

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080276.D
 Acq On : 18 Mar 2025 11:31
 Operator : RP/MD
 Sample : VSTD02572
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025872

Quant Time: Mar 24 09:11:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 09:08:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	141562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	140861	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85090	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	114877	24.64	ug/L	0.00
7) Chloroethane-d5	2.793	69	112100	26.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	24823	25.21	ug/L	0.00
21) 2-Butanone-d5	6.987	46	30195	60.10	ug/L	0.00
24) Chloroform-d	7.569	84	115269	26.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	63944	26.81	ug/L	0.00
32) Benzene-d6	8.199	84	221609	26.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	77811	29.30	ug/L	0.00
41) Toluene-d8	10.269	98	217580	29.28	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	29643	27.12	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	21421	55.75	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65988	27.97	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	83182	27.91	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	76759	29.17	ug/L	100
3) Chloromethane	2.152	50	125238	29.46	ug/L	100
5) Vinyl chloride	2.275	62	164101	29.68	ug/L	100
6) Bromomethane	2.687	94	81121	28.20	ug/L	100
8) Chloroethane	2.828	64	111591	29.85	ug/L	100
9) Trichlorofluoromethane	3.164	101	121837	29.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	71736	29.46	ug/L	100
12) 1,1-Dichloroethene	3.934	96	61851	29.83	ug/L	100
13) Acetone	4.028	43	33246	63.19	ug/L	100
14) Carbon disulfide	4.263	76	235153	30.62	ug/L	100
15) Methyl Acetate	4.563	43	33550	28.55	ug/L	100
16) Methylene chloride	4.793	84	71607	25.82	ug/L	100
17) trans-1,2-Dichloroethene	5.310	96	60262	26.87	ug/L	100
18) Methyl tert-butyl Ether	5.328	73	126813	26.92	ug/L	100
19) 1,1-Dichloroethane	6.110	63	131091	29.44	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	76768	31.75	ug/L	100
22) 2-Butanone	7.081	43	44045	64.69	ug/L	100
23) Bromochloromethane	7.422	128	33837	29.30	ug/L	100
25) Chloroform	7.593	83	131178	27.82	ug/L	100
27) 1,2-Dichloroethane	8.328	62	81753	27.77	ug/L	100
29) Cyclohexane	7.875	56	91987	27.74	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	103244	27.89	ug/L	100
31) Carbon tetrachloride	7.987	117	90885	27.97	ug/L	100
33) Benzene	8.246	78	265576	29.02	ug/L	100
34) Trichloroethene	9.028	95	71383	29.21	ug/L	100
35) Methylcyclohexane	9.275	83	108956	31.47	ug/L	100
37) 1,2-Dichloropropane	9.298	63	86970	32.75	ug/L	100
38) Bromodichloromethane	9.587	83	102366	30.37	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	121816	31.65	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	90724	64.57	ug/L	100
42) Toluene	10.328	91	297125	30.40	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	95305	29.66	ug/L	100

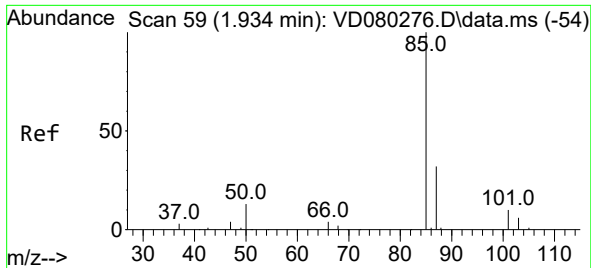
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
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Quant Time: Mar 24 09:11:17 2025
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 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 09:08:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	56724	28.53	ug/L	100
46) Tetrachloroethene	10.810	164	54679	28.79	ug/L	100
48) 2-Hexanone	10.916	43	57985	58.09	ug/L	100
49) Dibromochloromethane	11.069	129	64776	28.82	ug/L	100
50) 1,2-Dibromoethane	11.175	107	52392	29.74	ug/L	100
51) Chlorobenzene	11.604	112	184757	28.53	ug/L	100
52) Ethylbenzene	11.681	91	309941	29.11	ug/L	100
53) m,p-Xylene	11.792	106	121165	30.75	ug/L	100
54) o-Xylene	12.116	106	113532	30.36	ug/L	100
55) Styrene	12.134	104	213929	31.56	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	69277	28.77	ug/L	100
59) Bromoform	12.298	173	41563	26.37	ug/L	100
60) Isopropylbenzene	12.422	105	304239	26.56	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	47658	25.28	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	238765	26.45	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	254139	27.71	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	161759	28.26	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	165857	26.91	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	149428	28.24	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	10899	24.43	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	97561	25.91	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	78998	25.18	ug/L	100
71) Naphthalene	15.328	128	152387	25.86	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	77583	27.40	ug/L	100

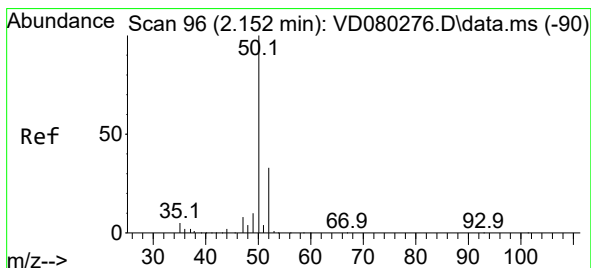
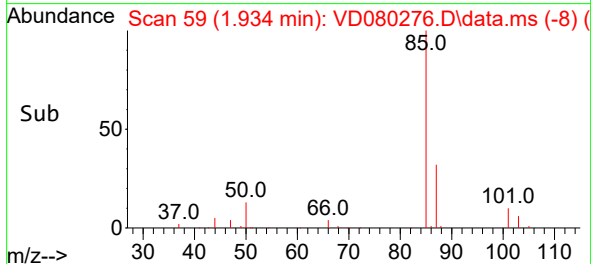
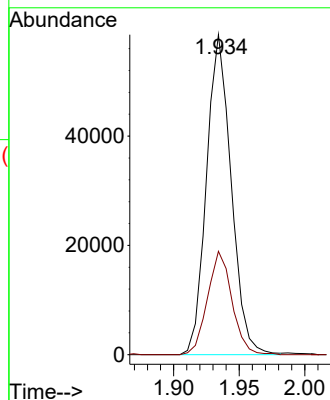
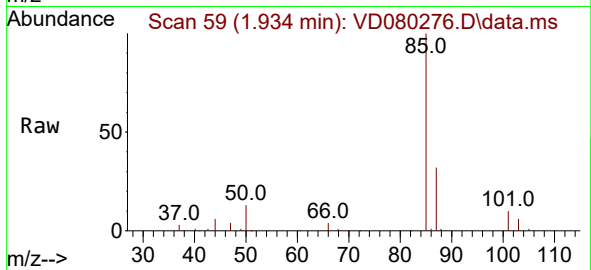
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 29.17 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

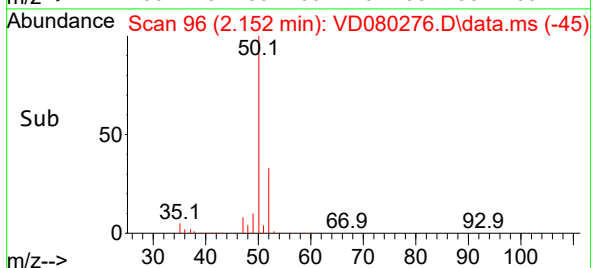
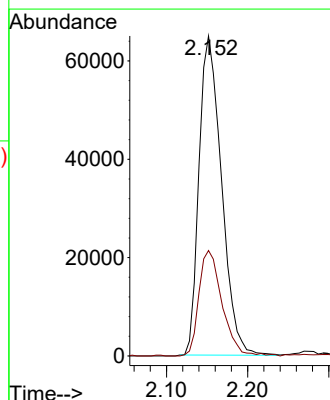
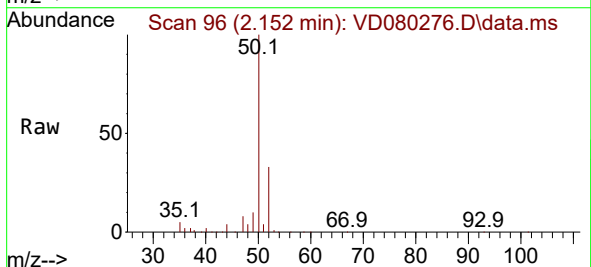
Instrument :
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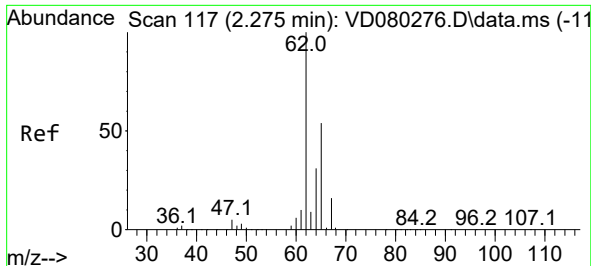
Tgt Ion: 85 Resp: 76759
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 29.46 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

Tgt Ion: 50 Resp: 125238
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

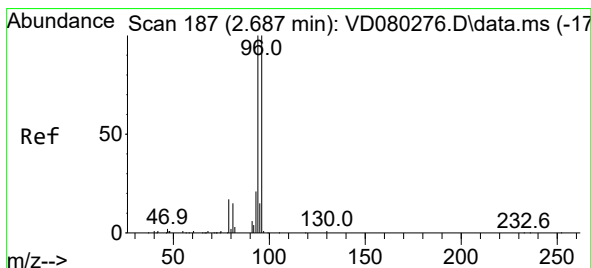
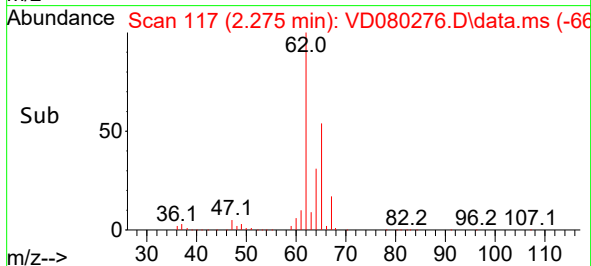
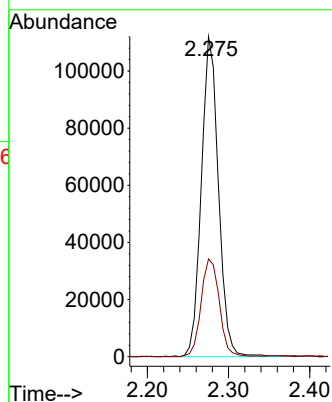
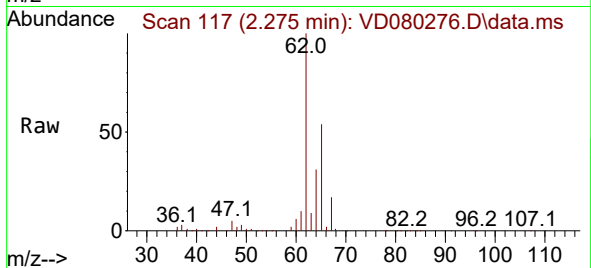




#5
 Vinyl chloride
 Concen: 29.68 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

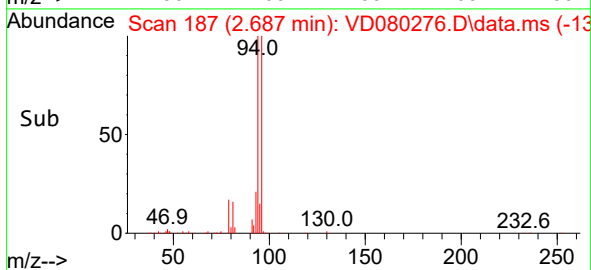
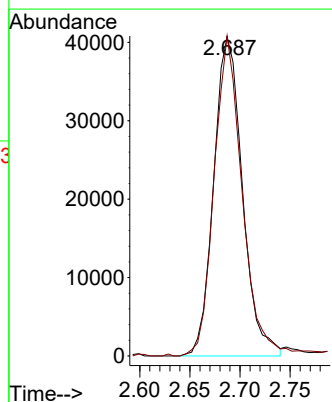
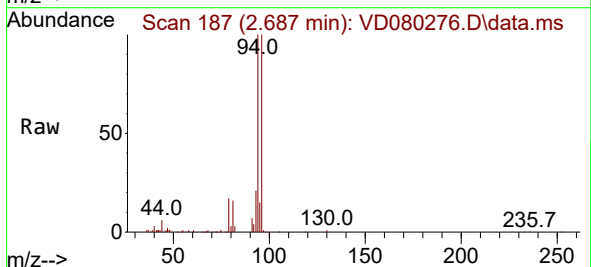
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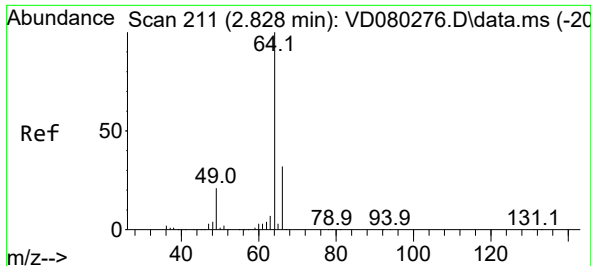
Tgt Ion: 62 Resp: 164101
 Ion Ratio Lower Upper
 62 100
 64 30.5 21.3 39.6



#6
 Bromomethane
 Concen: 28.20 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

Tgt Ion: 94 Resp: 81121
 Ion Ratio Lower Upper
 94 100
 96 100.4 70.3 130.5

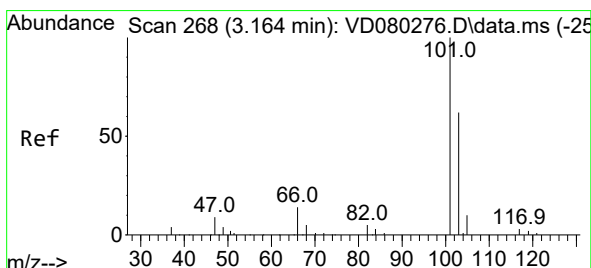
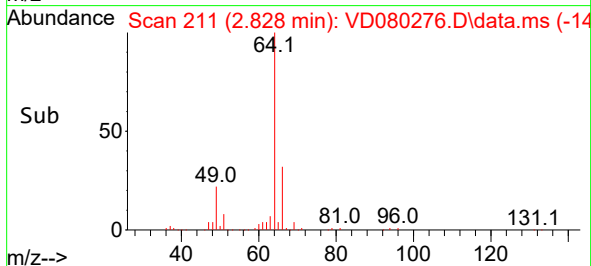
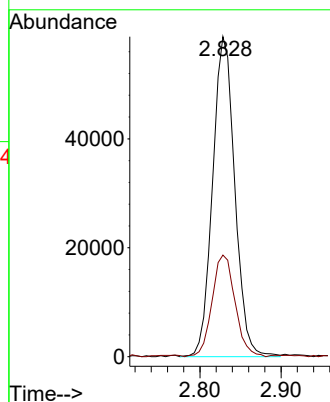
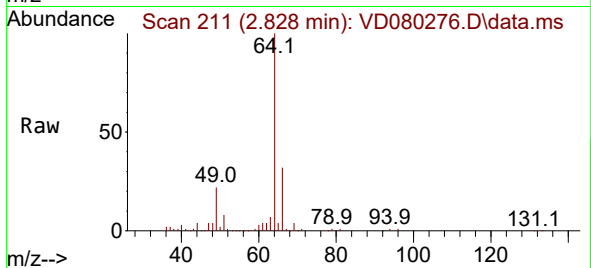




#8
Chloroethane
Concen: 29.85 ug/L
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

