

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080280.D
 Acq On : 18 Mar 2025 13:50
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV875

Quant Time: Mar 24 10:06:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 09:47:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	204200	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	193364	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105061	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	137329	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.793	69	131130	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
11) 1,1-Dichloroethene-d2	3.911	65	32002	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.56%
21) 2-Butanone-d5	6.993	46	37032	52.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.94%
24) Chloroform-d	7.569	84	158418	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.228	65	87887	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
32) Benzene-d6	8.199	84	313329	27.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.92%
36) 1,2-Dichloropropane-d6	9.210	67	97071	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.52%
41) Toluene-d8	10.263	98	267698	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloroprop...	10.522	79	38562	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.80%
47) 2-Hexanone-d5	10.875	63	30143	57.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.30%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	80418	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.32%
66) 1,2-Dichlorobenzene-d4	13.816	152	89162	24.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.92%
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	87252	22.99	ug/L	99
3) Chloromethane	2.158	50	137677	22.45	ug/L	98
5) Vinyl chloride	2.275	62	176488	22.13	ug/L	95
6) Bromomethane	2.687	94	93687	22.58	ug/L	92
8) Chloroethane	2.828	64	116411	21.59	ug/L	95
9) Trichlorofluoromethane	3.164	101	139030	23.37	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	81768	23.28	ug/L	98
13) Acetone	4.028	43	33592	44.26	ug/L	97
14) Carbon disulfide	4.263	76	262410	23.68	ug/L	99
15) Methyl Acetate	4.563	43	37608	23.46	ug/L	98
16) Methylene chloride	4.793	84	89114	22.28	ug/L	91
17) trans-1,2-Dichloroethene	5.311	96	77875	24.07	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	163824	24.11	ug/L	100
19) 1,1-Dichloroethane	6.110	63	154436	24.29	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	85393	24.48	ug/L	98
22) 2-Butanone	7.081	43	46219	48.48	ug/L #	68
23) Bromochloromethane	7.428	128	40737	24.45	ug/L	98
25) Chloroform	7.593	83	166816	24.53	ug/L	96
27) 1,2-Dichloroethane	8.322	62	102809	24.21	ug/L	99

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 Response via : Initial Calibration

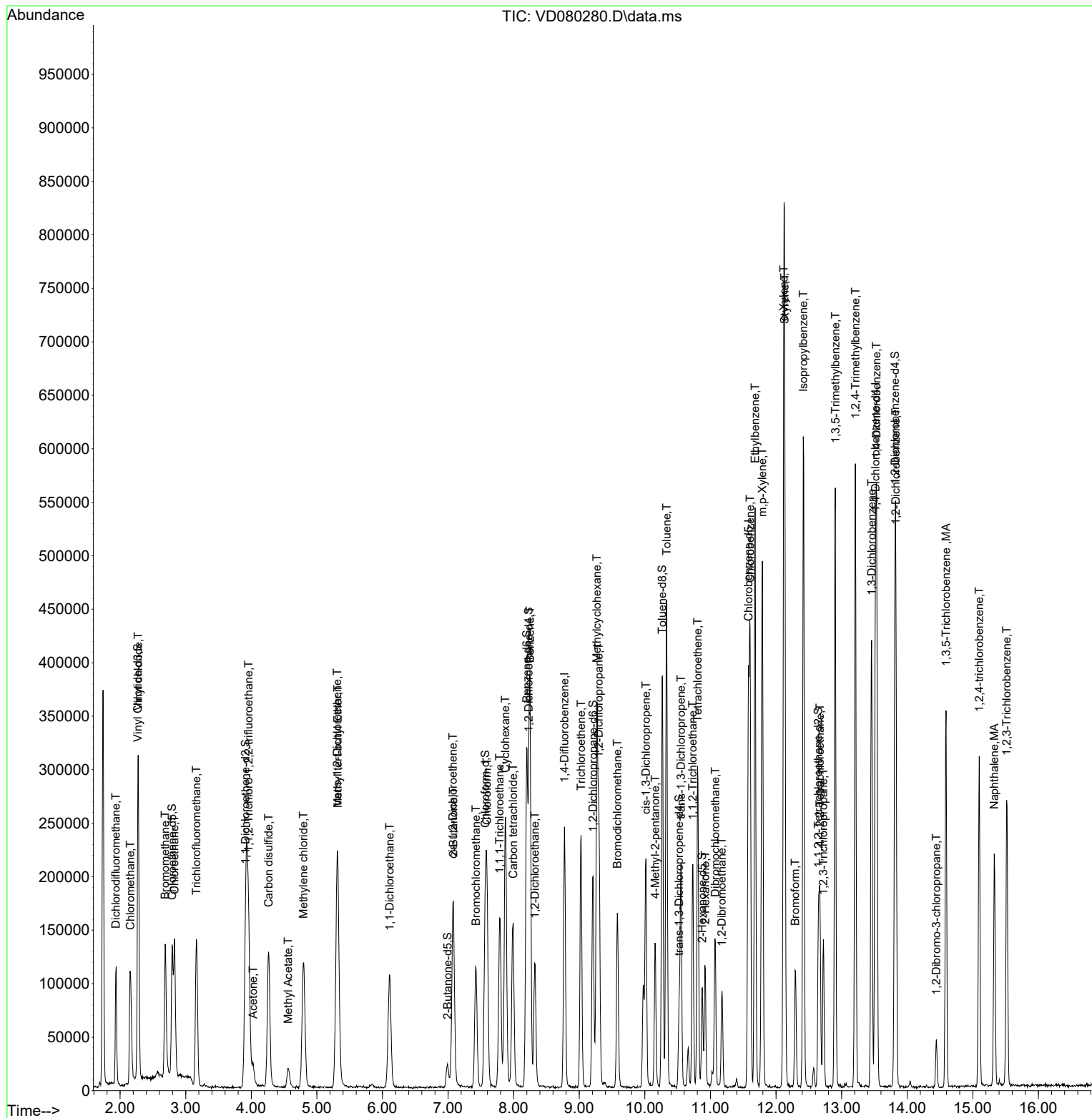
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	131829	28.96	ug/L	97
30) 1,1,1-Trichloroethane	7.787	97	131851	25.95	ug/L	100
31) Carbon tetrachloride	7.993	117	114928	25.77	ug/L	100
33) Benzene	8.252	78	340452	27.10	ug/L	100
34) Trichloroethene	9.028	95	82316	24.54	ug/L	98
35) Methylcyclohexane	9.269	83	132039	27.78	ug/L	99
37) 1,2-Dichloropropane	9.299	63	91834	25.19	ug/L	99
38) Bromodichloromethane	9.581	83	110018	23.78	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	126000	23.85	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	87484	45.35	ug/L	99
42) Toluene	10.334	91	345427	25.74	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	111175	25.20	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	64891	23.77	ug/L	98
46) Tetrachloroethene	10.804	164	66475	25.50	ug/L	98
48) 2-Hexanone	10.922	43	73784	52.79	ug/L	98
49) Dibromochloromethane	11.075	129	73590	23.85	ug/L	94
50) 1,2-Dibromoethane	11.175	107	60696	25.10	ug/L	94
51) Chlorobenzene	11.604	112	217546	24.47	ug/L	96
52) Ethylbenzene	11.681	91	376483	25.76	ug/L	100
53) m,p-Xylene	11.793	106	151187	27.96	ug/L	89
54) o-Xylene	12.116	106	135277	26.35	ug/L	96
55) Styrene	12.134	104	251988	27.08	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	78736	23.82	ug/L	94
59) Bromoform	12.293	173	48843	25.10	ug/L	100
60) Isopropylbenzene	12.416	105	377477	26.69	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	55527	23.86	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	288605	25.90	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	299900	26.48	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	171542	24.27	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	185874	24.42	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	149564	22.89	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	10772	19.56	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.592	180	106258	22.86	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	95174	24.57	ug/L	99
71) Naphthalene	15.328	128	179533	24.68	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	90281	25.82	ug/L	97

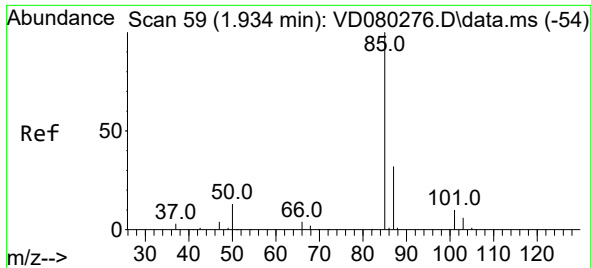
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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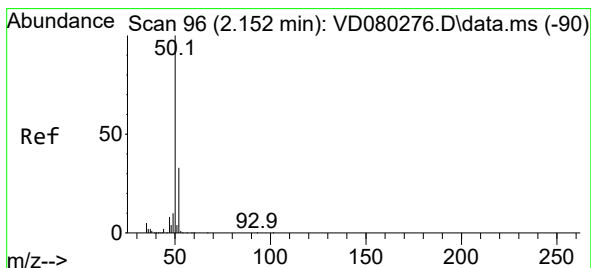
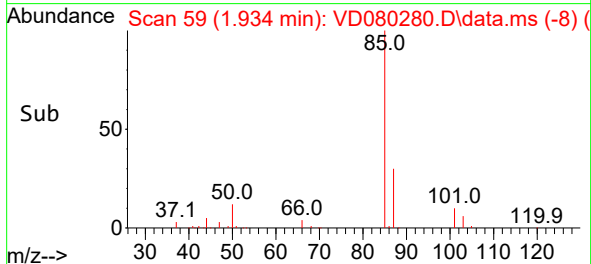
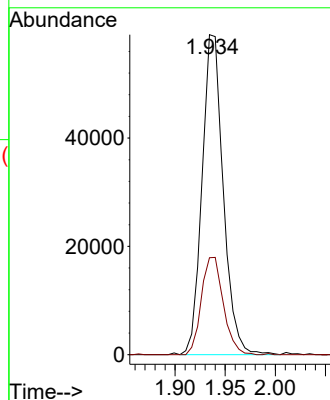
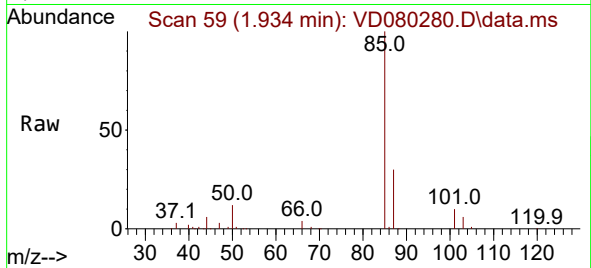




#2
Dichlorodifluoromethane
Concen: 22.99 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

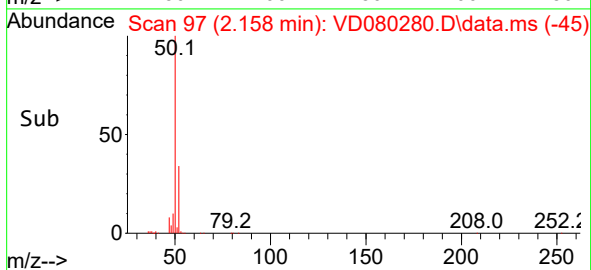
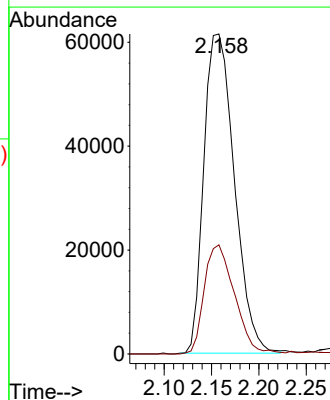
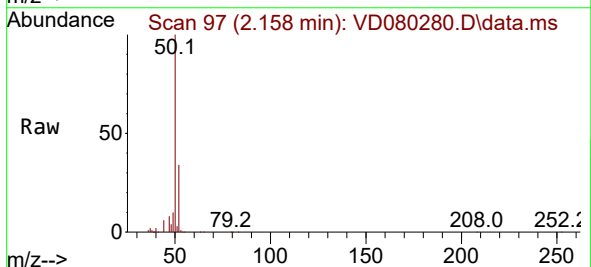
Instrument :
MSVOA_D
ClientSampleId :
VICV875

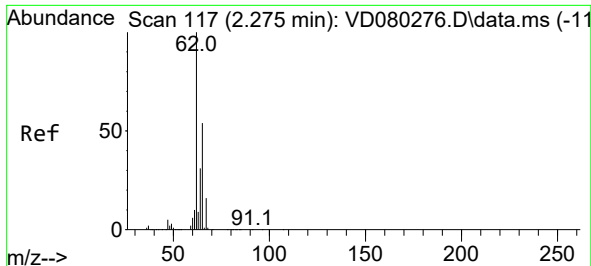
Tgt Ion: 85 Resp: 87252
Ion Ratio Lower Upper
85 100
87 31.4 25.6 38.4



#3
Chloromethane
Concen: 22.45 ug/L
RT: 2.158 min Scan# 97
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 50 Resp: 137677
Ion Ratio Lower Upper
50 100
52 34.1 23.1 42.9

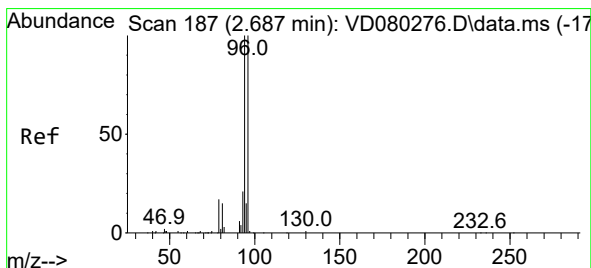
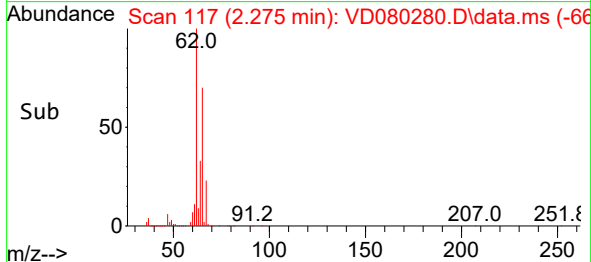
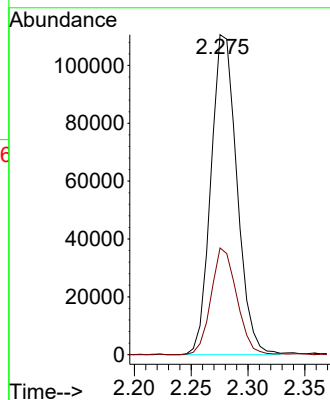
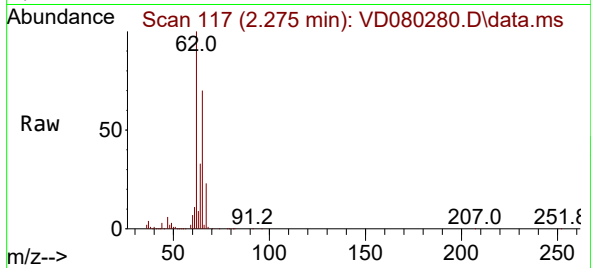




#5
 Vinyl chloride
 Concen: 22.13 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

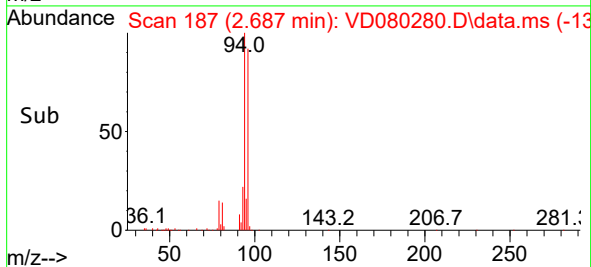
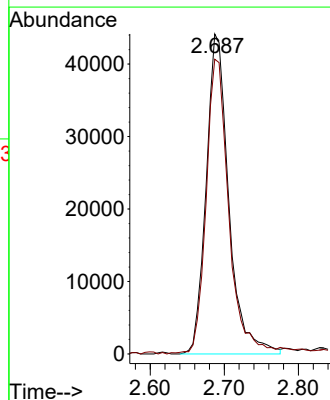
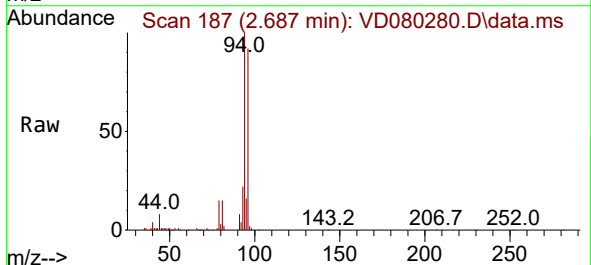
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 ClientSampleId :
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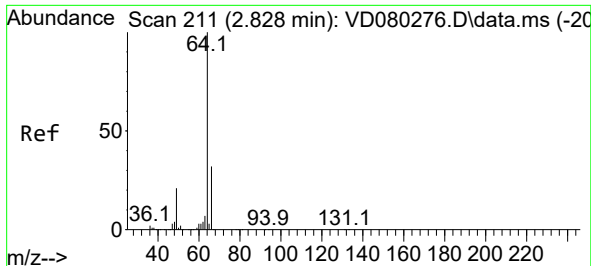
Tgt Ion: 62 Resp: 176488
 Ion Ratio Lower Upper
 62 100
 64 33.3 21.3 39.6



