

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080275.D
 Acq On : 18 Mar 2025 11:03
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 20 12:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 20 12:18:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	166554	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	162737	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78733	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	30051	5.48	ug/L	0.00
7) Chloroethane-d5	2.793	69	25102	5.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	4126	3.56	ug/L	0.00
21) 2-Butanone-d5	7.046	46	343	0.56	ug/L	0.06
24) Chloroform-d	7.569	84	25428	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	13946	4.97	ug/L	0.00
32) Benzene-d6	8.199	84	44989	4.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	15023	4.69	ug/L	0.00
41) Toluene-d8	10.263	98	37929	4.42	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	5419	4.29	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2008	4.51	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	12824	4.70	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	12675	4.60	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	15624	5.05	ug/L	96
3) Chloromethane	2.152	50	25370	5.07	ug/L	96
5) Vinyl chloride	2.275	62	32054	4.93	ug/L	93
6) Bromomethane	2.687	94	16672	4.91	ug/L	92
8) Chloroethane	2.828	64	22430	5.10	ug/L	97
9) Trichlorofluoromethane	3.164	101	24080	4.96	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	14700	5.13	ug/L #	57
12) 1,1-Dichloroethene	3.934	96	11237	4.61	ug/L	93
13) Acetone	4.034	43	5669	8.58	ug/L	96
14) Carbon disulfide	4.264	76	42792	4.74	ug/L	99
15) Methyl Acetate	4.564	43	4792	3.44	ug/L	95
16) Methylene chloride	4.793	84	17605	5.40	ug/L	93
17) trans-1,2-Dichloroethene	5.305	96	12220	4.63	ug/L	86
18) Methyl tert-butyl Ether	5.311	73	11231	2.03	ug/L #	73
19) 1,1-Dichloroethane	6.105	63	27023	5.14	ug/L	89
20) cis-1,2-Dichloroethene	7.081	96	13678	4.81	ug/L	98
22) 2-Butanone	7.093	43	7283	9.20	ug/L #	86
23) Bromochloromethane	7.428	128	6827	5.02	ug/L #	89
25) Chloroform	7.593	83	29446	5.31	ug/L	92
27) 1,2-Dichloroethane	8.322	62	17864	5.16	ug/L	98
29) Cyclohexane	7.869	56	16714	4.36	ug/L #	93
30) 1,1,1-Trichloroethane	7.793	97	21593	5.05	ug/L	97
31) Carbon tetrachloride	7.987	117	19593	5.22	ug/L	100
33) Benzene	8.252	78	51665	4.89	ug/L	100
34) Trichloroethene	9.028	95	13852	4.91	ug/L	88
35) Methylcyclohexane	9.275	83	17935	4.44	ug/L	94
37) 1,2-Dichloropropane	9.299	63	15308	4.99	ug/L #	97
38) Bromodichloromethane	9.581	83	20004	5.14	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	20286	4.56	ug/L	99
40) 4-Methyl-2-pentanone	10.151	43	14174	8.73	ug/L	97
42) Toluene	10.334	91	51590	4.57	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	17794	4.79	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080275.D
 Acq On : 18 Mar 2025 11:03
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 20 12:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 20 12:18:01 2025
 Response via : Initial Calibration

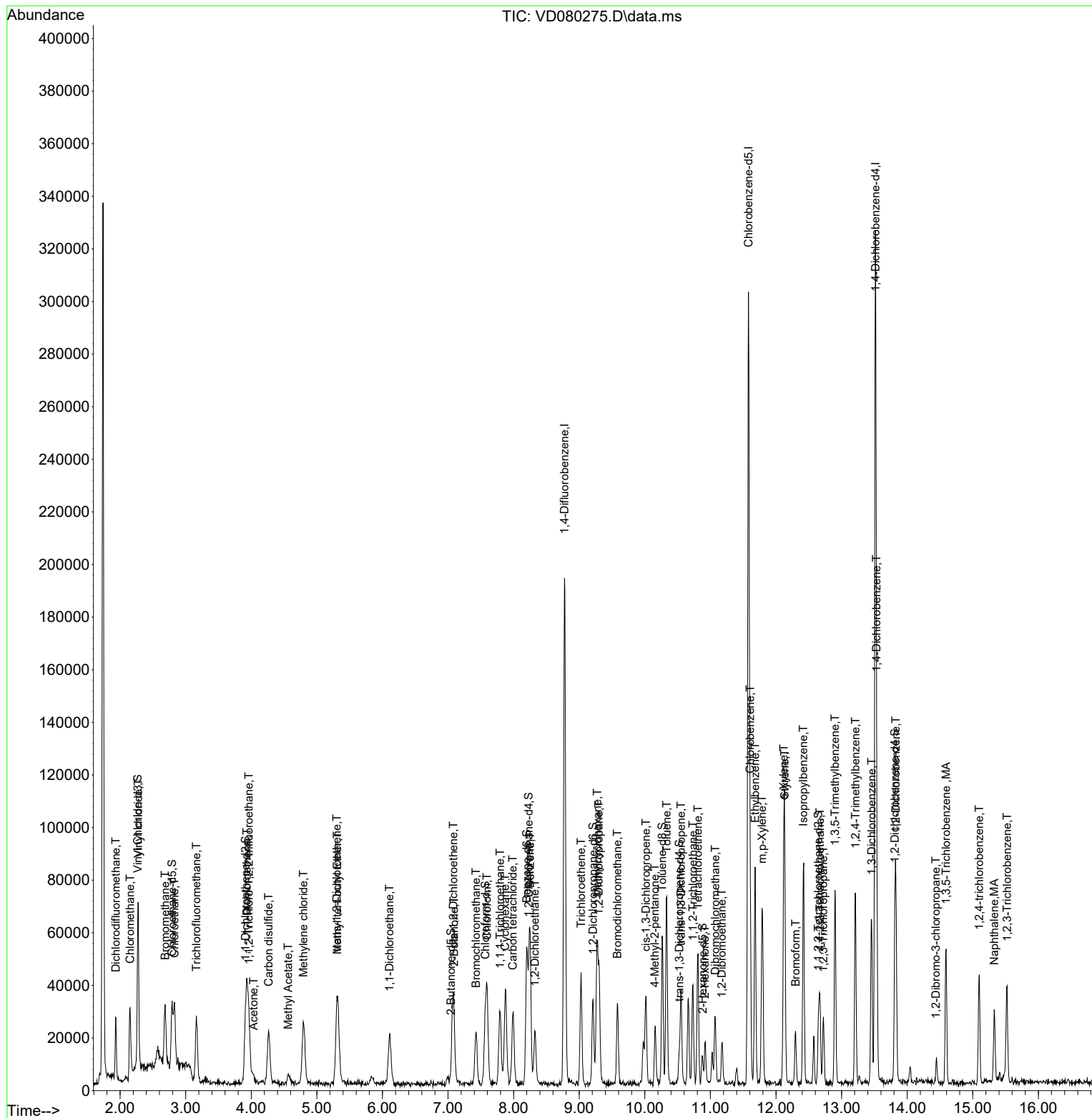
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	11971	5.21	ug/L	90
46) Tetrachloroethene	10.810	164	10793	4.92	ug/L	94
48) 2-Hexanone	10.916	43	10100	8.58	ug/L	95
49) Dibromochloromethane	11.075	129	13072	5.03	ug/L	94
50) 1,2-Dibromoethane	11.175	107	9990	4.91	ug/L #	89
51) Chlorobenzene	11.604	112	37629	5.03	ug/L	99
52) Ethylbenzene	11.681	91	55081	4.48	ug/L	100
53) m,p-Xylene	11.787	106	20310	4.46	ug/L	99
54) o-Xylene	12.116	106	18324	4.24	ug/L	96
55) Styrene	12.134	104	33559	4.28	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.669	83	13497	4.85	ug/L	96
59) Bromoform	12.298	173	8298	5.69	ug/L	95
60) Isopropylbenzene	12.416	105	50940	4.81	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	9338	5.35	ug/L	94
62) 1,3,5-Trimethylbenzene	12.898	105	38092	4.56	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	38212	4.50	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	26025	4.91	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	29369	5.15	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	23795	4.86	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.439	75	2500	6.06	ug/L #	50
69) 1,3,5-Trichlorobenzene	14.592	180	16193	4.65	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	13147	4.53	ug/L #	95
71) Naphthalene	15.328	128	22058	4.05	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.522	180	11418	4.36	ug/L	91

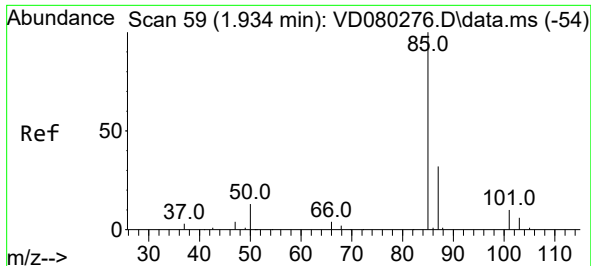
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
Data File : VD080275.D
Acq On : 18 Mar 2025 11:03
Operator : RP/MD
Sample : VSTD005
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 20 12:20:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 20 12:18:01 2025
Response via : Initial Calibration

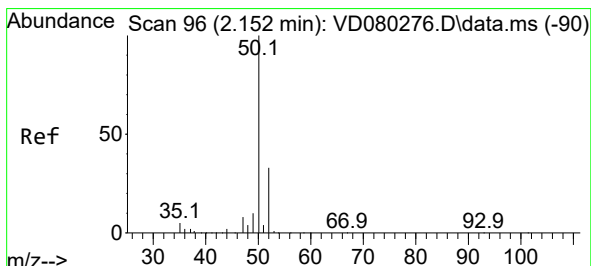
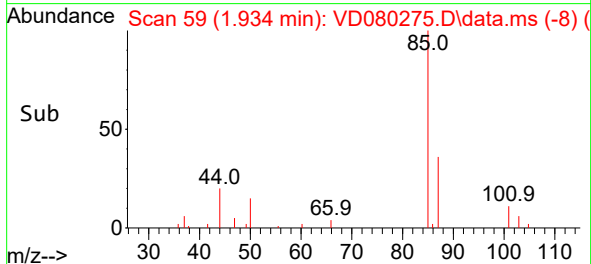
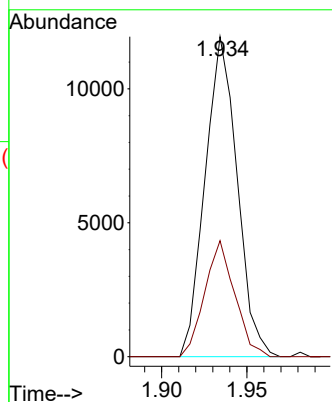
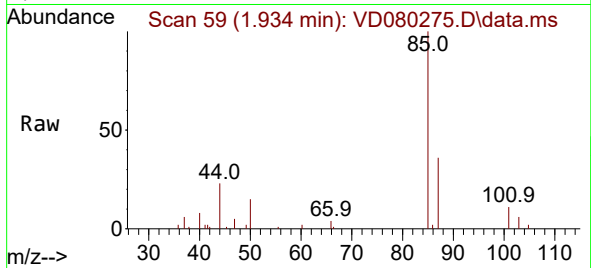




#2
Dichlorodifluoromethane
Concen: 5.05 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

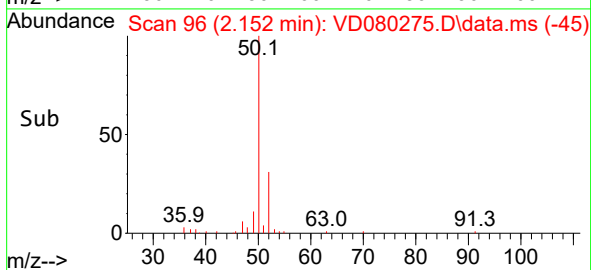
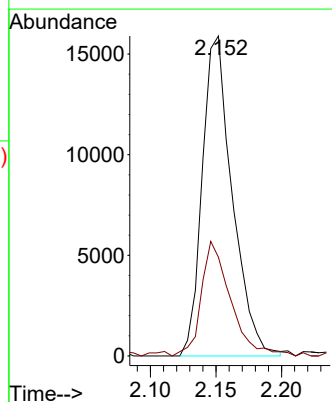
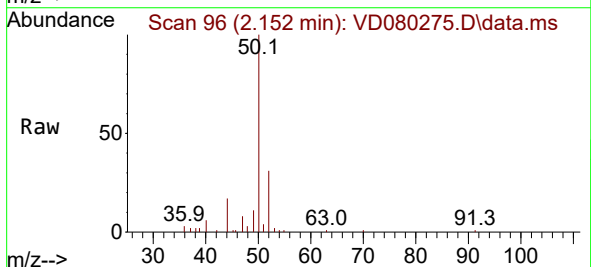
Instrument :
MSVOA_D
ClientSampleId :

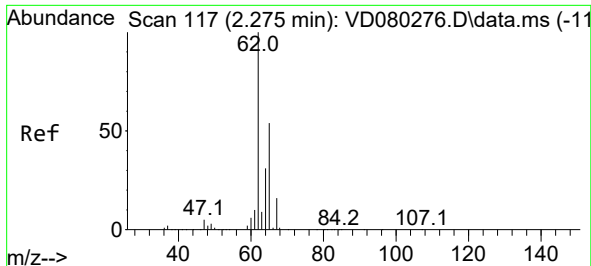
Tgt Ion: 85 Resp: 15624
Ion Ratio Lower Upper
85 100
87 34.0 25.6 38.4



#3
Chloromethane
Concen: 5.07 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion: 50 Resp: 25370
Ion Ratio Lower Upper
50 100
52 30.9 23.1 42.9

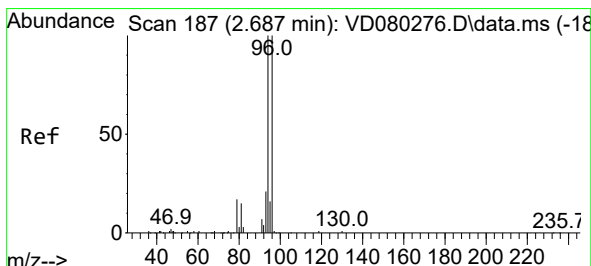
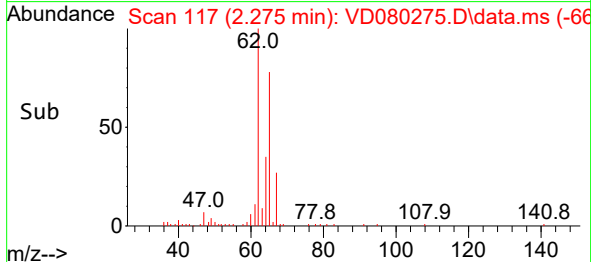
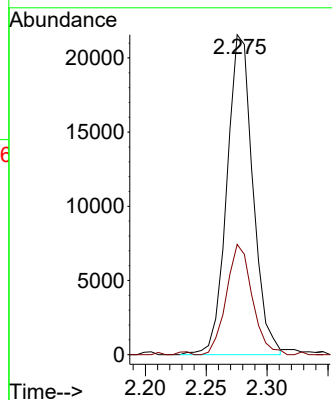
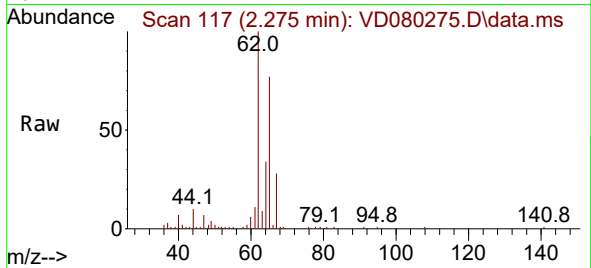




#5
 Vinyl chloride
 Concen: 4.93 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

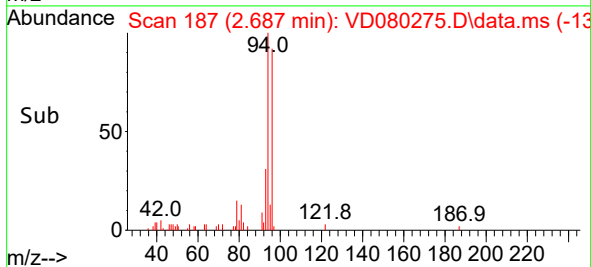
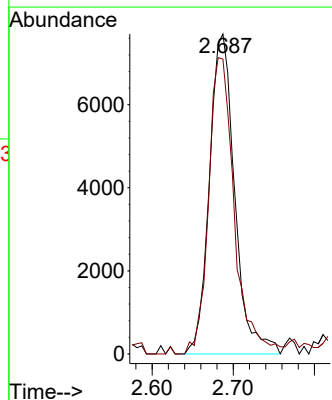
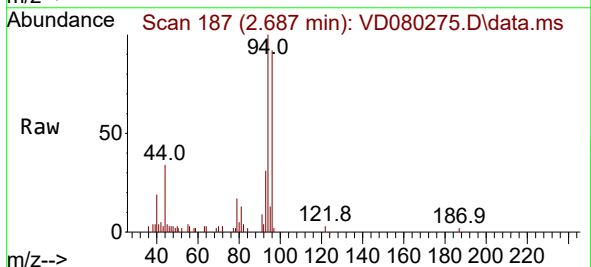
Instrument :
 MSVOA_D
 ClientSampleId :

