

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080282.D
 Acq On : 18 Mar 2025 15:47
 Operator : RP/MD
 Sample : Q1546-03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 20 12:48:13 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	160719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	149636	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	68882	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	124261	23.48	ug/L	0.00
7) Chloroethane-d5	2.799	69	120366	25.52	ug/L	0.01
11) 1,1-Dichloroethene-d2	3.917	65	30506	27.28	ug/L	0.01
21) 2-Butanone-d5	6.987	46	27170	47.63	ug/L	0.00
24) Chloroform-d	7.563	84	120428	24.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	68840	25.42	ug/L	0.00
32) Benzene-d6	8.199	84	232991	26.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	92998	32.97	ug/L	0.00
41) Toluene-d8	10.269	98	251144	31.82	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	35442	30.52	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	25284	61.95	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	66048	26.35	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	79101	32.78	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	4286	1.43	ug/L	93
3) Chloromethane	2.152	50	6411	1.33	ug/L	84
5) Vinyl chloride	2.281	62	7401	1.18	ug/L #	68
6) Bromomethane	2.693	94	4327	1.32	ug/L	96
8) Chloroethane	2.828	64	4662	1.10	ug/L	84
9) Trichlorofluoromethane	3.169	101	6677	1.43	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	161	0.06	ug/L #	1
12) 1,1-Dichloroethene	3.917	96	929	0.39	ug/L #	1
13) Acetone	4.016	43	1215	2.03	ug/L	90
14) Carbon disulfide	4.264	76	11058	1.27	ug/L	96
15) Methyl Acetate	4.546	43	237	0.18	ug/L #	1
16) Methylene chloride	4.805	84	3421	1.09	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	1733	0.68	ug/L	79
18) Methyl tert-butyl Ether	5.316	73	4700	0.88	ug/L	97
19) 1,1-Dichloroethane	6.111	63	5975	1.18	ug/L	87
20) cis-1,2-Dichloroethene	7.069	96	3089	1.13	ug/L #	69
22) 2-Butanone	7.087	43	1924	2.49	ug/L #	91
23) Bromochloromethane	7.422	128	1483	1.13	ug/L #	71
25) Chloroform	7.593	83	16094	3.01	ug/L	100
27) 1,2-Dichloroethane	8.316	62	2748	0.82	ug/L #	88
29) Cyclohexane	7.869	56	3467	0.98	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	4309	1.10	ug/L #	91
31) Carbon tetrachloride	7.993	117	3658	1.06	ug/L	99
33) Benzene	8.252	78	11507	1.18	ug/L	100
34) Trichloroethene	9.034	95	3411	1.31	ug/L	90
35) Methylcyclohexane	9.275	83	4675	1.27	ug/L #	67
37) 1,2-Dichloropropane	9.304	63	3828	1.36	ug/L #	87
38) Bromodichloromethane	9.581	83	4232	1.18	ug/L #	62
39) cis-1,3-Dichloropropene	10.022	75	4922	1.20	ug/L	91
40) 4-Methyl-2-pentanone	10.151	43	3508	2.35	ug/L #	83
42) Toluene	10.328	91	14073	1.36	ug/L	94
44) trans-1,3-Dichloropropene	10.546	75	6131	1.80	ug/L	91

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 Response via : Initial Calibration

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

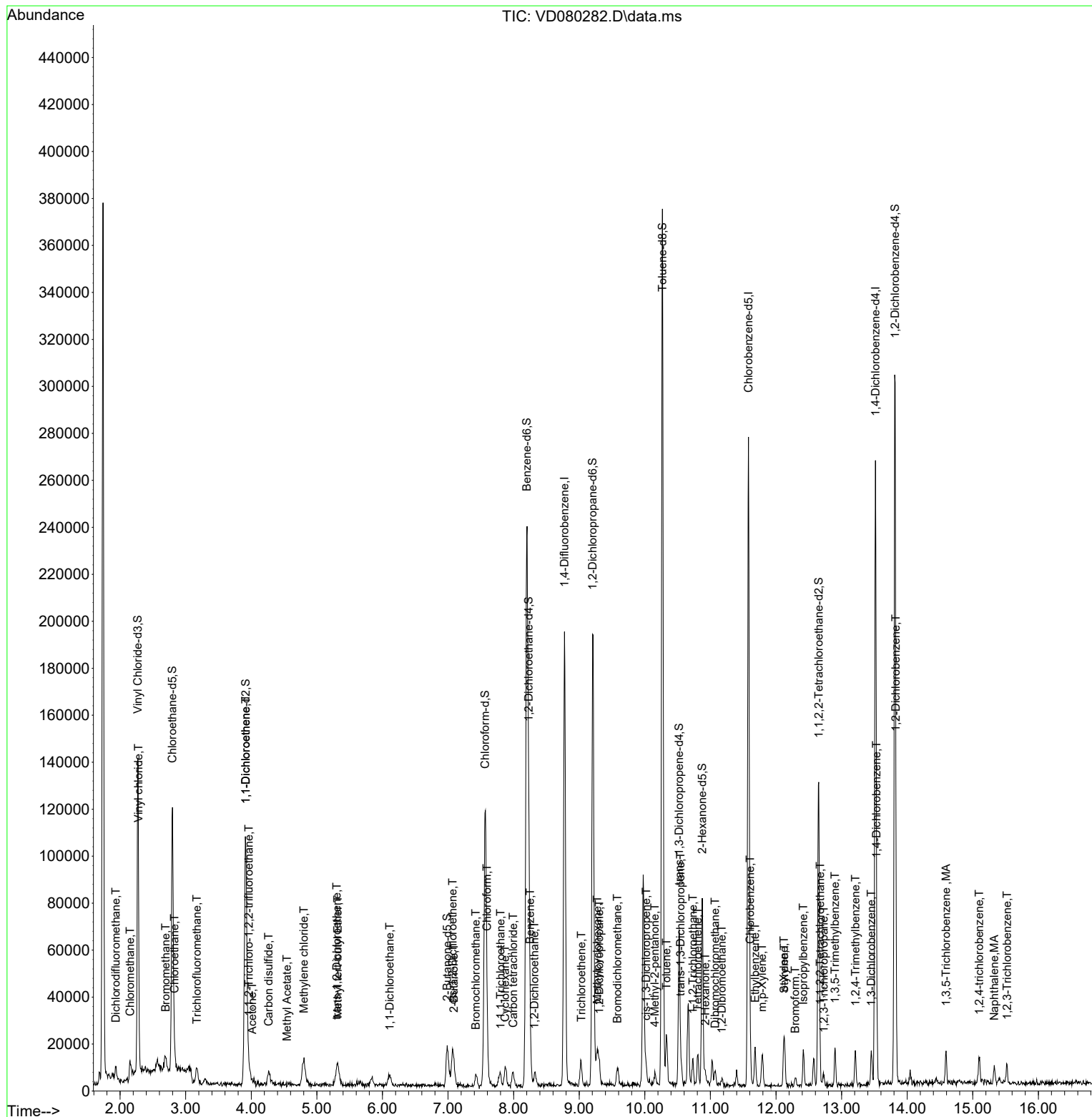
45) 1,1,2-Trichloroethane	10.734	97	2985	1.41	ug/L	93
46) Tetrachloroethene	10.804	164	2800	1.39	ug/L #	71
48) 2-Hexanone	10.922	43	3022	2.85	ug/L #	91
49) Dibromochloromethane	11.069	129	2709	1.13	ug/L	85
50) 1,2-Dibromoethane	11.175	107	2385	1.27	ug/L #	96
51) Chlorobenzene	11.604	112	8160	1.19	ug/L	98
52) Ethylbenzene	11.681	91	10015	0.89	ug/L	93
53) m,p-Xylene	11.787	106	3997	0.96	ug/L	79
54) o-Xylene	12.122	106	3895	0.98	ug/L	65
55) Styrene	12.128	104	6121	0.85	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	3275	1.28	ug/L #	89
59) Bromoform	12.293	173	1109	0.87	ug/L #	87
60) Isopropylbenzene	12.416	105	8979	0.97	ug/L #	82
61) 1,2,3-Trichloropropane	12.728	75	2103	1.38	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	7623	1.04	ug/L	93
63) 1,2,4-Trimethylbenzene	13.210	105	7203	0.97	ug/L	98
64) 1,3-Dichlorobenzene	13.451	146	5642	1.22	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	6185	1.24	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	6420	1.50	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	4008	1.32	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	3440	1.35	ug/L	93
71) Naphthalene	15.328	128	5929	1.24	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	3068	1.34	ug/L	98

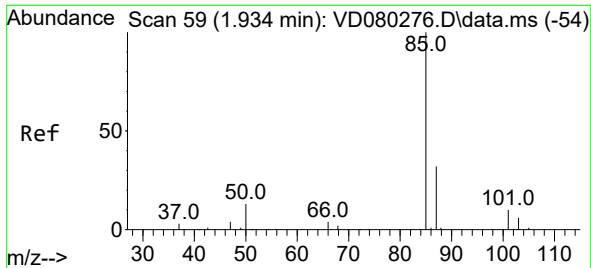
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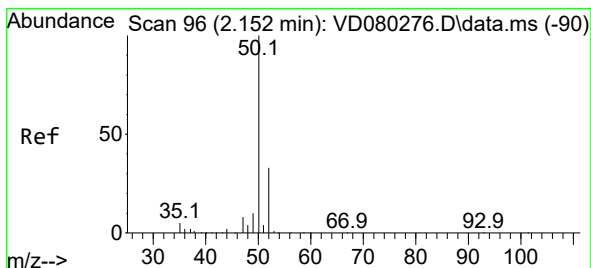
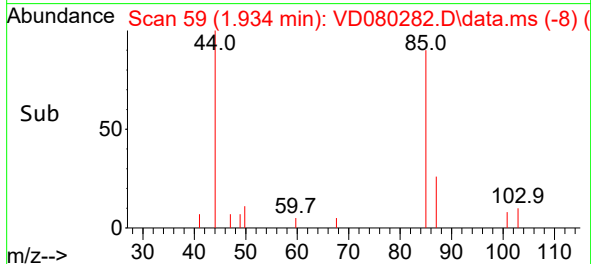
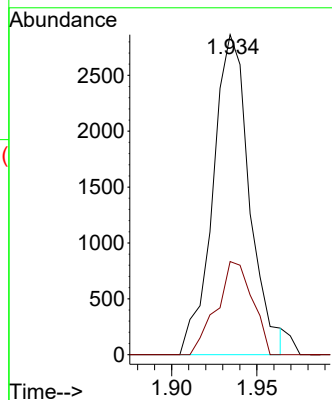
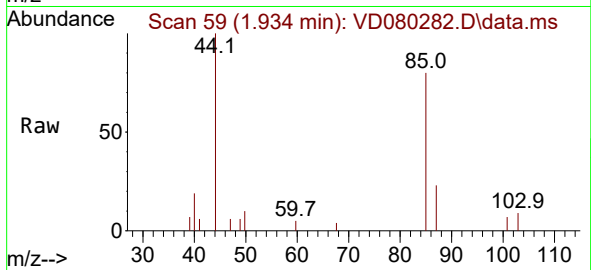




#2
 Dichlorodifluoromethane
 Concen: 1.43 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

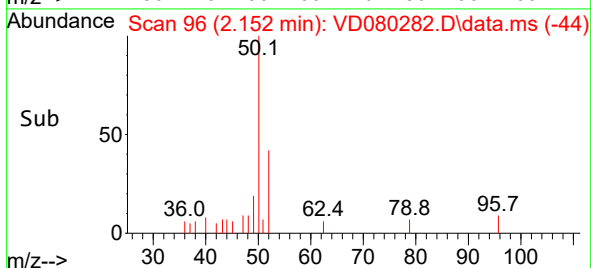
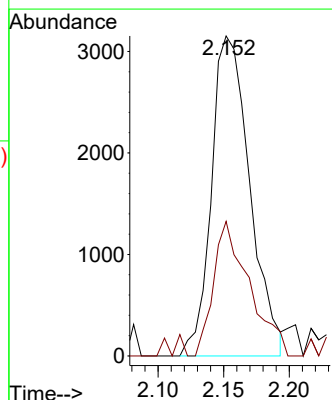
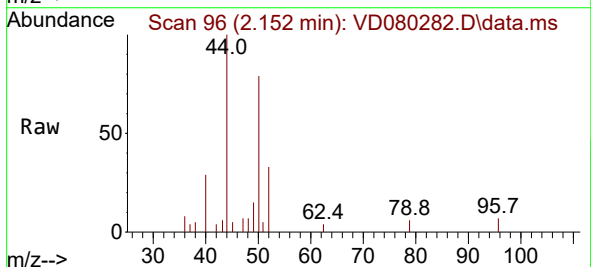
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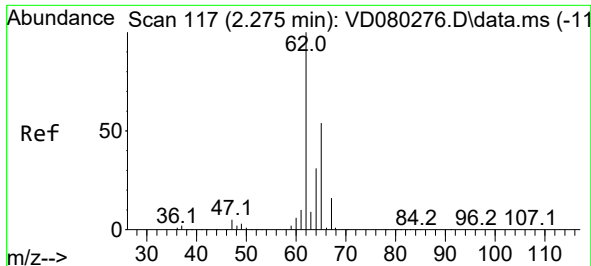
Tgt Ion: 85 Resp: 4286
 Ion Ratio Lower Upper
 85 100
 87 28.3 25.6 38.4



#3
 Chloromethane
 Concen: 1.33 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 50 Resp: 6411
 Ion Ratio Lower Upper
 50 100
 52 42.1 23.1 42.9

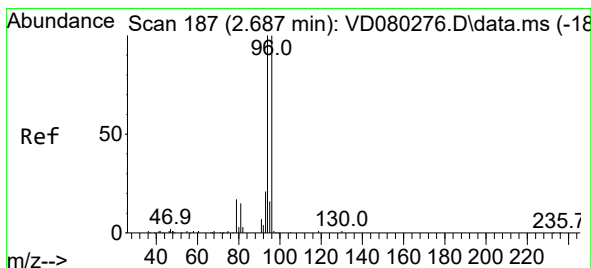
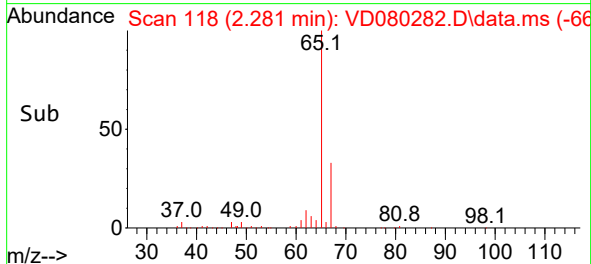
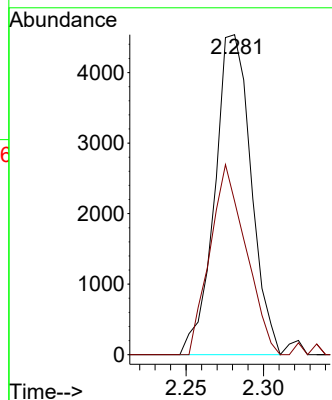
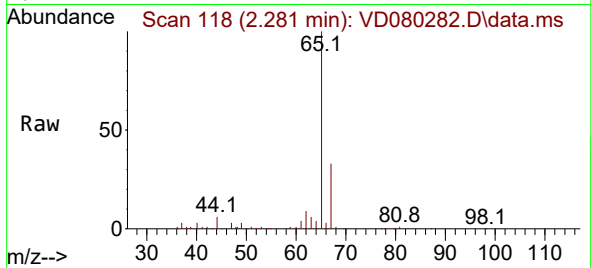




#5
 Vinyl chloride
 Concen: 1.18 ug/L
 RT: 2.281 min Scan# 117
 Delta R.T. 0.006 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

