

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 :

Quant Time: Mar 20 12:47:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 20 12:45:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	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
7) Chloroethane-d5	2.793	69	131130	21.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	32002	22.53	ug/L	0.00
21) 2-Butanone-d5	6.993	46	37032	51.10	ug/L	0.00
24) Chloroform-d	7.569	84	158418	25.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	87887	25.54	ug/L	0.00
32) Benzene-d6	8.199	84	313329	27.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	97071	26.63	ug/L	0.00
41) Toluene-d8	10.263	98	267698	26.25	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	38562	25.70	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	30143	57.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	80418	24.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	89162	24.23	ug/L	0.00
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
12) 1,1-Dichloroethene	4.105	96	56	0.02	ug/L	81
13) Acetone	4.028	43	33592	44.26	ug/L	99
14) Carbon disulfide	4.263	76	262410	23.68	ug/L	99
15) Methyl Acetate	4.563	43	37608	22.18	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	99
19) 1,1-Dichloroethane	6.110	63	154436	24.05	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	85393	24.48	ug/L	98
22) 2-Butanone	7.081	43	46219	47.06	ug/L #	81
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
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

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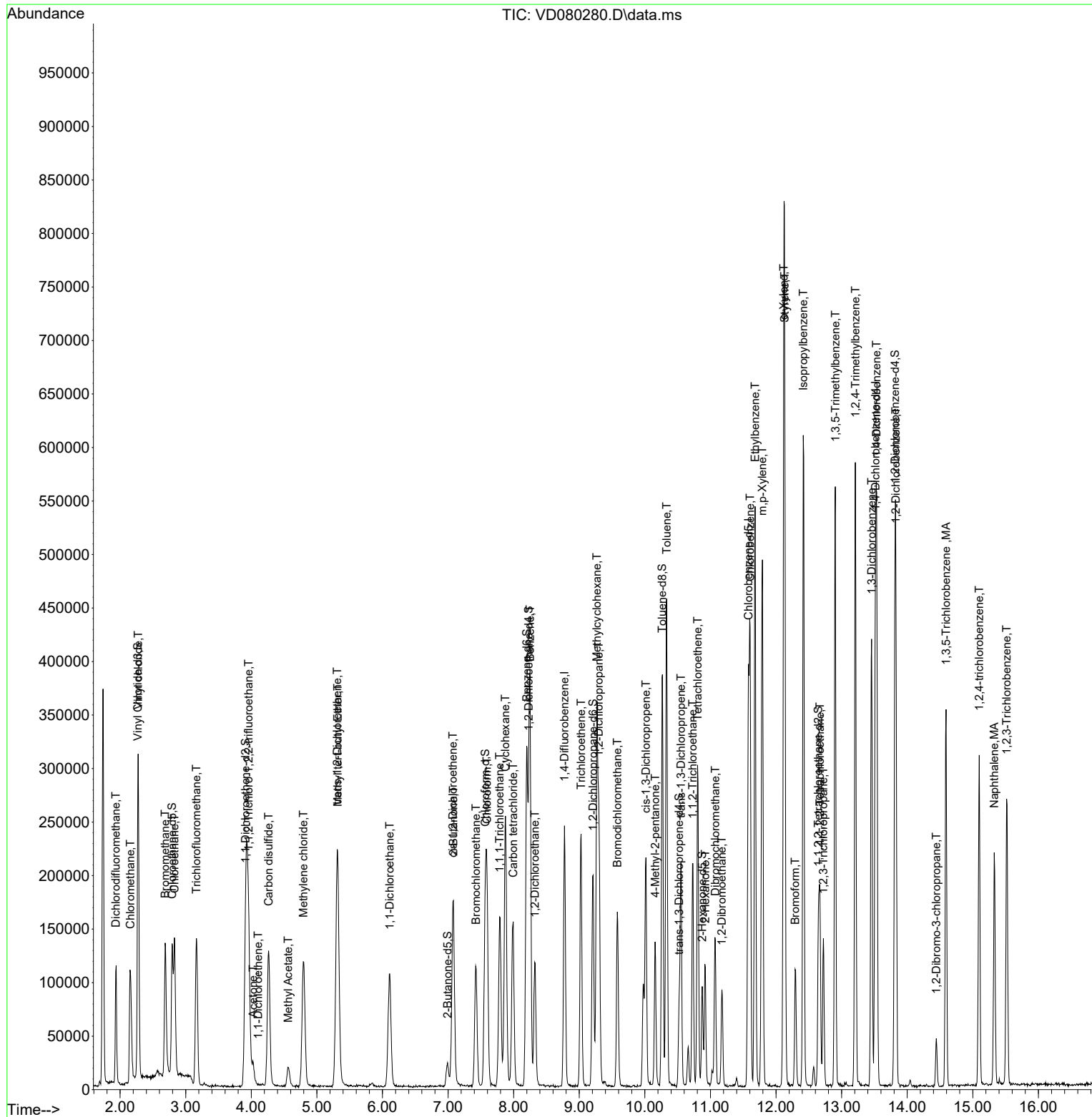
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	64891	23.77	ug/L	98
46) Tetrachloroethene	10.804	164	66475	25.50	ug/L	98
48) 2-Hexanone	10.922	43	74301	54.23	ug/L	98
49) Dibromochloromethane	11.075	129	73590	23.85	ug/L	94
50) 1,2-Dibromoethane	11.175	107	60696	25.10	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

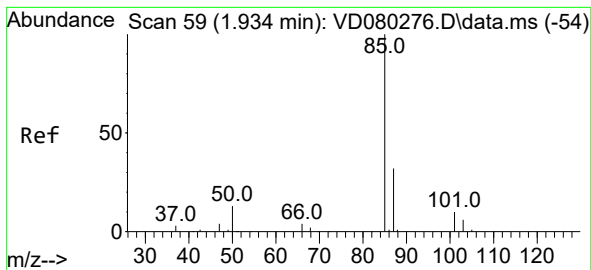
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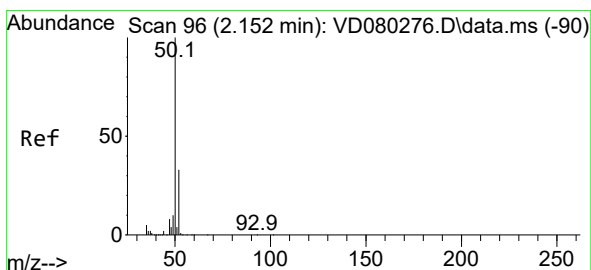
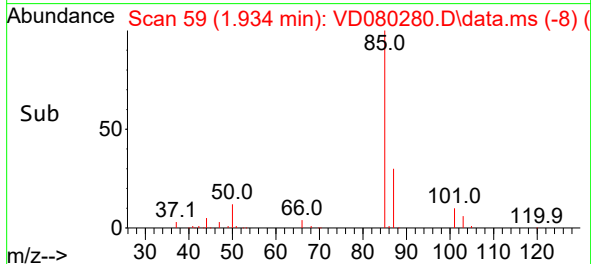
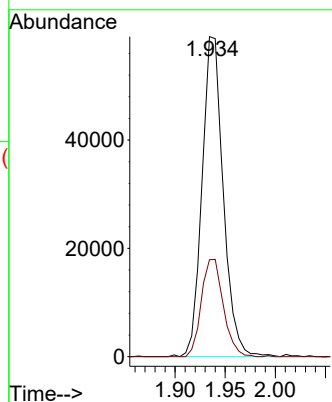
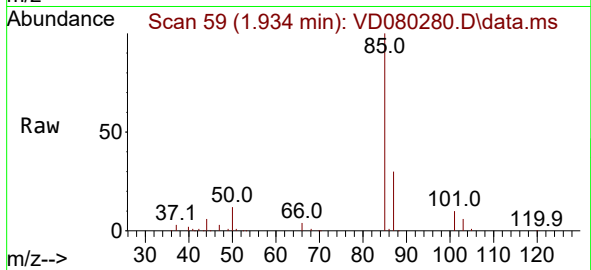




#2
 Dichlorodifluoromethane
 Concen: 22.99 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

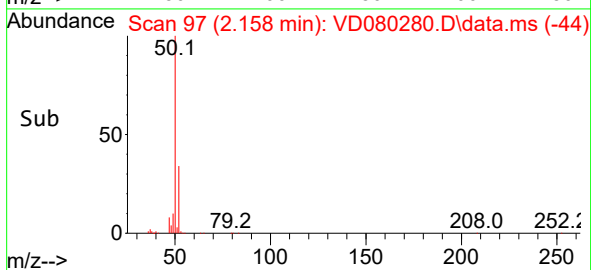
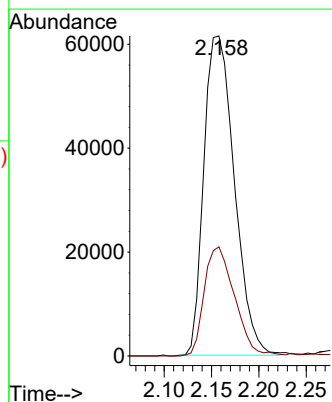
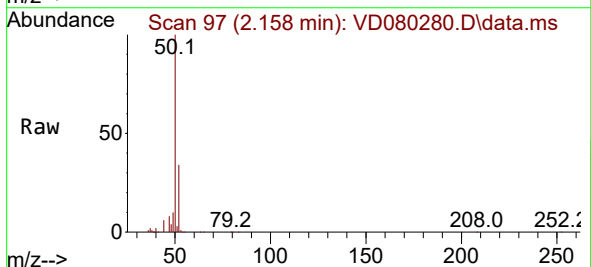
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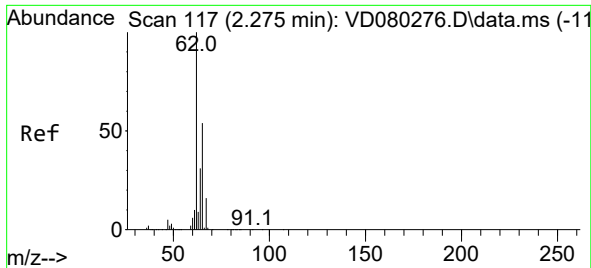
Tgt Ion: 85 Resp: 87252
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.6 38.4