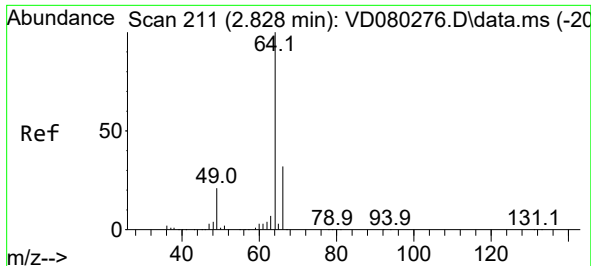
Tgt Ion: 62 Resp: 32054
 Ion Ratio Lower Upper
 62 100
 64 34.5 21.3 39.6



#6
 Bromomethane
 Concen: 4.91 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

Tgt Ion: 94 Resp: 16672
 Ion Ratio Lower Upper
 94 100
 96 92.1 70.3 130.5

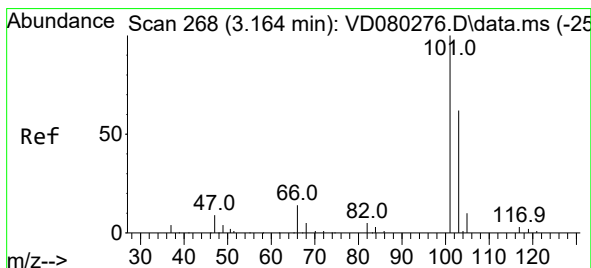
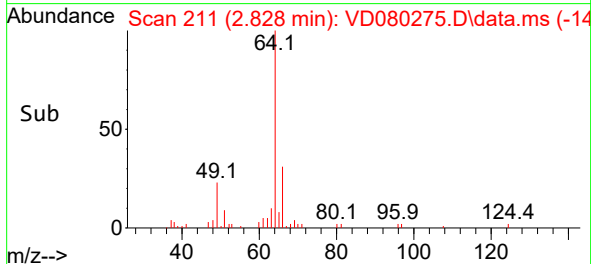
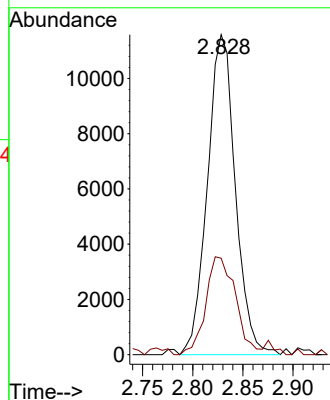
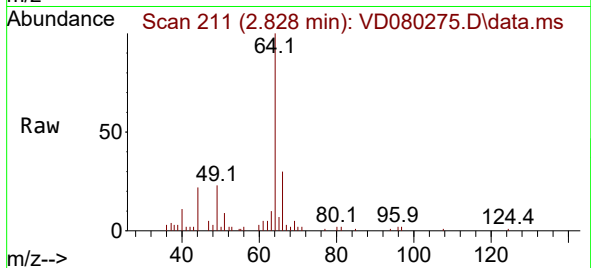




#8
Chloroethane
Concen: 5.10 ug/L
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

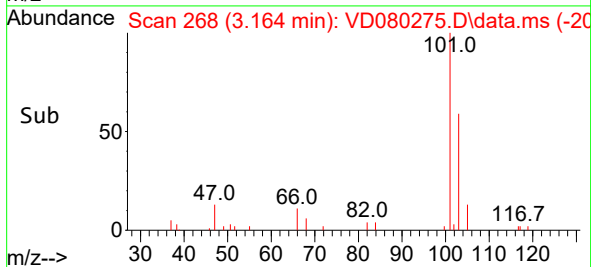
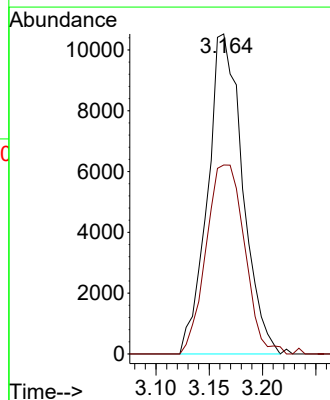
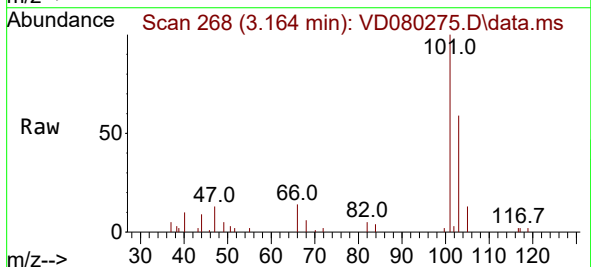
Instrument :
MSVOA_D
ClientSampleId :

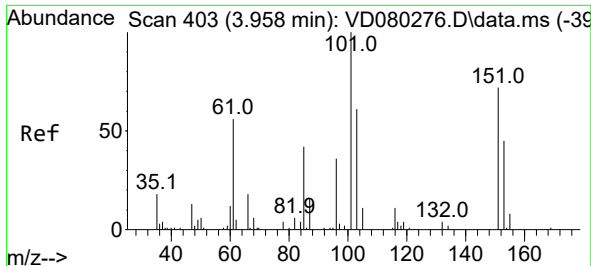
Tgt Ion: 64 Resp: 22430
Ion Ratio Lower Upper
64 100
66 30.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.96 ug/L
RT: 3.164 min Scan# 268
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion:101 Resp: 24080
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

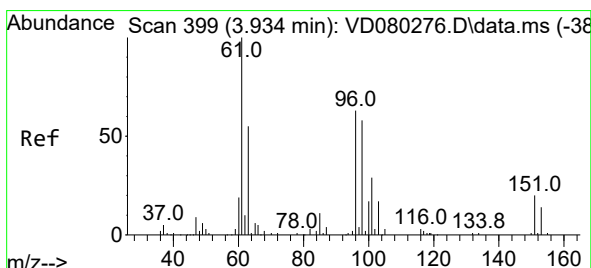
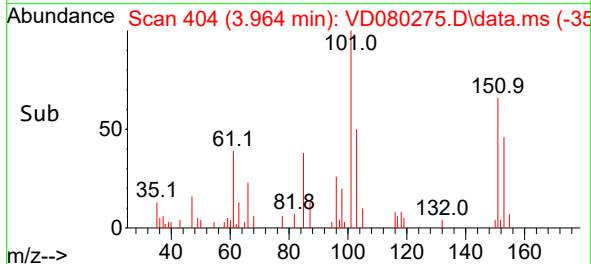
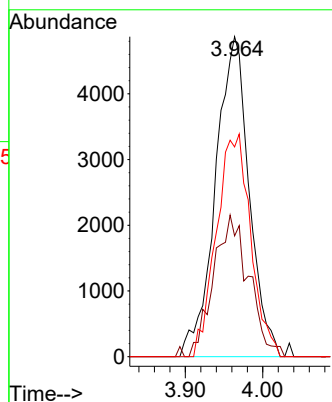
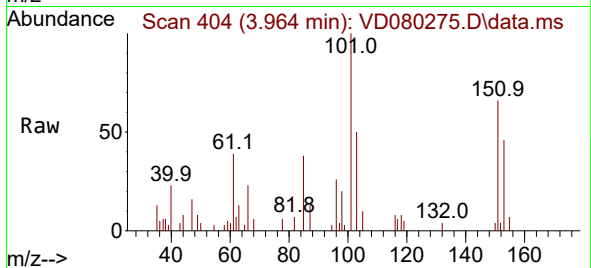




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.13 ug/L
 RT: 3.964 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

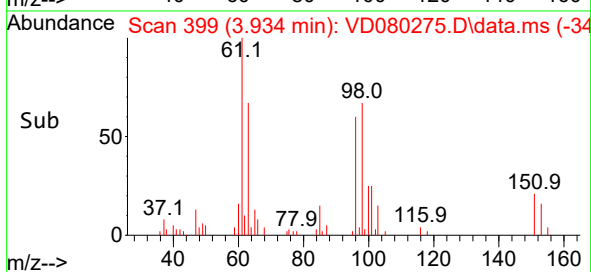
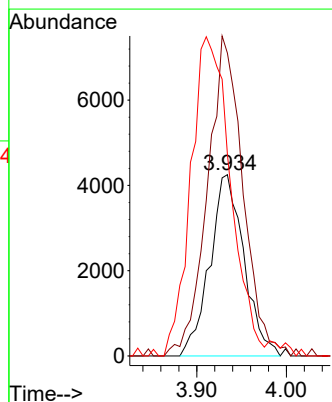
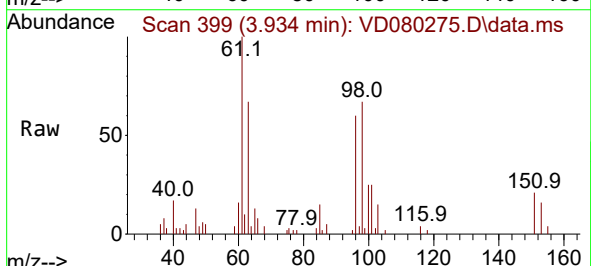
Instrument :
 MSVOA_D
 ClientSampleId :

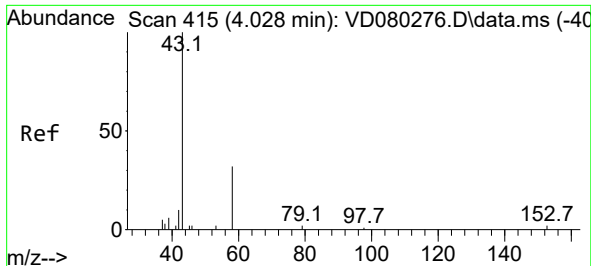
Tgt Ion:101 Resp: 14700
 Ion Ratio Lower Upper
 101 100
 85 8.1 35.7 53.5#
 151 40.9 55.6 83.4#



#12
 1,1-Dichloroethene
 Concen: 4.61 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

Tgt Ion: 96 Resp: 11237
 Ion Ratio Lower Upper
 96 100
 61 167.1 112.5 208.9
 63 111.3 71.3 132.5

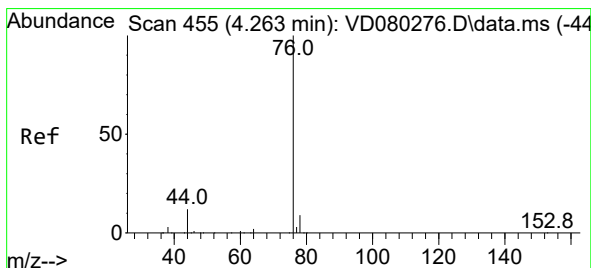
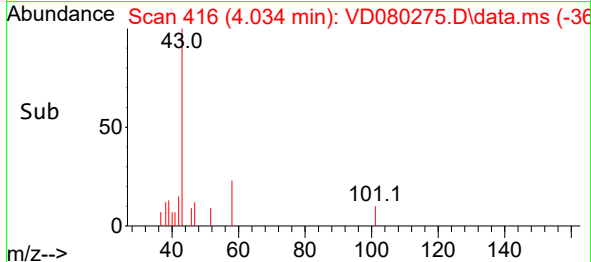
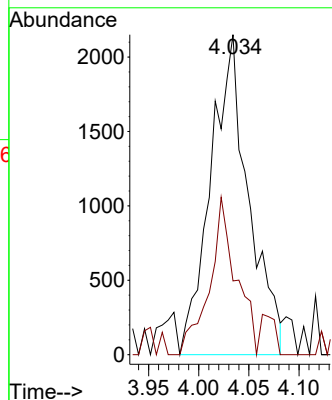
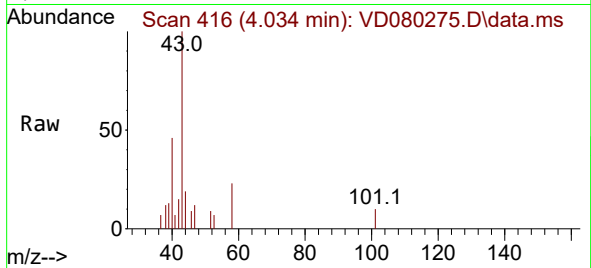




#13
Acetone
Concen: 8.58 ug/L
RT: 4.034 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

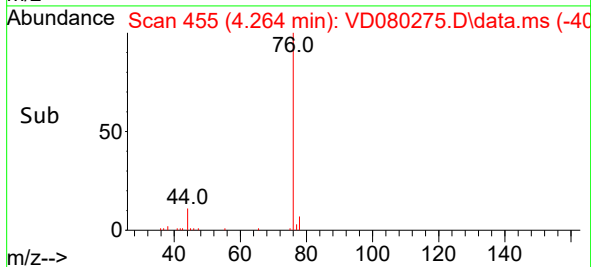
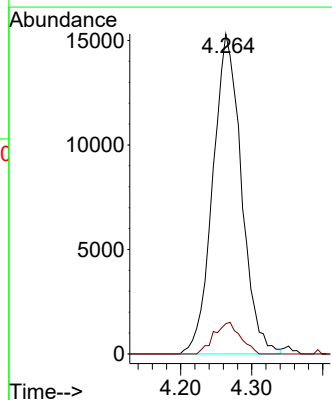
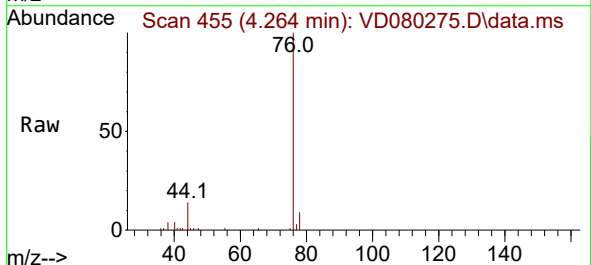
Instrument :
MSVOA_D
ClientSampleId :

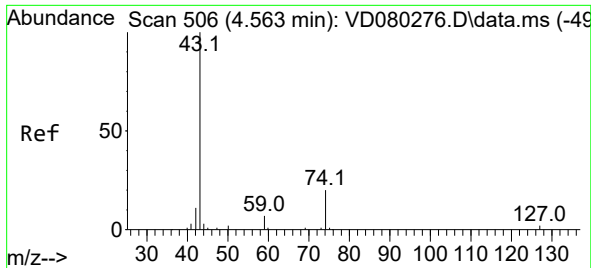
Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
58 34.3 0.0 63.8



#14
Carbon disulfide
Concen: 4.74 ug/L
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion: 76 Resp: 42792
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

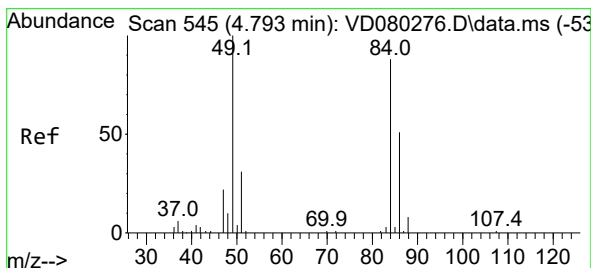
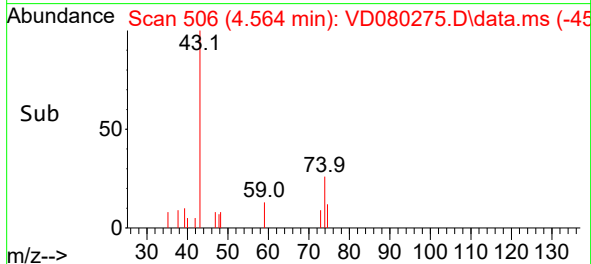
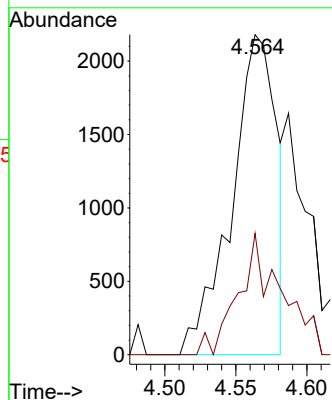
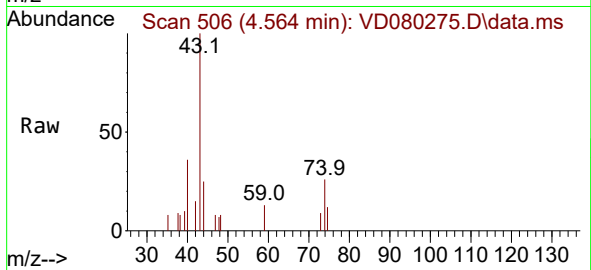




