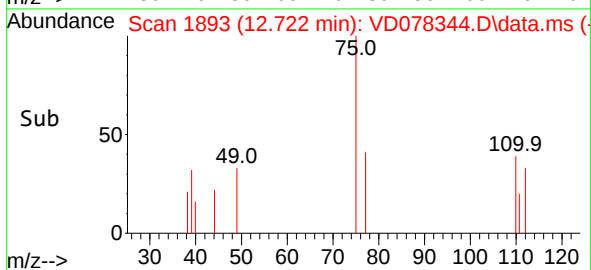
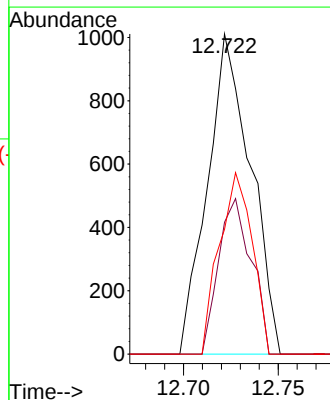
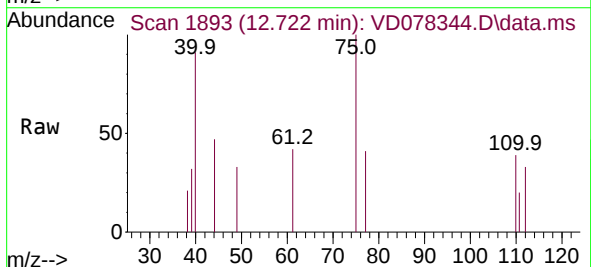
Instrument :
MSVOA_D
ClientSampleId :

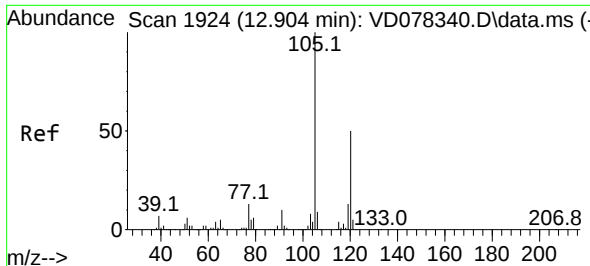
Tgt Ion:	105	Resp:	9492
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.4	30.6
77	15.3	12.4	18.6



#61
1,2,3-Trichloropropane
Concen: 0.788 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion:	75	Resp:	1601
Ion Ratio	Lower	Upper	
75	100		
77	36.9	26.5	39.7
110	43.2	31.8	47.8





#62

1,3,5-Trimethylbenzene

Concen: 0.648 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

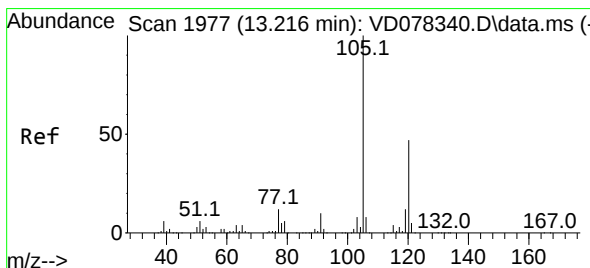
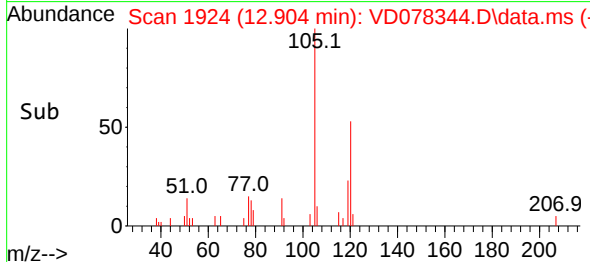
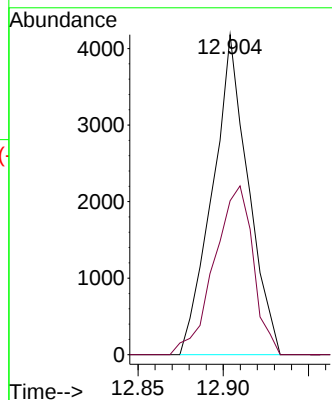
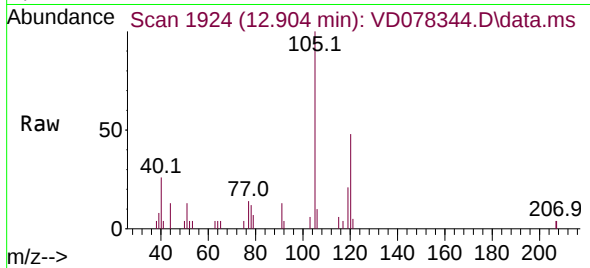
ClientSampleId :