#3
 Chloromethane
 Concen: 22.45 ug/L
 RT: 2.158 min Scan# 97
 Delta R.T. 0.012 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

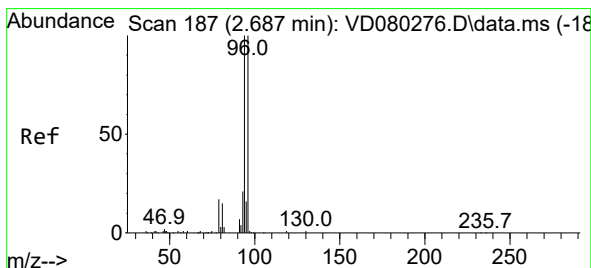
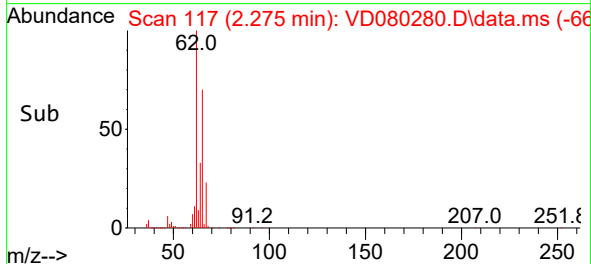
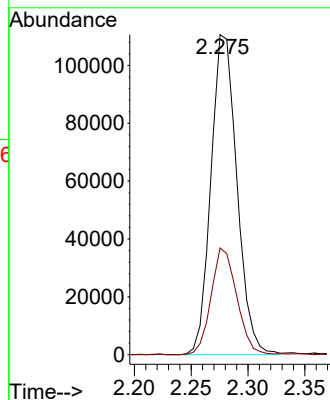
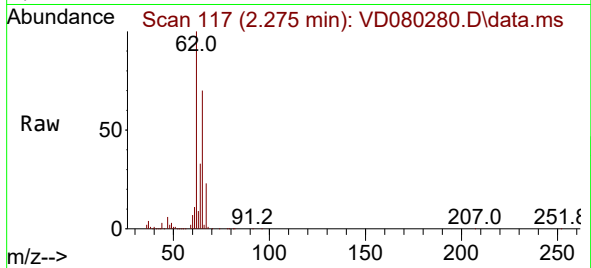




#5
 Vinyl chloride
 Concen: 22.13 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

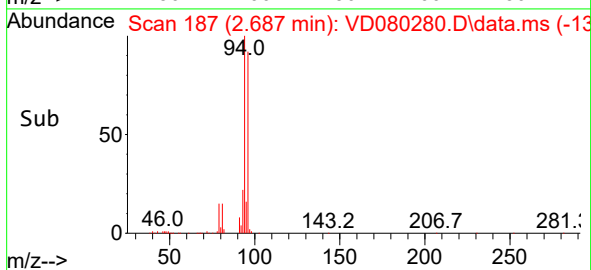
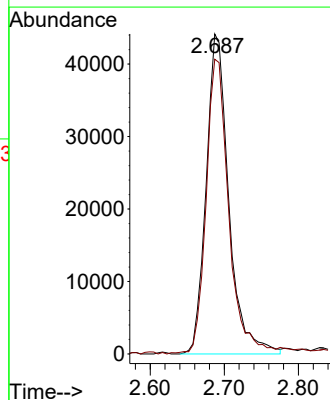
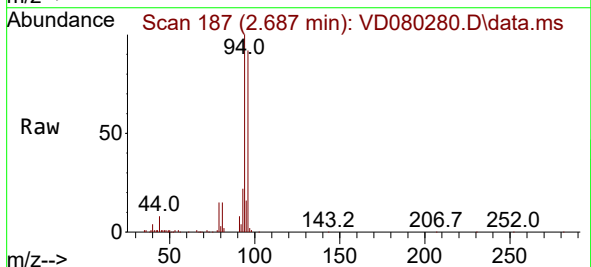
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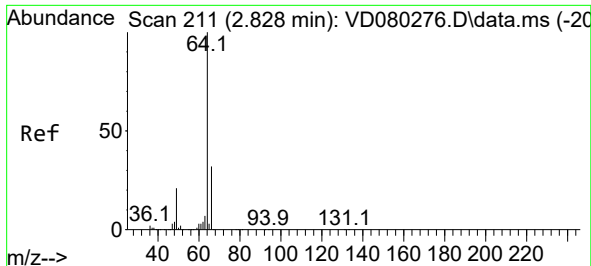
Tgt Ion: 62 Resp: 176488
 Ion Ratio Lower Upper
 62 100
 64 33.3 21.3 39.6



#6
 Bromomethane
 Concen: 22.58 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.012 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

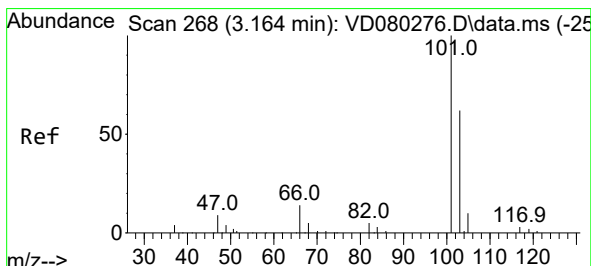
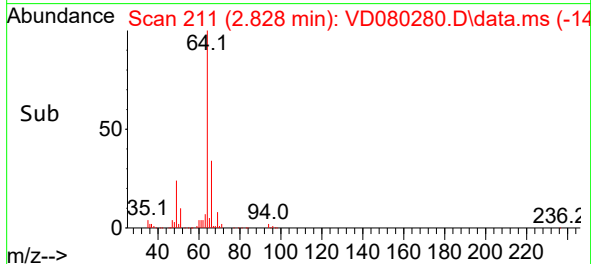
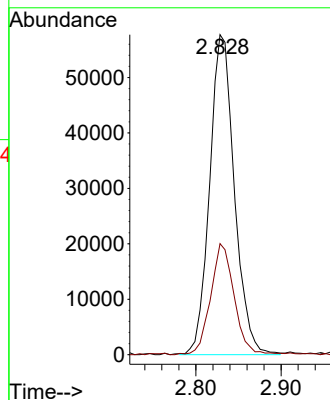
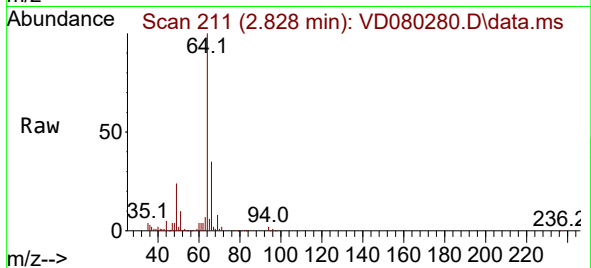




#8
Chloroethane
Concen: 21.59 ug/L
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

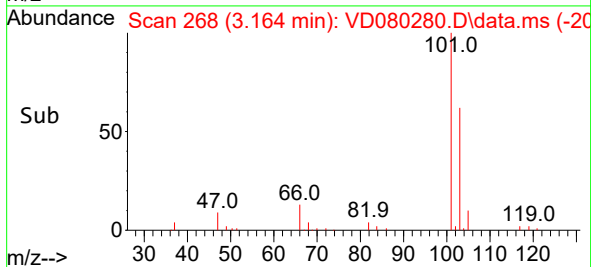
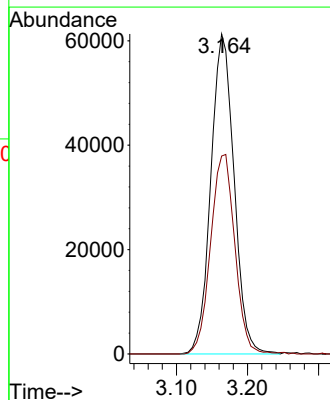
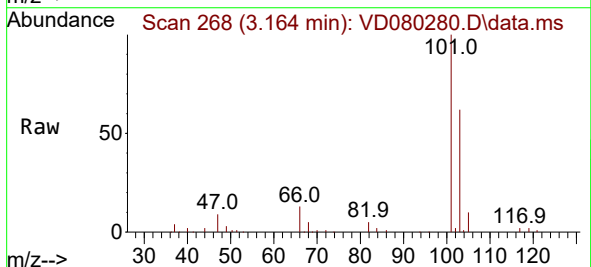
Instrument :
MSVOA_D
ClientSampleId :