#15
Methyl Acetate
Concen: 3.44 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

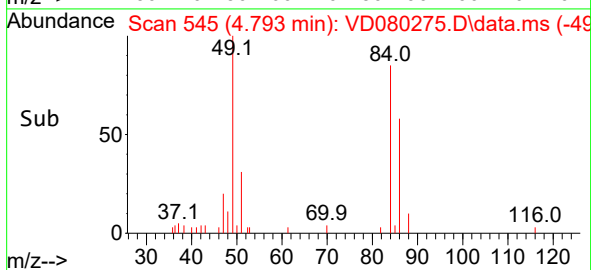
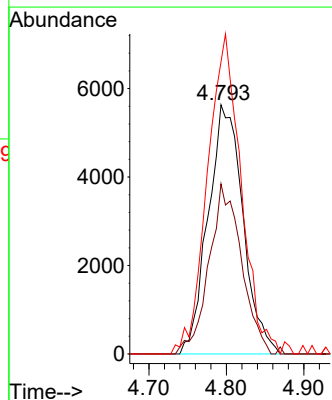
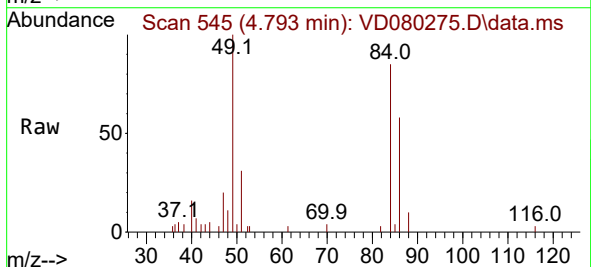
Instrument :
MSVOA_D
ClientSampleId :

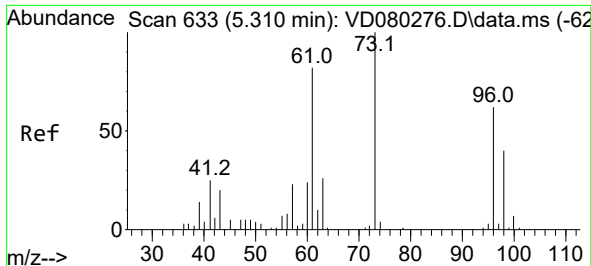
Tgt Ion: 43 Resp: 4792
Ion Ratio Lower Upper
43 100
74 19.3 17.2 25.8



#16
Methylene chloride
Concen: 5.40 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion: 84 Resp: 17605
Ion Ratio Lower Upper
84 100
86 68.3 40.9 75.9
49 117.2 79.7 147.9





#17

trans-1,2-Dichloroethene

Concen: 4.63 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

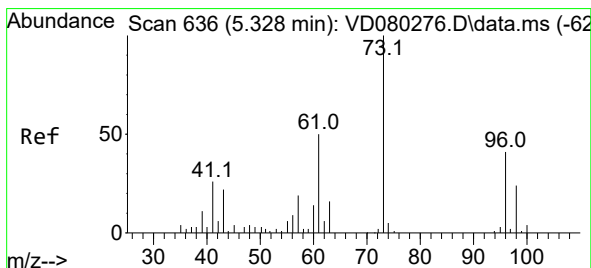
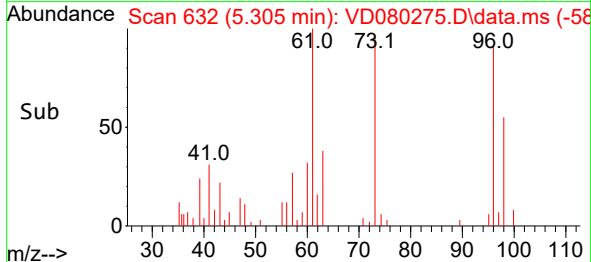
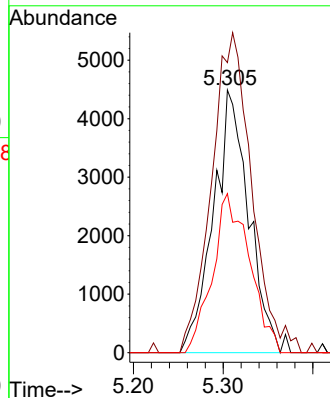
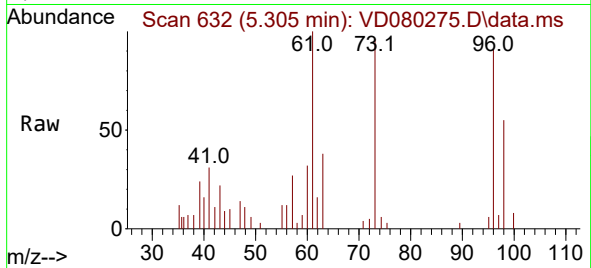
Tgt Ion: 96 Resp: 12220

Ion Ratio Lower Upper

96 100

61 110.4 92.4 171.6

98 60.6 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 2.03 ug/L

RT: 5.311 min Scan# 633

Delta R.T. -0.018 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

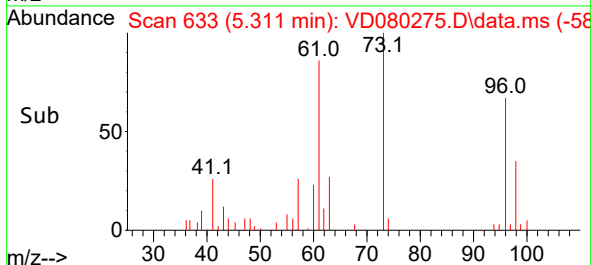
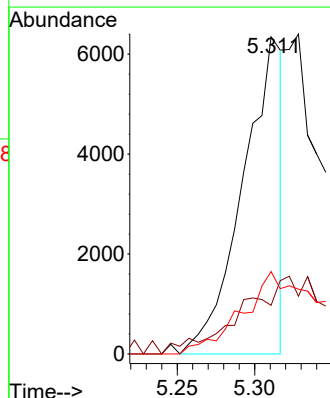
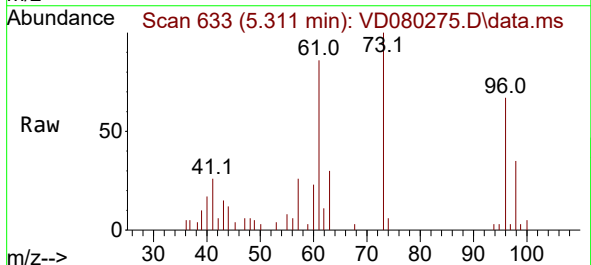
Tgt Ion: 73 Resp: 11231

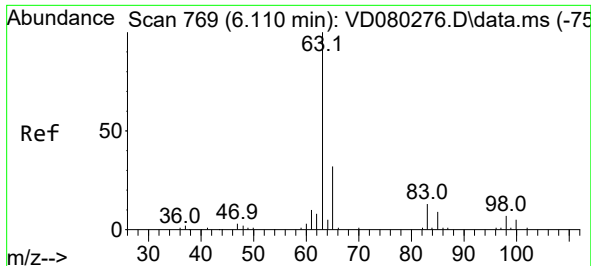
Ion Ratio Lower Upper

73 100

43 13.4 17.2 25.8#

57 5.9 18.8 28.2#





#19

1,1-Dichloroethane

Concen: 5.14 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.006 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

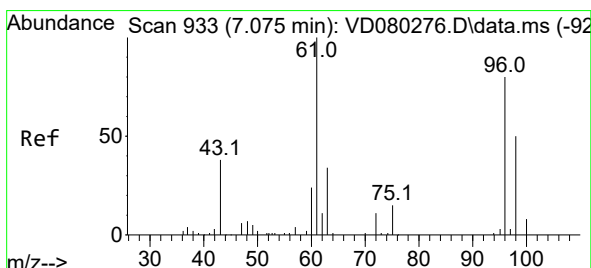
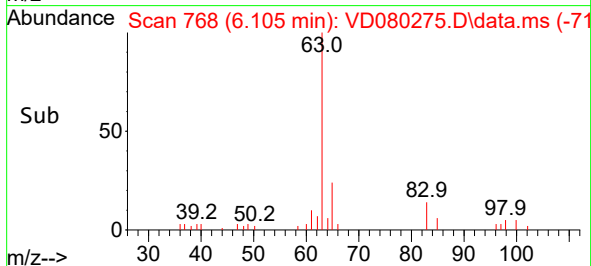
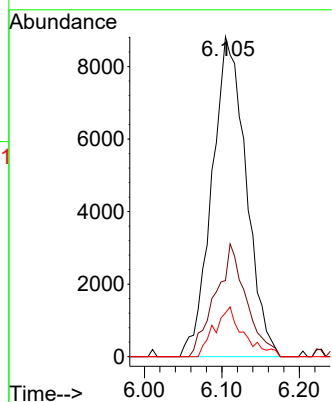
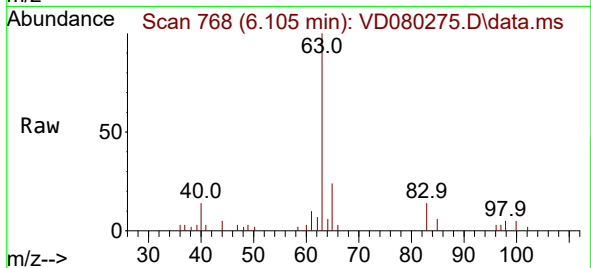
Tgt Ion: 63 Resp: 27023

Ion Ratio Lower Upper

63 100

65 23.8 22.4 41.6

83 13.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 4.81 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

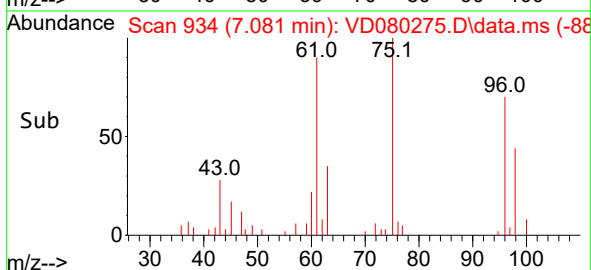
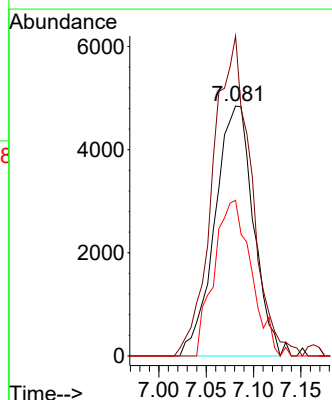
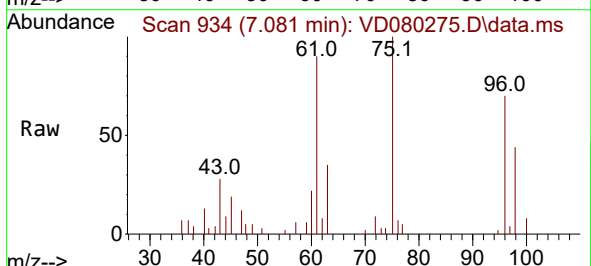
Tgt Ion: 96 Resp: 13678

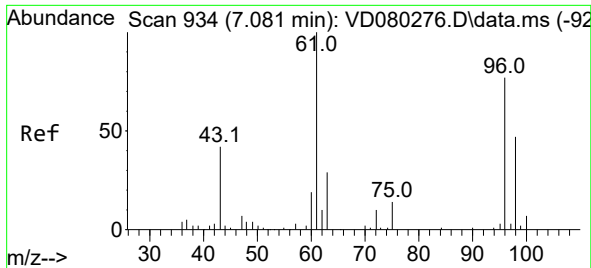
Ion Ratio Lower Upper

96 100

61 128.0 87.8 163.0

98 62.3 43.7 81.1

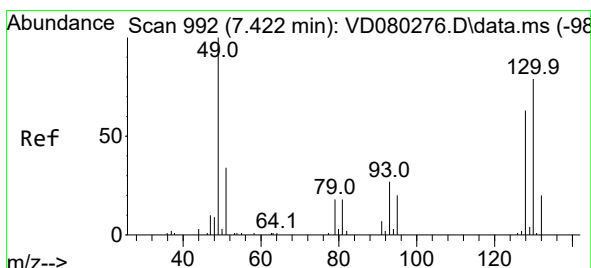
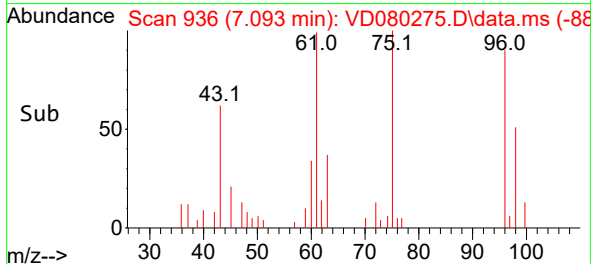
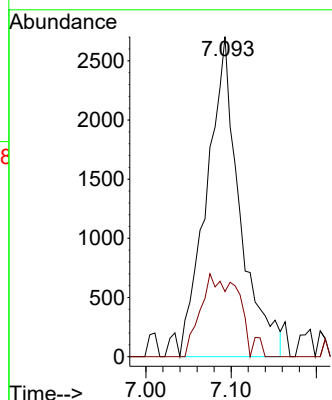
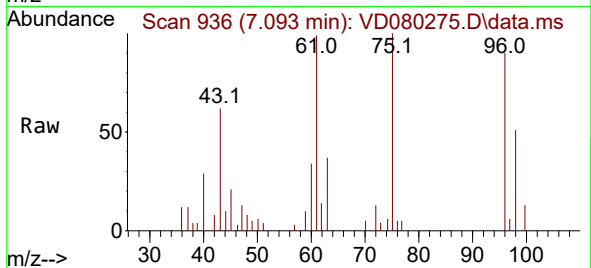




#22
2-Butanone
Concen: 9.20 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

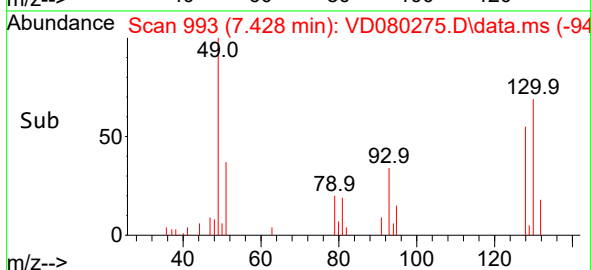
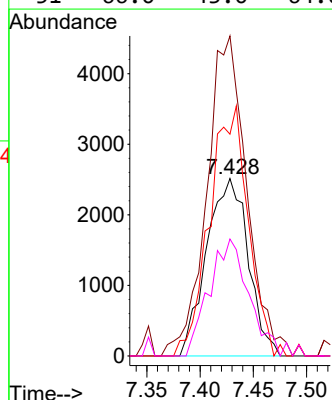
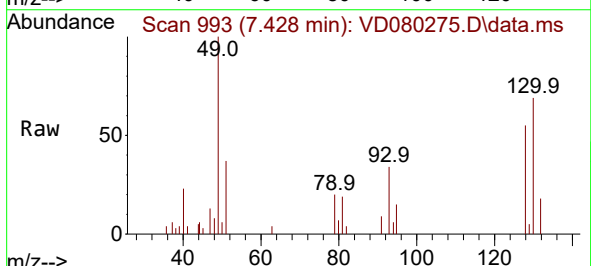
Instrument :
MSVOA_D
ClientSampleId :

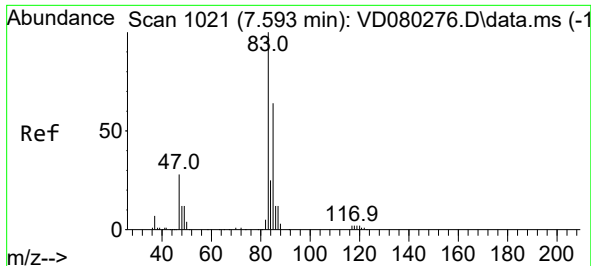
Tgt Ion: 43 Resp: 7283
Ion Ratio Lower Upper
43 100
72 18.5 0.1 0.3#



#23
Bromochloromethane
Concen: 5.02 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion:128 Resp: 6827
Ion Ratio Lower Upper
128 100
49 180.4 112.6 209.0
130 125.0 89.7 166.5
51 66.0 43.0 64.6#