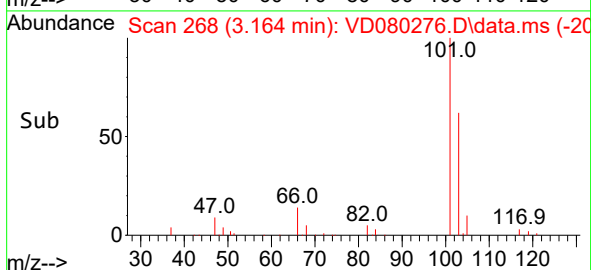
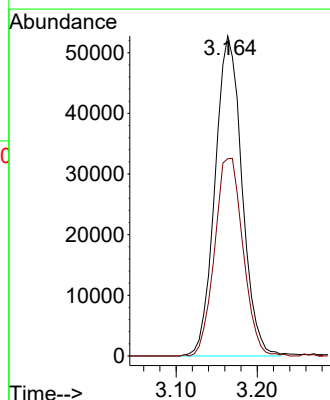
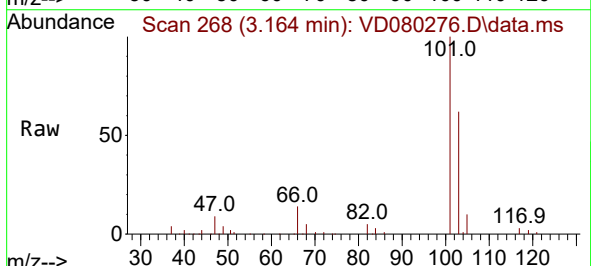
Instrument :
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ClientSampleId :
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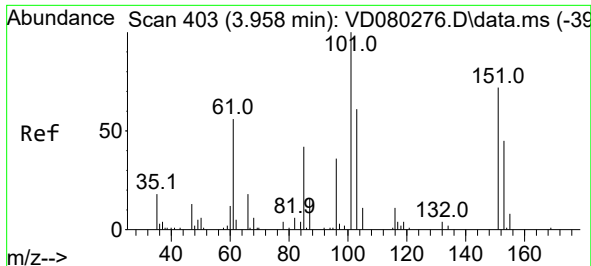
Tgt Ion: 64 Resp: 111591
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 29.54 ug/L
RT: 3.164 min Scan# 268
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion:101 Resp: 121837
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

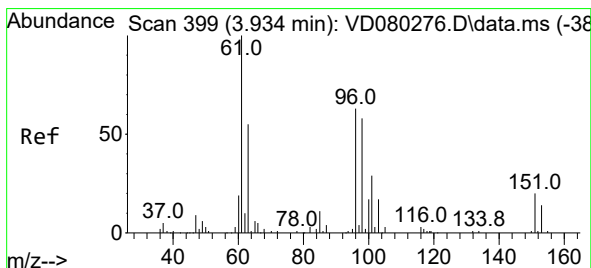
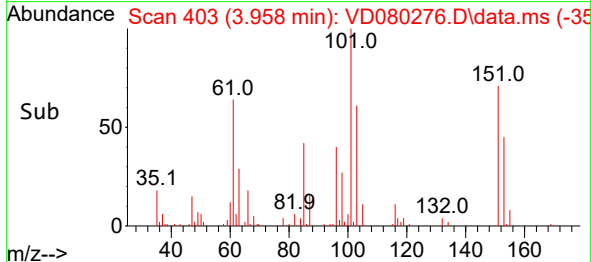
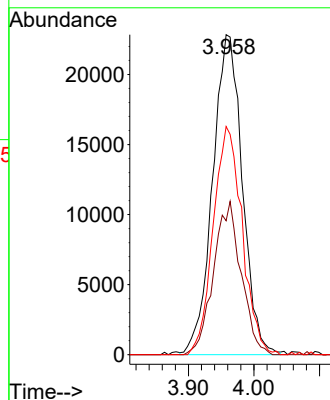
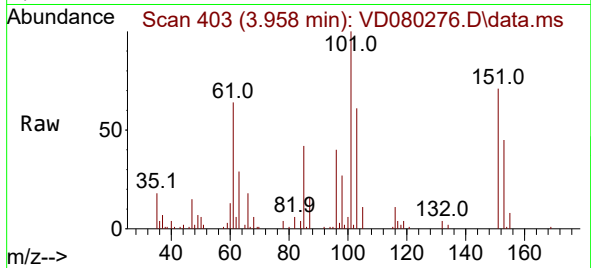




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.46 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

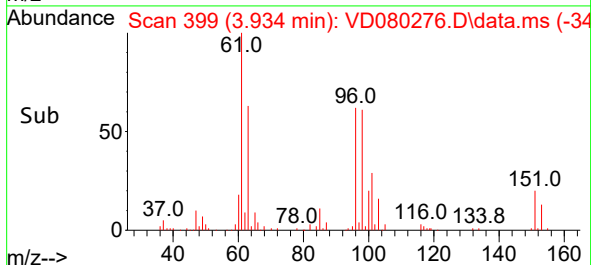
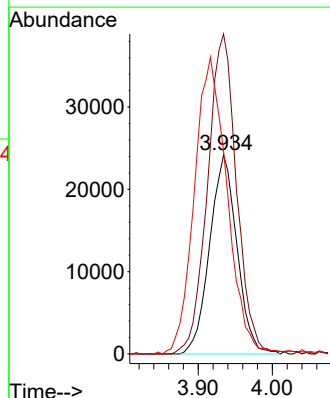
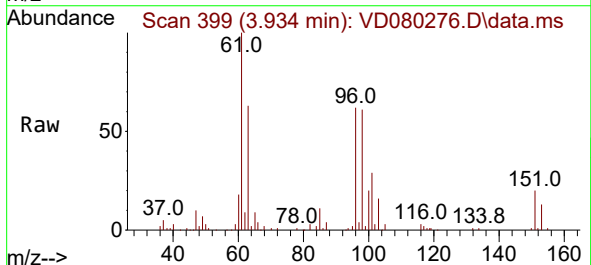
Instrument :
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 ClientSampleId :
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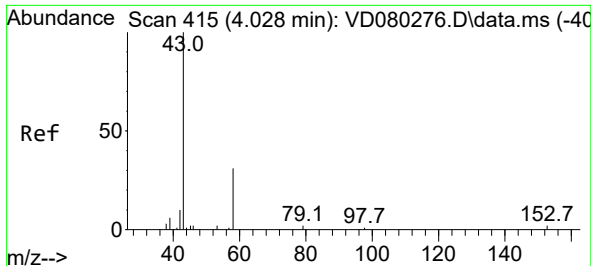
Tgt Ion:101 Resp: 71736
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.7 53.5
 151 69.5 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 29.83 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

Tgt Ion: 96 Resp: 61851
 Ion Ratio Lower Upper
 96 100
 61 160.7 112.5 208.9
 63 101.9 71.3 132.5

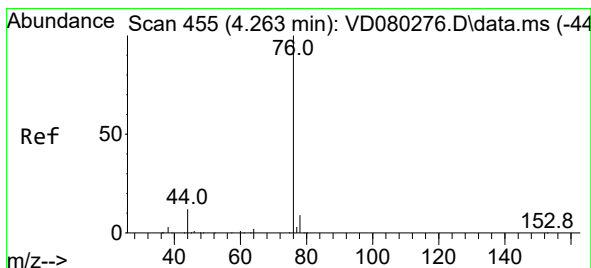
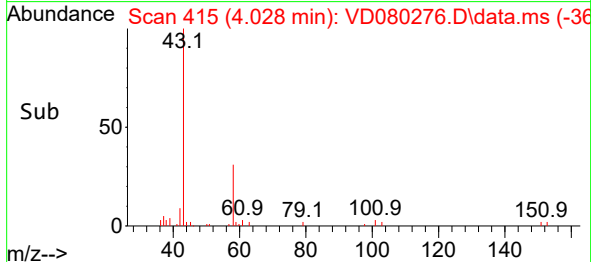
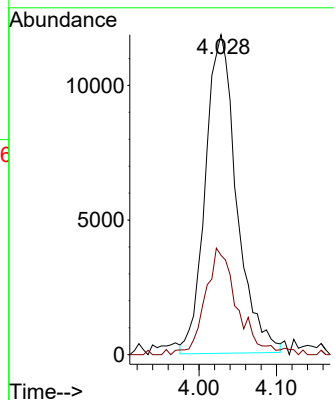
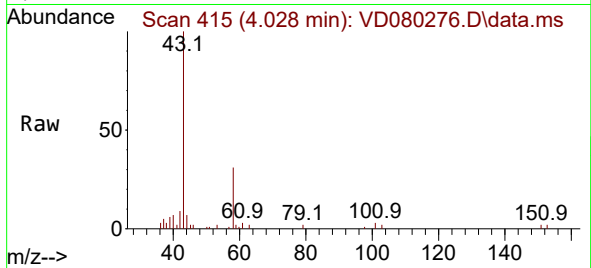




#13
Acetone
Concen: 63.19 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

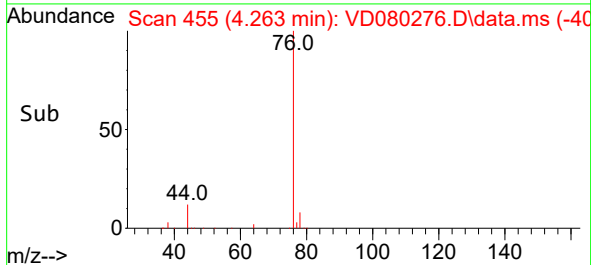
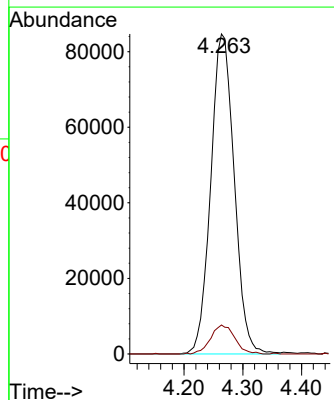
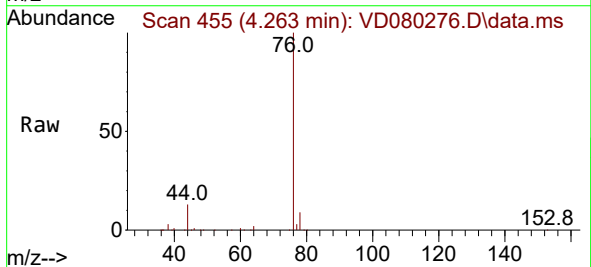
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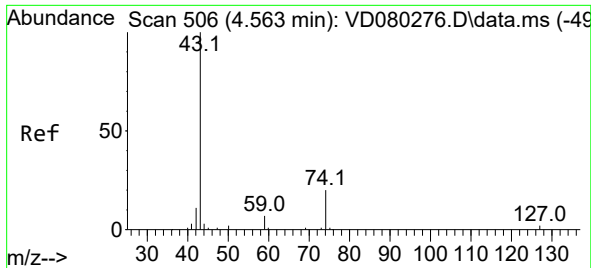
Tgt Ion: 43 Resp: 33246
Ion Ratio Lower Upper
43 100
58 32.6 0.0 65.2



#14
Carbon disulfide
Concen: 30.62 ug/L
RT: 4.263 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion: 76 Resp: 235153
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

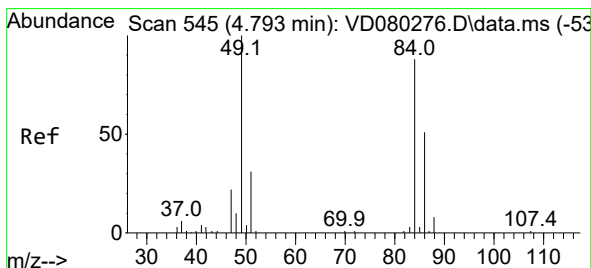
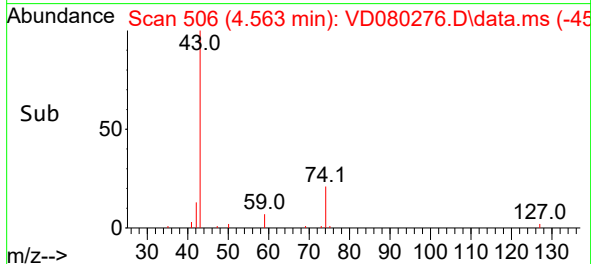
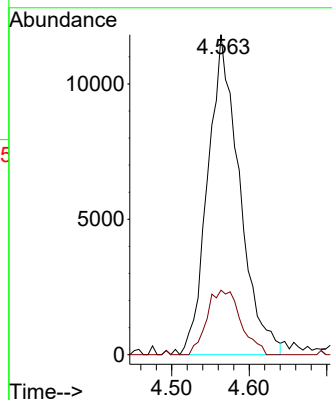
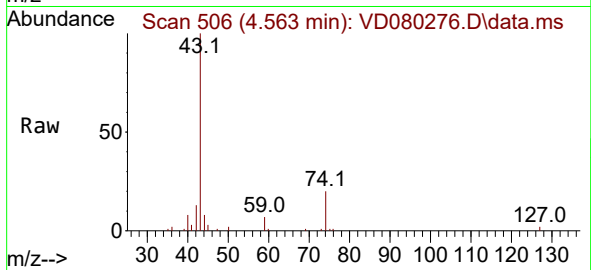




#15
Methyl Acetate
Concen: 28.55 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

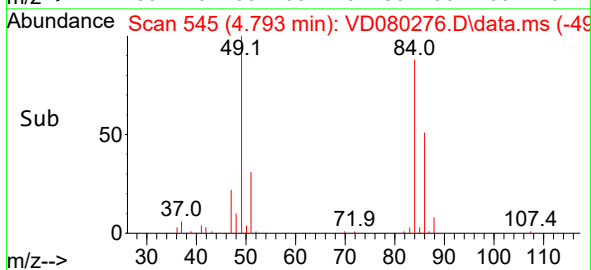
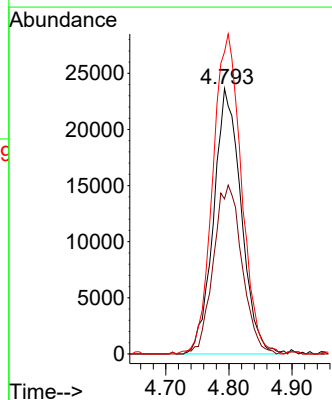
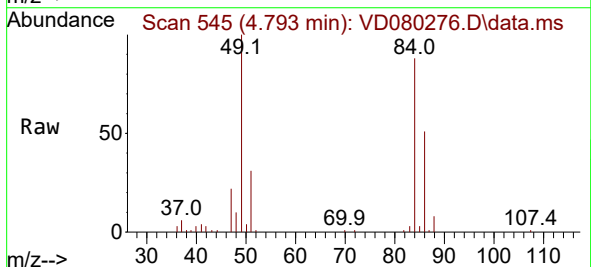
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ClientSampleId :
VSTD025872

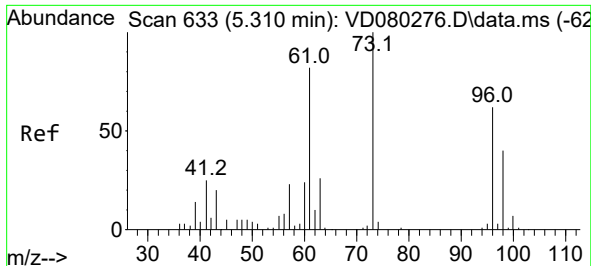
Tgt Ion: 43 Resp: 33550
Ion Ratio Lower Upper
43 100
74 21.5 17.2 25.8



#16
Methylene chloride
Concen: 25.82 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion: 84 Resp: 71607
Ion Ratio Lower Upper
84 100
86 58.4 40.9 75.9
49 113.8 79.7 147.9





