

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080279.D
 Acq On : 18 Mar 2025 12:56
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 20 12:47:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 20 12:45:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	204335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	185333	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	90989	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	152768	22.70	ug/L	0.00
7) Chloroethane-d5	2.793	69	138730	23.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	35379	24.89	ug/L	0.00
21) 2-Butanone-d5	7.134	46	329	0.45	ug/L	0.15
24) Chloroform-d	7.563	84	152684	24.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	85415	24.81	ug/L	0.00
32) Benzene-d6	8.199	84	286915	26.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.205	67	99954	28.61	ug/L	0.00
41) Toluene-d8	10.269	98	241077	24.66	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	36601	25.45	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	25199	49.85	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	76938	24.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	88649	27.81	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	1139	0.30	ug/L #	83
3) Chloromethane	2.152	50	2040	0.33	ug/L #	77
5) Vinyl chloride	2.270	62	2670	0.33	ug/L #	1
6) Bromomethane	2.693	94	2320	0.56	ug/L	91
8) Chloroethane	2.840	64	432	0.08	ug/L	93
9) Trichlorofluoromethane	3.170	101	1451	0.24	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	3.946	101	408	0.12	ug/L #	26
12) 1,1-Dichloroethene	3.922	96	525	0.18	ug/L #	1
13) Acetone	4.017	43	486	0.64	ug/L	87
14) Carbon disulfide	4.258	76	2775	0.25	ug/L #	75
15) Methyl Acetate	4.558	43	55	0.03	ug/L #	54
16) Methylene chloride	4.799	84	5276	1.32	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	294	0.09	ug/L #	23
18) Methyl tert-butyl Ether	5.322	73	225	0.03	ug/L #	1
19) 1,1-Dichloroethane	6.116	63	1109	0.17	ug/L #	50
20) cis-1,2-Dichloroethene	7.069	96	315	0.09	ug/L #	5
22) 2-Butanone	7.081	43	367	0.37	ug/L #	100
25) Chloroform	7.599	83	8002	1.18	ug/L	97
27) 1,2-Dichloroethane	8.334	62	699	0.16	ug/L #	73
29) Cyclohexane	7.887	56	693	0.16	ug/L #	49
30) 1,1,1-Trichloroethane	7.793	97	563	0.12	ug/L #	69
31) Carbon tetrachloride	7.999	117	453	0.11	ug/L #	44
33) Benzene	8.252	78	1362	0.11	ug/L	100
34) Trichloroethene	9.028	95	368	0.11	ug/L #	69
35) Methylcyclohexane	9.281	83	1052	0.23	ug/L #	64
37) 1,2-Dichloropropane	9.299	63	341	0.10	ug/L #	87
38) Bromodichloromethane	9.581	83	642	0.14	ug/L #	28
39) cis-1,3-Dichloropropene	10.028	75	148	0.03	ug/L #	41
40) 4-Methyl-2-pentanone	10.157	43	669	0.36	ug/L #	45
42) Toluene	10.334	91	2410	0.19	ug/L	86
44) trans-1,3-Dichloropropene	10.557	75	371	0.09	ug/L #	42
45) 1,1,2-Trichloroethane	10.657	97	668	0.26	ug/L #	14

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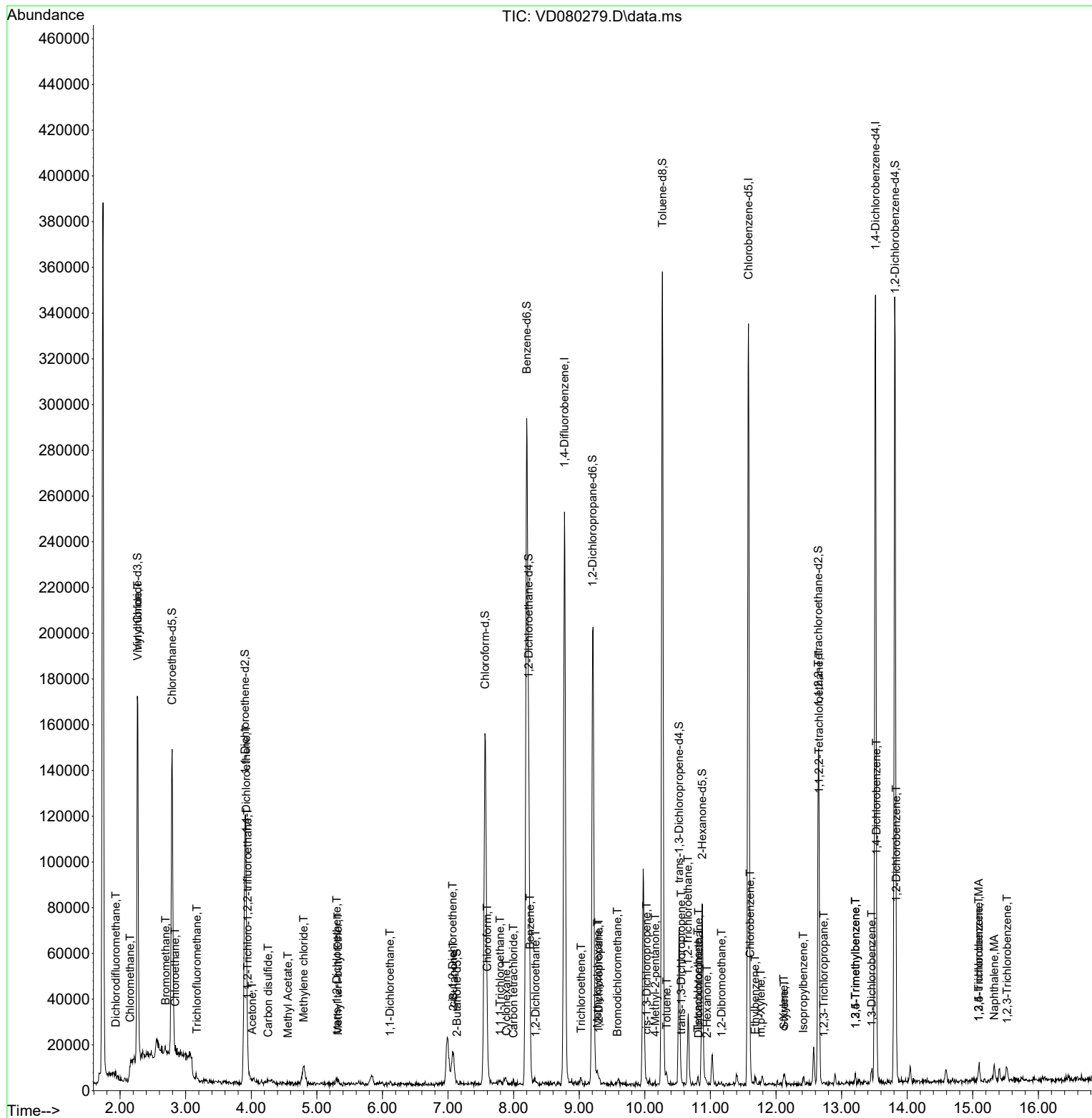
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.810	164	317	0.13	ug/L #	71
48) 2-Hexanone	10.946	43	59	0.04	ug/L #	21
49) Dibromochloromethane	10.822	129	147	0.05	ug/L #	10
50) 1,2-Dibromoethane	11.169	107	177	0.08	ug/L #	81
51) Chlorobenzene	11.604	112	1664	0.20	ug/L #	81
52) Ethylbenzene	11.681	91	2001	0.14	ug/L	98
53) m,p-Xylene	11.769	106	163	0.03	ug/L	71
54) o-Xylene	12.116	106	615	0.12	ug/L	84
55) Styrene	12.128	104	1479	0.17	ug/L #	73
57) 1,1,2,2-Tetrachloroethane	12.657	83	581	0.18	ug/L #	19
60) Isopropylbenzene	12.416	105	1909	0.16	ug/L #	84
61) 1,2,3-Trichloropropane	12.728	75	358	0.18	ug/L #	65
62) 1,3,5-Trimethylbenzene	13.210	105	2004	0.21	ug/L	93
63) 1,2,4-Trimethylbenzene	13.210	105	2004	0.20	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	2207	0.36	ug/L #	86
65) 1,4-Dichlorobenzene	13.534	146	2615	0.40	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	2193	0.39	ug/L	91
69) 1,3,5-Trichlorobenzene	15.092	180	2572	0.64	ug/L	95
70) 1,2,4-trichlorobenzene	15.092	180	2572	0.77	ug/L	96
71) Naphthalene	15.328	128	5718	0.91	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.522	180	2407	0.79	ug/L	96

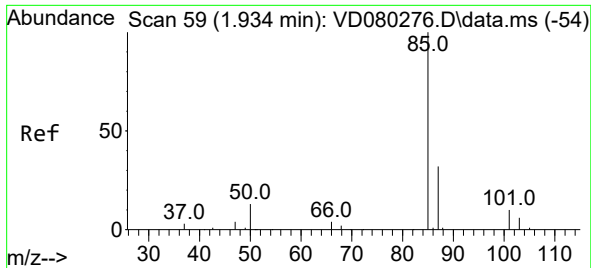
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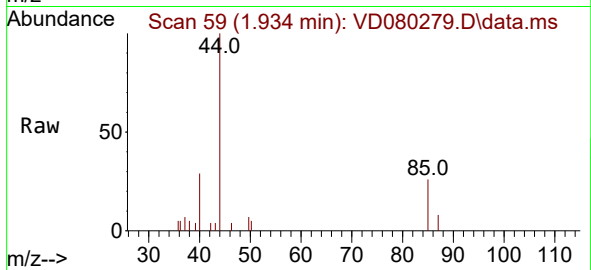
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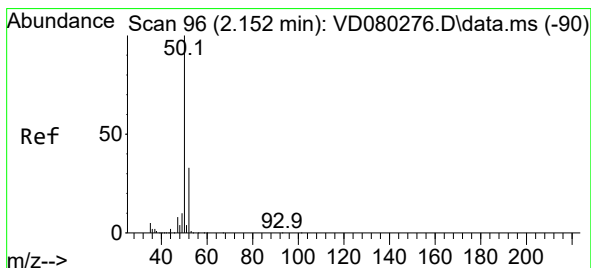
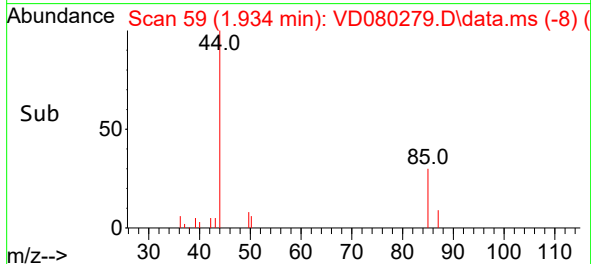
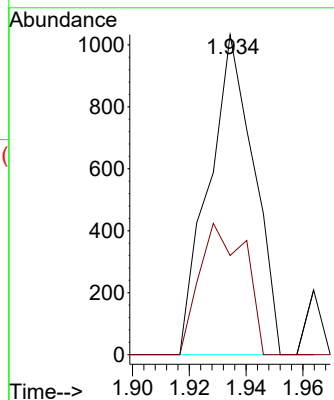


#2
Dichlorodifluoromethane
Concen: 0.30 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Instrument :
MSVOA_D
ClientSampleId :

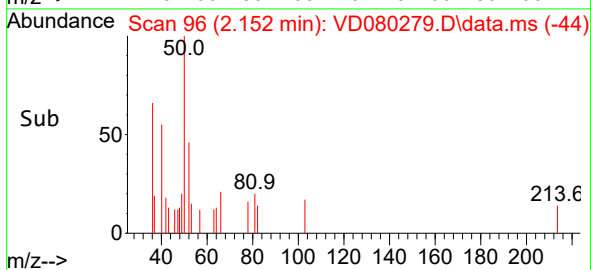
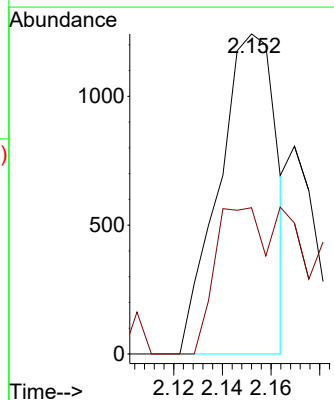
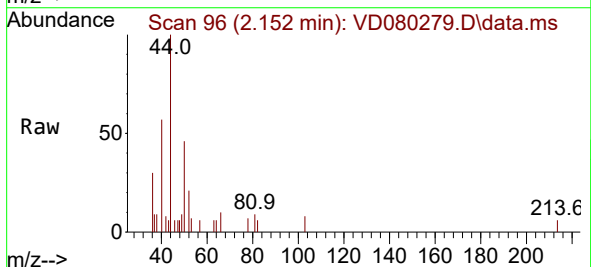


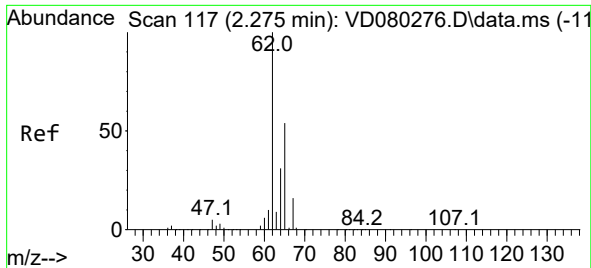
Tgt Ion: 85 Resp: 1139
Ion Ratio Lower Upper
85 100
87 41.7 25.6 38.4#



#3
Chloromethane
Concen: 0.33 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 50 Resp: 2040
Ion Ratio Lower Upper
50 100
52 45.7 23.1 42.9#

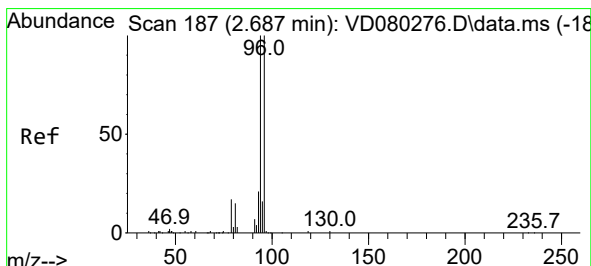
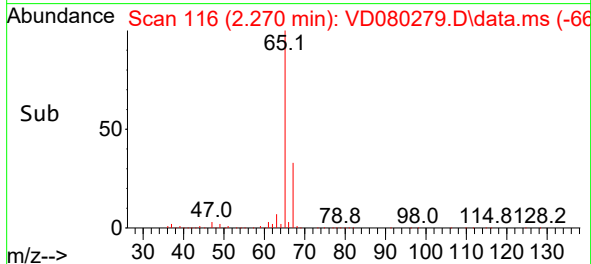
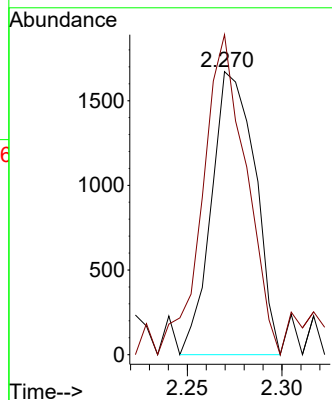
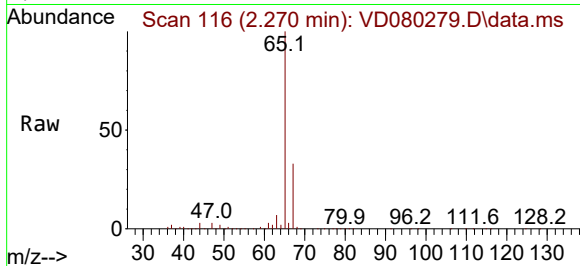




#5
 Vinyl chloride
 Concen: 0.33 ug/L
 RT: 2.270 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VD080279.D
 Acq: 18 Mar 2025 12:56