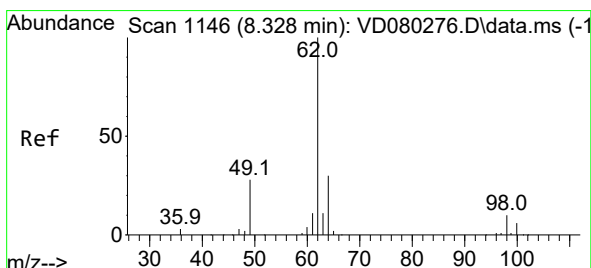
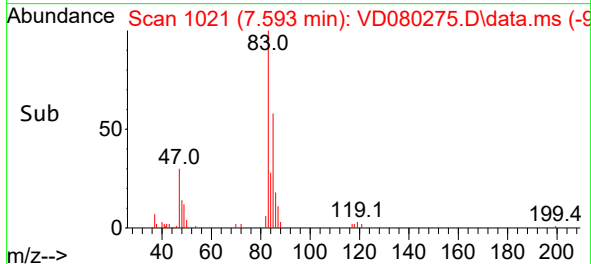
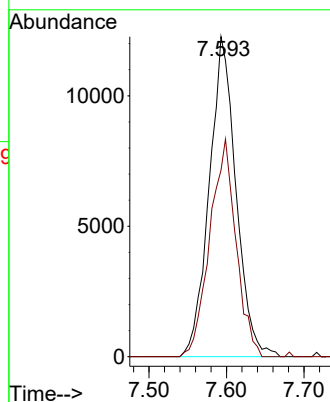
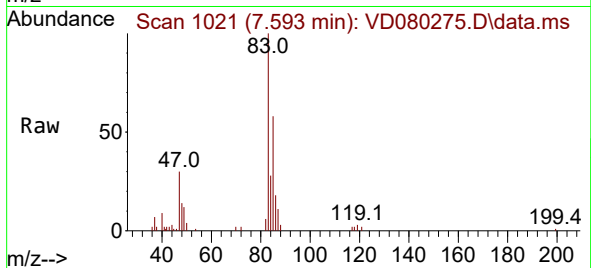




#25
Chloroform
Concen: 5.31 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

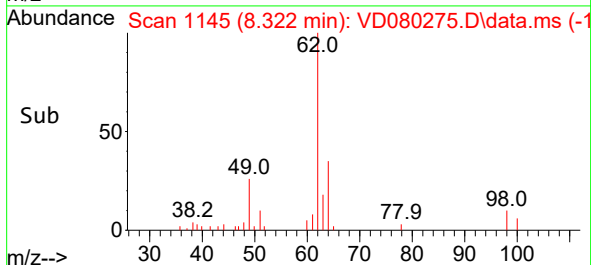
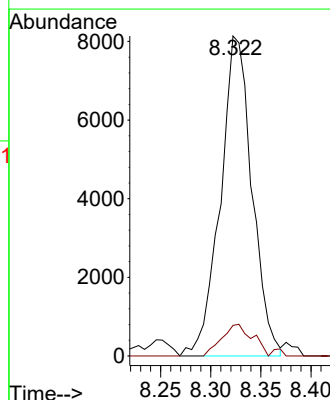
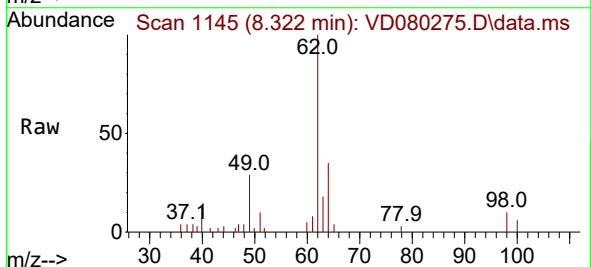
Instrument :
MSVOA_D
ClientSampleId :

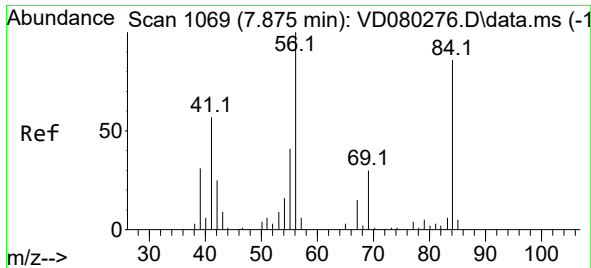
Tgt Ion: 83 Resp: 29446
Ion Ratio Lower Upper
83 100
85 58.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 5.16 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion: 62 Resp: 17864
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.2

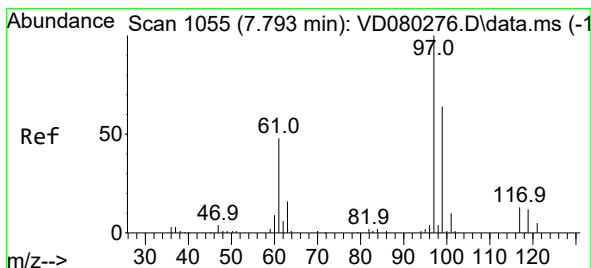
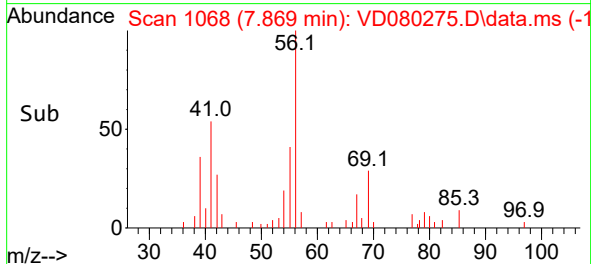
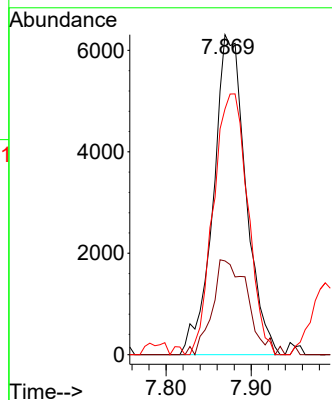
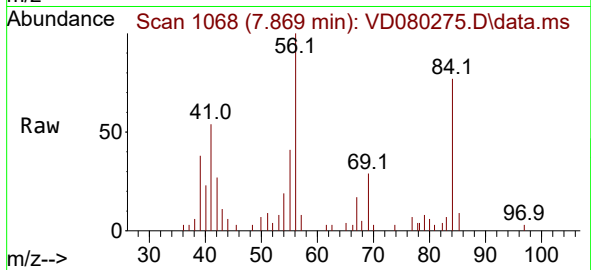




#29
Cyclohexane
Concen: 4.36 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

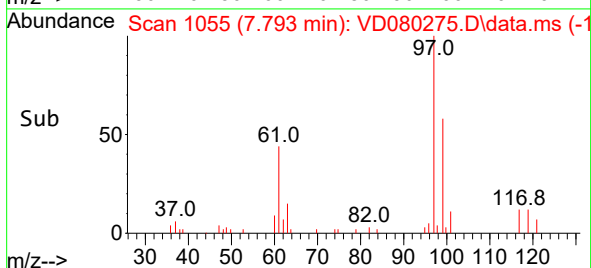
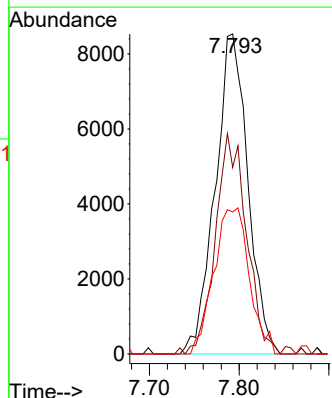
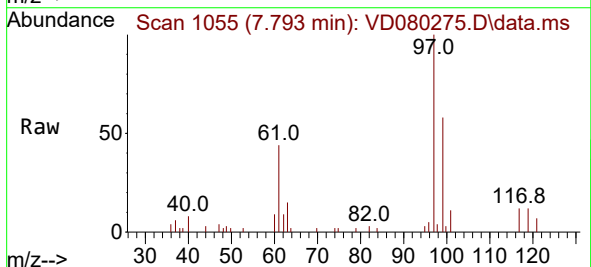
Instrument :
MSVOA_D
ClientSampleId :

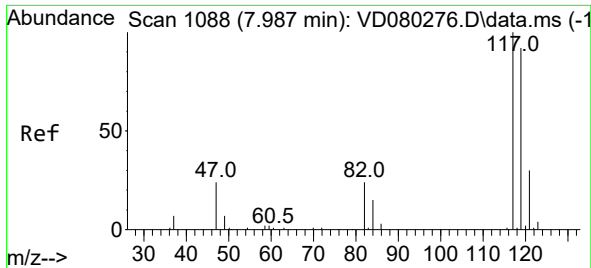
Tgt Ion: 56 Resp: 16714
Ion Ratio Lower Upper
56 100
69 20.4 24.6 37.0#
84 86.1 71.4 107.2



#30
1,1,1-Trichloroethane
Concen: 5.05 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion: 97 Resp: 21593
Ion Ratio Lower Upper
97 100
99 65.2 51.9 77.9
61 49.6 36.7 55.1

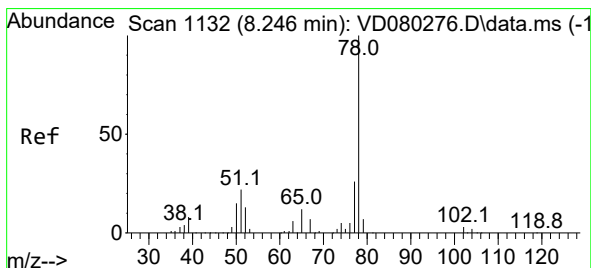
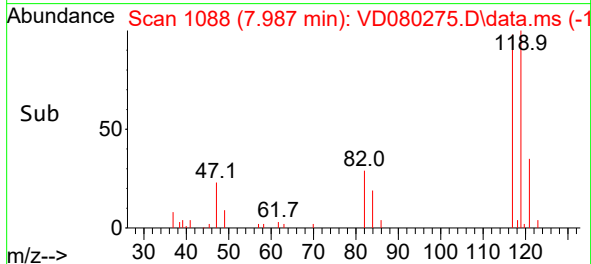
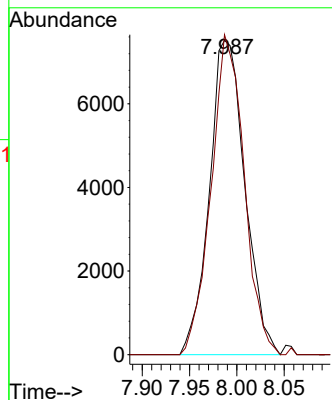
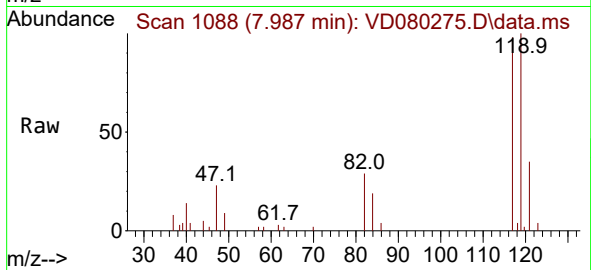




#31
Carbon tetrachloride
Concen: 5.22 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

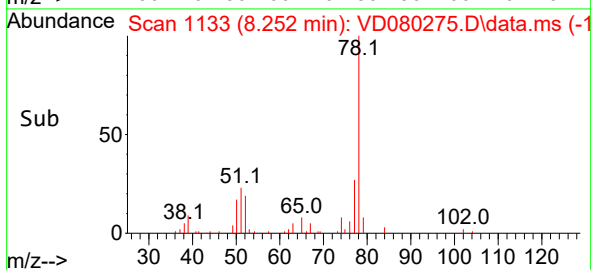
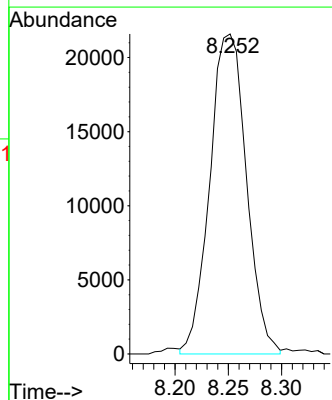
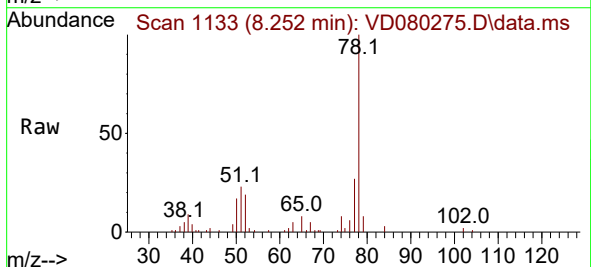
Instrument :
MSVOA_D
ClientSampleId :

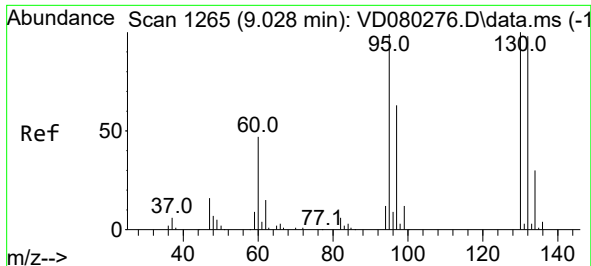
Tgt Ion:117 Resp: 19593
Ion Ratio Lower Upper
117 100
119 94.6 76.0 114.0



#33
Benzene
Concen: 4.89 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

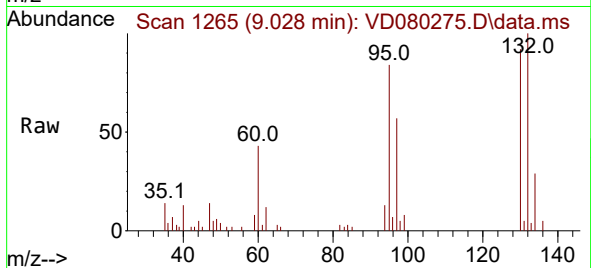
Tgt Ion: 78 Resp: 51665





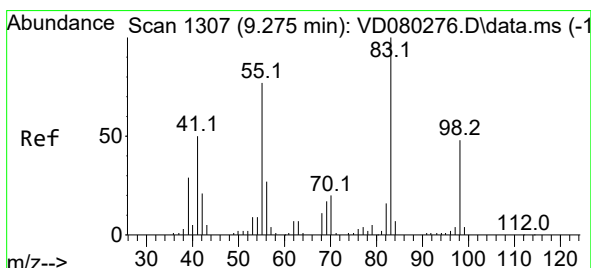
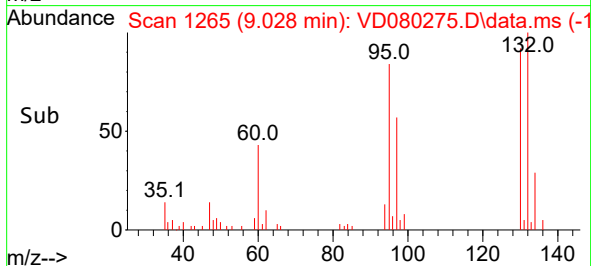
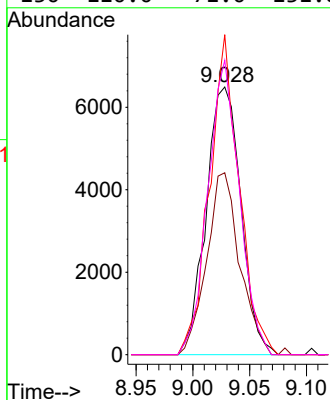
#34
 Trichloroethene
 Concen: 4.91 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 13852

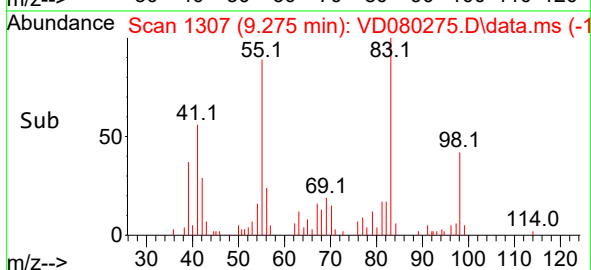
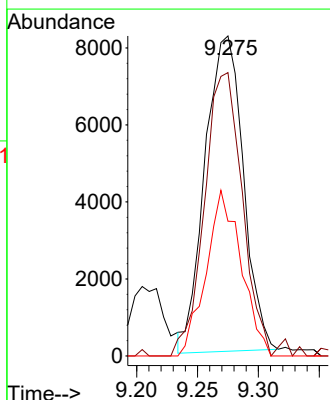
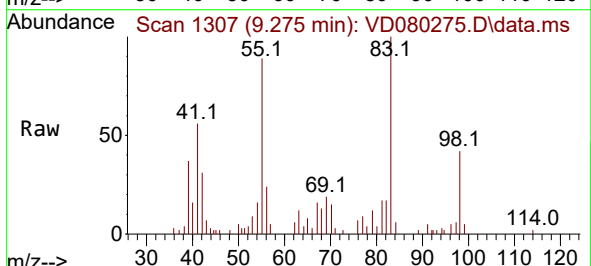
Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.1	83.7
132	119.6	69.5	129.1
130	110.0	71.0	131.8