#17

trans-1,2-Dichloroethene

Concen: 26.87 ug/L

RT: 5.310 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

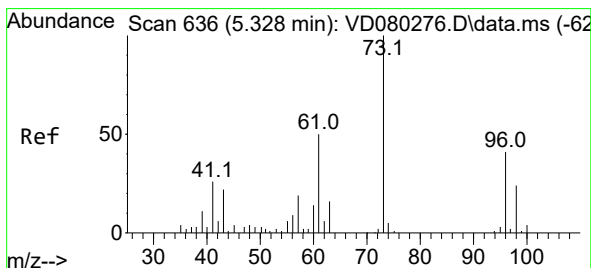
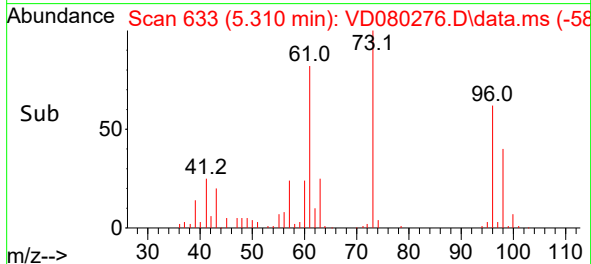
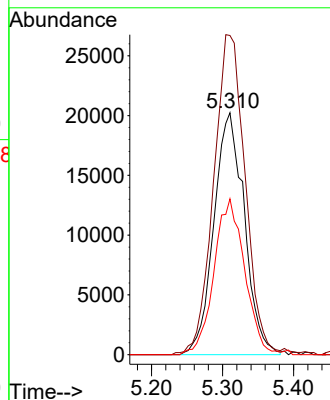
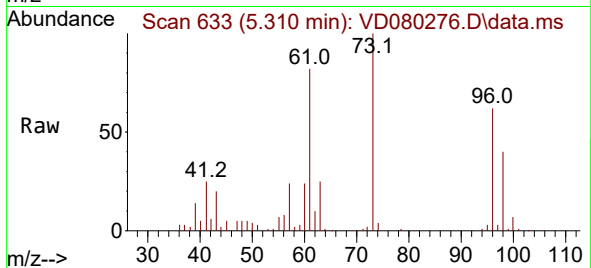
Tgt Ion: 96 Resp: 60262

Ion Ratio Lower Upper

96 100

61 132.0 92.4 171.6

98 64.4 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 26.92 ug/L

RT: 5.328 min Scan# 636

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

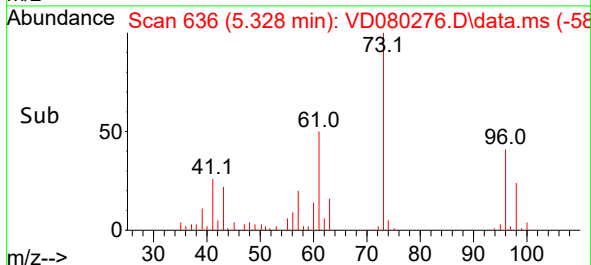
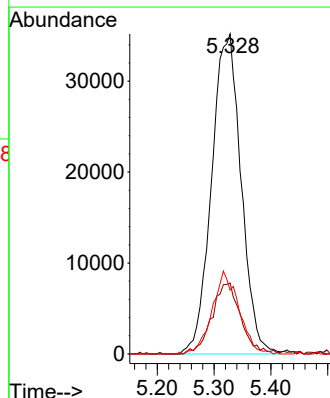
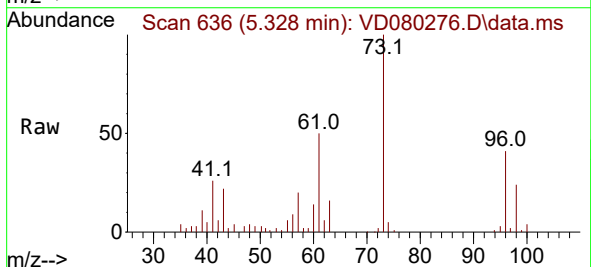
Tgt Ion: 73 Resp: 126813

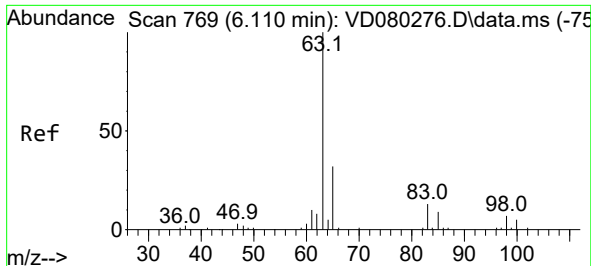
Ion Ratio Lower Upper

73 100

43 21.5 17.2 25.8

57 23.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 29.44 ug/L

RT: 6.110 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

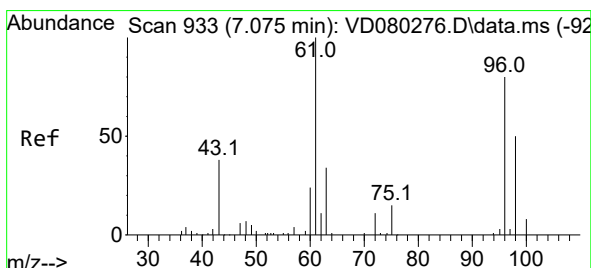
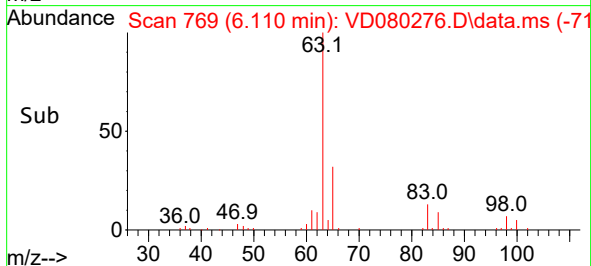
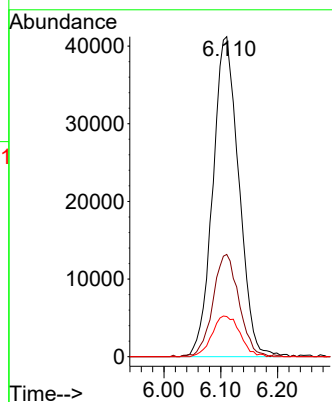
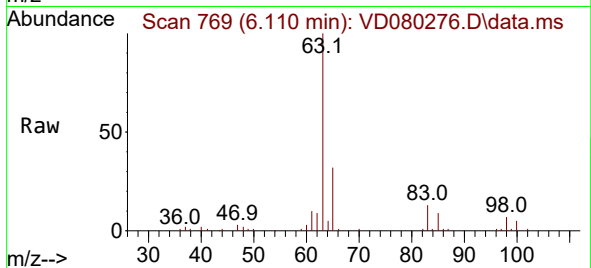
Tgt Ion: 63 Resp: 131091

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 12.5 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 31.75 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

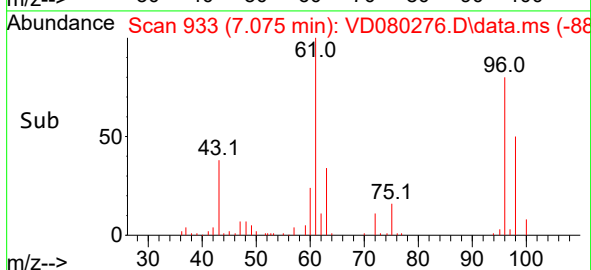
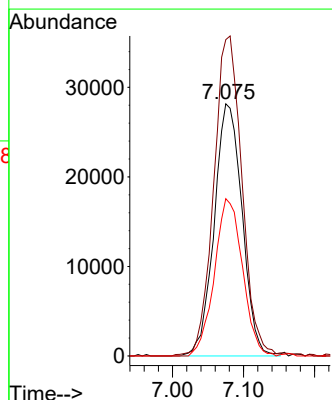
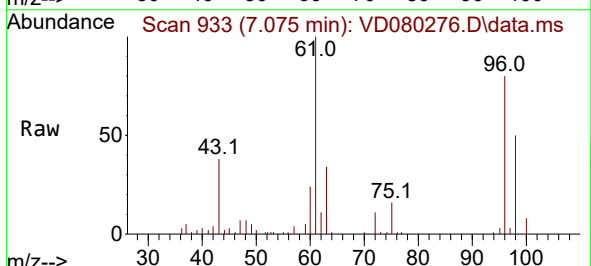
Tgt Ion: 96 Resp: 76768

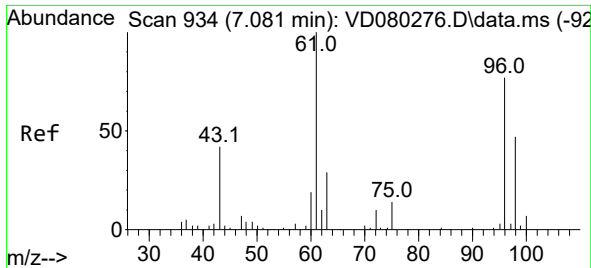
Ion Ratio Lower Upper

96 100

61 125.4 87.8 163.0

98 62.4 43.7 81.1

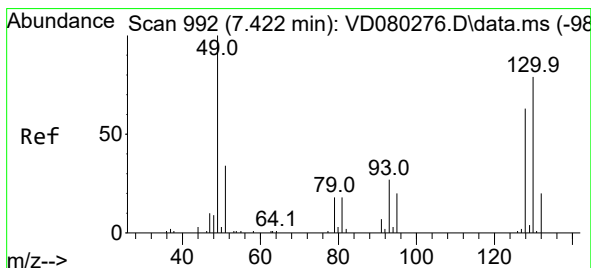
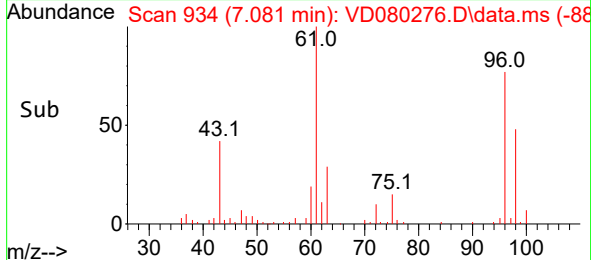
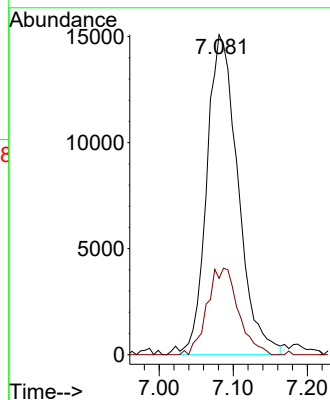
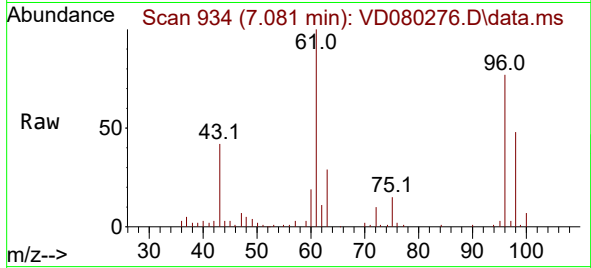




#22
2-Butanone
Concen: 64.69 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

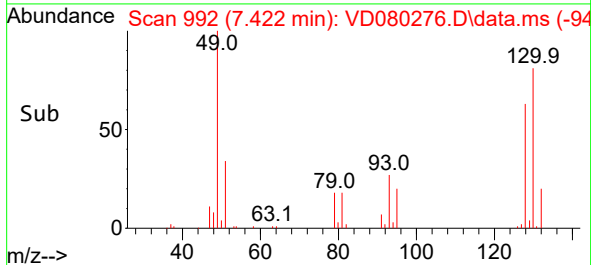
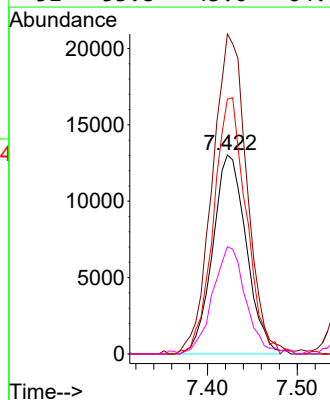
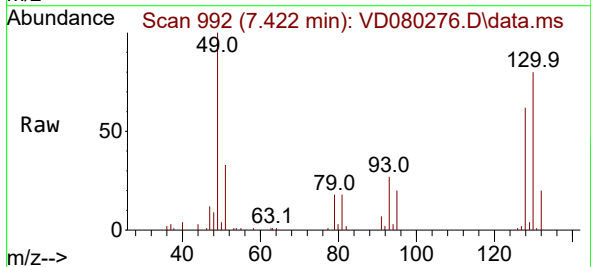
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

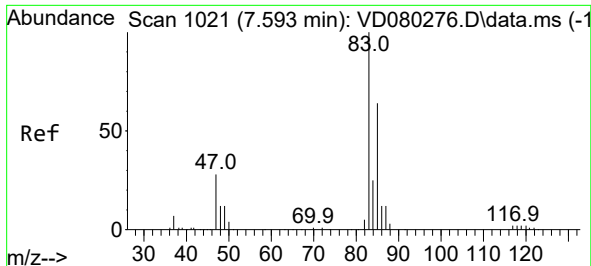
Tgt Ion: 43 Resp: 44045
Ion Ratio Lower Upper
43 100
72 11.9 5.9 17.8



#23
Bromochloromethane
Concen: 29.30 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion:128 Resp: 33837
Ion Ratio Lower Upper
128 100
49 160.8 112.6 209.0
130 128.1 89.7 166.5
51 53.8 43.0 64.6





#25

Chloroform

Concen: 27.82 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

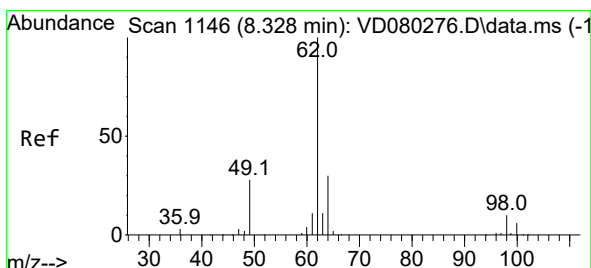
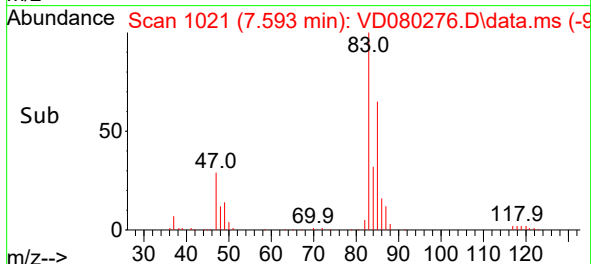
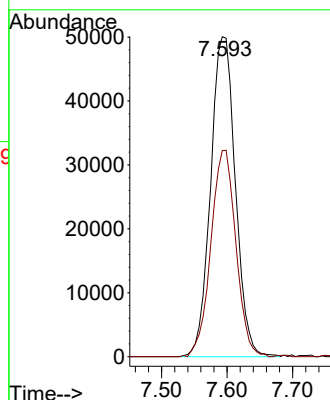
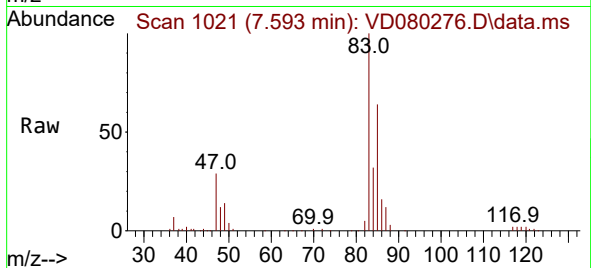
VSTD025872

Tgt Ion: 83 Resp: 131178

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 27.77 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD080276.D