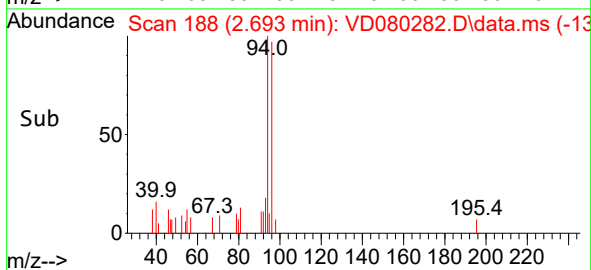
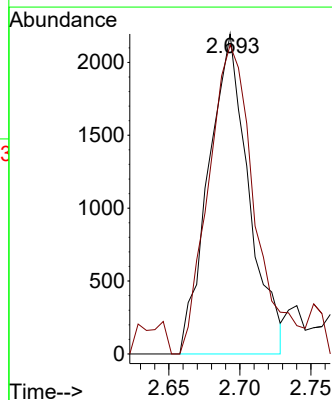
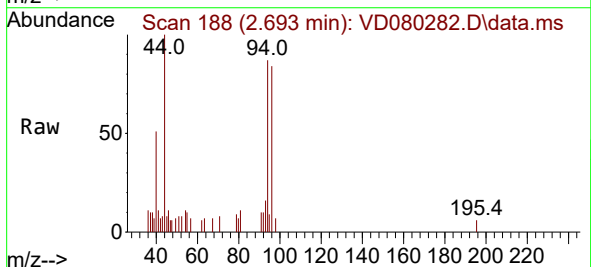
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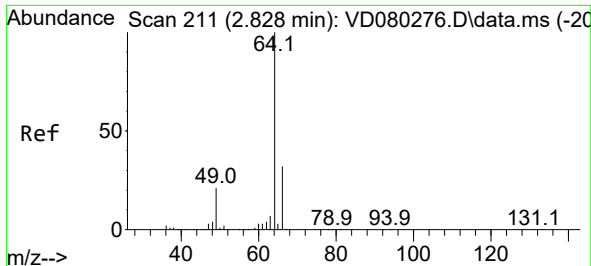
Tgt Ion: 62 Resp: 7401
 Ion Ratio Lower Upper
 62 100
 64 47.9 21.3 39.6#



#6
 Bromomethane
 Concen: 1.32 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.018 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 94 Resp: 4327
 Ion Ratio Lower Upper
 94 100
 96 96.5 70.3 130.5

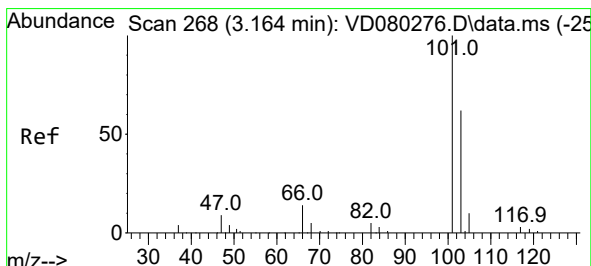
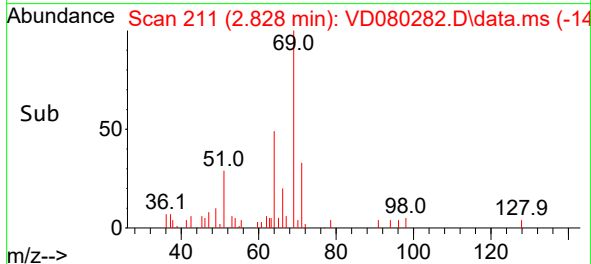
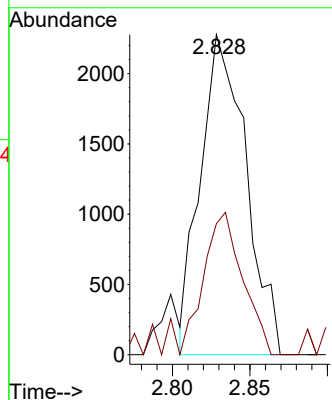
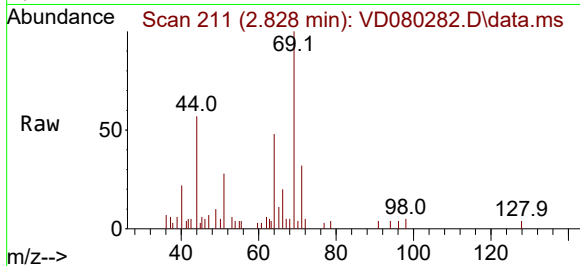




#8
Chloroethane
Concen: 1.10 ug/L
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

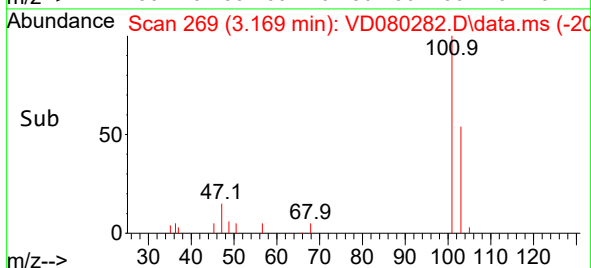
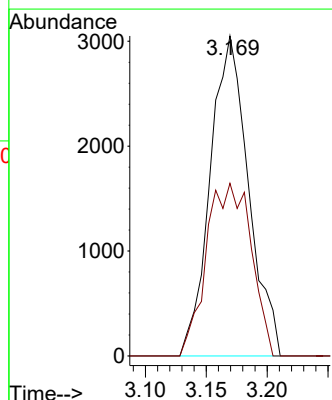
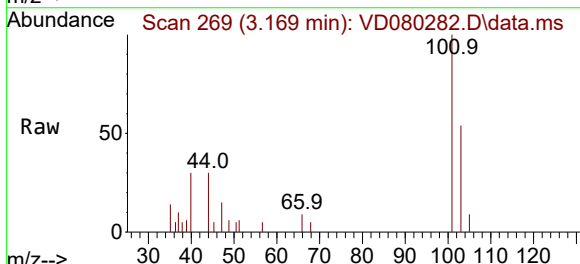
Instrument :
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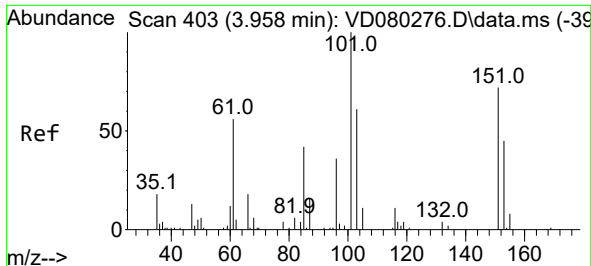
Tgt Ion: 64 Resp: 4662
Ion Ratio Lower Upper
64 100
66 40.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 1.43 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:101 Resp: 6677
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

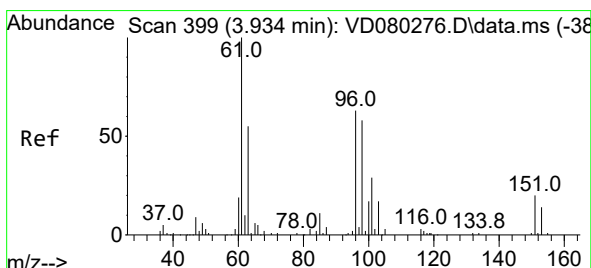
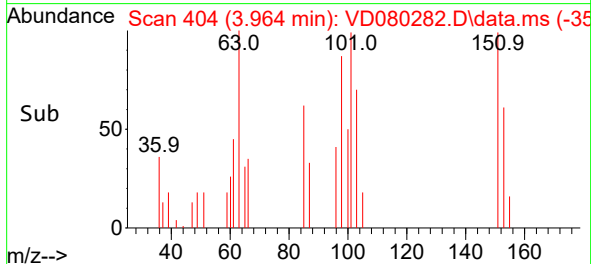
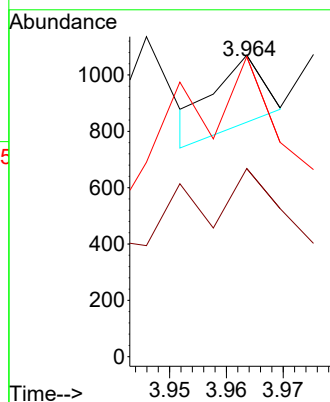
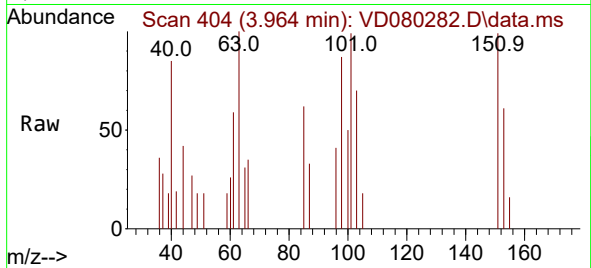




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 3.964 min Scan# 403
 Delta R.T. 0.012 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

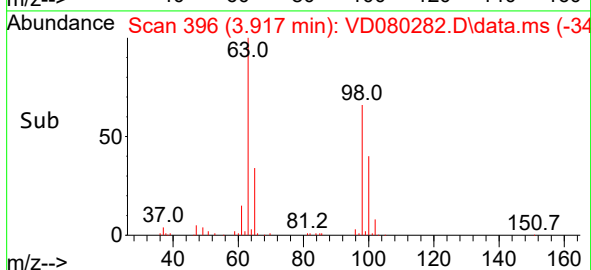
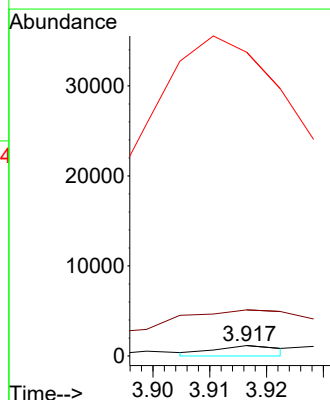
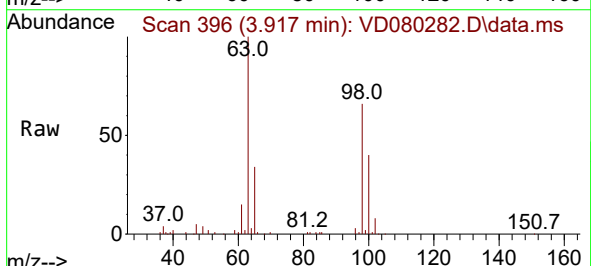
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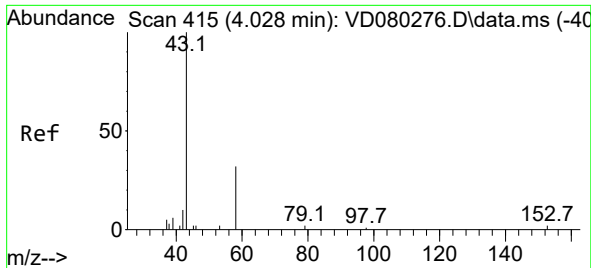
Tgt Ion:101 Resp: 161
 Ion Ratio Lower Upper
 101 100
 85 882.6 35.7 53.5#
 151 1416.1 55.6 83.4#



#12
 1,1-Dichloroethene
 Concen: 0.39 ug/L
 RT: 3.917 min Scan# 396
 Delta R.T. -0.012 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 96 Resp: 929
 Ion Ratio Lower Upper
 96 100
 61 444.9 112.5 208.9#
 63 2934.3 71.3 132.5#

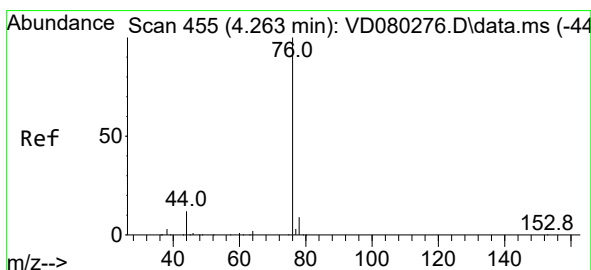
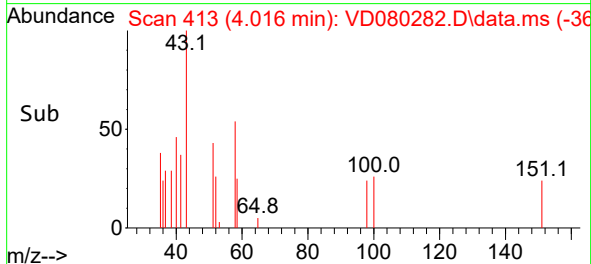
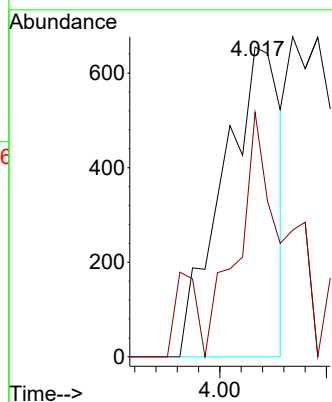
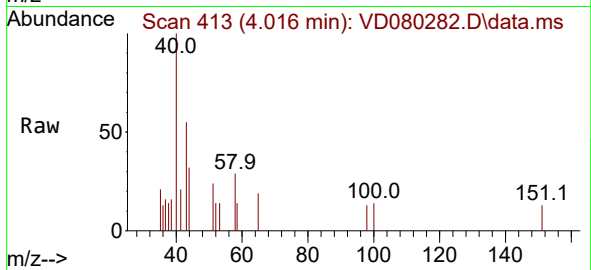




#13
Acetone
Concen: 2.03 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

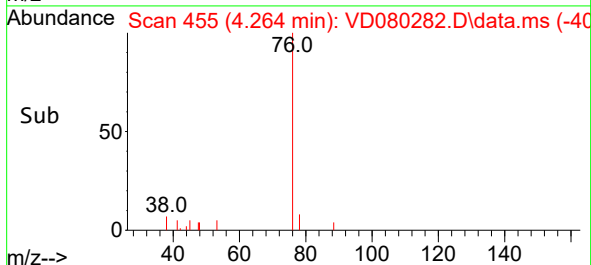
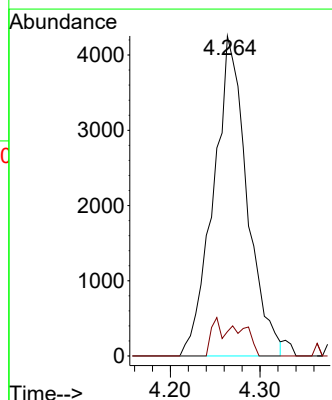
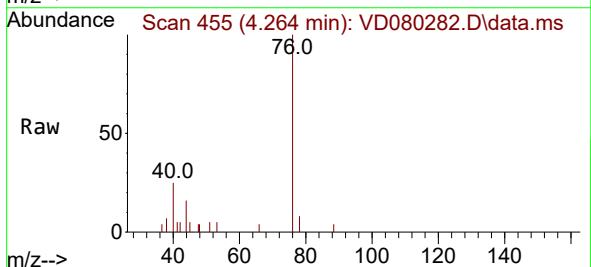
Instrument :
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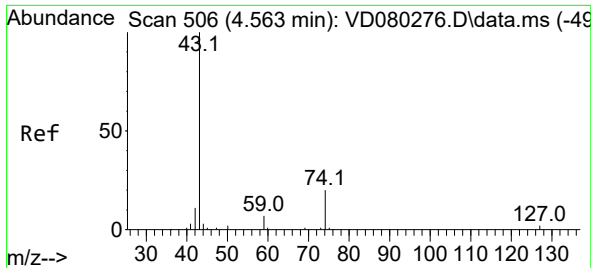
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 37.7 0.0 63.8



#14
Carbon disulfide
Concen: 1.27 ug/L
RT: 4.264 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 76 Resp: 11058
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

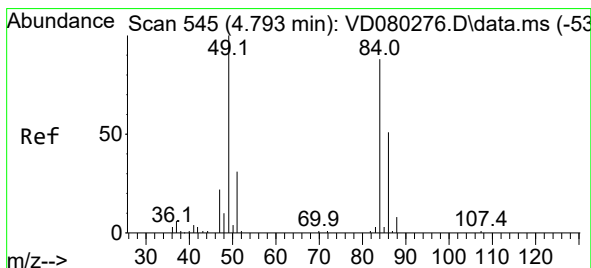
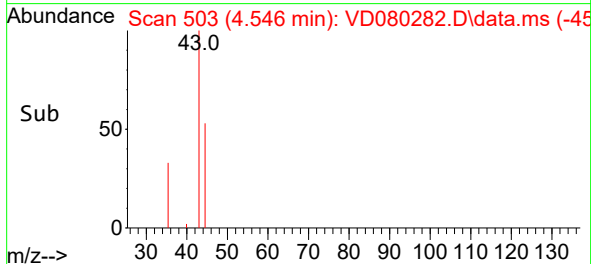
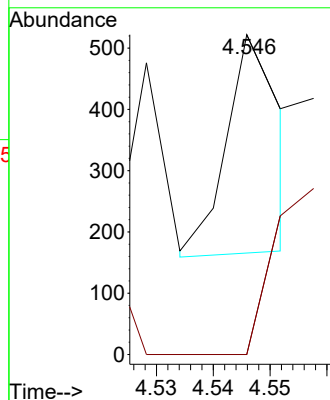
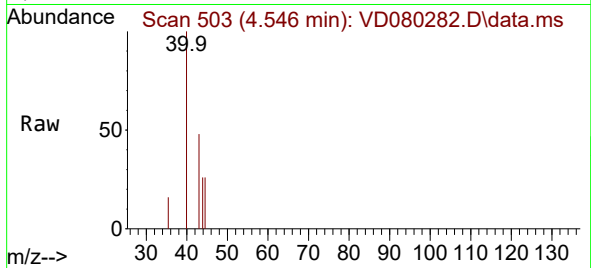




