

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078345.D
 Acq On : 05 Feb 2024 13:46
 Operator : RP/MD
 Sample : MDL04
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 01:29:49 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	211247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	198091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	101223	16.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.560%
7) Chloroethane-d5	2.799	69	91543	18.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
11) 1,1-Dichloroethene-d2	3.916	65	21074	16.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.120%
21) 2-Butanone-d5	6.993	46	28641	32.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.920%
24) Chloroform-d	7.569	84	110032	18.269	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.080%
26) 1,2-Dichloroethane-d4	8.234	65	56659	17.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.720%#
32) Benzene-d6	8.204	84	219207	18.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.720%
36) 1,2-Dichloropropane-d6	9.204	67	70375	19.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.960%
41) Toluene-d8	10.269	98	183208	17.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.440%
43) trans-1,3-Dichloroprop...	10.528	79	26869	16.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.520%
47) 2-Hexanone-d5	10.875	63	23232	32.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57292	17.290	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	60673	20.894	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3028	0.727	ug/L	98
3) Chloromethane	2.146	50	4900	0.809	ug/L	85
5) Vinyl chloride	2.281	62	5805	0.775	ug/L #	64
6) Bromomethane	2.693	94	2692	0.793	ug/L	96
8) Chloroethane	2.840	64	3569	0.748	ug/L	86
9) Trichlorofluoromethane	3.175	101	2844	0.534	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	2522	0.761	ug/L #	50
12) 1,1-Dichloroethene	3.940	96	1597	0.521	ug/L #	1
13) Acetone	4.028	43	429	0.370	ug/L	100
14) Carbon disulfide	4.275	76	4956	0.439	ug/L #	89
15) Methyl Acetate	4.558	43	215	0.124	ug/L #	62
16) Methylene chloride	4.811	84	7553	1.823	ug/L	93
17) trans-1,2-Dichloroethene	5.322	96	1359	0.402	ug/L #	77
18) Methyl tert-butyl Ether	5.311	73	851	0.108	ug/L #	52
19) 1,1-Dichloroethane	6.110	63	2319	0.392	ug/L #	84
20) cis-1,2-Dichloroethene	7.075	96	1123	0.303	ug/L	82
22) 2-Butanone	7.075	43	419	0.299	ug/L #	44
23) Bromochloromethane	7.422	128	511	0.312	ug/L #	72
25) Chloroform	7.593	83	5672	0.879	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078345.D
 Acq On : 05 Feb 2024 13:46
 Operator : RP/MD
 Sample : MDL04
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 01:29:49 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

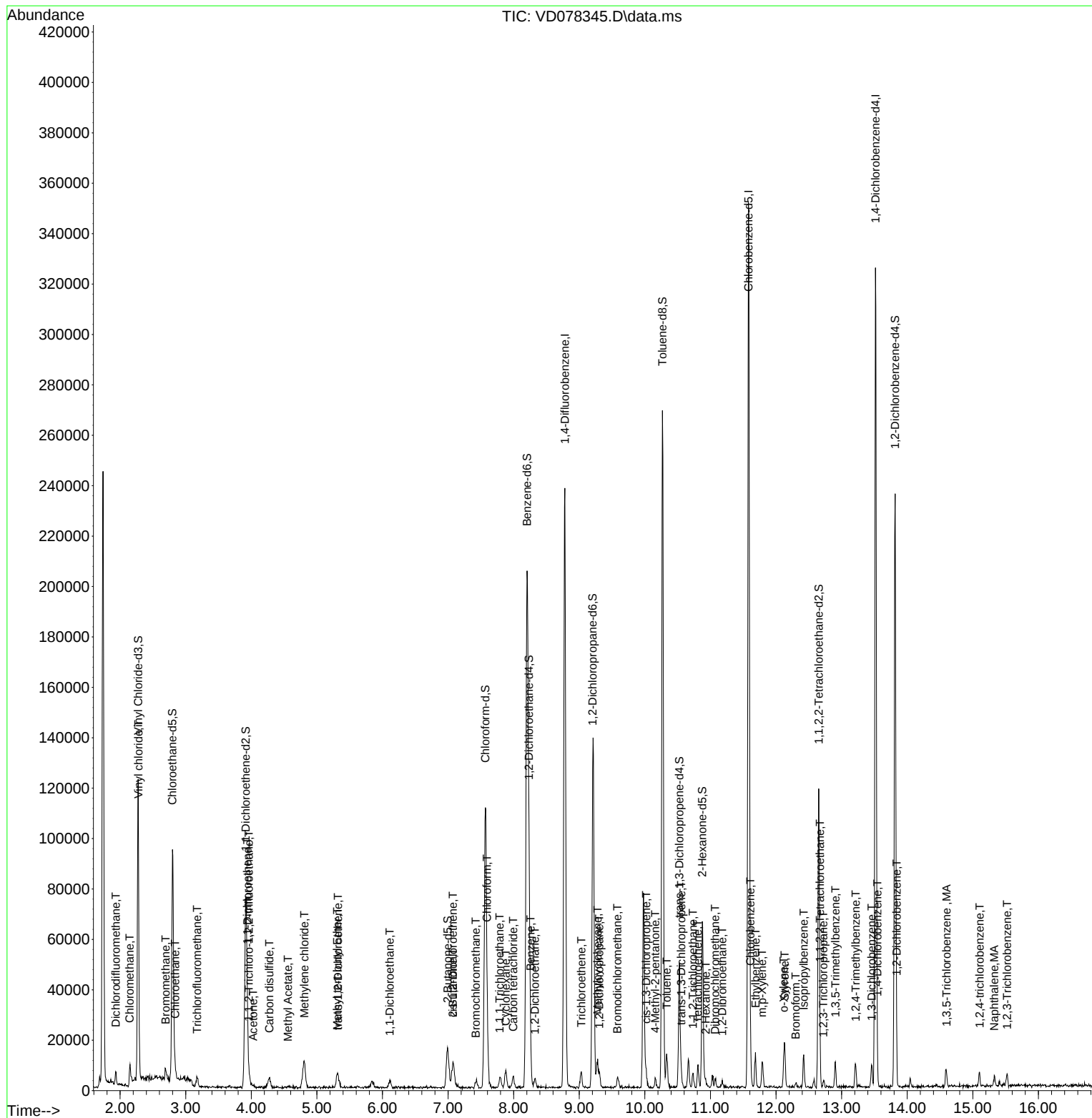
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	2635	0.636	ug/L #	69
29) Cyclohexane	7.881	56	1329	0.297	ug/L #	68
30) 1,1,1-Trichloroethane	7.787	97	2628	0.541	ug/L #	78
31) Carbon tetrachloride	7.993	117	3284	0.768	ug/L	86
33) Benzene	8.257	78	9803	0.734	ug/L	100
34) Trichloroethene	9.034	95	1392	0.413	ug/L	88
35) Methylcyclohexane	9.281	83	3696	0.701	ug/L	95
37) 1,2-Dichloropropane	9.304	63	2379	0.676	ug/L #	87
38) Bromodichloromethane	9.581	83	3356	0.731	ug/L #	60
39) cis-1,3-Dichloropropene	10.022	75	3746	0.684	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	2108	0.965	ug/L #	84
42) Toluene	10.334	91	9525	0.686	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	4472	0.934	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	1917	0.684	ug/L #	87
46) Tetrachloroethene	10.804	164	1715	0.741	ug/L #	76
48) 2-Hexanone	10.928	43	1975	1.108	ug/L #	68
49) Dibromochloromethane	11.069	129	2028	0.644	ug/L	98
50) 1,2-Dibromoethane	11.181	107	1571	0.574	ug/L #	84
51) Chlorobenzene	11.610	112	6212	0.691	ug/L #	89
52) Ethylbenzene	11.687	91	9139	0.613	ug/L	98
53) m,p-Xylene	11.787	106	3452	0.602	ug/L	88
54) o-Xylene	12.116	106	2781	0.503	ug/L	99
55) Styrene	12.134	104	4988	0.500	ug/L #	79
57) 1,1,2,2-Tetrachloroethane	12.669	83	2437	0.678	ug/L #	89
59) Bromoform	12.298	173	672	0.413	ug/L #	88
60) Isopropylbenzene	12.422	105	7782	0.635	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	1428	0.690	ug/L #	66
62) 1,3,5-Trimethylbenzene	12.904	105	5754	0.600	ug/L	95
63) 1,2,4-Trimethylbenzene	13.216	105	5808	0.612	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	4155	0.760	ug/L	88
65) 1,4-Dichlorobenzene	13.545	146	4367	0.763	ug/L #	80
67) 1,2-Dichlorobenzene	13.839	146	4452	0.861	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.598	180	2729	0.810	ug/L #	88
70) 1,2,4-trichlorobenzene	15.104	180	1855	0.637	ug/L #	82
71) Naphthalene	15.328	128	4009	0.588	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.522	180	1344	0.494	ug/L #	84

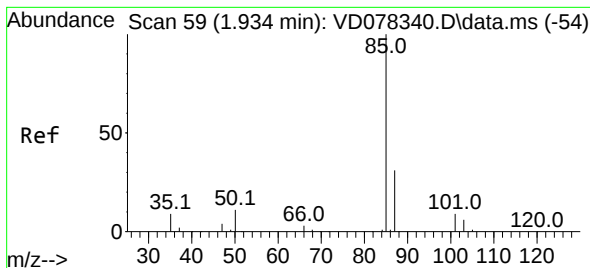
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
Data File : VD078345.D
Acq On : 05 Feb 2024 13:46
Operator : RP/MD
Sample : MDL04
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 06 01:29:49 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

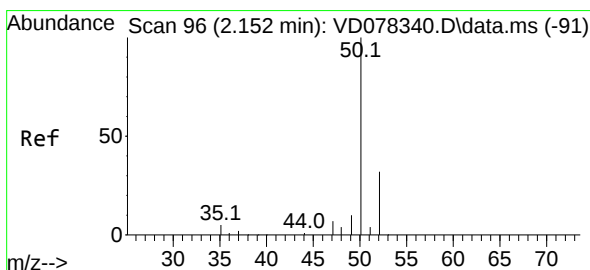
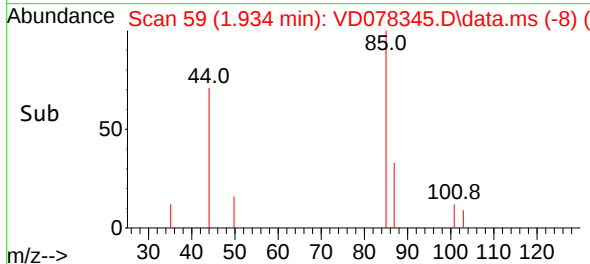
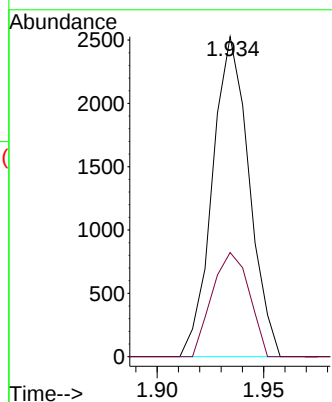
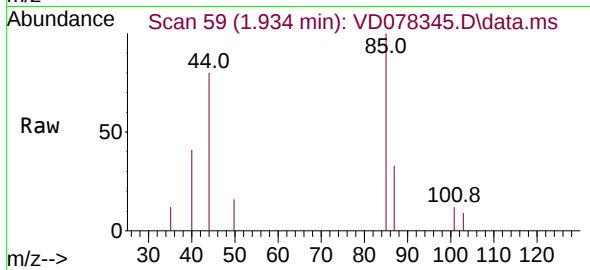




#2
Dichlorodifluoromethane
Concen: 0.727 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

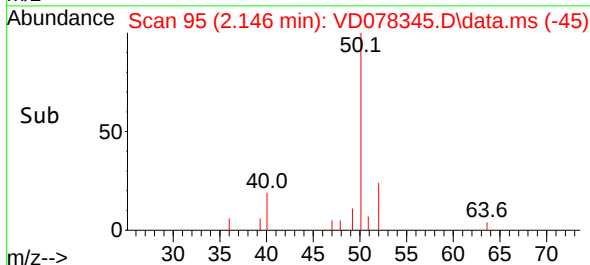
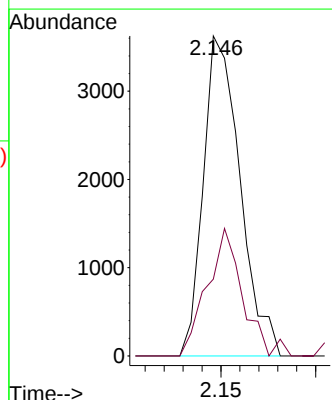
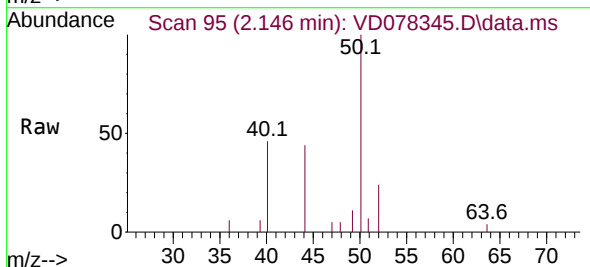
Instrument :
MSVOA_D
ClientSampleId :

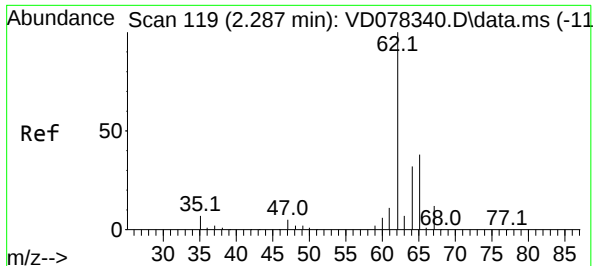
Tgt Ion: 85 Resp: 3028
Ion Ratio Lower Upper
85 100
87 32.9 25.3 37.9



#3
Chloromethane
Concen: 0.809 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion: 50 Resp: 4900
Ion Ratio Lower Upper
50 100
52 24.0 22.7 42.3

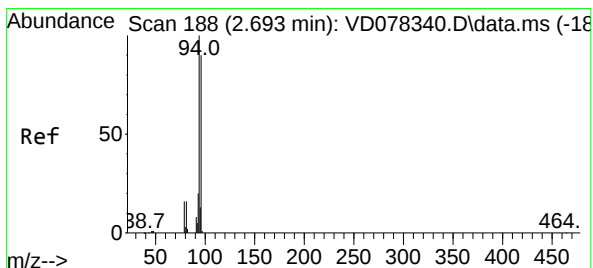
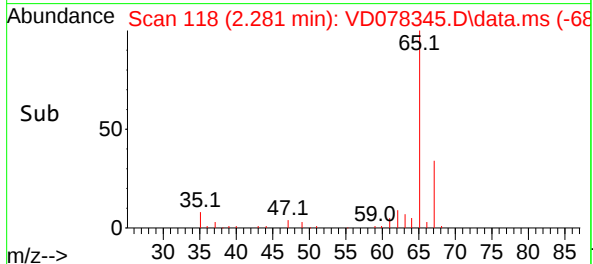
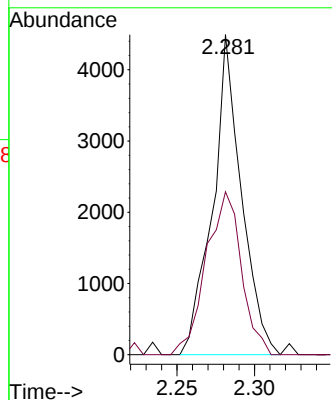
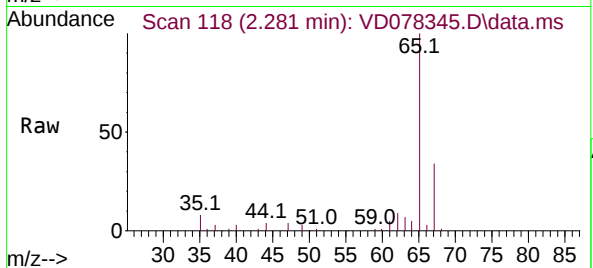




#5
 Vinyl chloride
 Concen: 0.775 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078345.D
 Acq: 05 Feb 2024 13:46