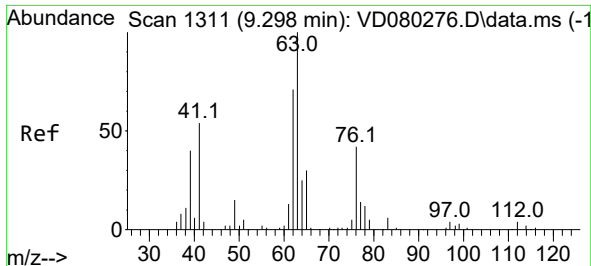


#35
 Methylcyclohexane
 Concen: 4.44 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

Tgt Ion: 83 Resp: 17935

Ion	Ratio	Lower	Upper
83	100		
55	88.5	65.0	97.6
98	48.0	39.0	58.6

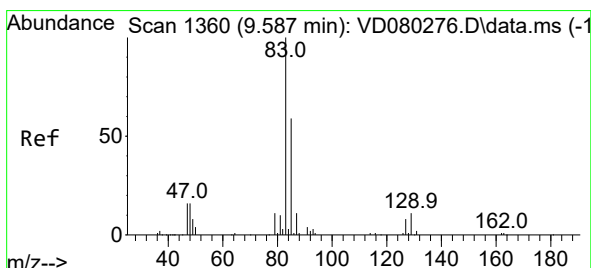
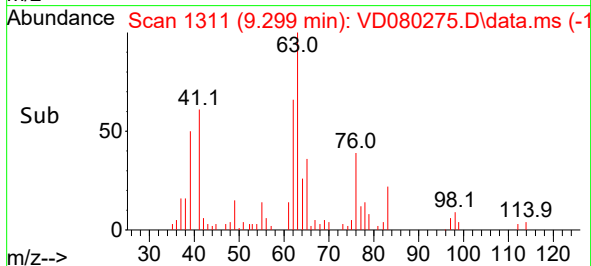
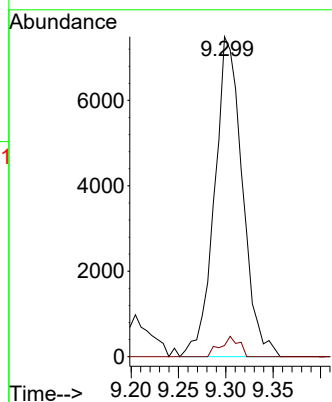
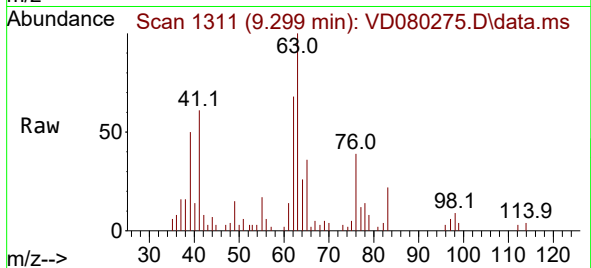




#37
1,2-Dichloropropane
Concen: 4.99 ug/L
RT: 9.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

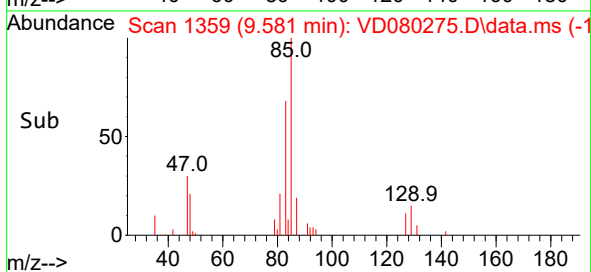
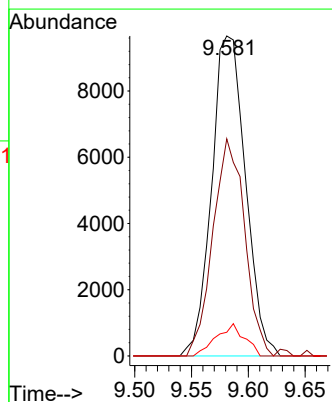
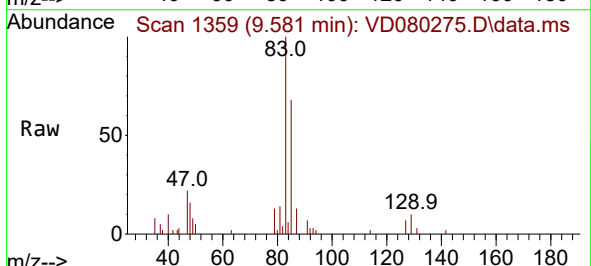
Instrument :
MSVOA_D
ClientSampleId :

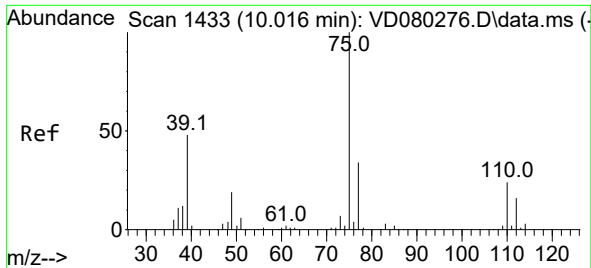
Tgt Ion: 63 Resp: 15308
Ion Ratio Lower Upper
63 100
112 3.2 3.4 5.2#



#38
Bromodichloromethane
Concen: 5.14 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion: 83 Resp: 20004
Ion Ratio Lower Upper
83 100
85 67.8 41.4 77.0
127 7.4 6.6 10.0

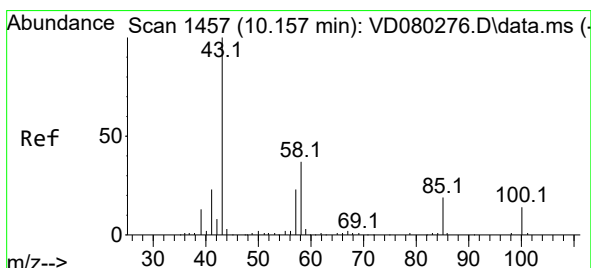
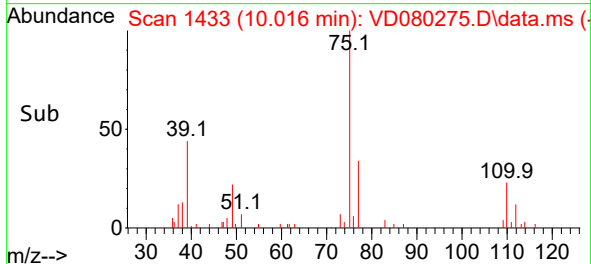
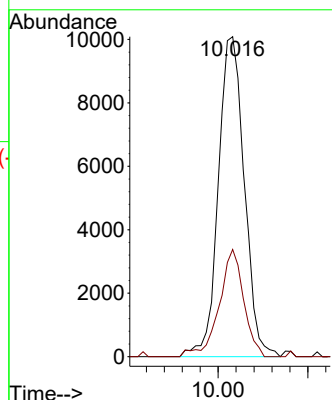
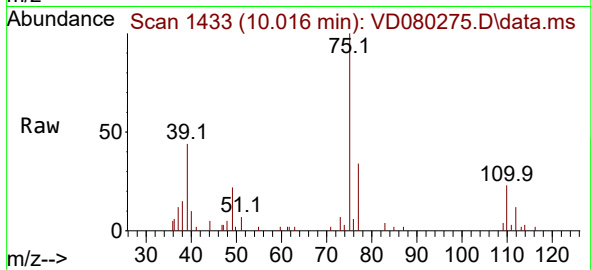




#39
 cis-1,3-Dichloropropene
 Concen: 4.56 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

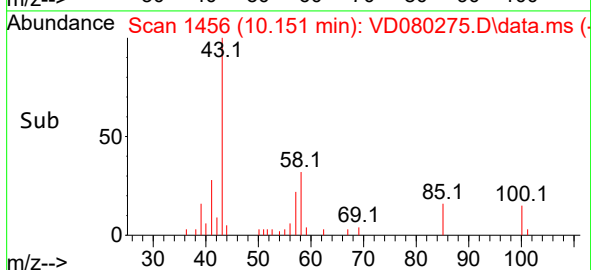
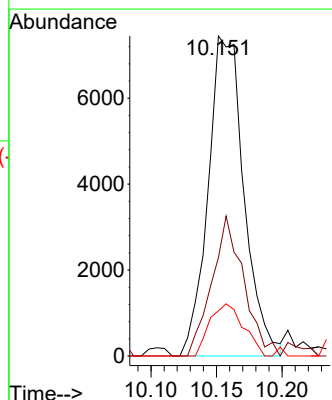
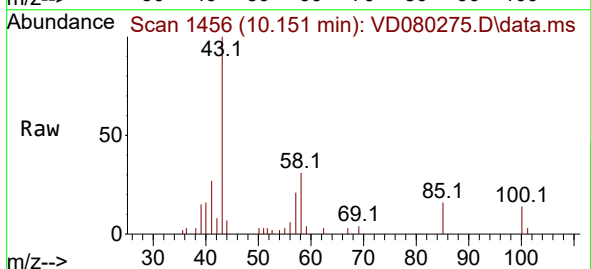
Instrument :
 MSVOA_D
 ClientSampleId :

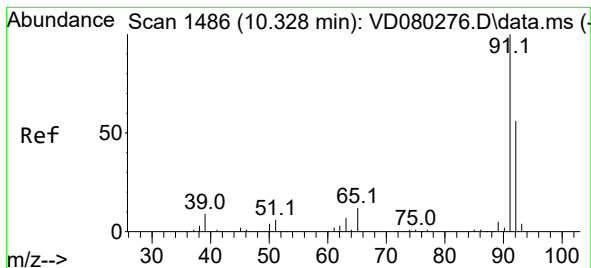
Tgt Ion: 75 Resp: 20286
 Ion Ratio Lower Upper
 75 100
 77 33.5 23.7 43.9



#40
 4-Methyl-2-pentanone
 Concen: 8.73 ug/L
 RT: 10.151 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

Tgt Ion: 43 Resp: 14174
 Ion Ratio Lower Upper
 43 100
 58 38.8 29.9 44.9
 100 15.4 11.3 16.9





#42

Toluene

Concen: 4.57 ug/L

RT: 10.334 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

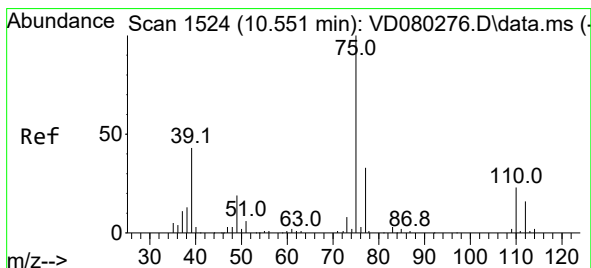
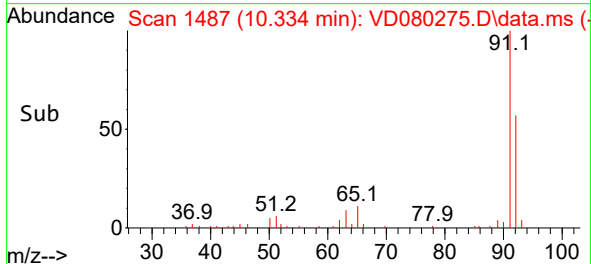
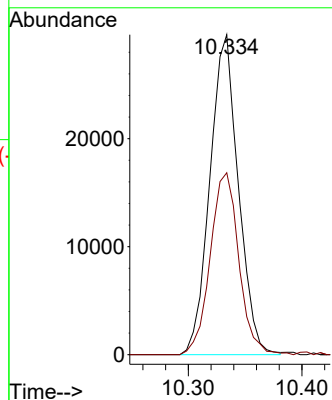
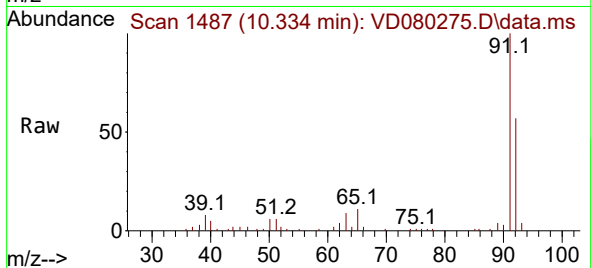
ClientSampleId :

Tgt Ion: 91 Resp: 51590

Ion Ratio Lower Upper

91 100

92 56.8 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 4.79 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080275.D

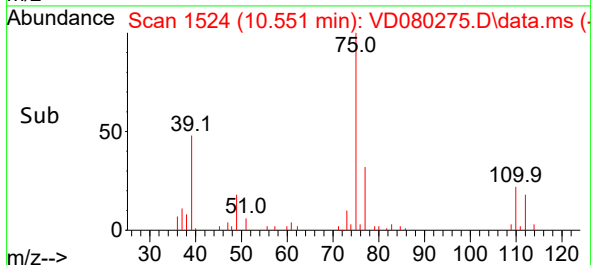
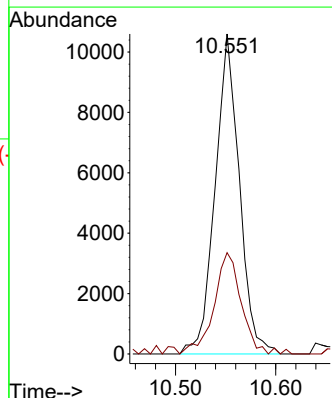
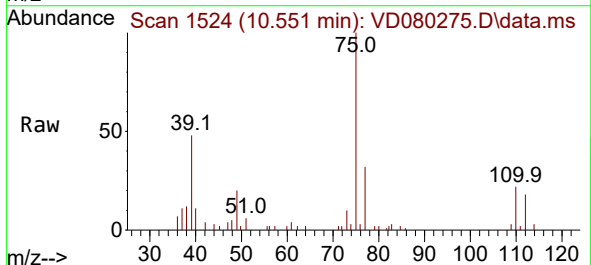
Acq: 18 Mar 2025 11:03

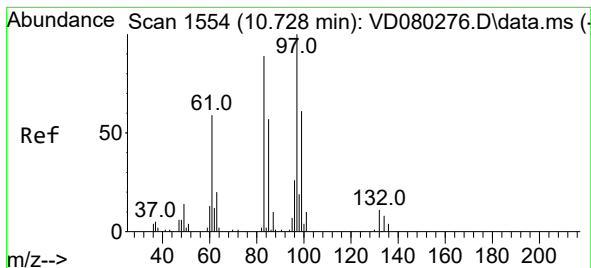
Tgt Ion: 75 Resp: 17794

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 5.21 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 11971

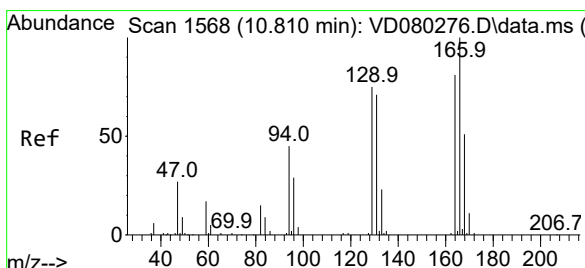
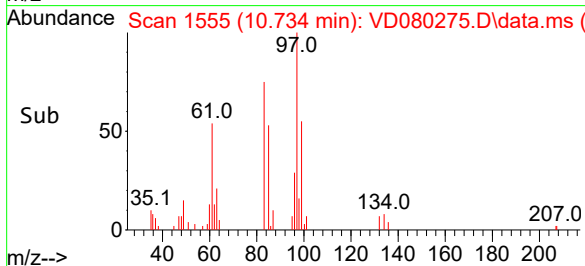
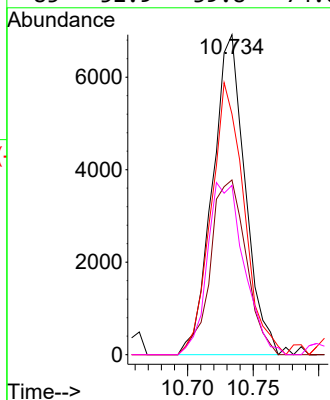
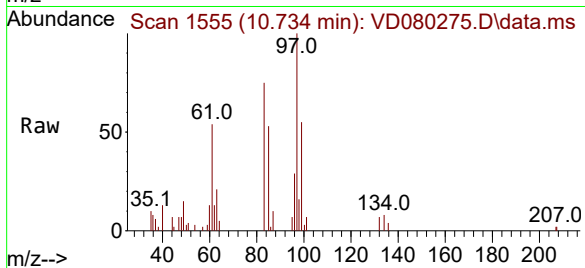
Ion Ratio Lower Upper

97 100

99 54.6 43.0 79.8

83 75.2 62.2 115.4

85 52.9 39.8 74.0



#46

Tetrachloroethene

Concen: 4.92 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Tgt Ion: 164 Resp: 10793