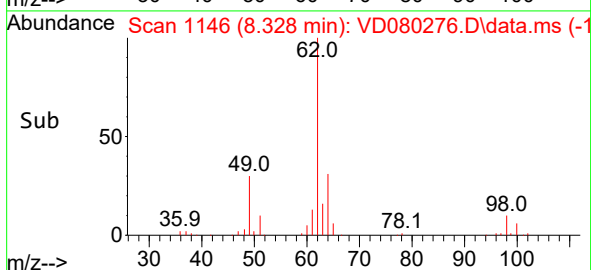
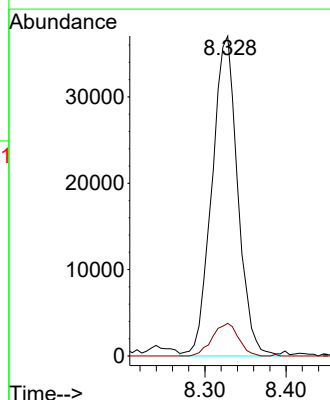
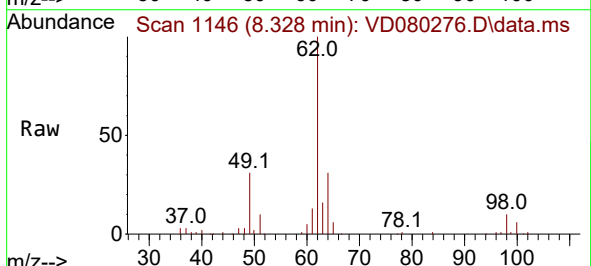
Acq: 18 Mar 2025 11:31

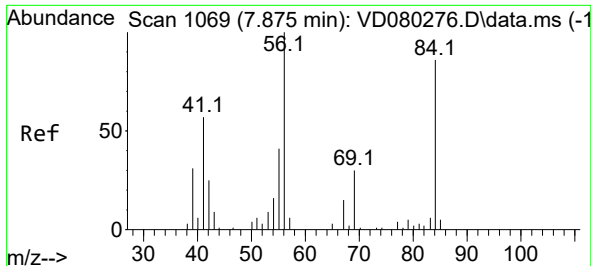
Tgt Ion: 62 Resp: 81753

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 27.74 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

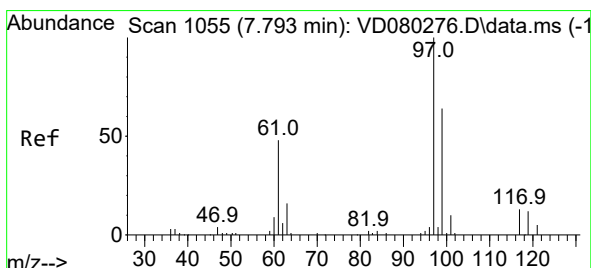
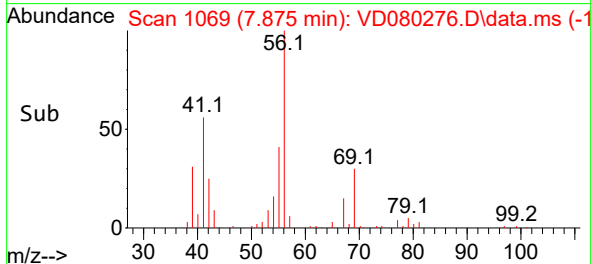
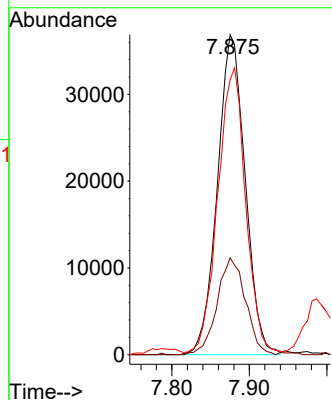
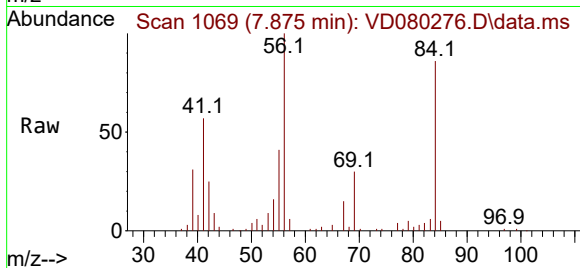
Tgt Ion: 56 Resp: 91987

Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 89.3 71.4 107.2



#30

1,1,1-Trichloroethane

Concen: 27.89 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

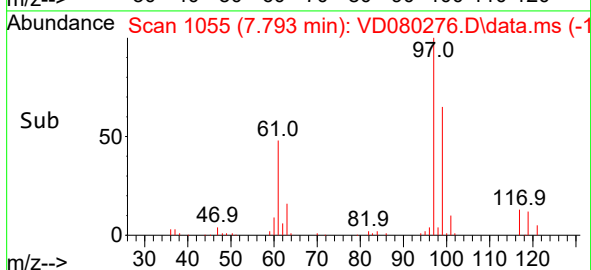
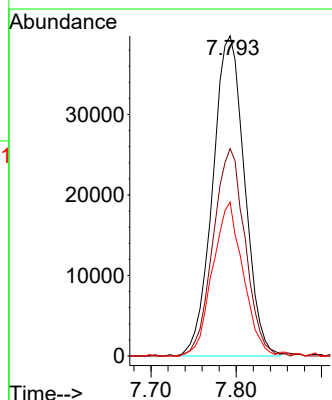
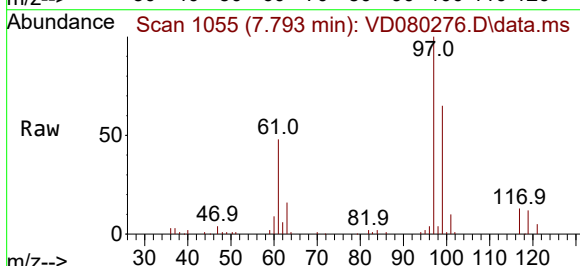
Tgt Ion: 97 Resp: 103244

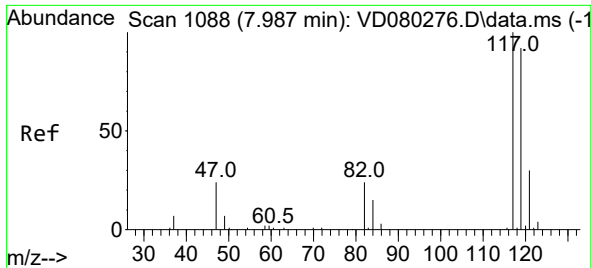
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 45.9 36.7 55.1

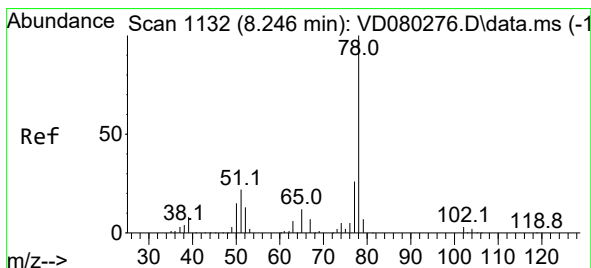
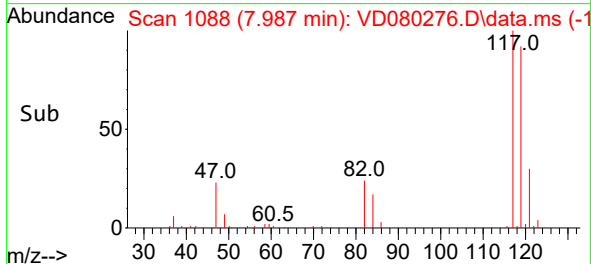
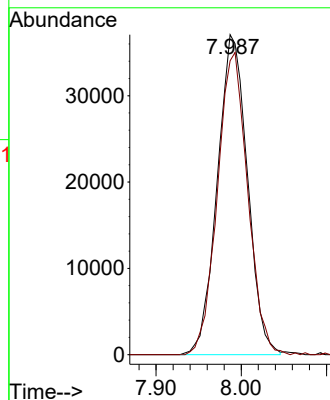
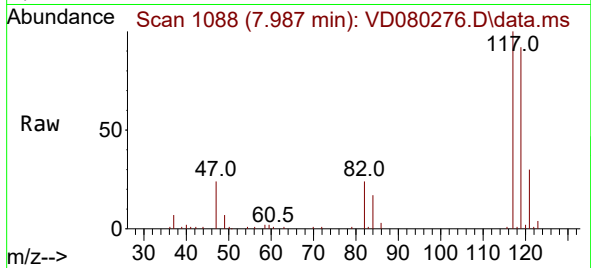




#31
Carbon tetrachloride
Concen: 27.97 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

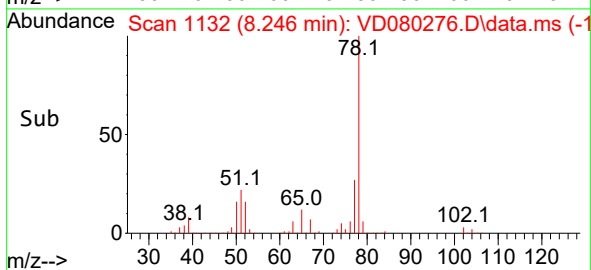
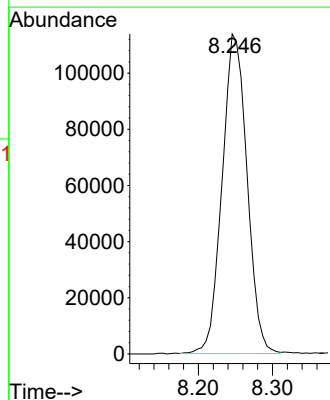
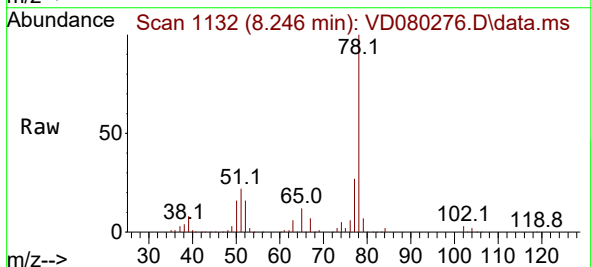
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

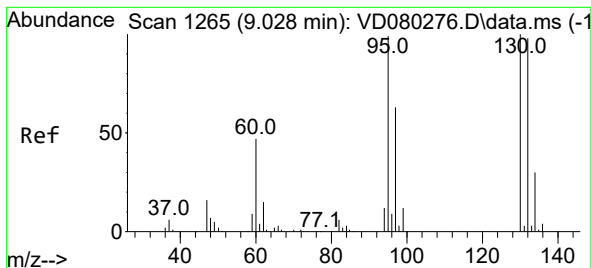
Tgt Ion:117 Resp: 90885
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0



#33
Benzene
Concen: 29.02 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion: 78 Resp: 265576





#34

Trichloroethene

Concen: 29.21 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

Tgt Ion: 95 Resp: 71383

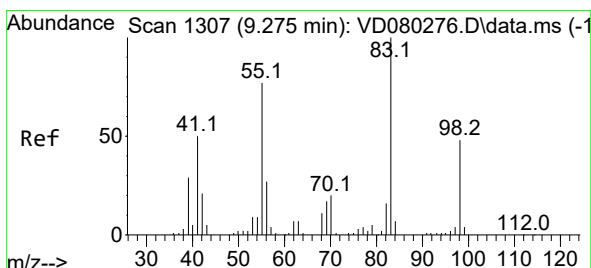
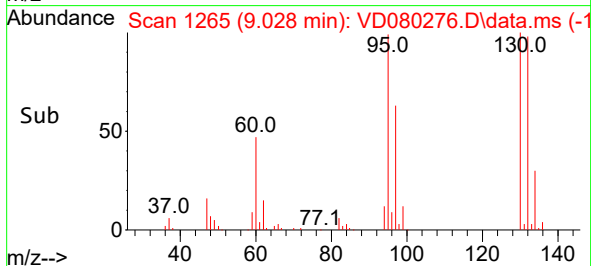
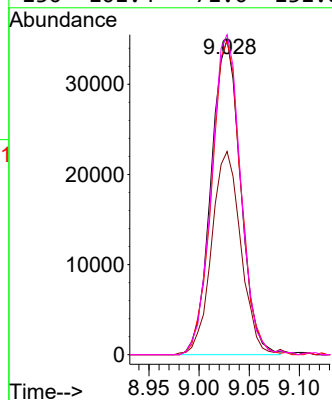
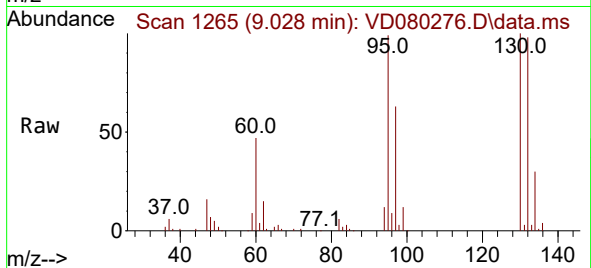
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 99.3 69.5 129.1

130 101.4 71.0 131.8



#35

Methylcyclohexane

Concen: 31.47 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

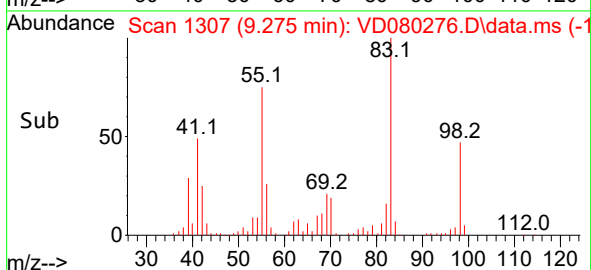
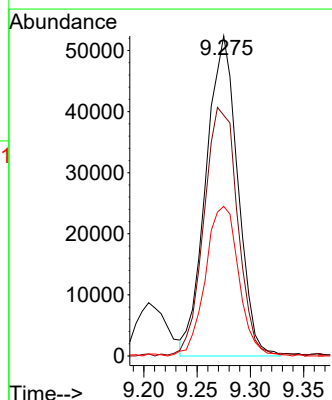
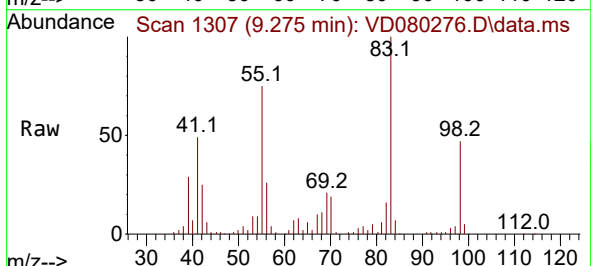
Tgt Ion: 83 Resp: 108956

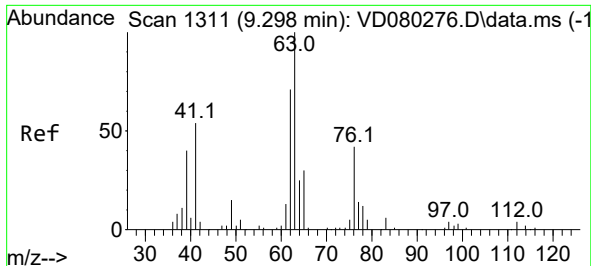
Ion Ratio Lower Upper

83 100

55 81.3 65.0 97.6

98 48.8 39.0 58.6

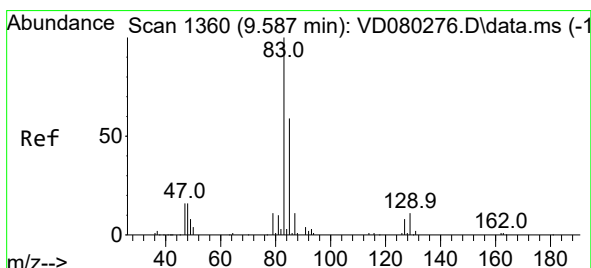
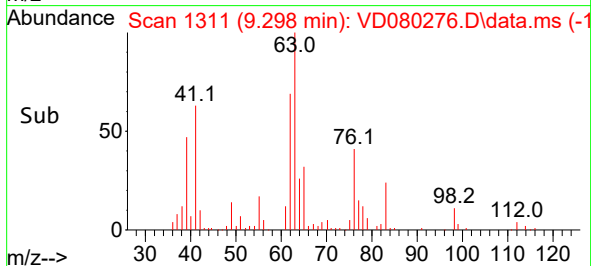
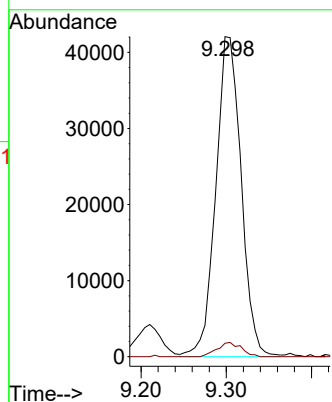
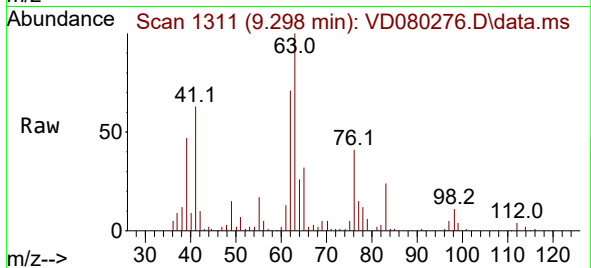