#6
 Bromomethane
 Concen: 22.58 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

Tgt Ion: 94 Resp: 93687
 Ion Ratio Lower Upper
 94 100
 96 92.1 70.3 130.5

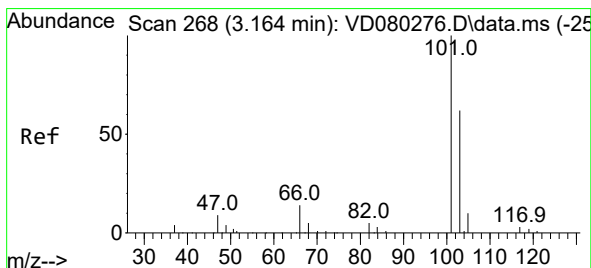
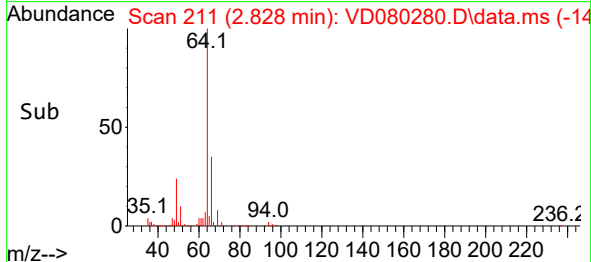
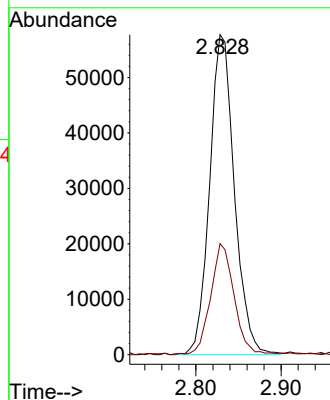
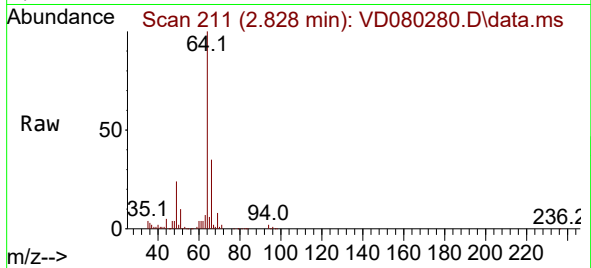




#8
Chloroethane
Concen: 21.59 ug/L
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

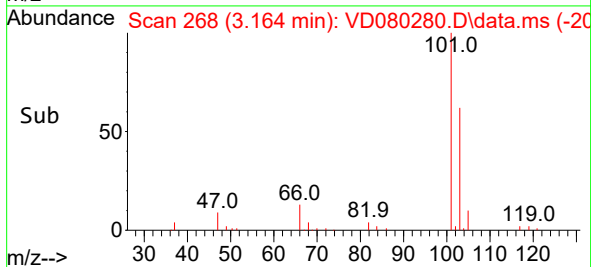
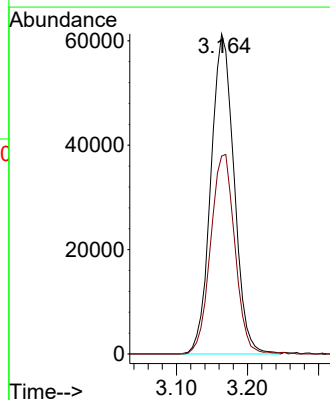
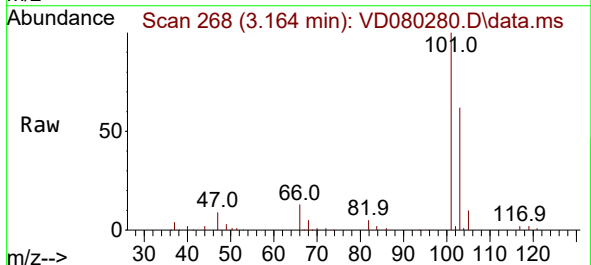
Instrument :
MSVOA_D
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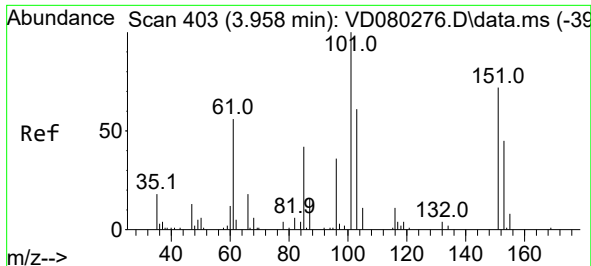
Tgt Ion: 64 Resp: 116411
Ion Ratio Lower Upper
64 100
66 34.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 23.37 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion:101 Resp: 139030
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

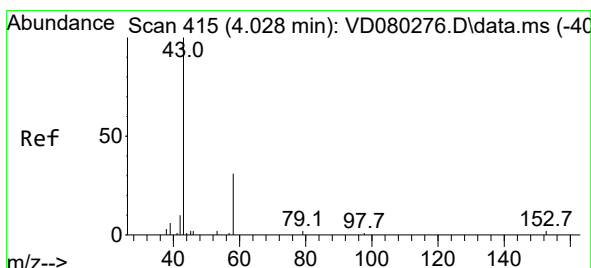
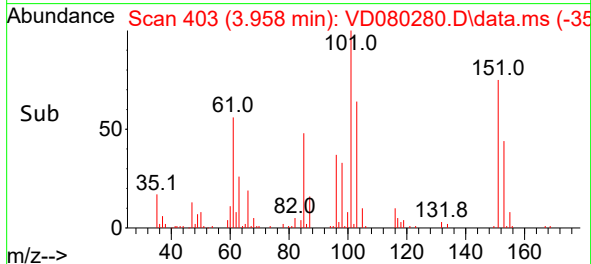
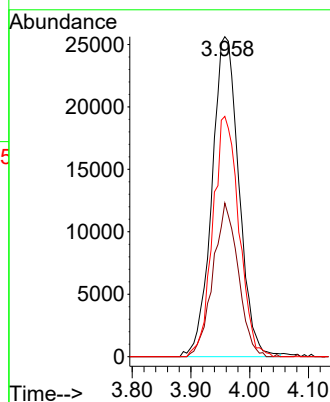
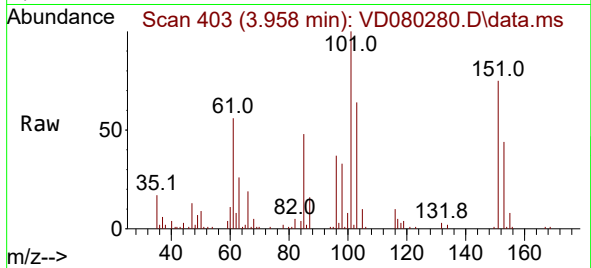




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.28 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

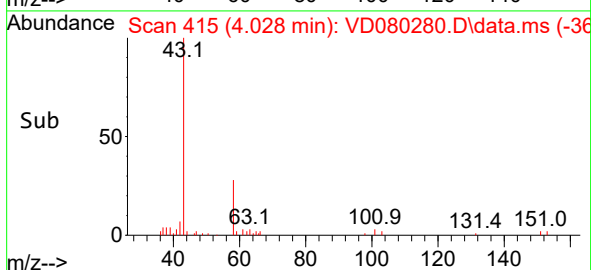
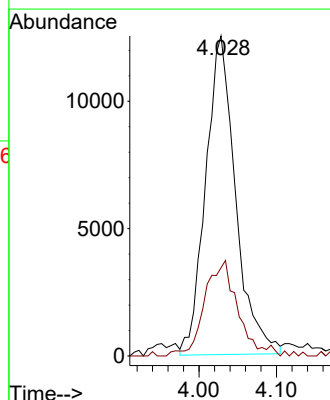
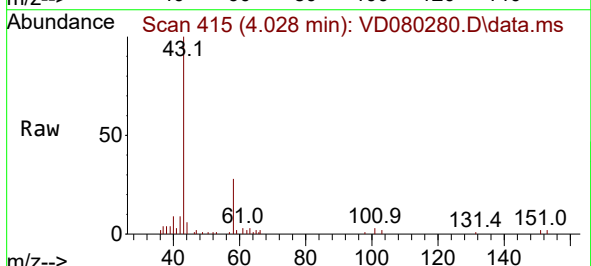
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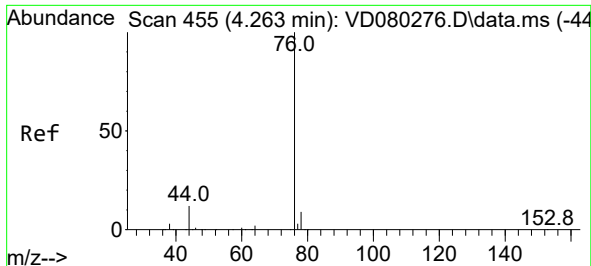
Tgt Ion:101 Resp: 81768
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.7 53.5
 151 71.9 55.6 83.4



#13
 Acetone
 Concen: 44.26 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

Tgt Ion: 43 Resp: 33592
 Ion Ratio Lower Upper
 43 100
 58 31.1 0.0 65.2

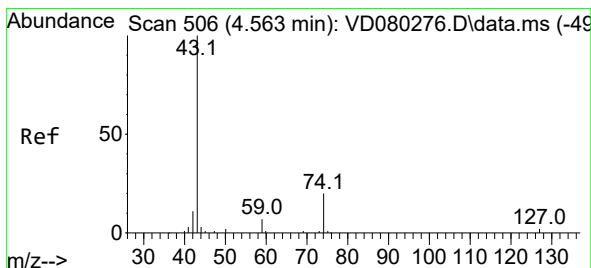
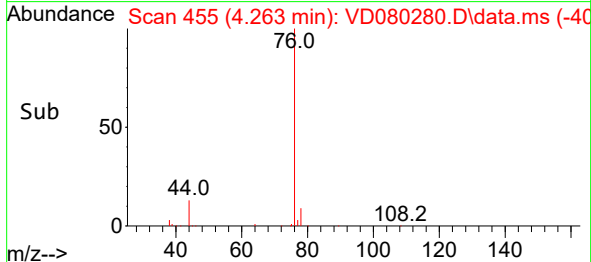
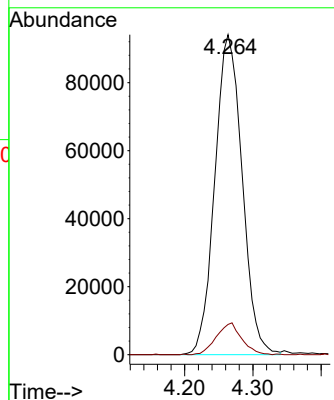
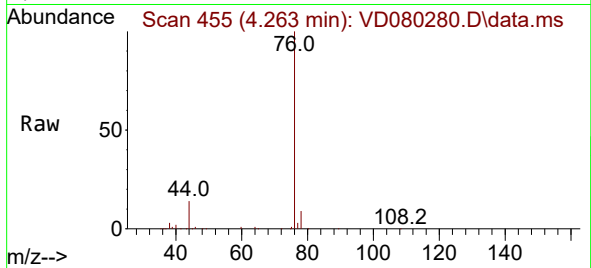




#14
Carbon disulfide
Concen: 23.68 ug/L
RT: 4.263 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

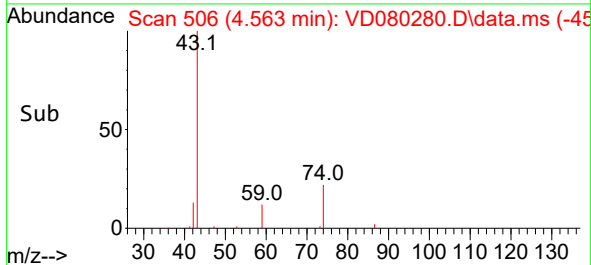
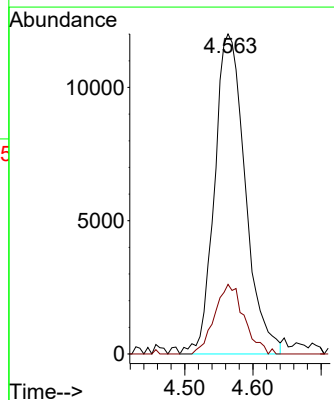
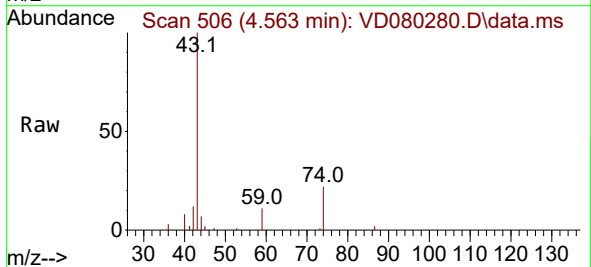
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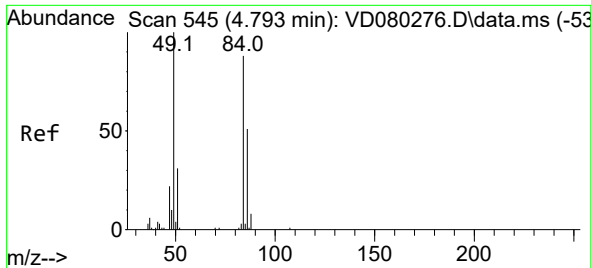
Tgt Ion: 76 Resp: 262410
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#15
Methyl Acetate
Concen: 23.46 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 43 Resp: 37608
Ion Ratio Lower Upper
43 100
74 20.8 17.2 25.8

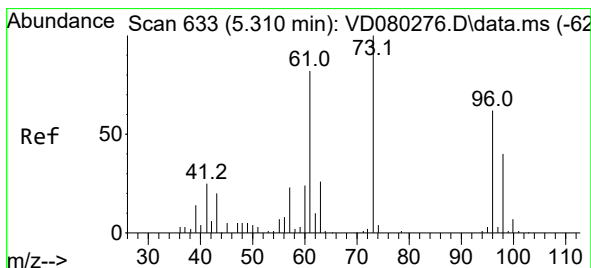
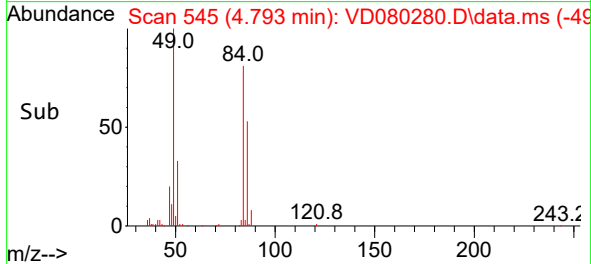
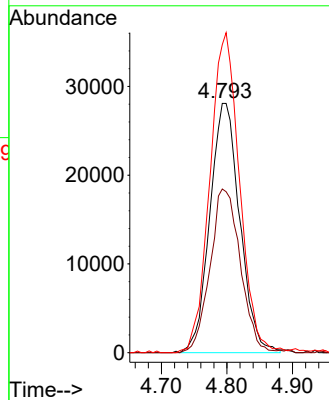
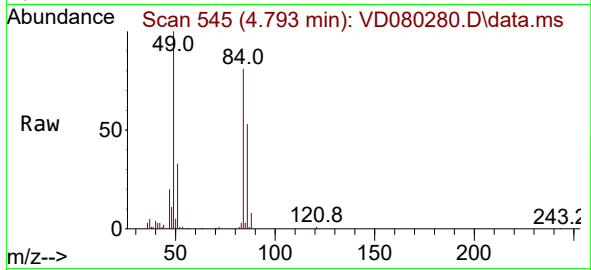