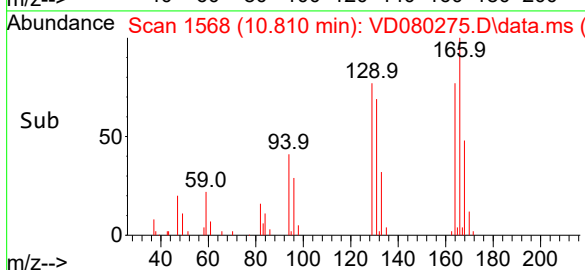
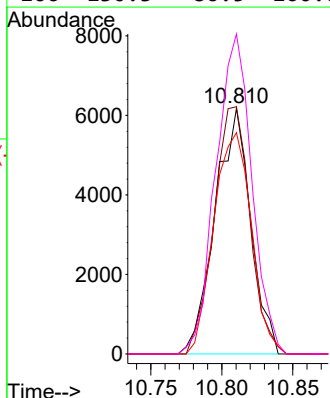
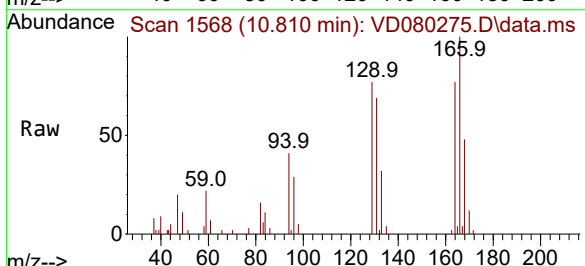
Ion Ratio Lower Upper

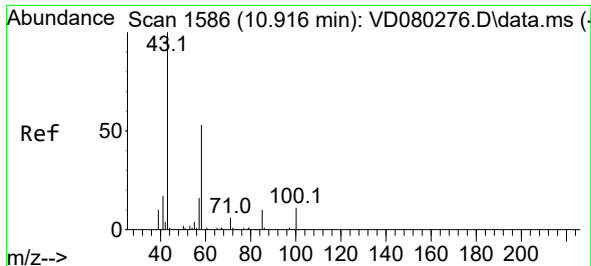
164 100

129 100.6 64.9 120.5

131 90.1 61.5 114.3

166 130.3 86.5 160.7





#48

2-Hexanone

Concen: 8.58 ug/L

RT: 10.916 min Scan# 1

Delta R.T. 0.000 min

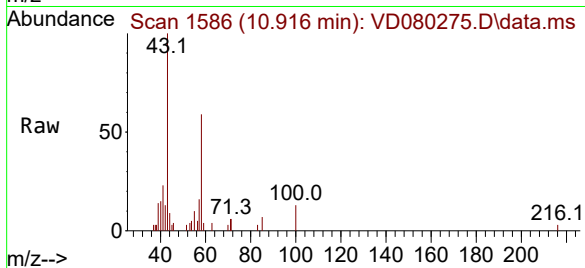
Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 10100

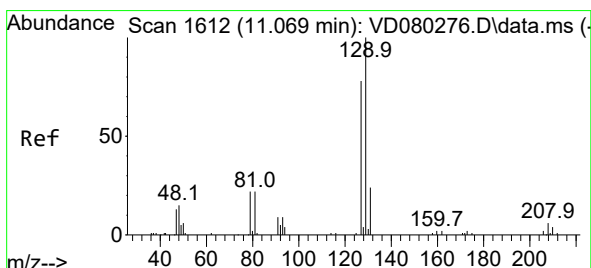
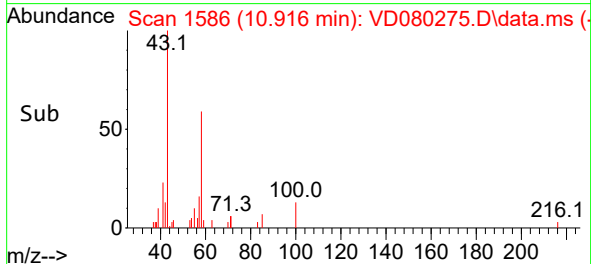
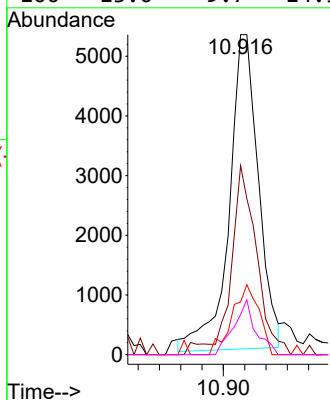
Ion Ratio Lower Upper

43 100

58 49.5 42.8 64.2

57 20.4 15.0 22.4

100 13.0 9.7 14.5



#49

Dibromochloromethane

Concen: 5.03 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD080275.D

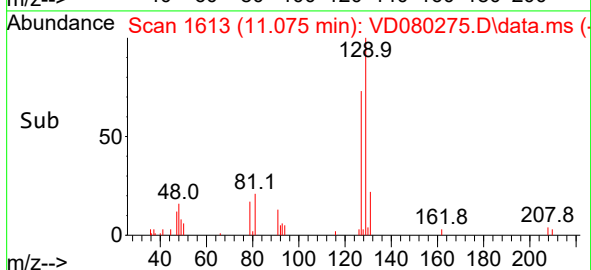
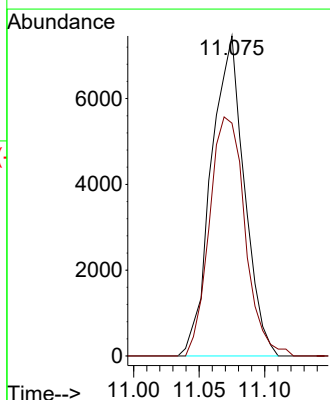
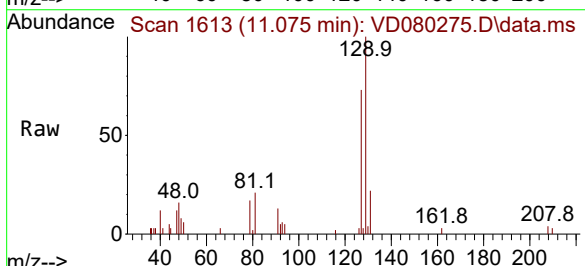
Acq: 18 Mar 2025 11:03

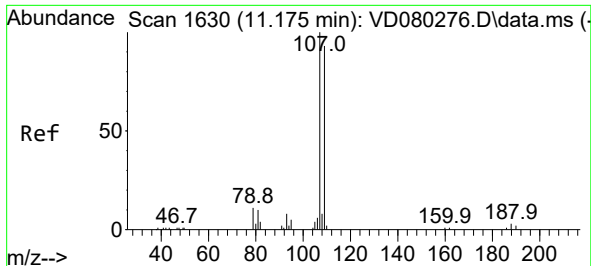
Tgt Ion:129 Resp: 13072

Ion Ratio Lower Upper

129 100

127 72.7 54.9 101.9

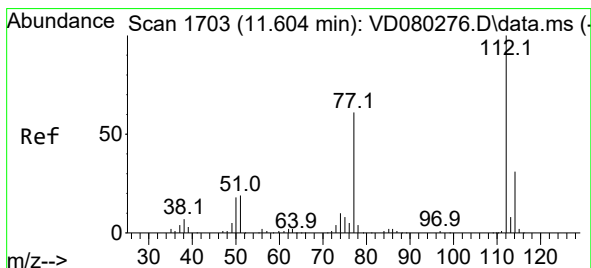
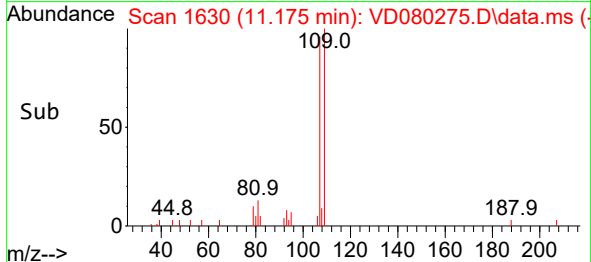
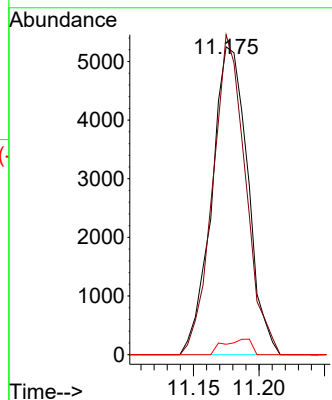
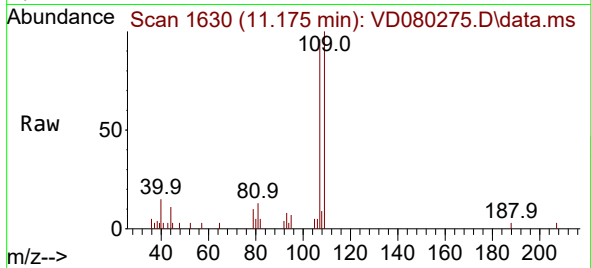




#50
1,2-Dibromoethane
Concen: 4.91 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

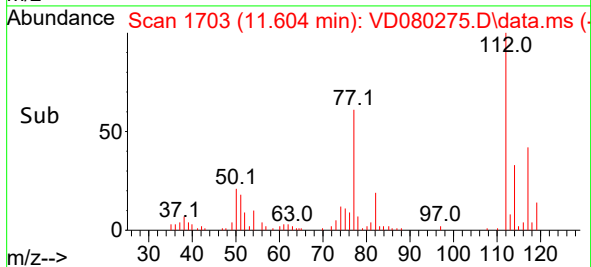
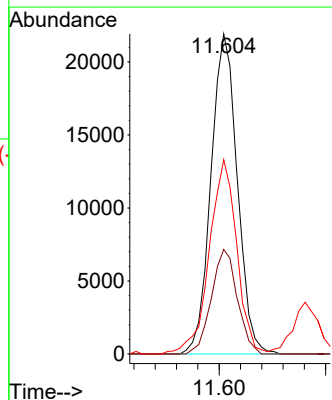
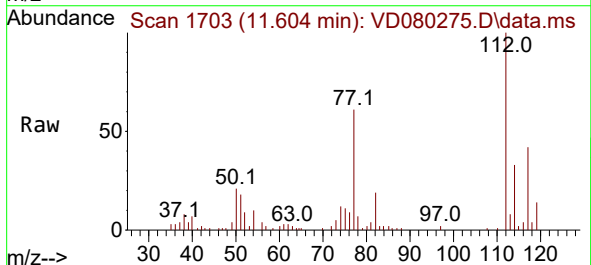
Instrument :
MSVOA_D
ClientSampleId :

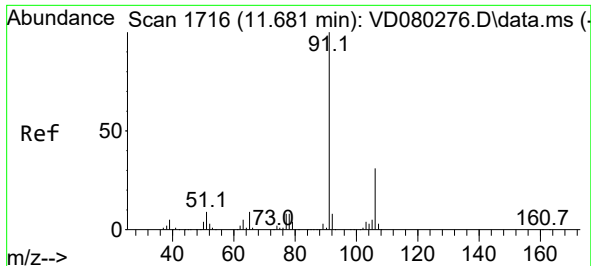
Tgt Ion:107 Resp: 9990
Ion Ratio Lower Upper
107 100
109 104.0 65.5 121.6
188 3.4 2.2 3.2#



#51
Chlorobenzene
Concen: 5.03 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion:112 Resp: 37629
Ion Ratio Lower Upper
112 100
114 32.7 21.8 40.6
77 60.7 48.8 73.2





#52

Ethylbenzene

Concen: 4.48 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

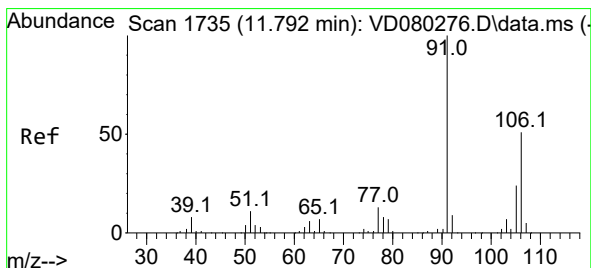
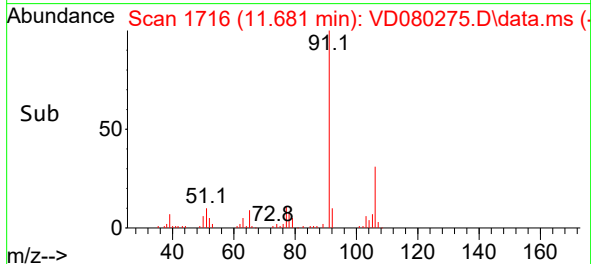
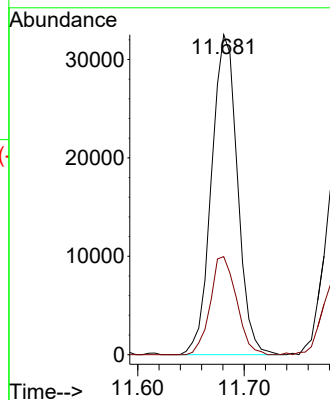
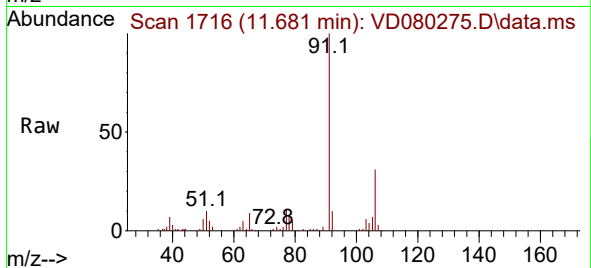
ClientSampleId :

Tgt Ion: 91 Resp: 55081

Ion Ratio Lower Upper

91 100

106 30.7 21.4 39.8



#53

m,p-Xylene

Concen: 4.46 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD080275.D

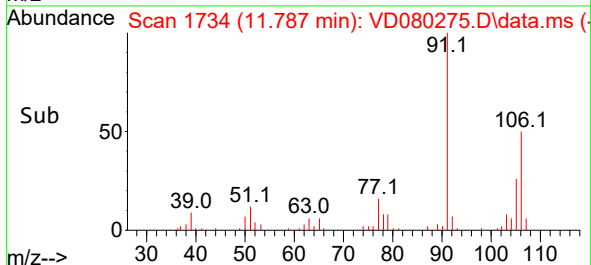
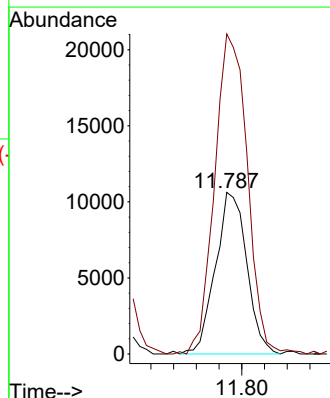
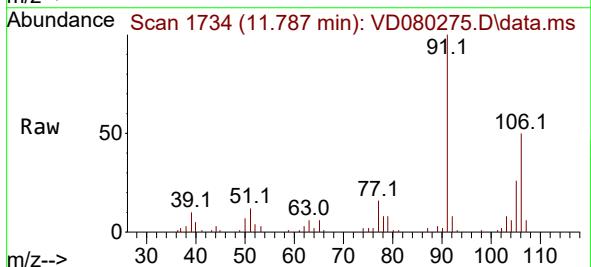
Acq: 18 Mar 2025 11:03

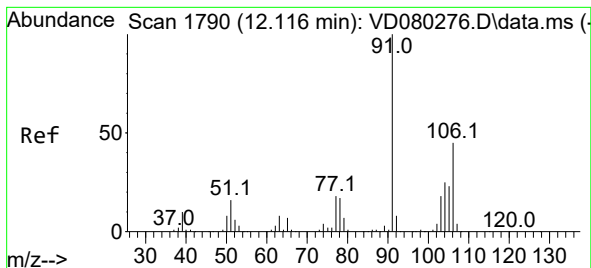
Tgt Ion:106 Resp: 20310

Ion Ratio Lower Upper

106 100

91 198.0 138.0 256.2





#54

o-Xylene

Concen: 4.24 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

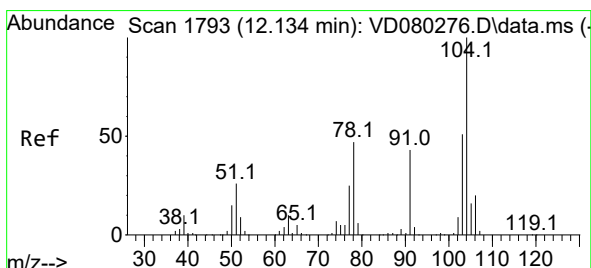
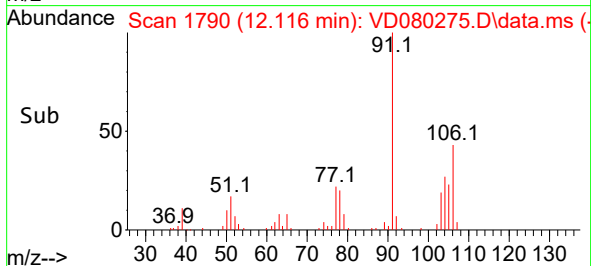
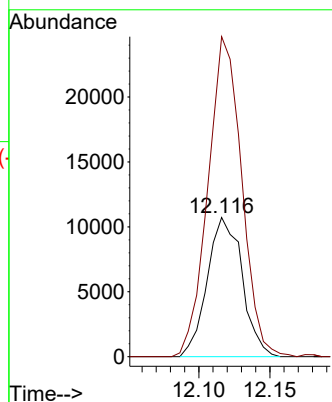
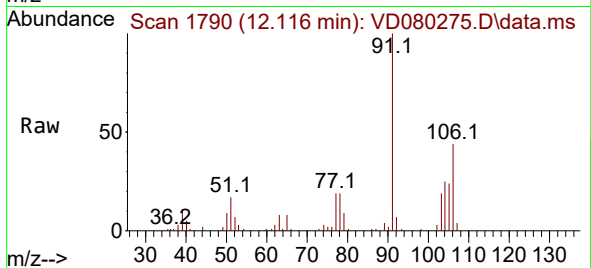
ClientSampleId :