#37
1,2-Dichloropropane
Concen: 32.75 ug/L
RT: 9.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

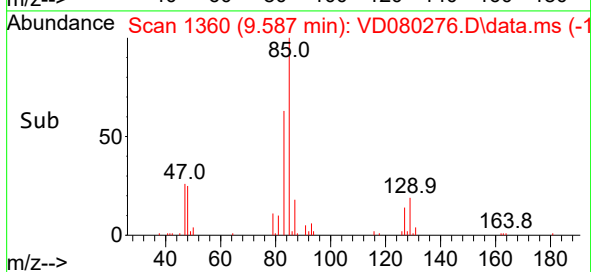
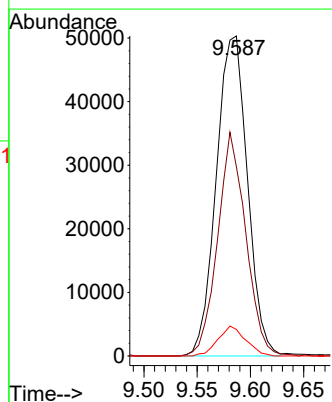
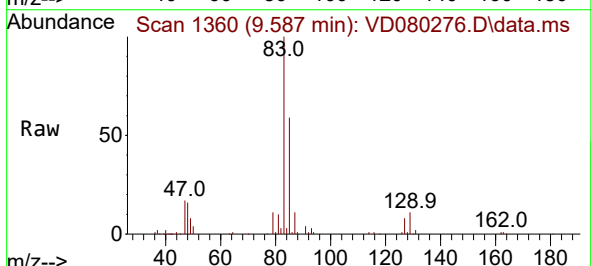
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

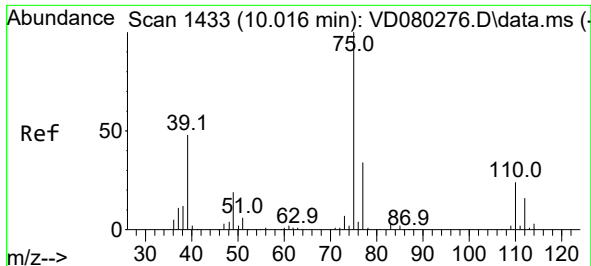
Tgt Ion: 63 Resp: 86970
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 30.37 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion: 83 Resp: 102366
Ion Ratio Lower Upper
83 100
85 59.2 41.4 77.0
127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 31.65 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

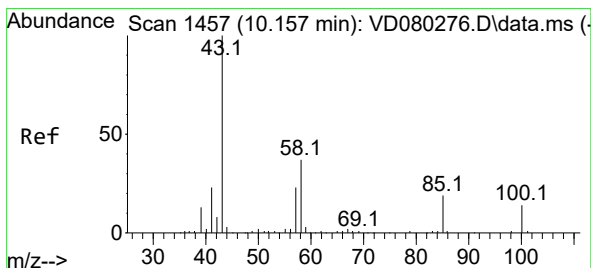
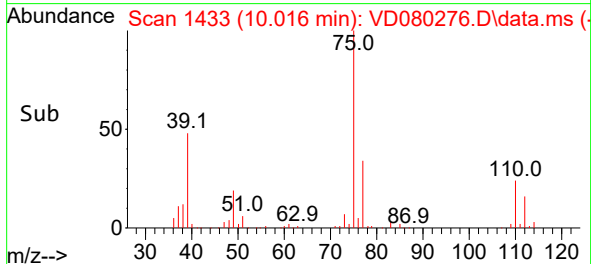
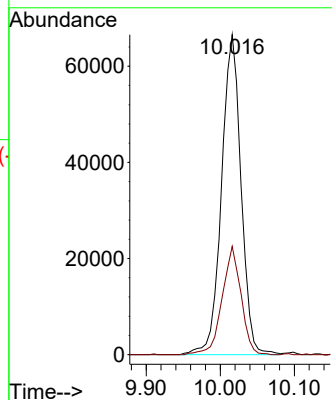
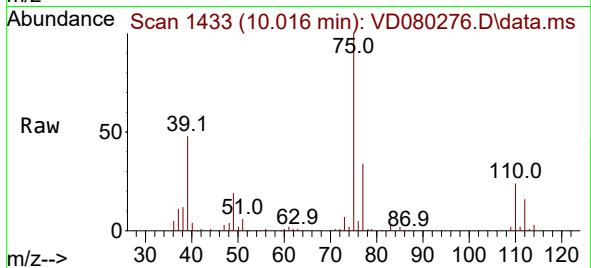
VSTD025872

Tgt Ion: 75 Resp: 121816

Ion Ratio Lower Upper

75 100

77 33.8 23.7 43.9



#40

4-Methyl-2-pentanone

Concen: 64.57 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

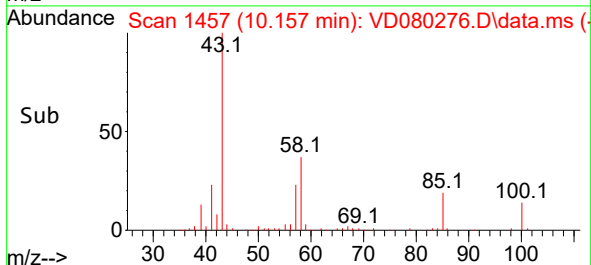
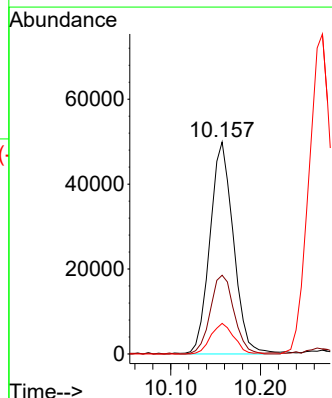
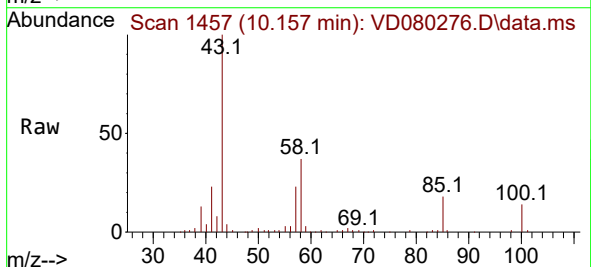
Tgt Ion: 43 Resp: 90724

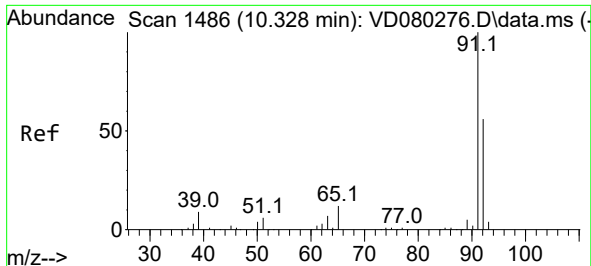
Ion Ratio Lower Upper

43 100

58 37.4 29.9 44.9

100 14.1 11.3 16.9

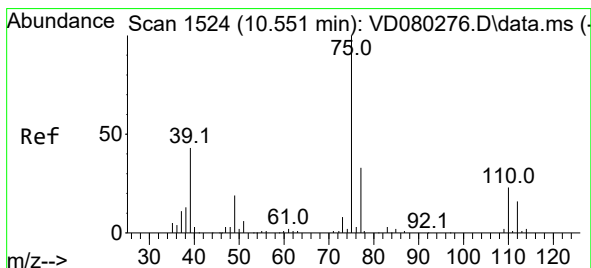
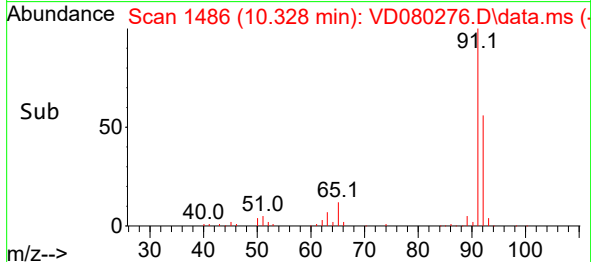
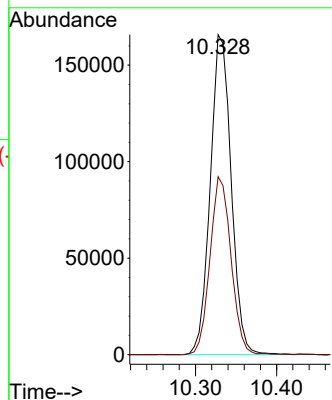
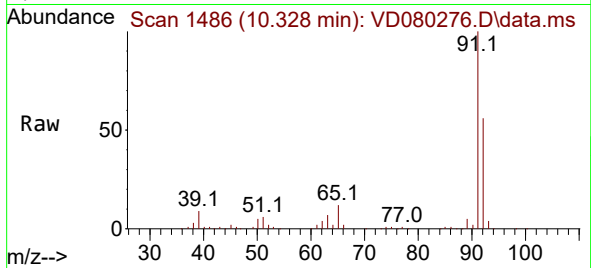




#42
Toluene
Concen: 30.40 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

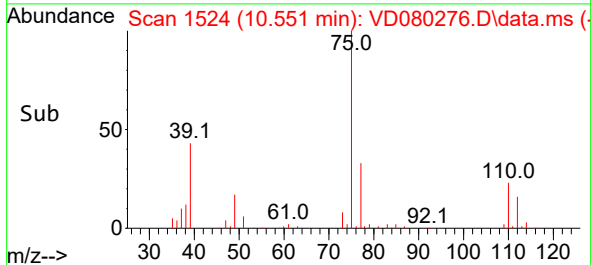
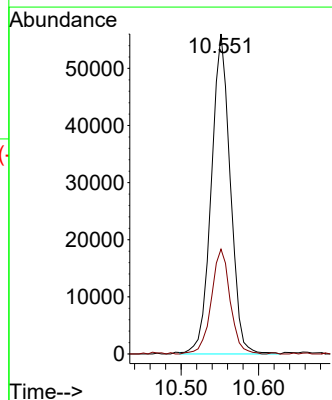
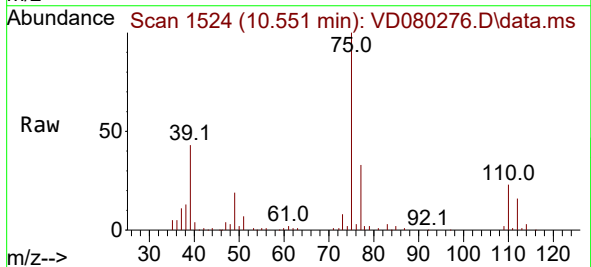
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

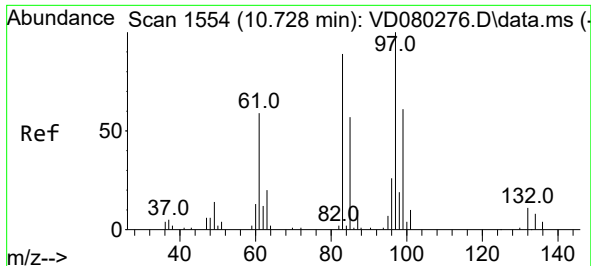
Tgt Ion: 91 Resp: 297125
Ion Ratio Lower Upper
91 100
92 55.6 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 29.66 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion: 75 Resp: 95305
Ion Ratio Lower Upper
75 100
77 32.7 22.9 42.5

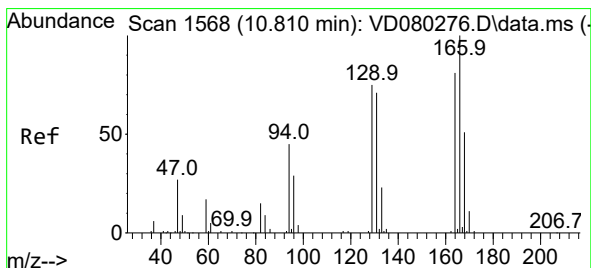
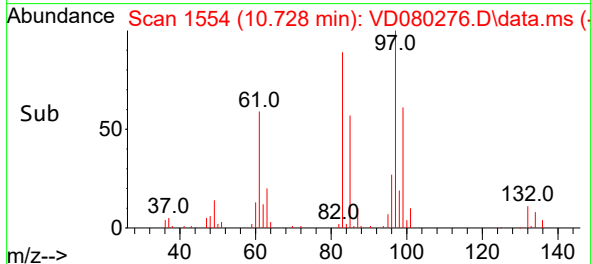
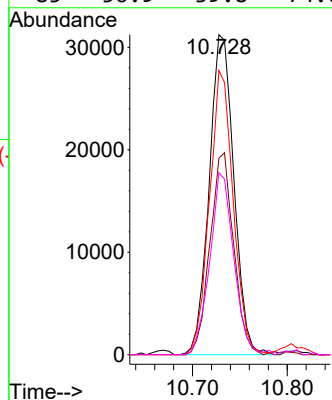
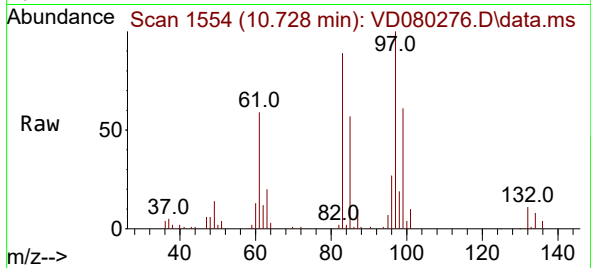




#45
1,1,2-Trichloroethane
Concen: 28.53 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

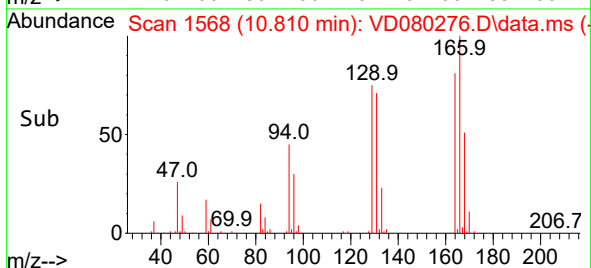
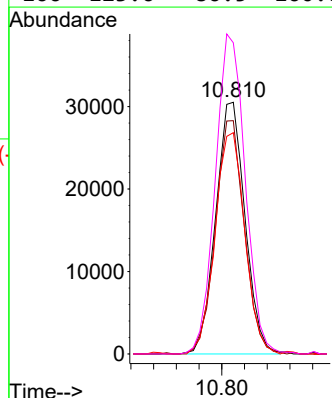
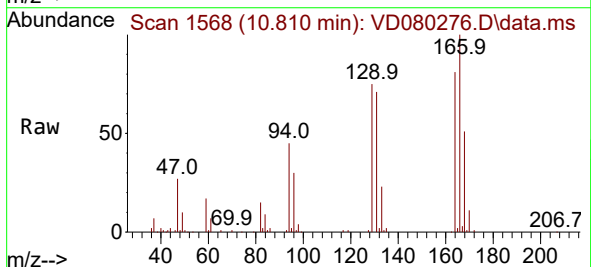
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