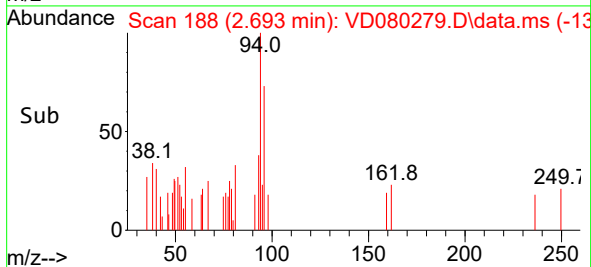
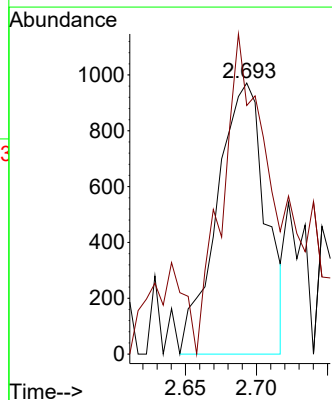
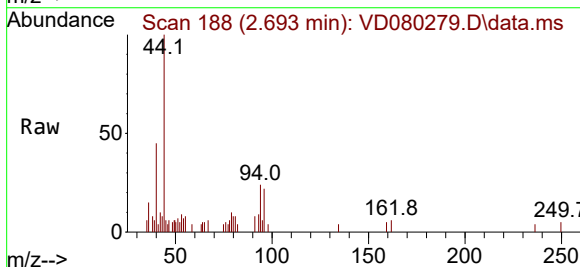
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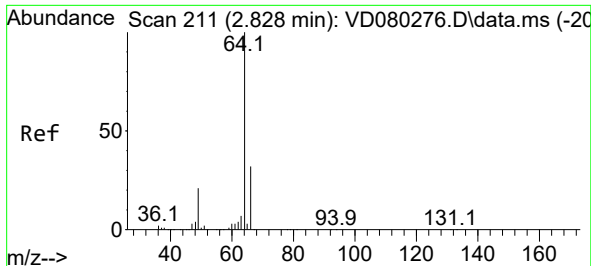
Tgt Ion: 62 Resp: 2670
 Ion Ratio Lower Upper
 62 100
 64 113.0 21.3 39.6#



#6
 Bromomethane
 Concen: 0.56 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.018 min
 Lab File: VD080279.D
 Acq: 18 Mar 2025 12:56

Tgt Ion: 94 Resp: 2320
 Ion Ratio Lower Upper
 94 100
 96 91.8 70.3 130.5

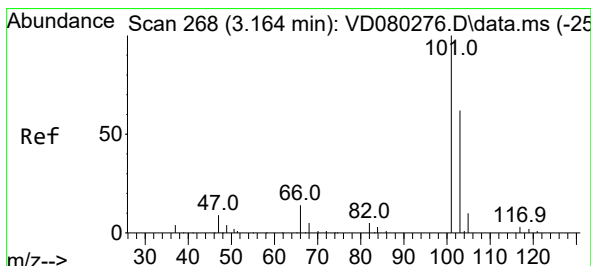
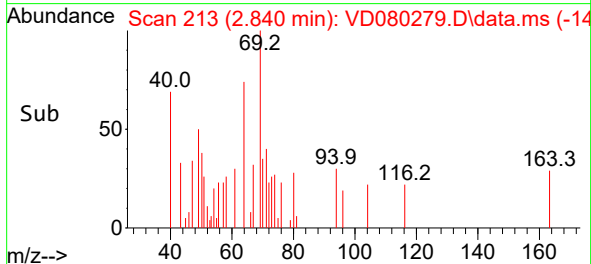
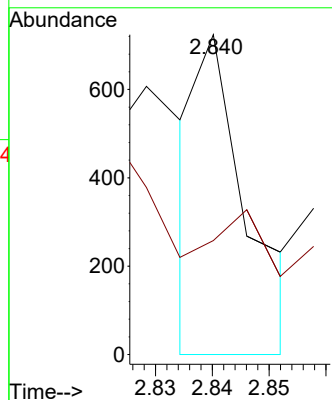
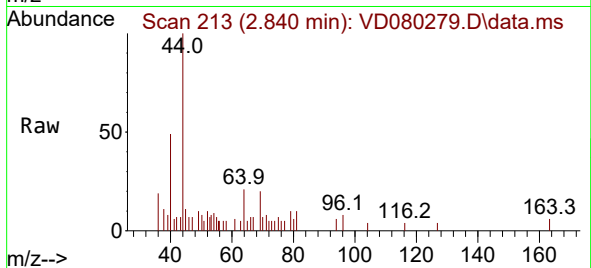




#8
Chloroethane
Concen: 0.08 ug/L
RT: 2.840 min Scan# 211
Delta R.T. 0.018 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

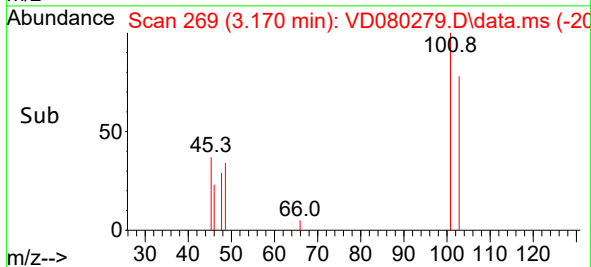
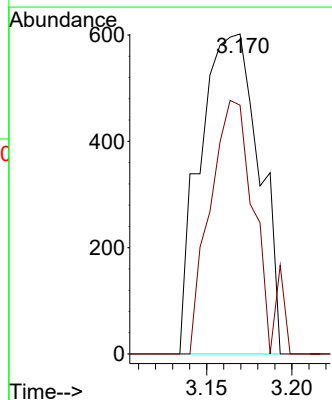
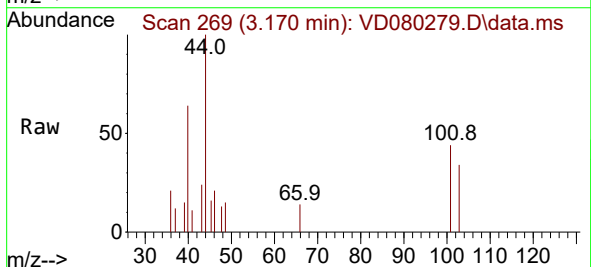
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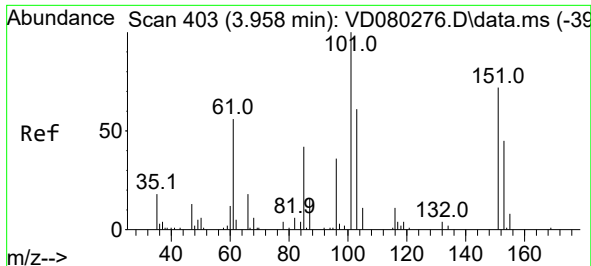
Tgt Ion: 64 Resp: 432
Ion Ratio Lower Upper
64 100
66 35.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.24 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion:101 Resp: 1451
Ion Ratio Lower Upper
101 100
103 56.9 52.0 78.0

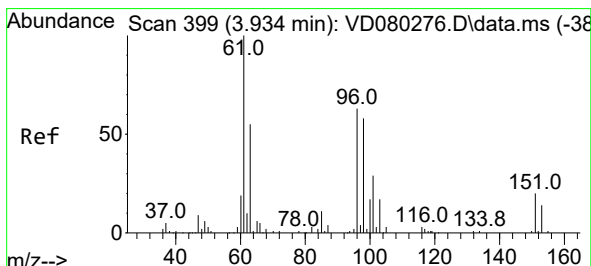
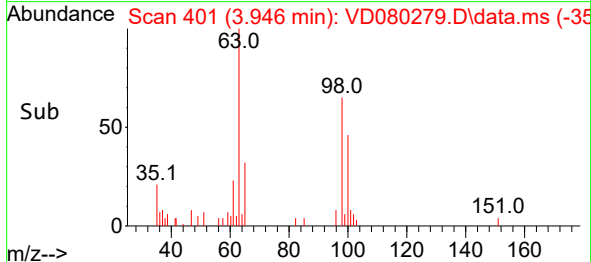
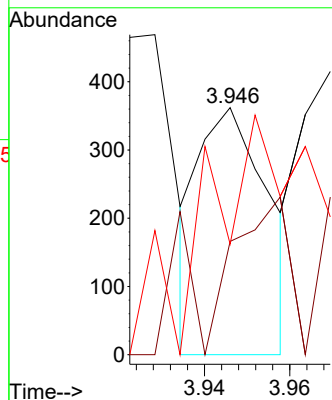
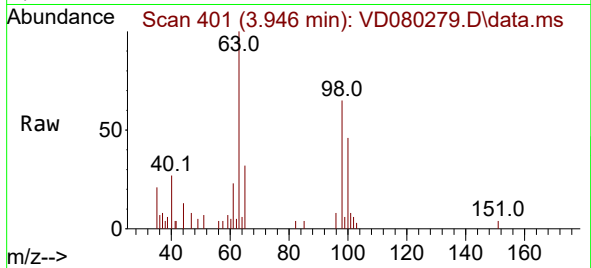




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.12 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD080279.D
 Acq: 18 Mar 2025 12:56

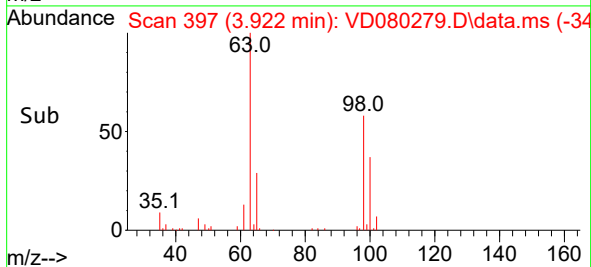
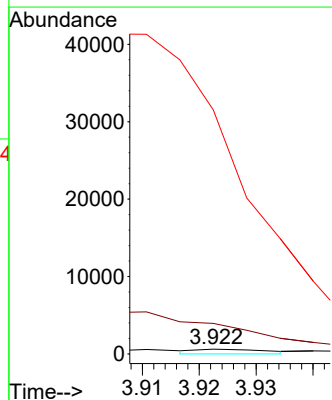
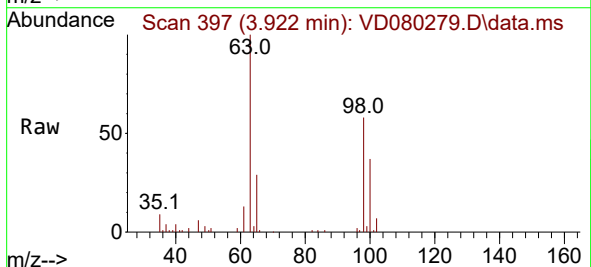
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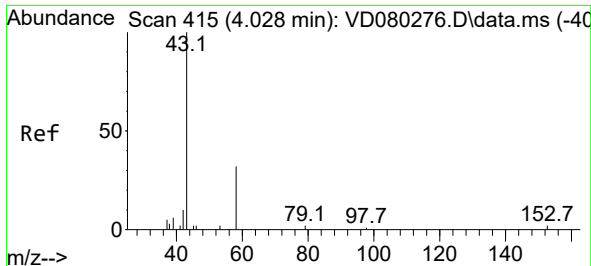
Tgt Ion:101 Resp: 408
 Ion Ratio Lower Upper
 101 100
 85 50.2 35.7 53.5
 151 164.5 55.6 83.4#



#12
 1,1-Dichloroethene
 Concen: 0.18 ug/L
 RT: 3.922 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VD080279.D
 Acq: 18 Mar 2025 12:56

Tgt Ion: 96 Resp: 525
 Ion Ratio Lower Upper
 96 100
 61 629.6 112.5 208.9#
 63 5020.4 71.3 132.5#

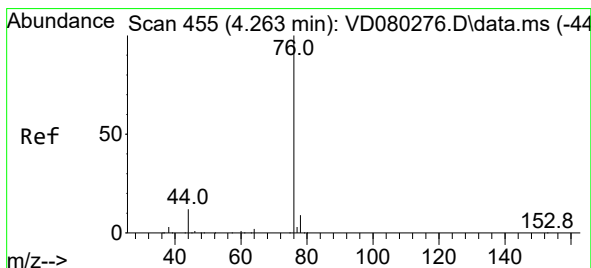
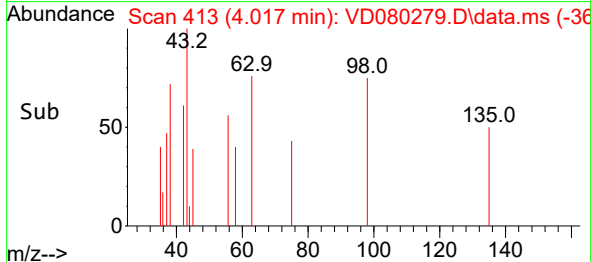
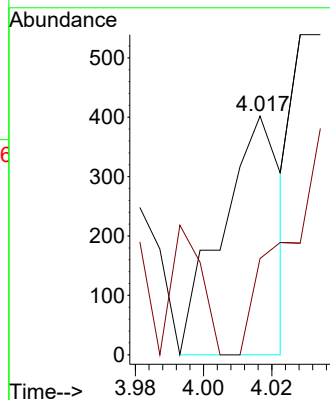
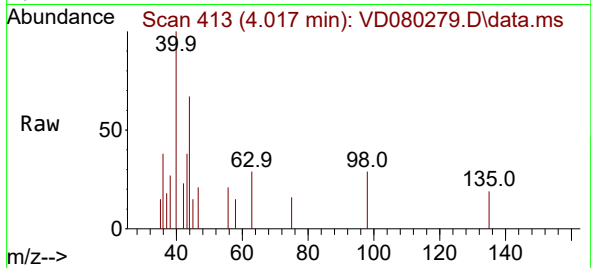




#13
Acetone
Concen: 0.64 ug/L
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

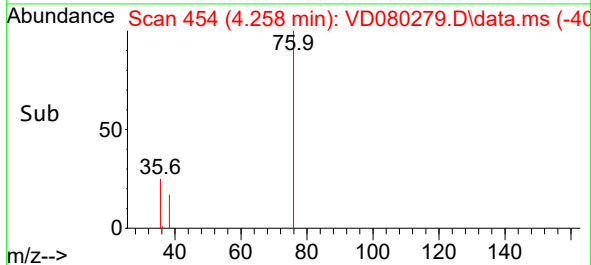
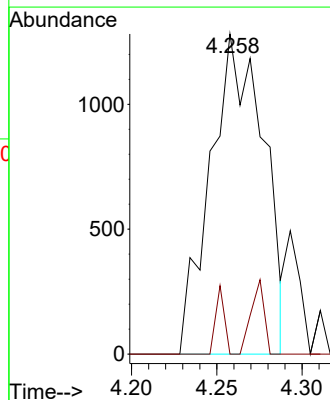
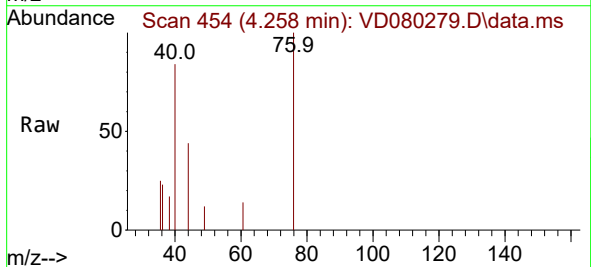
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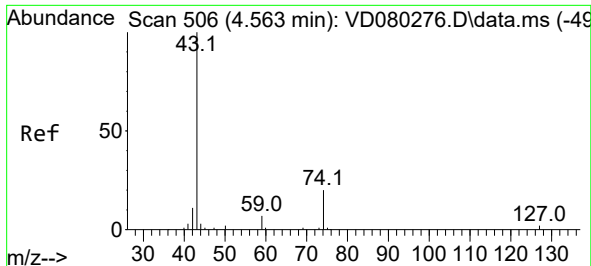
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 39.1 0.0 63.8



#14
Carbon disulfide
Concen: 0.25 ug/L
RT: 4.258 min Scan# 454
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 76 Resp: 2775
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