Tgt Ion:105 Resp: 6099

Ion Ratio Lower Upper

105 100

120 57.3 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 0.696 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078344.D

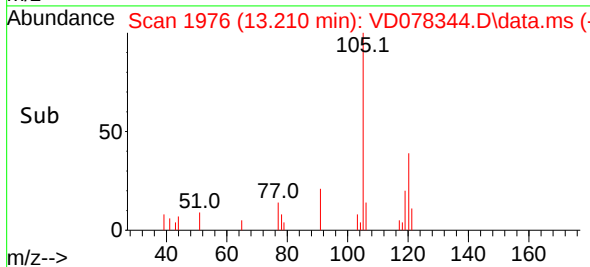
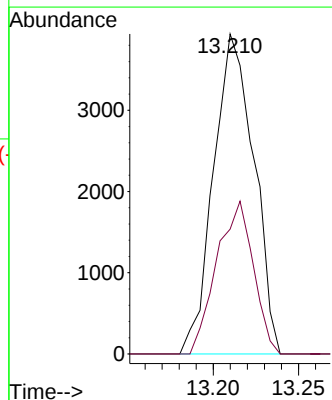
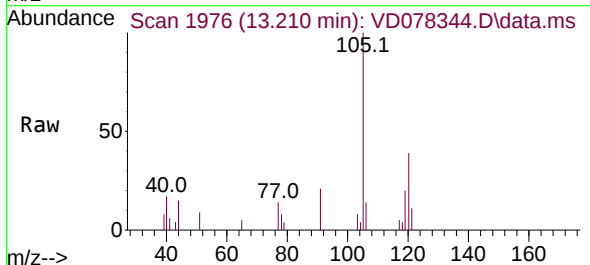
Acq: 05 Feb 2024 13:19

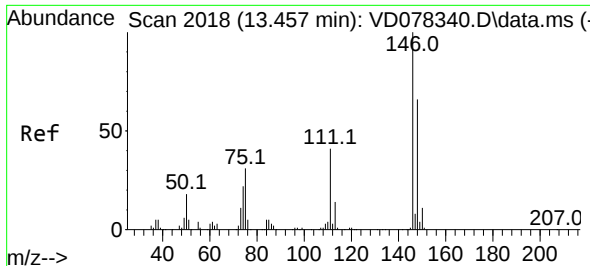
Tgt Ion:105 Resp: 6486

Ion Ratio Lower Upper

105 100

120 43.4 37.0 55.4

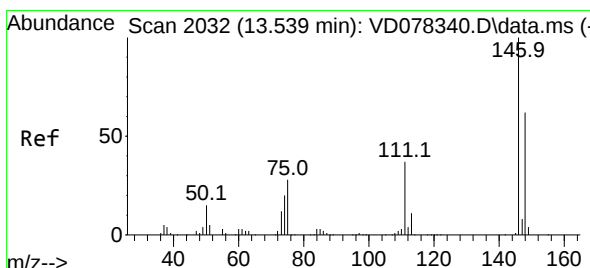
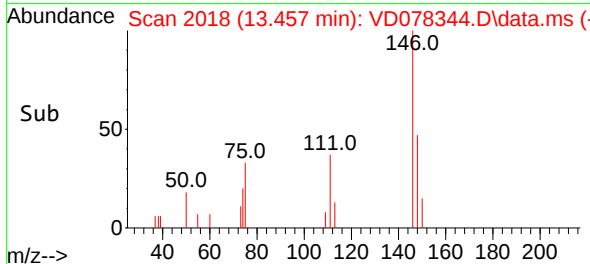
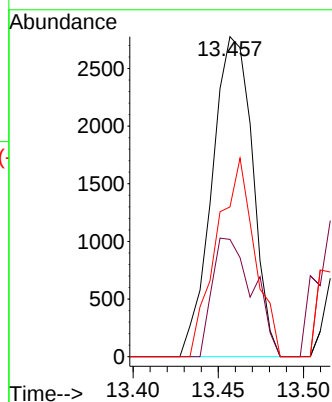
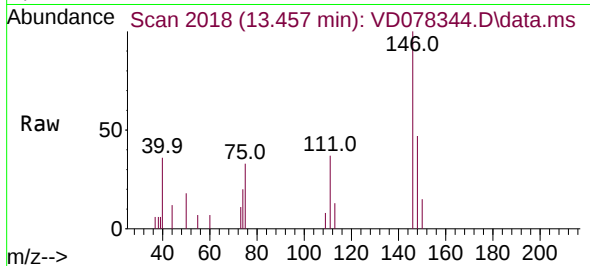