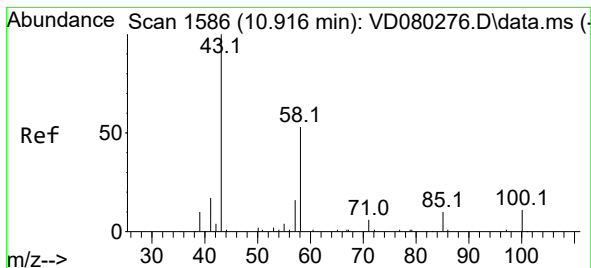
Tgt Ion: 97	Resp: 56724
Ion Ratio	Lower Upper
97 100	
99 61.4	43.0 79.8
83 88.8	62.2 115.4
85 56.9	39.8 74.0



#46
Tetrachloroethene
Concen: 28.79 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt	Ion:164	Resp:	54679
Ion	Ratio	Lower	Upper
164	100		
129	92.7	64.9	120.5
131	87.9	61.5	114.3
166	123.6	86.5	160.7





#48

2-Hexanone

Concen: 58.09 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

Tgt Ion: 43 Resp: 57985

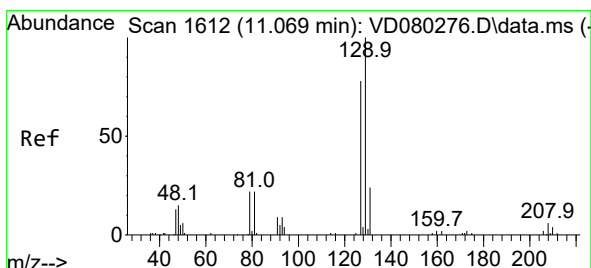
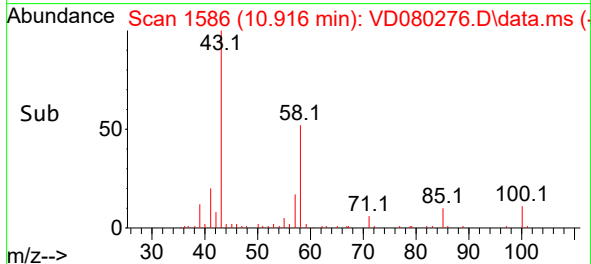
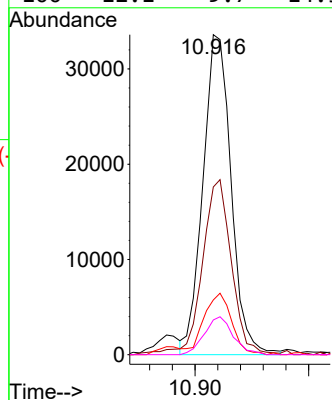
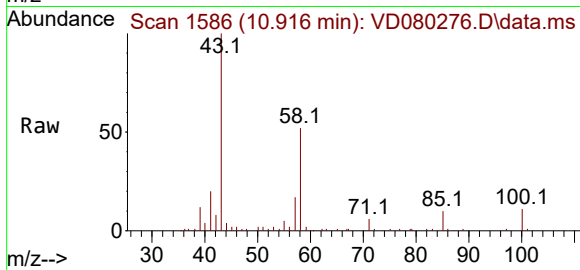
Ion Ratio Lower Upper

43 100

58 53.5 42.8 64.2

57 18.7 15.0 22.4

100 12.1 9.7 14.5



#49

Dibromochloromethane

Concen: 28.82 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD080276.D

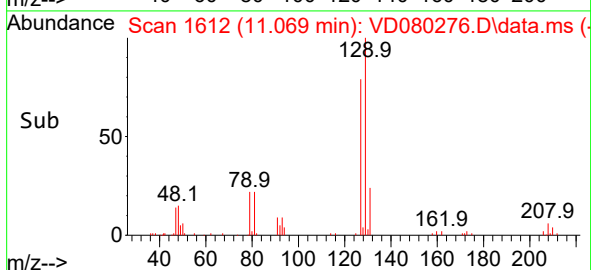
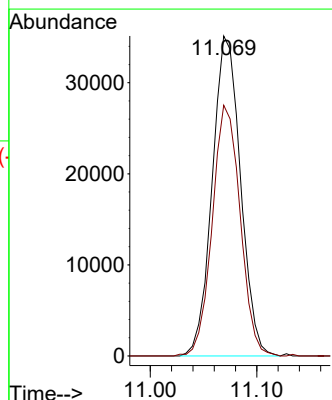
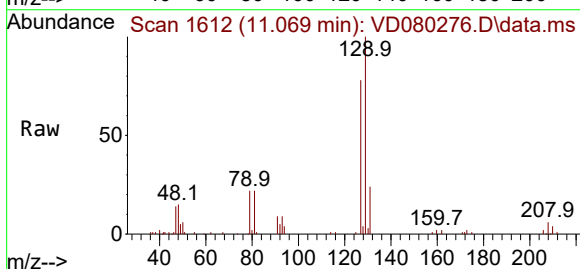
Acq: 18 Mar 2025 11:31

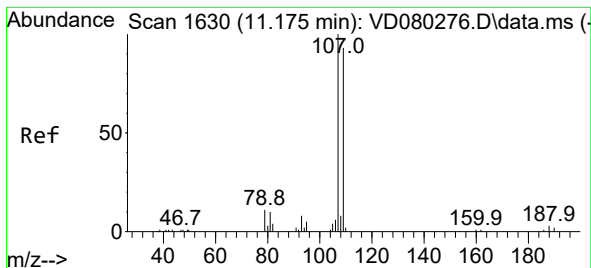
Tgt Ion:129 Resp: 64776

Ion Ratio Lower Upper

129 100

127 78.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 29.74 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

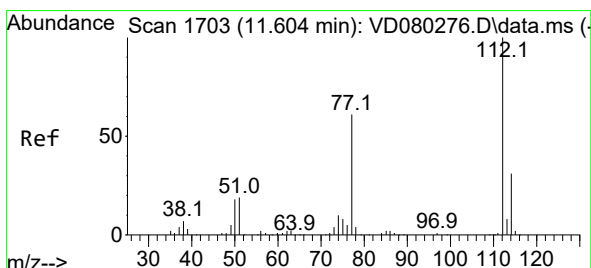
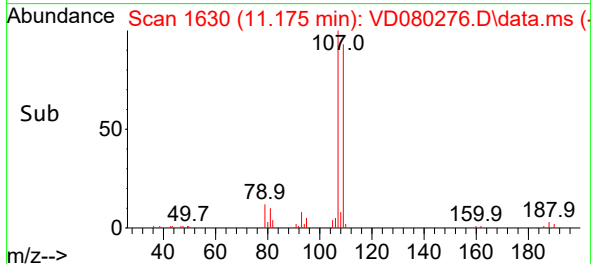
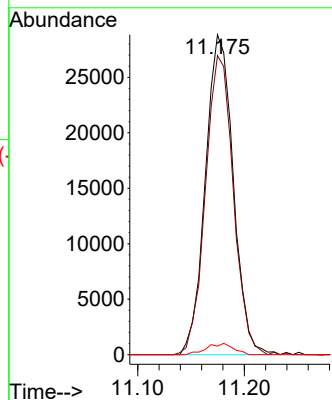
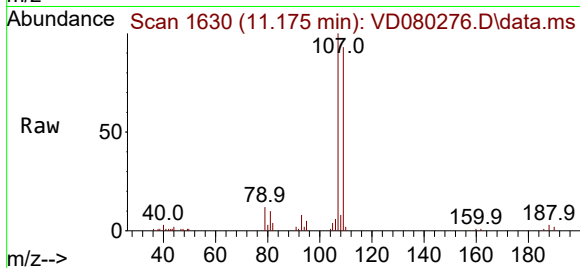
Tgt Ion:107 Resp: 52392

Ion Ratio Lower Upper

107 100

109 93.5 65.5 121.6

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 28.53 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

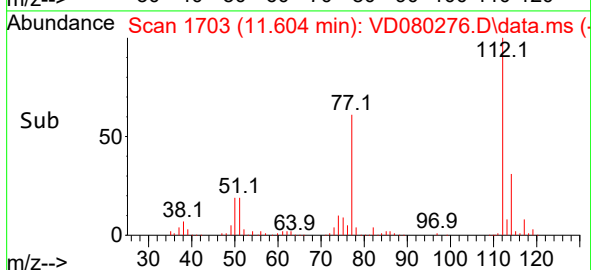
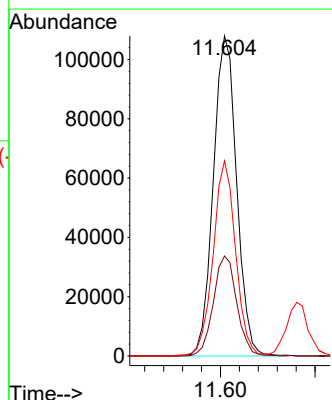
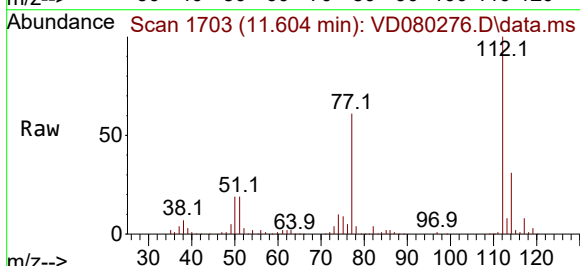
Tgt Ion:112 Resp: 184757

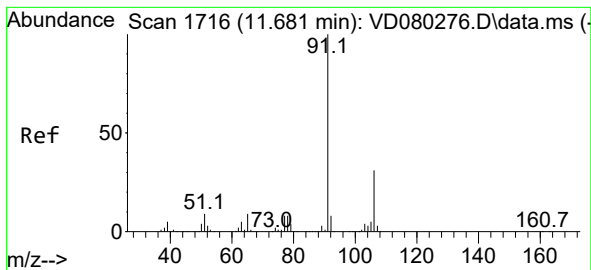
Ion Ratio Lower Upper

112 100

114 31.2 21.8 40.6

77 61.0 48.8 73.2

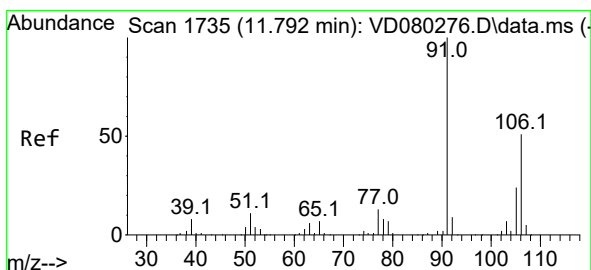
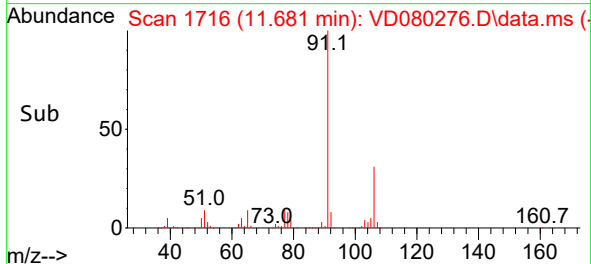
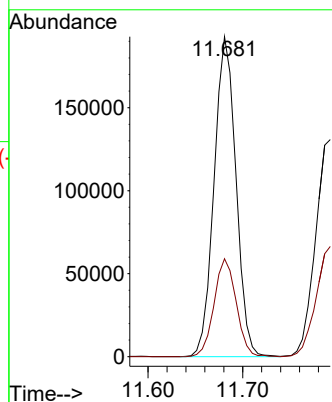
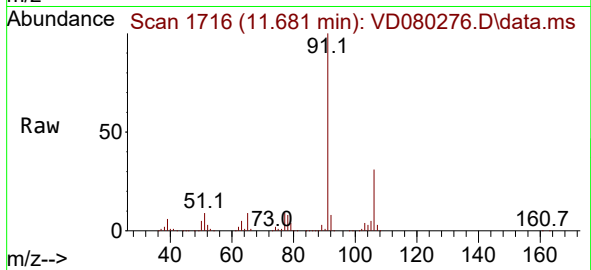




#52
Ethylbenzene
Concen: 29.11 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

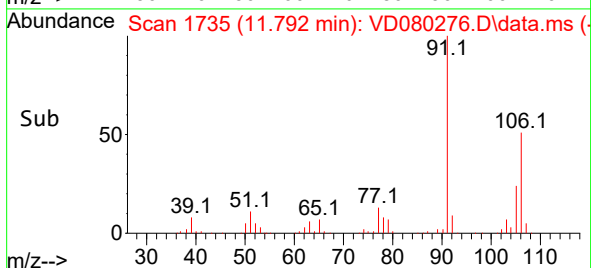
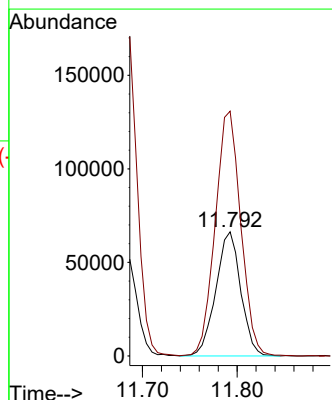
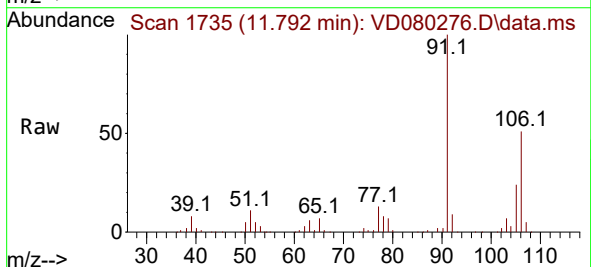
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

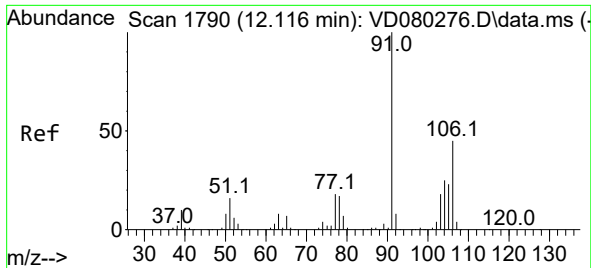
Tgt Ion: 91 Resp: 309941
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 30.75 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion: 106 Resp: 121165
Ion Ratio Lower Upper
106 100
91 197.1 138.0 256.2

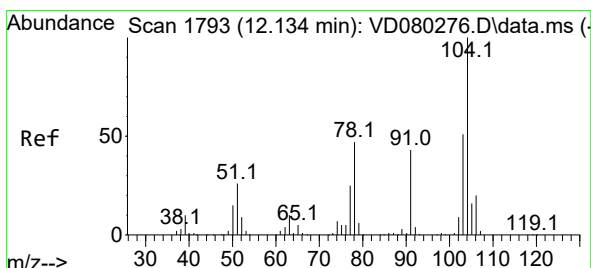
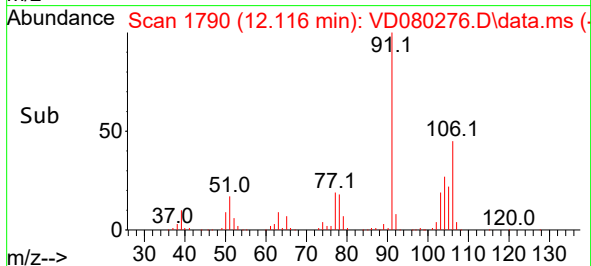
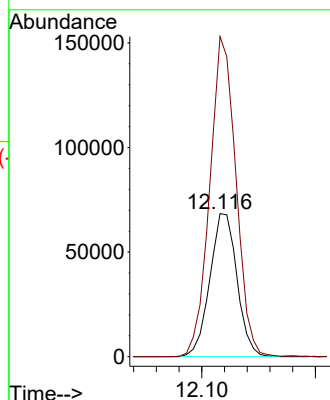
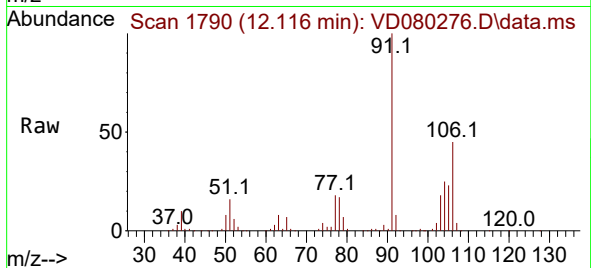