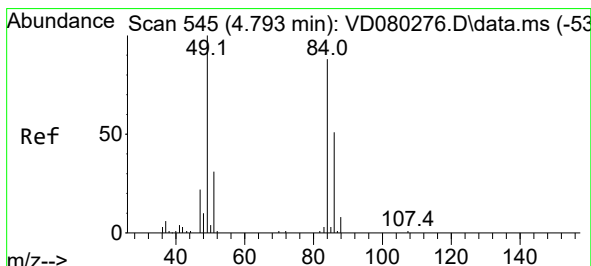
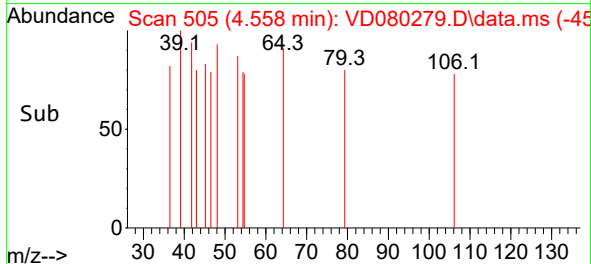
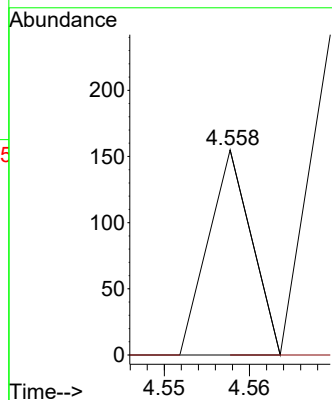
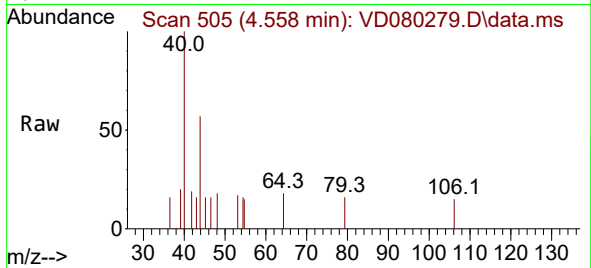




#15
Methyl Acetate
Concen: 0.03 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080279.D
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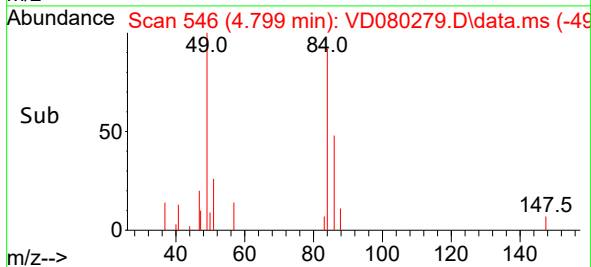
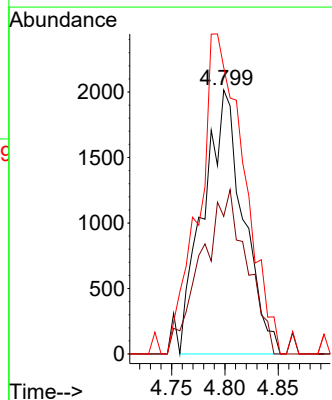
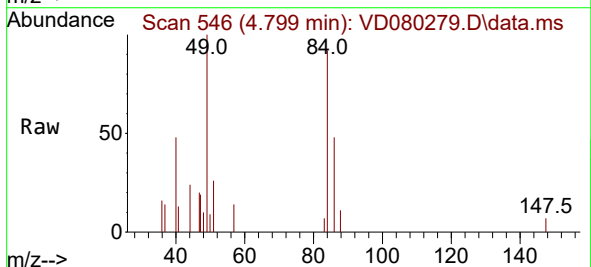
Instrument :
MSVOA_D
ClientSampleId :

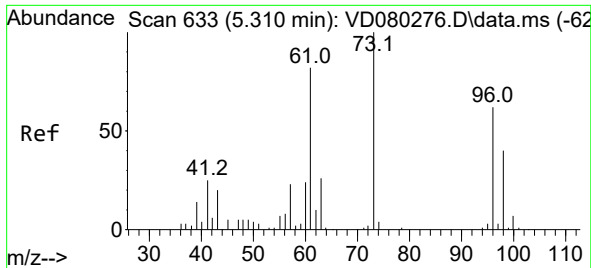
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#16
Methylene chloride
Concen: 1.32 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 84 Resp: 5276
Ion Ratio Lower Upper
84 100
86 52.2 40.9 75.9
49 108.6 79.7 147.9

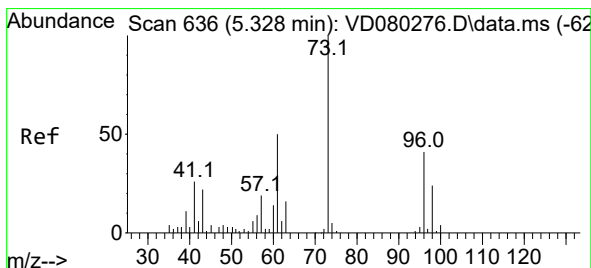
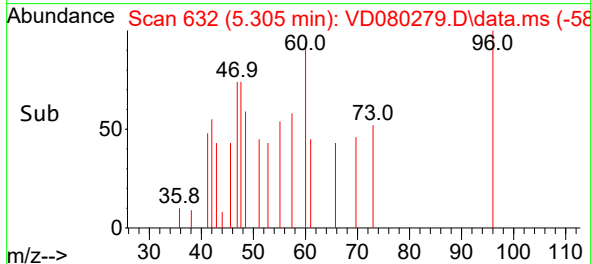
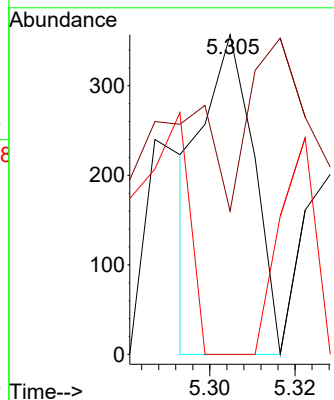
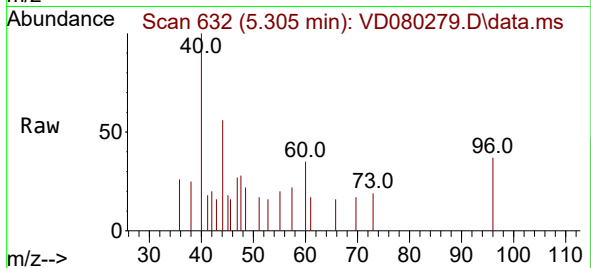




#17
trans-1,2-Dichloroethene
Concen: 0.09 ug/L
RT: 5.305 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

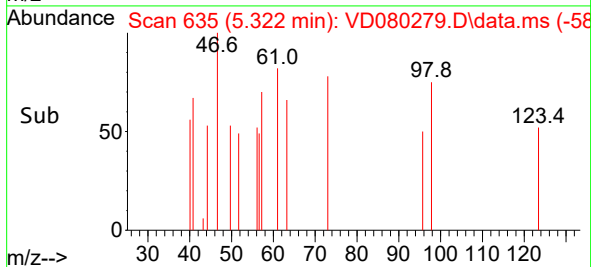
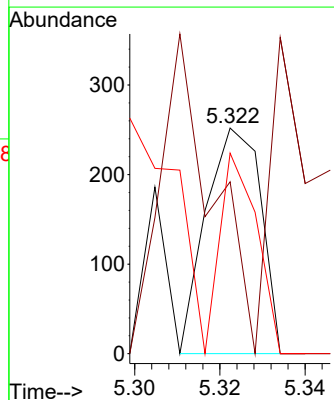
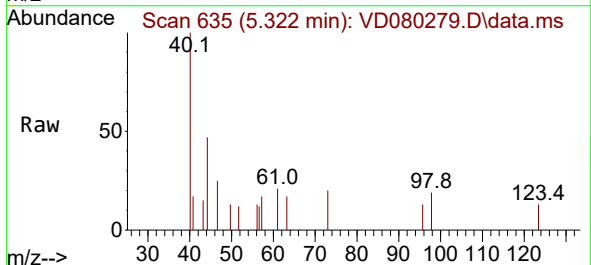
Instrument :
MSVOA_D
ClientSampleId :

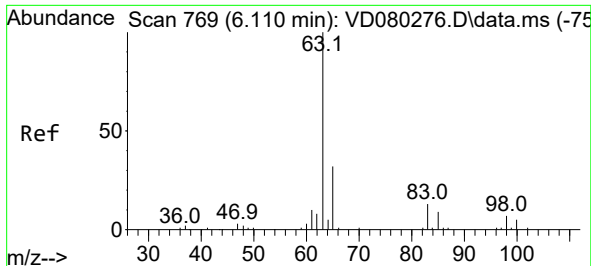
Tgt Ion: 96 Resp: 294
Ion Ratio Lower Upper
96 100
61 44.8 92.4 171.6#
98 0.0 45.1 83.7#



#18
Methyl tert-butyl Ether
Concen: 0.03 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 73 Resp: 225
Ion Ratio Lower Upper
73 100
43 85.3 17.2 25.8#
57 60.0 18.8 28.2#





#19

1,1-Dichloroethane

Concen: 0.17 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.012 min

Lab File: VD080279.D

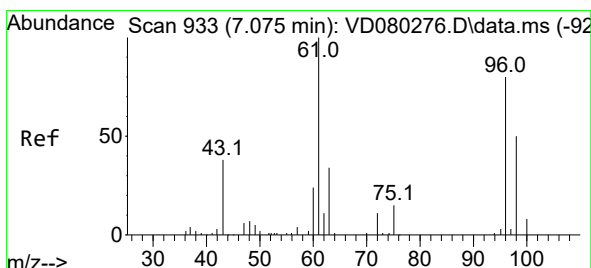
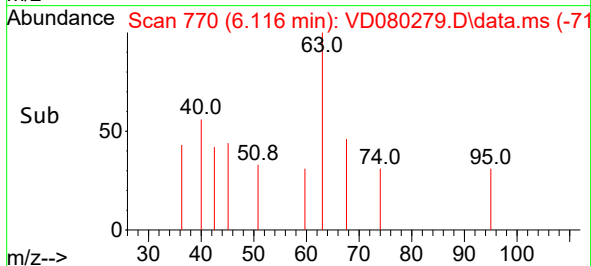
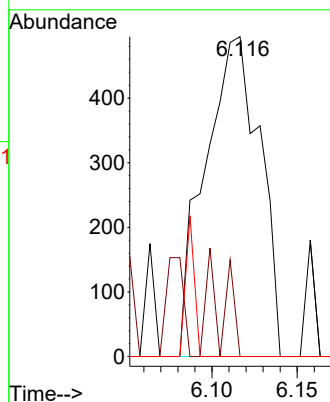
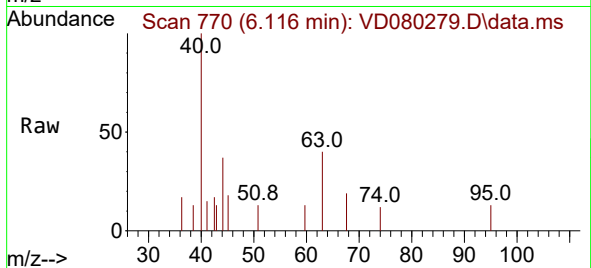
Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	63	Resp:	1109
Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.4	41.6#
83	0.0	8.8	16.3#



#20

cis-1,2-Dichloroethene

Concen: 0.09 ug/L

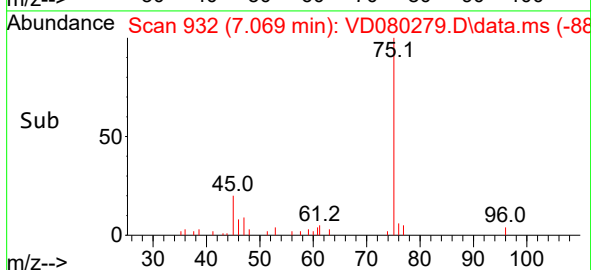
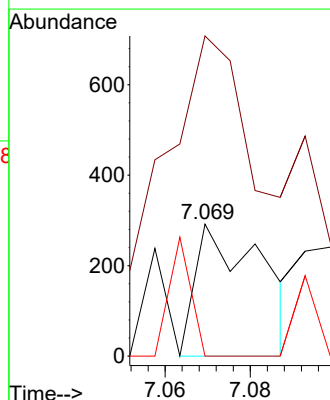
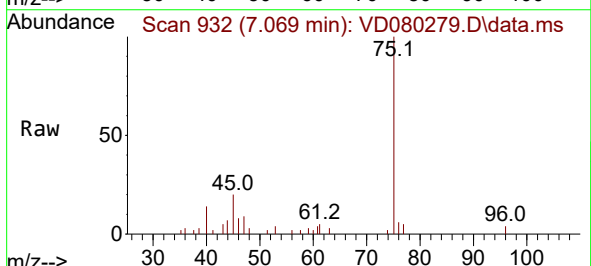
RT: 7.069 min Scan# 932

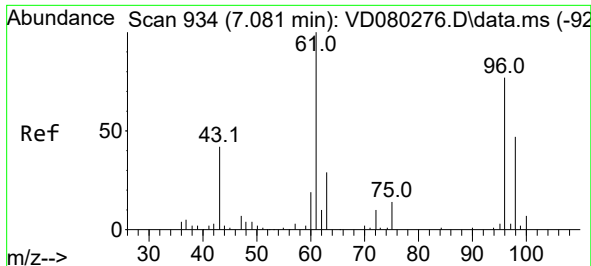
Delta R.T. -0.006 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Tgt Ion:	96	Resp:	315
Ion	Ratio	Lower	Upper
96	100		
61	242.5	87.8	163.0#
98	0.0	43.7	81.1#

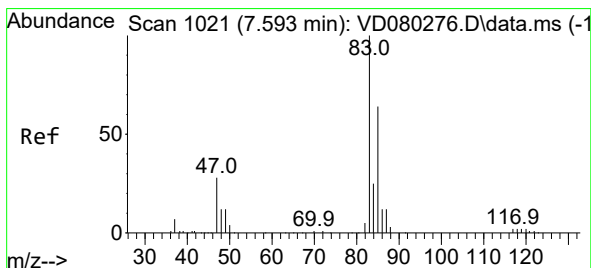
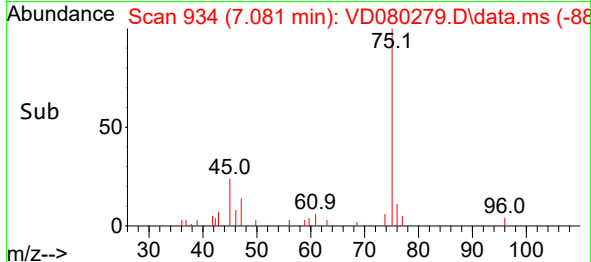
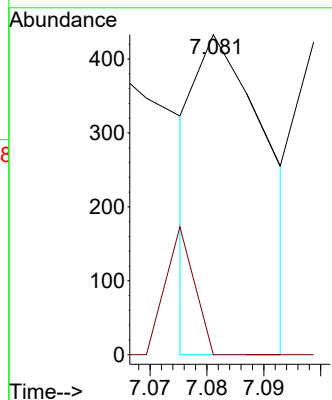
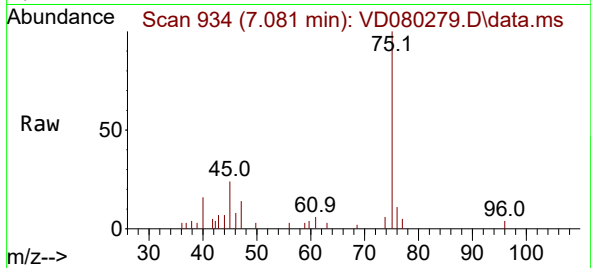




#22
2-Butanone
Concen: 0.37 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