#15
Methyl Acetate
Concen: 0.18 ug/L
RT: 4.546 min Scan# 506
Delta R.T. -0.018 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

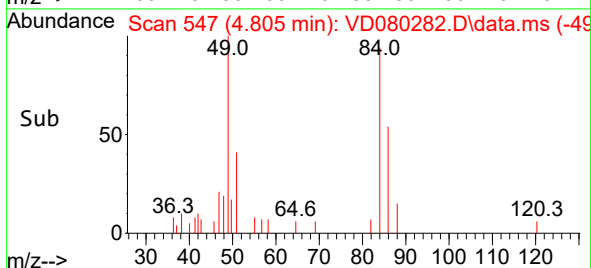
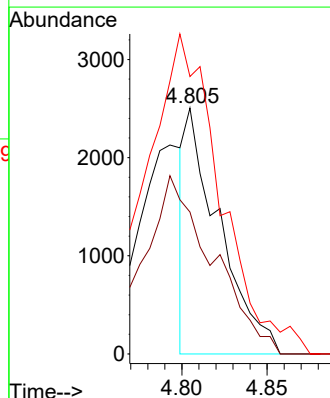
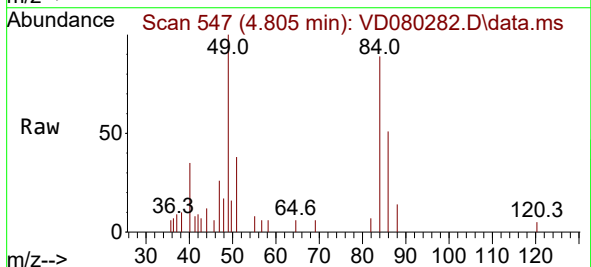
Instrument :
MSVOA_D
ClientSampleId :

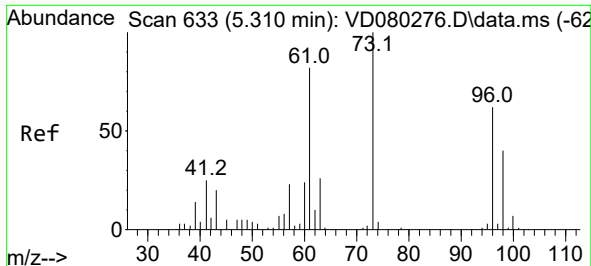
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
74 135.9 17.2 25.8#



#16
Methylene chloride
Concen: 1.09 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 84 Resp: 3421
Ion Ratio Lower Upper
84 100
86 57.7 40.9 75.9
49 130.7 79.7 147.9





#17

trans-1,2-Dichloroethene

Concen: 0.68 ug/L

RT: 5.305 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_D

ClientSampleId :

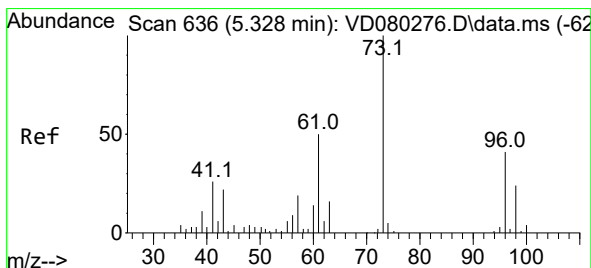
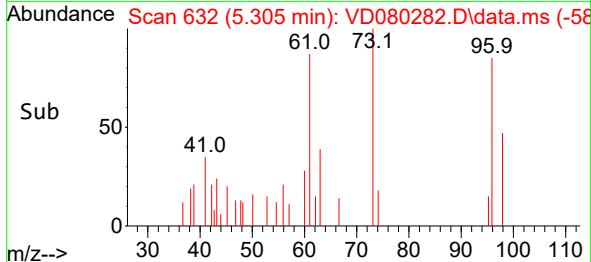
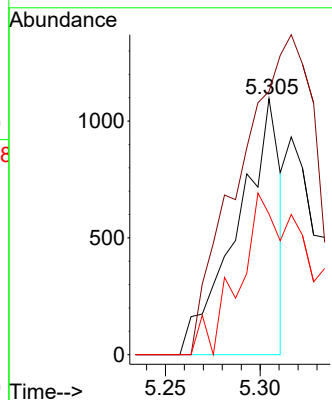
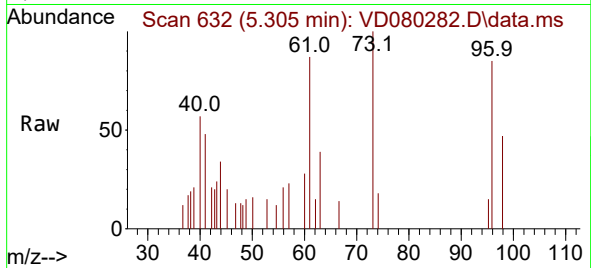
Tgt Ion: 96 Resp: 1733

Ion Ratio Lower Upper

96 100

61 102.8 92.4 171.6

98 54.9 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 0.88 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

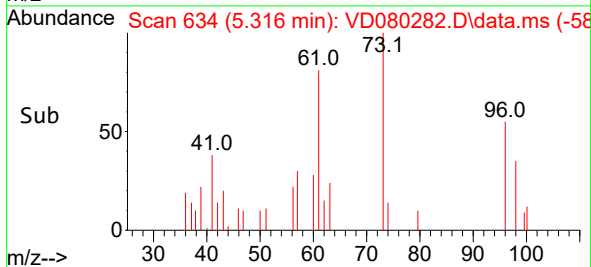
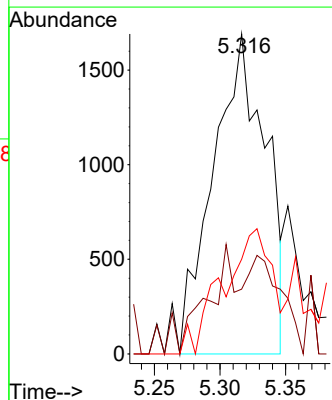
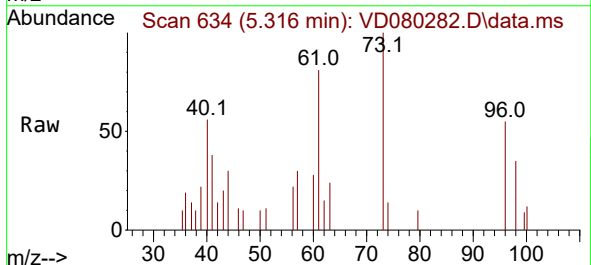
Tgt Ion: 73 Resp: 4700

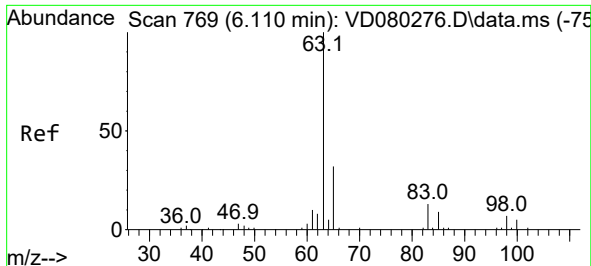
Ion Ratio Lower Upper

73 100

43 22.0 17.2 25.8

57 25.6 18.8 28.2





#19

1,1-Dichloroethane

Concen: 1.18 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_D

ClientSampleId :

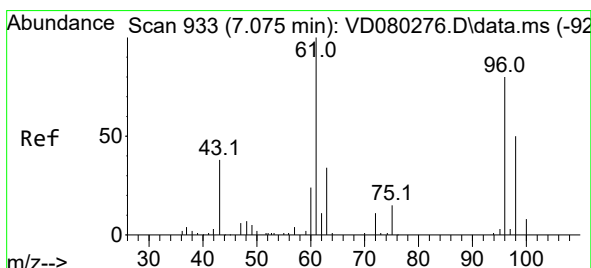
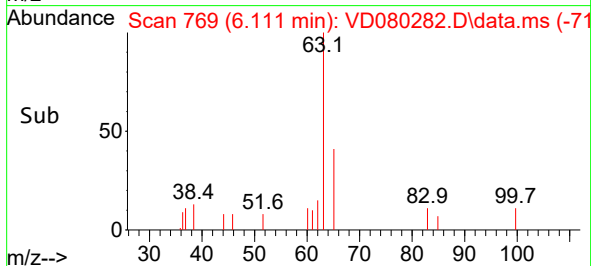
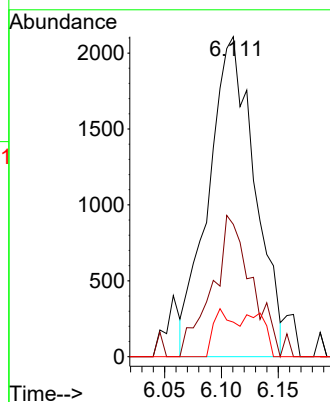
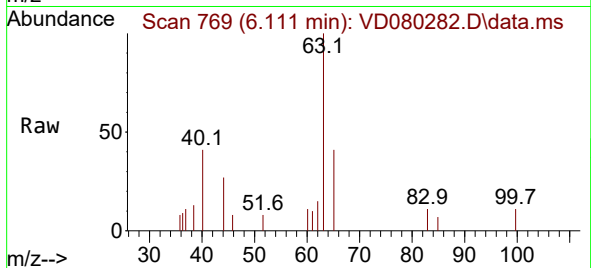
Tgt Ion: 63 Resp: 5975

Ion Ratio Lower Upper

63 100

65 41.4 22.4 41.6

83 10.8 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 1.13 ug/L

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

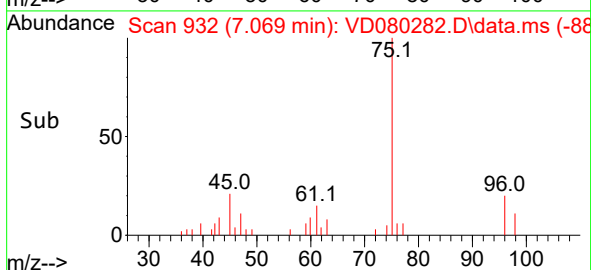
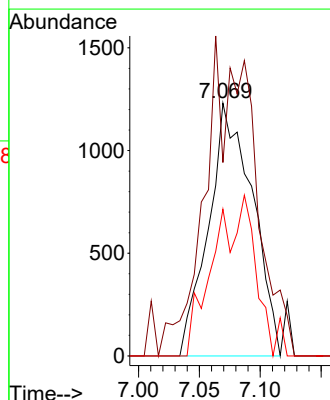
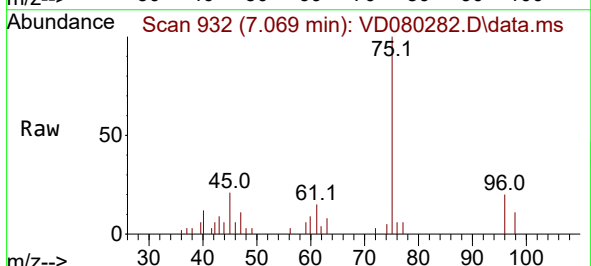
Tgt Ion: 96 Resp: 3089

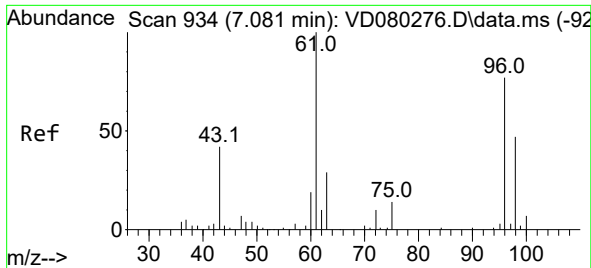
Ion Ratio Lower Upper

96 100

61 76.5 87.8 163.0#

98 58.0 43.7 81.1

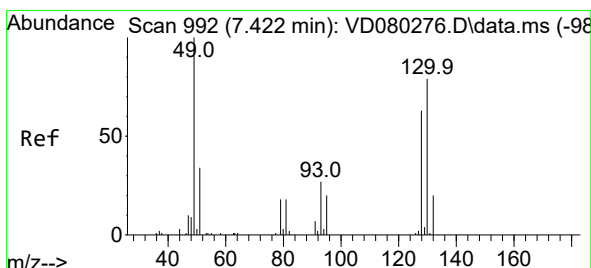
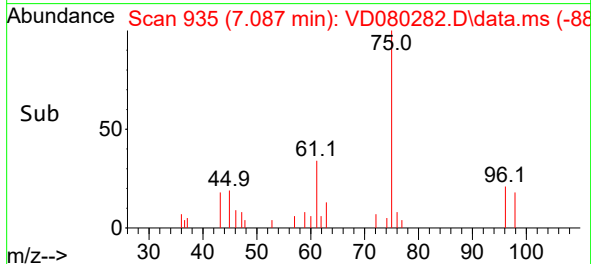
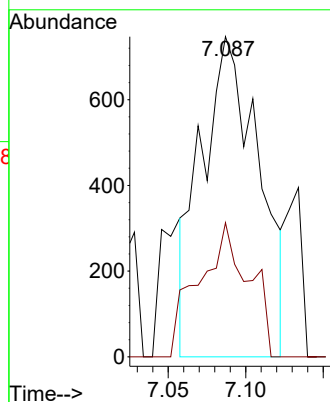
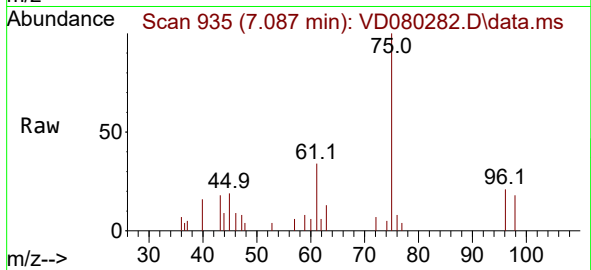




#22
2-Butanone
Concen: 2.49 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

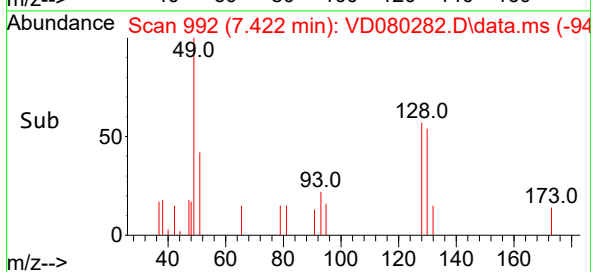
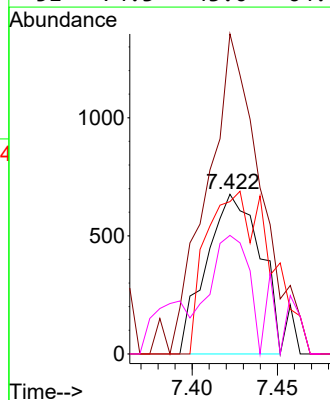
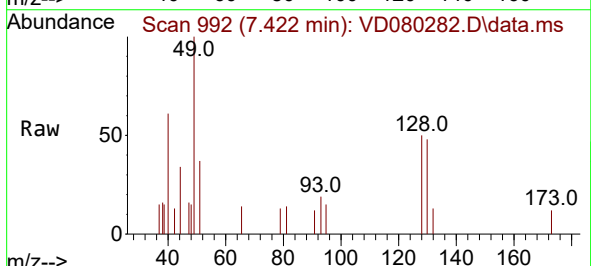
Instrument :
MSVOA_D
ClientSampleId :

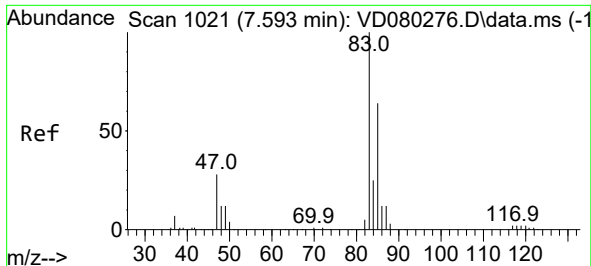
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
72 11.3 0.1 0.3#



#23
Bromochloromethane
Concen: 1.13 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:128 Resp: 1483
Ion Ratio Lower Upper
128 100
49 200.4 112.6 209.0
130 95.4 89.7 166.5
51 74.3 43.0 64.6#