#16
Methylene chloride
Concen: 22.28 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

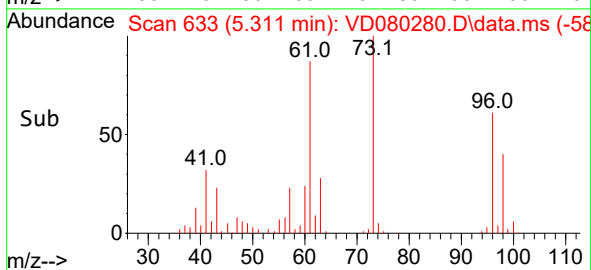
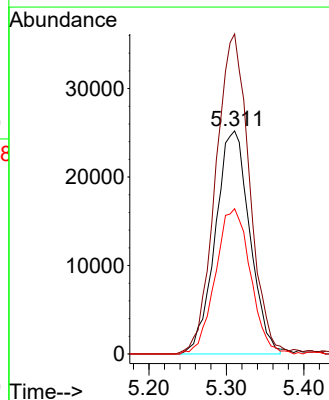
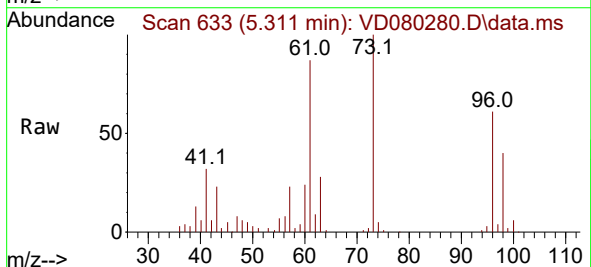
Instrument :
MSVOA_D
ClientSampleId :
VICV875

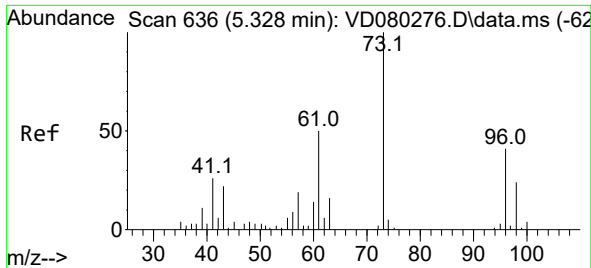
Tgt Ion: 84 Resp: 89114
Ion Ratio Lower Upper
84 100
86 65.7 40.9 75.9
49 123.6 79.7 147.9



#17
trans-1,2-Dichloroethene
Concen: 24.07 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.001 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 96 Resp: 77875
Ion Ratio Lower Upper
96 100
61 143.4 92.4 171.6
98 65.1 45.1 83.7

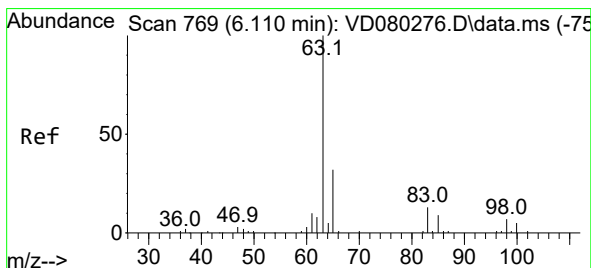
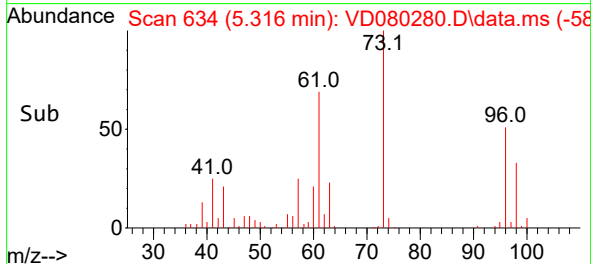
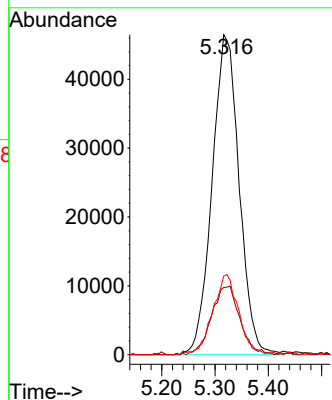
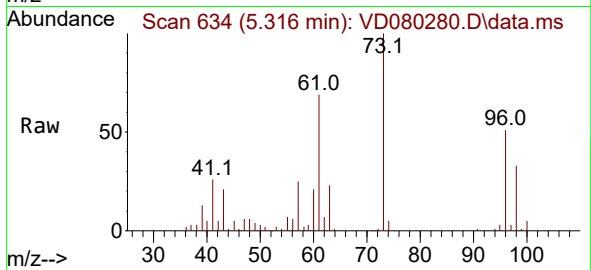




#18
Methyl tert-butyl Ether
Concen: 24.11 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

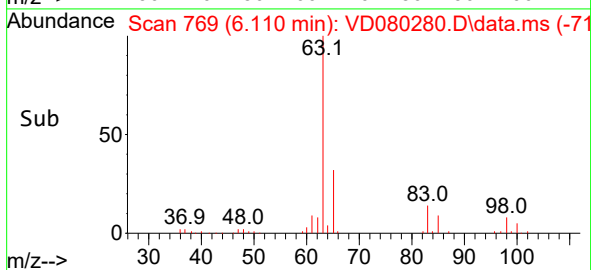
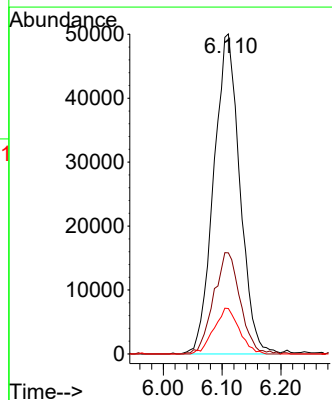
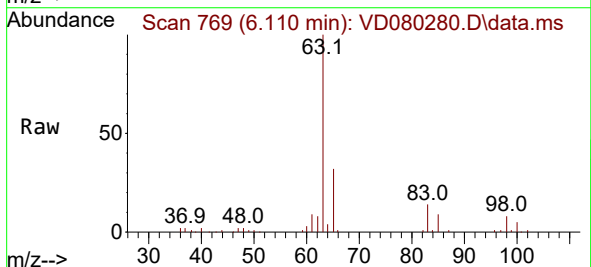
Instrument :
MSVOA_D
ClientSampleId :
VICV875

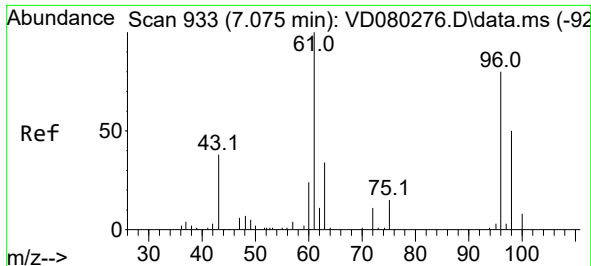
Tgt Ion: 73 Resp: 163824
Ion Ratio Lower Upper
73 100
43 21.4 17.2 25.8
57 23.8 18.8 28.2



#19
1,1-Dichloroethane
Concen: 24.29 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 63 Resp: 154436
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 14.2 8.8 16.3

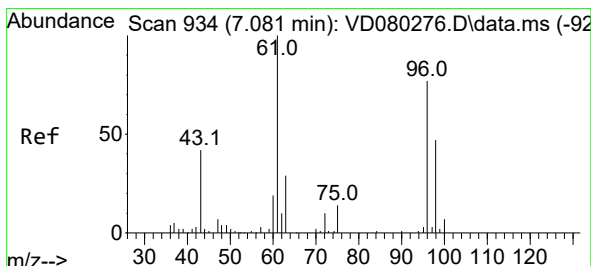
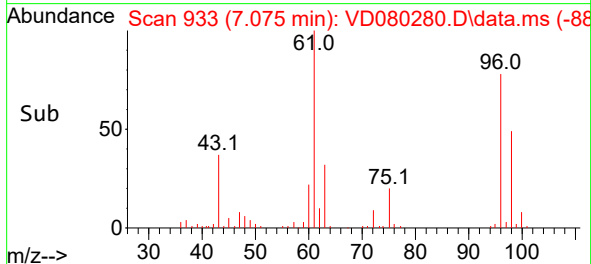
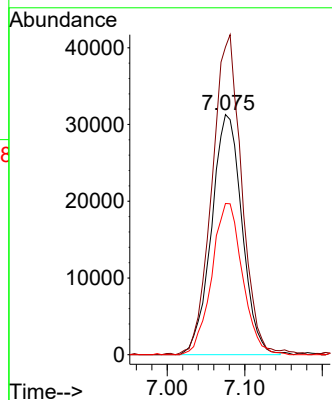
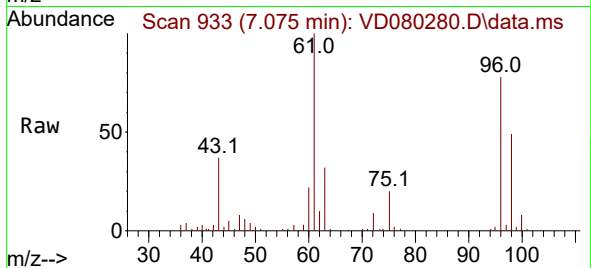




#20
cis-1,2-Dichloroethene
Concen: 24.48 ug/L
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

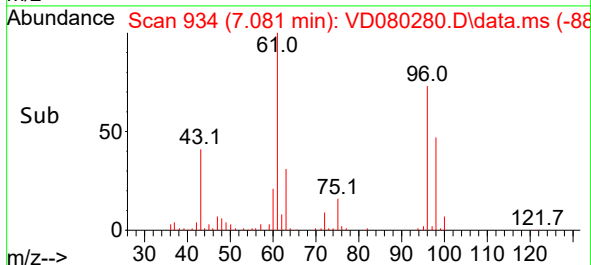
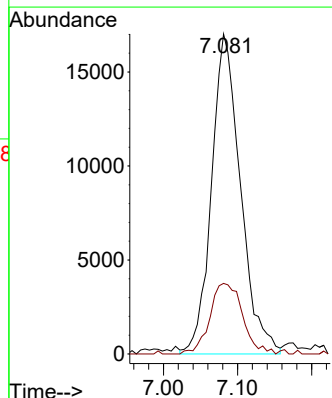
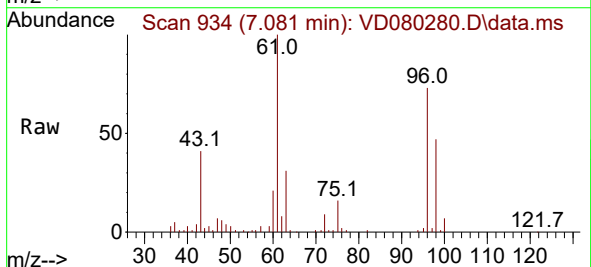
Instrument :
MSVOA_D
ClientSampleId :
VICV875

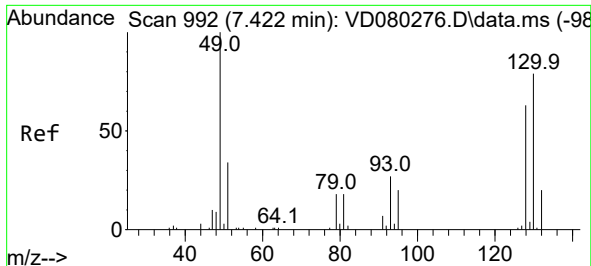
Tgt Ion: 96 Resp: 85393
Ion Ratio Lower Upper
96 100
61 128.1 87.8 163.0
98 62.9 43.7 81.1



#22
2-Butanone
Concen: 48.48 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 43 Resp: 46219
Ion Ratio Lower Upper
43 100
72 24.4 5.9 17.8#



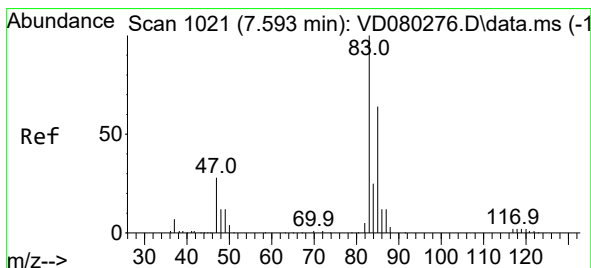
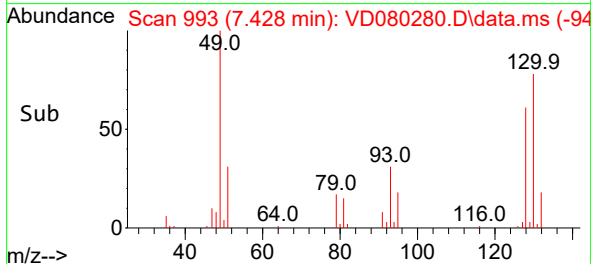
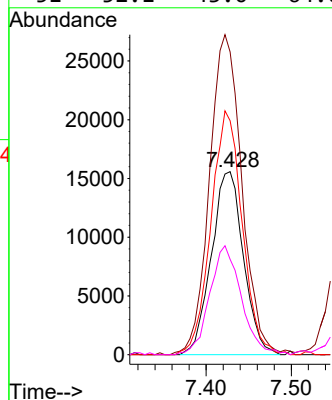
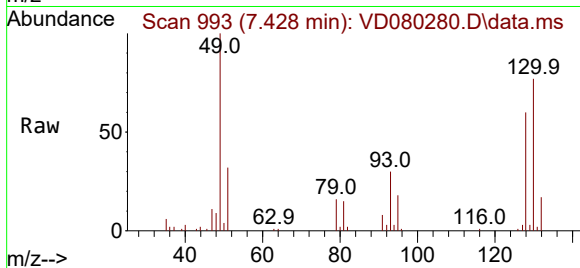


#23
Bromochloromethane
Concen: 24.45 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Instrument :
MSVOA_D
ClientSampleId :
VICV875

Tgt Ion:128 Resp: 40737

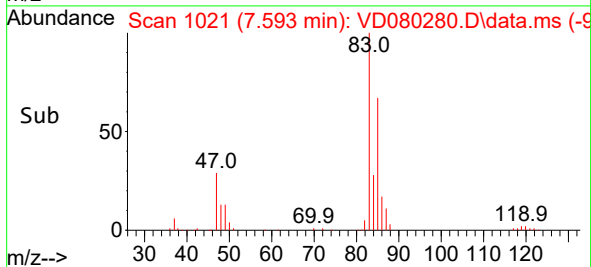
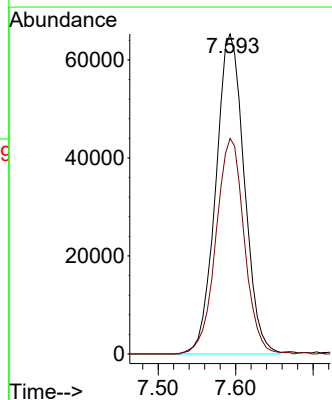
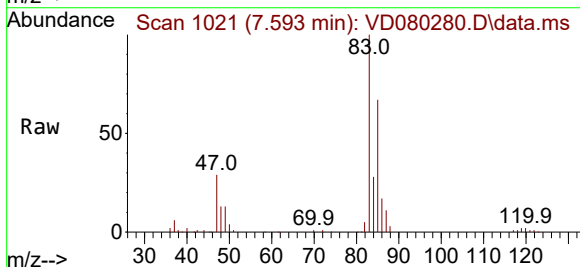
Ion	Ratio	Lower	Upper
128	100		
49	165.5	112.6	209.0
130	127.8	89.7	166.5
51	52.1	43.0	64.6

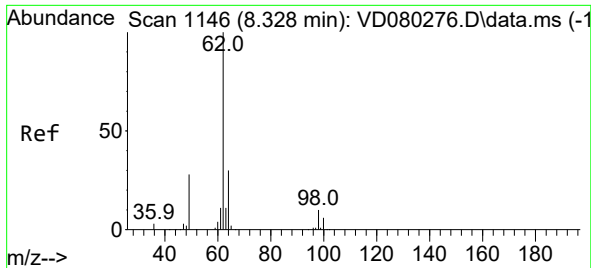


#25
Chloroform
Concen: 24.53 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 83 Resp: 166816