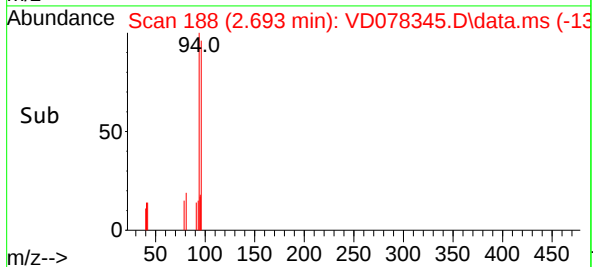
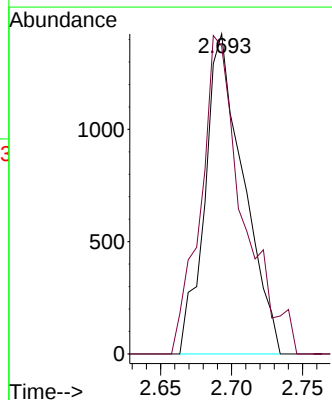
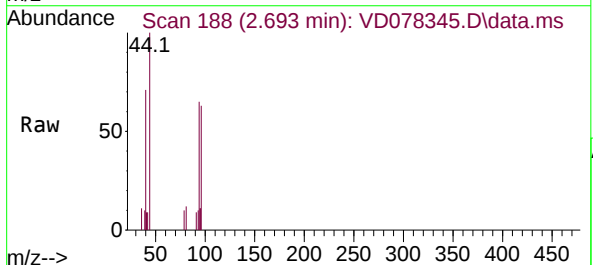
Instrument :
 MSVOA_D
 ClientSampleId :

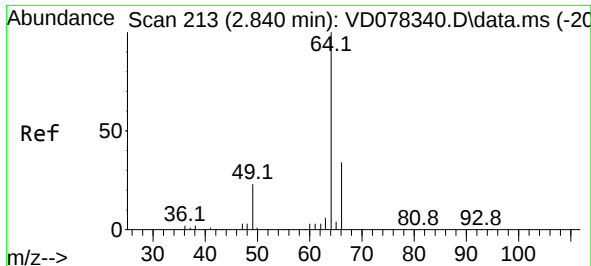
Tgt Ion: 62 Resp: 5805
 Ion Ratio Lower Upper
 62 100
 64 50.9 21.7 40.3#



#6
 Bromomethane
 Concen: 0.793 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD078345.D
 Acq: 05 Feb 2024 13:46

Tgt Ion: 94 Resp: 2692
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.8 120.4

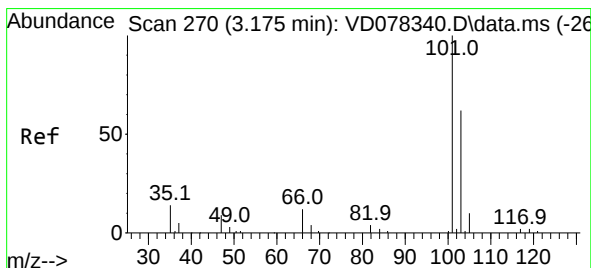
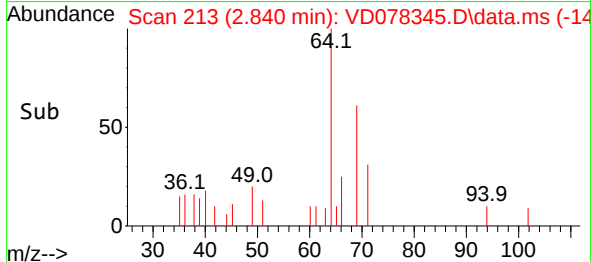
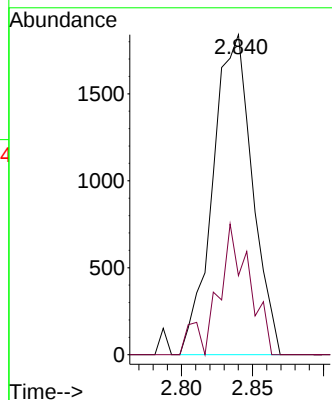
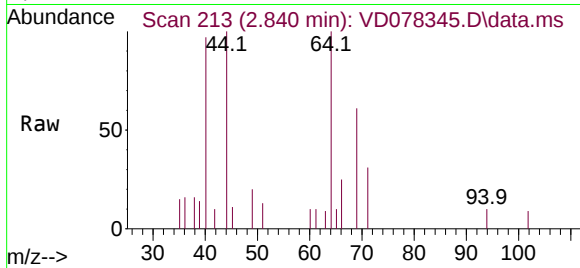




#8
Chloroethane
Concen: 0.748 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

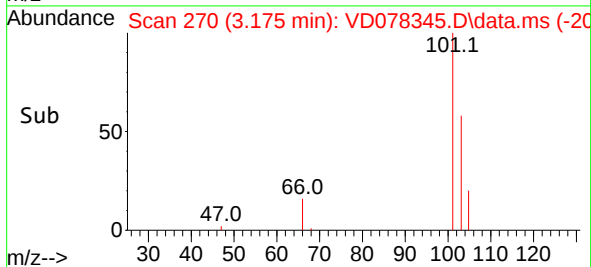
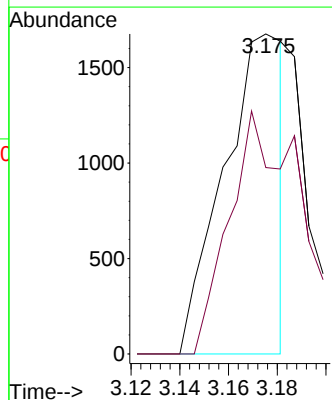
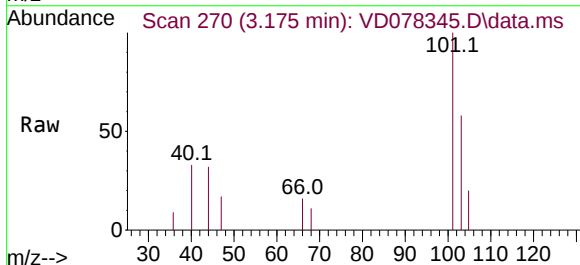
Instrument :
MSVOA_D
ClientSampleId :

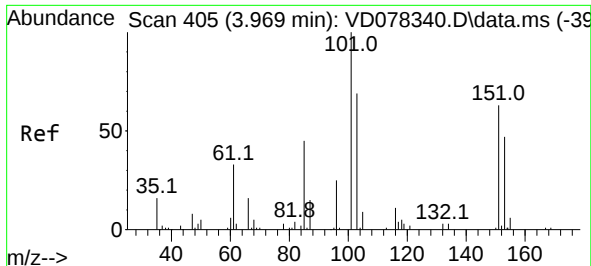
Tgt Ion: 64 Resp: 3569
Ion Ratio Lower Upper
64 100
66 24.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 0.534 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion: 101 Resp: 2844
Ion Ratio Lower Upper
101 100
103 61.3 51.1 76.7

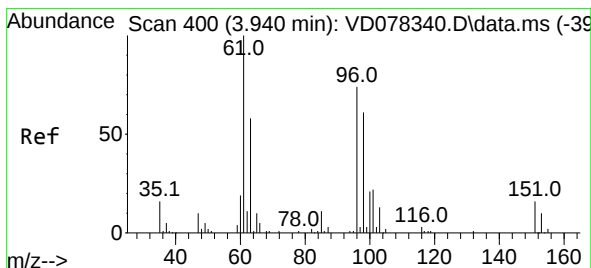
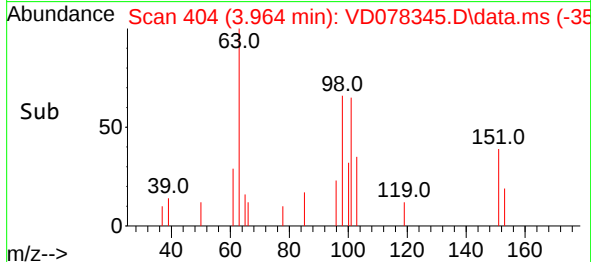
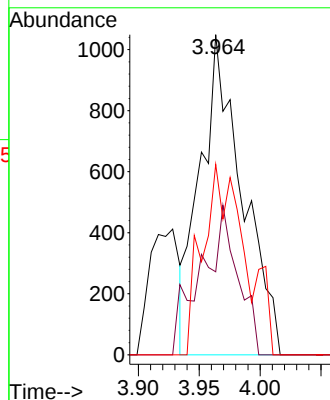
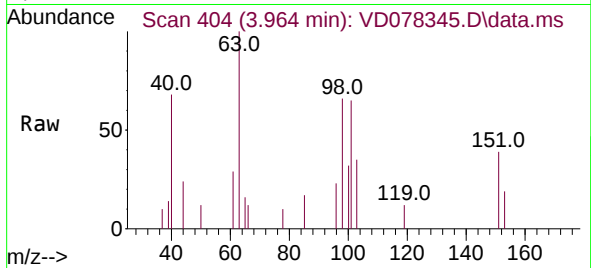




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.761 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078345.D
 Acq: 05 Feb 2024 13:46

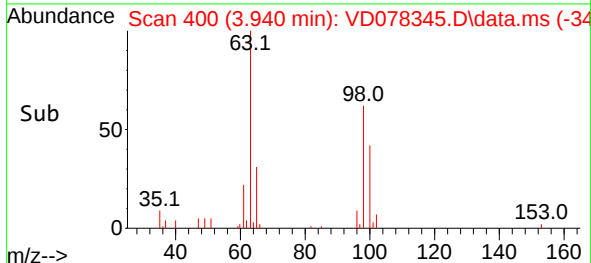
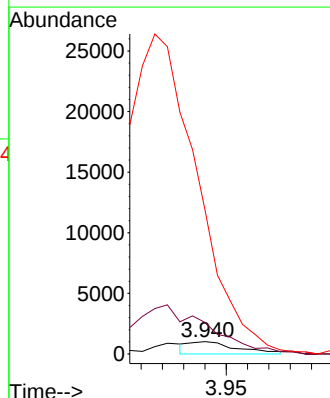
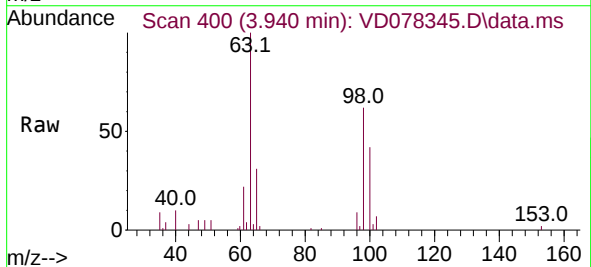
Instrument :
 MSVOA_D
 ClientSampleId :

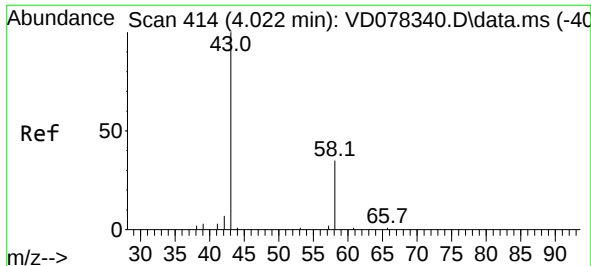
Tgt Ion:101 Resp: 2522
 Ion Ratio Lower Upper
 101 100
 85 20.5 34.6 51.8#
 151 20.4 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 0.521 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD078345.D
 Acq: 05 Feb 2024 13:46

Tgt Ion: 96 Resp: 1597
 Ion Ratio Lower Upper
 96 100
 61 257.9 108.8 202.2#
 63 1175.1 65.2 121.0#





#13

Acetone

Concen: 0.370 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

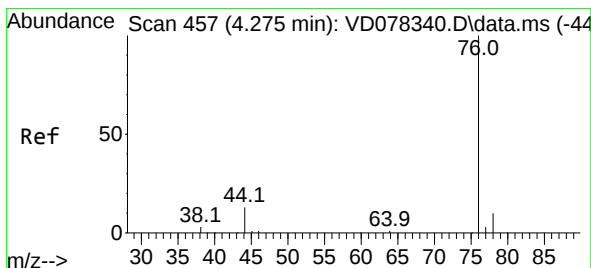
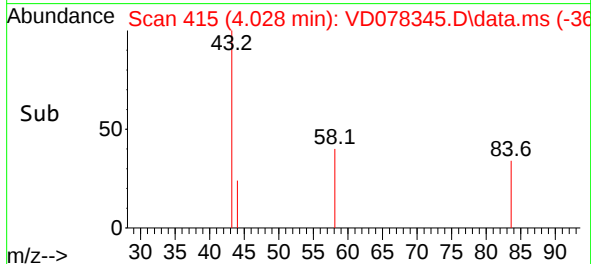
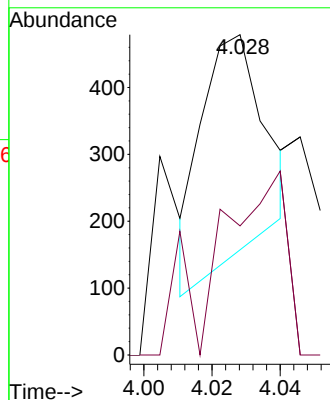
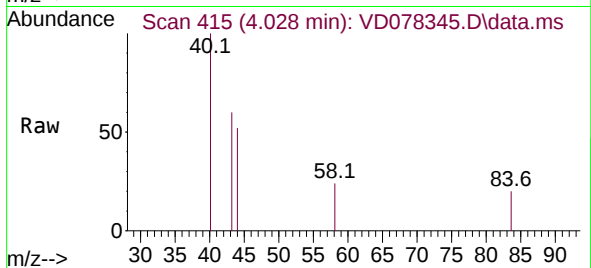
ClientSampleId :

Tgt Ion: 43 Resp: 429

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.2



#14

Carbon disulfide

Concen: 0.439 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD078345.D

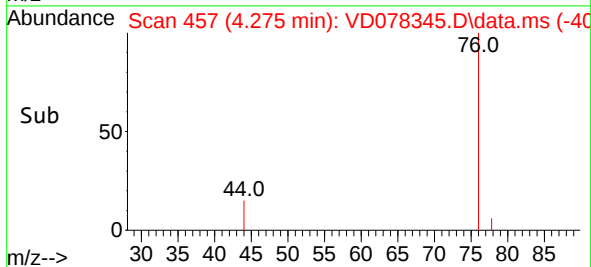
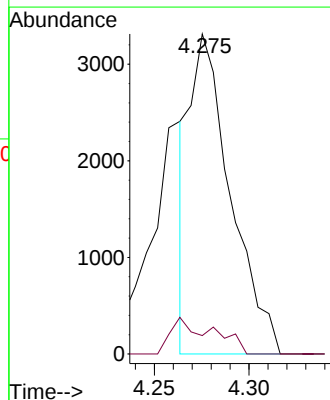
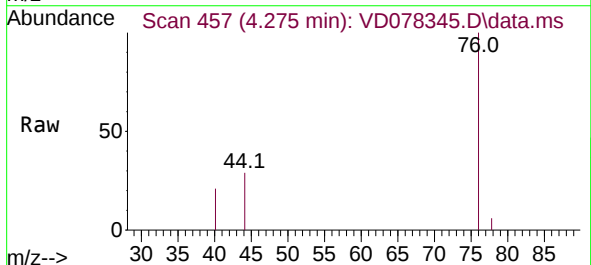
Acq: 05 Feb 2024 13:46

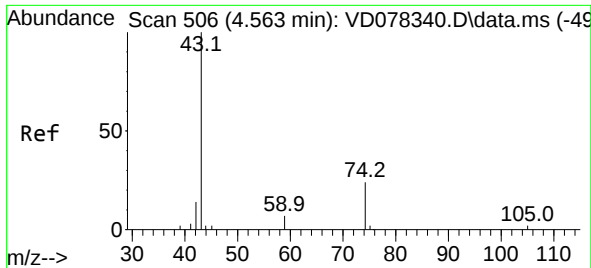
Tgt Ion: 76 Resp: 4956

Ion Ratio Lower Upper

76 100

78 5.8 7.8 11.8#

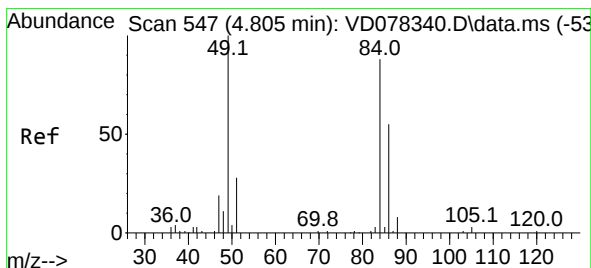
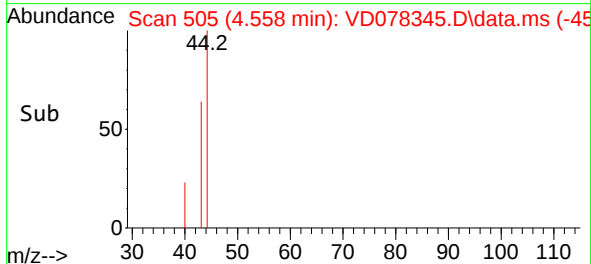
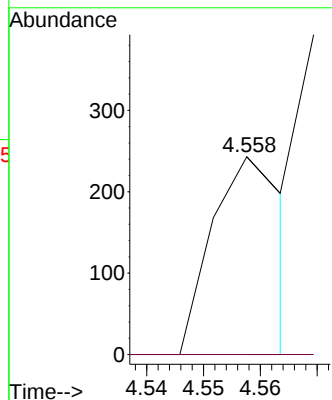
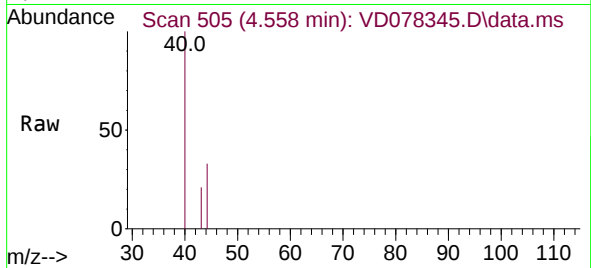