#25

Chloroform

Concen: 3.01 ug/L

RT: 7.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_D

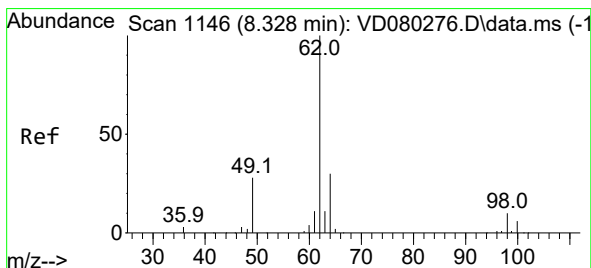
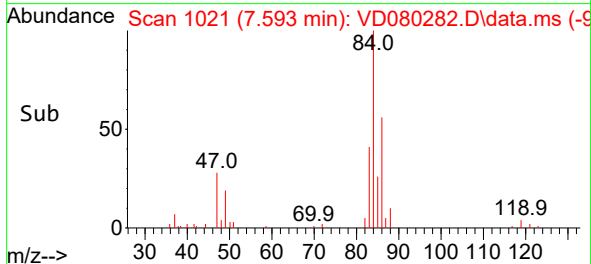
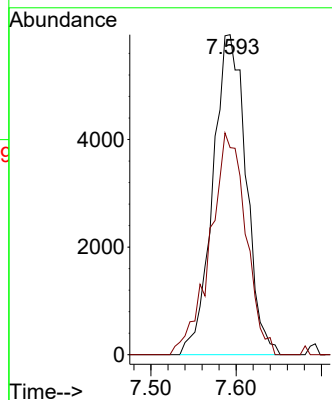
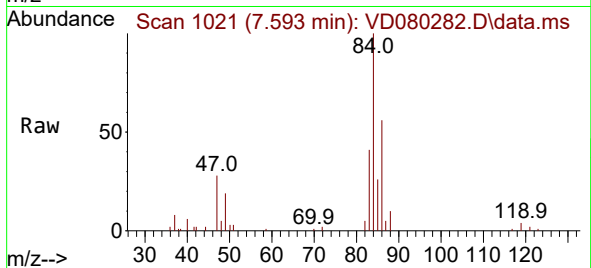
ClientSampleId :

Tgt Ion: 83 Resp: 16094

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.82 ug/L

RT: 8.316 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VD080282.D

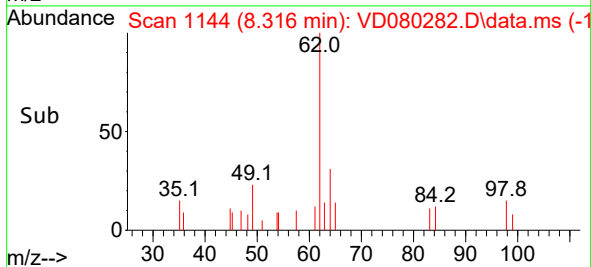
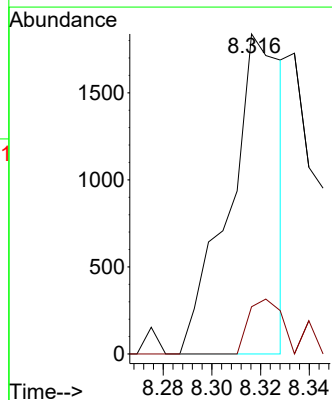
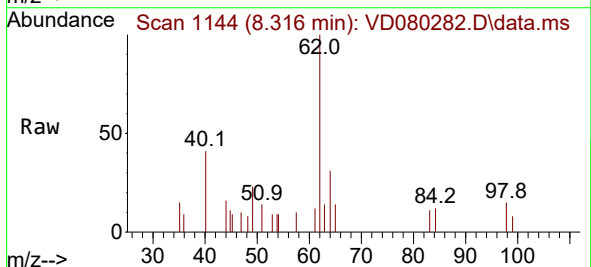
Acq: 18 Mar 2025 15:47

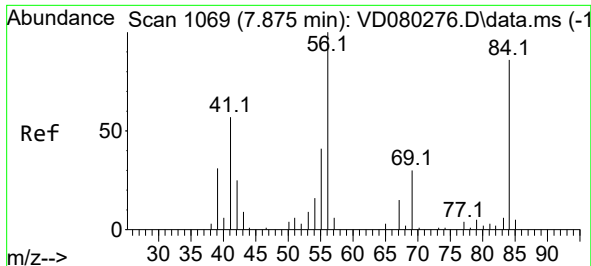
Tgt Ion: 62 Resp: 2748

Ion Ratio Lower Upper

62 100

98 14.7 8.2 12.2#





#29

Cyclohexane

Concen: 0.98 ug/L

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

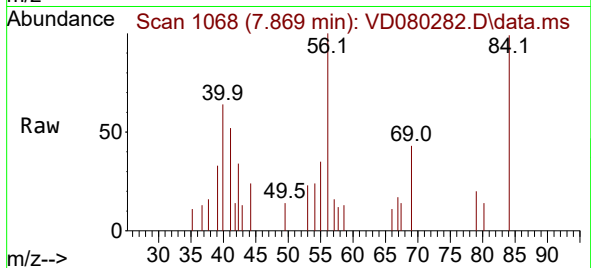
Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_D

ClientSampleId :



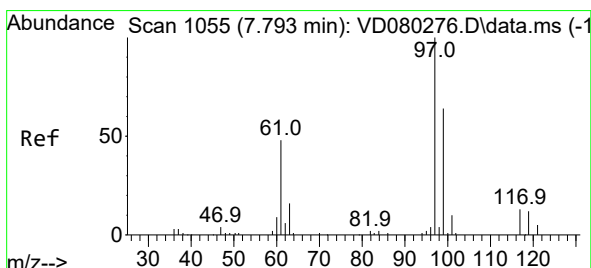
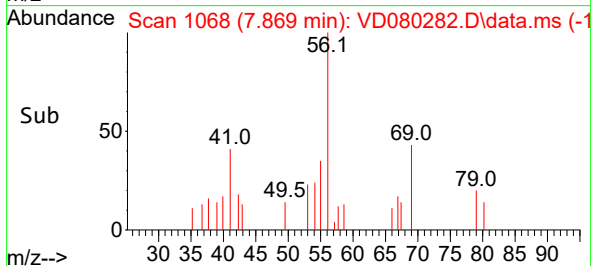
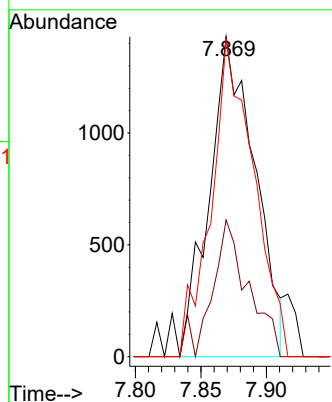
Tgt Ion: 56 Resp: 3467

Ion Ratio Lower Upper

56 100

69 28.2 24.6 37.0

84 92.8 71.4 107.2



#30

1,1,1-Trichloroethane

Concen: 1.10 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

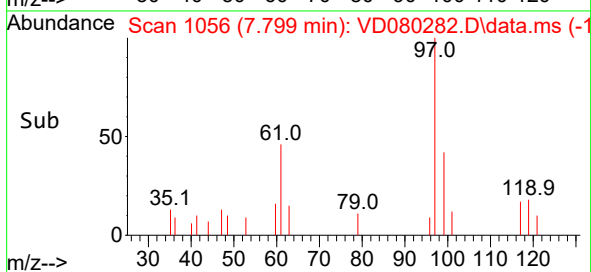
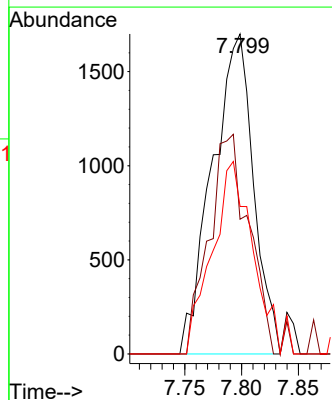
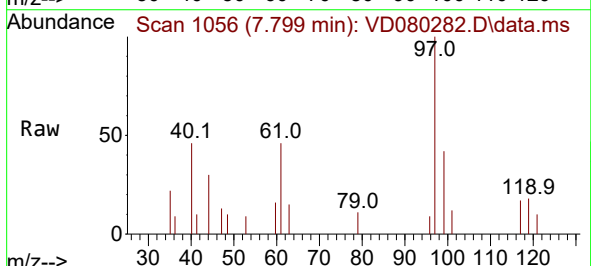
Tgt Ion: 97 Resp: 4309

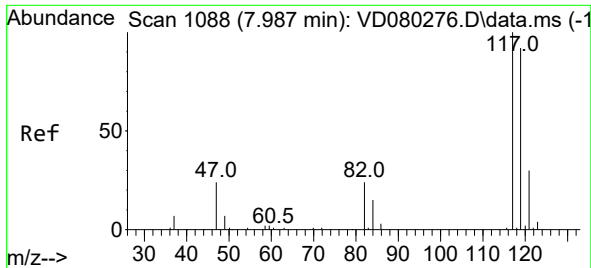
Ion Ratio Lower Upper

97 100

99 66.0 51.9 77.9

61 58.5 36.7 55.1#

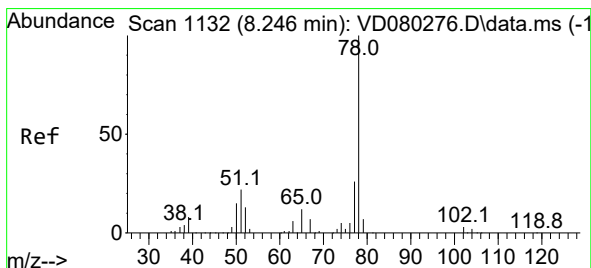
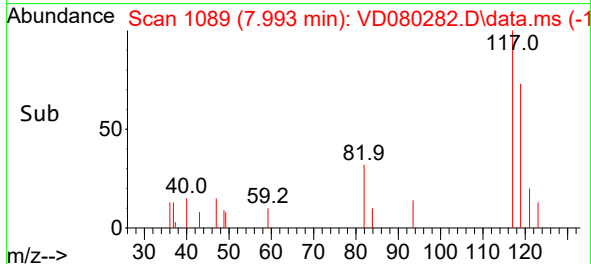
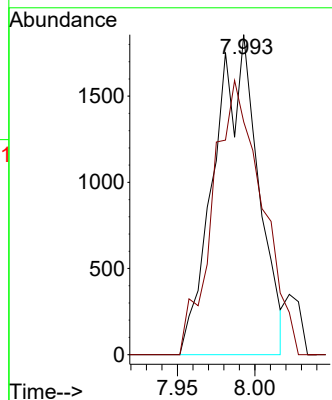
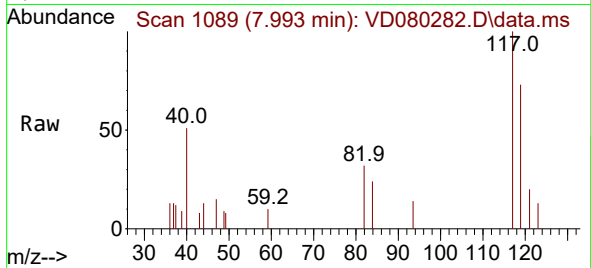




#31
Carbon tetrachloride
Concen: 1.06 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

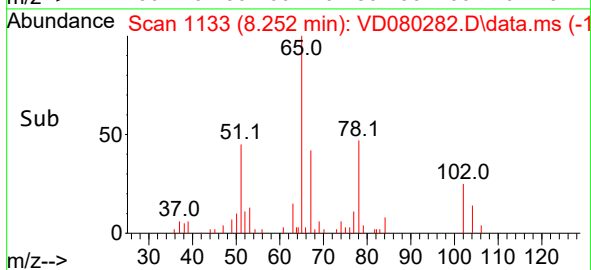
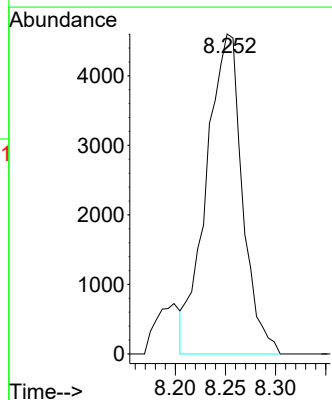
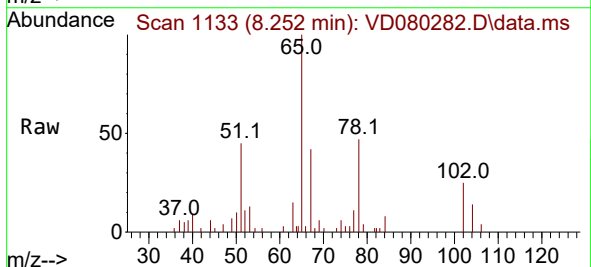
Instrument :
MSVOA_D
ClientSampleId :

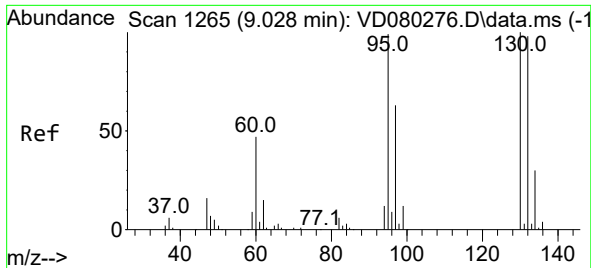
Tgt Ion:117 Resp: 3658
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0



#33
Benzene
Concen: 1.18 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 78 Resp: 11507



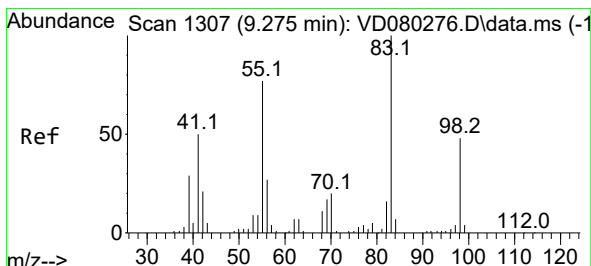
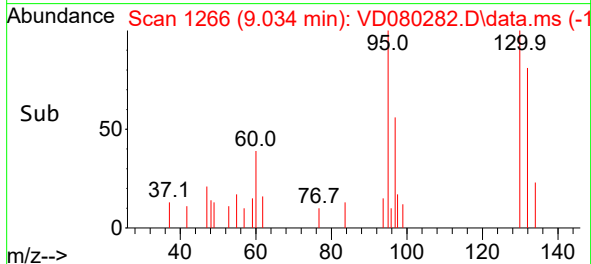
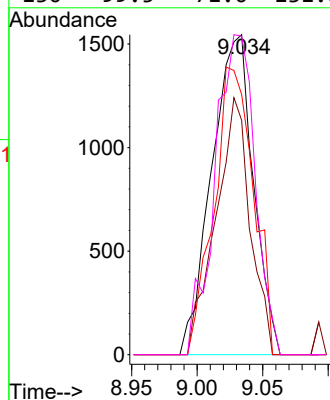
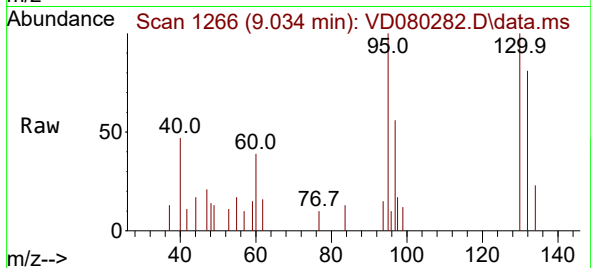


#34
Trichloroethene
Concen: 1.31 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 3411

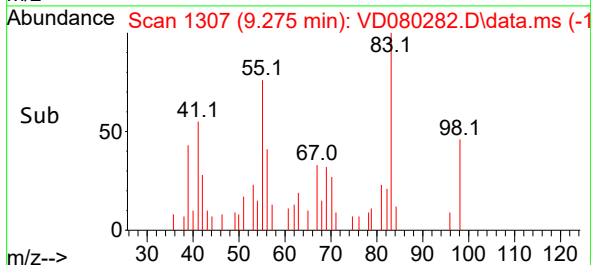
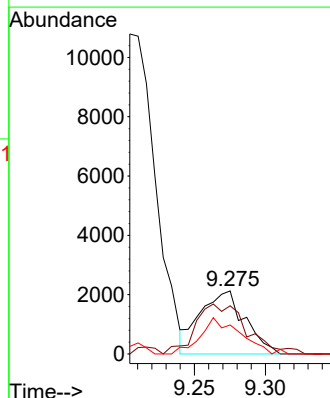
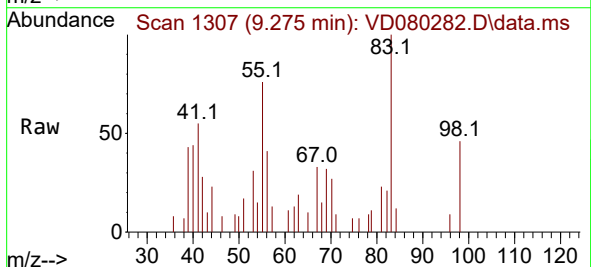
Ion	Ratio	Lower	Upper
95	100		
97	73.3	45.1	83.7
132	81.3	69.5	129.1
130	99.5	71.0	131.8