Tgt Ion:106 Resp: 18324

Ion Ratio Lower Upper

106 100

91 229.8 156.5 290.7



#55

Styrene

Concen: 4.28 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD080275.D

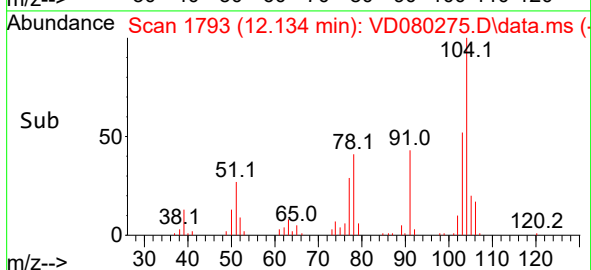
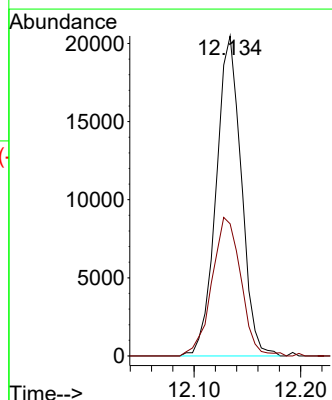
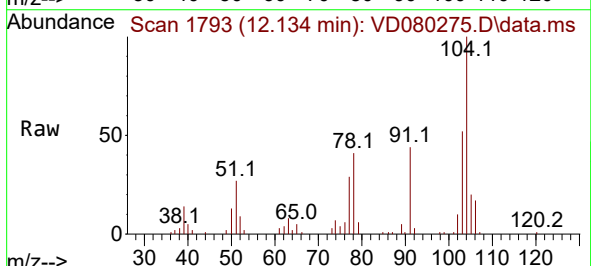
Acq: 18 Mar 2025 11:03

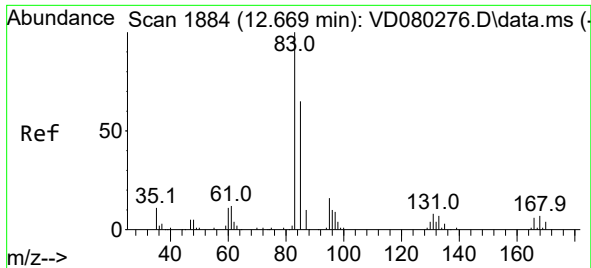
Tgt Ion:104 Resp: 33559

Ion Ratio Lower Upper

104 100

78 41.3 32.7 60.7

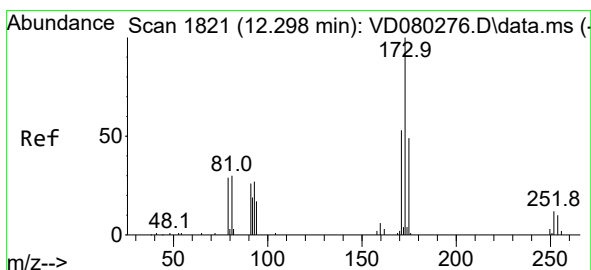
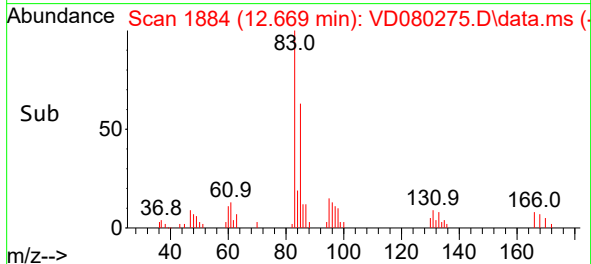
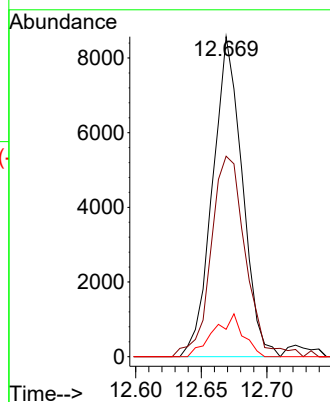
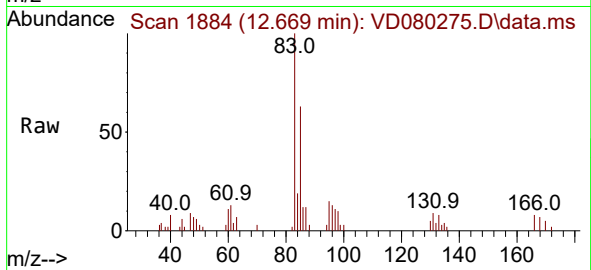




#57
1,1,2,2-Tetrachloroethane
Concen: 4.85 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

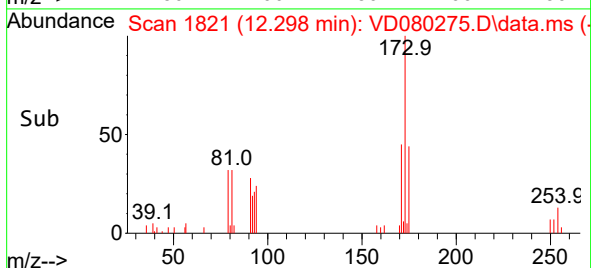
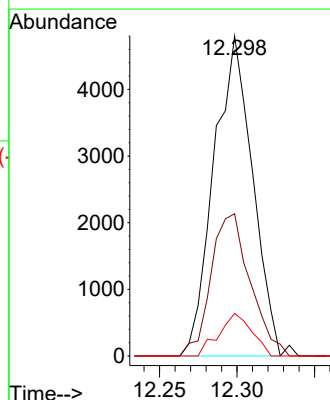
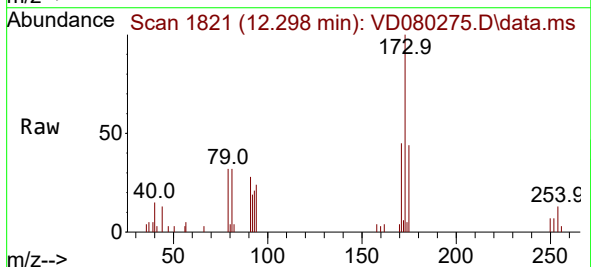
Instrument :
MSVOA_D
ClientSampleId :

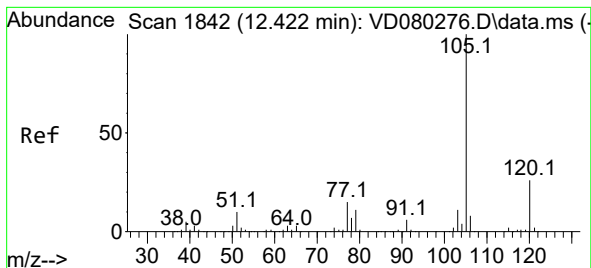
Tgt Ion: 83 Resp: 13497
Ion Ratio Lower Upper
83 100
85 62.7 46.1 85.7
131 8.5 6.9 10.3



#59
Bromoform
Concen: 5.69 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

Tgt Ion:173 Resp: 8298
Ion Ratio Lower Upper
173 100
175 45.3 38.8 58.2
254 11.3 7.8 11.6





#60

Isopropylbenzene

Concen: 4.81 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD080275.D

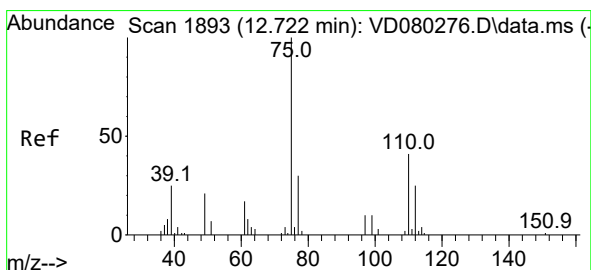
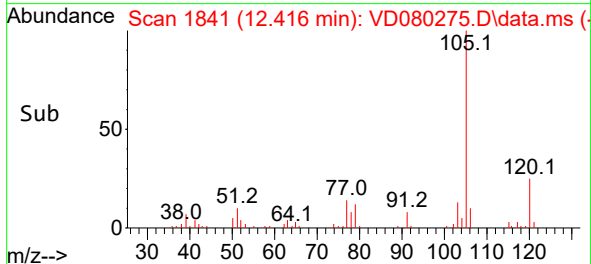
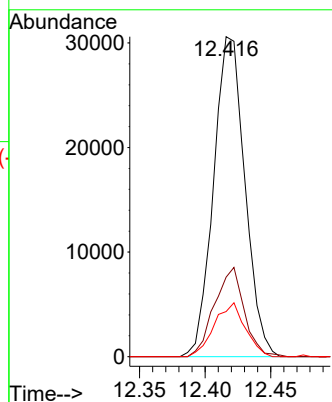
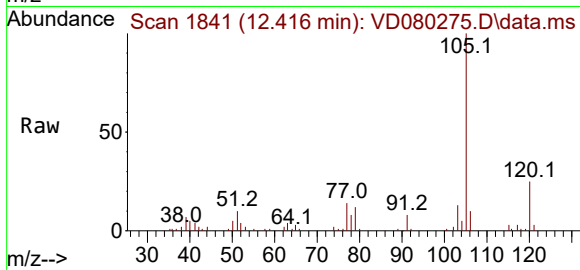
Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	50940
Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.6	31.0
77	16.6	12.5	18.7



#61

1,2,3-Trichloropropane

Concen: 5.35 ug/L

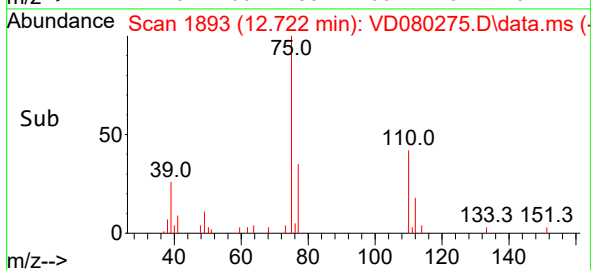
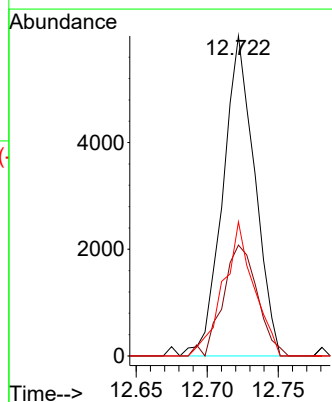
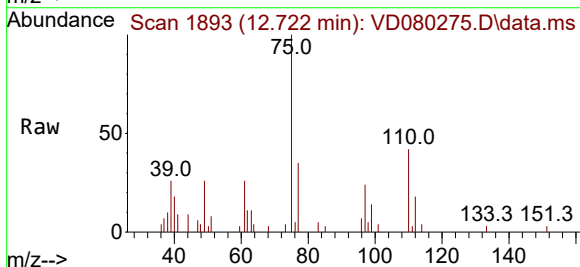
RT: 12.722 min Scan# 1893

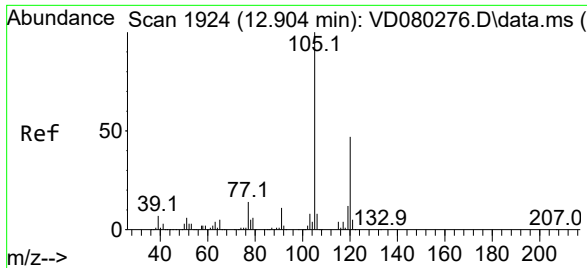
Delta R.T. 0.000 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Tgt Ion:	75	Resp:	9338
Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.5	38.3
110	40.2	30.7	46.1

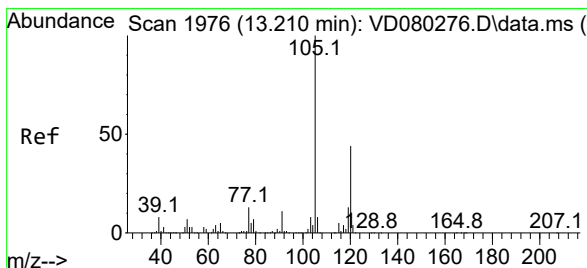
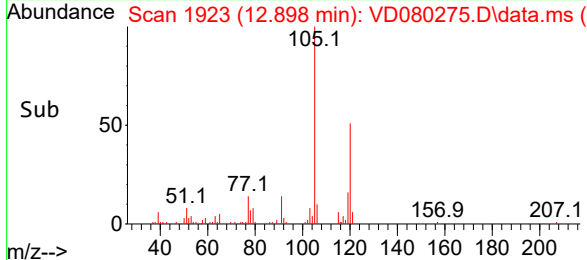
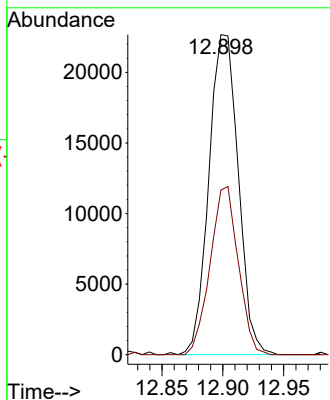
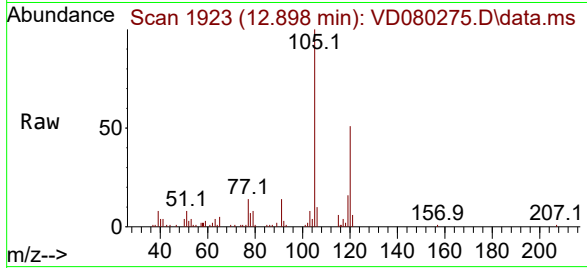




#62
 1,3,5-Trimethylbenzene
 Concen: 4.56 ug/L
 RT: 12.898 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

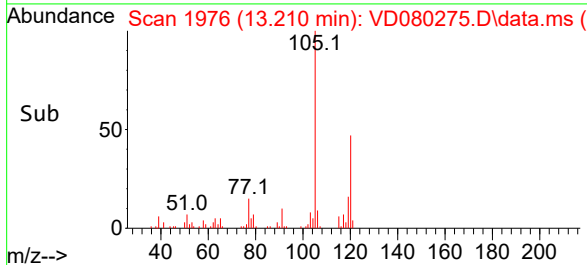
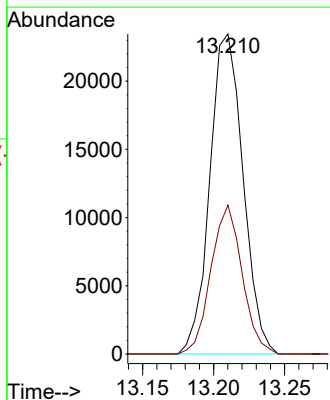
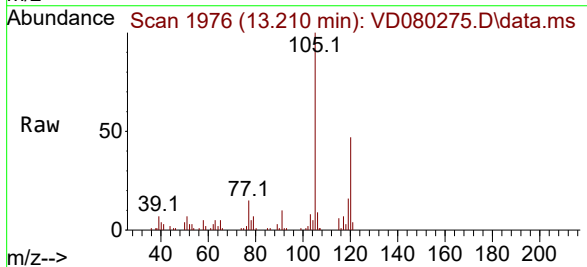
Instrument :
 MSVOA_D
 ClientSampleId :

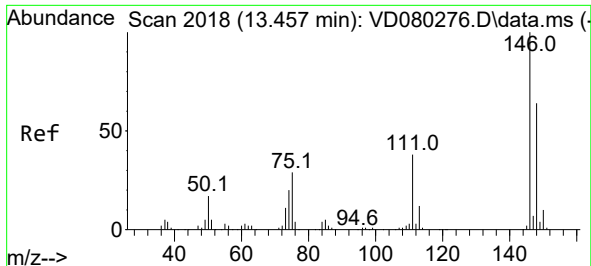
Tgt Ion:105 Resp: 38092
 Ion Ratio Lower Upper
 105 100
 120 50.2 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.50 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