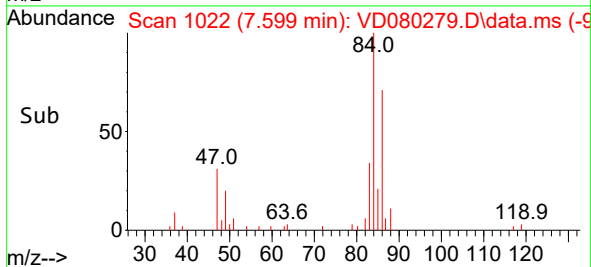
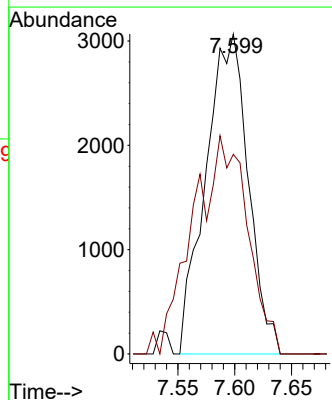
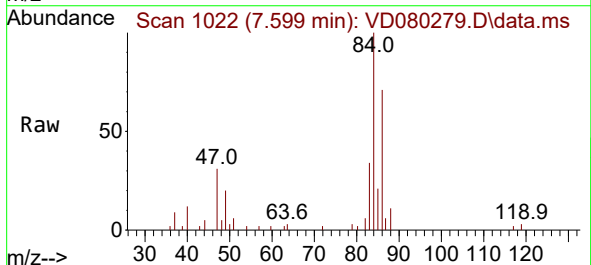
Instrument :
MSVOA_D
ClientSampleId :

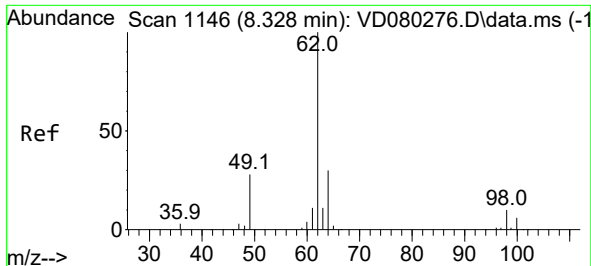
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
72 0.0 0.1 0.3#



#25
Chloroform
Concen: 1.18 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 83 Resp: 8002
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7





#27

1,2-Dichloroethane

Concen: 0.16 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

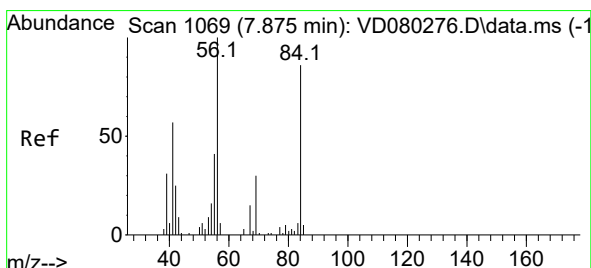
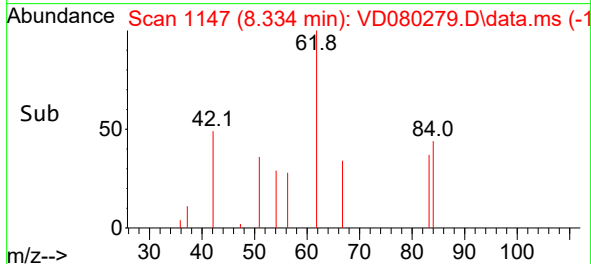
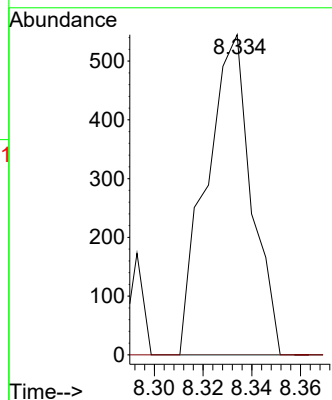
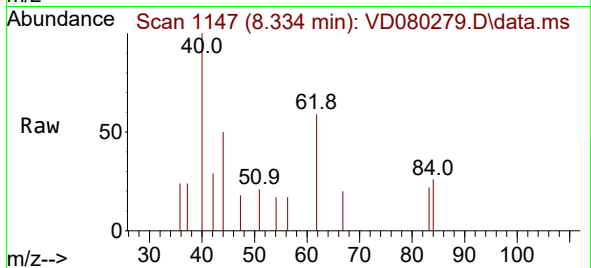
ClientSampleId :

Tgt Ion: 62 Resp: 699

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#29

Cyclohexane

Concen: 0.16 ug/L

RT: 7.887 min Scan# 1071

Delta R.T. 0.012 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

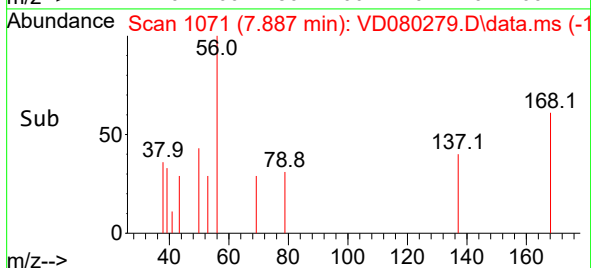
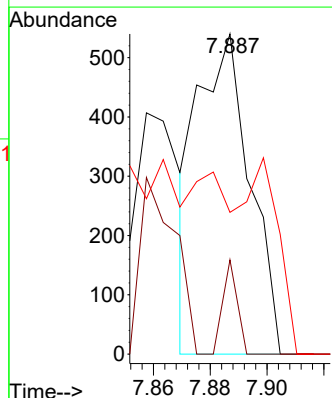
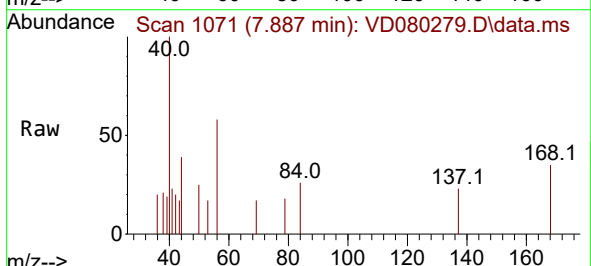
Tgt Ion: 56 Resp: 693

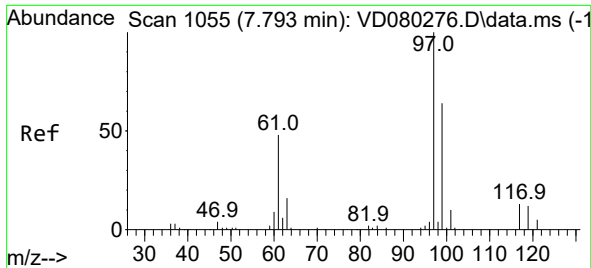
Ion Ratio Lower Upper

56 100

69 0.0 24.6 37.0#

84 42.6 71.4 107.2#

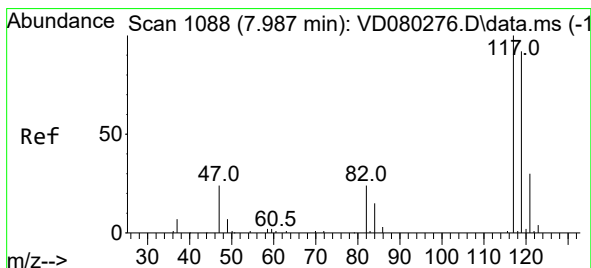
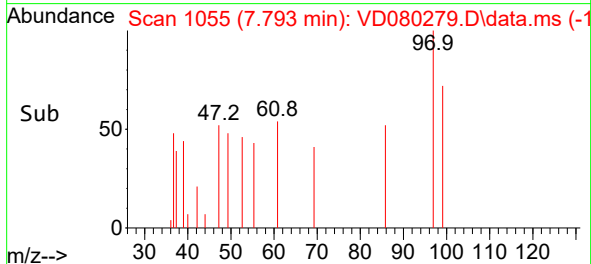
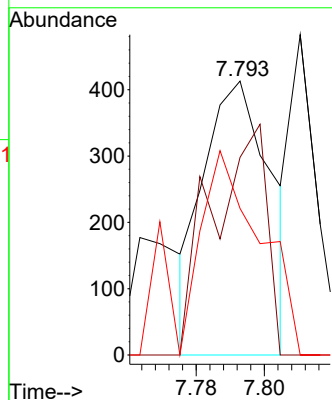
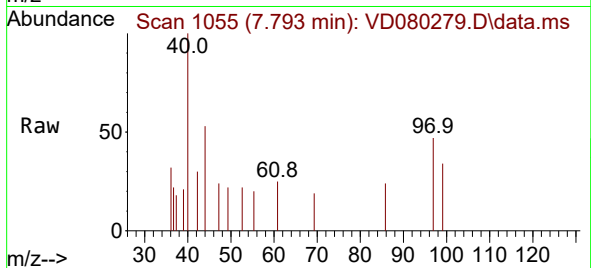




#30
1,1,1-Trichloroethane
Concen: 0.12 ug/L
RT: 7.793 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

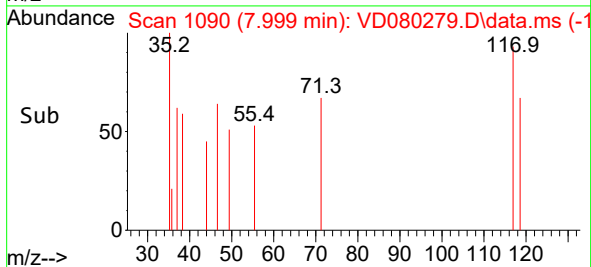
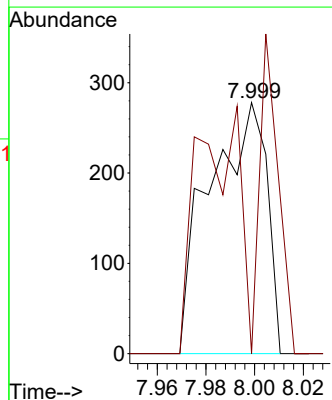
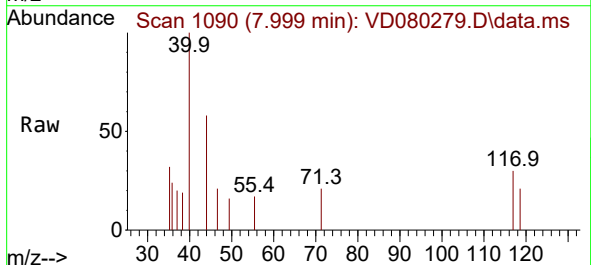
Instrument :
MSVOA_D
ClientSampleId :

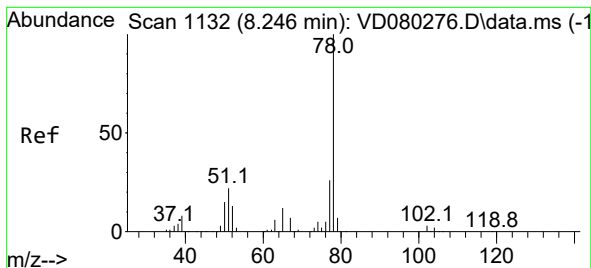
Tgt Ion: 97 Resp: 563
Ion Ratio Lower Upper
97 100
99 40.5 51.9 77.9#
61 66.1 36.7 55.1#



#31
Carbon tetrachloride
Concen: 0.11 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 117 Resp: 453
Ion Ratio Lower Upper
117 100
119 41.1 76.0 114.0#





#33

Benzene

Concen: 0.11 ug/L

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD080279.D

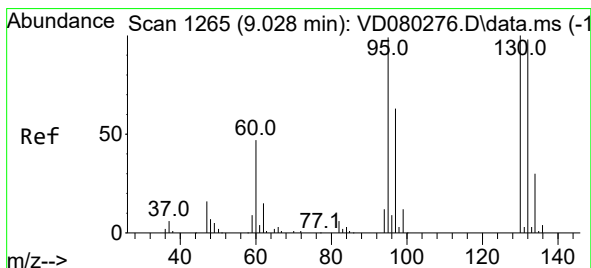
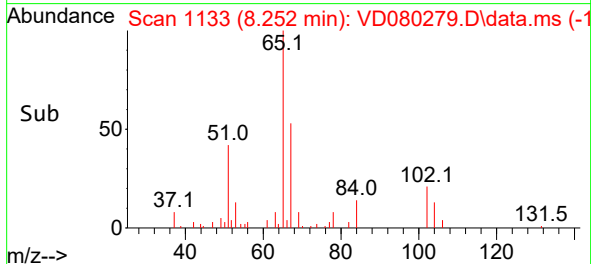
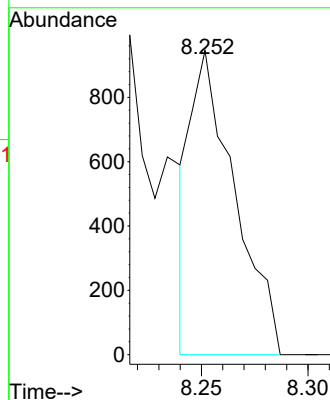
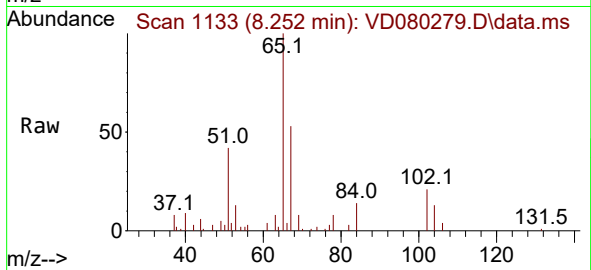
Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 78 Resp: 1362



#34

Trichloroethene

Concen: 0.11 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Tgt Ion: 95 Resp: 368

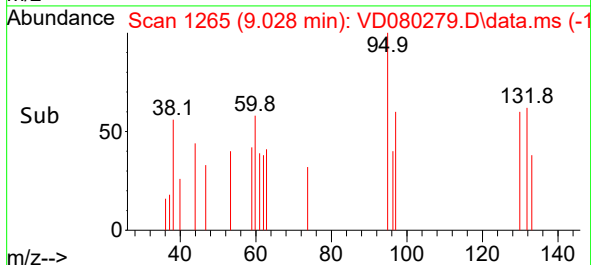
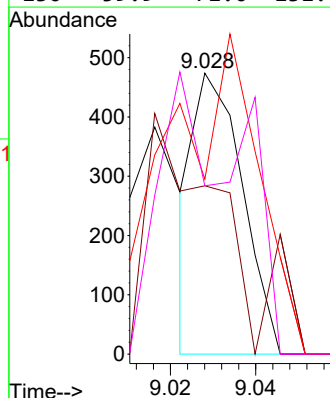
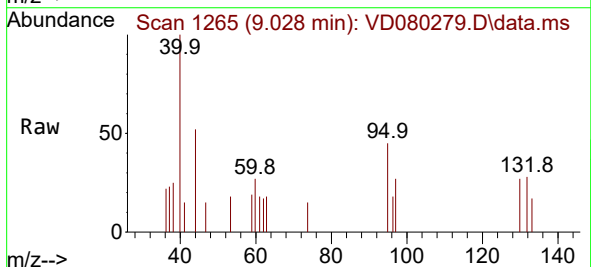
Ion Ratio Lower Upper

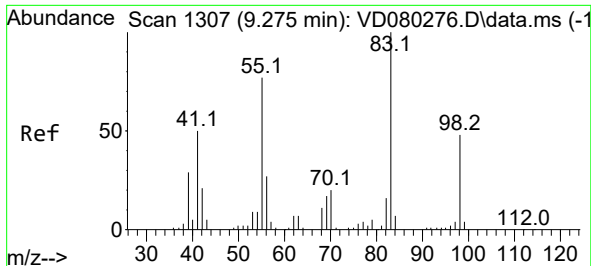
95 100

97 59.9 45.1 83.7

132 62.2 69.5 129.1#

130 59.9 71.0 131.8#





#35

Methylcyclohexane

Concen: 0.23 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

ClientSampleId :