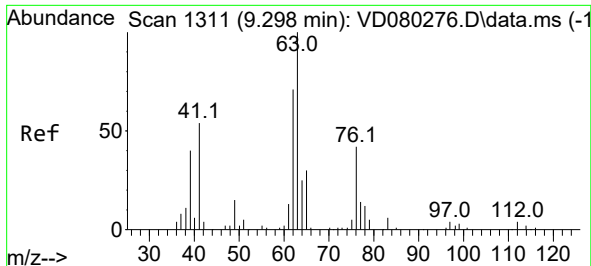


#35
Methylcyclohexane
Concen: 1.27 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 83 Resp: 4675

Ion	Ratio	Lower	Upper
83	100		
55	35.6	65.0	97.6#
98	49.9	39.0	58.6

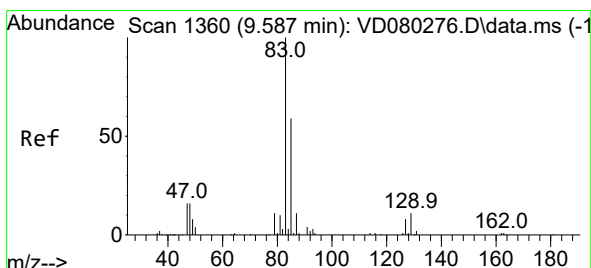
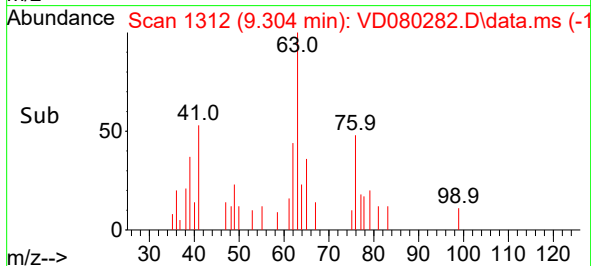
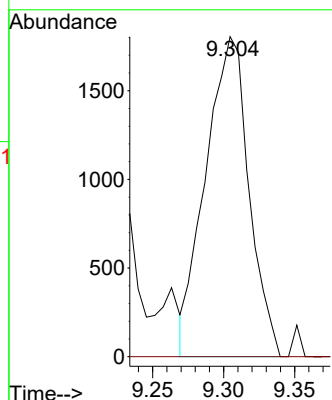
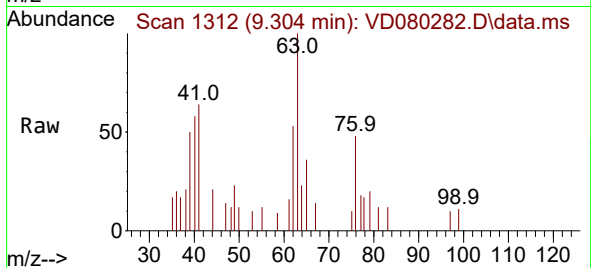




#37
1,2-Dichloropropane
Concen: 1.36 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

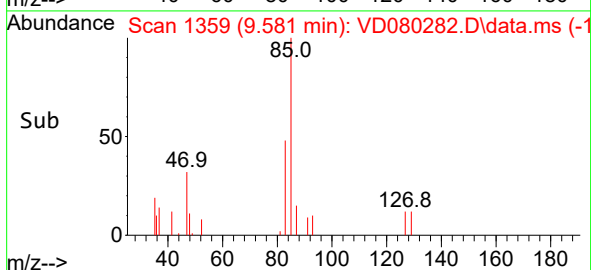
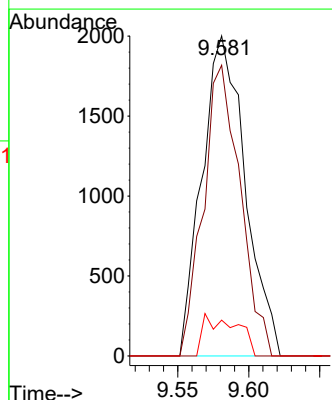
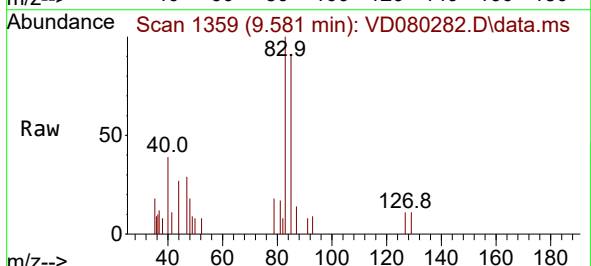
Instrument :
MSVOA_D
ClientSampleId :

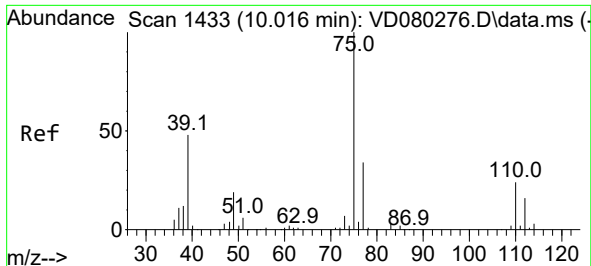
Tgt Ion: 63 Resp: 3828
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#38
Bromodichloromethane
Concen: 1.18 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 83 Resp: 4232
Ion Ratio Lower Upper
83 100
85 90.9 41.4 77.0#
127 11.2 6.6 10.0#

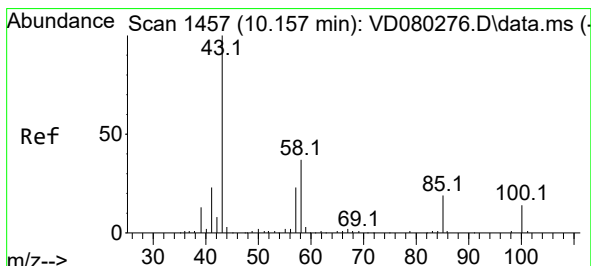
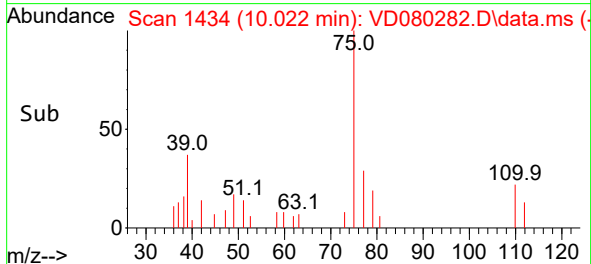
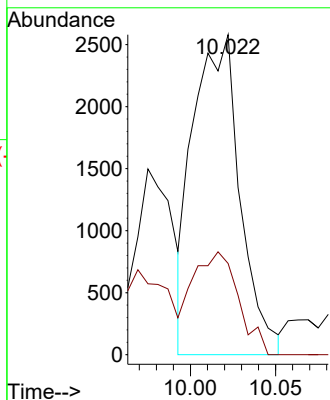
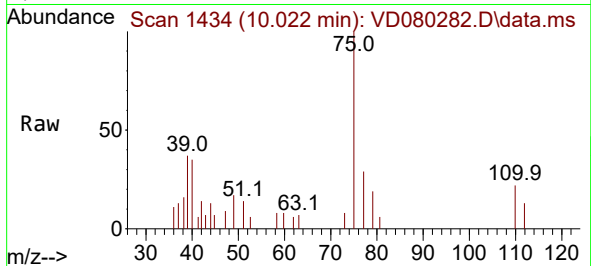




#39
 cis-1,3-Dichloropropene
 Concen: 1.20 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

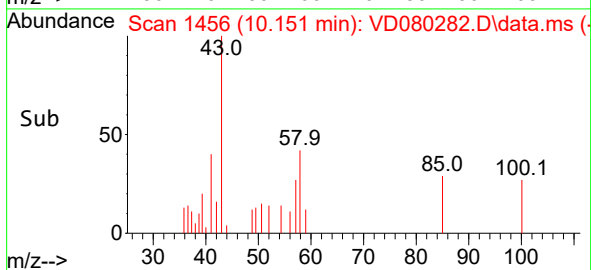
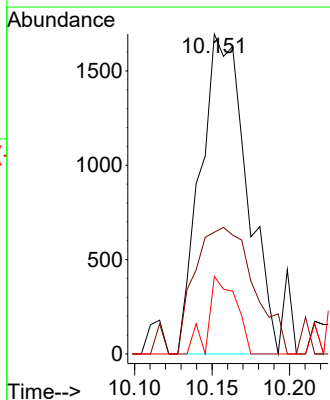
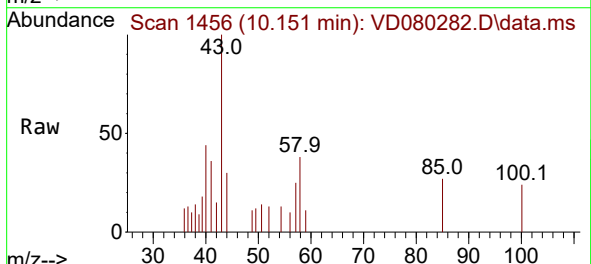
Instrument :
 MSVOA_D
 ClientSampleId :

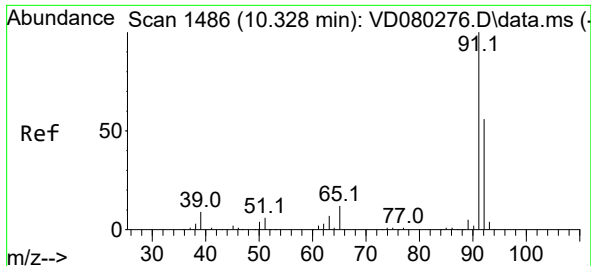
Tgt Ion: 75 Resp: 4922
 Ion Ratio Lower Upper
 75 100
 77 28.5 23.7 43.9



#40
 4-Methyl-2-pentanone
 Concen: 2.35 ug/L
 RT: 10.151 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 43 Resp: 3508
 Ion Ratio Lower Upper
 43 100
 58 50.5 29.9 44.9#
 100 13.0 11.3 16.9

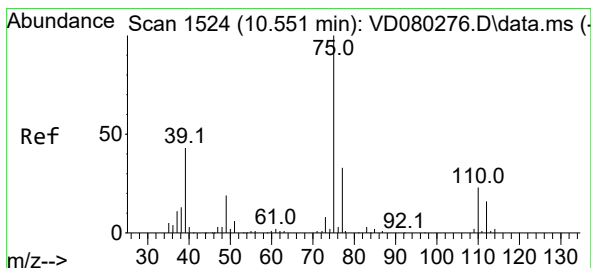
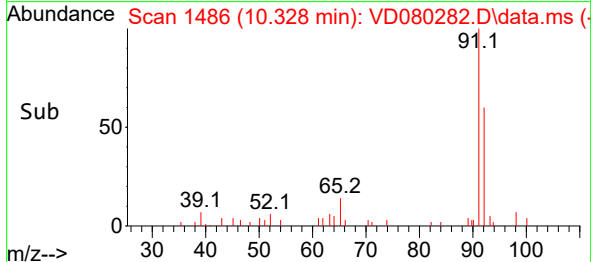
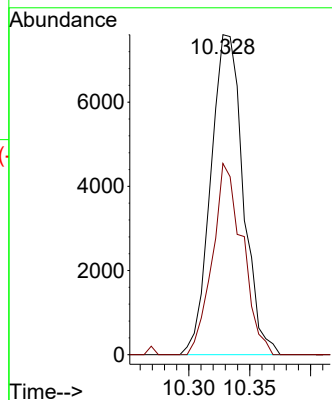
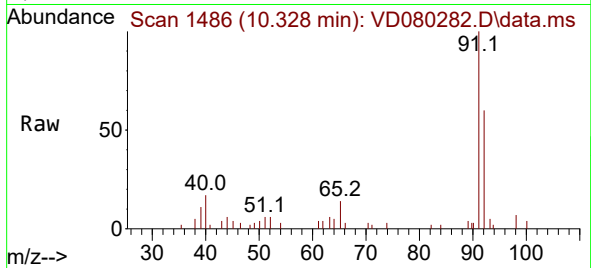




#42
Toluene
Concen: 1.36 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

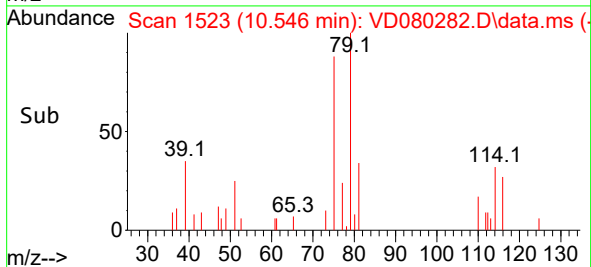
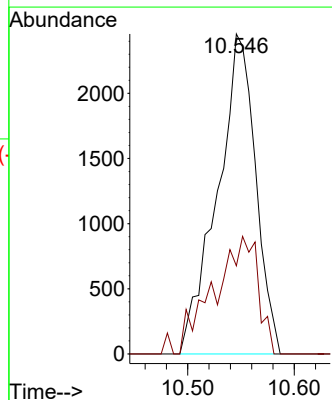
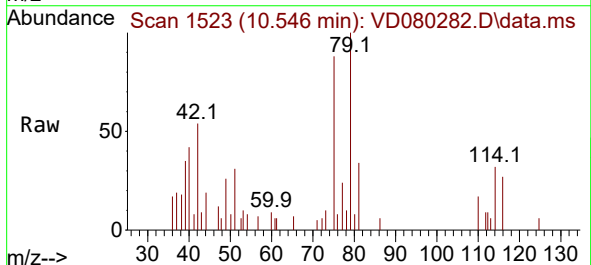
Instrument :
MSVOA_D
ClientSampleId :

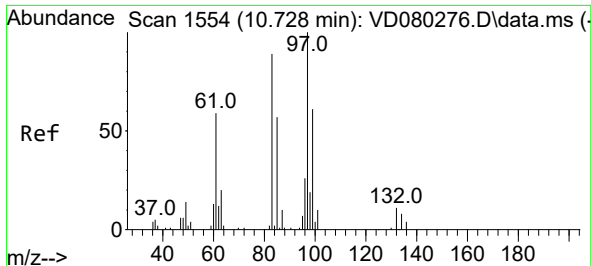
Tgt Ion: 91 Resp: 14073
Ion Ratio Lower Upper
91 100
92 59.7 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 1.80 ug/L
RT: 10.546 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 75 Resp: 6131
Ion Ratio Lower Upper
75 100
77 27.5 22.9 42.5

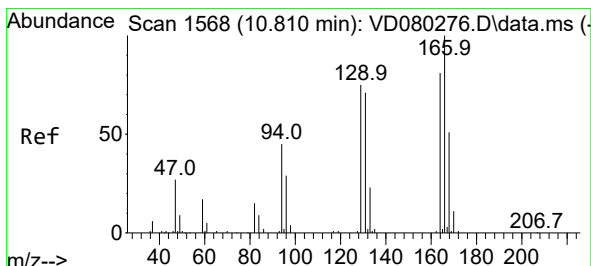
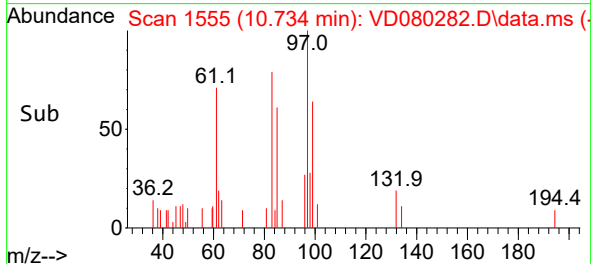
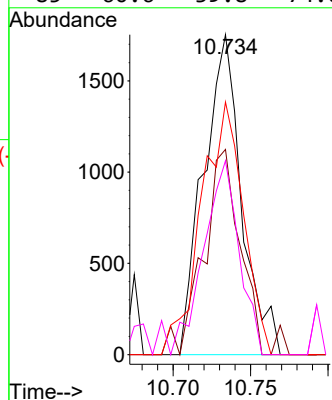
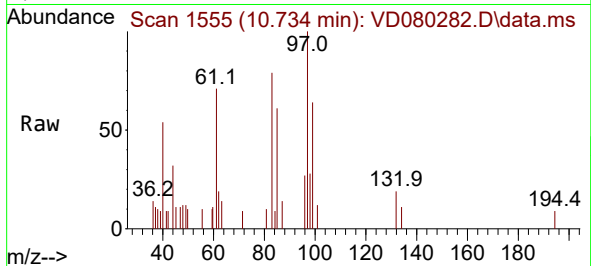