#54
o-Xylene
Concen: 30.36 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

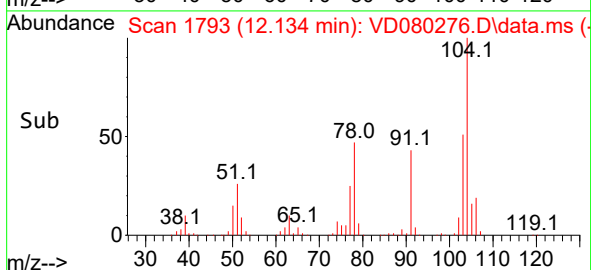
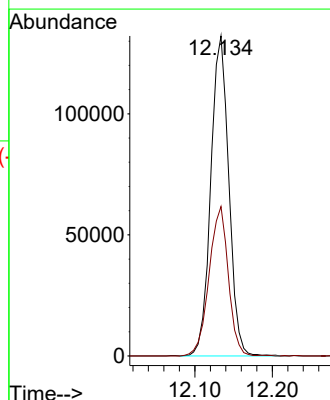
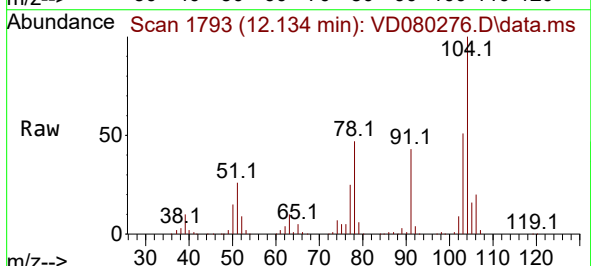
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

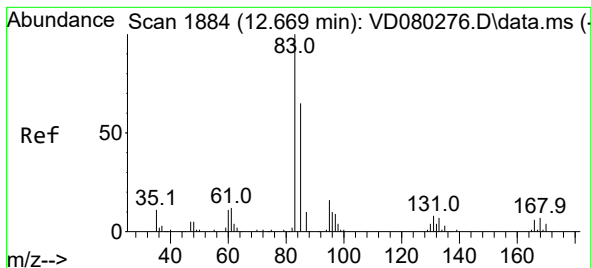
Tgt Ion:106 Resp: 113532
Ion Ratio Lower Upper
106 100
91 223.6 156.5 290.7



#55
Styrene
Concen: 31.56 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion:104 Resp: 213929
Ion Ratio Lower Upper
104 100
78 46.7 32.7 60.7

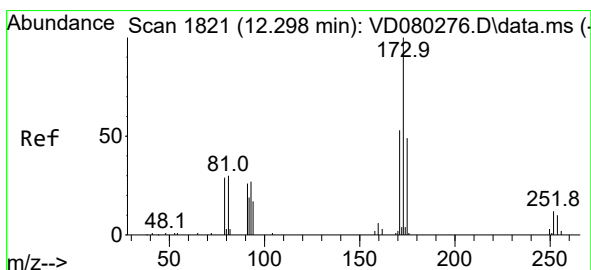
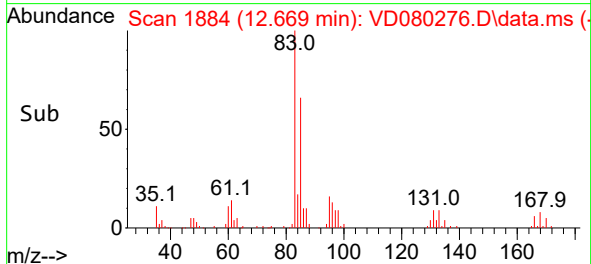
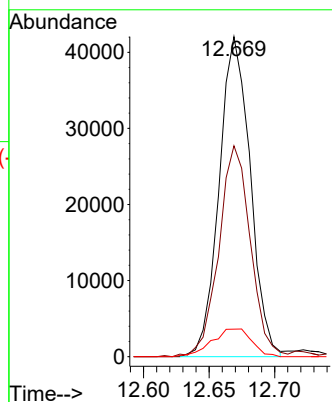
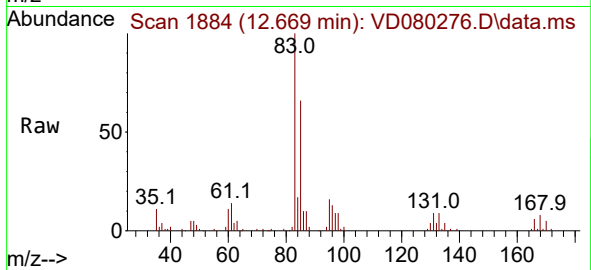




#57
1,1,2,2-Tetrachloroethane
Concen: 28.77 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

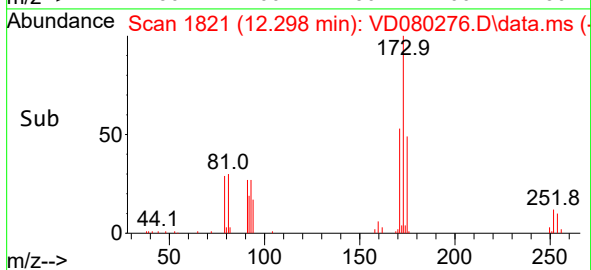
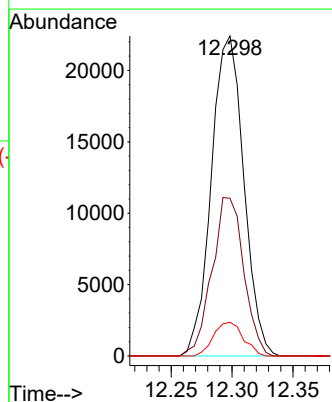
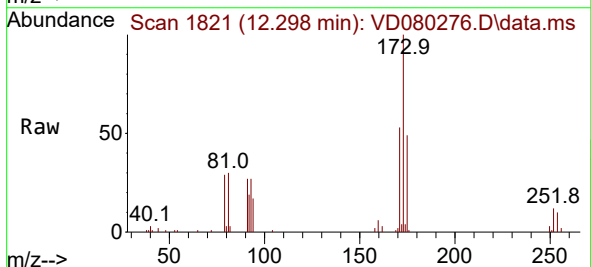
Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

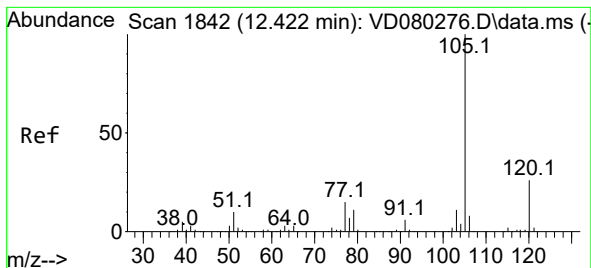
Tgt Ion: 83 Resp: 69277
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.7
131 8.6 6.9 10.3



#59
Bromoform
Concen: 26.37 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion:173 Resp: 41563
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 26.56 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

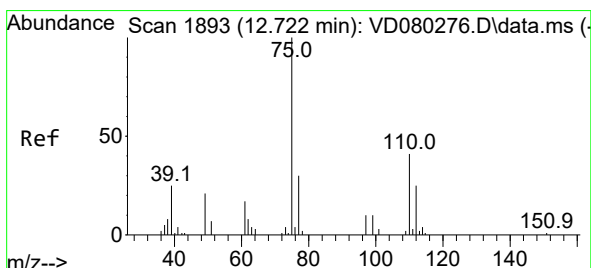
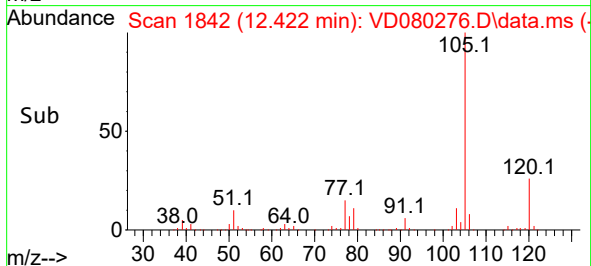
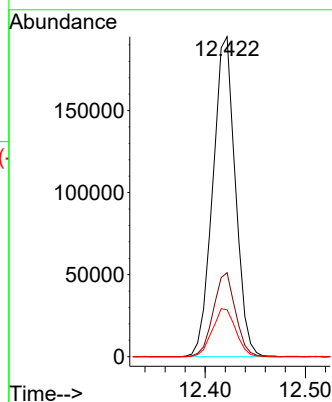
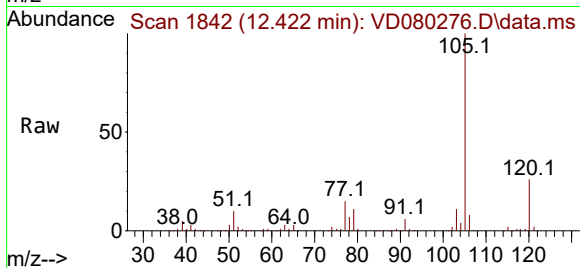
Tgt Ion:105 Resp: 304239

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 15.6 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 25.28 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

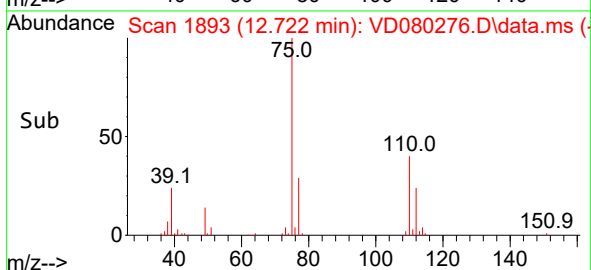
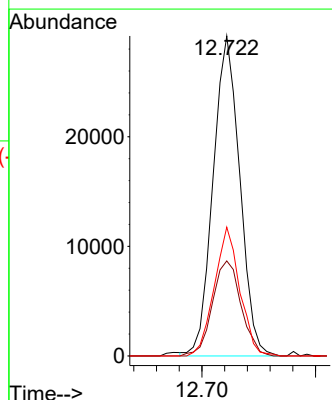
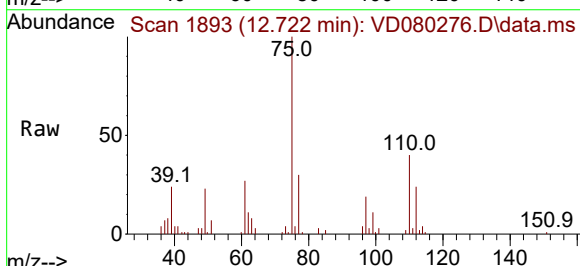
Tgt Ion: 75 Resp: 47658

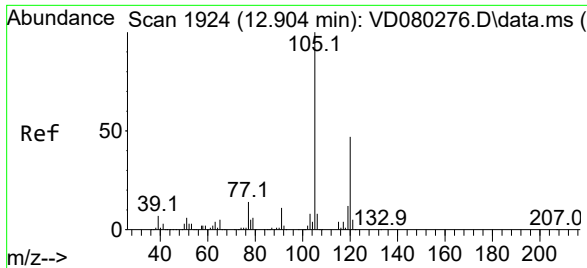
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 38.4 30.7 46.1

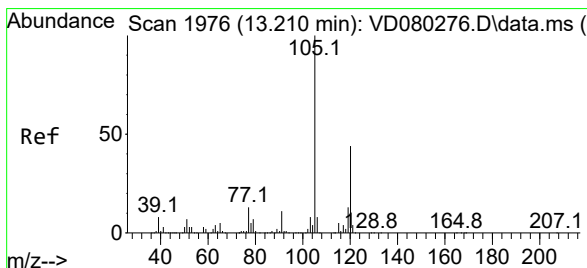
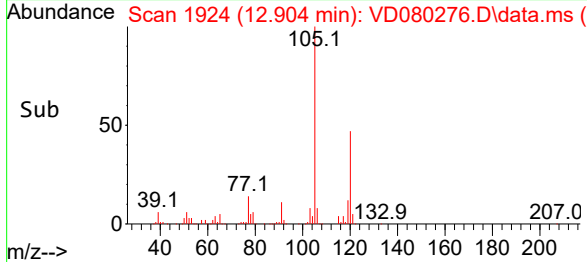
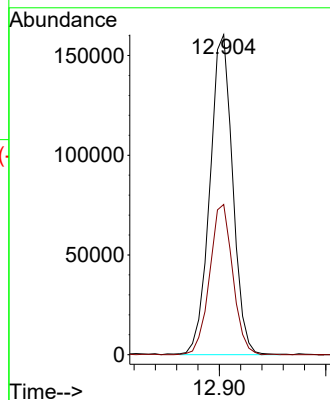
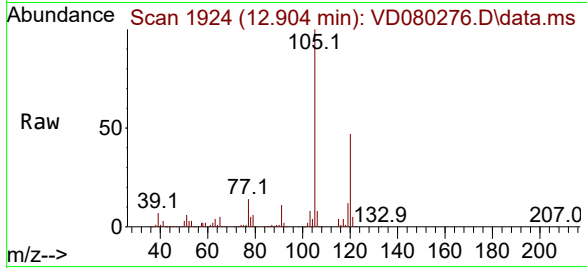




#62
 1,3,5-Trimethylbenzene
 Concen: 26.45 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

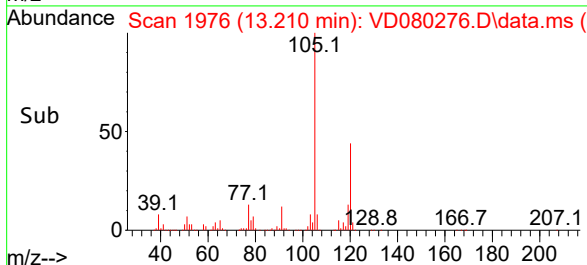
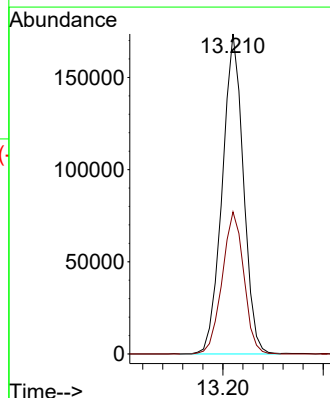
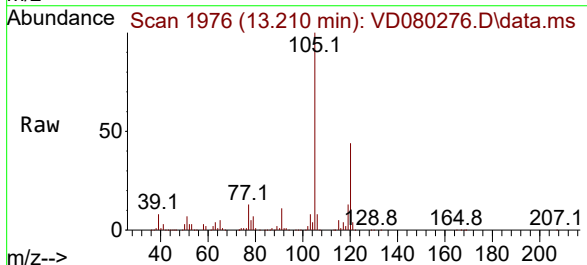
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025872

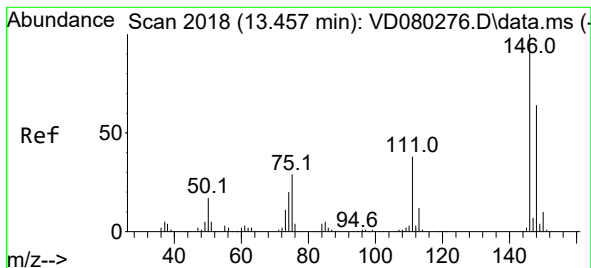
Tgt Ion:105 Resp: 238765
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 27.71 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