Ion	Ratio	Lower	Upper
83	100		
85	67.4	45.1	83.7





#27

1,2-Dichloroethane

Concen: 24.21 ug/L

RT: 8.322 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

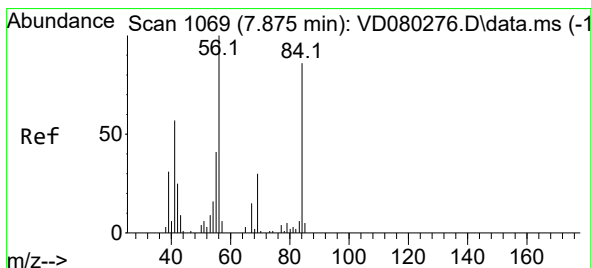
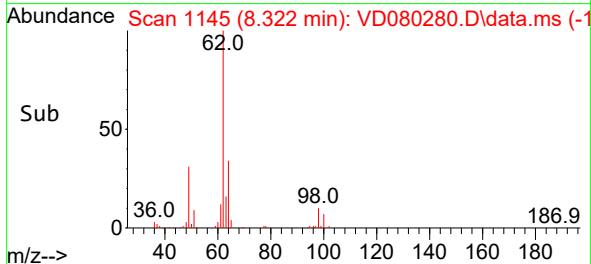
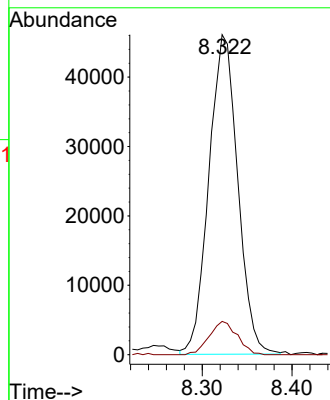
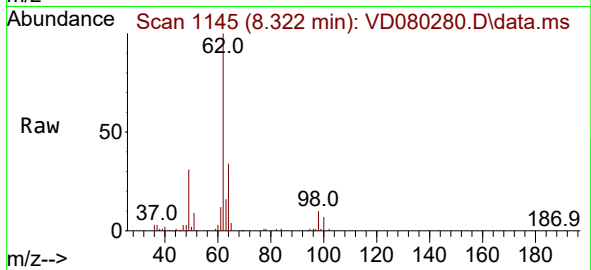
VICV875

Tgt Ion: 62 Resp: 102809

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.2



#29

Cyclohexane

Concen: 28.96 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

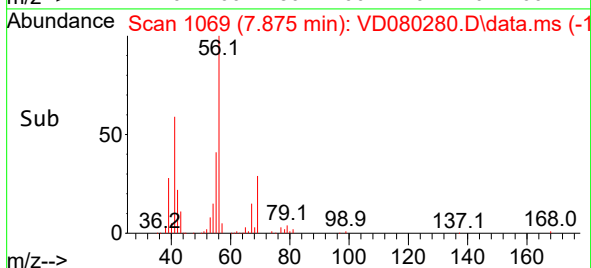
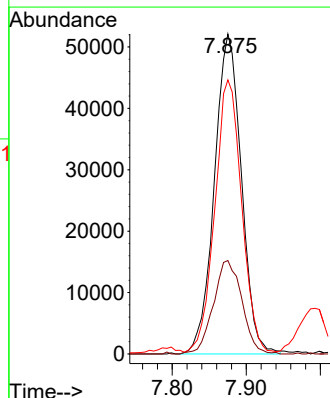
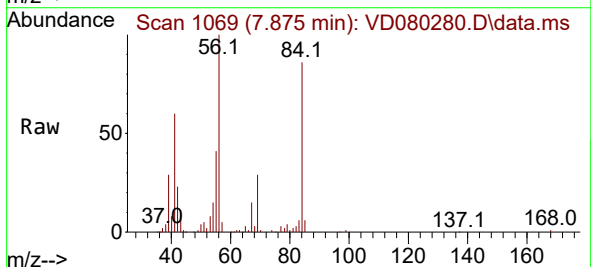
Tgt Ion: 56 Resp: 131829

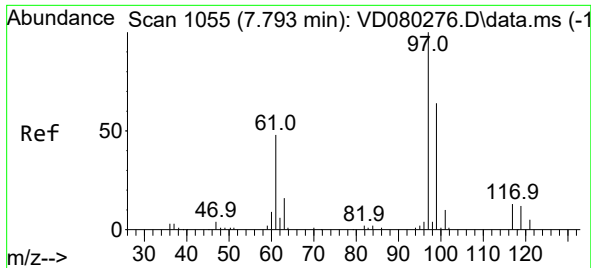
Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

84 85.3 71.4 107.2

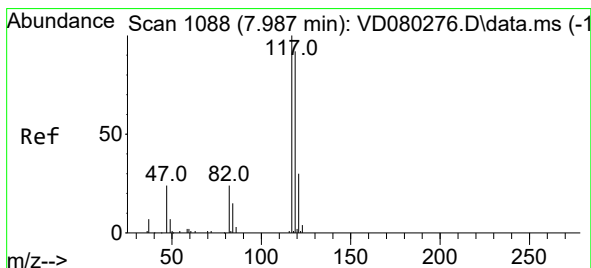
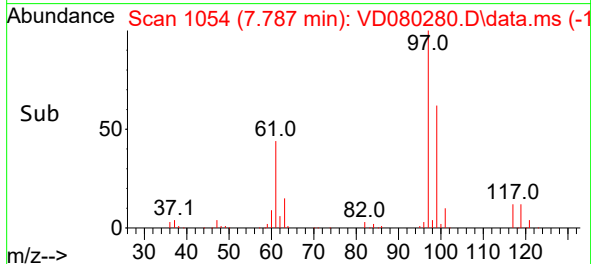
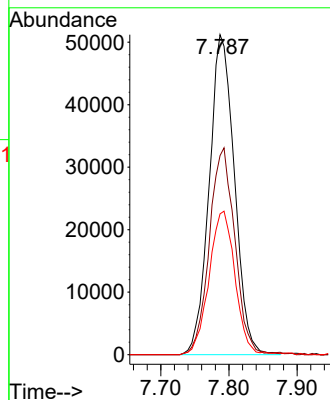
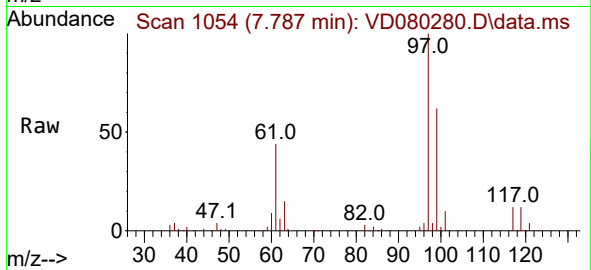




#30
1,1,1-Trichloroethane
Concen: 25.95 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

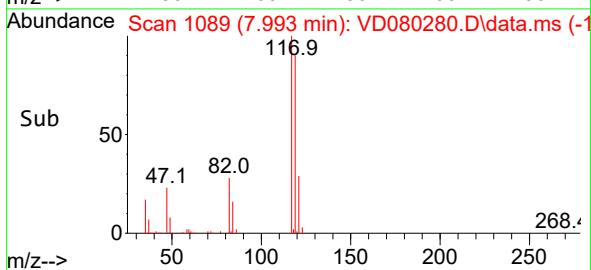
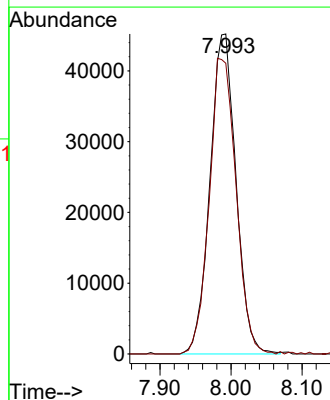
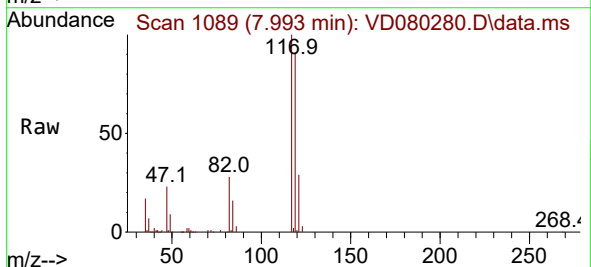
Instrument :
MSVOA_D
ClientSampleId :
VICV875

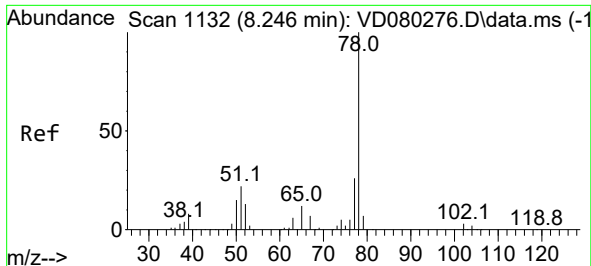
Tgt Ion: 97 Resp: 131851
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 45.9 36.7 55.1



#31
Carbon tetrachloride
Concen: 25.77 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 117 Resp: 114928
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0

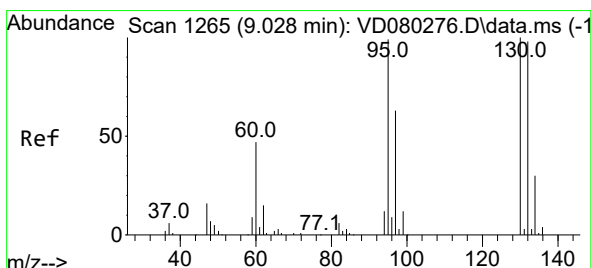
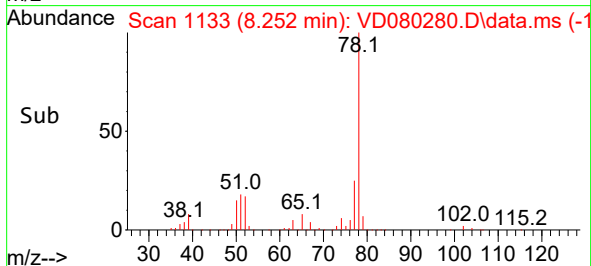
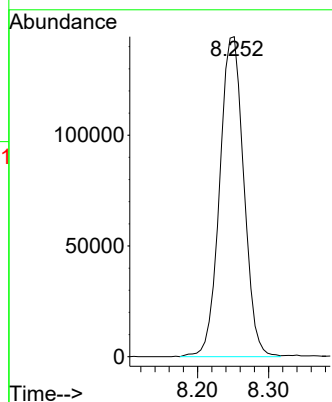
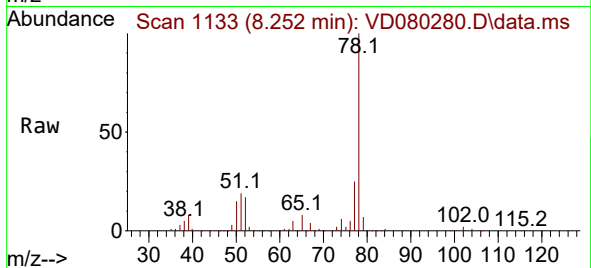




#33
Benzene
Concen: 27.10 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Instrument :
MSVOA_D
ClientSampleId :
VICV875

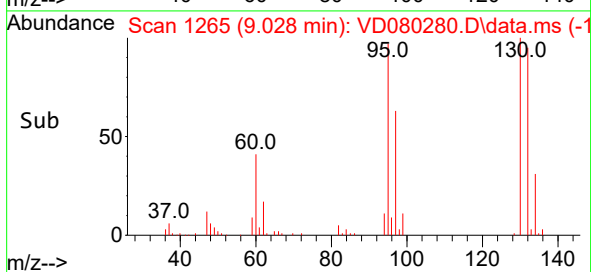
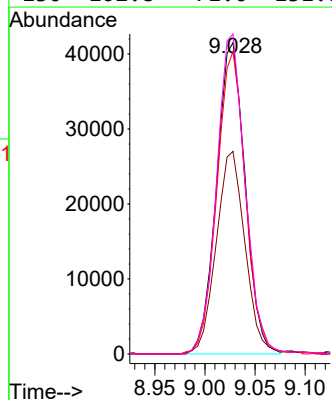
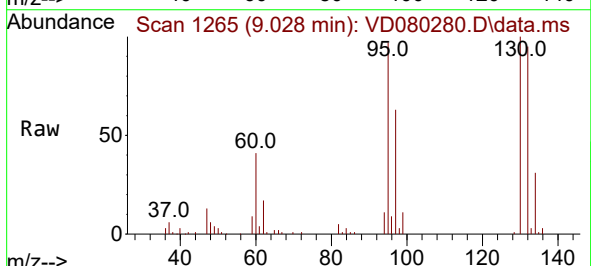
Tgt Ion: 78 Resp: 340452

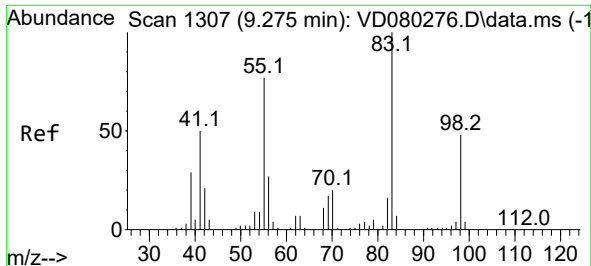


#34
Trichloroethene
Concen: 24.54 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 95 Resp: 82316

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.7
132	97.2	69.5	129.1
130	102.8	71.0	131.8





#35

Methylcyclohexane

Concen: 27.78 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

VICV875

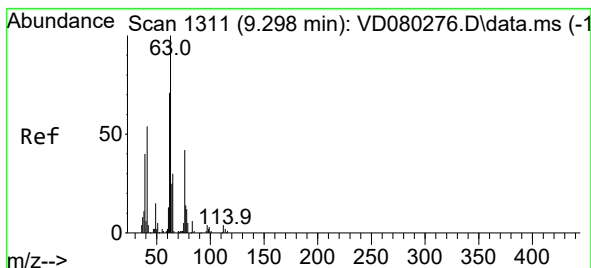
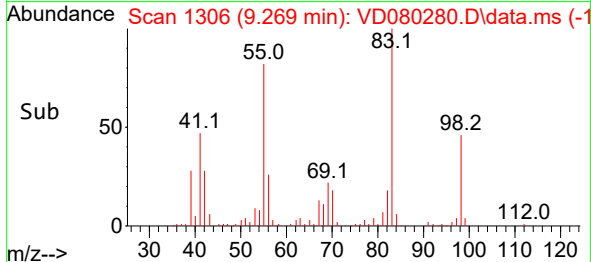
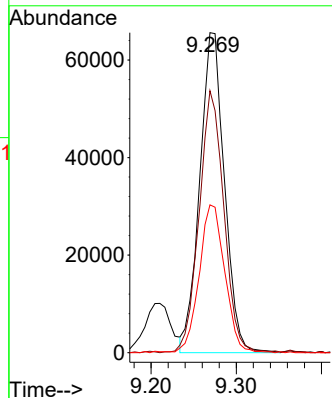
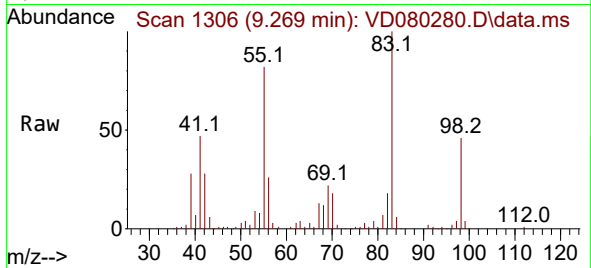
Tgt Ion: 83 Resp: 132039