#45
1,1,2-Trichloroethane
Concen: 1.41 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

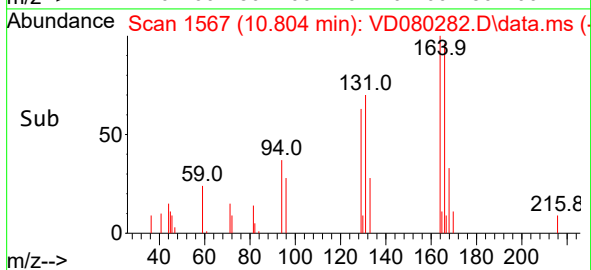
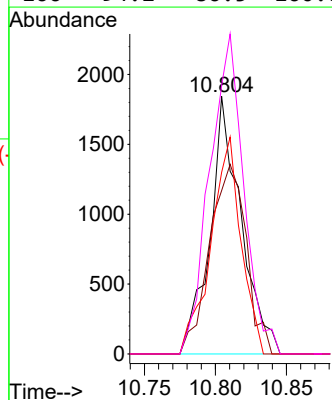
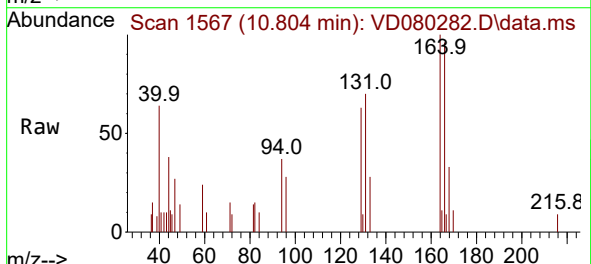
Instrument :
MSVOA_D
ClientSampleId :

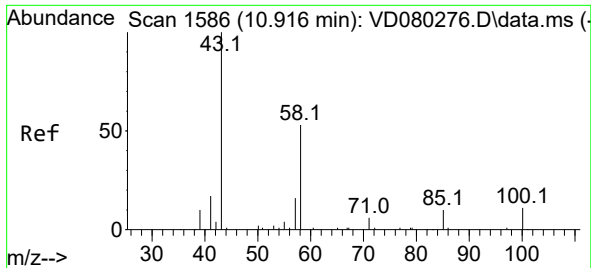
Tgt Ion:	97	Resp:	2985
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.0	79.8
83	79.0	62.2	115.4
85	60.6	39.8	74.0



#46
Tetrachloroethene
Concen: 1.39 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

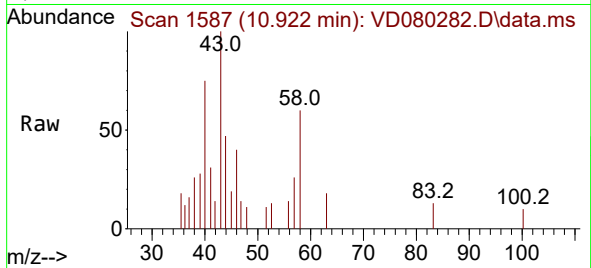
Tgt Ion:	164	Resp:	2800
Ion	Ratio	Lower	Upper
164	100		
129	57.3	64.9	120.5#
131	63.7	61.5	114.3
166	94.2	86.5	160.7



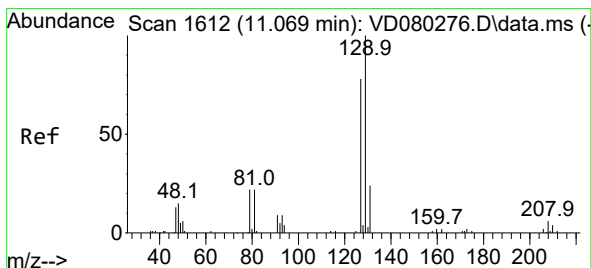
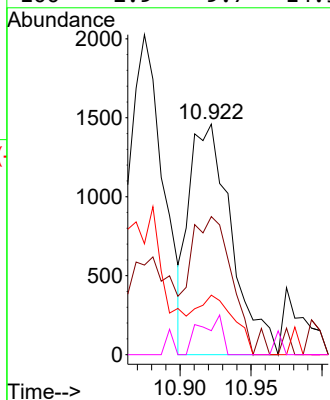
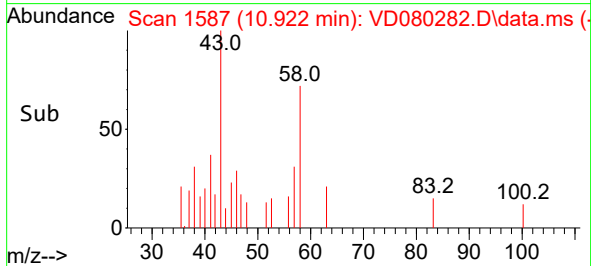


#48
2-Hexanone
Concen: 2.85 ug/L
RT: 10.922 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Instrument :
MSVOA_D
ClientSampleId :

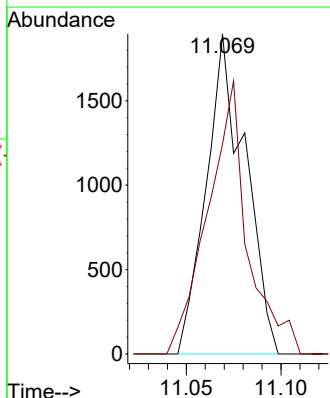
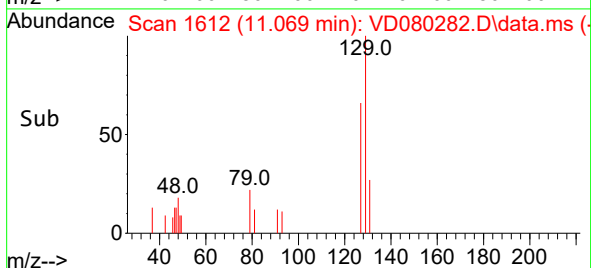
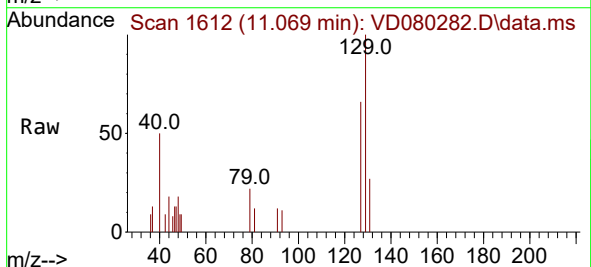


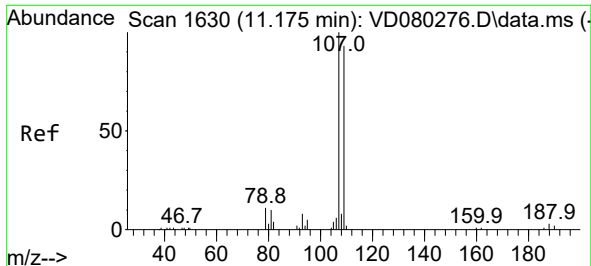
Tgt Ion: 43 Resp: 3022
Ion Ratio Lower Upper
43 100
58 57.6 42.8 64.2
57 23.0 15.0 22.4#
100 2.9 9.7 14.5#



#49
Dibromochloromethane
Concen: 1.13 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 129 Resp: 2709
Ion Ratio Lower Upper
129 100
127 65.6 54.9 101.9

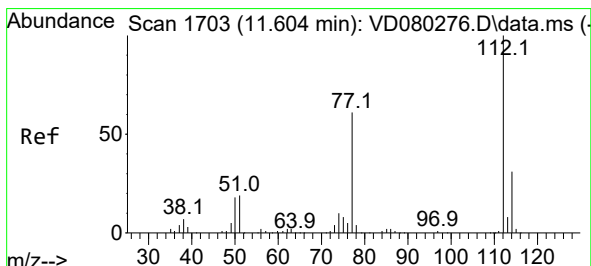
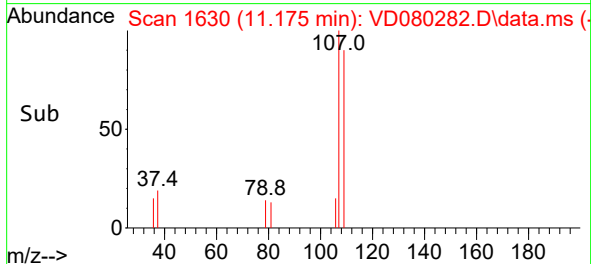
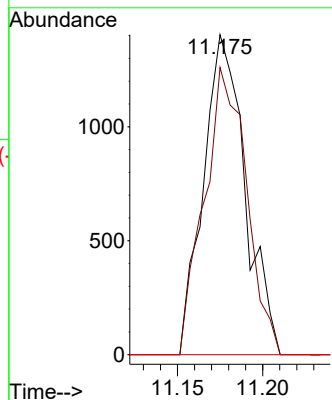
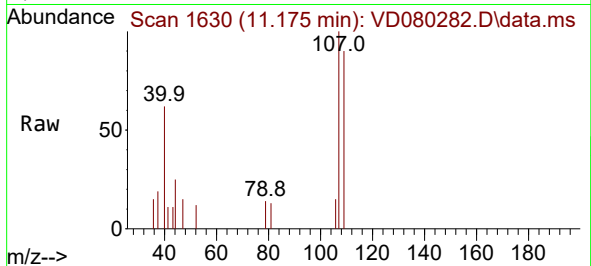




#50
1,2-Dibromoethane
Concen: 1.27 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

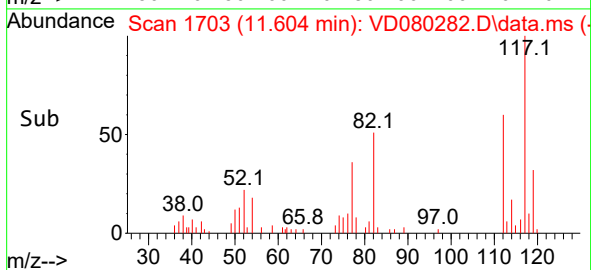
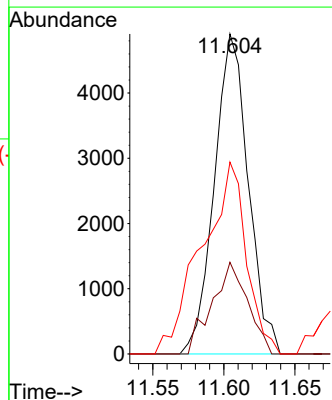
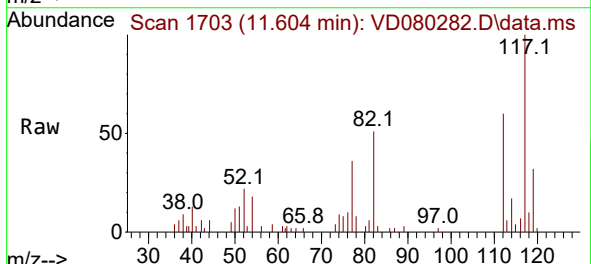
Instrument :
MSVOA_D
ClientSampleId :

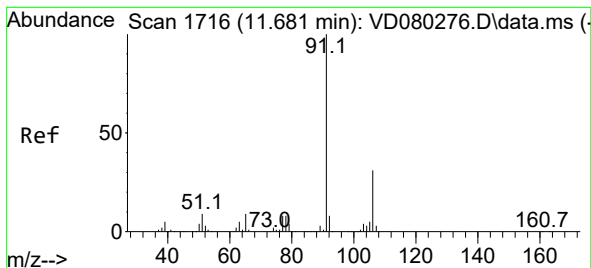
Tgt Ion:107 Resp: 2385
Ion Ratio Lower Upper
107 100
109 89.7 65.5 121.6
188 0.0 2.2 3.2#



#51
Chlorobenzene
Concen: 1.19 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:112 Resp: 8160
Ion Ratio Lower Upper
112 100
114 28.6 21.8 40.6
77 59.9 48.8 73.2

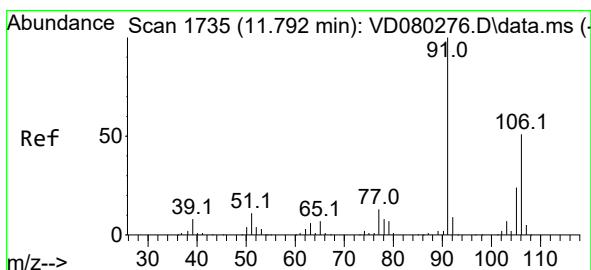
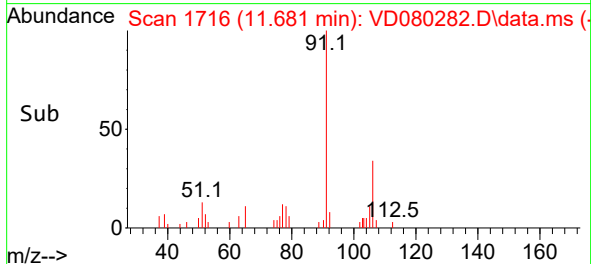
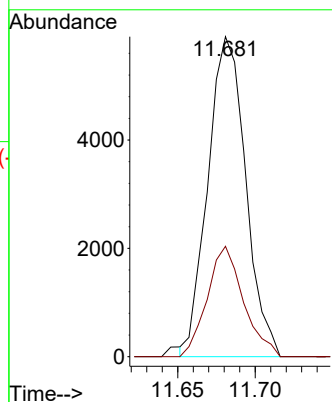
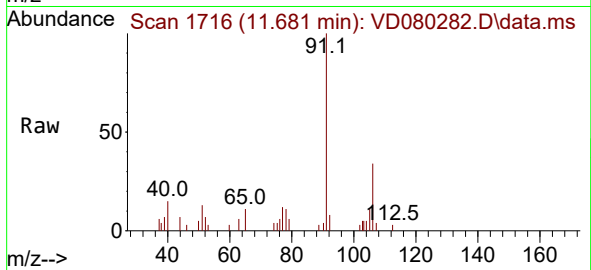




#52
Ethylbenzene
Concen: 0.89 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

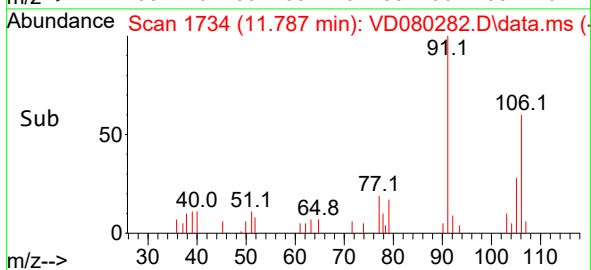
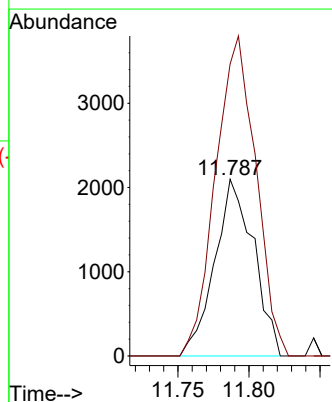
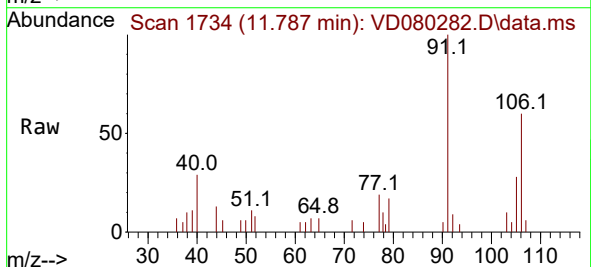
Instrument :
MSVOA_D
ClientSampleId :

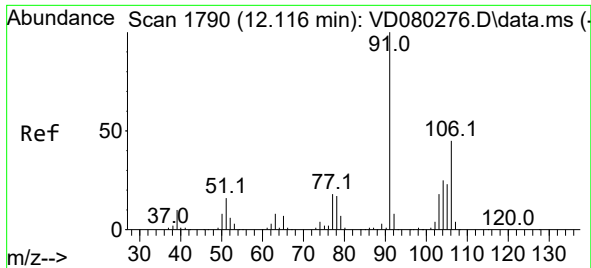
Tgt Ion: 91 Resp: 10015
Ion Ratio Lower Upper
91 100
106 34.5 21.4 39.8