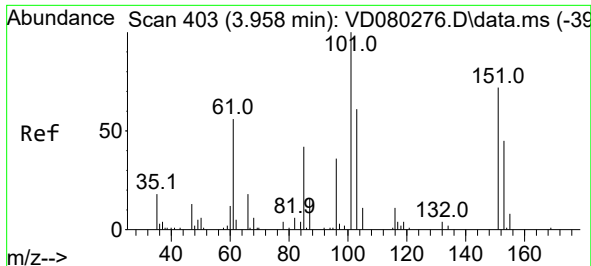
Tgt Ion: 64 Resp: 116411
Ion Ratio Lower Upper
64 100
66 34.7 22.3 41.3



#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

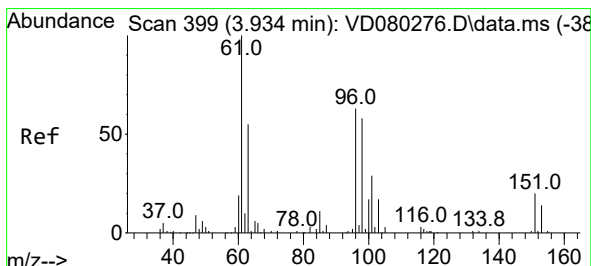
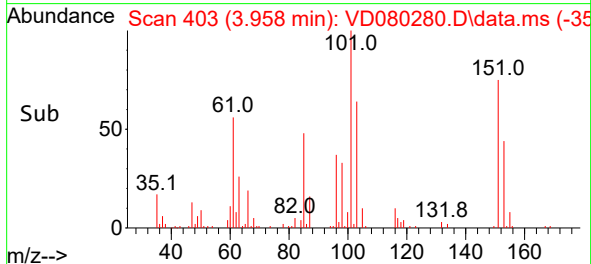
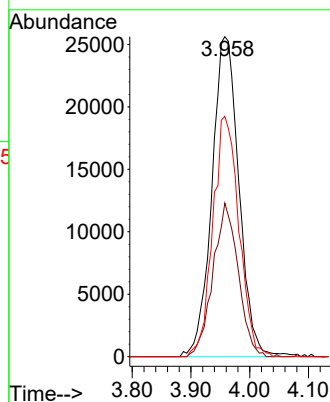
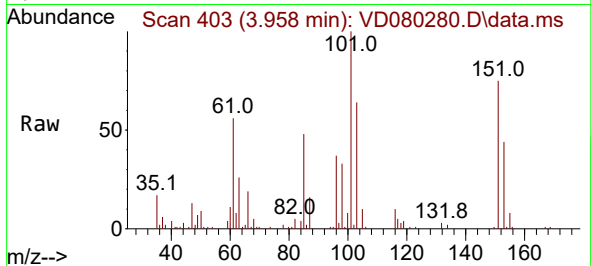




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.28 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

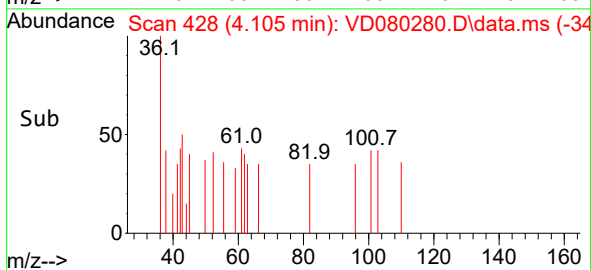
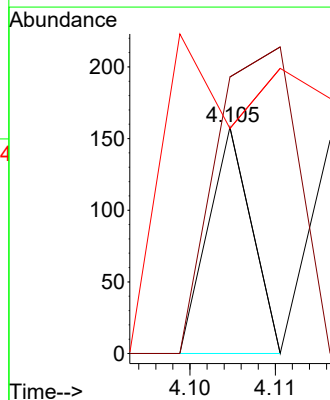
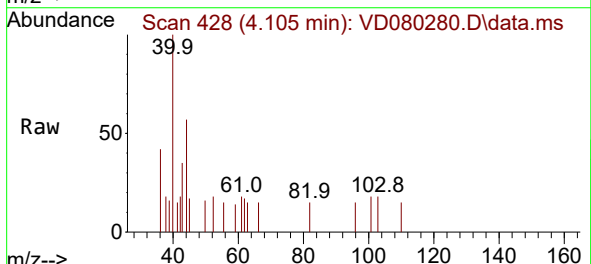
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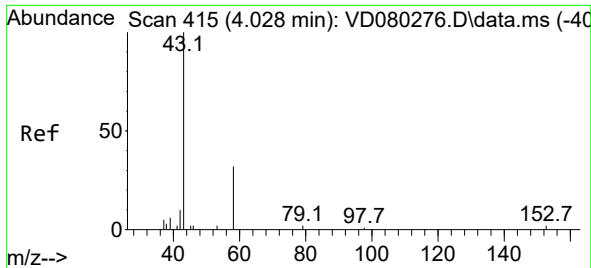
Tgt Ion:101 Resp: 81768
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.7 53.5
 151 71.9 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 0.02 ug/L
 RT: 4.105 min Scan# 428
 Delta R.T. 0.176 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

Tgt Ion: 96 Resp: 56
 Ion Ratio Lower Upper
 96 100
 61 122.2 112.5 208.9
 63 99.4 71.3 132.5

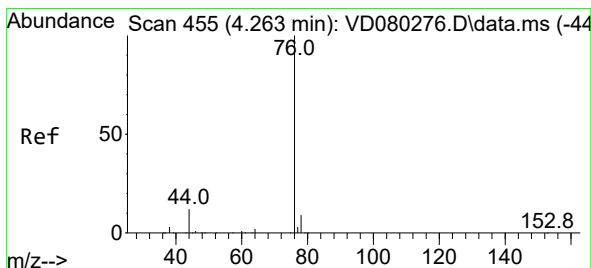
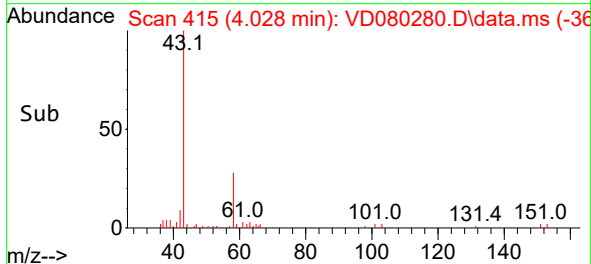
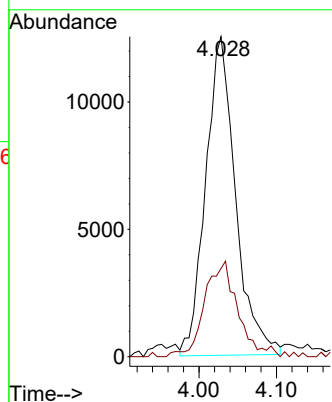
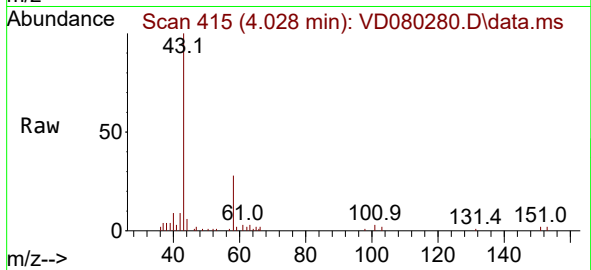




#13
Acetone
Concen: 44.26 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

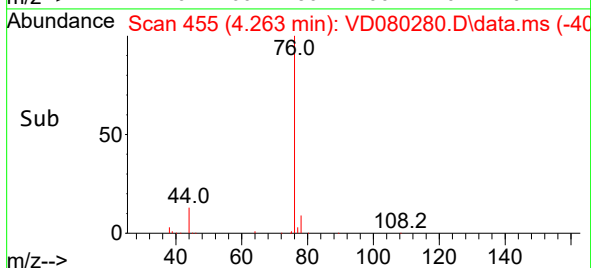
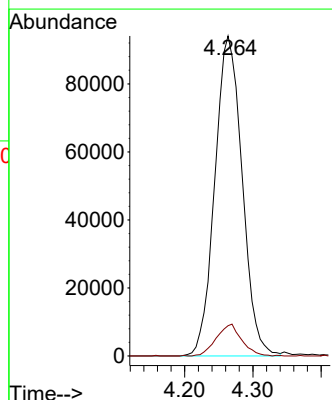
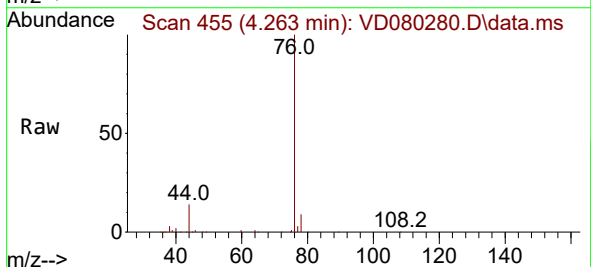
Instrument :
MSVOA_D
ClientSampleId :

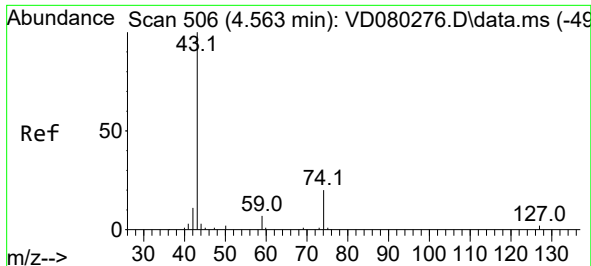
Tgt Ion: 43 Resp: 33592
Ion Ratio Lower Upper
43 100
58 31.1 0.0 63.8