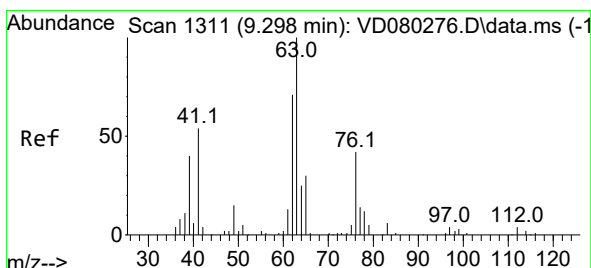
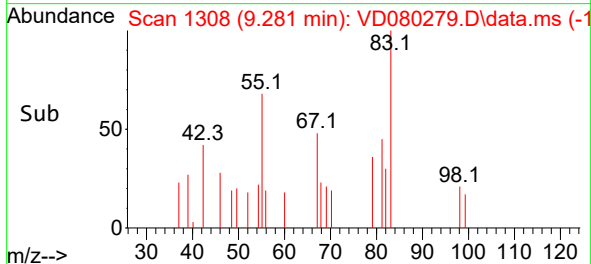
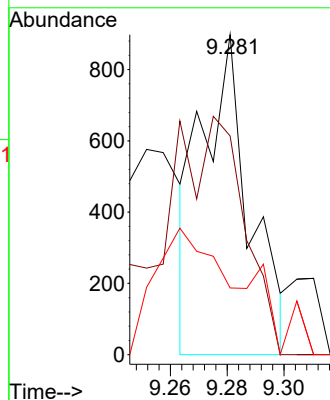
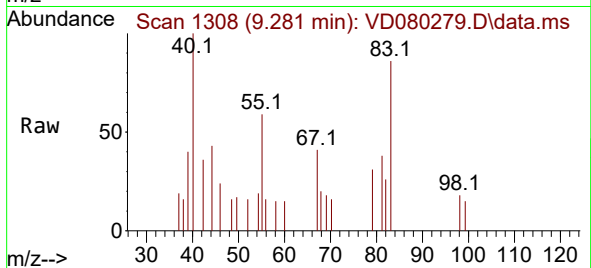
Tgt Ion: 83 Resp: 1052

Ion Ratio Lower Upper

83 100

55 61.2 65.0 97.6#

98 8.6 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.10 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD080279.D

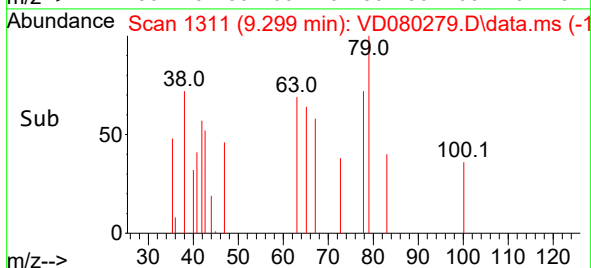
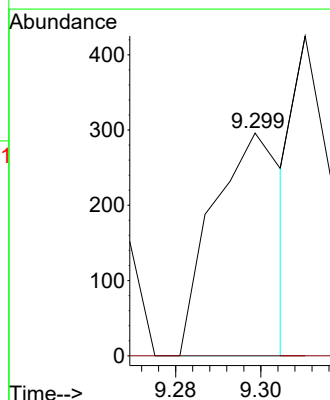
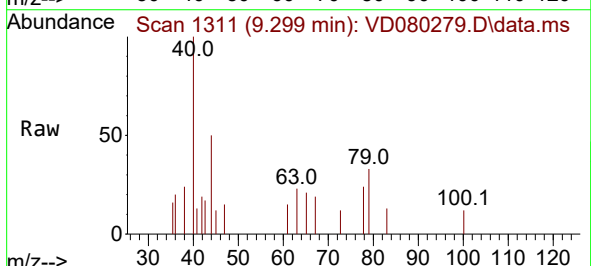
Acq: 18 Mar 2025 12:56

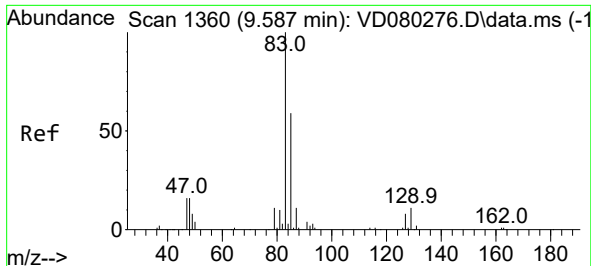
Tgt Ion: 63 Resp: 341

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

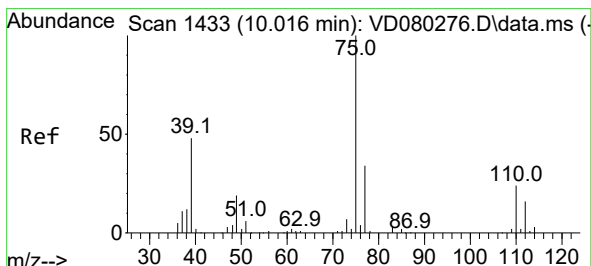
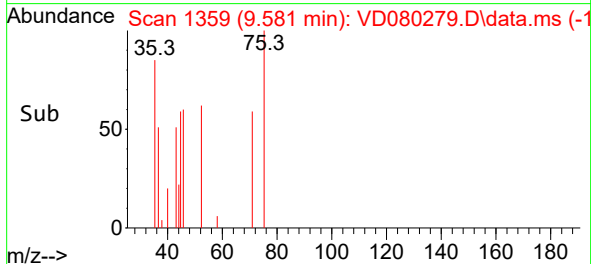
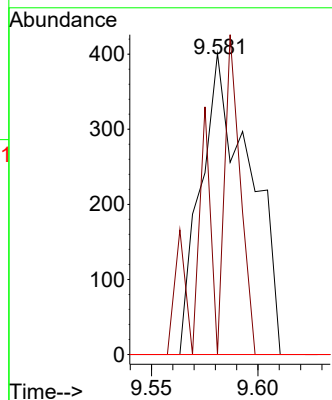
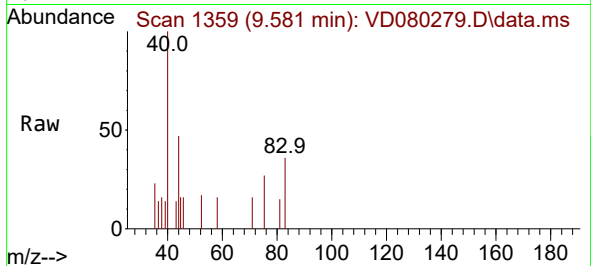




#38
Bromodichloromethane
Concen: 0.14 ug/L
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

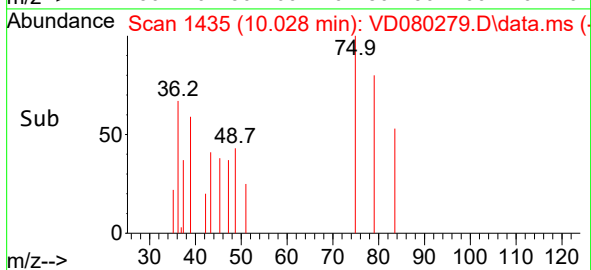
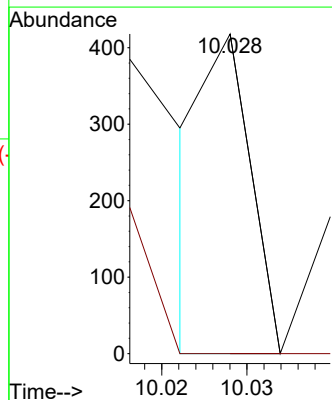
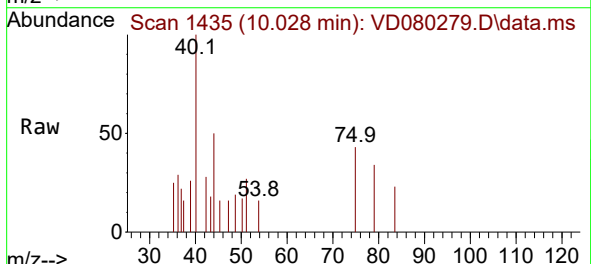
Instrument :
MSVOA_D
ClientSampleId :

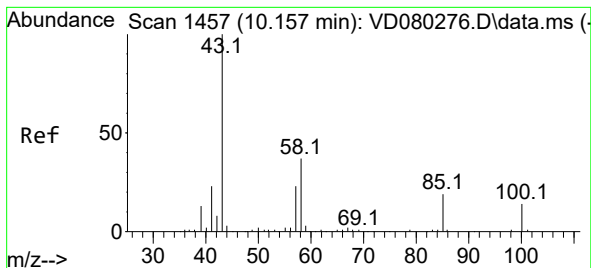
Tgt Ion: 83 Resp: 642
Ion Ratio Lower Upper
83 100
85 0.0 41.4 77.0#
127 0.0 6.6 10.0#



#39
cis-1,3-Dichloropropene
Concen: 0.03 ug/L
RT: 10.028 min Scan# 1435
Delta R.T. 0.012 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 0.0 23.7 43.9#

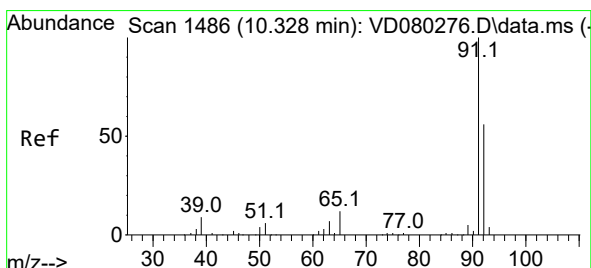
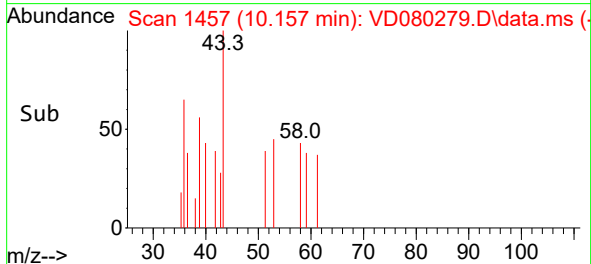
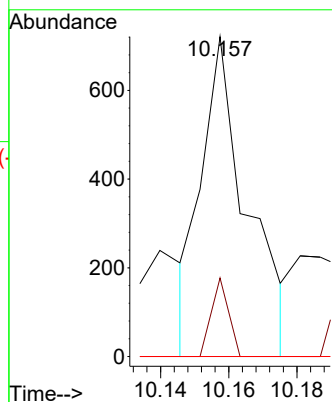
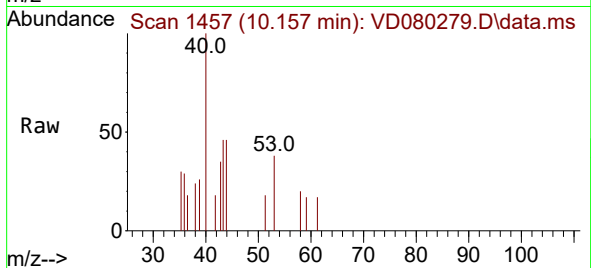




#40
4-Methyl-2-pentanone
Concen: 0.36 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

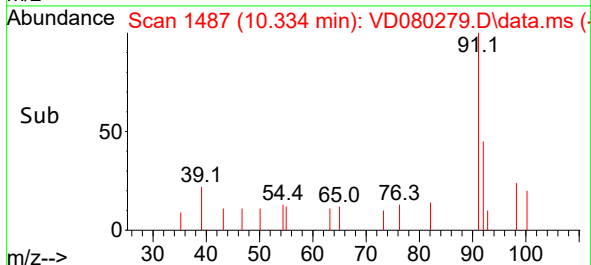
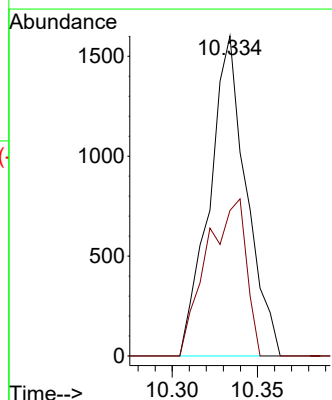
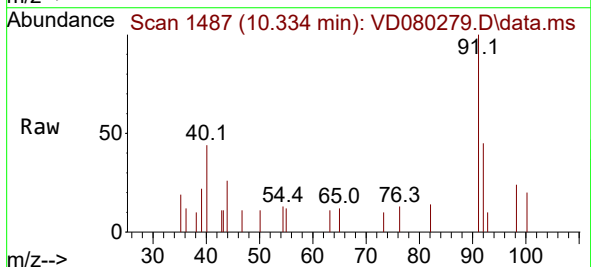
Instrument :
MSVOA_D
ClientSampleId :

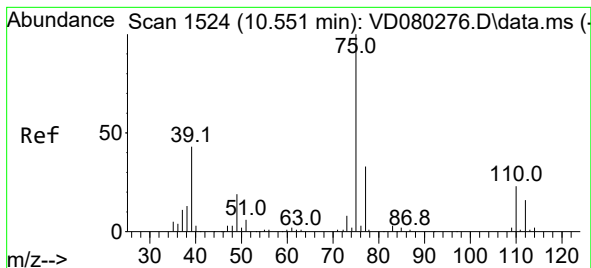
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 0.0 29.9 44.9#
100 0.0 11.3 16.9#



#42
Toluene
Concen: 0.19 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion: 91 Resp: 2410
Ion Ratio Lower Upper
91 100
92 45.4 38.9 72.3





#44

trans-1,3-Dichloropropene

Concen: 0.09 ug/L

RT: 10.557 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

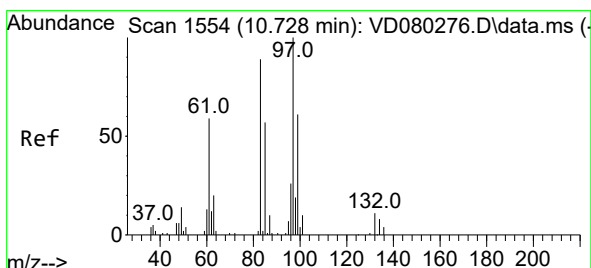
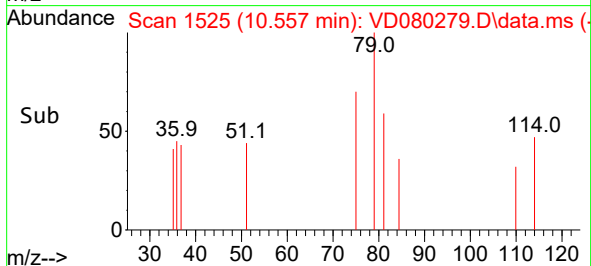
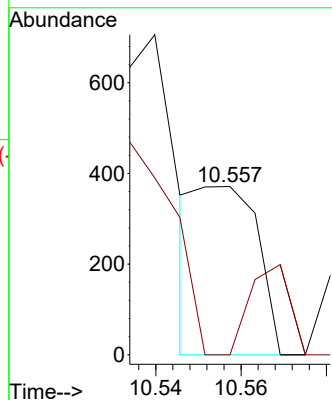
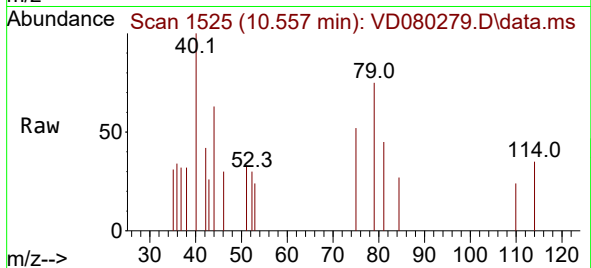
ClientSampleId :

Tgt Ion: 75 Resp: 371

Ion Ratio Lower Upper

75 100

77 0.0 22.9 42.5#



#45

1,1,2-Trichloroethane

Concen: 0.26 ug/L

RT: 10.657 min Scan# 1542

Delta R.T. -0.076 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Tgt Ion: 97 Resp: 668

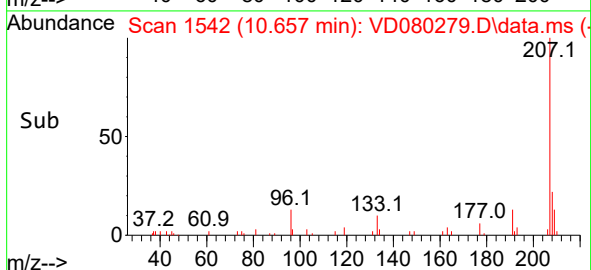
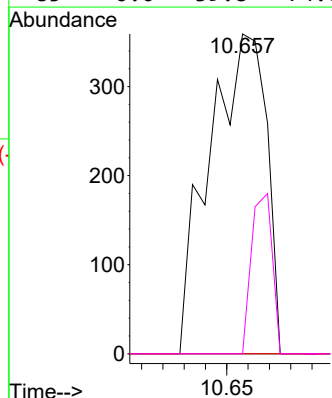
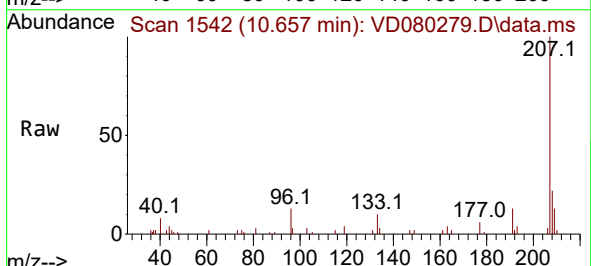
Ion Ratio Lower Upper