#15
Methyl Acetate
Concen: 0.124 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

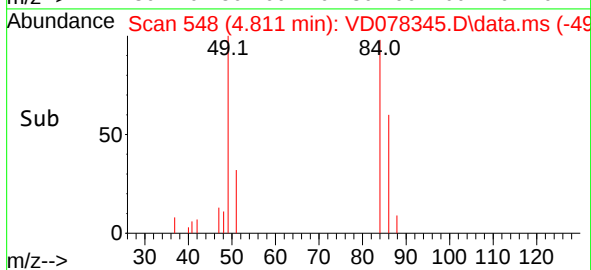
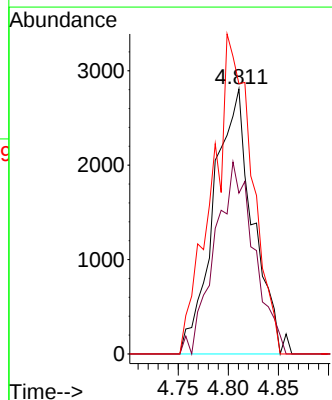
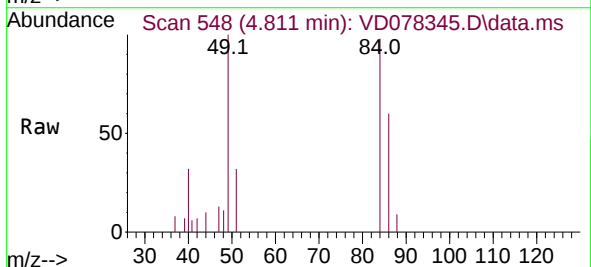
Instrument :
MSVOA_D
ClientSampleId :

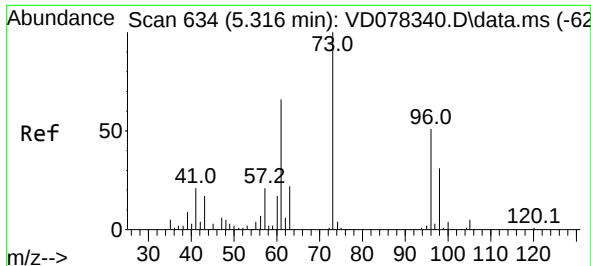
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
74 0.0 12.7 19.1#



#16
Methylene chloride
Concen: 1.823 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion: 84 Resp: 7553
Ion Ratio Lower Upper
84 100
86 60.7 45.4 84.2
49 102.0 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 0.402 ug/L

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

ClientSampleId :

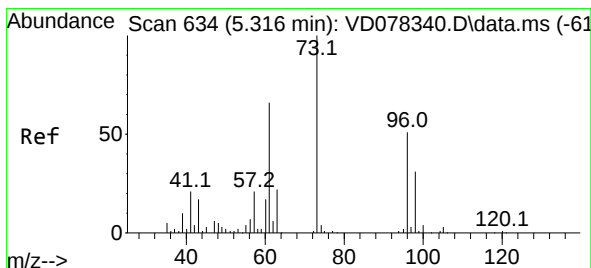
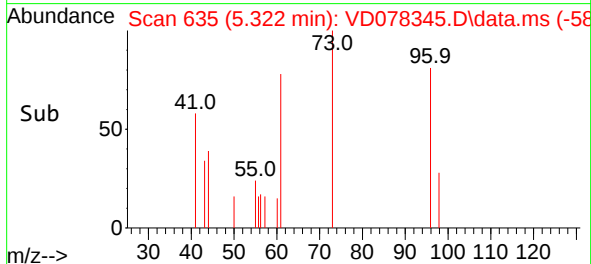
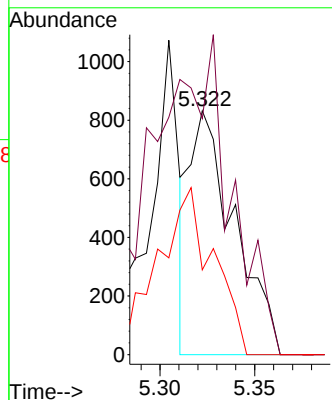
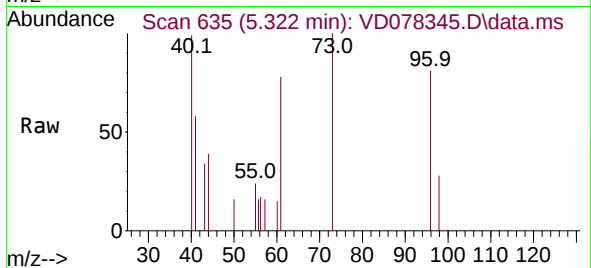
Tgt Ion: 96 Resp: 1359

Ion Ratio Lower Upper

96 100

61 96.9 82.7 153.7

98 34.7 40.7 75.7#



#18

Methyl tert-butyl Ether

Concen: 0.108 ug/L

RT: 5.311 min Scan# 633

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

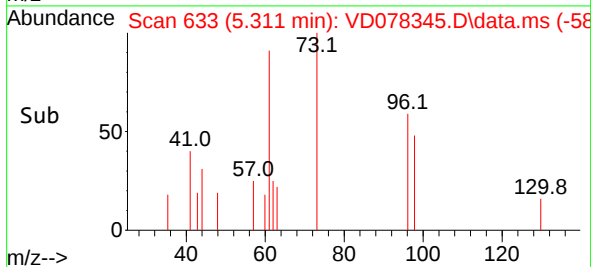
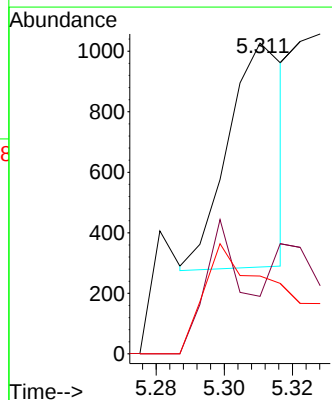
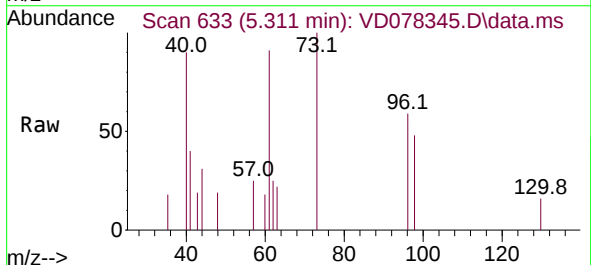
Tgt Ion: 73 Resp: 851

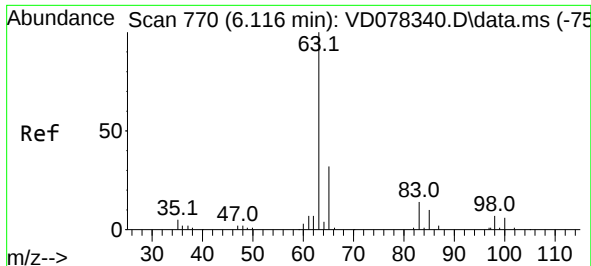
Ion Ratio Lower Upper

73 100

43 39.0 13.3 19.9#

57 0.0 17.2 25.8#





#19

1,1-Dichloroethane

Concen: 0.392 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

ClientSampleId :

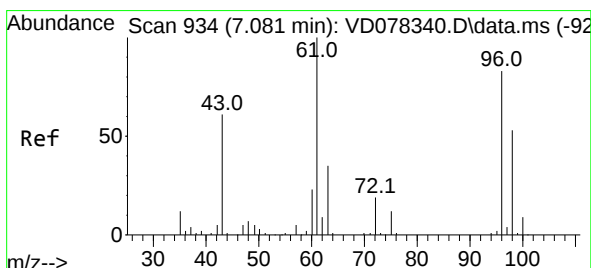
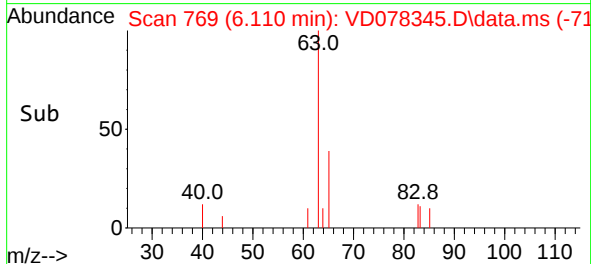
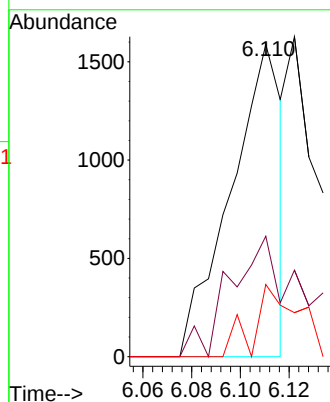
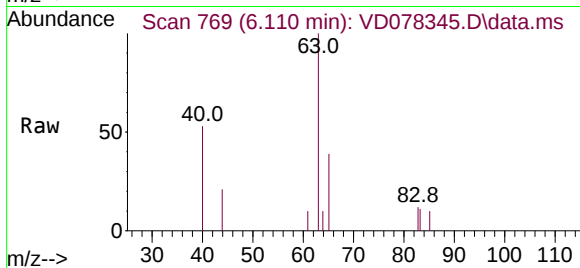
Tgt Ion: 63 Resp: 2319

Ion Ratio Lower Upper

63 100

65 38.6 21.8 40.4

83 23.1 10.1 18.9#



#20

cis-1,2-Dichloroethene

Concen: 0.303 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

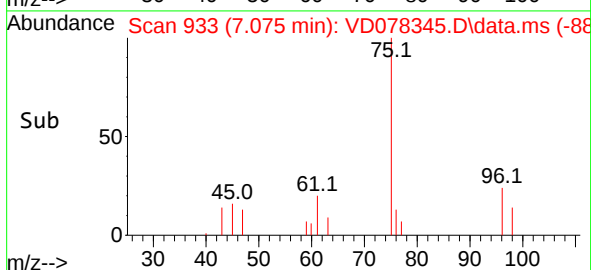
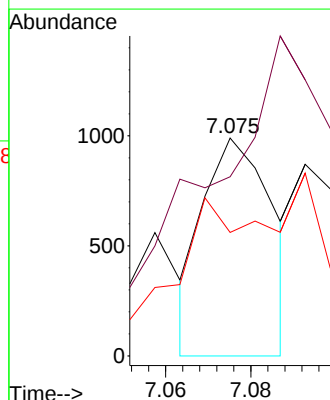
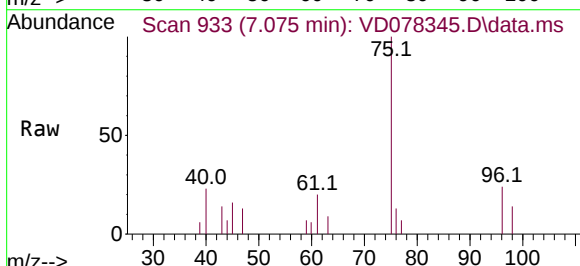
Tgt Ion: 96 Resp: 1123

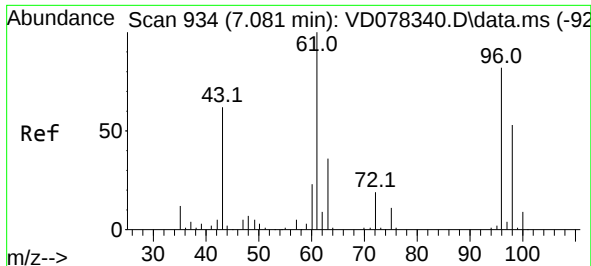
Ion Ratio Lower Upper

96 100

61 82.2 75.6 140.4

98 56.7 43.1 80.1





#22

2-Butanone

Concen: 0.299 ug/L

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

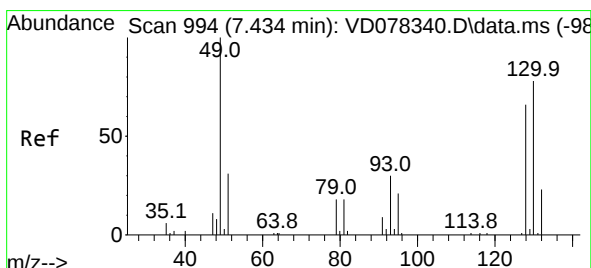
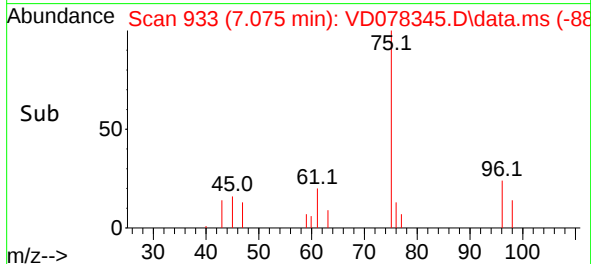
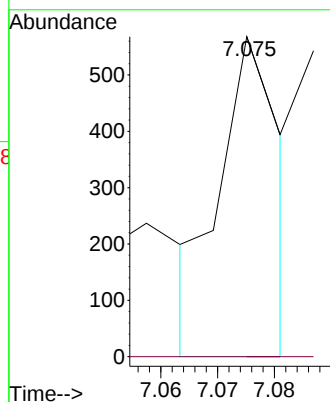
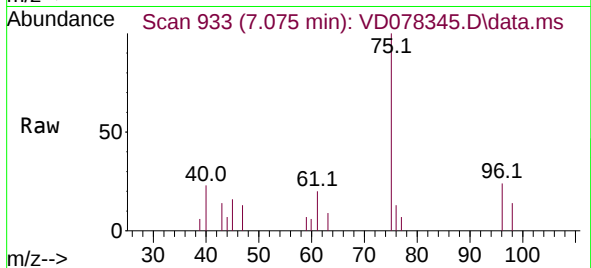
ClientSampleId :

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

72 0.0 15.4 46.2#



#23

Bromochloromethane

Concen: 0.312 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Tgt Ion: 128 Resp: 511

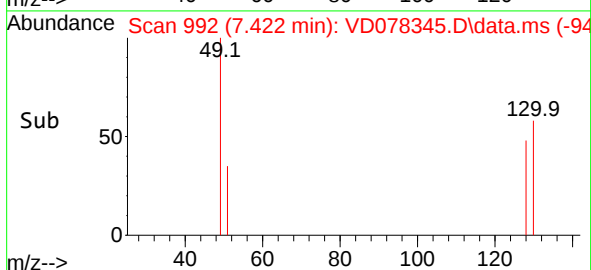
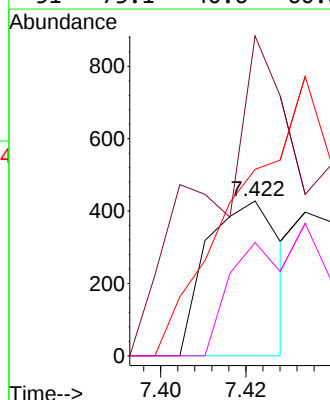
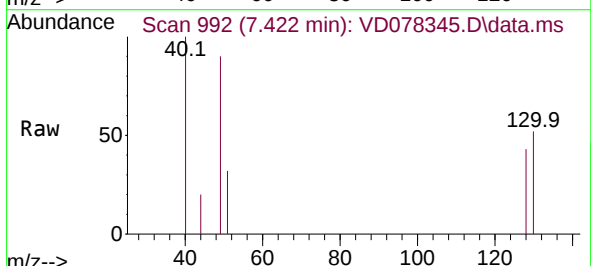
Ion Ratio Lower Upper