Tgt Ion:105 Resp: 254139
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 28.26 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

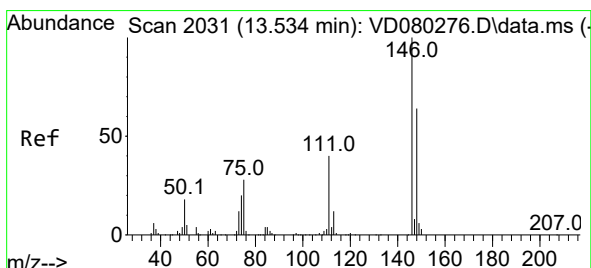
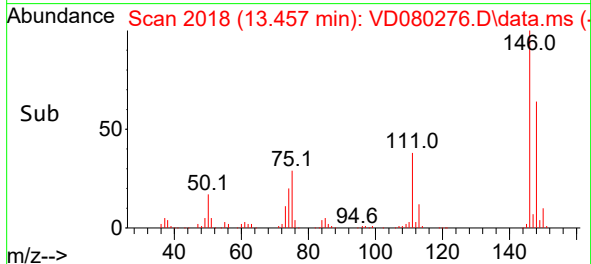
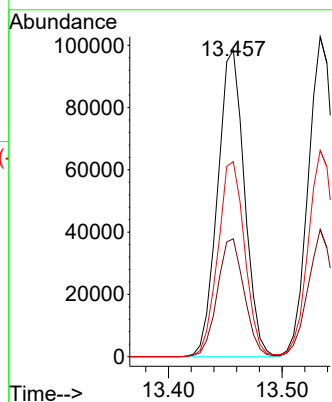
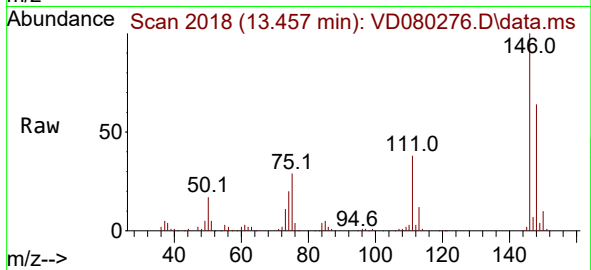
Tgt Ion:146 Resp: 161759

Ion Ratio Lower Upper

146 100

111 38.4 26.9 49.9

148 63.6 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 26.91 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

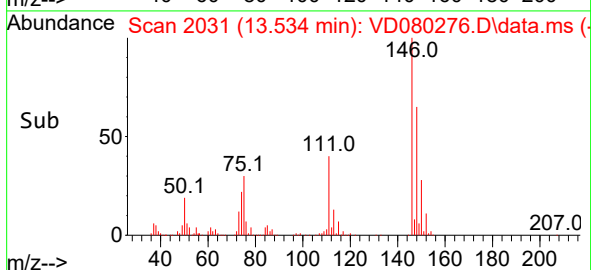
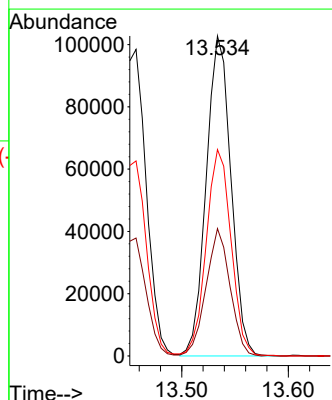
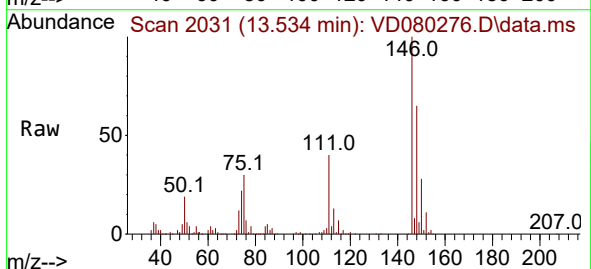
Tgt Ion:146 Resp: 165857

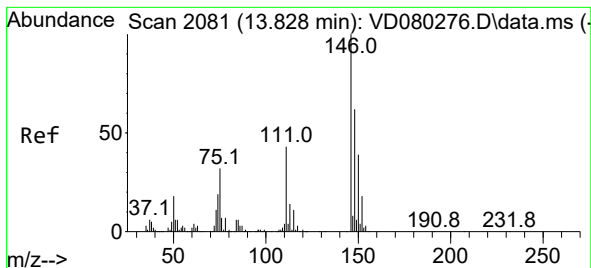
Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 64.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 28.24 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD025872

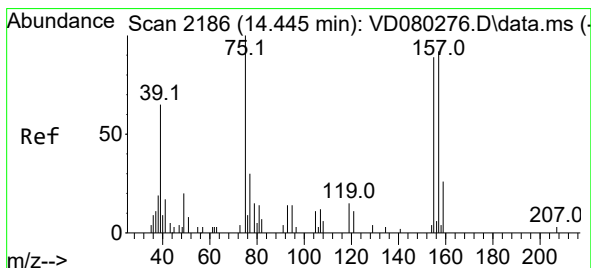
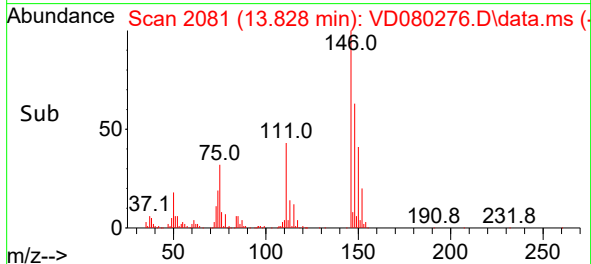
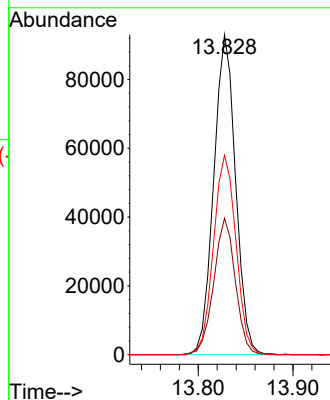
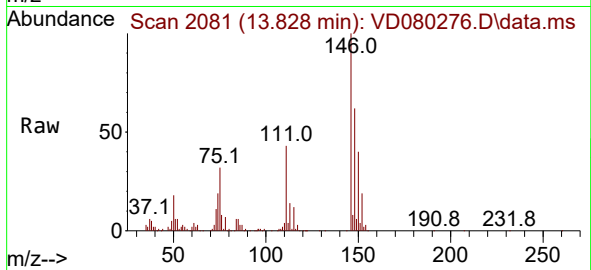
Tgt Ion:146 Resp: 149428

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.2

148 62.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.43 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD080276.D

Acq: 18 Mar 2025 11:31

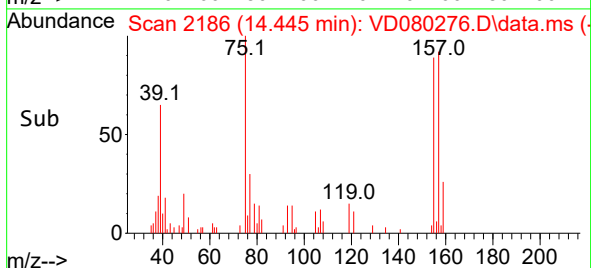
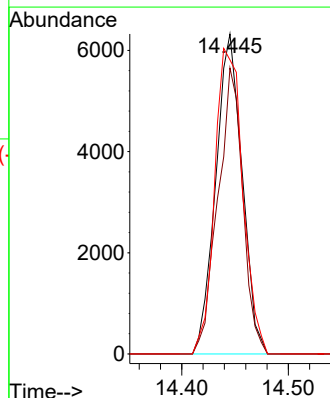
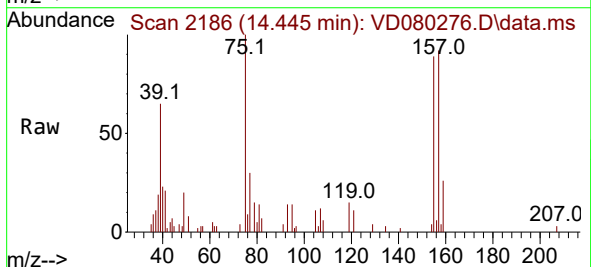
Tgt Ion: 75 Resp: 10899

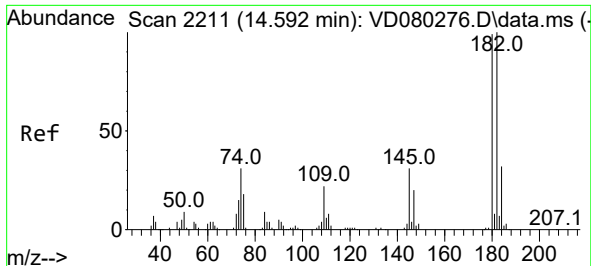
Ion Ratio Lower Upper

75 100

155 89.4 71.5 107.3

157 91.9 73.5 110.3

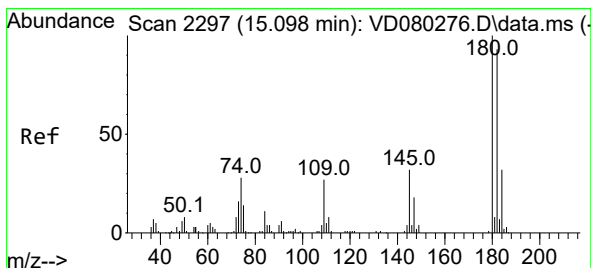
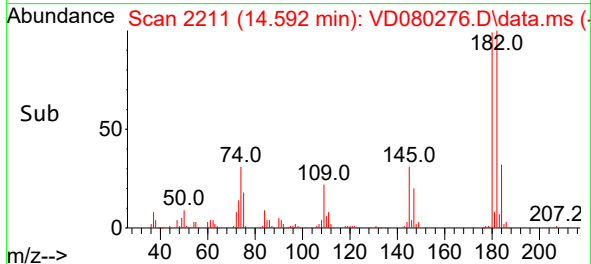
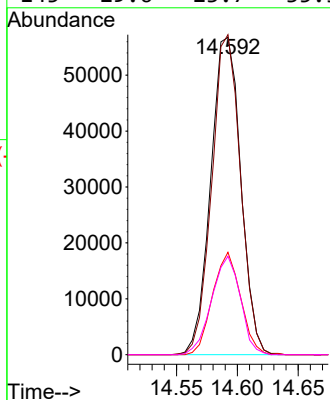
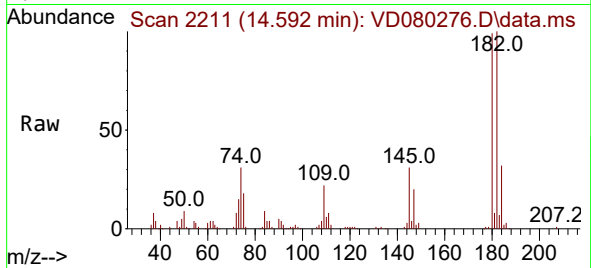




#69
 1,3,5-Trichlorobenzene
 Concen: 25.91 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

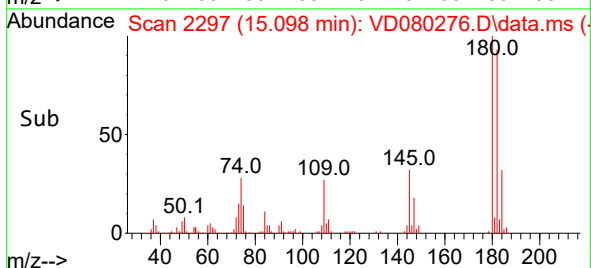
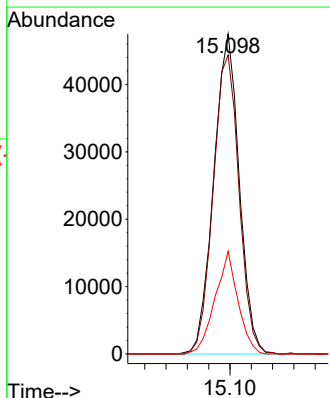
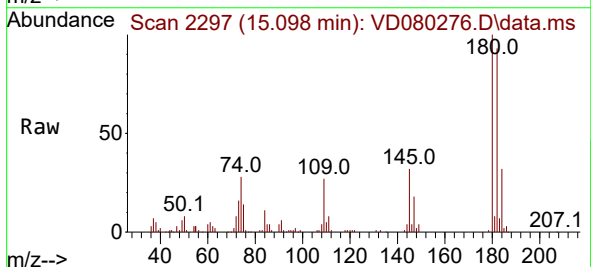
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025872

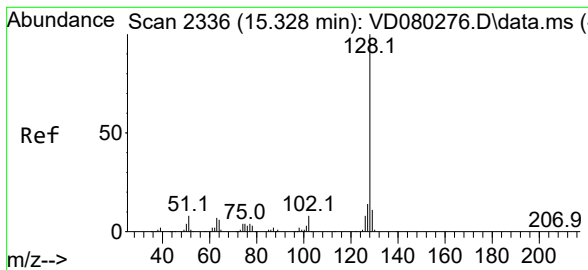
Tgt Ion:	180	Resp:	97561
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.0	115.4
184	30.0	24.0	36.0
145	29.6	23.7	35.5



#70
 1,2,4-trichlorobenzene
 Concen: 25.18 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD080276.D
 Acq: 18 Mar 2025 11:31

Tgt Ion:	180	Resp:	78998
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.4	113.0
145	28.9	23.1	34.7

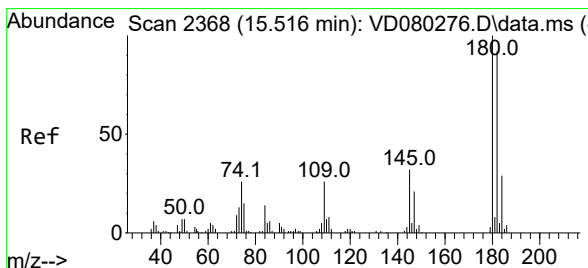
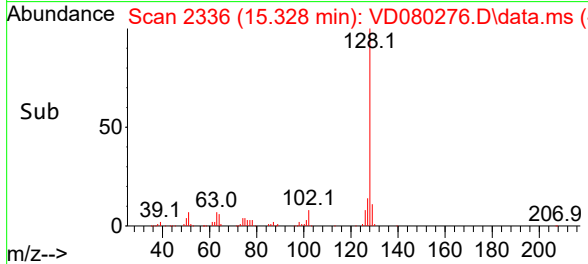
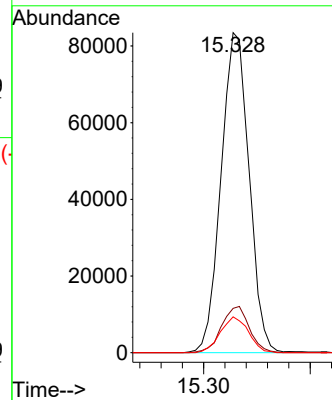
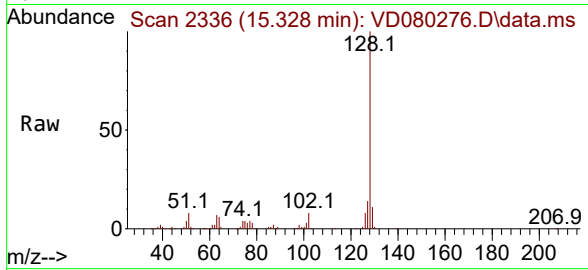




#71
Naphthalene
Concen: 25.86 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTD025872

Tgt Ion:128 Resp: 152387
Ion Ratio Lower Upper
128 100
127 14.3 11.4 17.2
129 11.2 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 27.40 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD080276.D
Acq: 18 Mar 2025 11:31

Tgt Ion:180 Resp: 77583
Ion Ratio Lower Upper
180 100
182 92.2 73.8 110.6
145 31.0 24.8 37.2