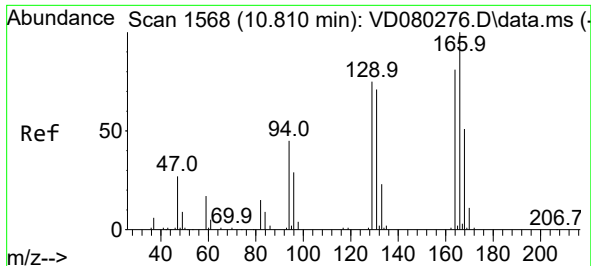
97 100

99 0.0 43.0 79.8#

83 0.0 62.2 115.4#

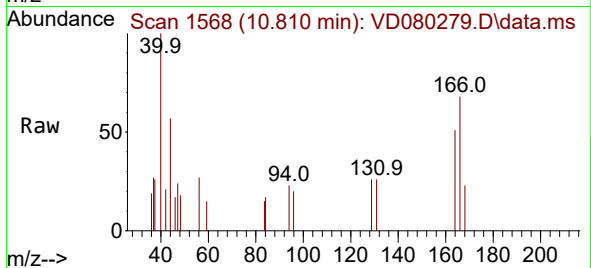
85 0.0 39.8 74.0#



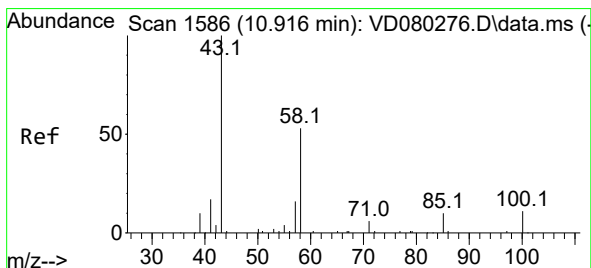
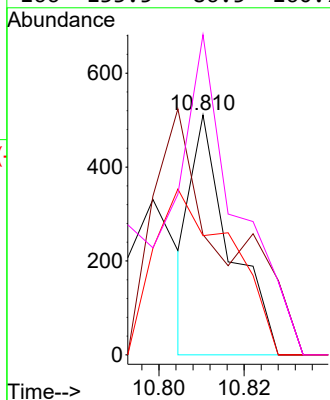
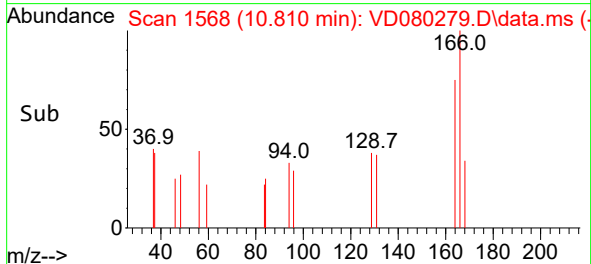


#46
Tetrachloroethene
Concen: 0.13 ug/L
RT: 10.810 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

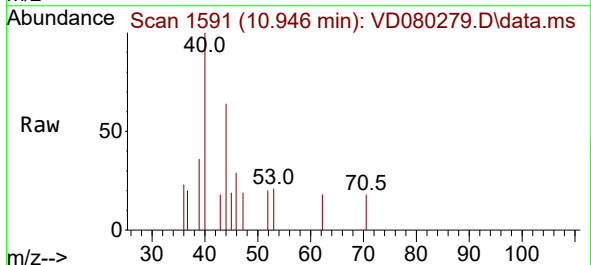
Instrument :
MSVOA_D
ClientSampleId :



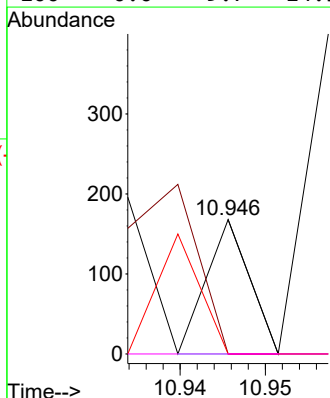
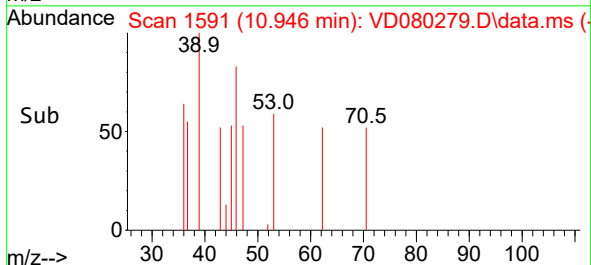
Tgt Ion:164 Resp: 317
Ion Ratio Lower Upper
164 100
129 50.1 64.9 120.5#
131 49.7 61.5 114.3#
166 133.5 86.5 160.7

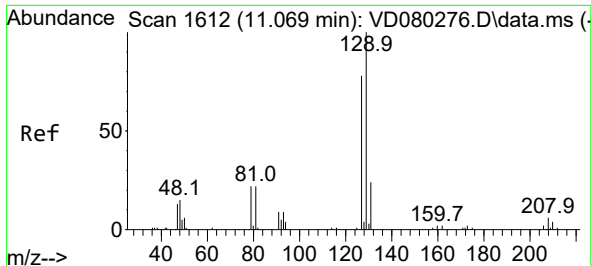


#48
2-Hexanone
Concen: 0.04 ug/L
RT: 10.946 min Scan# 1591
Delta R.T. 0.024 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56



Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 127.1 42.8 64.2#
57 0.0 15.0 22.4#
100 0.0 9.7 14.5#





#49

Dibromochloromethane

Concen: 0.05 ug/L

RT: 10.822 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

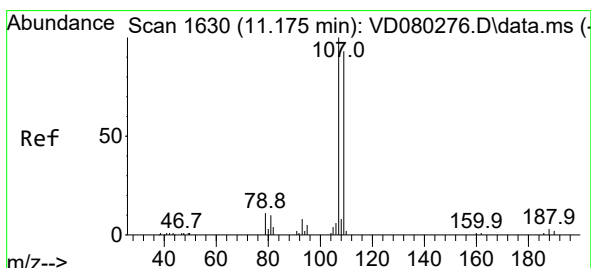
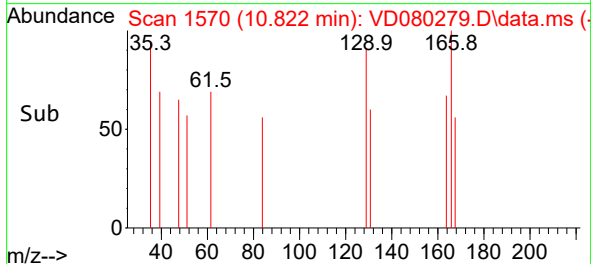
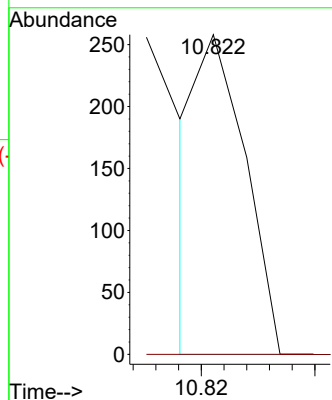
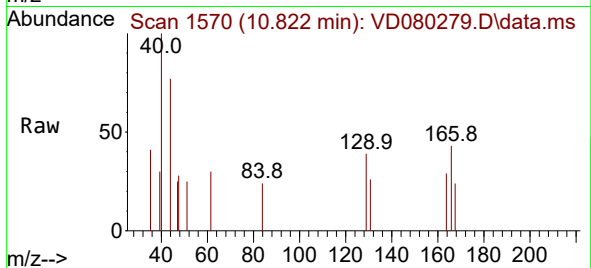
ClientSampleId :

Tgt Ion:129 Resp: 147

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#50

1,2-Dibromoethane

Concen: 0.08 ug/L

RT: 11.169 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

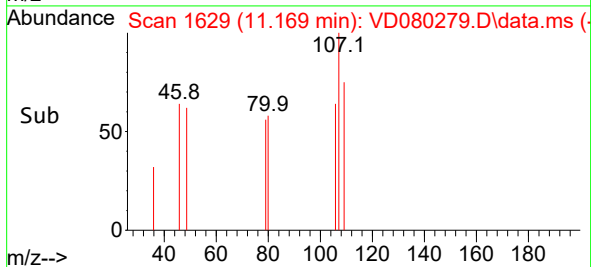
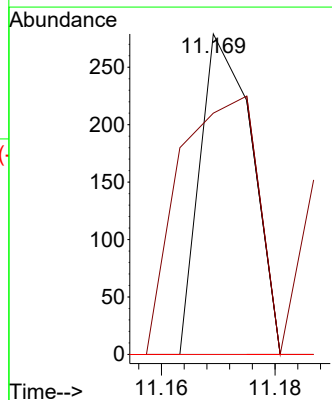
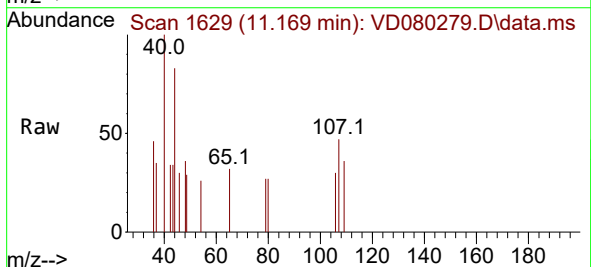
Tgt Ion:107 Resp: 177

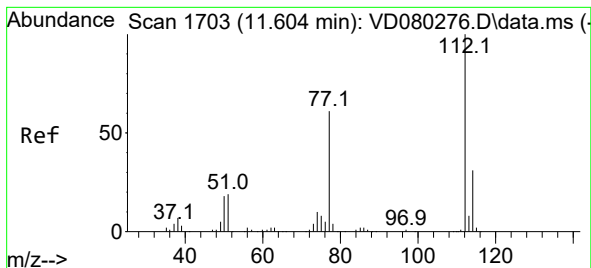
Ion Ratio Lower Upper

107 100

109 75.3 65.5 121.6

188 0.0 2.2 3.2#





#51

Chlorobenzene

Concen: 0.20 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD080279.D

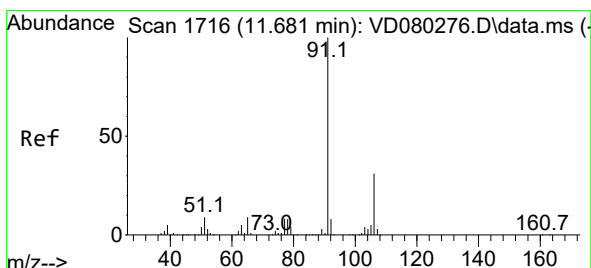
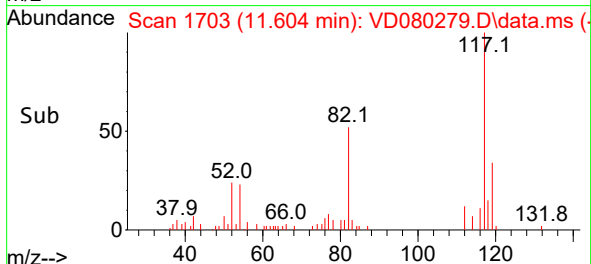
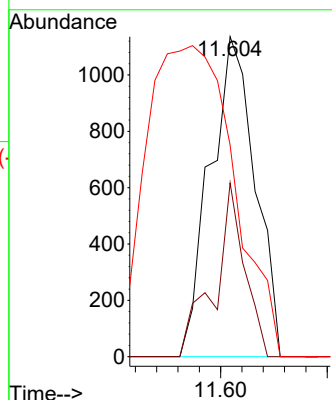
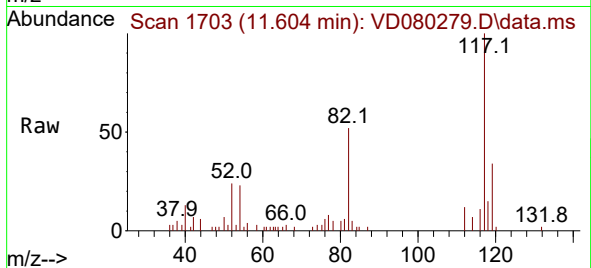
Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	112	Resp:	1664
Ion	Ratio	Lower	Upper
112	100		
114	54.3	21.8	40.6#
77	66.1	48.8	73.2



#52

Ethylbenzene

Concen: 0.14 ug/L

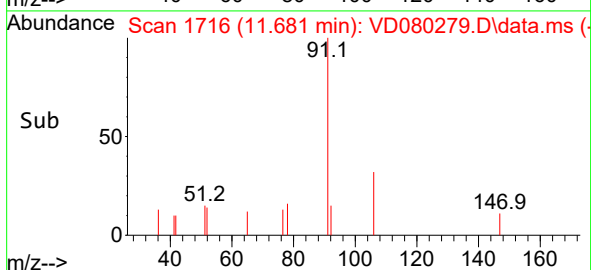
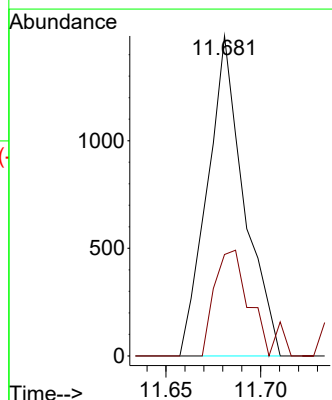
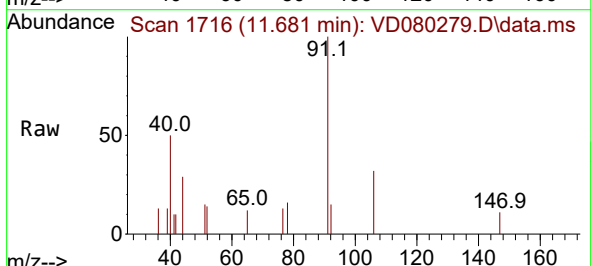
RT: 11.681 min Scan# 1716

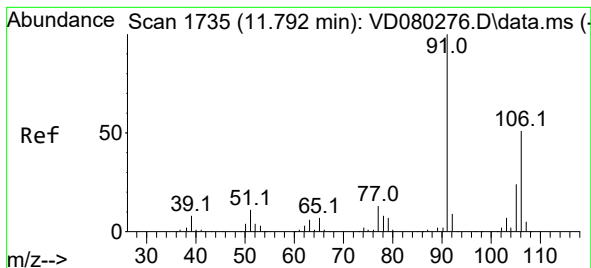
Delta R.T. 0.000 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Tgt Ion:	91	Resp:	2001
Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.4	39.8