#64
1,3-Dichlorobenzene
Concen: 0.856 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

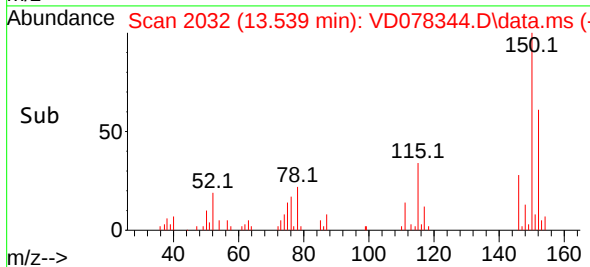
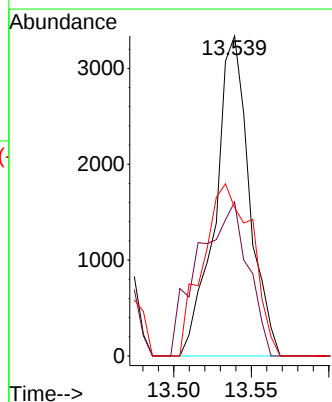
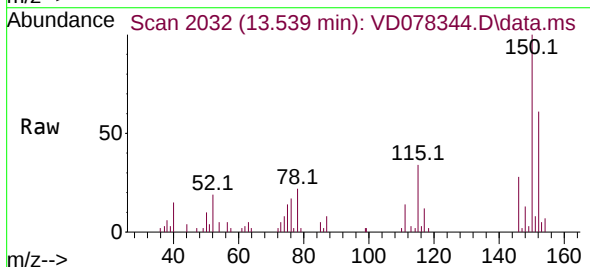
Instrument :
MSVOA_D
ClientSampleId :

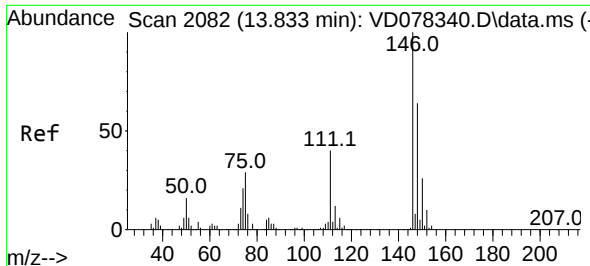
Tgt Ion:146 Resp: 4598
Ion Ratio Lower Upper
146 100
111 36.7 28.6 53.0
148 46.8 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 0.907 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

Tgt Ion:146 Resp: 5098
Ion Ratio Lower Upper
146 100
111 48.1 26.4 49.0
148 46.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.937 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078344.D

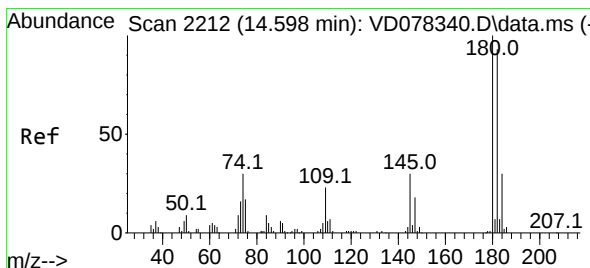
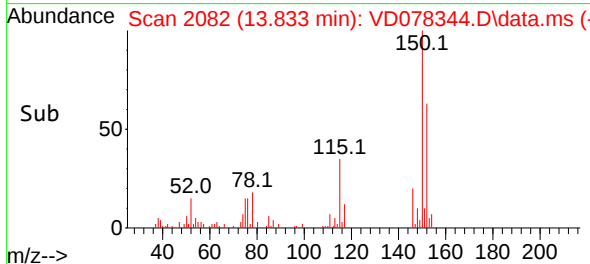
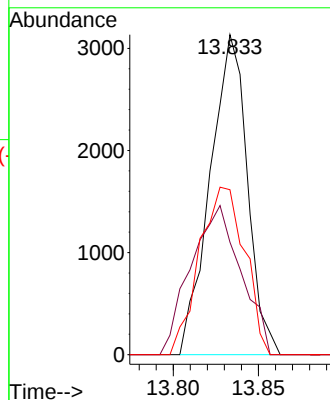
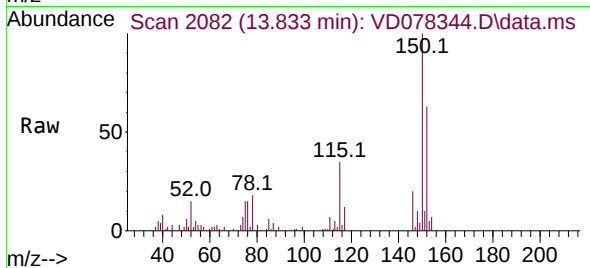
Acq: 05 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	4761
Ion Ratio	Lower	Upper
146	100	
111	35.1	33.6 50.4
148	51.6	48.4 72.6