#14
Carbon disulfide
Concen: 23.68 ug/L
RT: 4.263 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

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

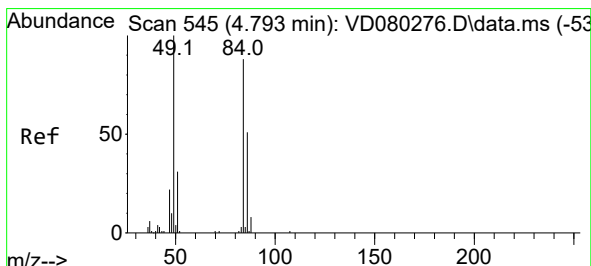
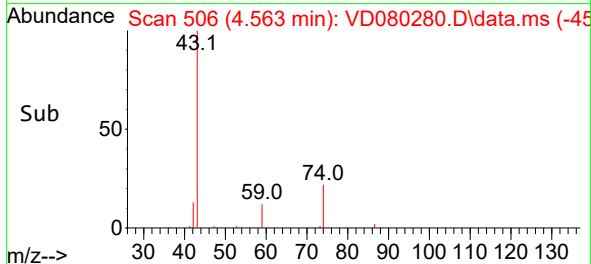
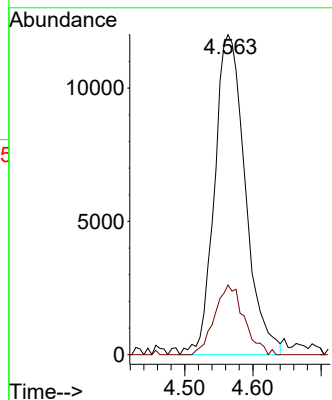
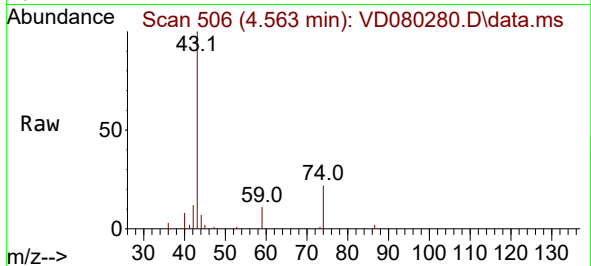




#15
Methyl Acetate
Concen: 22.18 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

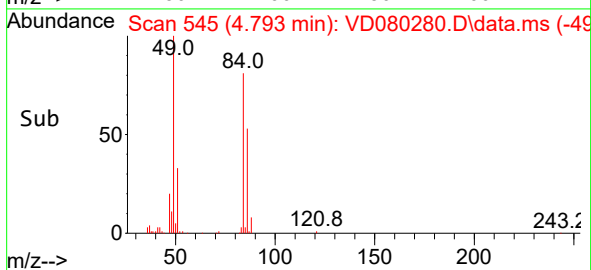
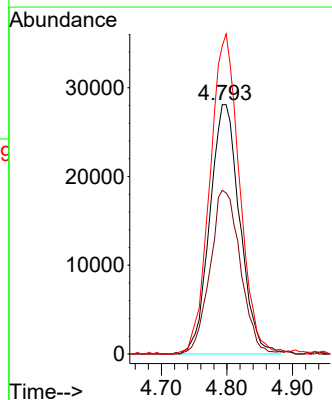
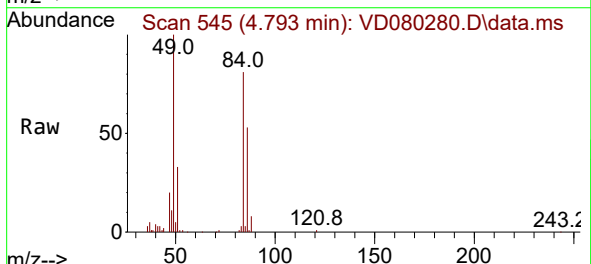
Instrument :
MSVOA_D
ClientSampleId :

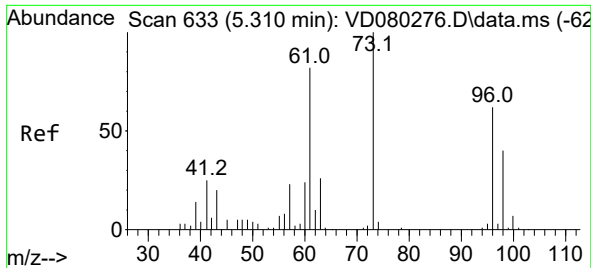
Tgt Ion: 43 Resp: 37608
Ion Ratio Lower Upper
43 100
74 20.8 17.2 25.8



#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

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# 61

Delta R.T. 0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

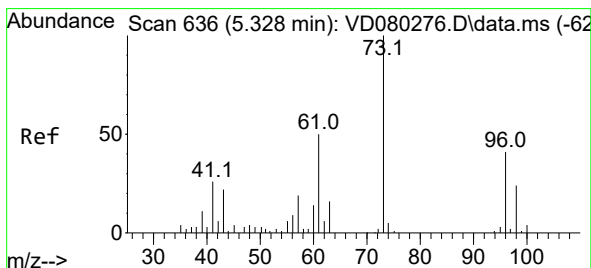
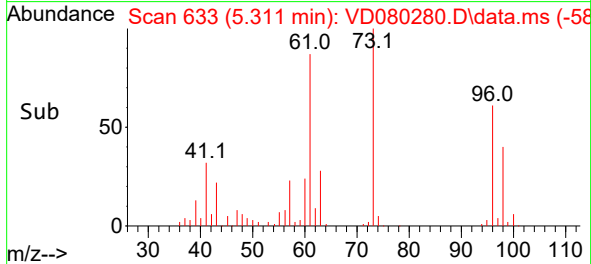
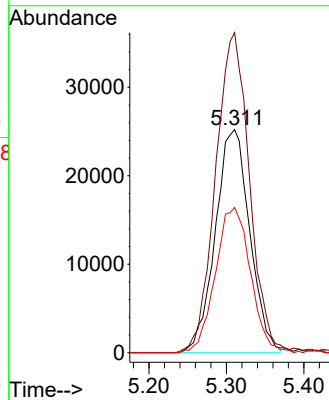
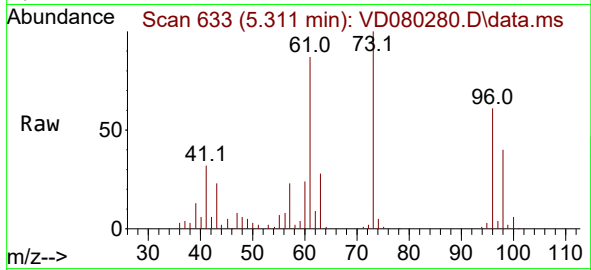
Instrument :

MSVOA_D

ClientSampleId :

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# 634

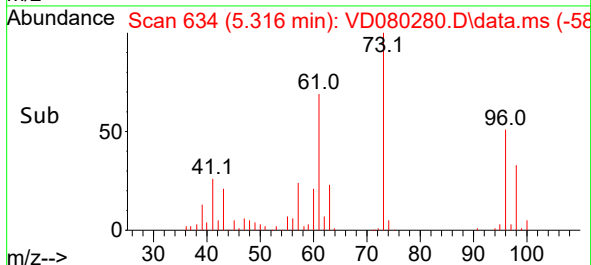
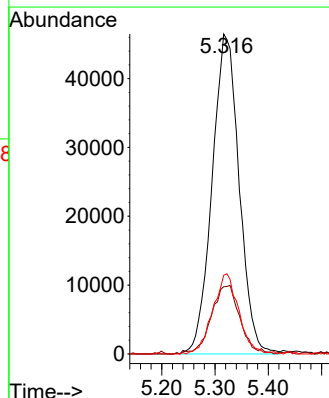
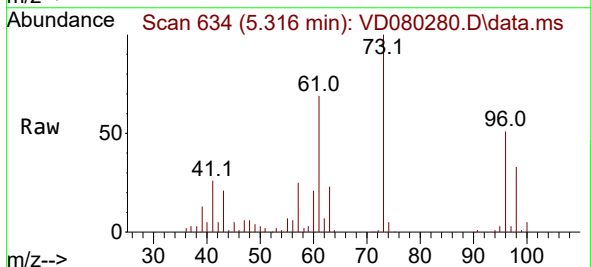
Delta R.T. 0.000 min

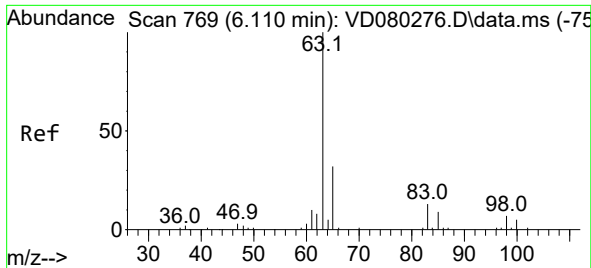
Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Tgt Ion: 73 Resp: 163824

Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.2	25.8
57	23.8	18.8	28.2

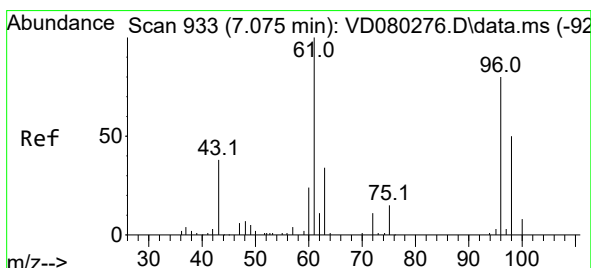
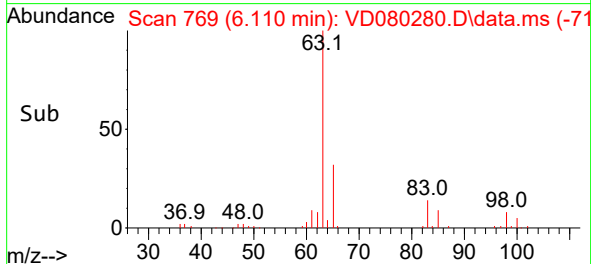
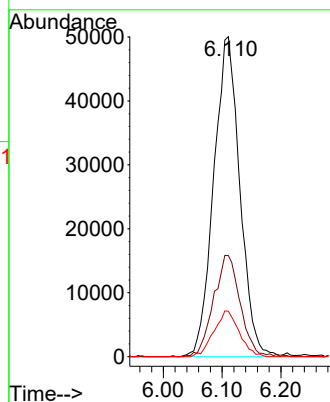
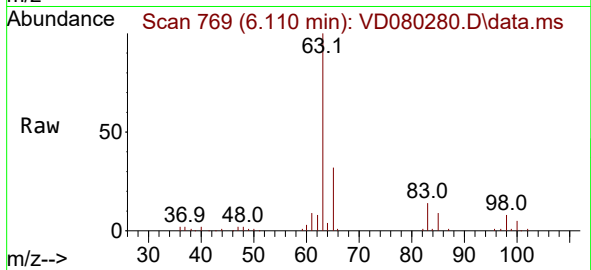




#19
 1,1-Dichloroethane
 Concen: 24.05 ug/L
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

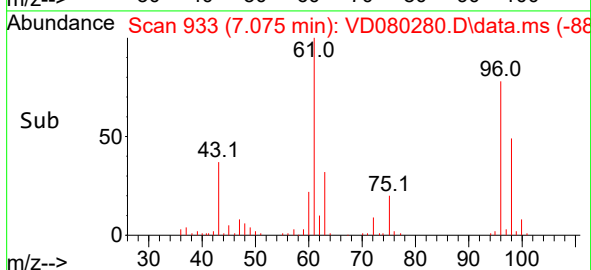
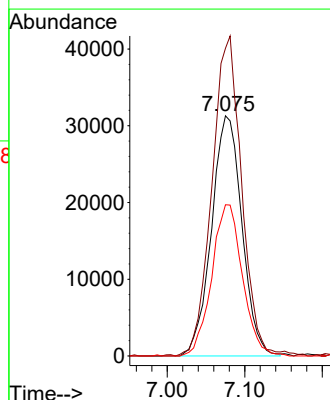
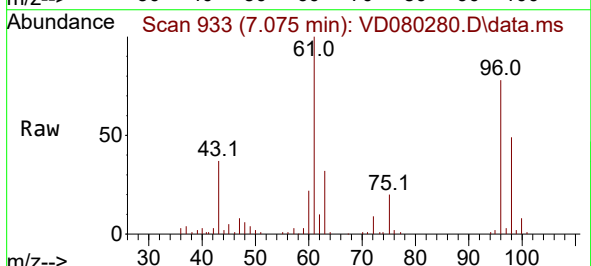
Instrument :
 MSVOA_D
 ClientSampleId :

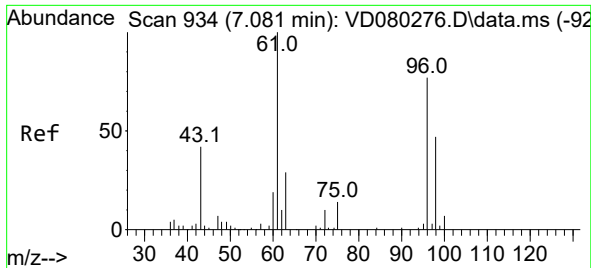
Tgt Ion: 63 Resp: 154436
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.4 41.6
 83 14.2 8.8 16.3



#20
 cis-1,2-Dichloroethene
 Concen: 24.48 ug/L
 RT: 7.075 min Scan# 933
 Delta R.T. -0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

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

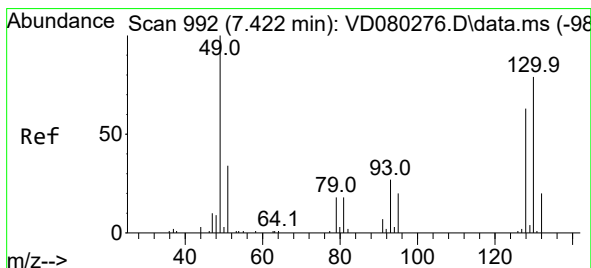
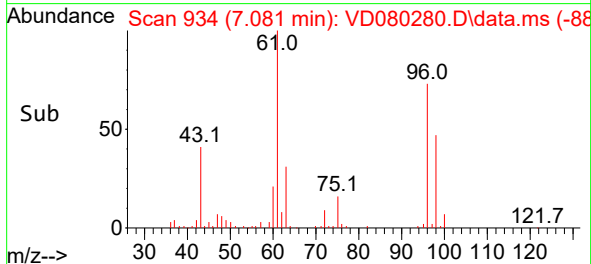
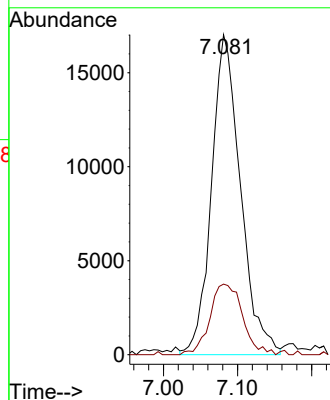
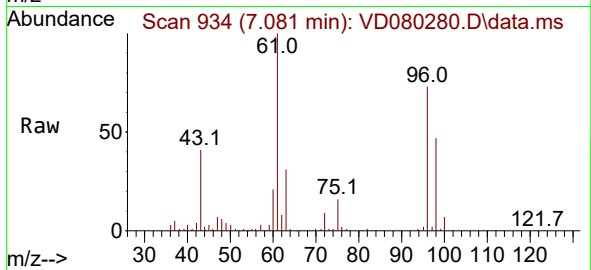




#22
2-Butanone
Concen: 47.06 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

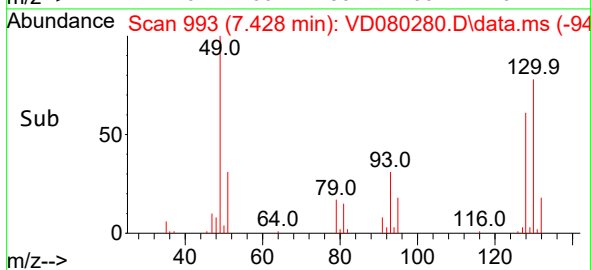
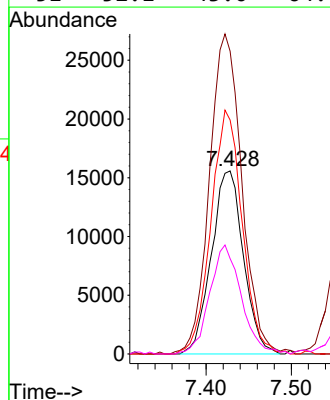
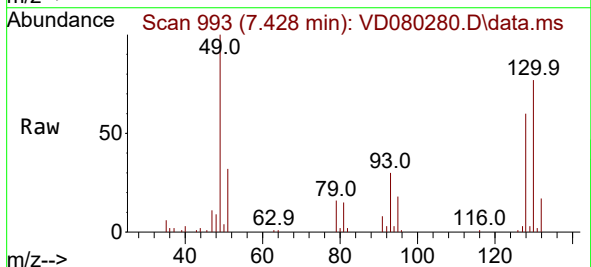
Instrument :
MSVOA_D
ClientSampleId :

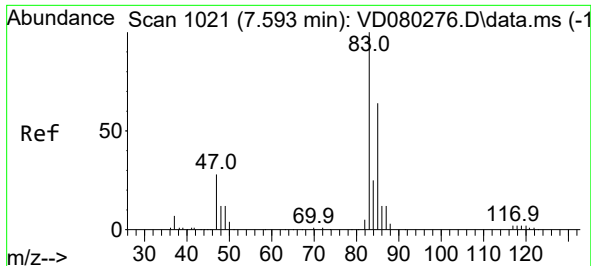
Tgt Ion: 43 Resp: 46219
Ion Ratio Lower Upper
43 100
72 24.4 0.1 0.3#



#23
Bromochloromethane
Concen: 24.45 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