Ion Ratio Lower Upper

83 100

55 81.2 65.0 97.6

98 47.8 39.0 58.6



#37

1,2-Dichloropropane

Concen: 25.19 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. 0.001 min

Lab File: VD080280.D

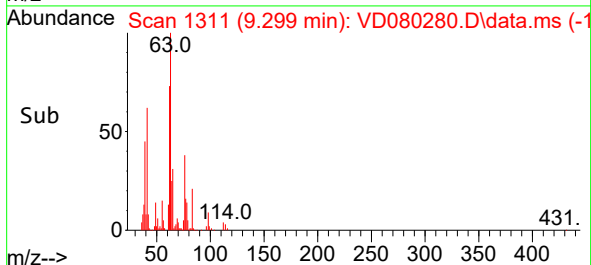
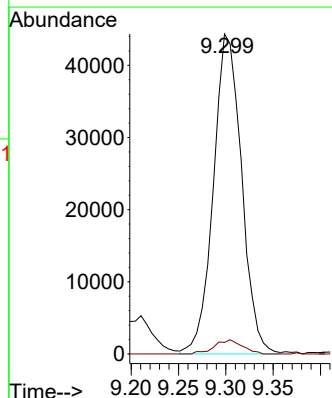
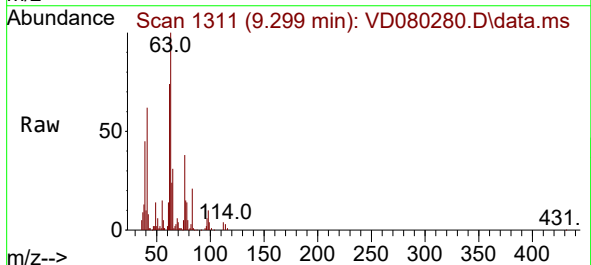
Acq: 18 Mar 2025 13:50

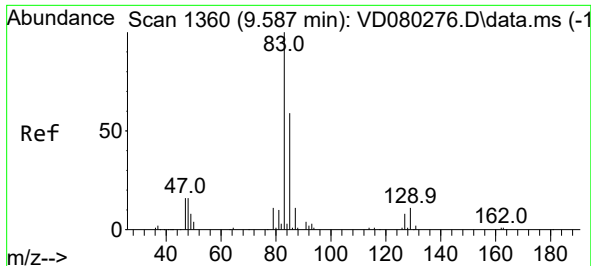
Tgt Ion: 63 Resp: 91834

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2

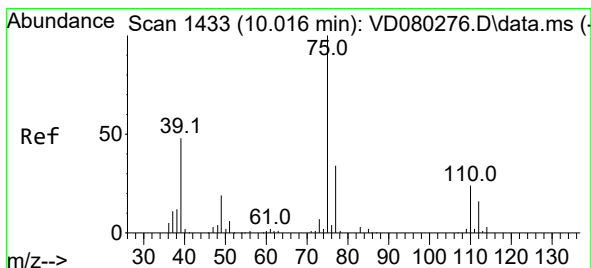
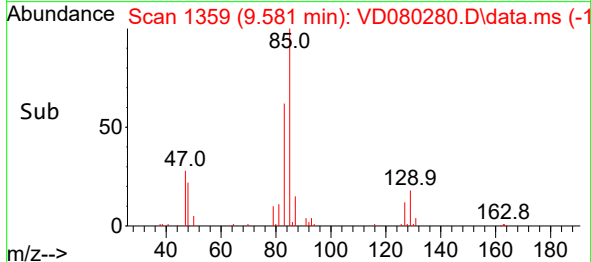
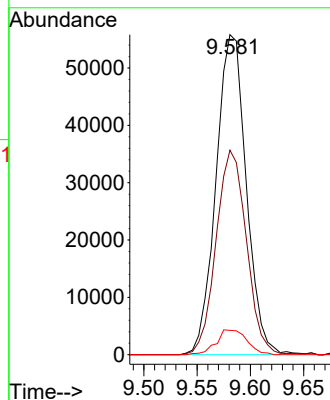
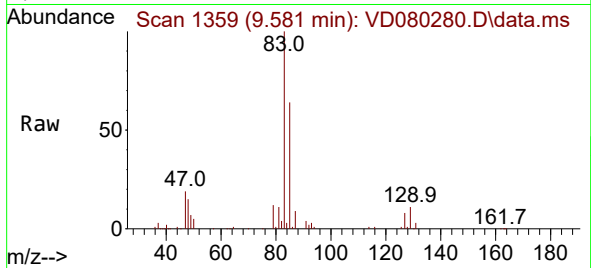




#38
Bromodichloromethane
Concen: 23.78 ug/L
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

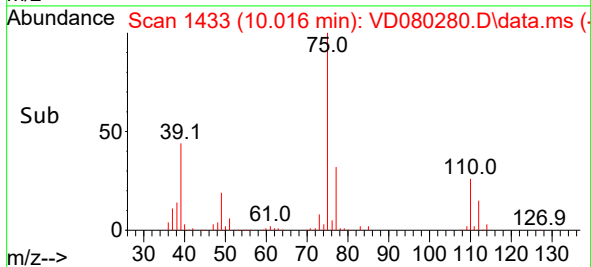
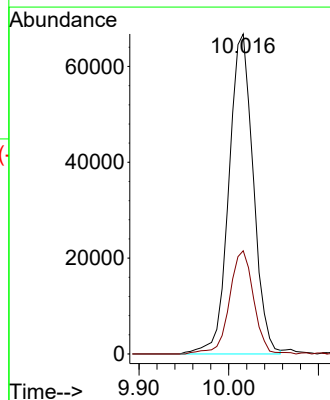
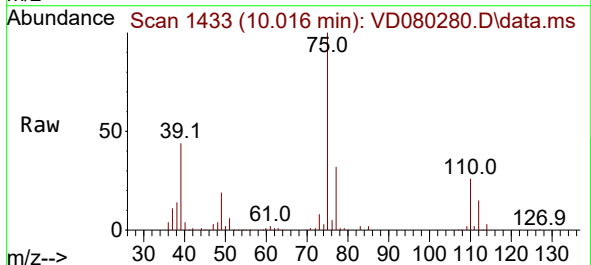
Instrument :
MSVOA_D
ClientSampleId :
VICV875

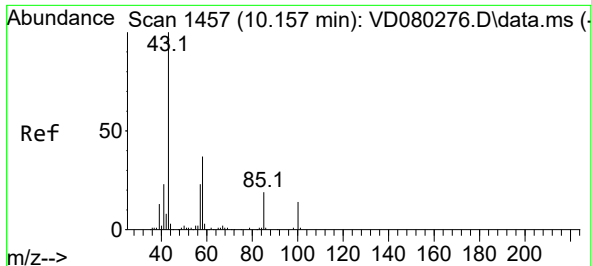
Tgt Ion: 83 Resp: 110018
Ion Ratio Lower Upper
83 100
85 63.9 41.4 77.0
127 7.6 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 23.85 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 75 Resp: 126000
Ion Ratio Lower Upper
75 100
77 32.2 23.7 43.9

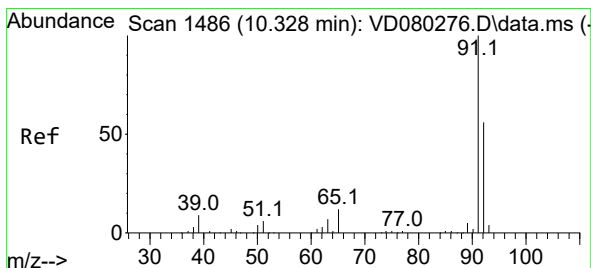
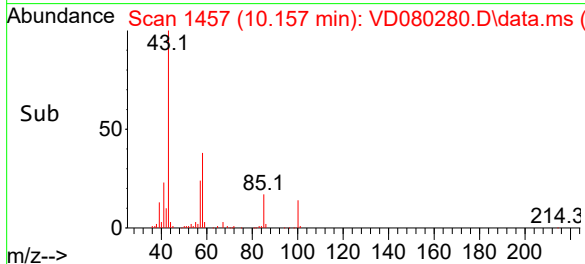
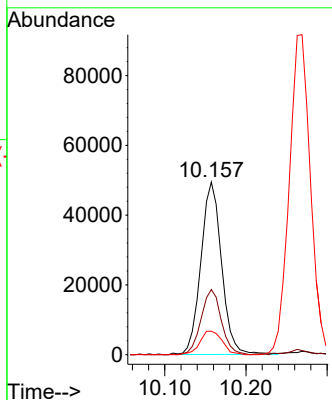
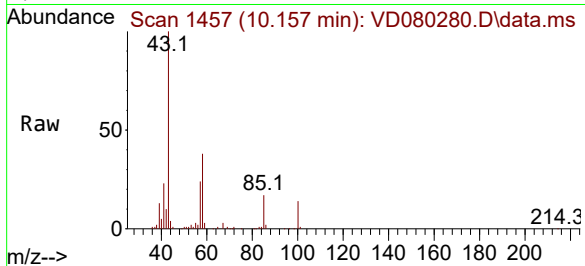




#40
4-Methyl-2-pentanone
Concen: 45.35 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

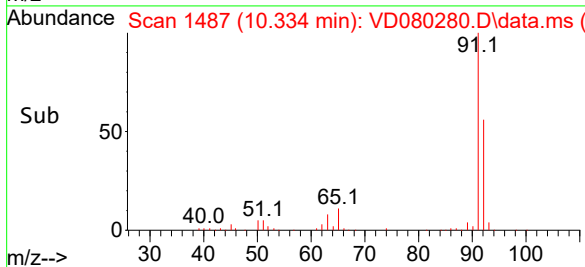
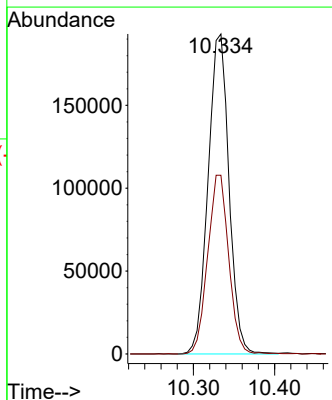
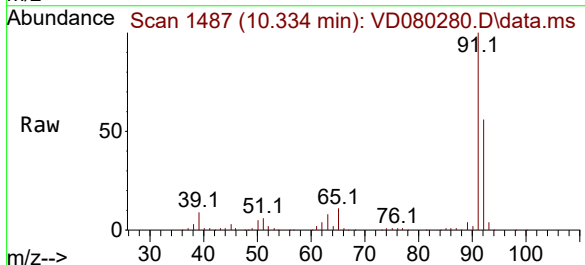
Instrument :
MSVOA_D
ClientSampleId :
VICV875

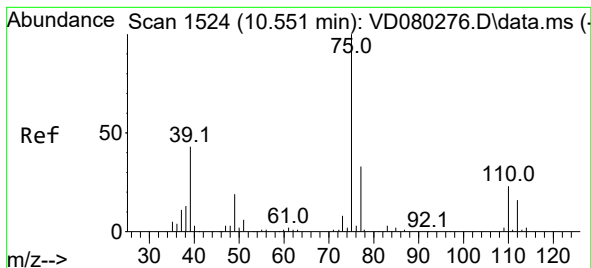
Tgt Ion: 43 Resp: 87484
Ion Ratio Lower Upper
43 100
58 36.9 29.9 44.9
100 14.7 11.3 16.9



#42
Toluene
Concen: 25.74 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 91 Resp: 345427
Ion Ratio Lower Upper
91 100
92 55.8 38.9 72.3





#44

trans-1,3-Dichloropropene

Concen: 25.20 ug/L

RT: 10.551 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

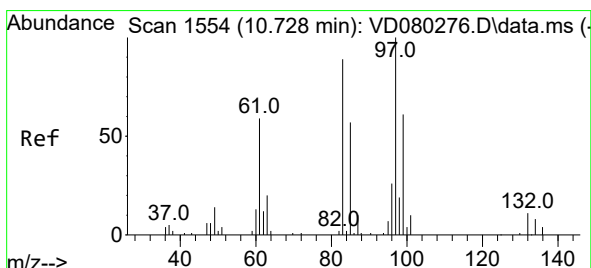
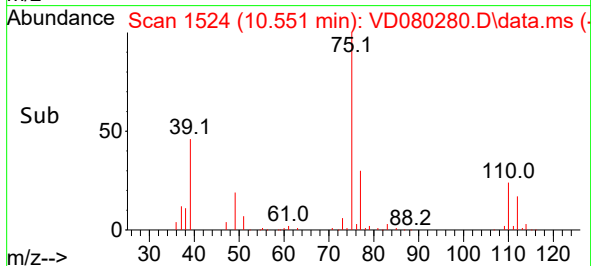
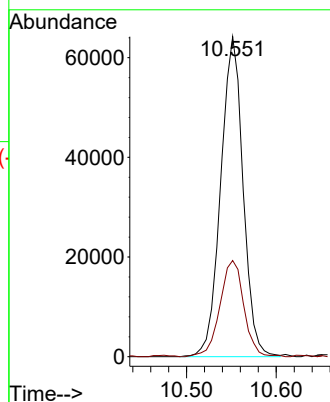
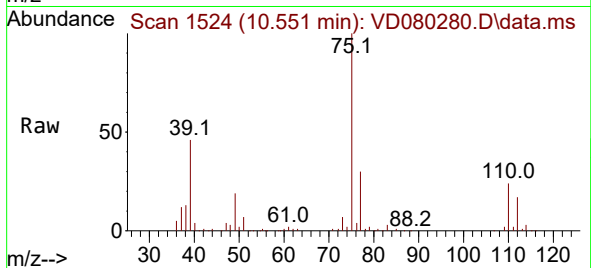
VICV875

Tgt Ion: 75 Resp: 111175

Ion Ratio Lower Upper

75 100

77 30.1 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 23.77 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Tgt Ion: 97 Resp: 64891

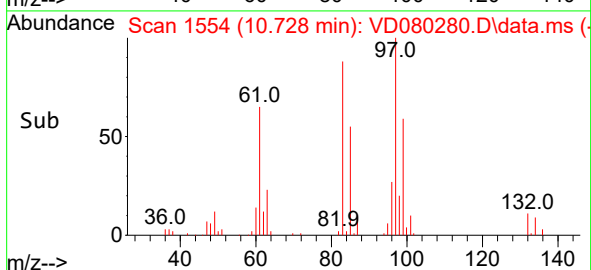
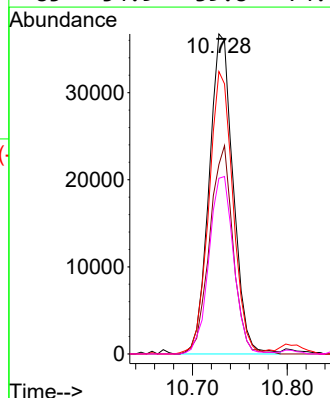
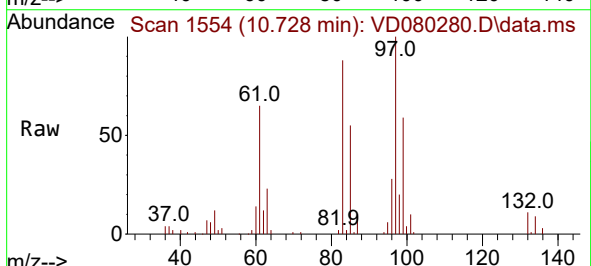
Ion Ratio Lower Upper

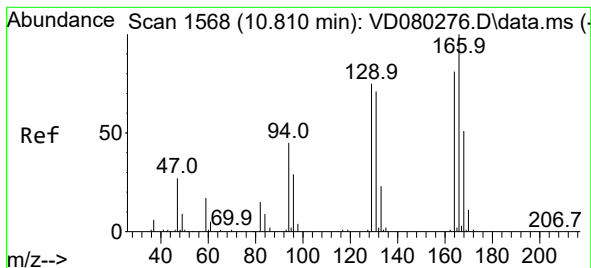
97 100

99 59.2 43.0 79.8

83 88.2 62.2 115.4

85 54.9 39.8 74.0





#46

Tetrachloroethene

Concen: 25.50 ug/L

RT: 10.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

VICV875

Tgt Ion:164 Resp: 66475

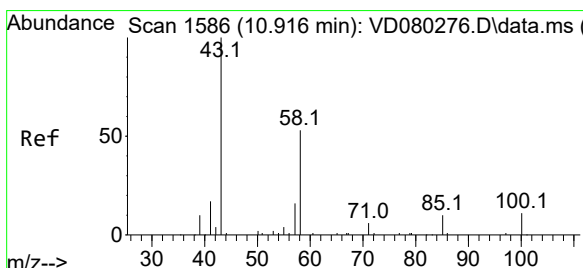
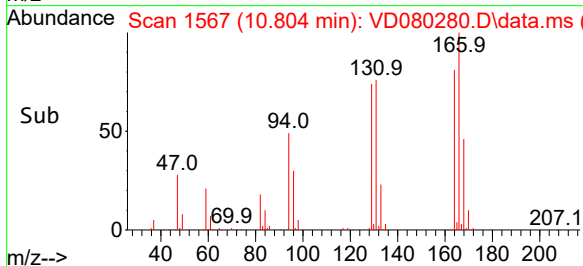
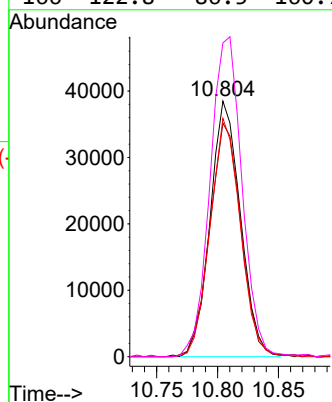
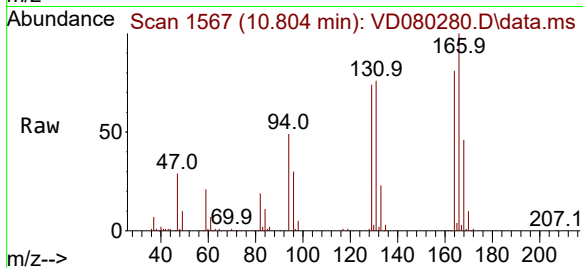
Ion Ratio Lower Upper