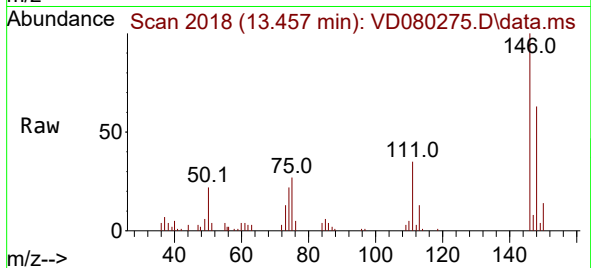
Tgt Ion:105 Resp: 38212
 Ion Ratio Lower Upper
 105 100
 120 43.5 36.2 54.4



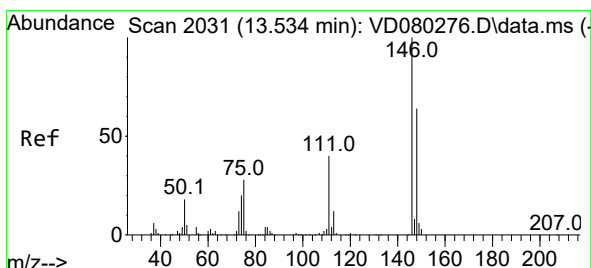
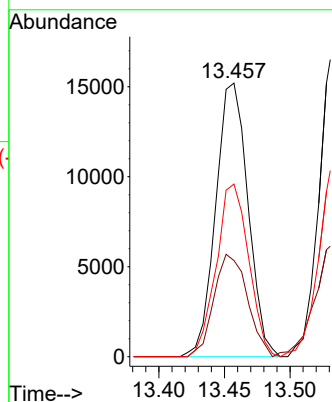
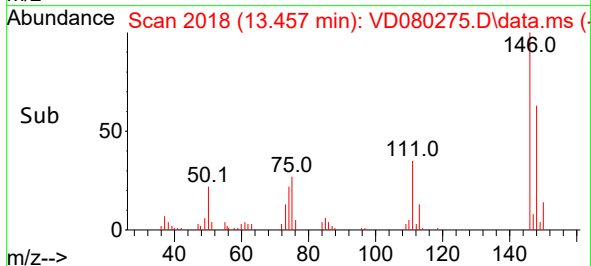


#64
1,3-Dichlorobenzene
Concen: 4.91 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

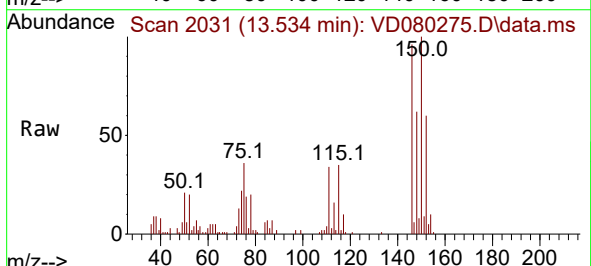
Instrument :
MSVOA_D
ClientSampleId :



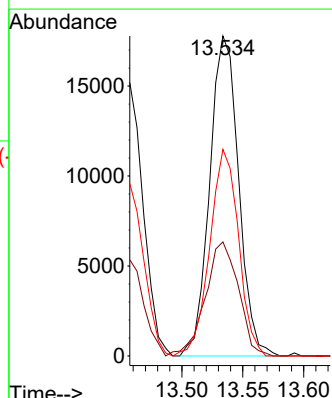
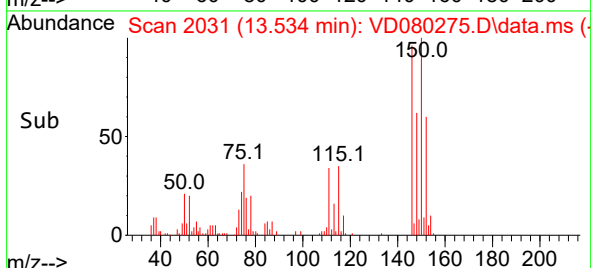
Tgt Ion:146 Resp: 26025
Ion Ratio Lower Upper
146 100
111 35.1 26.9 49.9
148 63.1 44.5 82.7

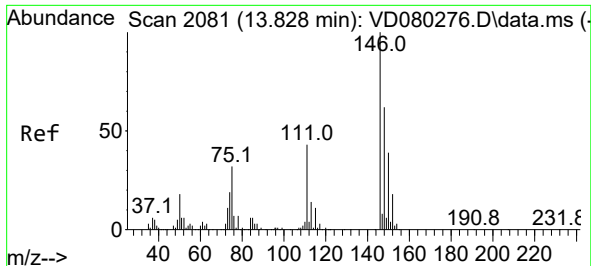


#65
1,4-Dichlorobenzene
Concen: 5.15 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03



Tgt Ion:146 Resp: 29369
Ion Ratio Lower Upper
146 100
111 35.7 27.9 51.7
148 64.5 45.1 83.9

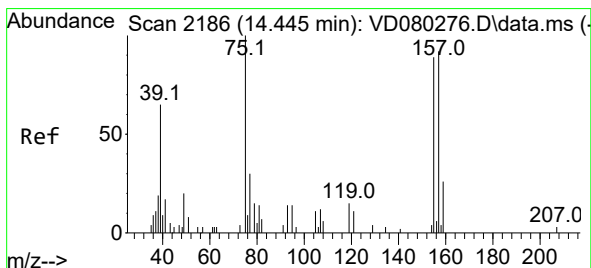
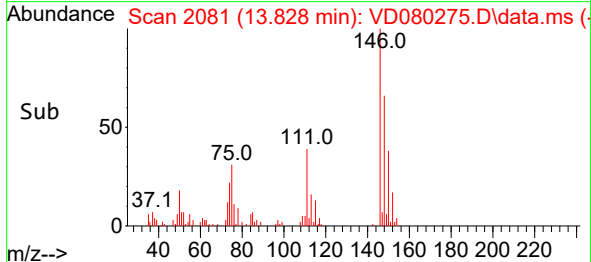
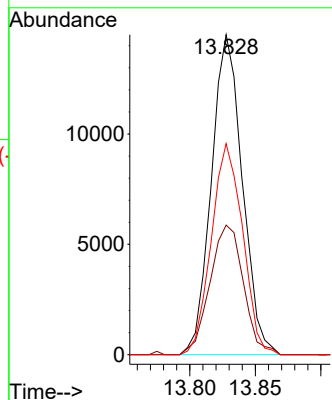
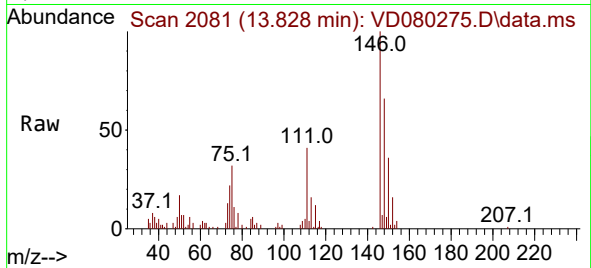




#67
1,2-Dichlorobenzene
Concen: 4.86 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

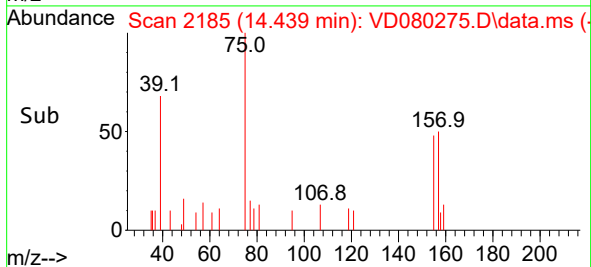
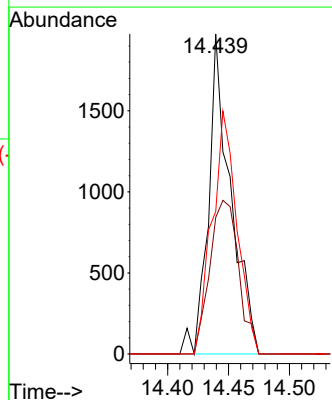
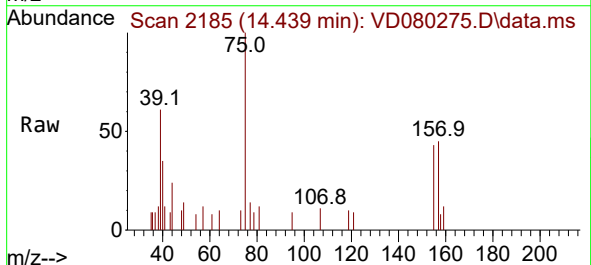
Instrument :
MSVOA_D
ClientSampleId :

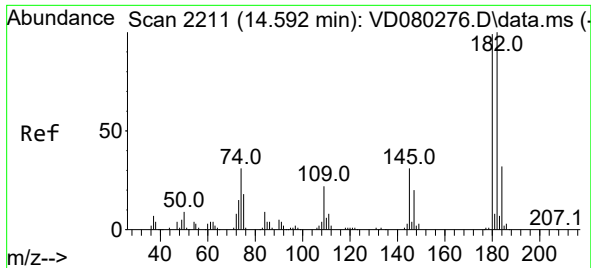
Tgt Ion:146 Resp: 23795
Ion Ratio Lower Upper
146 100
111 40.5 34.2 51.2
148 66.0 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 6.06 ug/L
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD080275.D
Acq: 18 Mar 2025 11:03

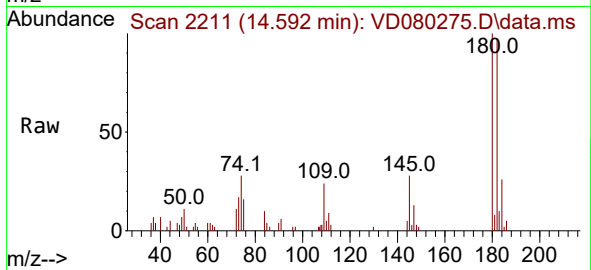
Tgt Ion: 75 Resp: 2500
Ion Ratio Lower Upper
75 100
155 42.7 71.5 107.3#
157 44.5 73.5 110.3#



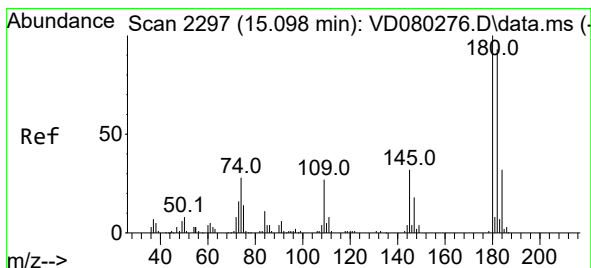
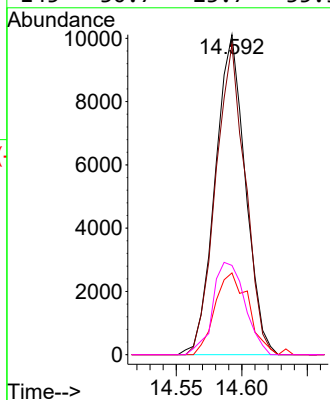
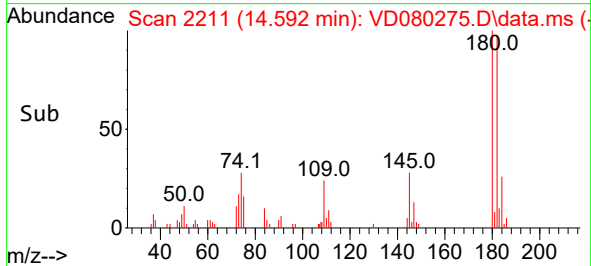


#69
 1,3,5-Trichlorobenzene
 Concen: 4.65 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03

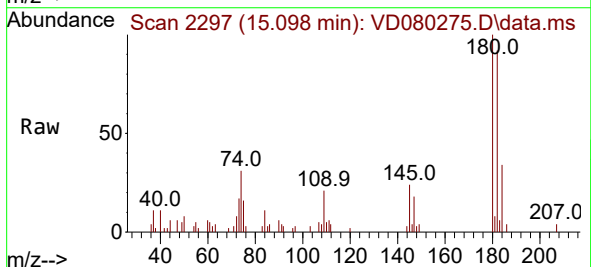
Instrument :
 MSVOA_D
 ClientSampleId :



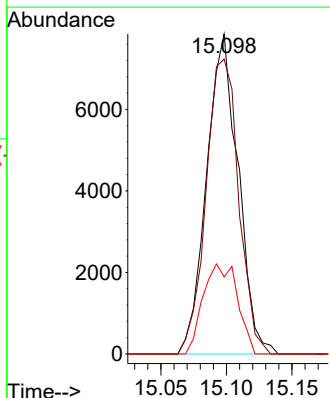
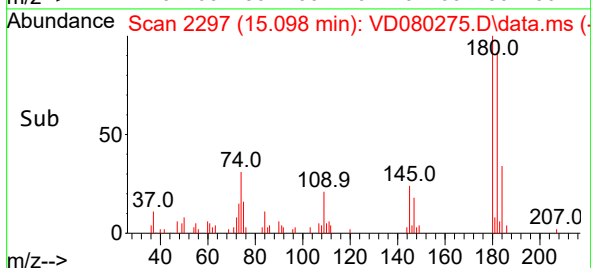
Tgt Ion:180 Resp: 16193
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.0 115.4
 184 28.4 24.0 36.0
 145 30.7 23.7 35.5

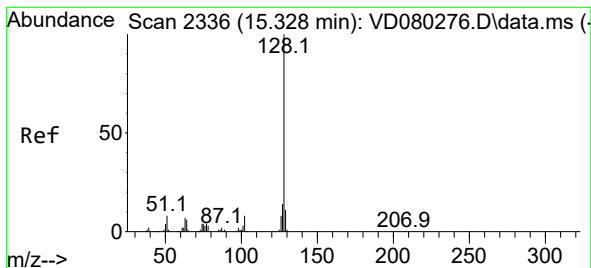


#70
 1,2,4-trichlorobenzene
 Concen: 4.53 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD080275.D
 Acq: 18 Mar 2025 11:03



Tgt Ion:180 Resp: 13147
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.0
 145 20.4 23.1 34.7#





#71

Naphthalene

Concen: 4.05 ug/L

RT: 15.328 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080275.D

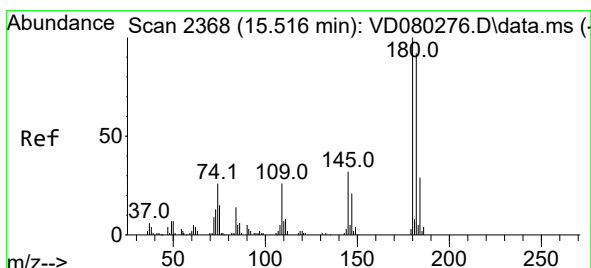
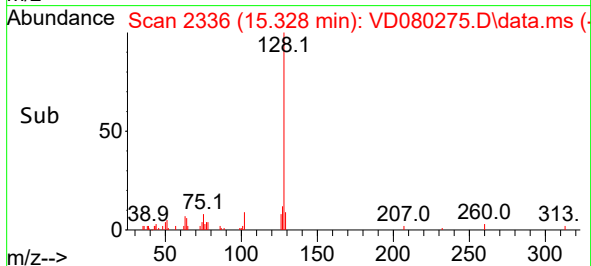
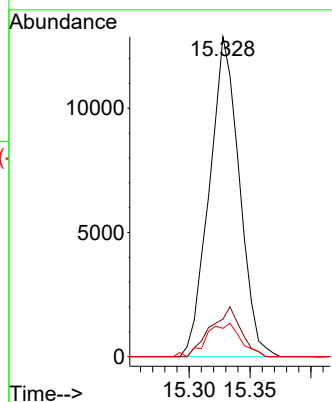
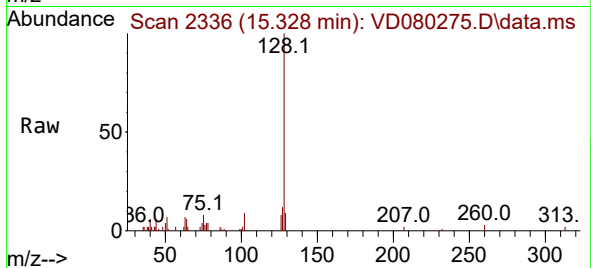
Acq: 18 Mar 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	22058
Ion Ratio	Lower	Upper	
128	100		
127	15.6	11.4	17.2
129	6.5	9.0	13.4



#72

1,2,3-Trichlorobenzene

Concen: 4.36 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD080275.D

Acq: 18 Mar 2025 11:03

Tgt Ion:	180	Resp:	11418
Ion Ratio	Lower	Upper	
180	100		
182	103.8	73.8	110.6
145	31.0	24.8	37.2