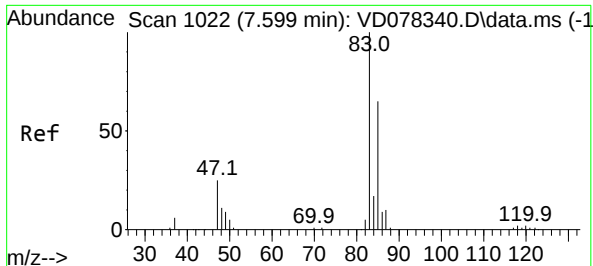
128 100

49 206.5 102.7 190.7#

130 120.3 82.6 153.4

51 73.1 40.6 60.8#





#25

Chloroform

Concen: 0.879 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

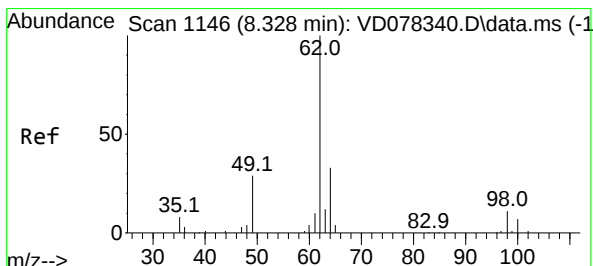
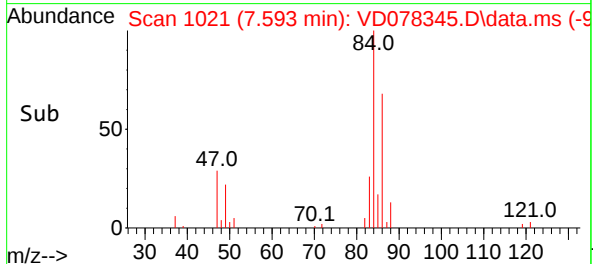
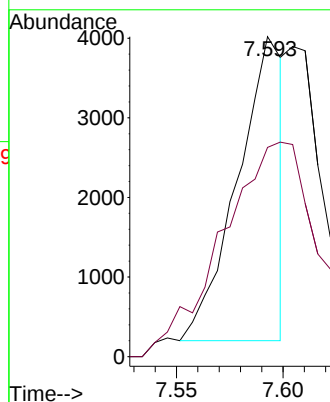
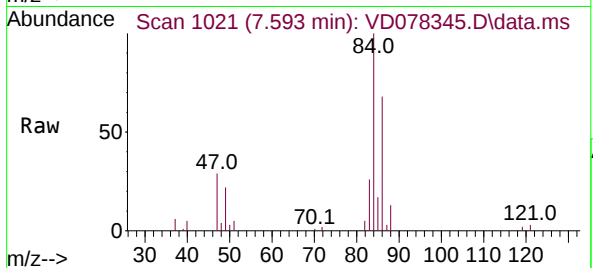
ClientSampleId :

Tgt Ion: 83 Resp: 5672

Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.636 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD078345.D

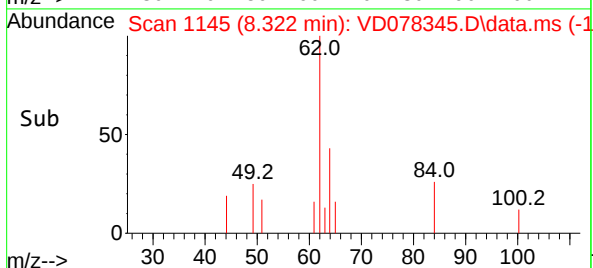
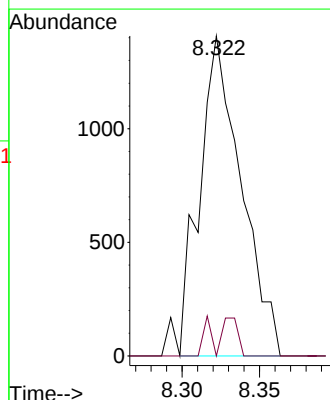
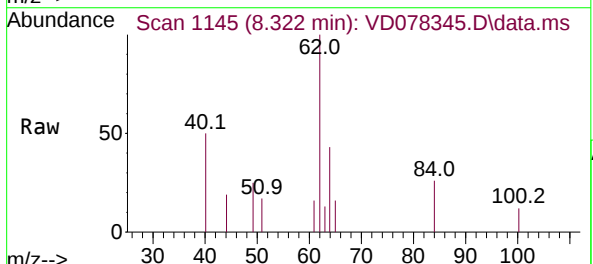
Acq: 05 Feb 2024 13:46

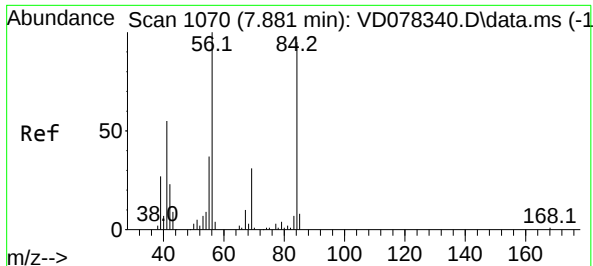
Tgt Ion: 62 Resp: 2635

Ion Ratio Lower Upper

62 100

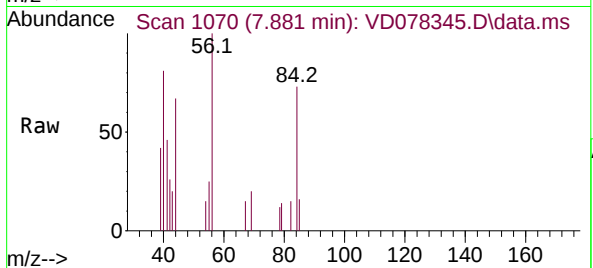
98 0.0 9.5 14.3#



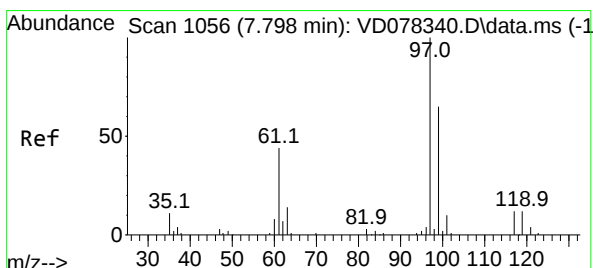
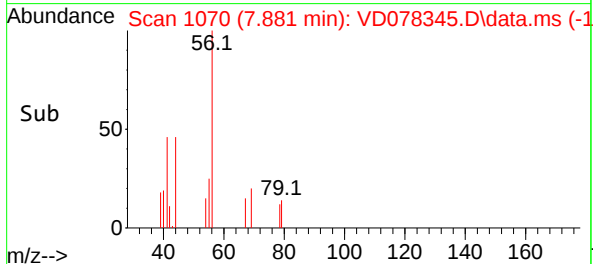
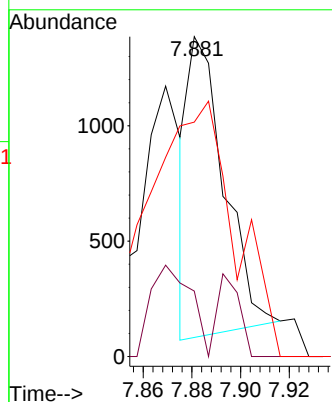


#29
Cyclohexane
Concen: 0.297 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Instrument :
MSVOA_D
ClientSampleId :

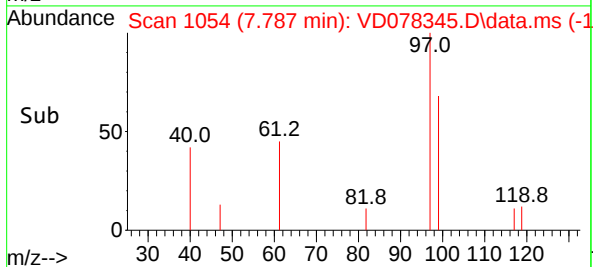
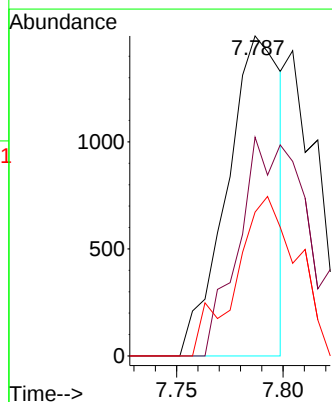
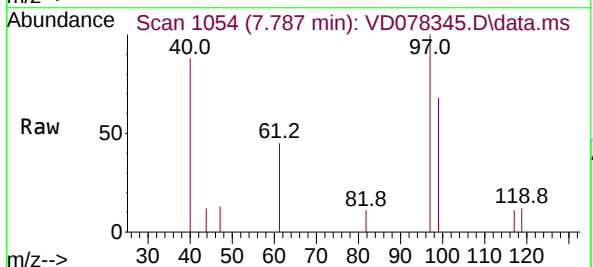


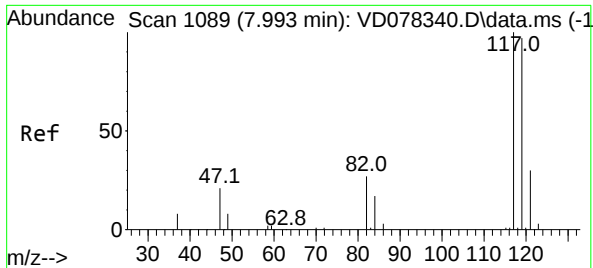
Tgt Ion: 56 Resp: 1329
Ion Ratio Lower Upper
56 100
69 16.9 23.3 34.9#
84 127.2 74.7 112.1#



#30
1,1,1-Trichloroethane
Concen: 0.541 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.012 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion: 97 Resp: 2628
Ion Ratio Lower Upper
97 100
99 41.5 50.7 76.1#
61 51.3 34.4 51.6

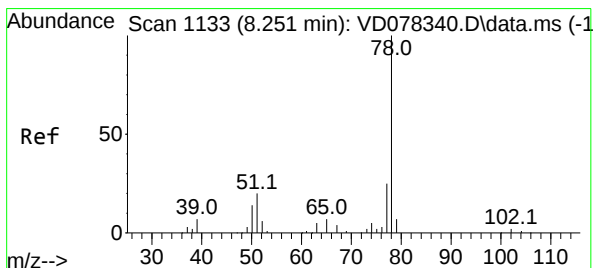
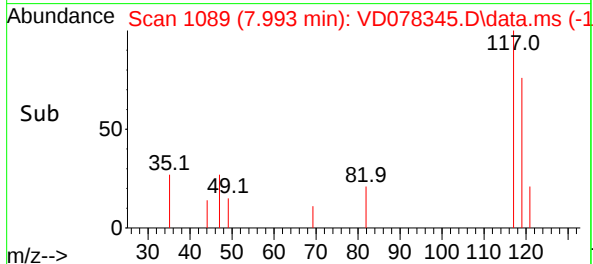
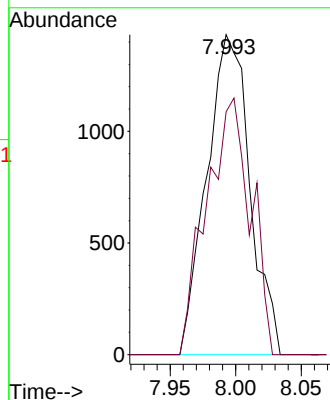
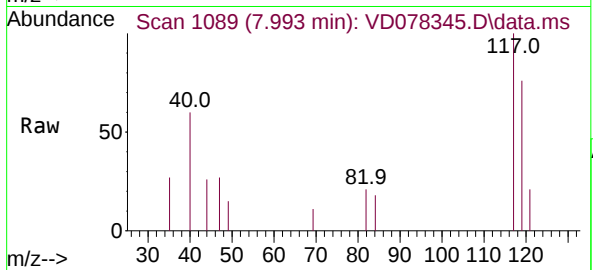




#31
Carbon tetrachloride
Concen: 0.768 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

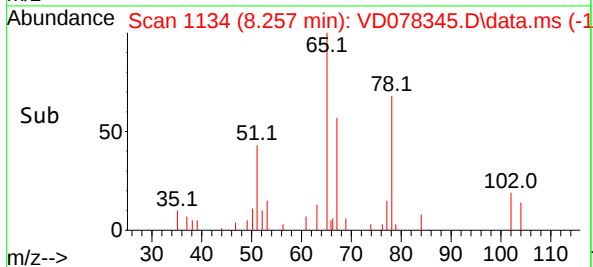
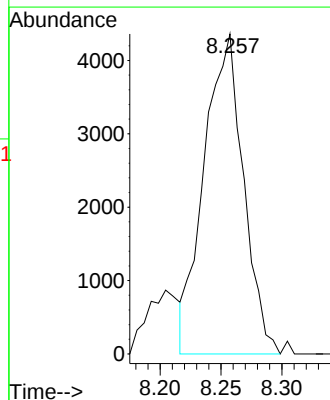
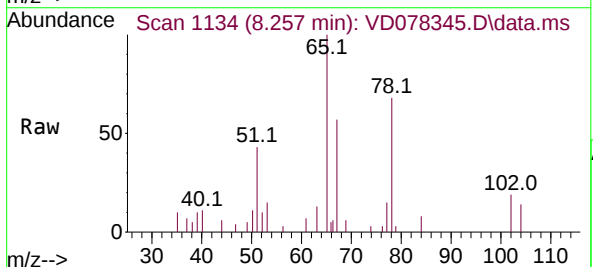
Instrument :
MSVOA_D
ClientSampleId :

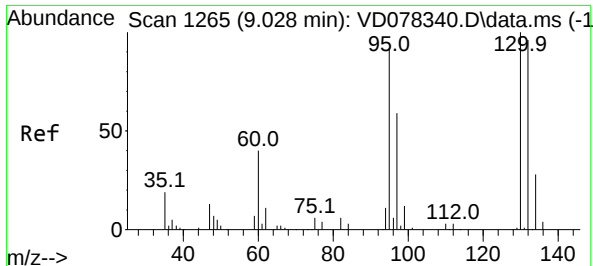
Tgt Ion:117 Resp: 3284
Ion Ratio Lower Upper
117 100
119 82.1 77.0 115.4



#33
Benzene
Concen: 0.734 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

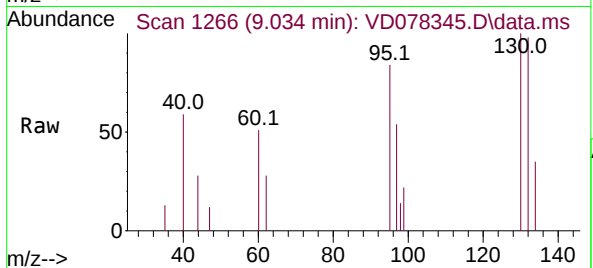
Tgt Ion: 78 Resp: 9803





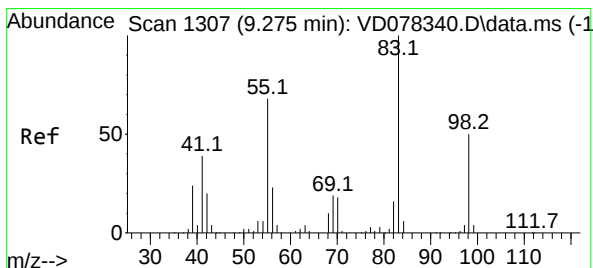
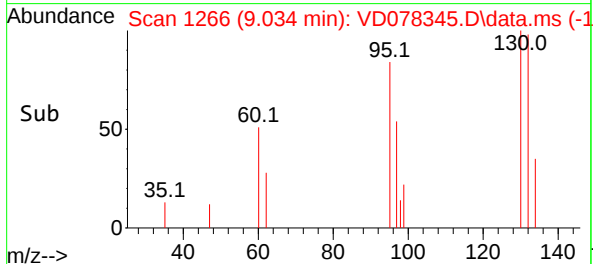
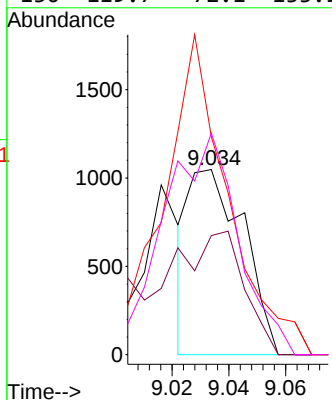
#34
Trichloroethene
Concen: 0.413 ug/L
RT: 9.034 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 1392