#53

m,p-Xylene

Concen: 0.03 ug/L

RT: 11.769 min Scan# 1731

Delta R.T. -0.023 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

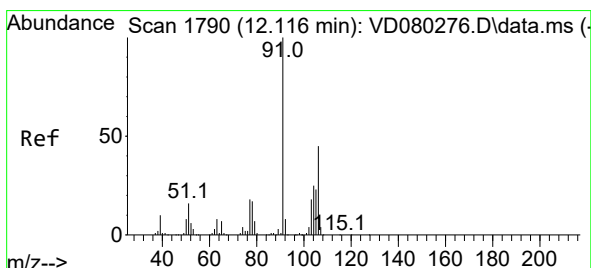
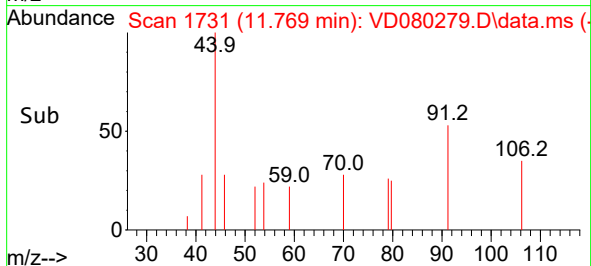
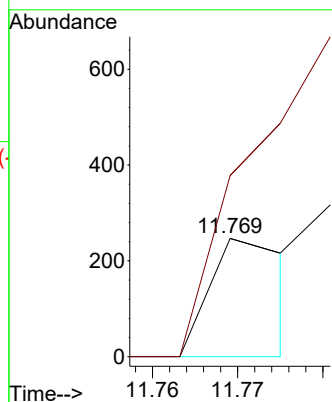
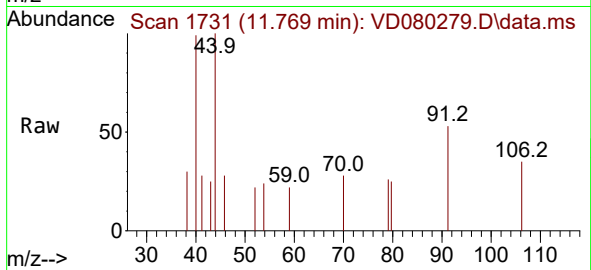
ClientSampleId :

Tgt Ion:106 Resp: 163

Ion Ratio Lower Upper

106 100

91 153.0 138.0 256.2



#54

o-Xylene

Concen: 0.12 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080279.D

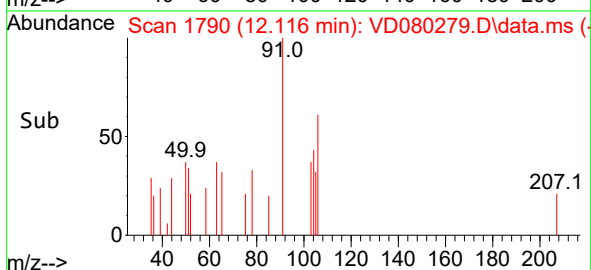
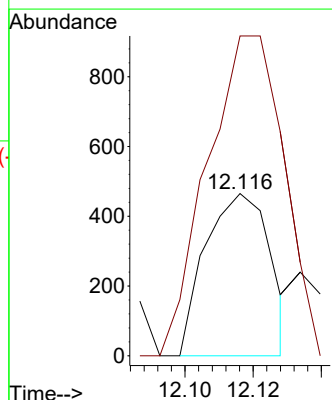
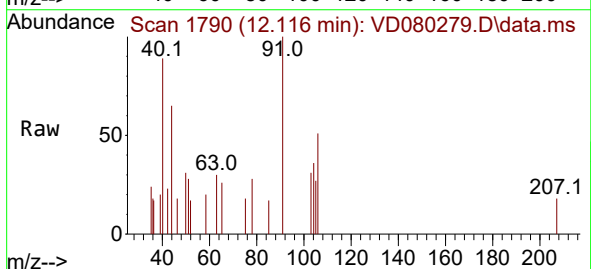
Acq: 18 Mar 2025 12:56

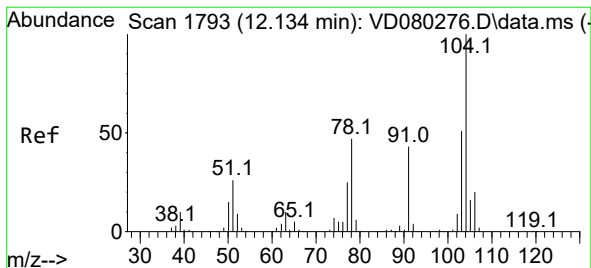
Tgt Ion:106 Resp: 615

Ion Ratio Lower Upper

106 100

91 197.2 156.5 290.7





#55

Styrene

Concen: 0.17 ug/L

RT: 12.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

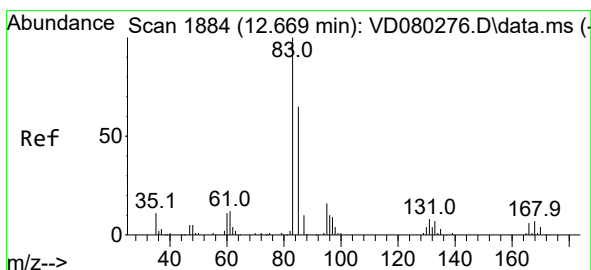
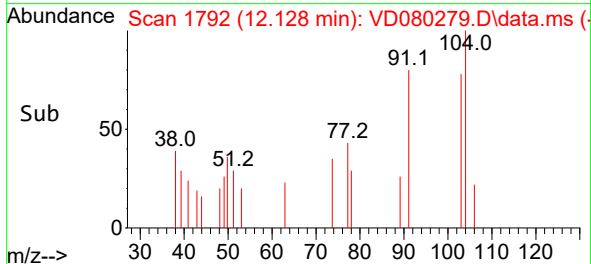
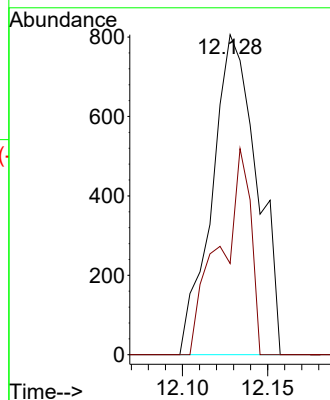
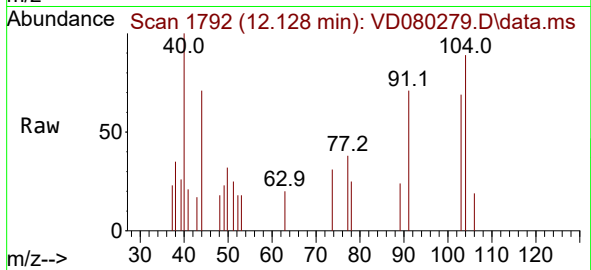
ClientSampleId :

Tgt Ion:104 Resp: 1479

Ion Ratio Lower Upper

104 100

78 28.5 32.7 60.7#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.18 ug/L

RT: 12.657 min Scan# 1882

Delta R.T. -0.012 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

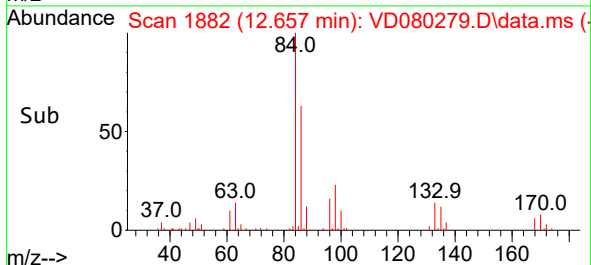
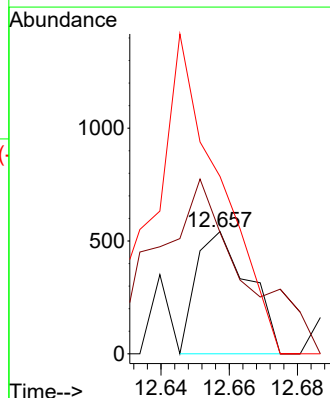
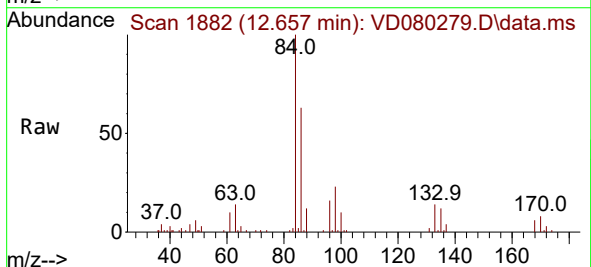
Tgt Ion: 83 Resp: 581

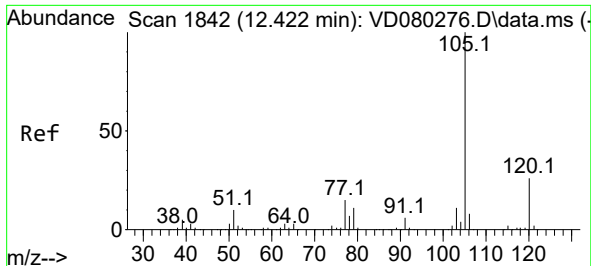
Ion Ratio Lower Upper

83 100

85 99.3 46.1 85.7#

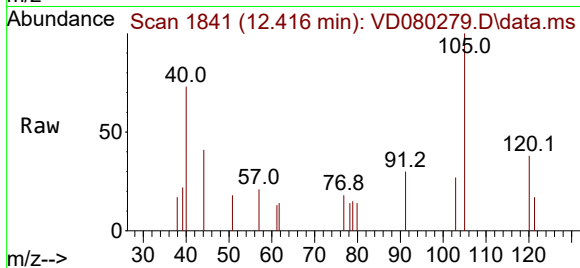
131 145.0 6.9 10.3#



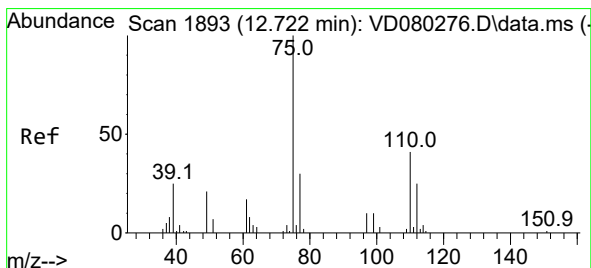
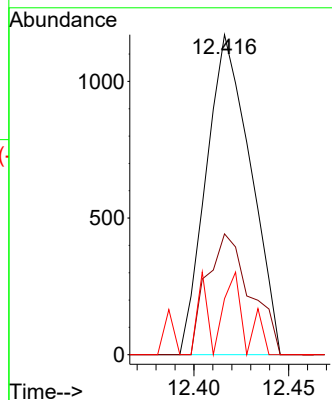
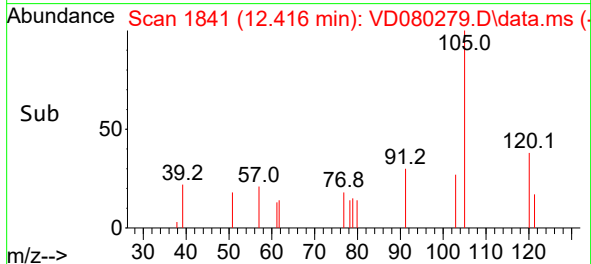


#60
Isopropylbenzene
Concen: 0.16 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

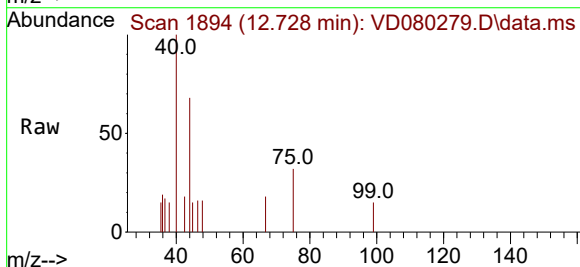
Instrument :
MSVOA_D
ClientSampleId :



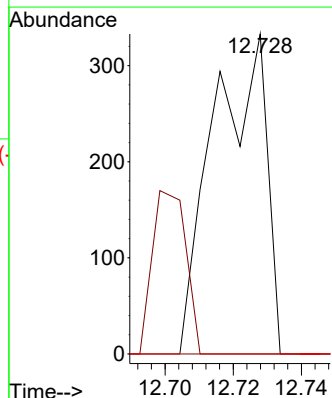
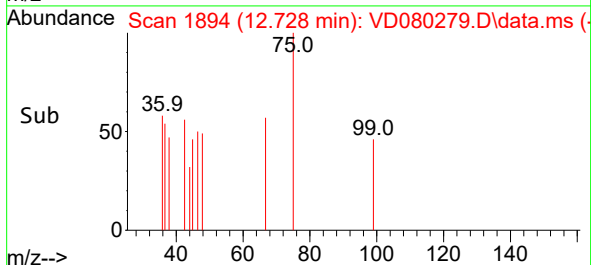
Tgt Ion:105 Resp: 1909
Ion Ratio Lower Upper
105 100
120 33.9 20.6 31.0#
77 9.4 12.5 18.7#

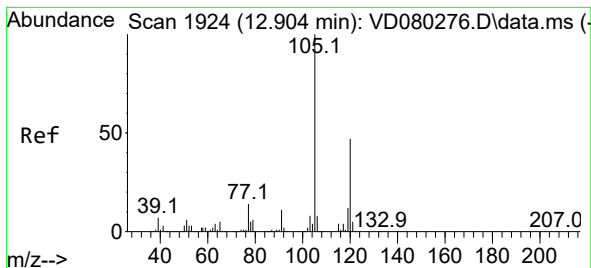


#61
1,2,3-Trichloropropane
Concen: 0.18 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56



Tgt Ion: 75 Resp: 358
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
110 0.0 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.21 ug/L

RT: 13.210 min Scan# 1924

Delta R.T. 0.312 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

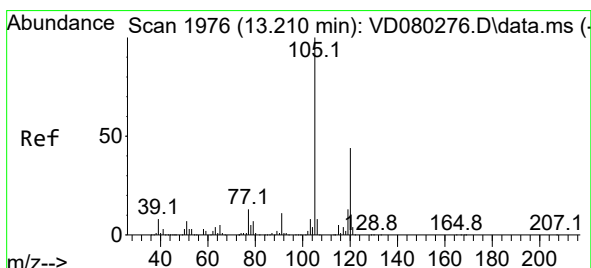
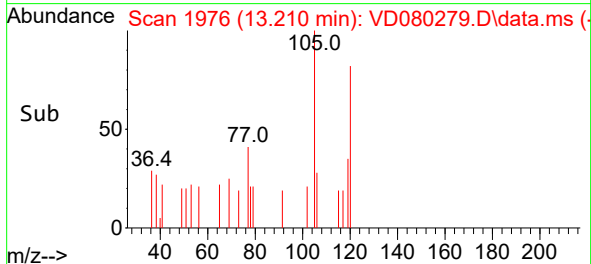
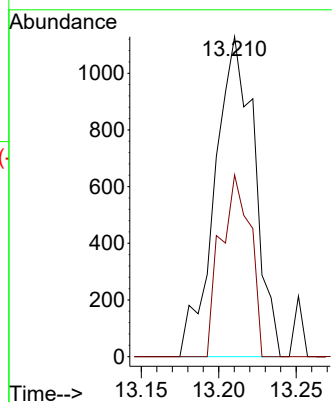
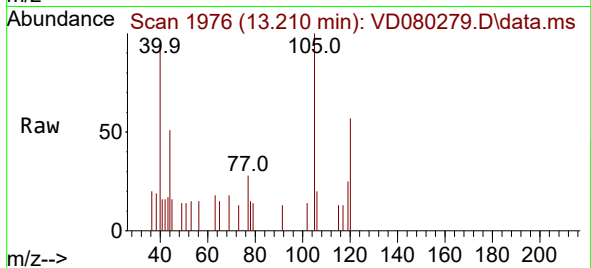
ClientSampleId :

Tgt Ion:105 Resp: 2004

Ion Ratio Lower Upper

105 100

120 42.6 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 0.20 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080279.D

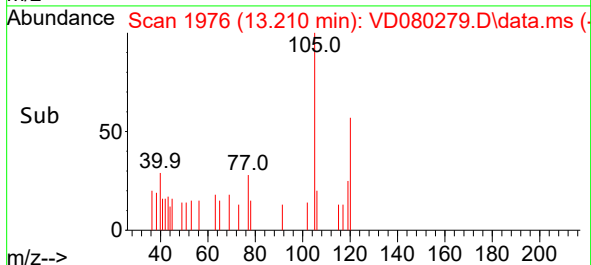
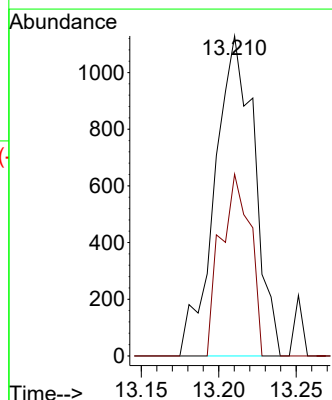
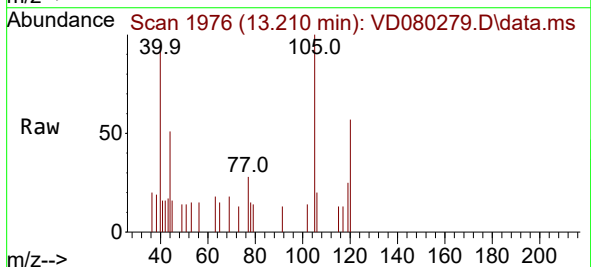
Acq: 18 Mar 2025 12:56