#69

1,3,5-Trichlorobenzene

Concen: 0.832 ug/L

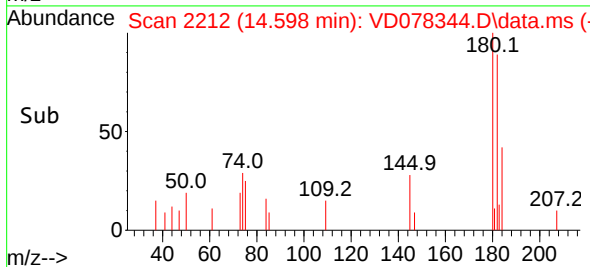
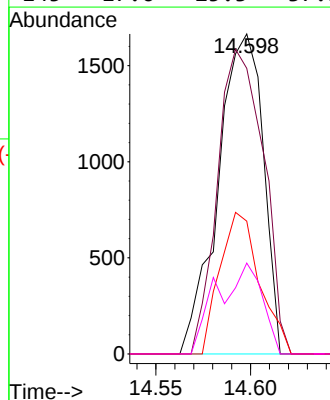
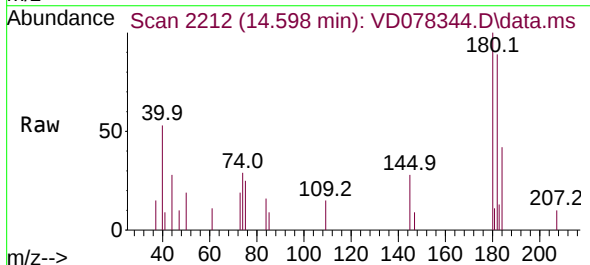
RT: 14.598 min Scan# 2212

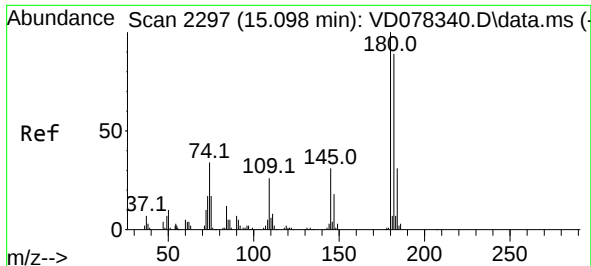
Delta R.T. -0.000 min

Lab File: VD078344.D

Acq: 05 Feb 2024 13:19

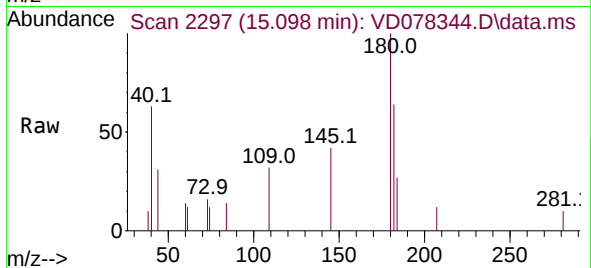
Tgt Ion:180	Resp:	2754
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.6 113.4
184	39.2	23.2 34.8#
145	17.6	25.3 37.9#