164 100

129 91.3 64.9 120.5

131 93.2 61.5 114.3

166 122.8 86.5 160.7



#48

2-Hexanone

Concen: 52.79 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Tgt Ion: 43 Resp: 73784

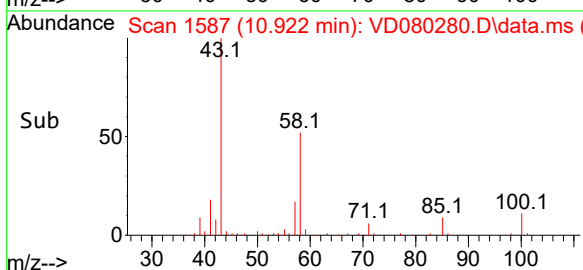
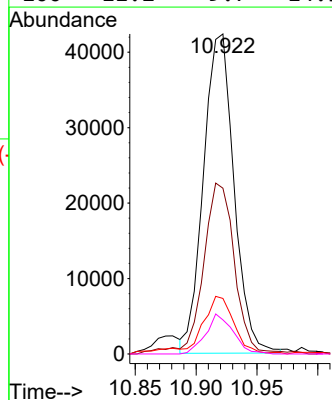
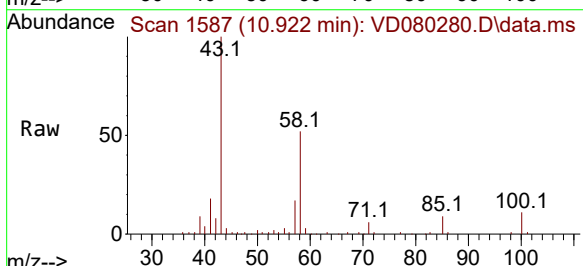
Ion Ratio Lower Upper

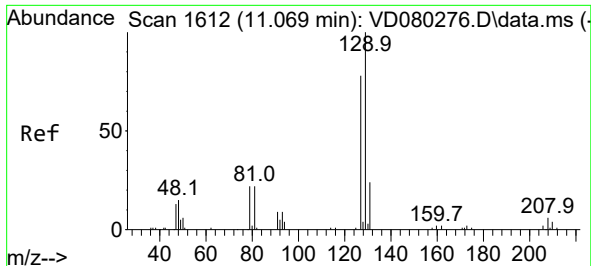
43 100

58 54.9 42.8 64.2

57 17.7 15.0 22.4

100 11.2 9.7 14.5

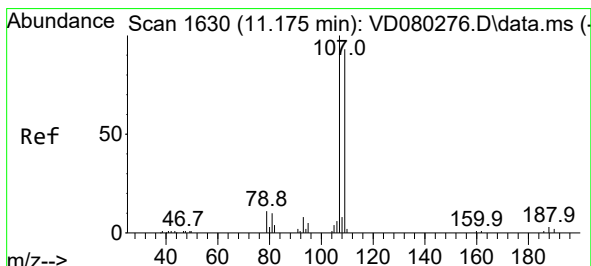
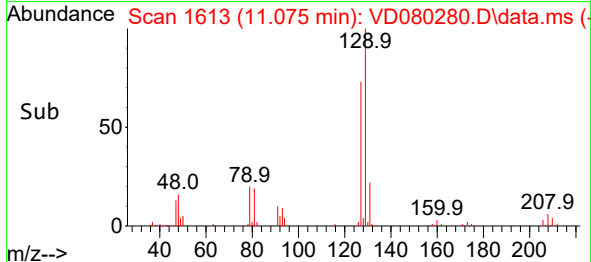
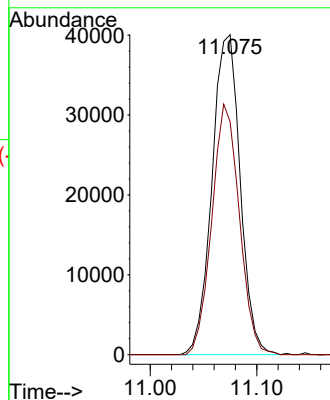
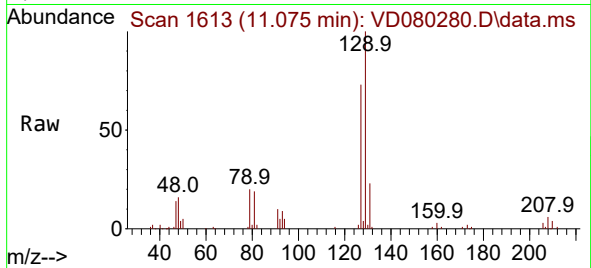




#49
Dibromochloromethane
Concen: 23.85 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

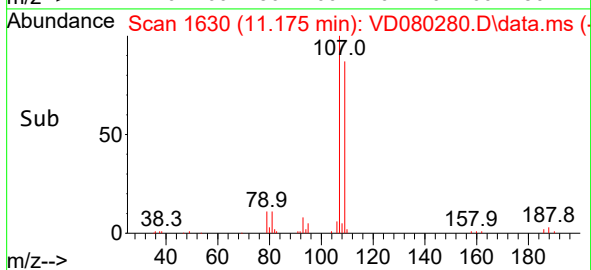
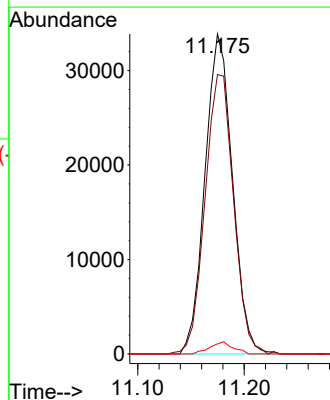
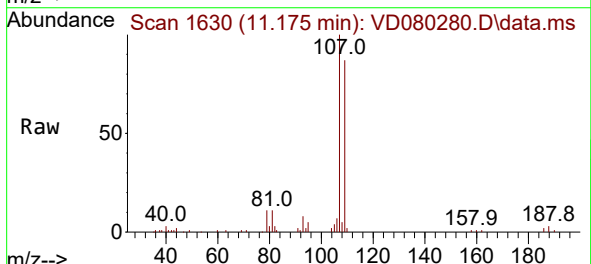
Instrument :
MSVOA_D
ClientSampleId :
VICV875

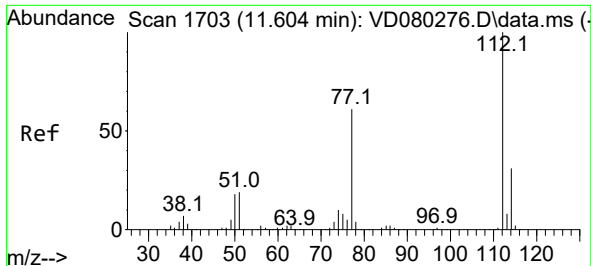
Tgt Ion:129 Resp: 73590
Ion Ratio Lower Upper
129 100
127 72.8 54.9 101.9



#50
1,2-Dibromoethane
Concen: 25.10 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion:107 Resp: 60696
Ion Ratio Lower Upper
107 100
109 87.3 65.5 121.6
188 3.1 2.2 3.2

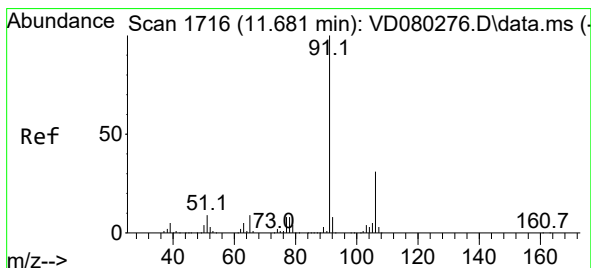
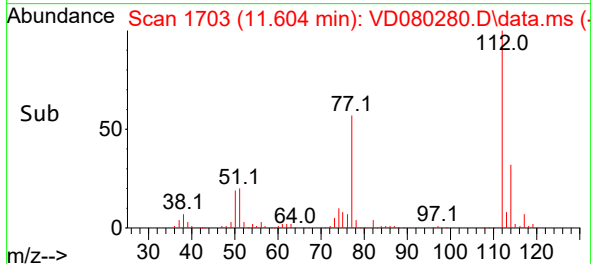
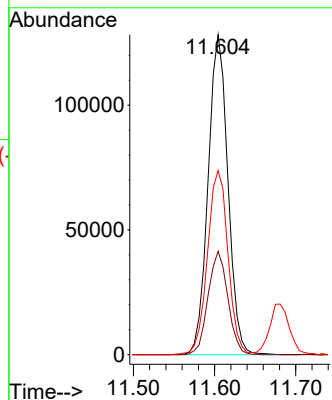
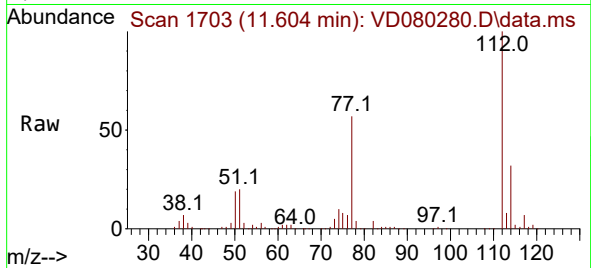




#51
Chlorobenzene
Concen: 24.47 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

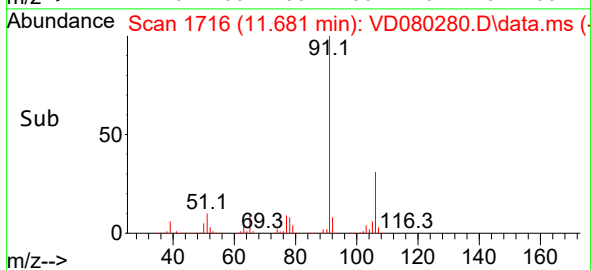
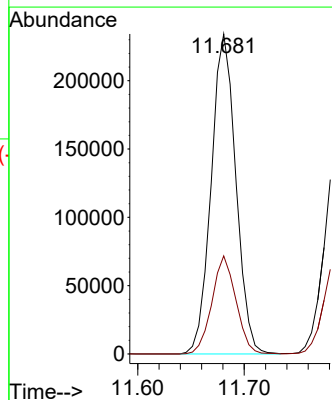
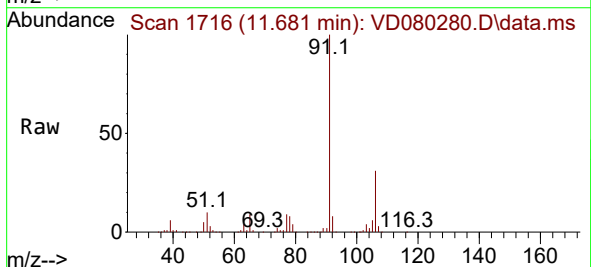
Instrument :
MSVOA_D
ClientSampleId :
VICV875

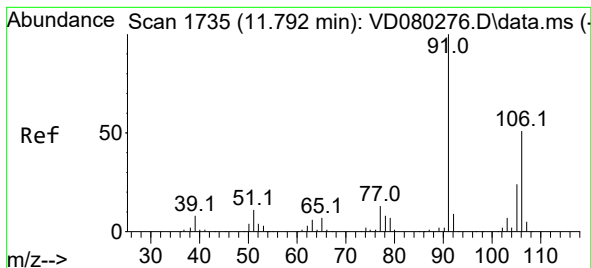
Tgt Ion:112 Resp: 217546
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 57.5 48.8 73.2



#52
Ethylbenzene
Concen: 25.76 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion: 91 Resp: 376483
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8





#53

m,p-Xylene

Concen: 27.96 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

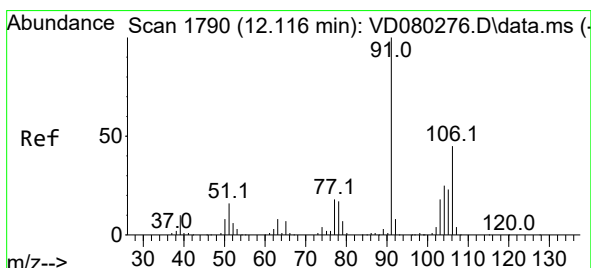
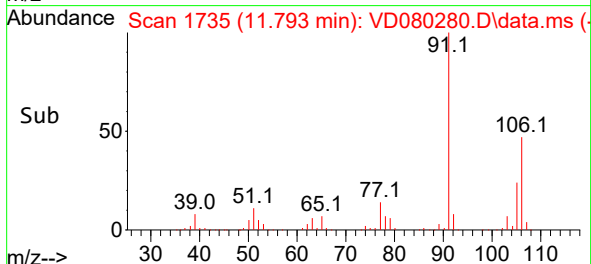
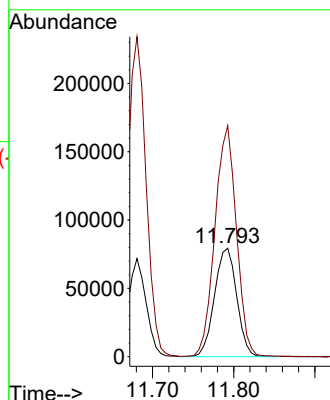
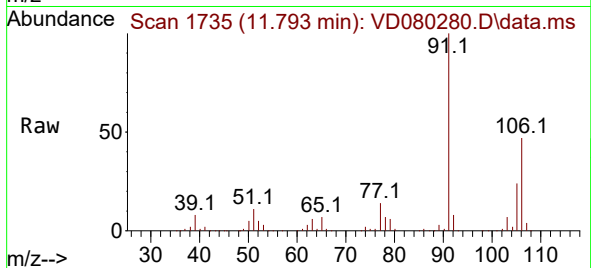
VICV875

Tgt Ion:106 Resp: 151187

Ion Ratio Lower Upper

106 100

91 212.9 138.0 256.2



#54

o-Xylene

Concen: 26.35 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080280.D

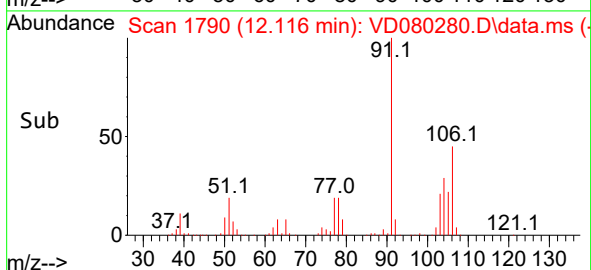
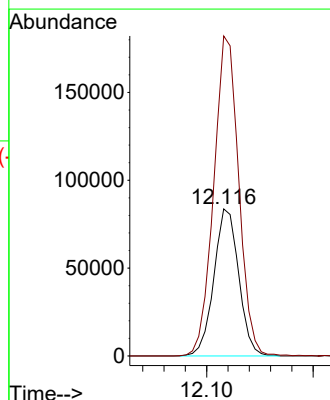
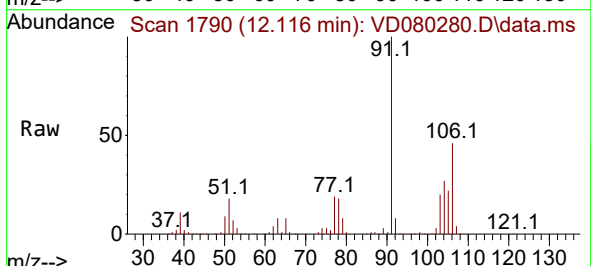
Acq: 18 Mar 2025 13:50