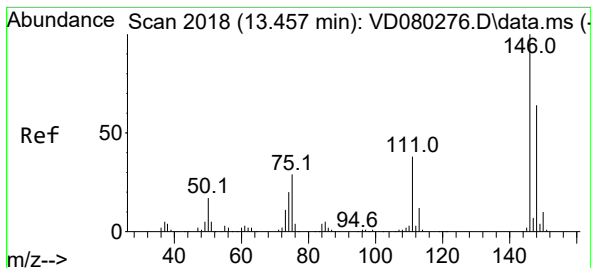
Tgt Ion:105 Resp: 2004

Ion Ratio Lower Upper

105 100

120 42.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 0.36 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

ClientSampleId :

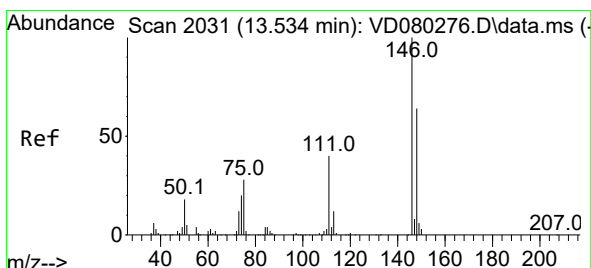
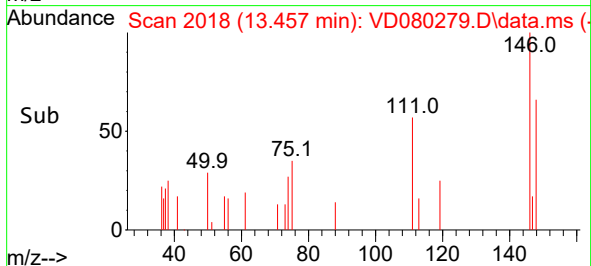
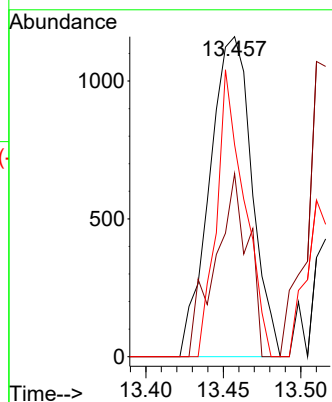
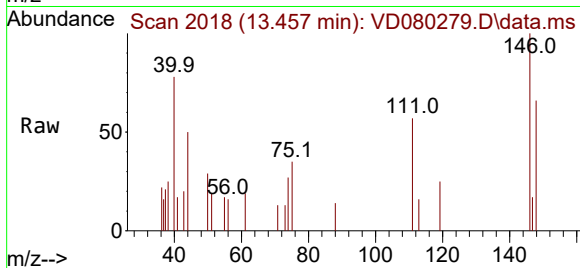
Tgt Ion:146 Resp: 2207

Ion Ratio Lower Upper

146 100

111 57.2 26.9 49.9#

148 66.2 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 0.40 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

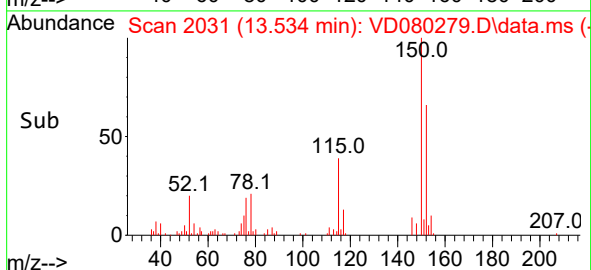
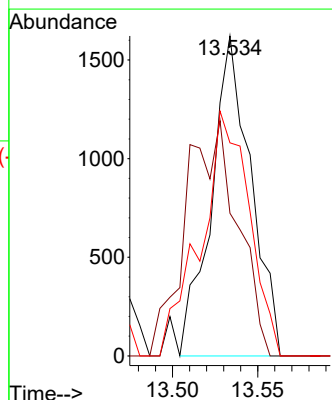
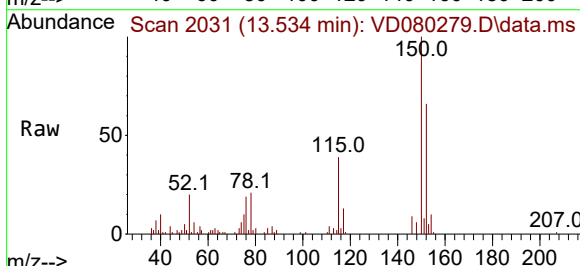
Tgt Ion:146 Resp: 2615

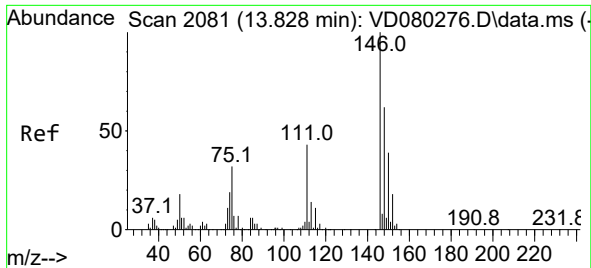
Ion Ratio Lower Upper

146 100

111 44.6 27.9 51.7

148 66.6 45.1 83.9

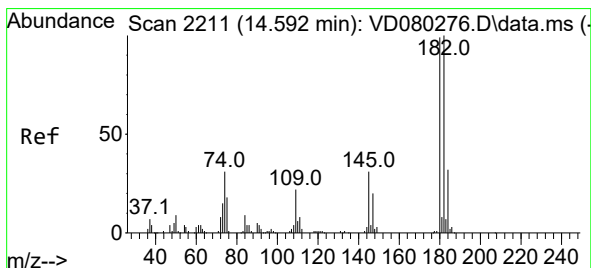
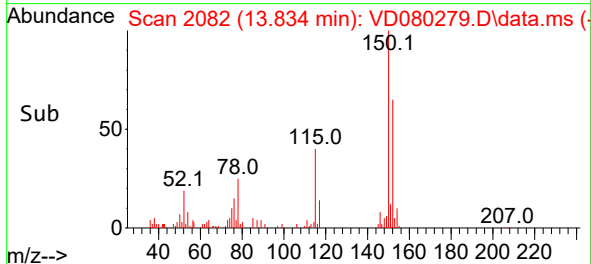
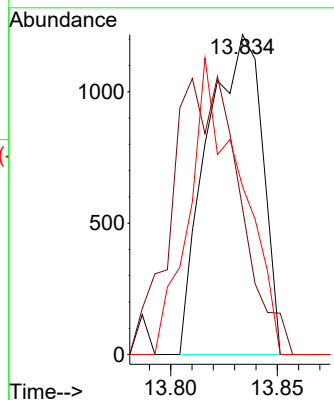
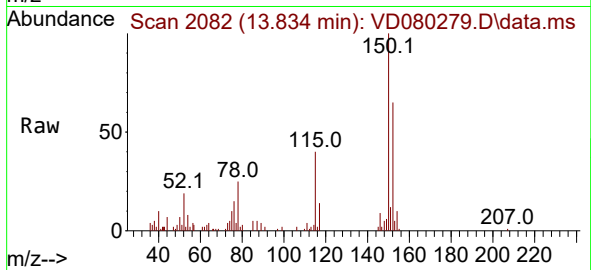




#67
1,2-Dichlorobenzene
Concen: 0.39 ug/L
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

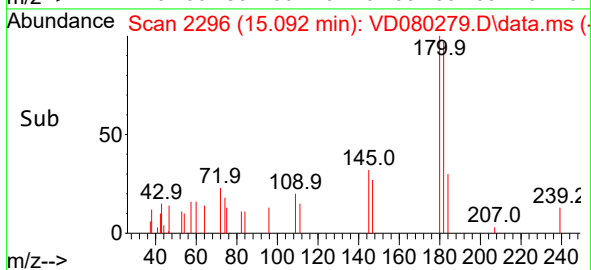
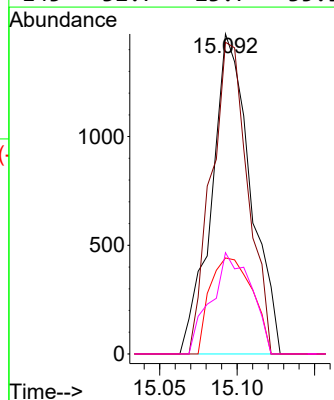
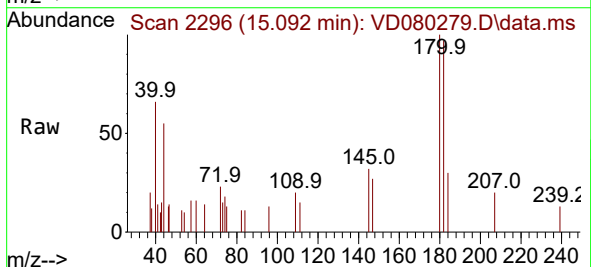
Instrument :
MSVOA_D
ClientSampleId :

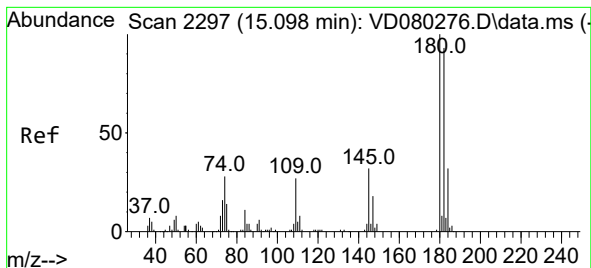
Tgt Ion:146 Resp: 2193
Ion Ratio Lower Upper
146 100
111 45.6 34.2 51.2
148 52.4 49.8 74.8



#69
1,3,5-Trichlorobenzene
Concen: 0.64 ug/L
RT: 15.092 min Scan# 2296
Delta R.T. 0.500 min
Lab File: VD080279.D
Acq: 18 Mar 2025 12:56

Tgt Ion:180 Resp: 2572
Ion Ratio Lower Upper
180 100
182 91.4 77.0 115.4
184 32.7 24.0 36.0
145 32.7 23.7 35.5





#70

1,2,4-trichlorobenzene

Concen: 0.77 ug/L

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

Instrument :

MSVOA_D

ClientSampleId :

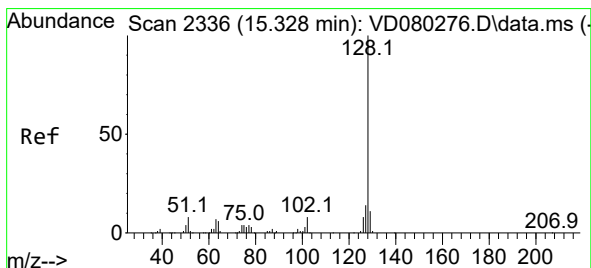
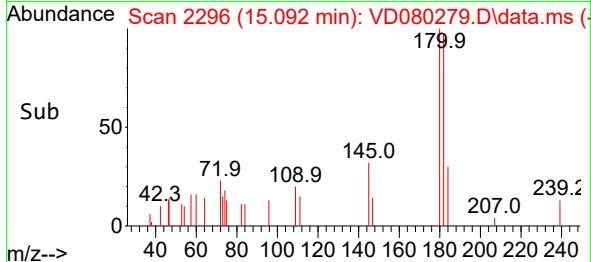
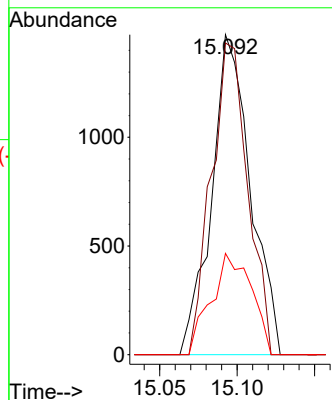
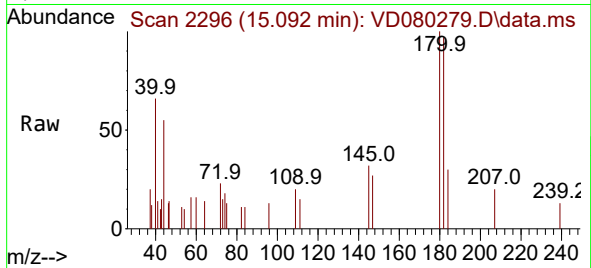
Tgt Ion:180 Resp: 2572

Ion Ratio Lower Upper

180 100

182 91.4 75.4 113.0

145 32.7 23.1 34.7



#71

Naphthalene

Concen: 0.91 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD080279.D

Acq: 18 Mar 2025 12:56

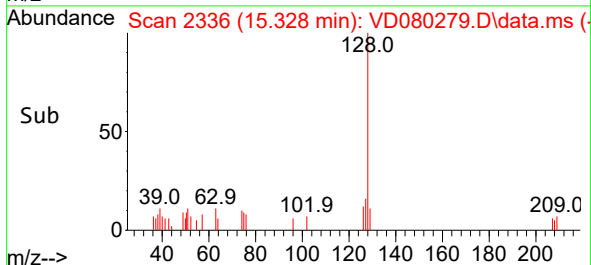
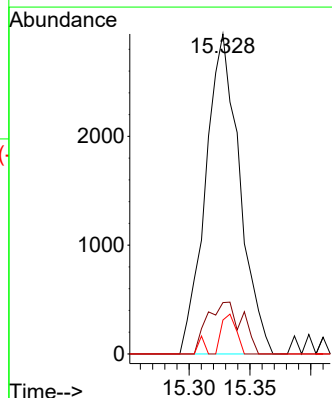
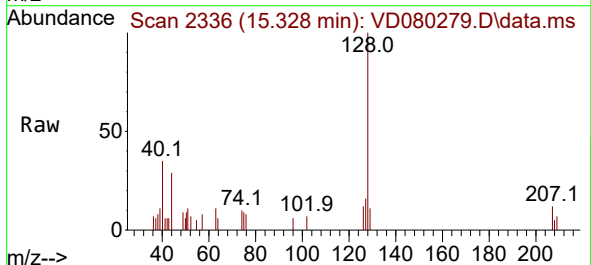
Tgt Ion:128 Resp: 5718

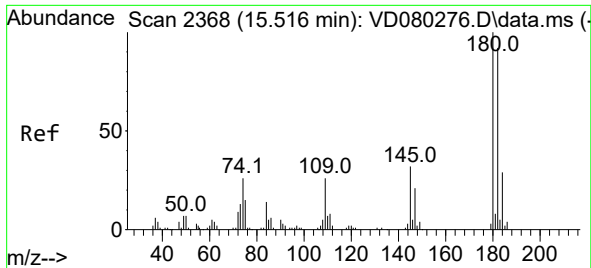
Ion Ratio Lower Upper

128 100

127 16.6 11.4 17.2

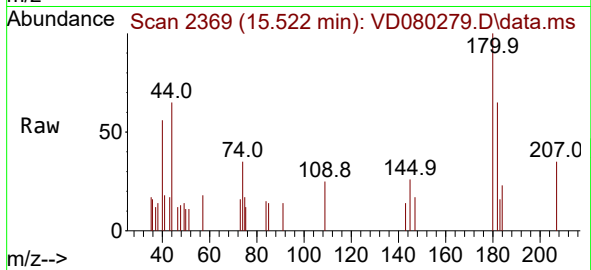
129 5.4 9.0 13.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.79 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080279.D
 Acq: 18 Mar 2025 12:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	2407
Ion Ratio	Lower	Upper	
180	100		
182	88.7	73.8	110.6
145	34.8	24.8	37.2