#53
m,p-Xylene
Concen: 0.96 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:106 Resp: 3997
Ion Ratio Lower Upper
106 100
91 165.3 138.0 256.2

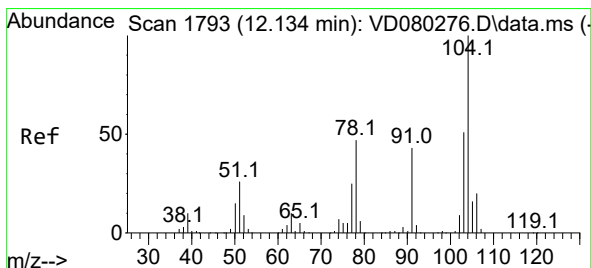
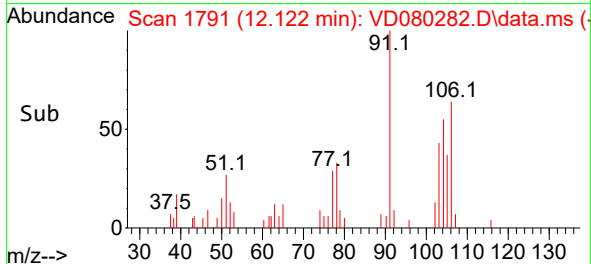
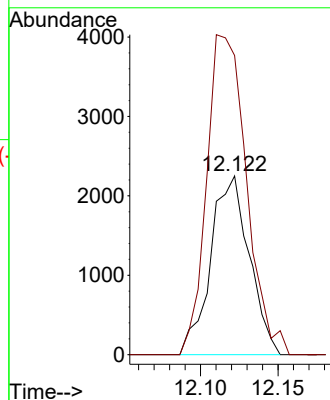
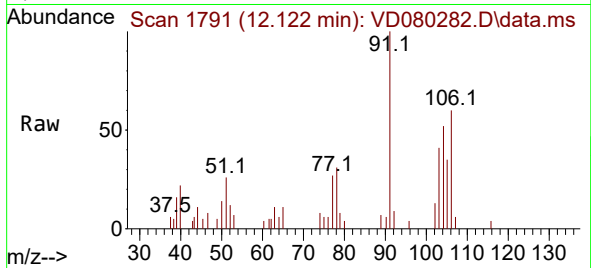




#54
o-Xylene
Concen: 0.98 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

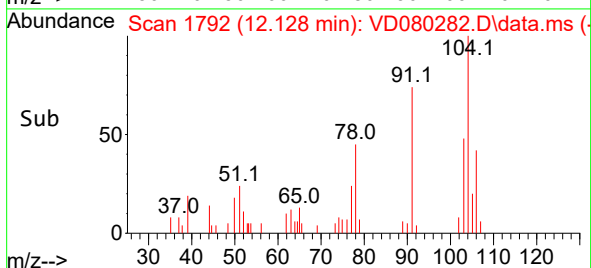
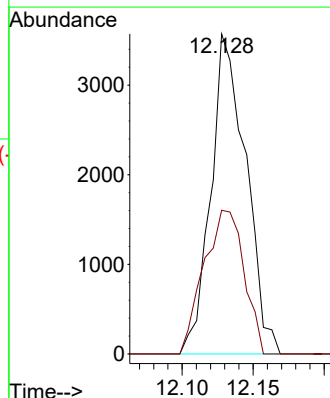
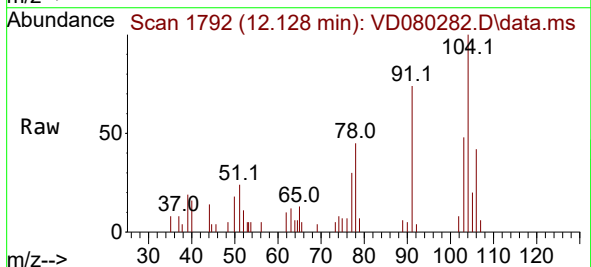
Instrument :
MSVOA_D
ClientSampleId :

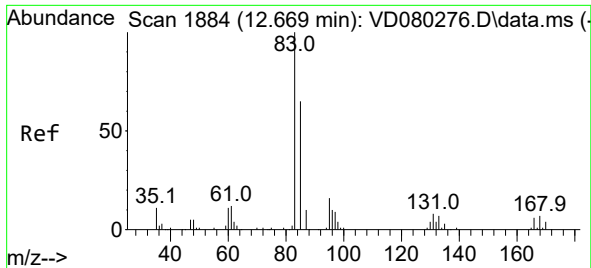
Tgt Ion:106 Resp: 3895
Ion Ratio Lower Upper
106 100
91 167.5 156.5 290.7



#55
Styrene
Concen: 0.85 ug/L
RT: 12.128 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:104 Resp: 6121
Ion Ratio Lower Upper
104 100
78 44.9 32.7 60.7

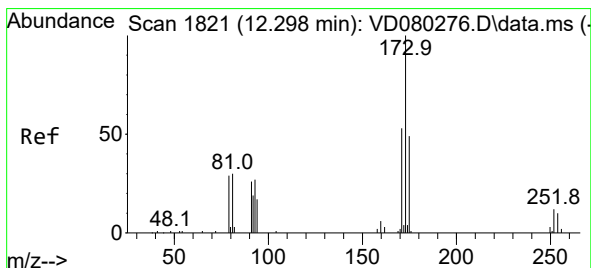
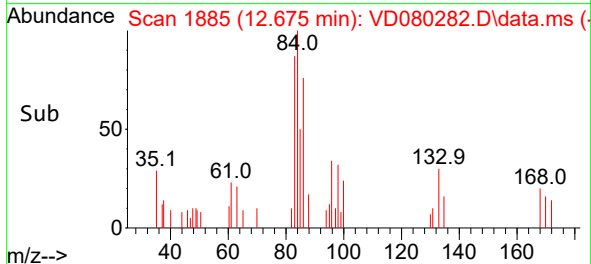
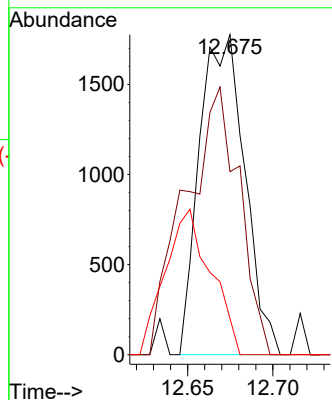
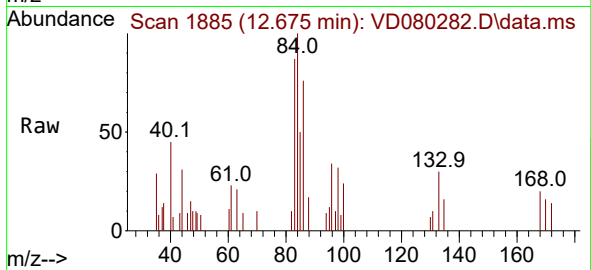




#57
1,1,2-Tetrachloroethane
Concen: 1.28 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

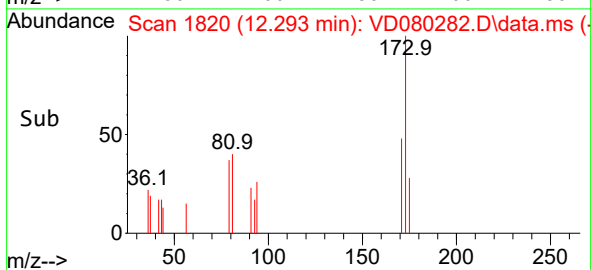
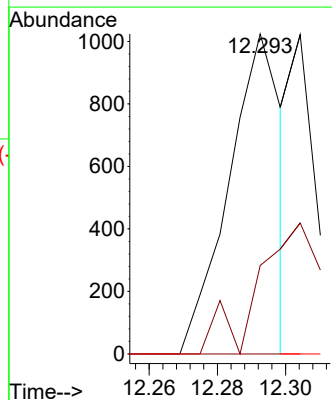
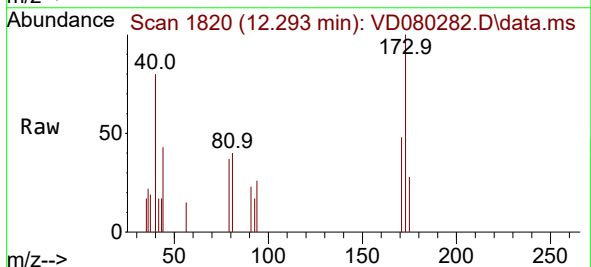
Instrument :
MSVOA_D
ClientSampleId :

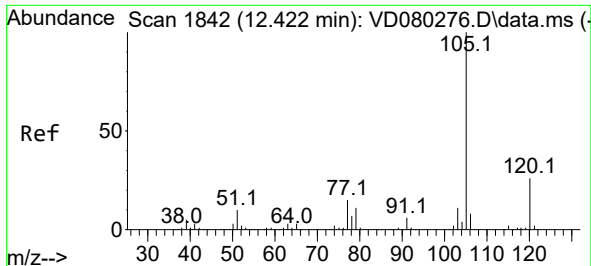
Tgt Ion: 83 Resp: 3275
Ion Ratio Lower Upper
83 100
85 57.2 46.1 85.7
131 11.3 6.9 10.3#



#59
Bromoform
Concen: 0.87 ug/L
RT: 12.293 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 173 Resp: 1109
Ion Ratio Lower Upper
173 100
175 41.6 38.8 58.2
254 0.0 7.8 11.6#

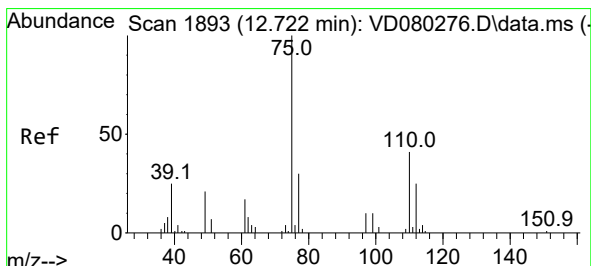
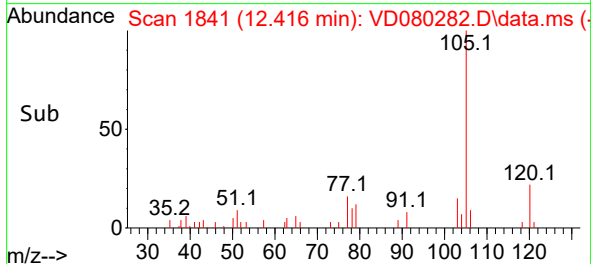
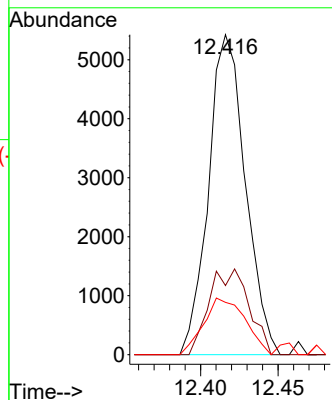
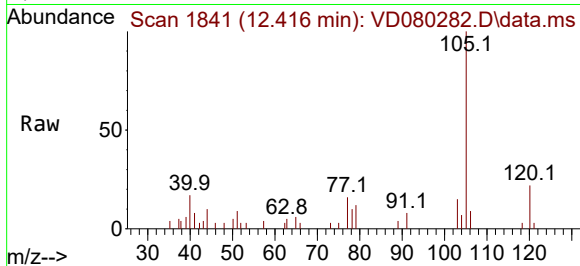




#60
Isopropylbenzene
Concen: 0.97 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

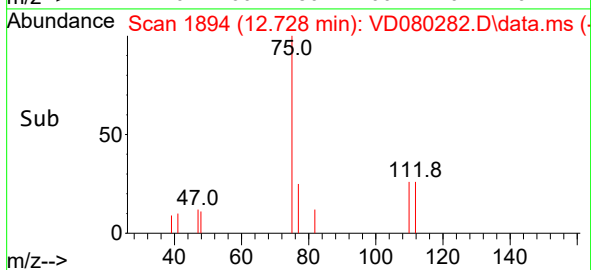
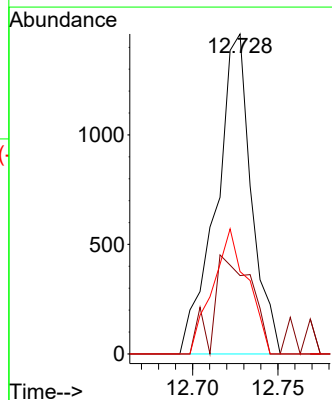
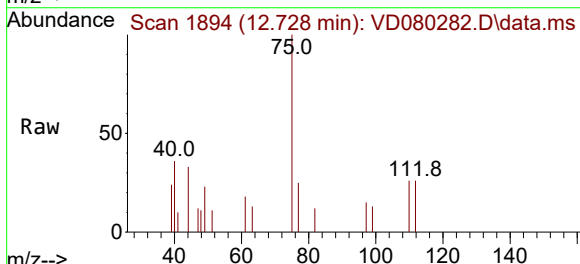
Instrument :
MSVOA_D
ClientSampleId :

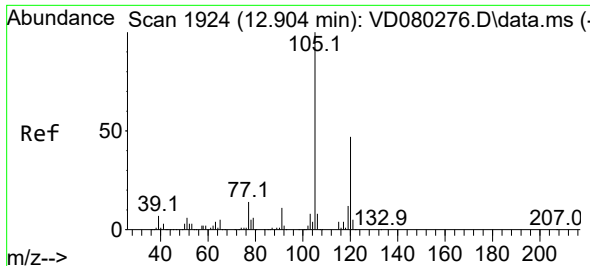
Tgt Ion:105 Resp: 8979
Ion Ratio Lower Upper
105 100
120 14.6 20.6 31.0#
77 19.9 12.5 18.7#



#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 75 Resp: 2103
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
110 38.6 30.7 46.1

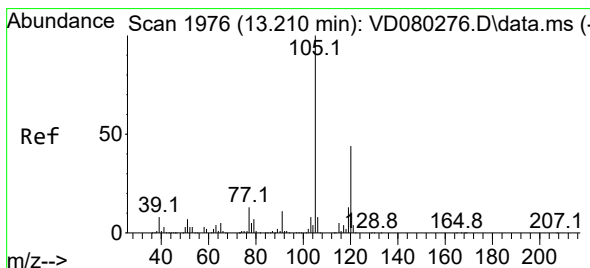
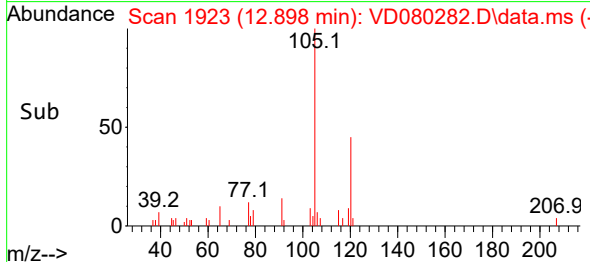
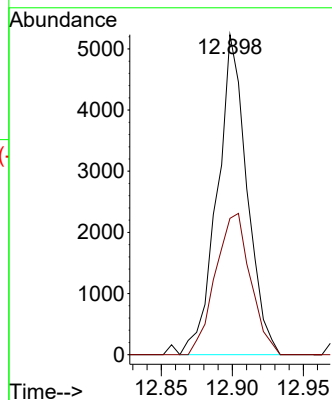
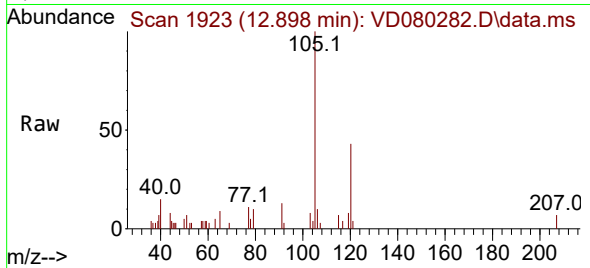




#62
 1,3,5-Trimethylbenzene
 Concen: 1.04 ug/L
 RT: 12.898 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