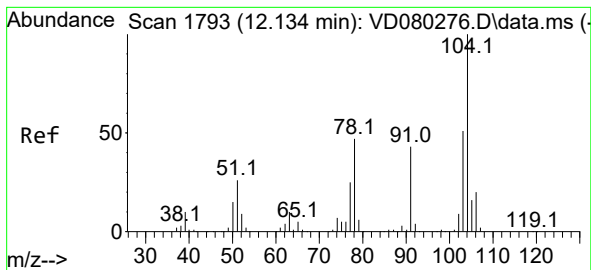
Tgt Ion:106 Resp: 135277

Ion Ratio Lower Upper

106 100

91 217.7 156.5 290.7





#55

Styrene

Concen: 27.08 ug/L

RT: 12.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

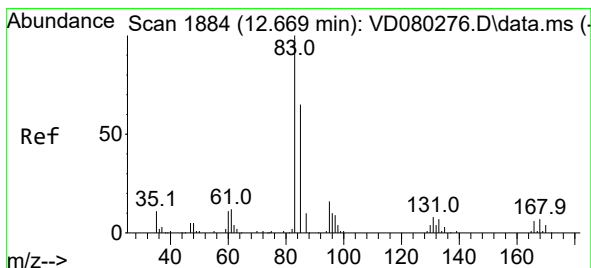
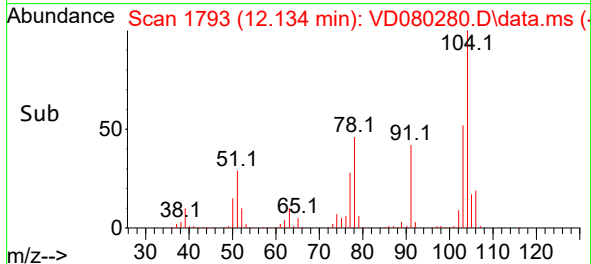
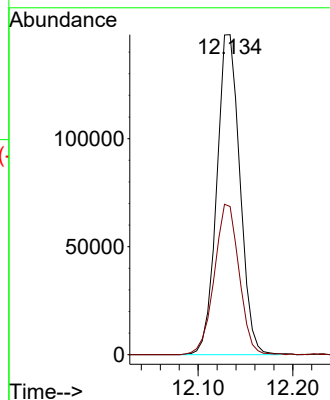
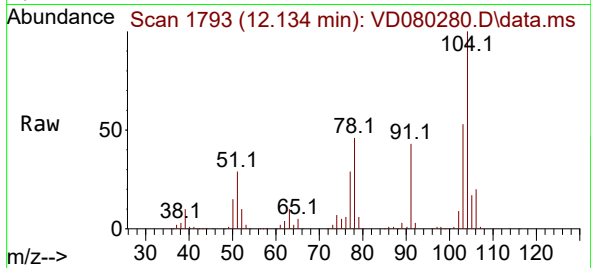
VICV875

Tgt Ion:104 Resp: 251988

Ion Ratio Lower Upper

104 100

78 46.3 32.7 60.7



#57

1,1,2,2-Tetrachloroethane

Concen: 23.82 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

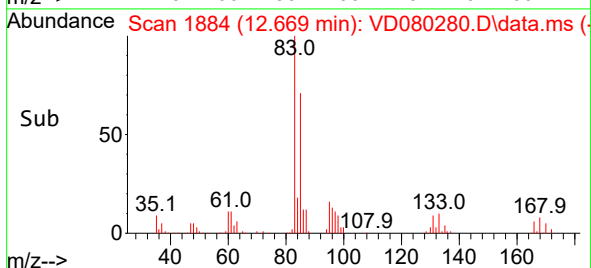
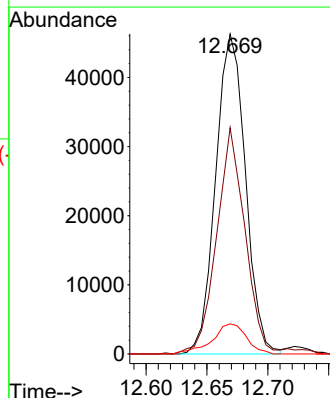
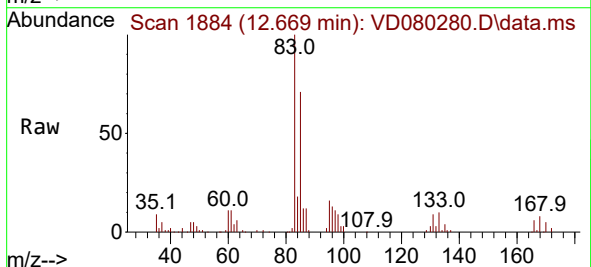
Tgt Ion: 83 Resp: 78736

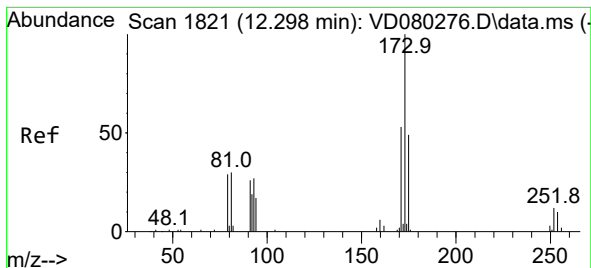
Ion Ratio Lower Upper

83 100

85 70.7 46.1 85.7

131 9.4 6.9 10.3





#59

Bromoform

Concen: 25.10 ug/L

RT: 12.293 min Scan# 1821

Delta R.T. -0.005 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

VICV875

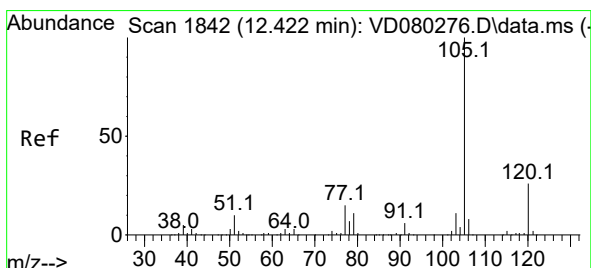
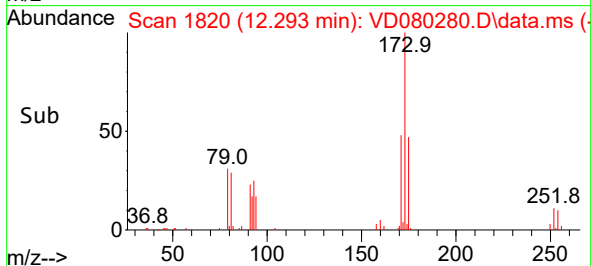
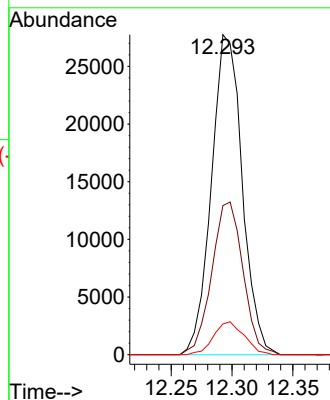
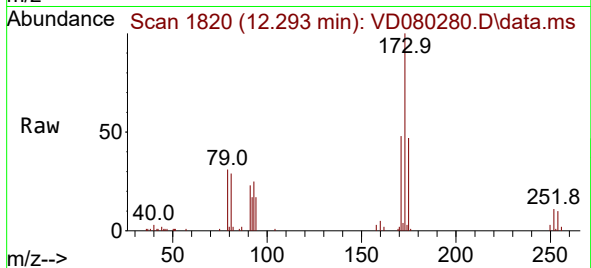
Tgt Ion:173 Resp: 48843

Ion Ratio Lower Upper

173 100

175 48.3 38.8 58.2

254 10.2 7.8 11.6



#60

Isopropylbenzene

Concen: 26.69 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

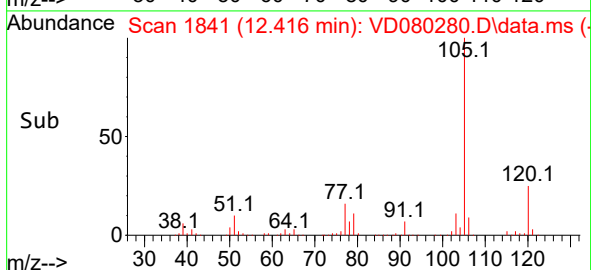
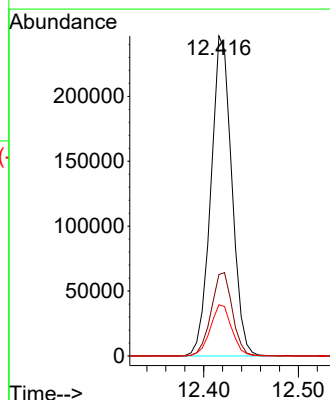
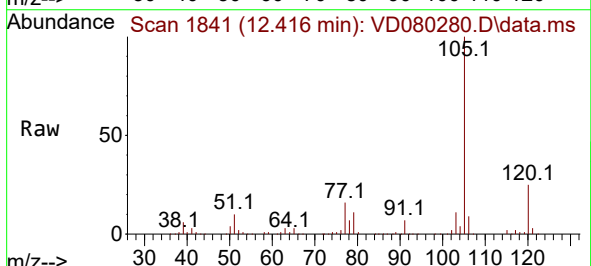
Tgt Ion:105 Resp: 377477

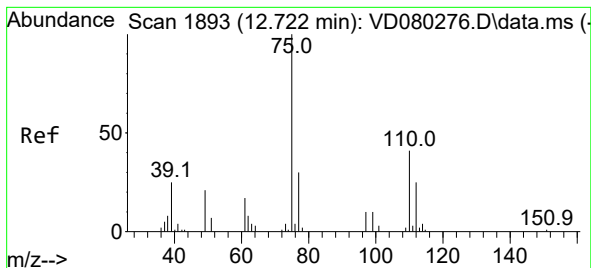
Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 16.4 12.5 18.7





#61

1,2,3-Trichloropropane

Concen: 23.86 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

VICV875

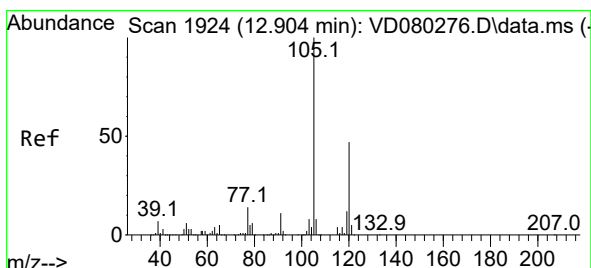
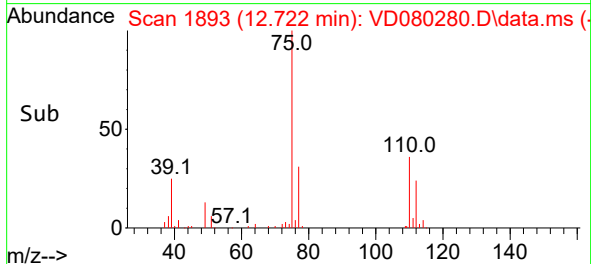
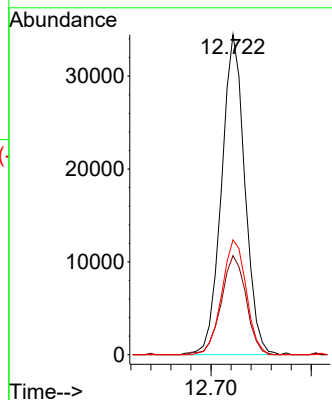
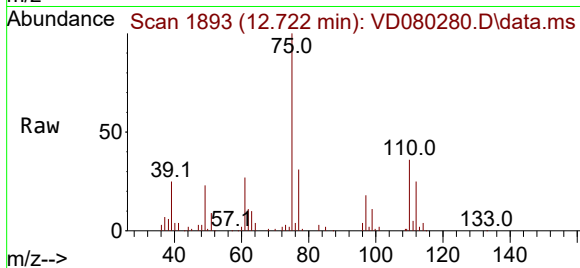
Tgt Ion: 75 Resp: 55527

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

110 37.5 30.7 46.1



#62

1,3,5-Trimethylbenzene

Concen: 25.90 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080280.D

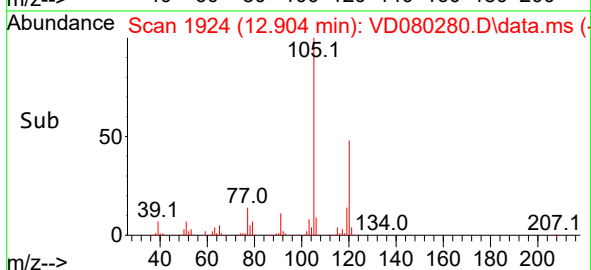
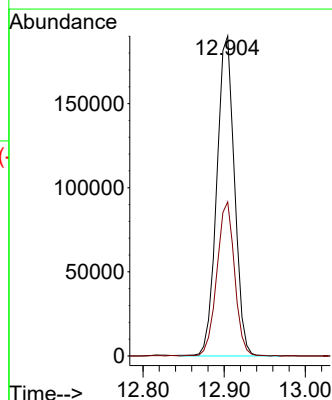
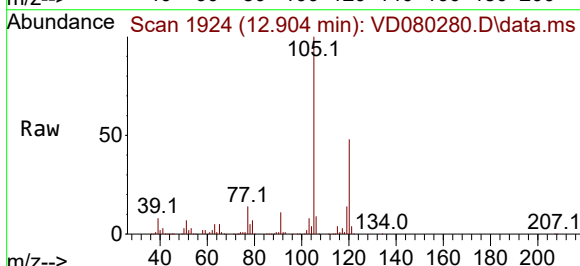
Acq: 18 Mar 2025 13:50

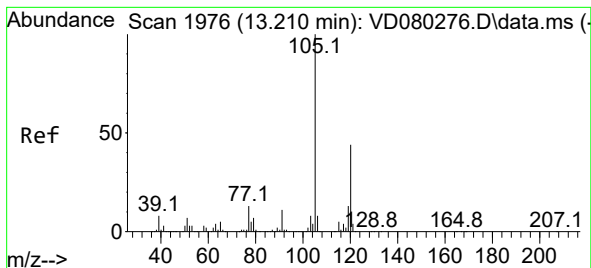
Tgt Ion:105 Resp: 288605

Ion Ratio Lower Upper

105 100

120 48.1 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 26.48 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

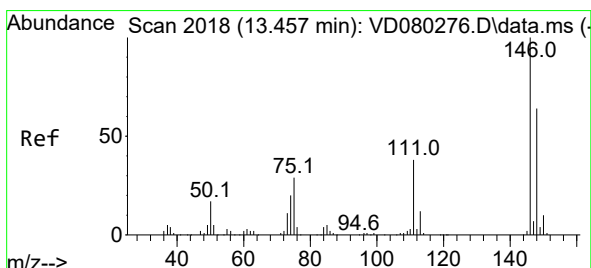
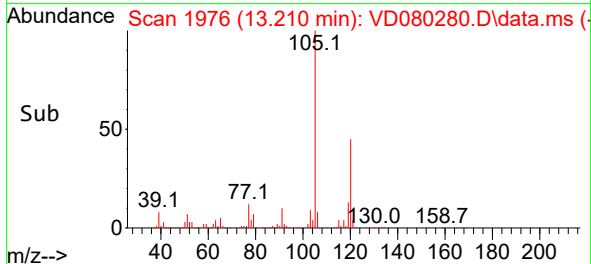
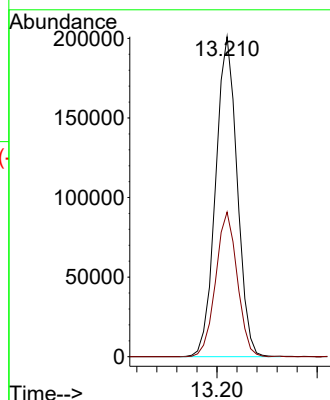
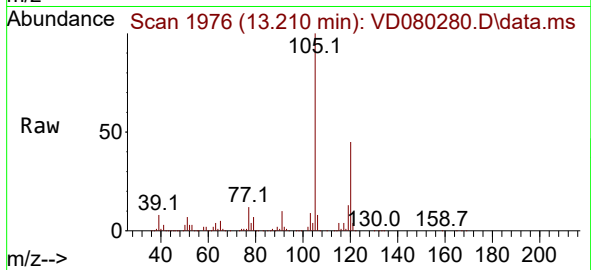
VICV875