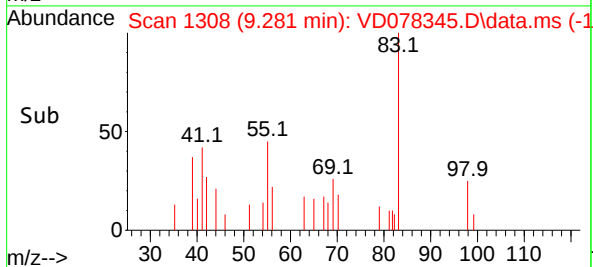
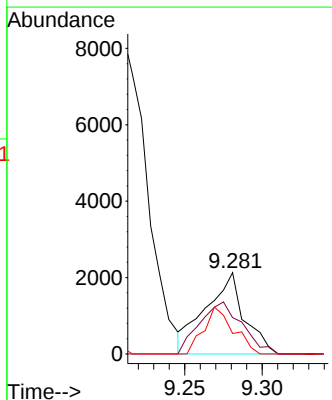
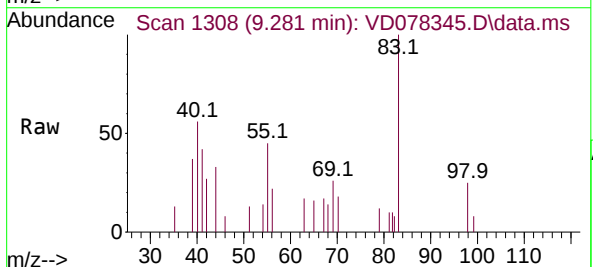
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.9	87.1
132	117.7	73.7	136.9
130	119.7	72.1	133.9

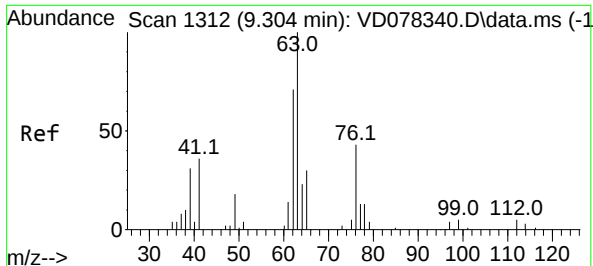


#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion: 83 Resp: 3696

Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.2	84.4
98	44.1	41.2	61.8





#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

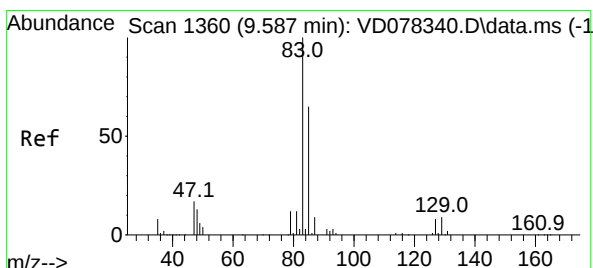
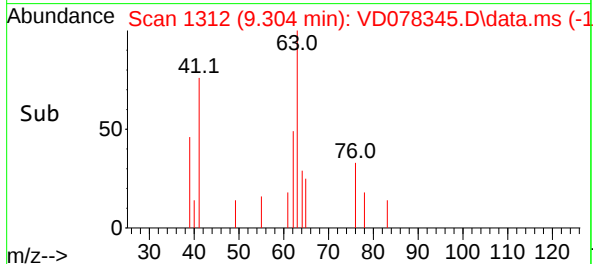
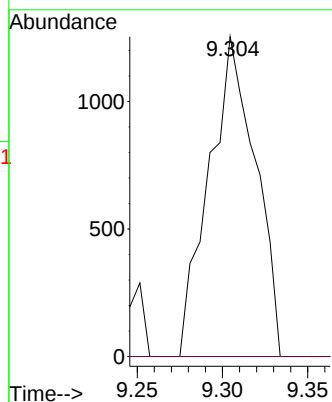
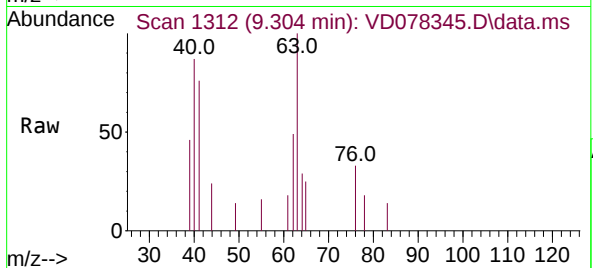
ClientSampleId :

Tgt Ion: 63 Resp: 2379

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.731 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

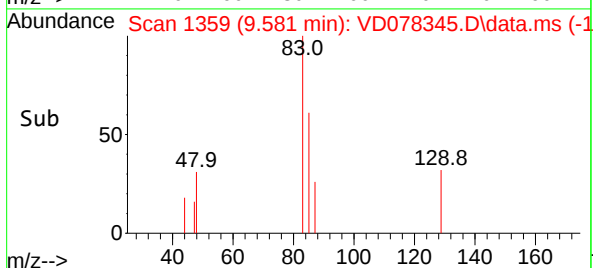
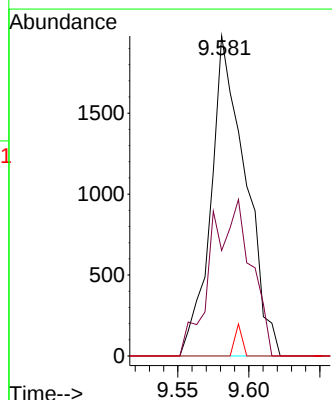
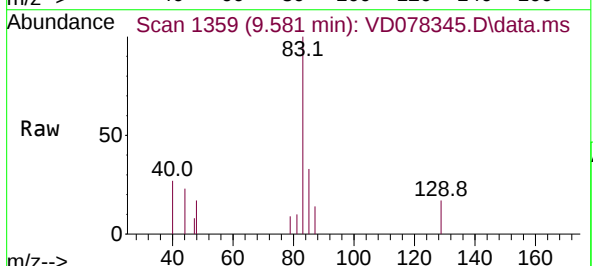
Tgt Ion: 83 Resp: 3356

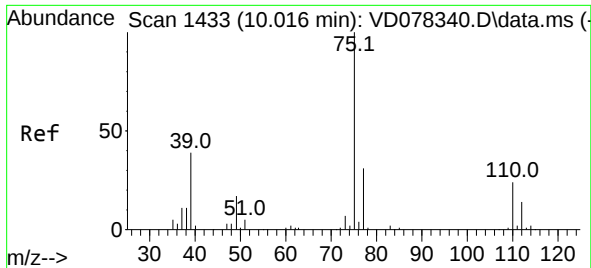
Ion Ratio Lower Upper

83 100

85 33.0 46.6 86.6#

127 0.0 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 0.684 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

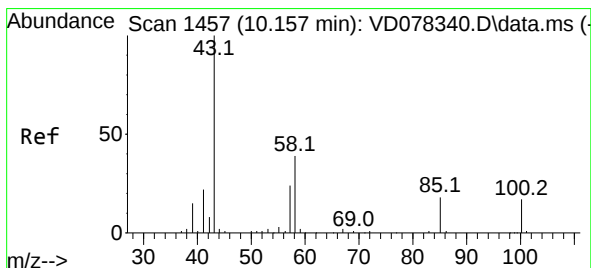
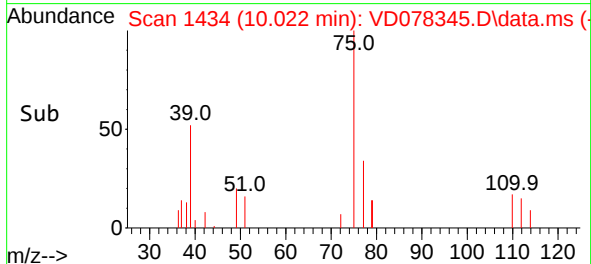
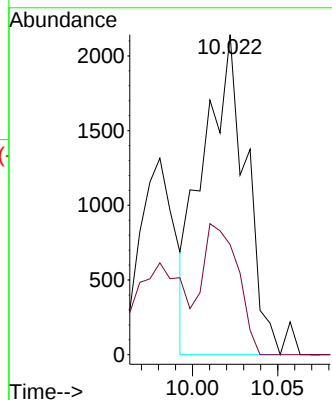
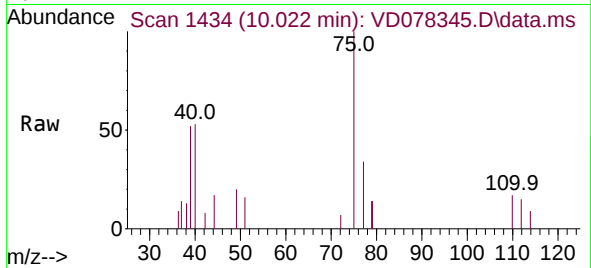
ClientSampleId :

Tgt Ion: 75 Resp: 3746

Ion Ratio Lower Upper

75 100

77 34.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 0.965 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

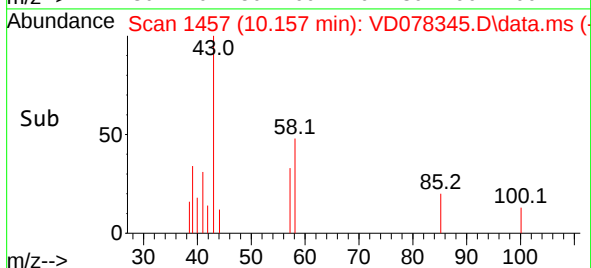
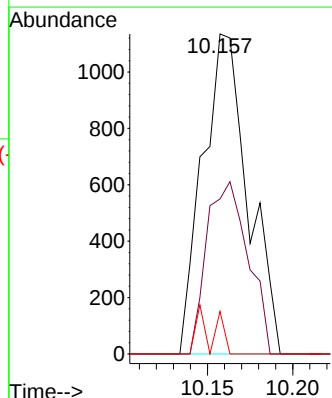
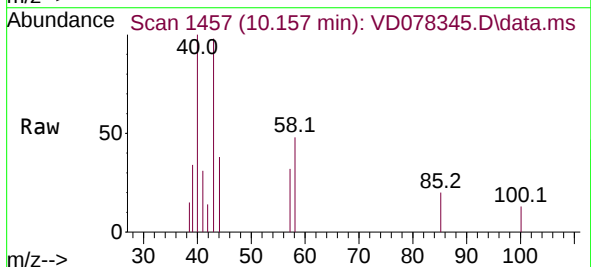
Tgt Ion: 43 Resp: 2108

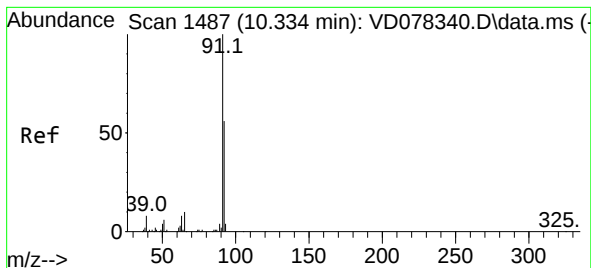
Ion Ratio Lower Upper

43 100

58 48.8 34.0 51.0

100 2.9 13.2 19.8#





#42

Toluene

Concen: 0.686 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

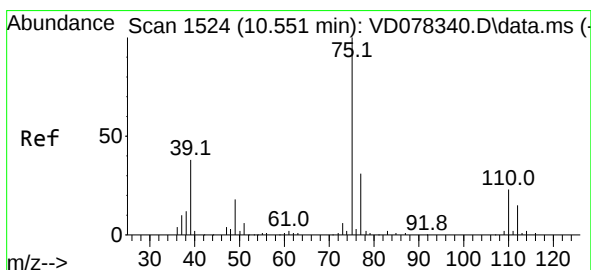
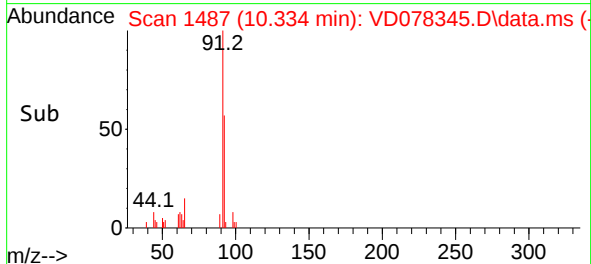
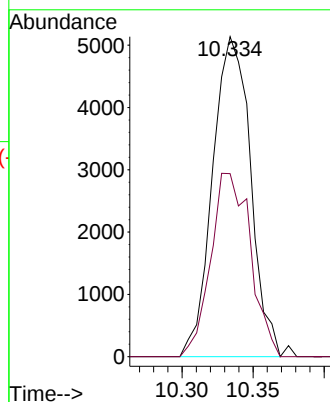
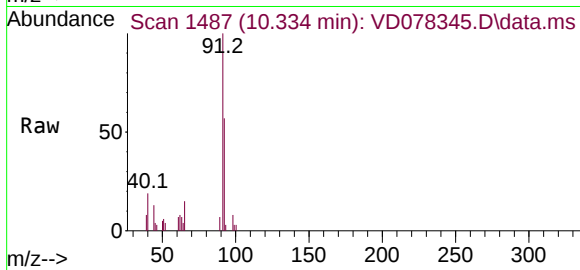
ClientSampleId :

Tgt Ion: 91 Resp: 9525

Ion Ratio Lower Upper

91 100

92 57.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD078345.D

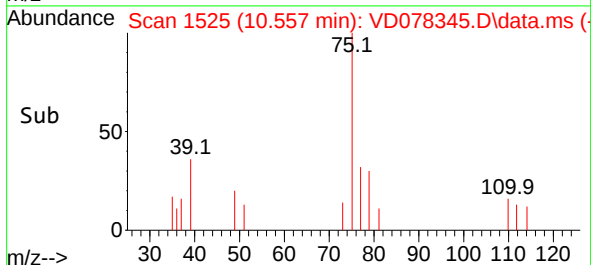
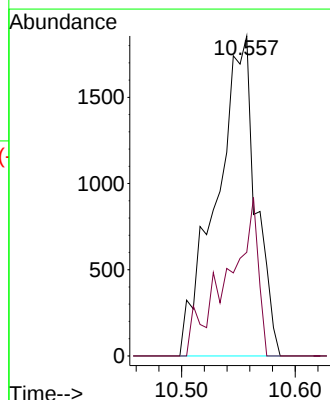
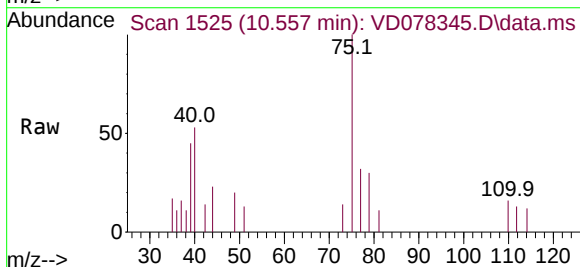
Acq: 05 Feb 2024 13:46

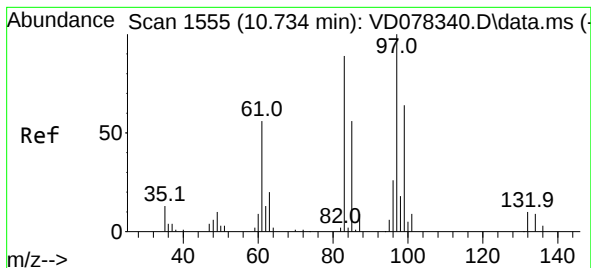
Tgt Ion: 75 Resp: 4472

Ion Ratio Lower Upper

75 100

77 32.4 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 0.684 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 1917

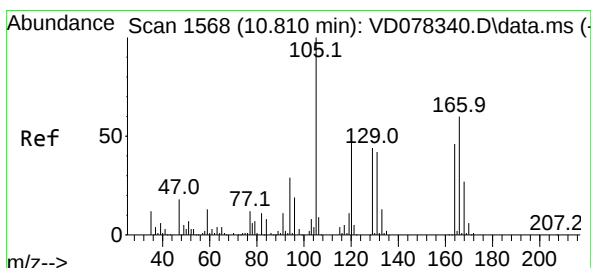
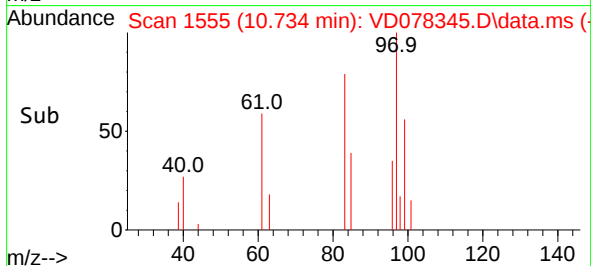
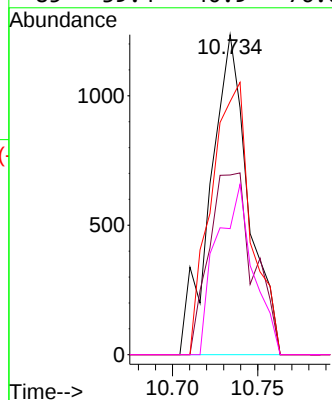
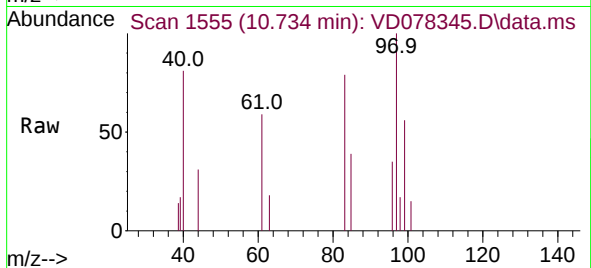
Ion Ratio Lower Upper