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

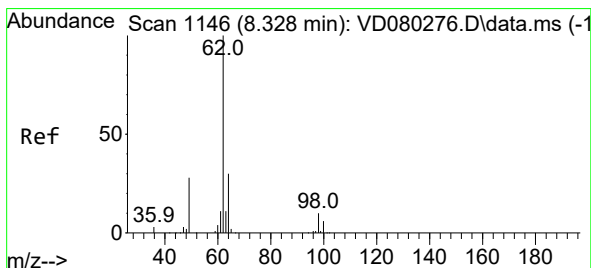
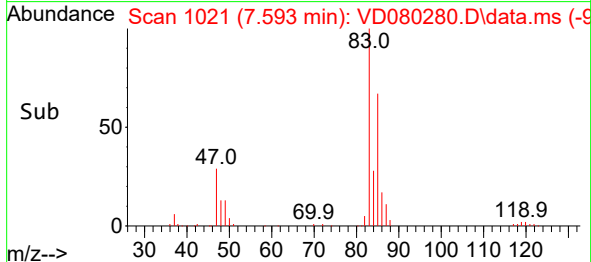
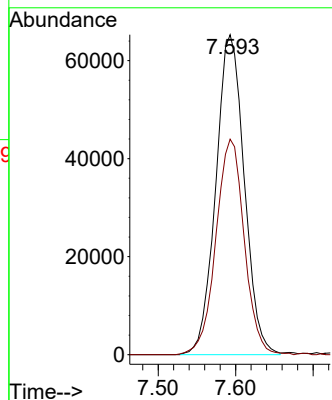
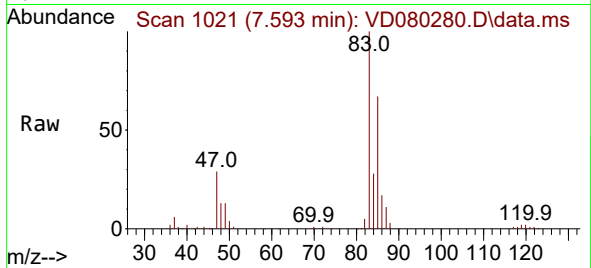




#25
Chloroform
Concen: 24.53 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

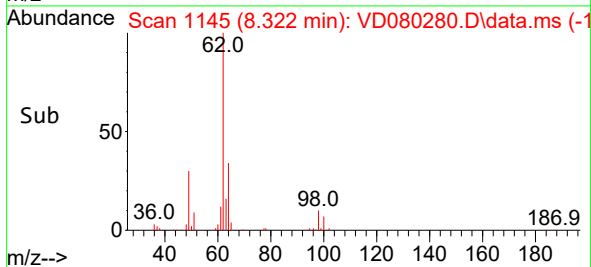
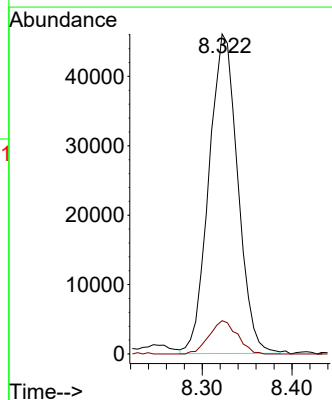
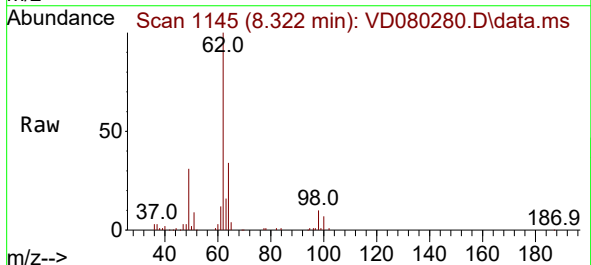
Instrument :
MSVOA_D
ClientSampleId :

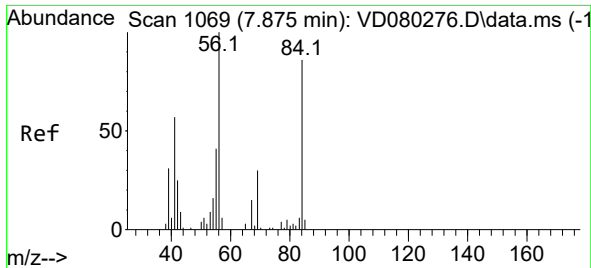
Tgt Ion: 83 Resp: 166816
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.21 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

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

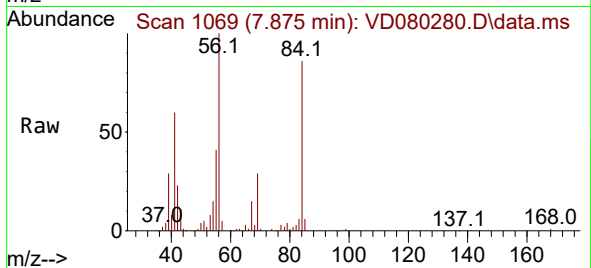
Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :



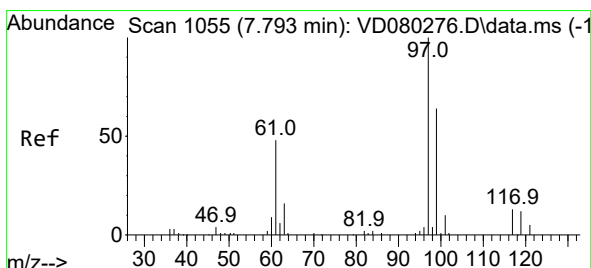
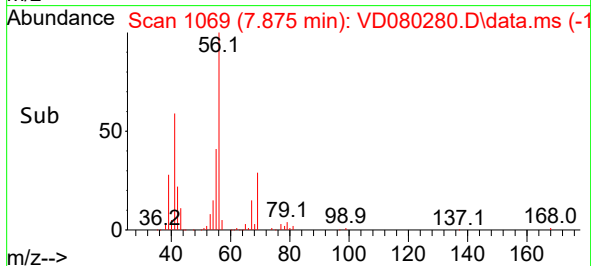
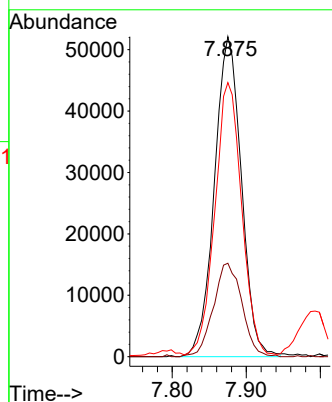
Tgt Ion: 56 Resp: 131829

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

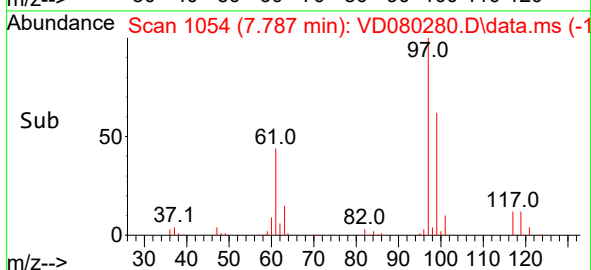
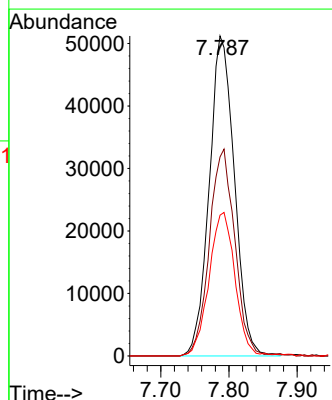
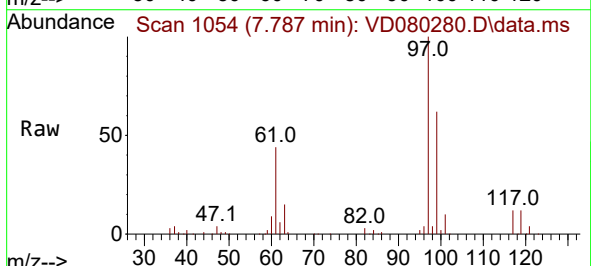
Tgt Ion: 97 Resp: 131851

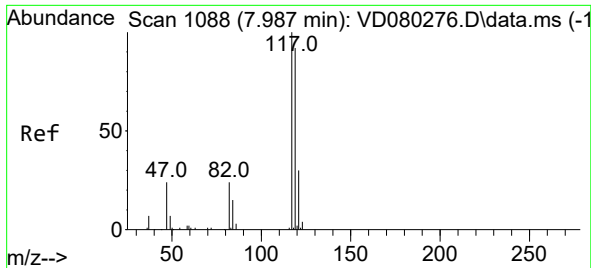
Ion Ratio Lower Upper

97 100

99 65.0 51.9 77.9

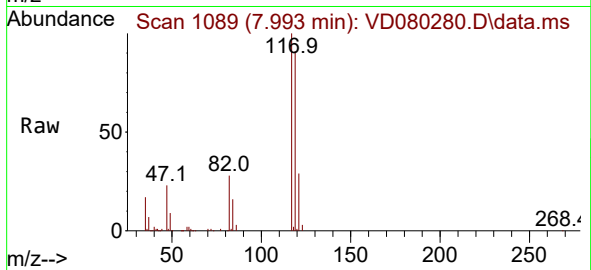
61 45.9 36.7 55.1



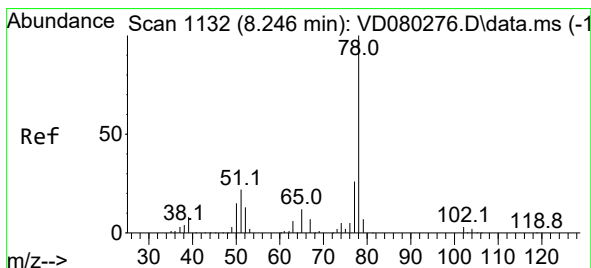
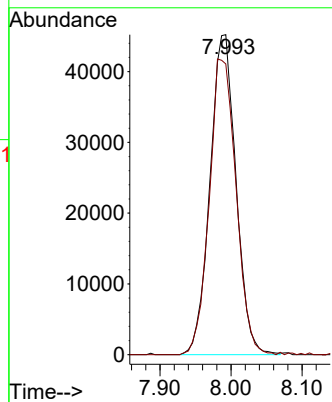
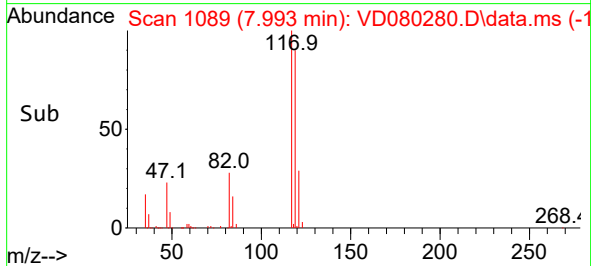