Tgt Ion:105 Resp: 299900

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 24.27 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

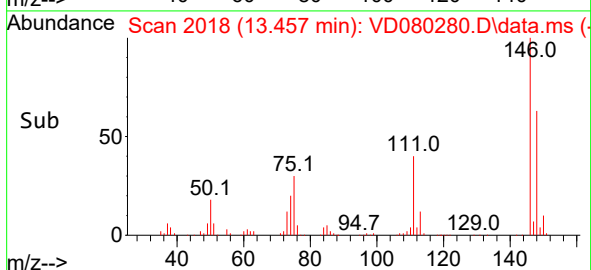
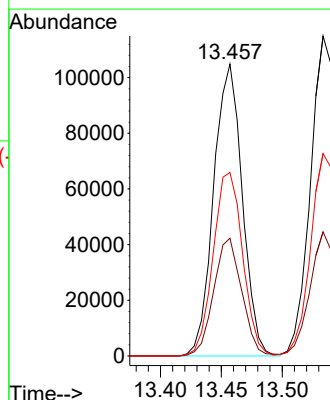
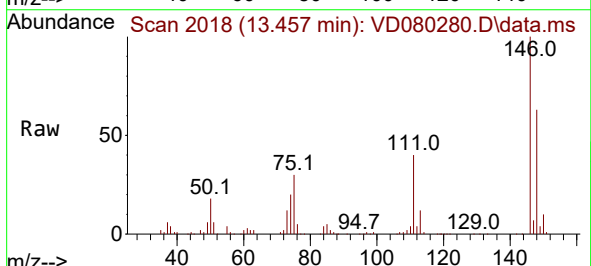
Tgt Ion:146 Resp: 171542

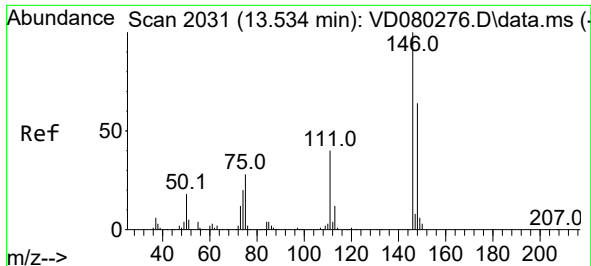
Ion Ratio Lower Upper

146 100

111 40.3 26.9 49.9

148 62.8 44.5 82.7

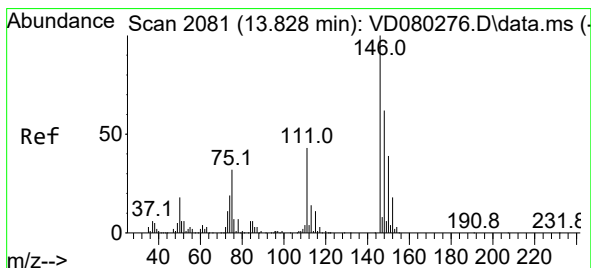
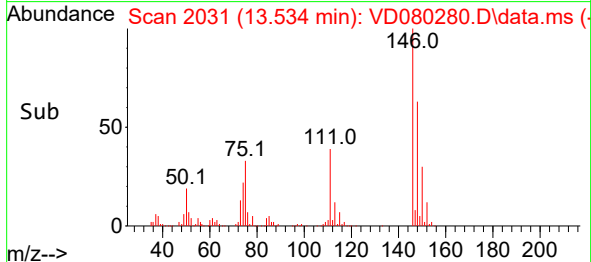
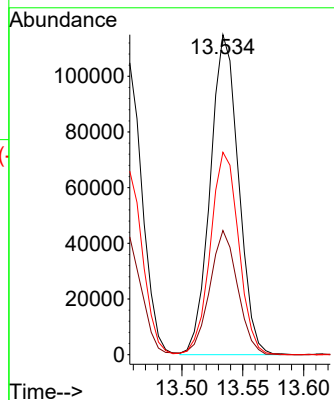
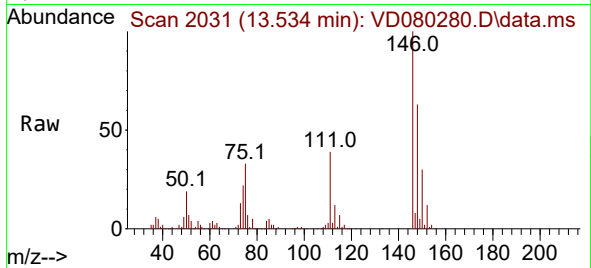




#65
1,4-Dichlorobenzene
Concen: 24.42 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

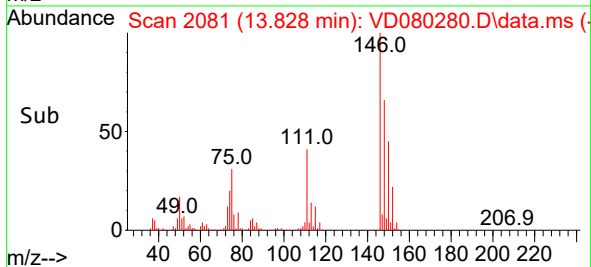
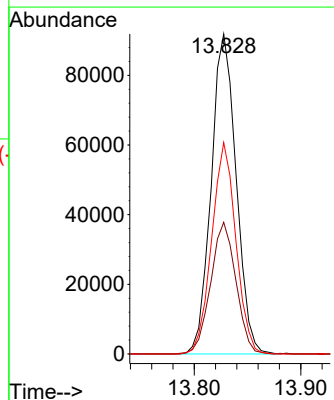
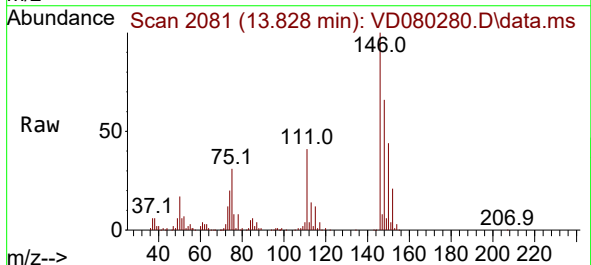
Instrument :
MSVOA_D
ClientSampleId :
VICV875

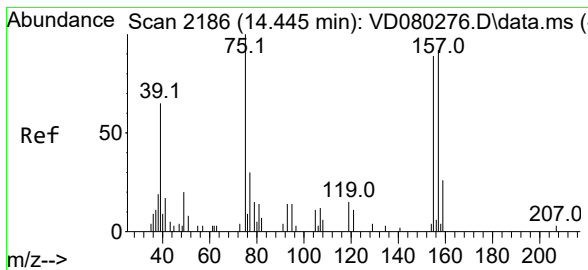
Tgt Ion:146 Resp: 185874
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 63.2 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 22.89 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion:146 Resp: 149564
Ion Ratio Lower Upper
146 100
111 41.1 34.2 51.2
148 66.0 49.8 74.8

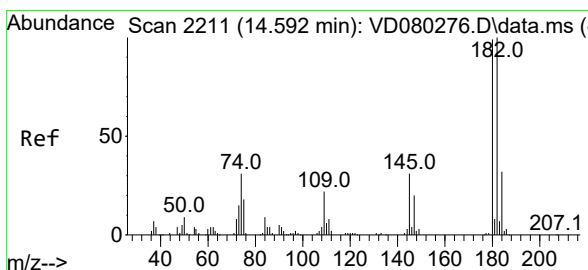
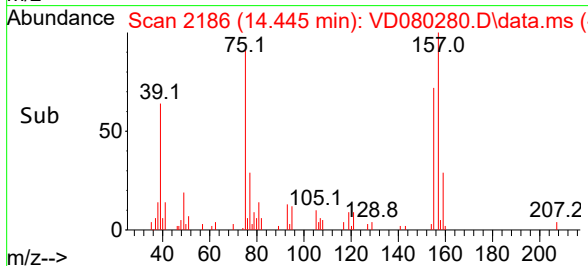
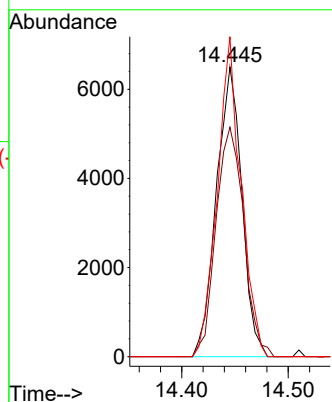
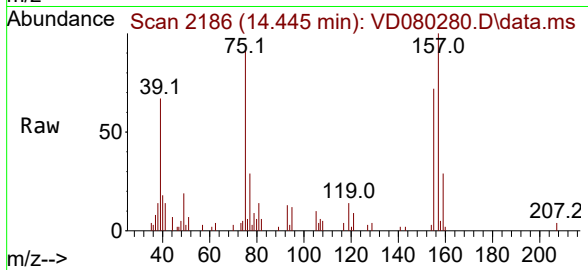




#68
 1,2-Dibromo-3-chloropropane
 Concen: 19.56 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

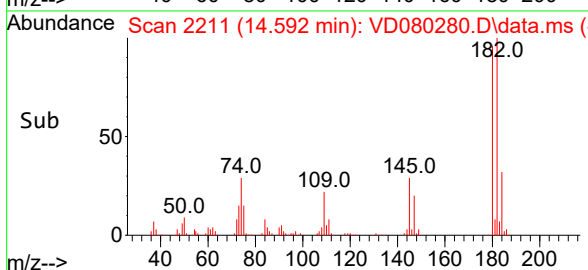
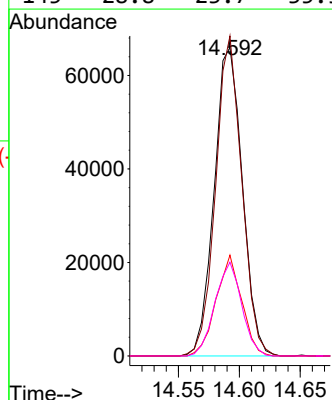
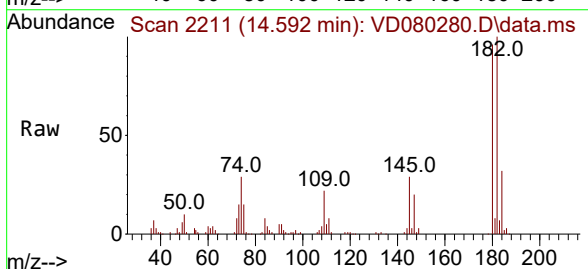
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV875

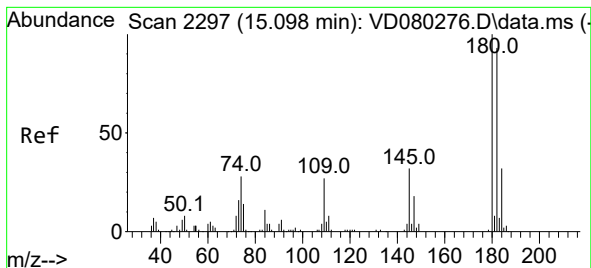
Tgt Ion: 75 Resp: 10772
 Ion Ratio Lower Upper
 75 100
 155 79.2 71.5 107.3
 157 110.4 73.5 110.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 22.86 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

Tgt Ion: 180 Resp: 106258
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.0 115.4
 184 29.8 24.0 36.0
 145 28.8 23.7 35.5





#70

1,2,4-trichlorobenzene

Concen: 24.57 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

VICV875

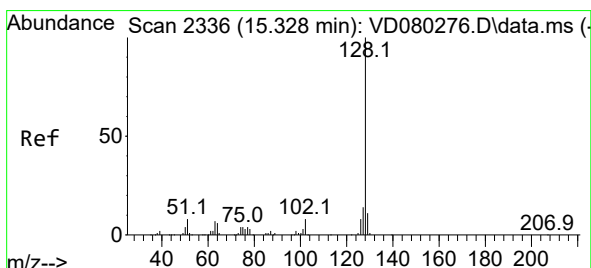
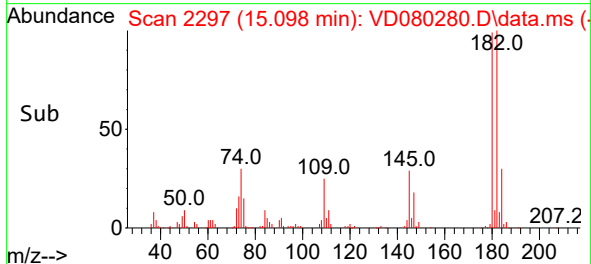
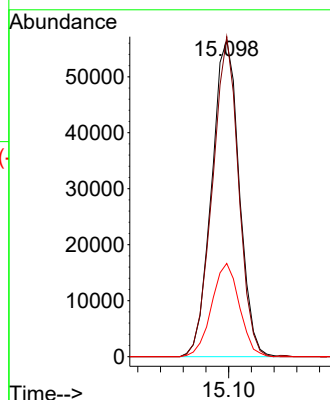
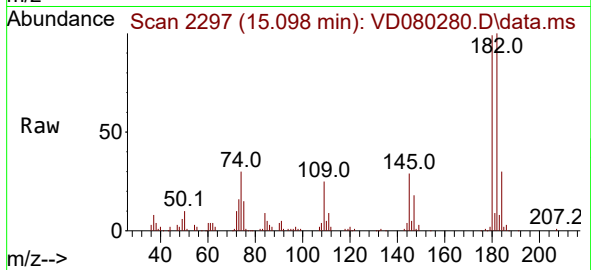
Tgt Ion:180 Resp: 95174

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

145 29.7 23.1 34.7



#71

Naphthalene

Concen: 24.68 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

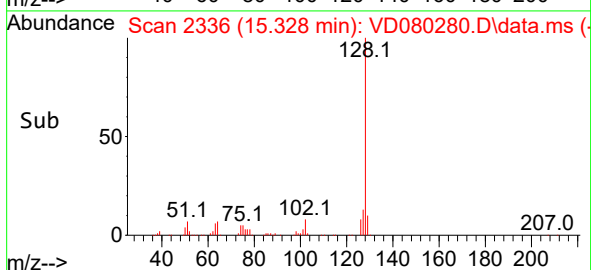
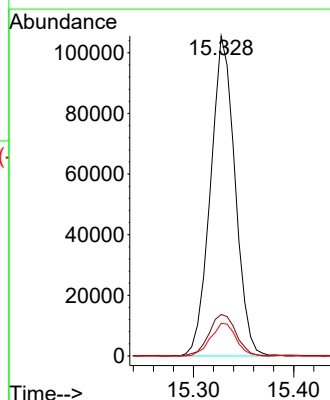
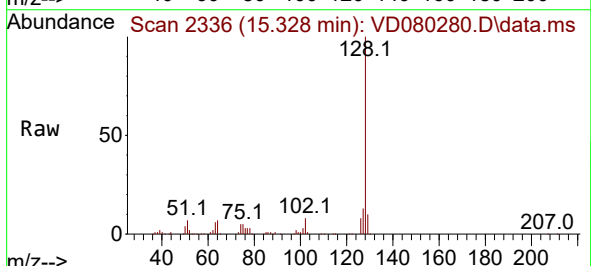
Tgt Ion:128 Resp: 179533

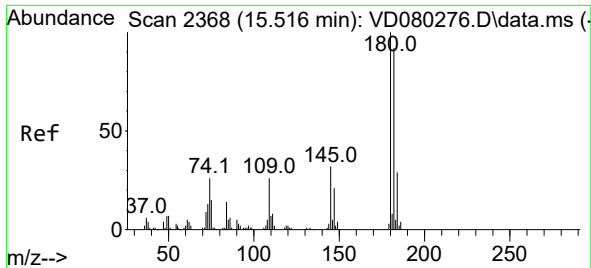
Ion Ratio Lower Upper

128 100

127 14.3 11.4 17.2

129 10.5 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 25.82 ug/L
 RT: 15.516 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV875

Tgt Ion:	180	Resp:	90281
Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	110.6
145	31.6	24.8	37.2