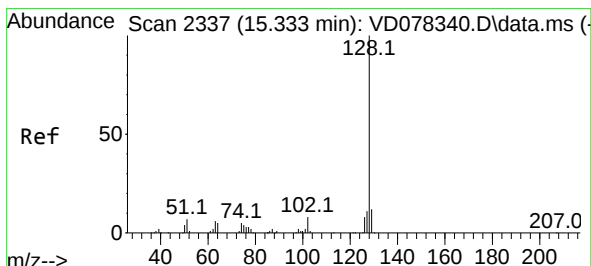
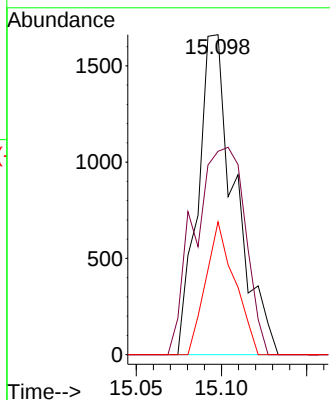
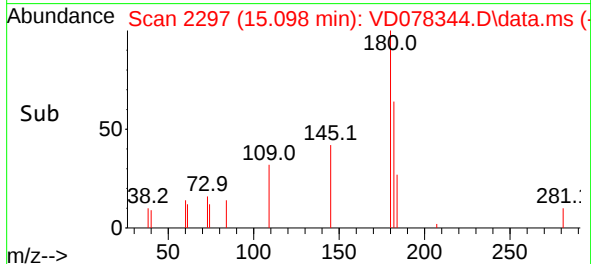


#70
1,2,4-trichlorobenzene
Concen: 0.882 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19

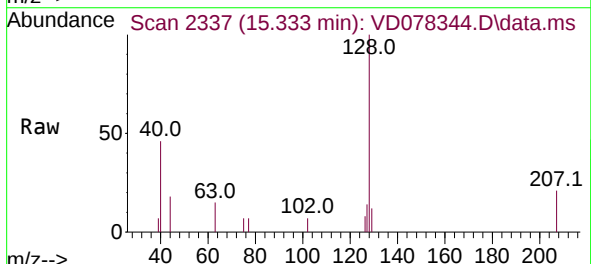
Instrument :
MSVOA_D
ClientSampleId :



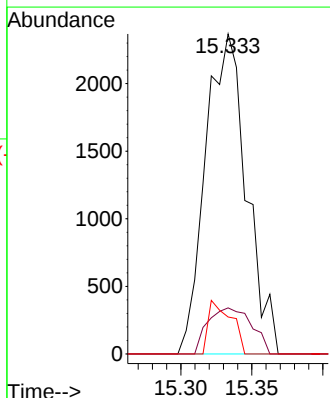
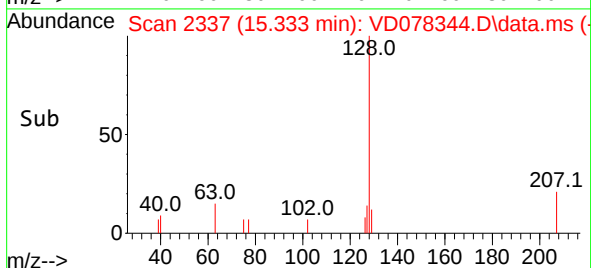
Tgt Ion:180	Resp:	2523
Ion	Ratio	Lower Upper
180	100	
182	88.5	76.2 114.4
145	32.4	25.0 37.6

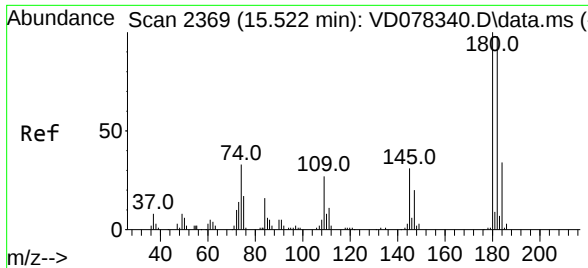


#71
Naphthalene
Concen: 0.710 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078344.D
Acq: 05 Feb 2024 13:19



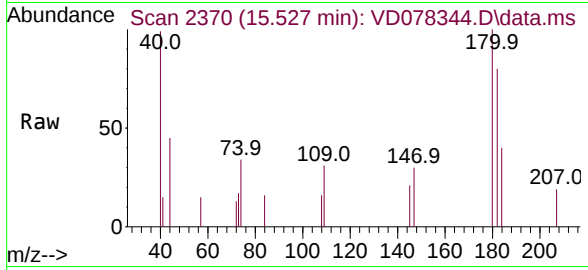
Tgt Ion:128	Resp:	4754
Ion	Ratio	Lower Upper
128	100	
127	15.4	11.0 16.4
129	9.3	8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.408 ug/L
 RT: 15.527 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078344.D
 Acq: 05 Feb 2024 13:19

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 1090
 Ion Ratio Lower Upper
 180 100
 182 166.5 75.4 113.0#
 145 53.4 26.8 40.2#