97 100

99 56.1 45.4 84.4

83 79.1 59.5 110.5

85 39.4 40.9 76.0#



#46

Tetrachloroethene

Concen: 0.741 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Tgt Ion:164 Resp: 1715

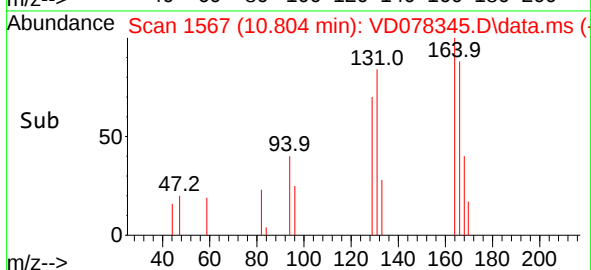
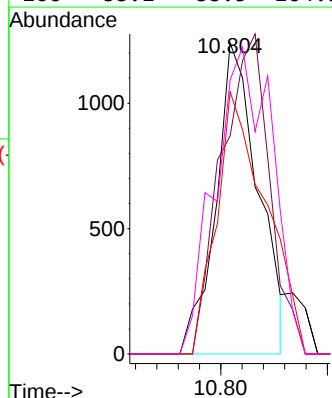
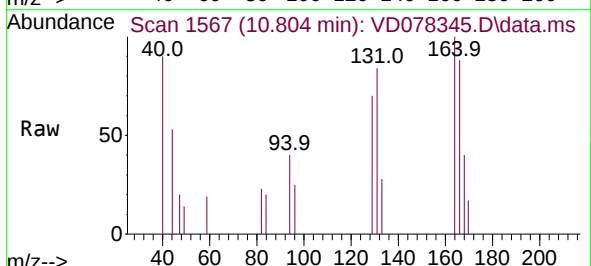
Ion Ratio Lower Upper

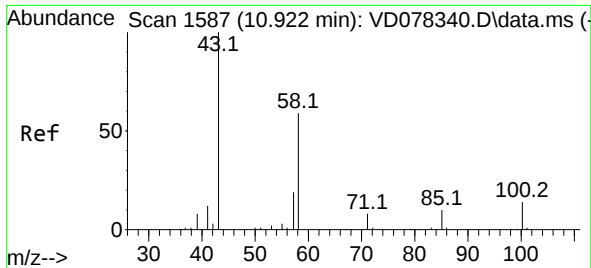
164 100

129 70.2 66.7 123.9

131 84.4 65.2 121.0

166 88.1 88.5 164.3#

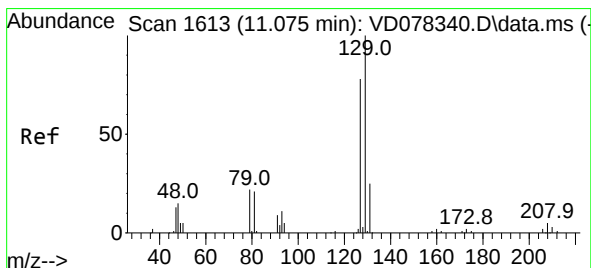
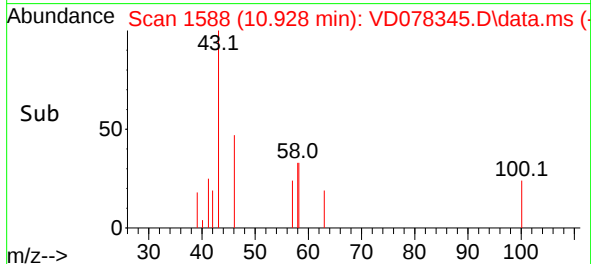
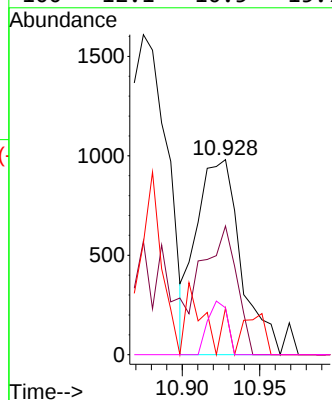
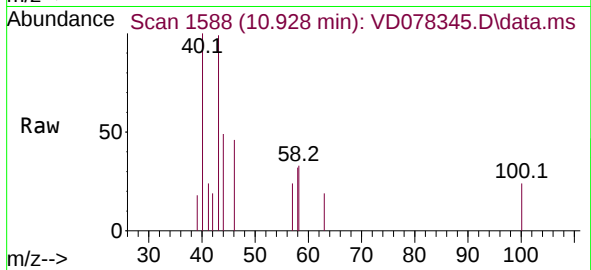




#48
2-Hexanone
Concen: 1.108 ug/L
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

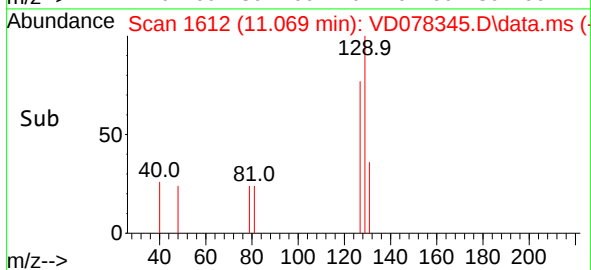
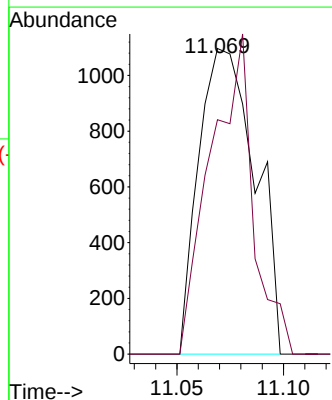
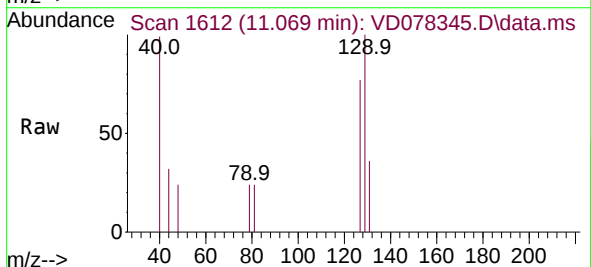
Instrument :
MSVOA_D
ClientSampleId :

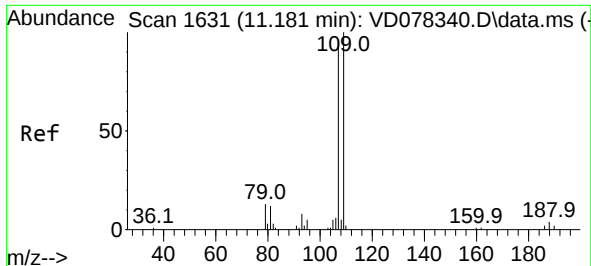
Tgt Ion: 43	Resp:	1975	
Ion	Ratio	Lower	Upper
43	100		
58	32.2	48.5	72.7#
57	4.2	15.6	23.4#
100	12.1	10.5	15.7



#49
Dibromochloromethane
Concen: 0.644 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

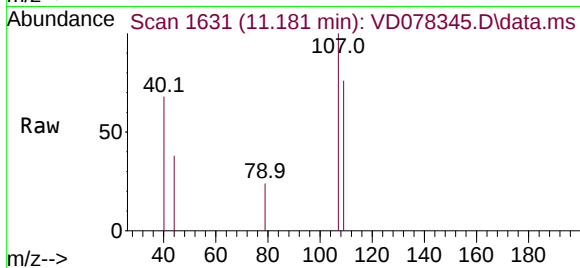
Tgt Ion:129	Resp:	2028	
Ion	Ratio	Lower	Upper
129	100		
127	76.7	52.7	97.9



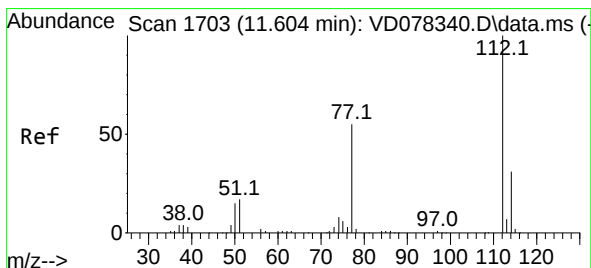
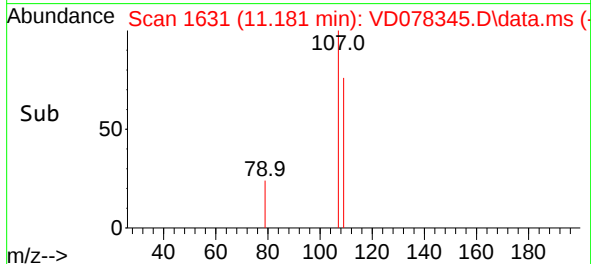
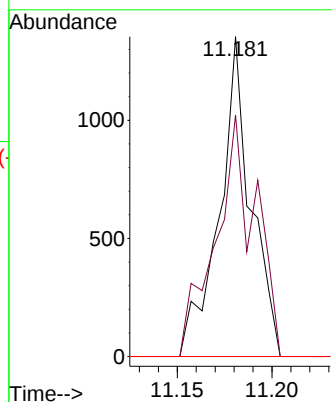


#50
1,2-Dibromoethane
Concen: 0.574 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Instrument :
MSVOA_D
ClientSampleId :

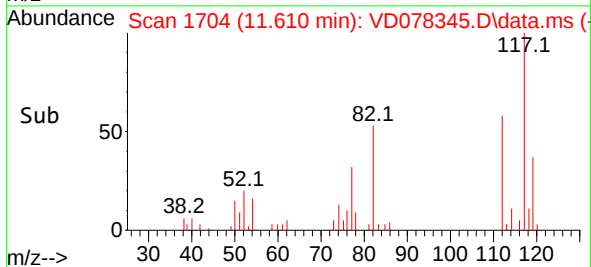
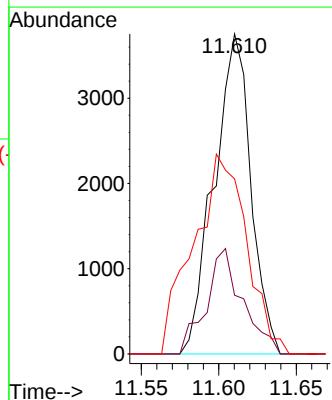
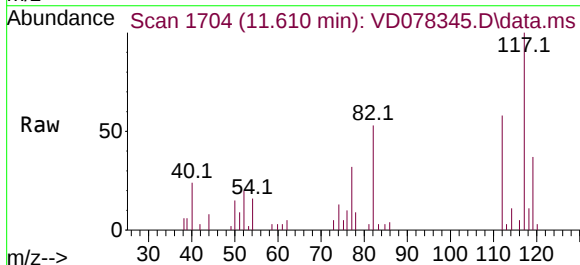


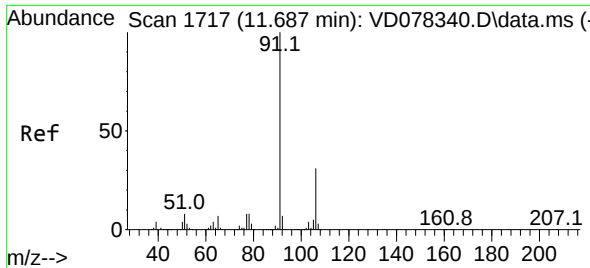
Tgt Ion:107 Resp: 1571
Ion Ratio Lower Upper
107 100
109 75.6 64.0 118.8
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.691 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion:112 Resp: 6212
Ion Ratio Lower Upper
112 100
114 18.3 22.3 41.3#
77 54.7 42.3 63.5

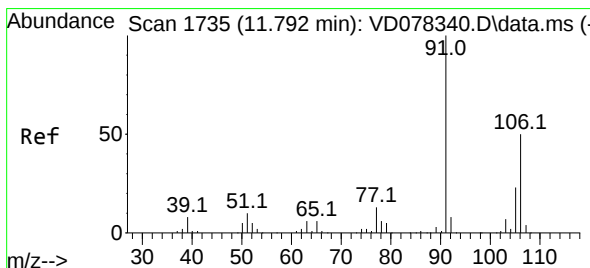
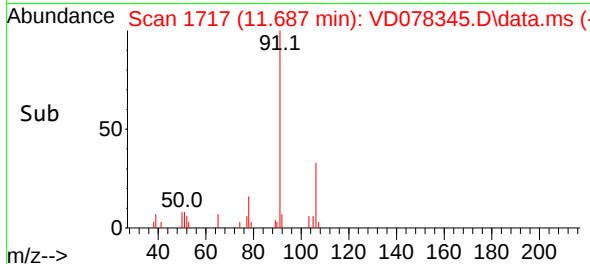
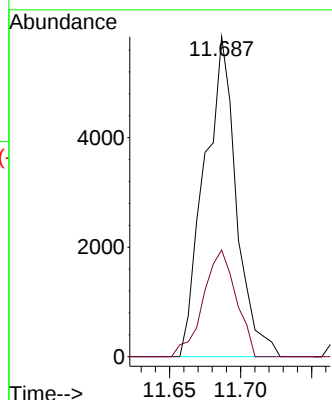
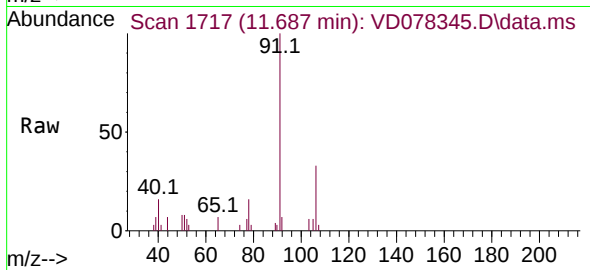




#52
Ethylbenzene
Concen: 0.613 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

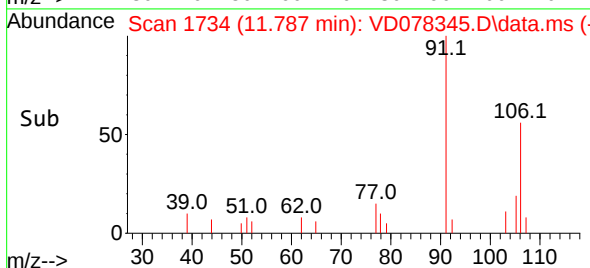
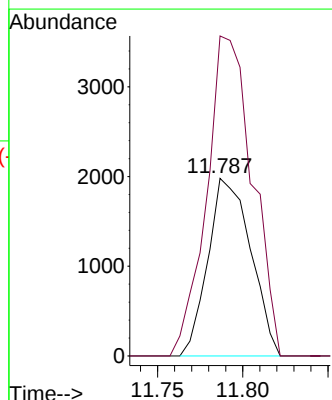
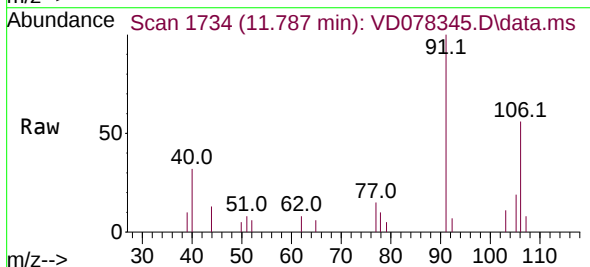
Instrument :
MSVOA_D
ClientSampleId :