#31
Carbon tetrachloride
Concen: 25.77 ug/L
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Instrument :
MSVOA_D
ClientSampleId :

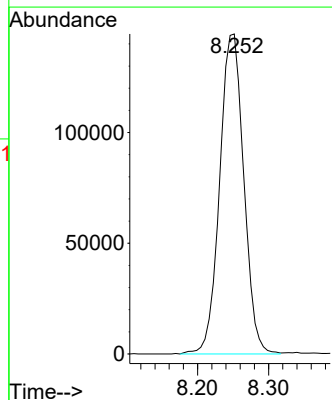
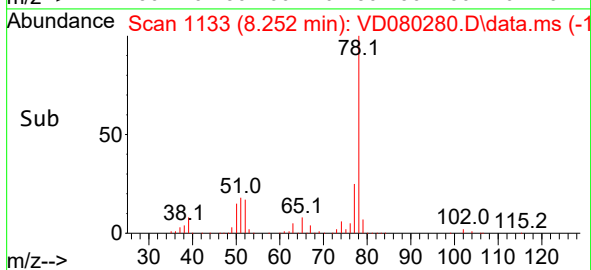
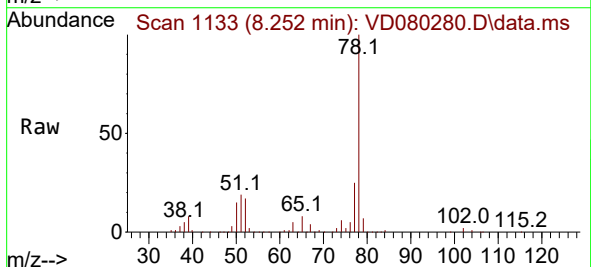


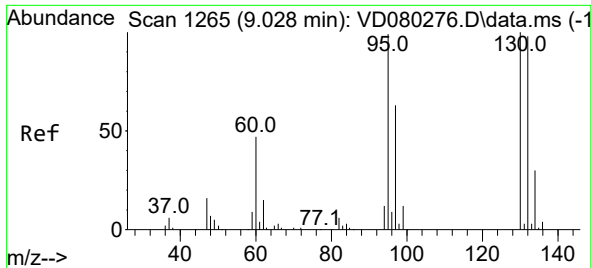
Tgt Ion:117 Resp: 114928
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0



#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

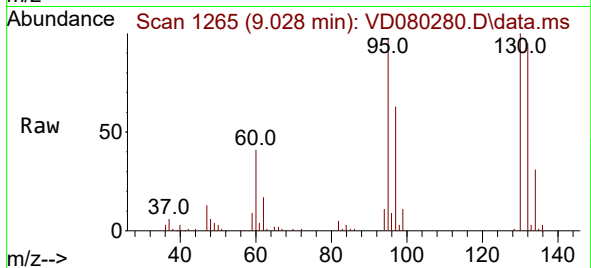
Tgt Ion: 78 Resp: 340452



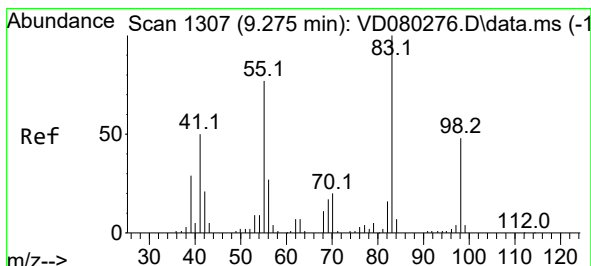
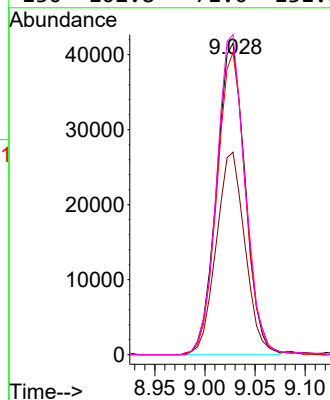
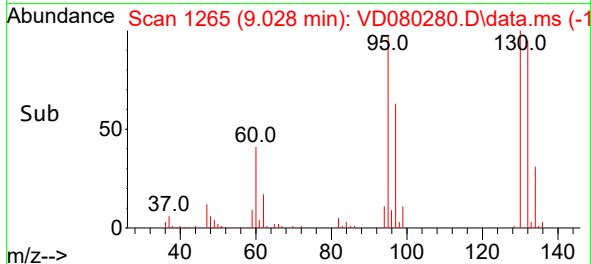


#34
Trichloroethene
Concen: 24.54 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

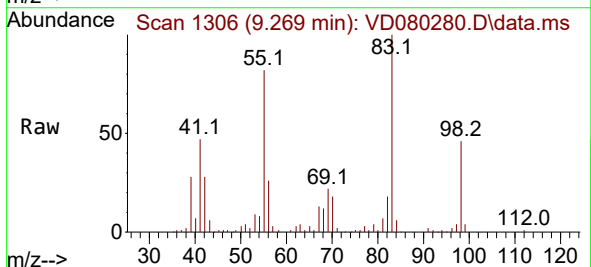
Instrument :
MSVOA_D
ClientSampleId :



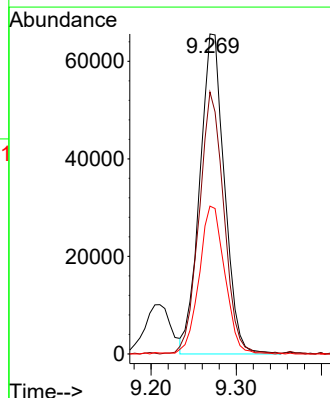
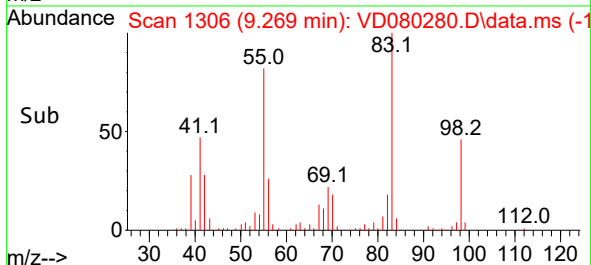
Tgt Ion: 95 Resp: 82316
Ion Ratio Lower Upper
95 100
97 65.1 45.1 83.7
132 97.2 69.5 129.1
130 102.8 71.0 131.8

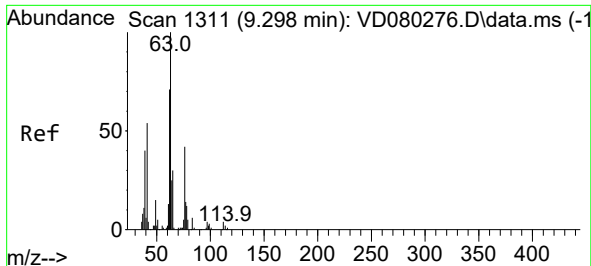


#35
Methylcyclohexane
Concen: 27.78 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50



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# 11

Delta R.T. -0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

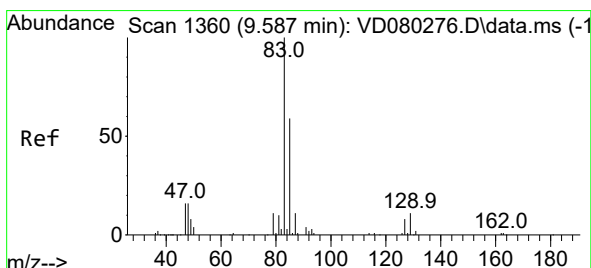
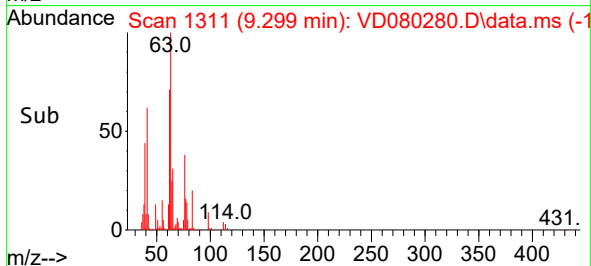
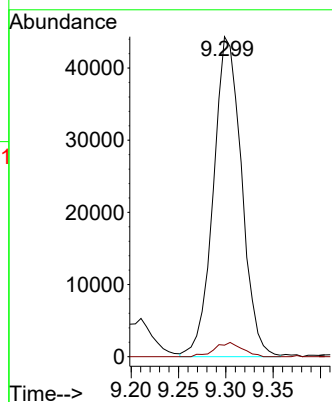
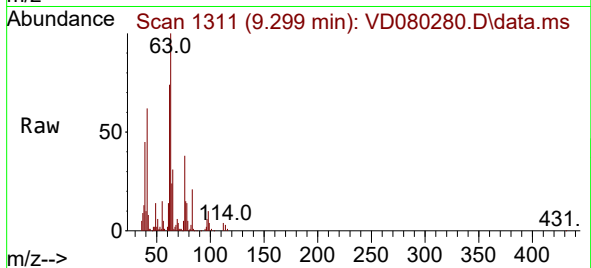
ClientSampleId :