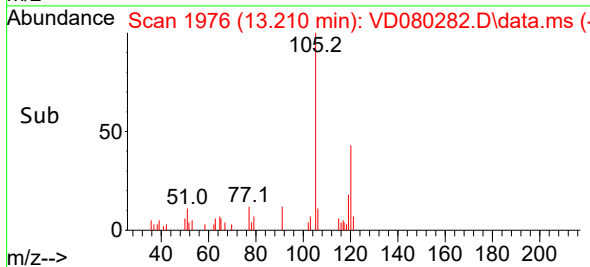
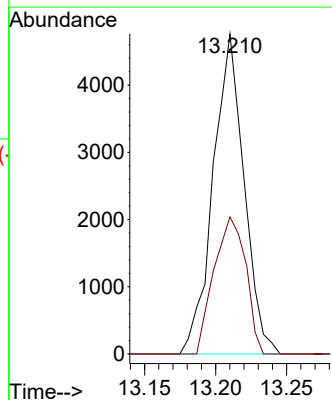
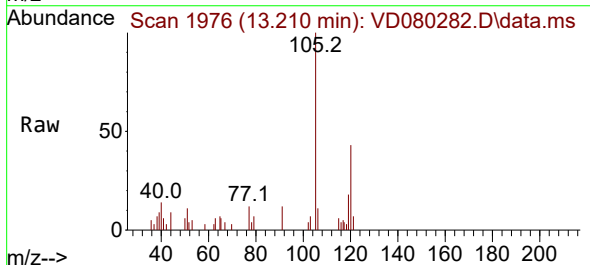
Instrument :
 MSVOA_D
 ClientSampleId :

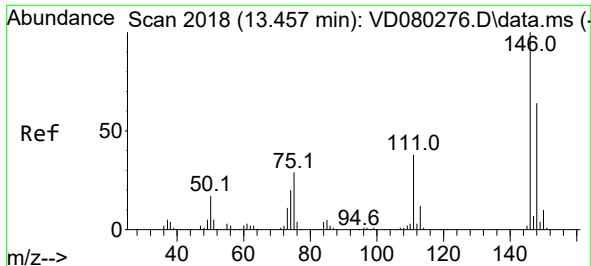
Tgt Ion:105 Resp: 7623
 Ion Ratio Lower Upper
 105 100
 120 52.0 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.97 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD080282.D
 Acq: 18 Mar 2025 15:47

Tgt Ion:105 Resp: 7203
 Ion Ratio Lower Upper
 105 100
 120 43.9 36.2 54.4

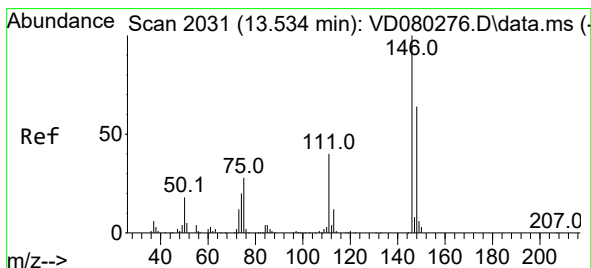
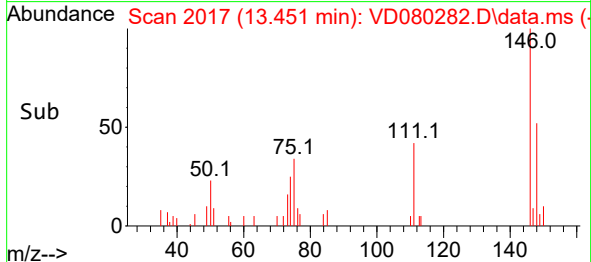
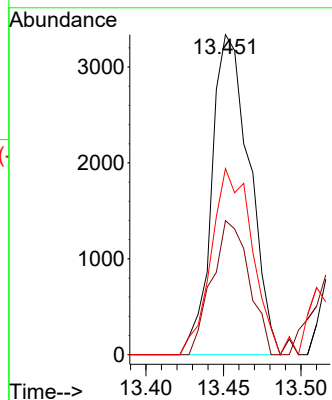
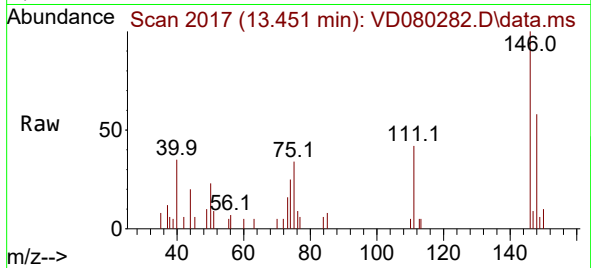




#64
1,3-Dichlorobenzene
Concen: 1.22 ug/L
RT: 13.451 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

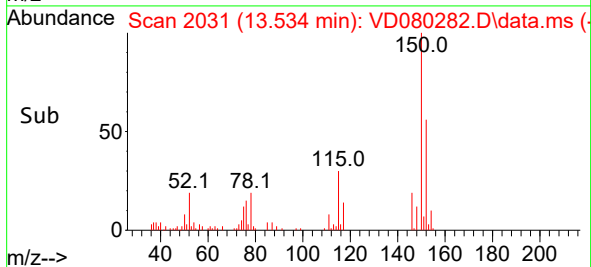
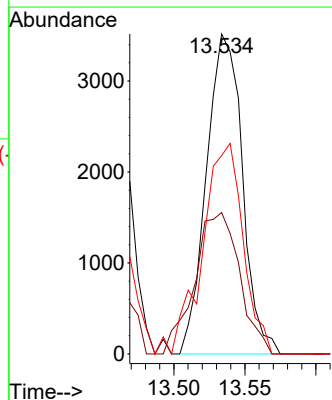
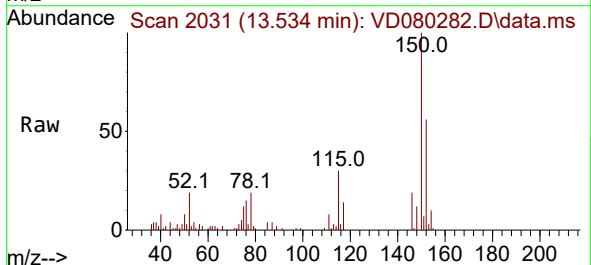
Instrument :
MSVOA_D
ClientSampleId :

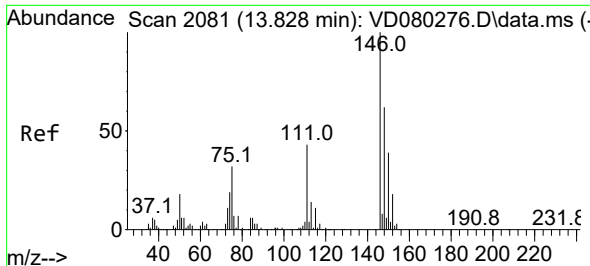
Tgt Ion:146 Resp: 5642
Ion Ratio Lower Upper
146 100
111 41.9 26.9 49.9
148 58.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 1.24 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:146 Resp: 6185
Ion Ratio Lower Upper
146 100
111 44.2 27.9 51.7
148 62.0 45.1 83.9

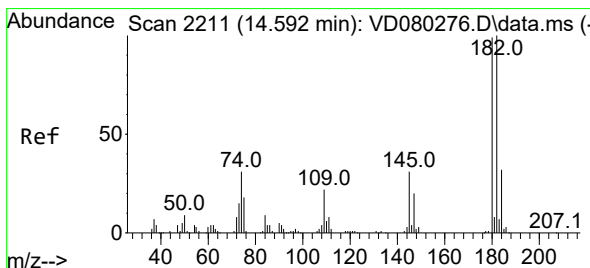
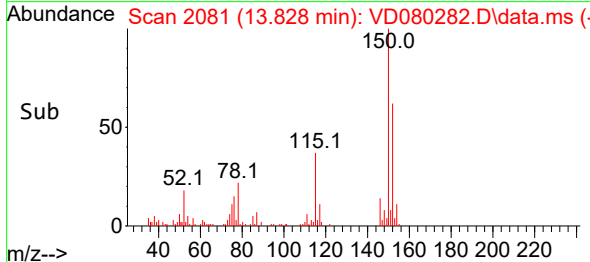
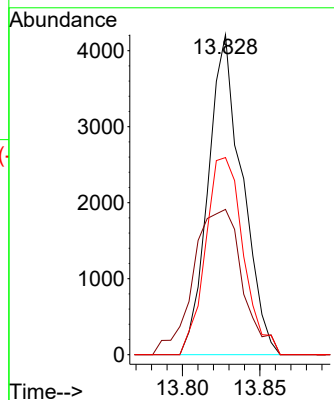
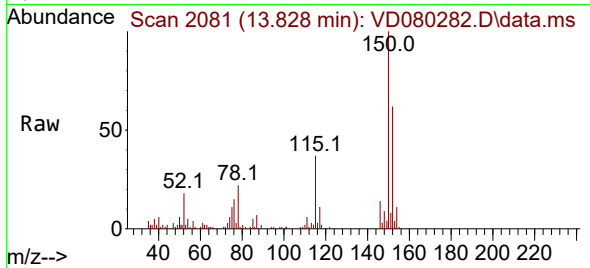




#67
1,2-Dichlorobenzene
Concen: 1.50 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

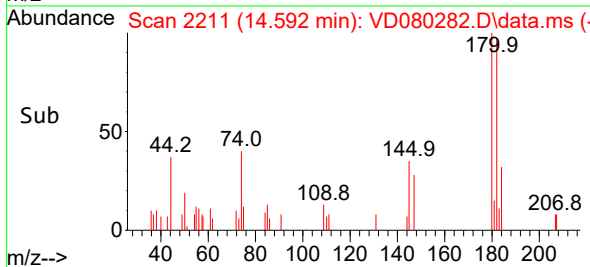
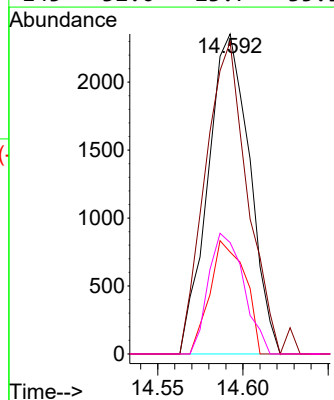
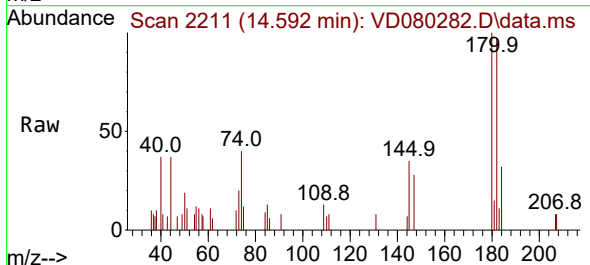
Instrument :
MSVOA_D
ClientSampleId :

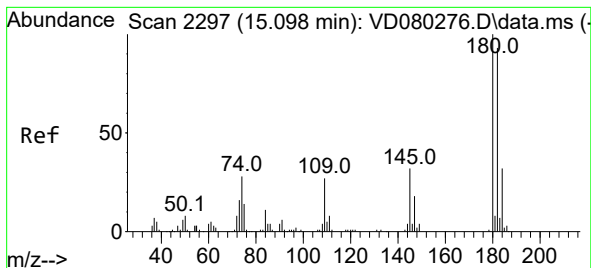
Tgt Ion:146 Resp: 6420
Ion Ratio Lower Upper
146 100
111 45.4 34.2 51.2
148 61.6 49.8 74.8



#69
1,3,5-Trichlorobenzene
Concen: 1.32 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Tgt Ion:180 Resp: 4008
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.4
184 29.9 24.0 36.0
145 32.0 23.7 35.5





#70

1,2,4-trichlorobenzene

Concen: 1.35 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080282.D

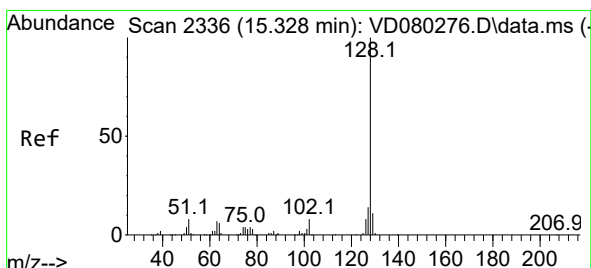
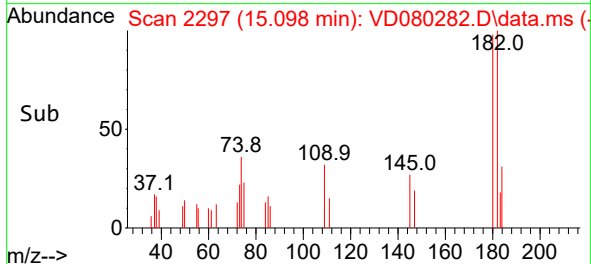
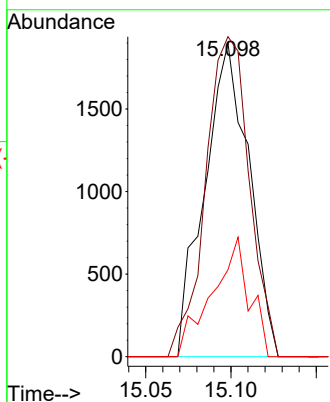
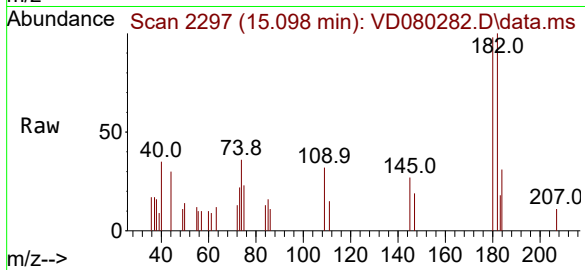
Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	3440
Ion Ratio	Lower	Upper
180	100	
182	100.7	75.4 113.0
145	32.0	23.1 34.7



#71

Naphthalene

Concen: 1.24 ug/L

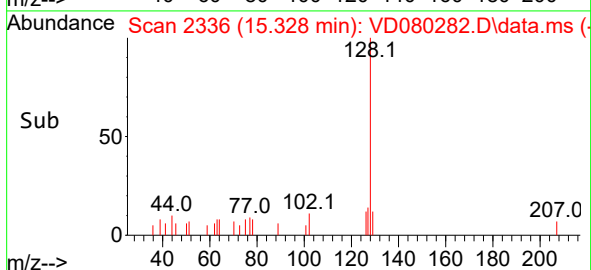
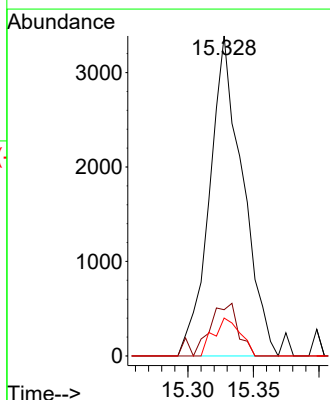
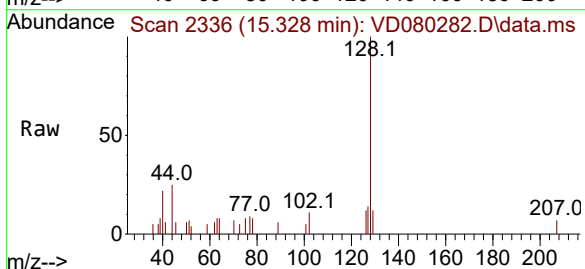
RT: 15.328 min Scan# 2336

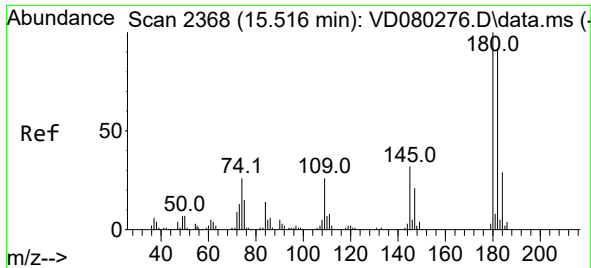
Delta R.T. 0.000 min

Lab File: VD080282.D

Acq: 18 Mar 2025 15:47

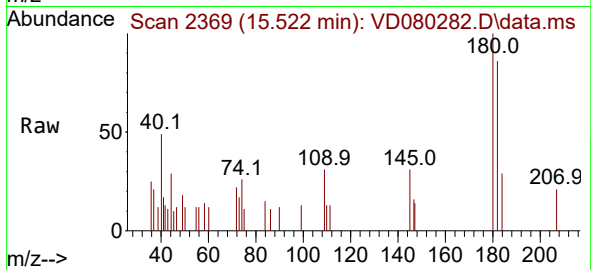
Tgt Ion:128	Resp:	5929
Ion Ratio	Lower	Upper
128	100	
127	13.7	11.4 17.2
129	9.6	9.0 13.4





#72
1,2,3-Trichlorobenzene
Concen: 1.34 ug/L
RT: 15.522 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD080282.D
Acq: 18 Mar 2025 15:47

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	73.8	110.6
145	28.5	24.8	37.2