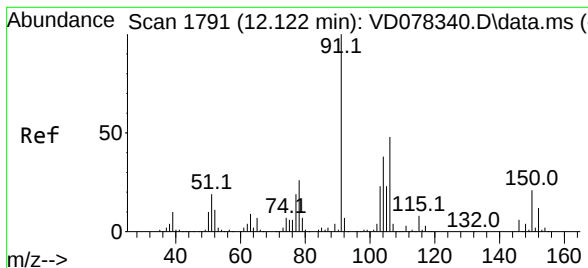
Tgt Ion: 91 Resp: 9139
Ion Ratio Lower Upper
91 100
106 33.3 22.5 41.7



#53
m,p-Xylene
Concen: 0.602 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion:106 Resp: 3452
Ion Ratio Lower Upper
106 100
91 180.2 138.3 256.8





#54

o-Xylene

Concen: 0.503 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078345.D

Acq: 05 Feb 2024 13:46

Instrument :

MSVOA_D

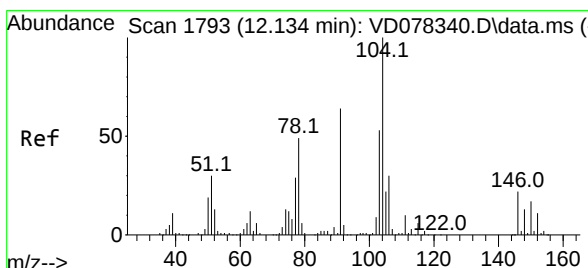
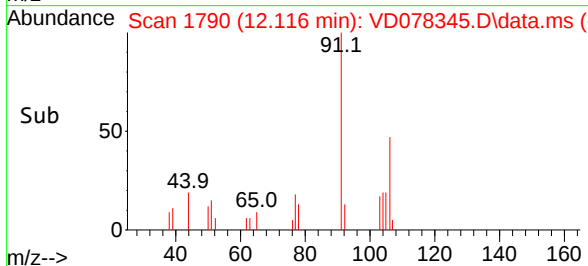
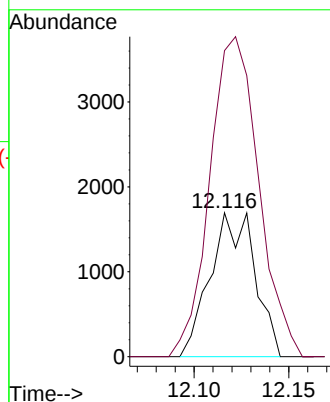
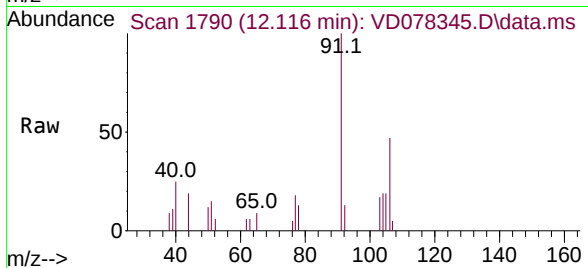
ClientSampleId :

Tgt Ion:106 Resp: 2781

Ion Ratio Lower Upper

106 100

91 212.8 148.0 274.8



#55

Styrene

Concen: 0.500 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078345.D

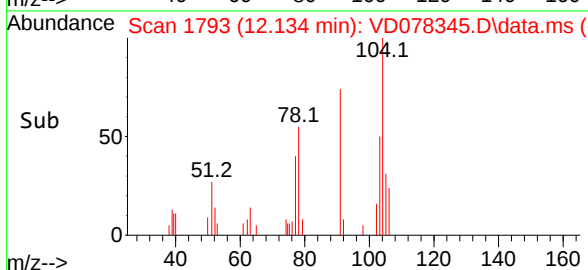
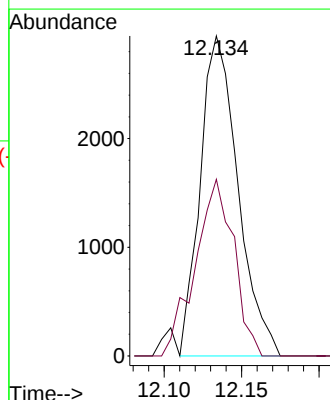
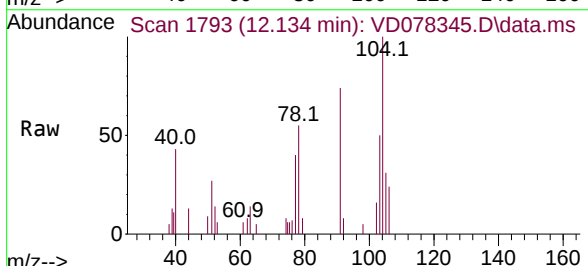
Acq: 05 Feb 2024 13:46

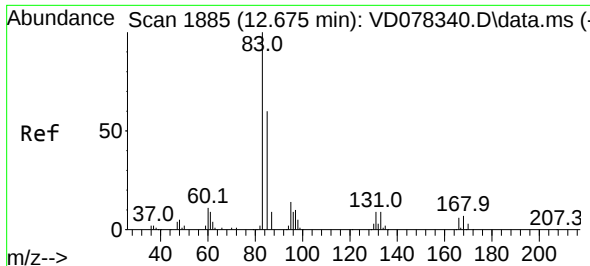
Tgt Ion:104 Resp: 4988

Ion Ratio Lower Upper

104 100

78 55.2 29.5 54.7#

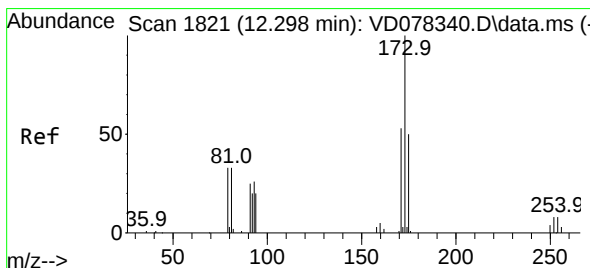
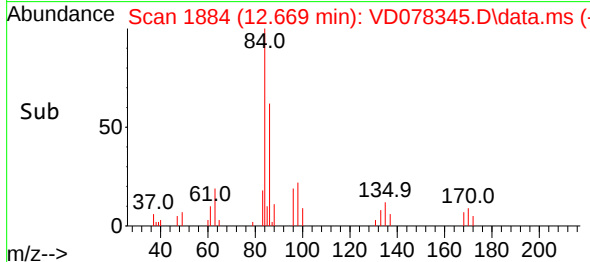
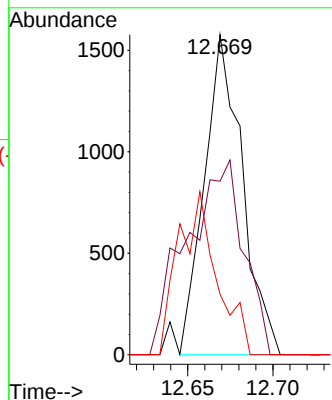
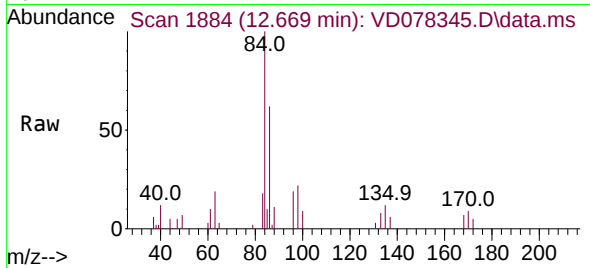




#57
1,1,2,2-Tetrachloroethane
Concen: 0.678 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

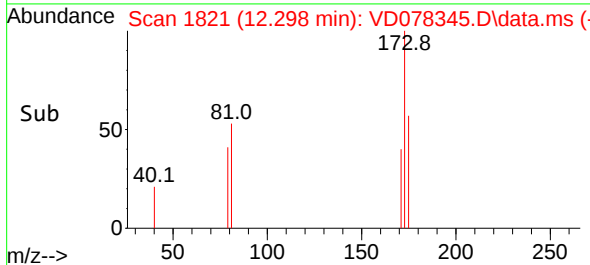
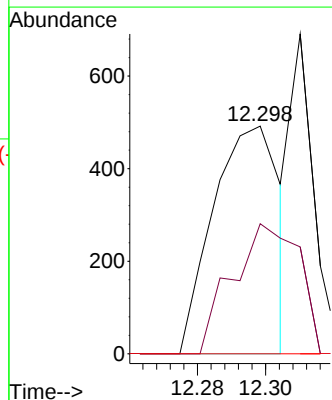
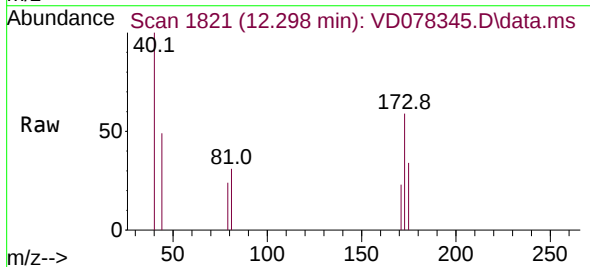
Instrument :
MSVOA_D
ClientSampleId :

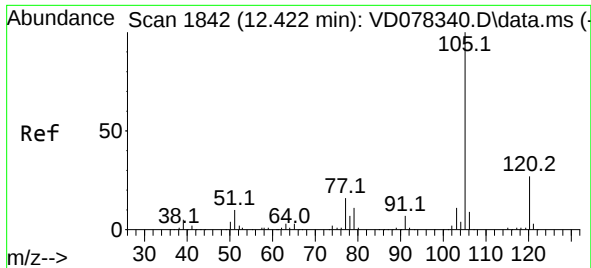
Tgt Ion: 83 Resp: 2437
Ion Ratio Lower Upper
83 100
85 54.2 42.6 79.0
131 18.9 6.0 9.0#



#59
Bromoform
Concen: 0.413 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion:173 Resp: 672
Ion Ratio Lower Upper
173 100
175 57.0 40.2 60.4
254 0.0 6.6 9.8#

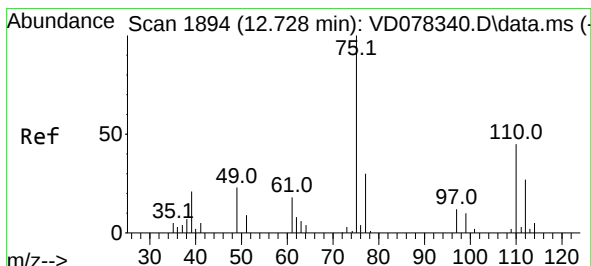
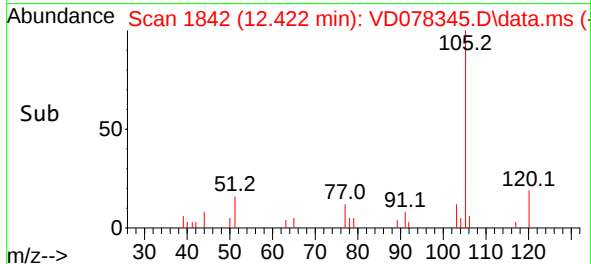
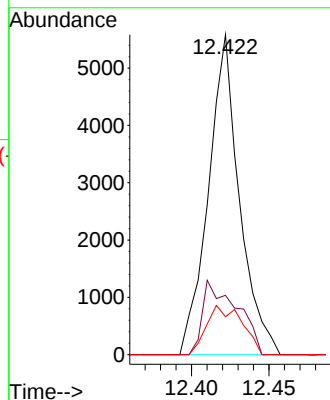
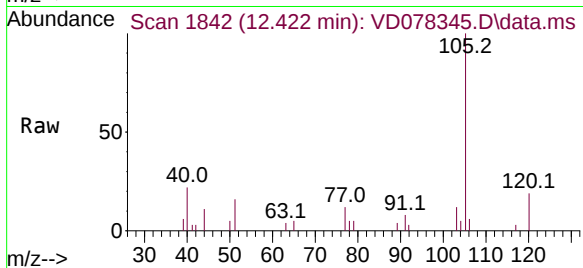




#60
Isopropylbenzene
Concen: 0.635 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

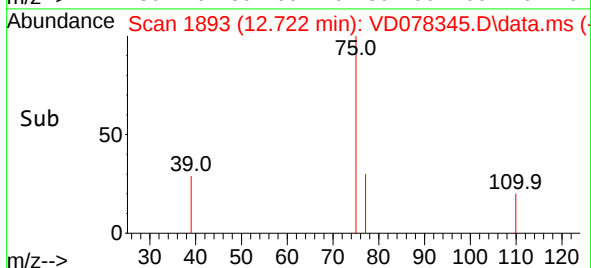
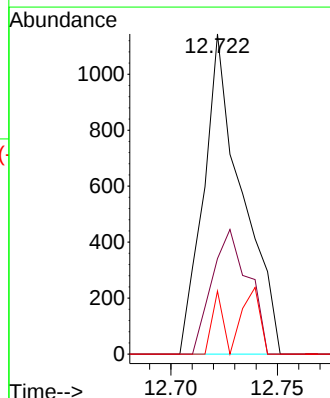
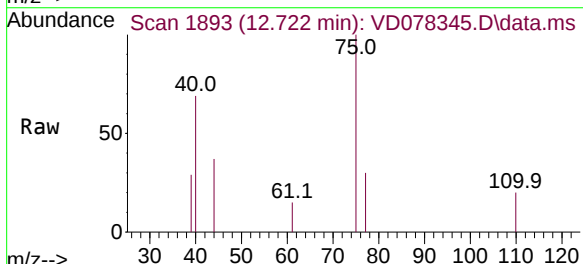
Instrument :
MSVOA_D
ClientSampleId :

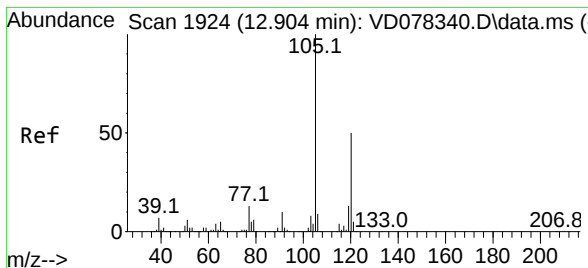
Tgt Ion:105 Resp: 7782
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 17.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.690 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion: 75 Resp: 1428
Ion Ratio Lower Upper
75 100
77 37.1 26.5 39.7
110 5.5 31.8 47.8#

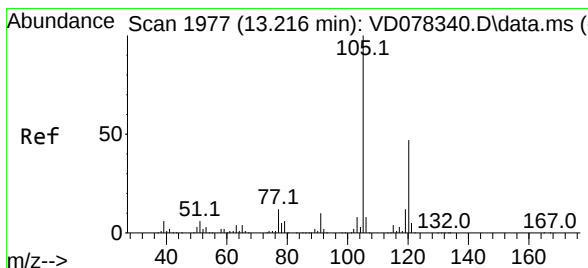
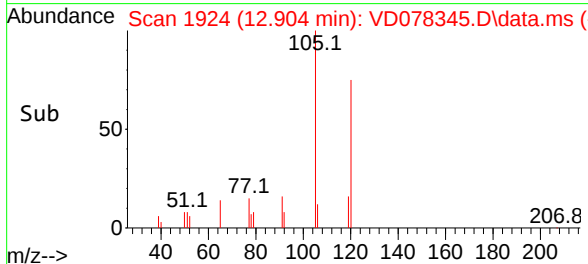
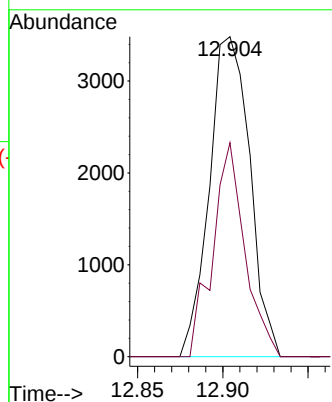
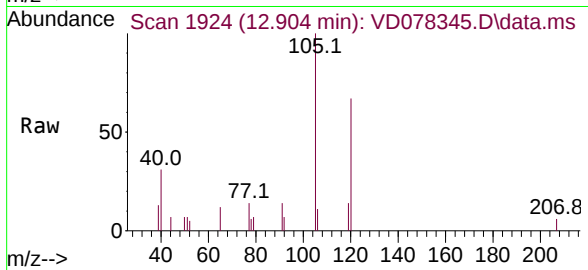




#62
1,3,5-Trimethylbenzene
Concen: 0.600 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

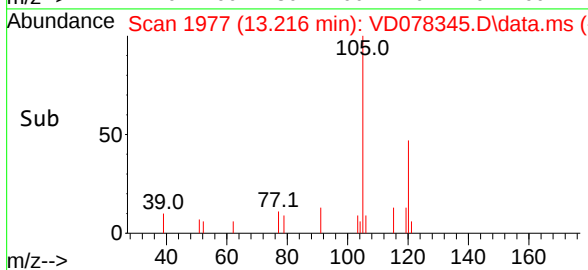
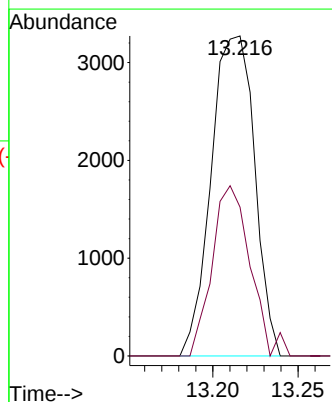
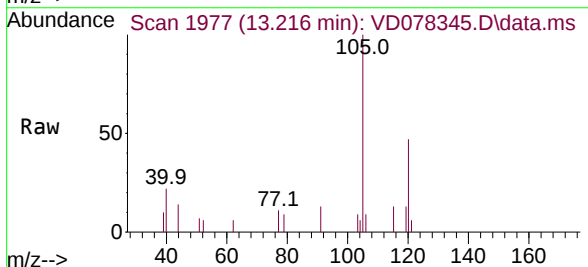
Instrument :
MSVOA_D
ClientSampleId :

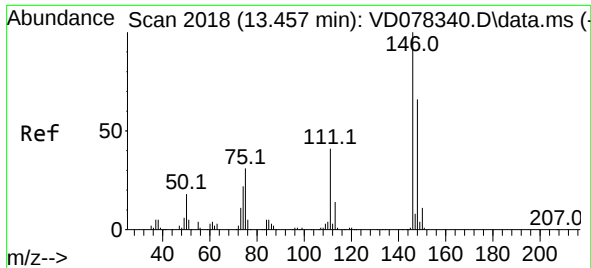
Tgt Ion:105 Resp: 5754
Ion Ratio Lower Upper
105 100
120 53.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 0.612 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion:105 Resp: 5808
Ion Ratio Lower Upper
105 100
120 45.2 37.0 55.4

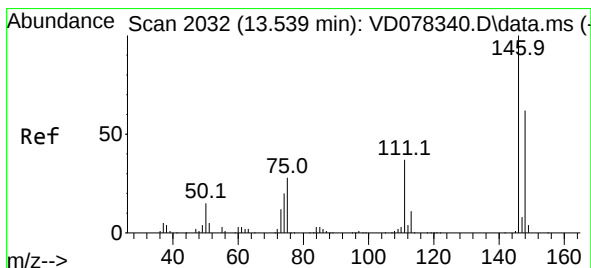
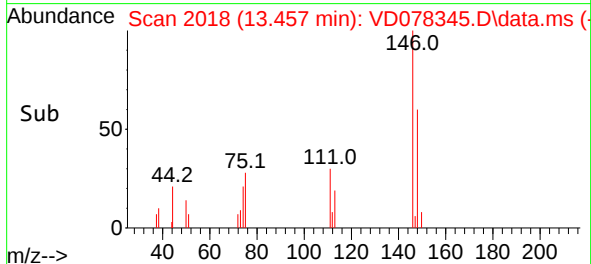
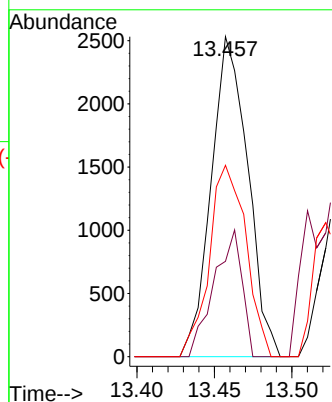
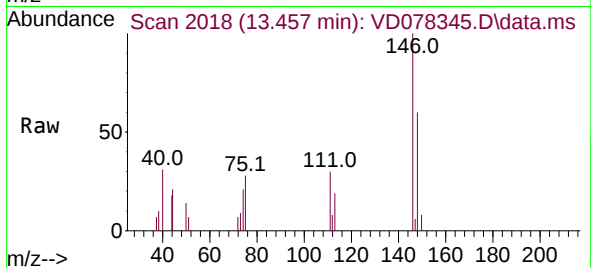




#64
1,3-Dichlorobenzene
Concen: 0.760 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

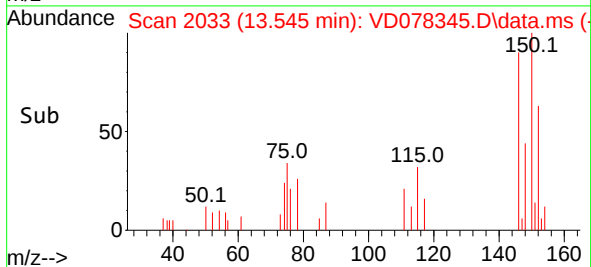
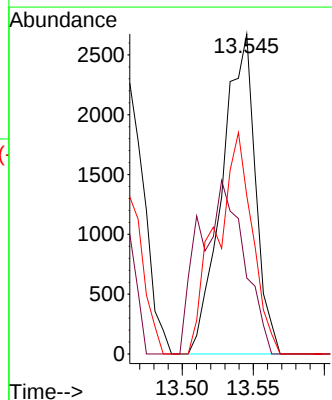
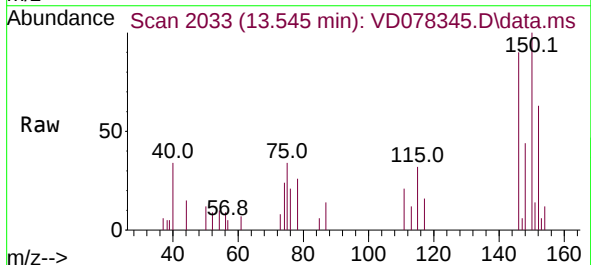
Instrument :
MSVOA_D
ClientSampleId :

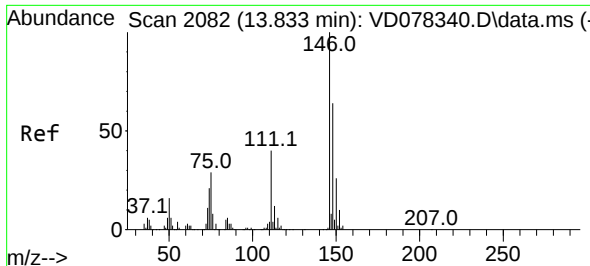
Tgt Ion:146 Resp: 4155
Ion Ratio Lower Upper
146 100
111 29.8 28.6 53.0
148 59.8 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 0.763 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

Tgt Ion:146 Resp: 4367
Ion Ratio Lower Upper
146 100
111 23.7 26.4 49.0#
148 49.5 44.5 82.7

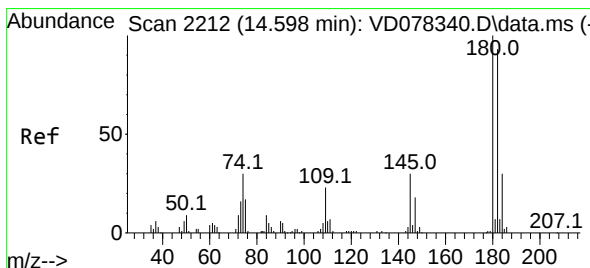
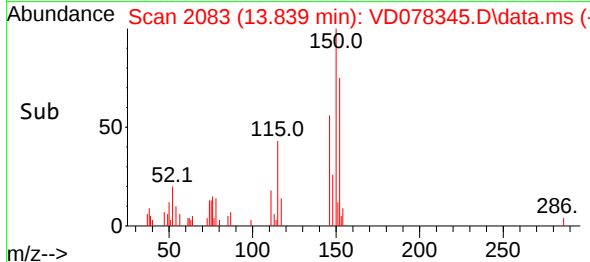
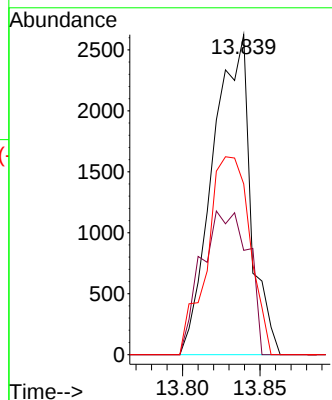
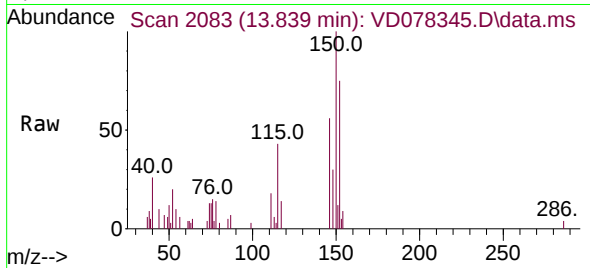




#67
1,2-Dichlorobenzene
Concen: 0.861 ug/L
RT: 13.839 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

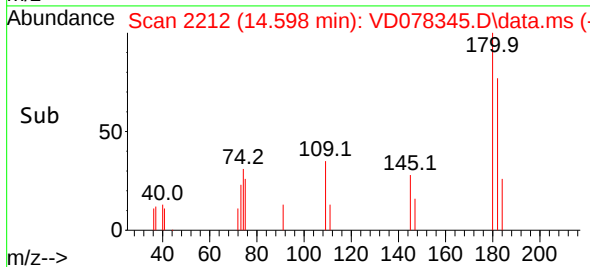
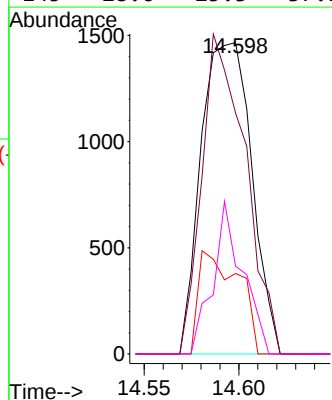
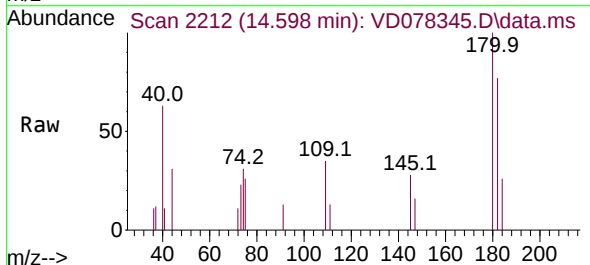
Instrument :
MSVOA_D
ClientSampleId :

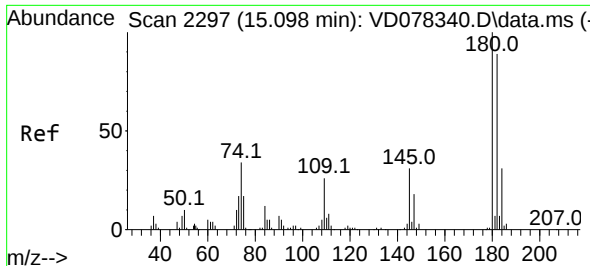
Tgt Ion:146 Resp: 4452
Ion Ratio Lower Upper
146 100
111 32.6 33.6 50.4#
148 53.4 48.4 72.6



#69
1,3,5-Trichlorobenzene
Concen: 0.810 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.000 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

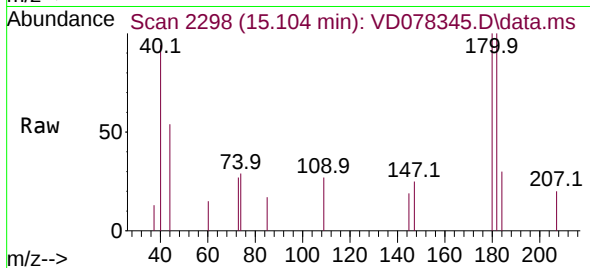
Tgt Ion:180 Resp: 2729
Ion Ratio Lower Upper
180 100
182 88.0 75.6 113.4
184 9.5 23.2 34.8#
145 28.6 25.3 37.9



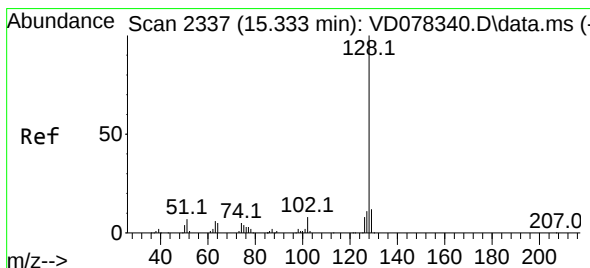
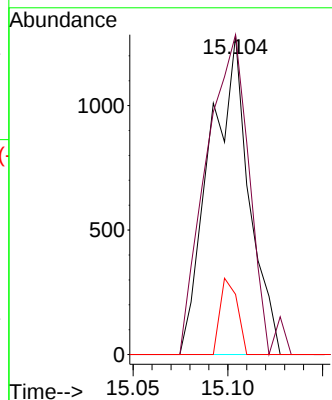
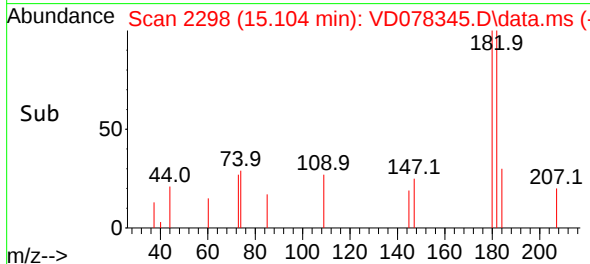


#70
1,2,4-trichlorobenzene
Concen: 0.637 ug/L
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46

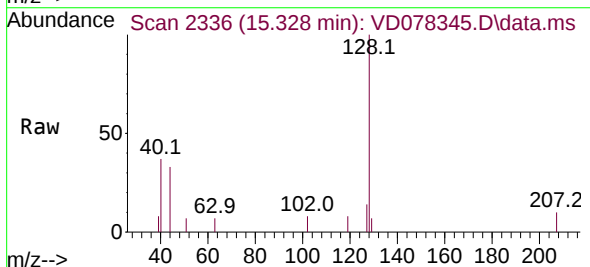
Instrument :
MSVOA_D
ClientSampleId :



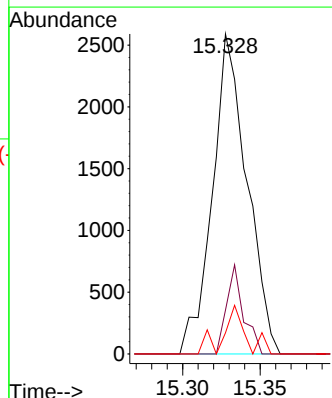
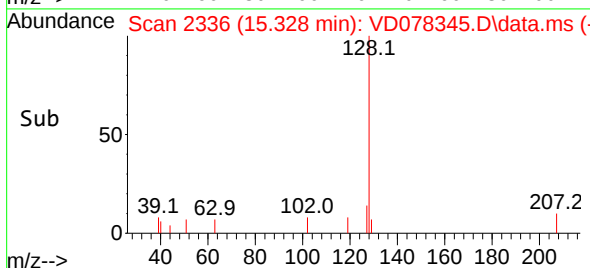
Tgt Ion:180 Resp: 1855
Ion Ratio Lower Upper
180 100
182 106.7 76.2 114.4
145 10.5 25.0 37.6#

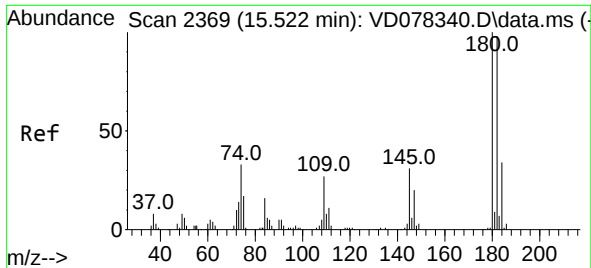


#71
Naphthalene
Concen: 0.588 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078345.D
Acq: 05 Feb 2024 13:46



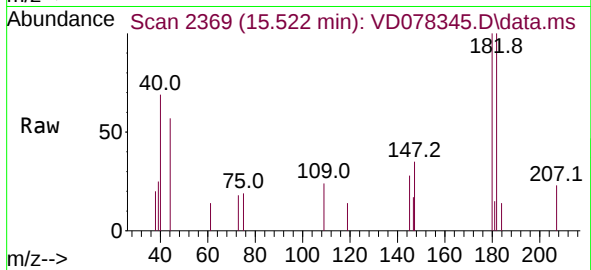
Tgt Ion:128 Resp: 4009
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 6.6 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.494 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078345.D
 Acq: 05 Feb 2024 13:46

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 1344
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.4 113.0
 145 0.0 26.8 40.2#