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# 1359

Delta R.T. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

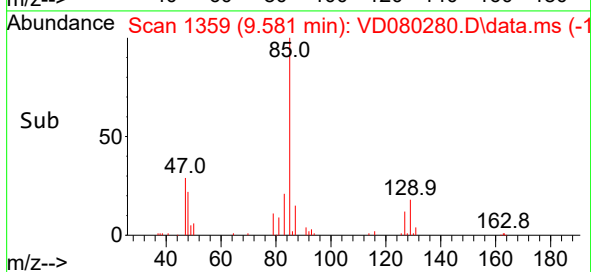
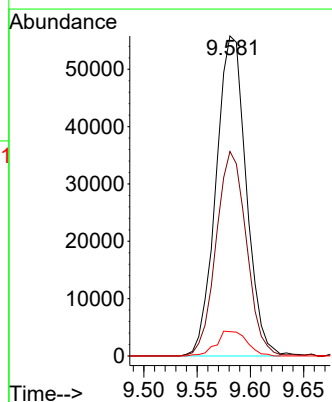
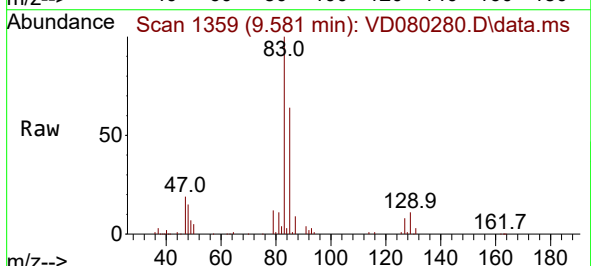
Tgt Ion: 83 Resp: 110018

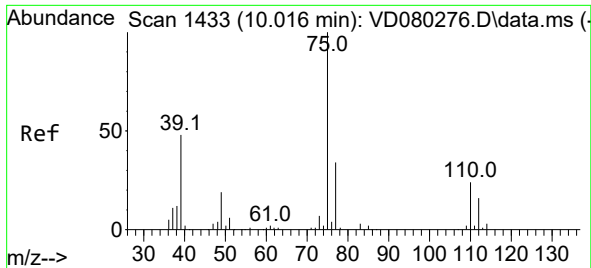
Ion Ratio Lower Upper

83 100

85 63.9 41.4 77.0

127 7.6 6.6 10.0

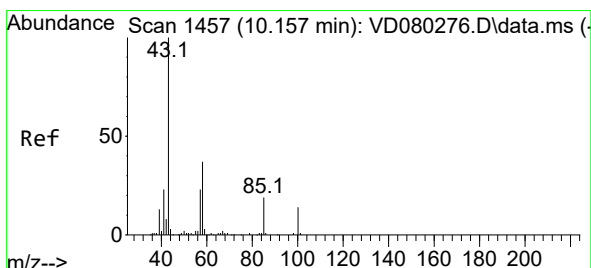
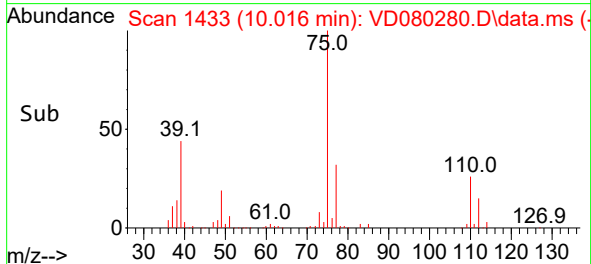
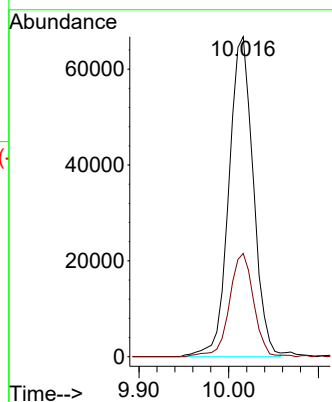
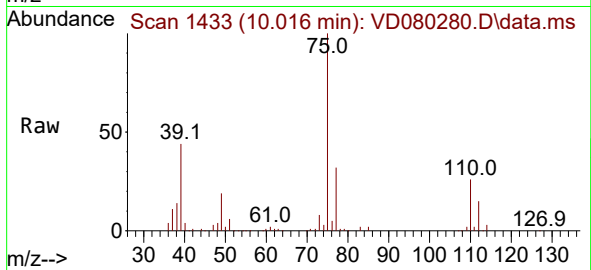




#39
 cis-1,3-Dichloropropene
 Concen: 23.85 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

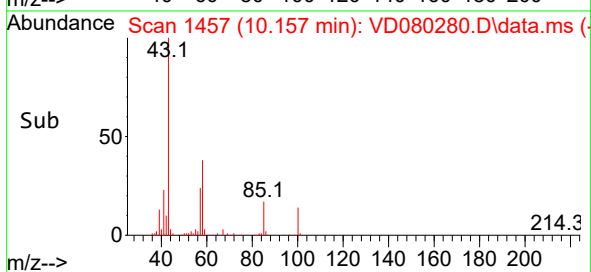
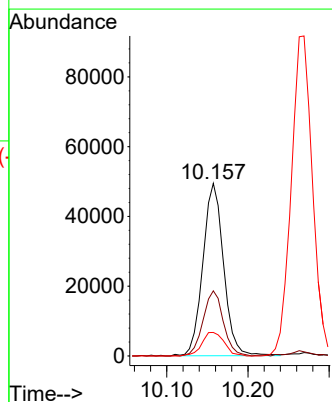
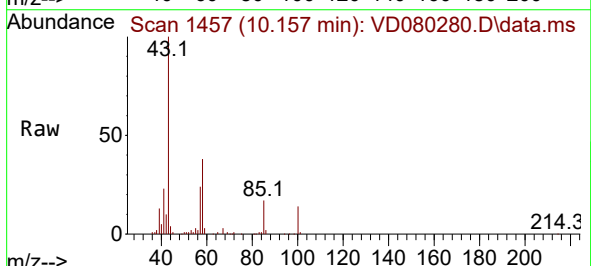
Instrument :
 MSVOA_D
 ClientSampleId :

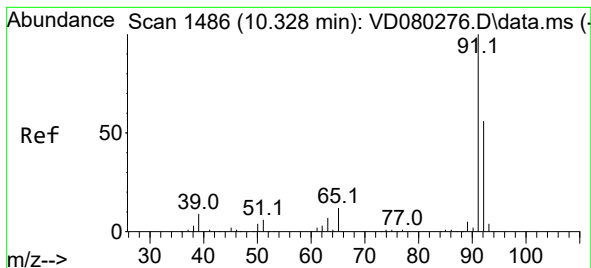
Tgt Ion: 75 Resp: 126000
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.7 43.9



#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

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. -0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

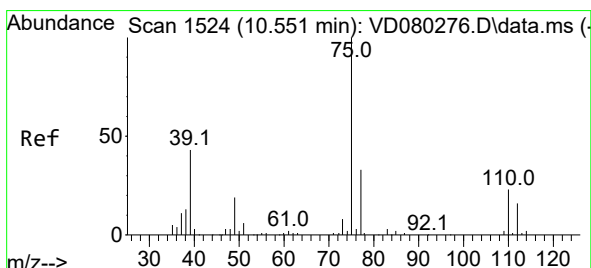
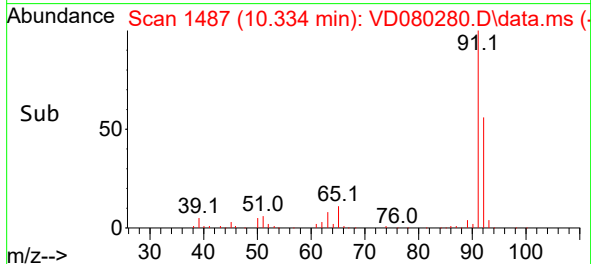
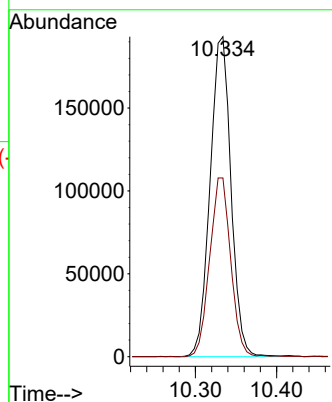
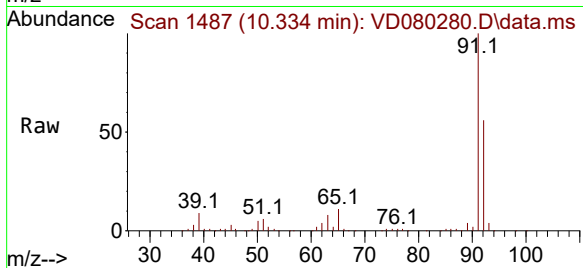
ClientSampleId :

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# 1524

Delta R.T. 0.000 min

Lab File: VD080280.D

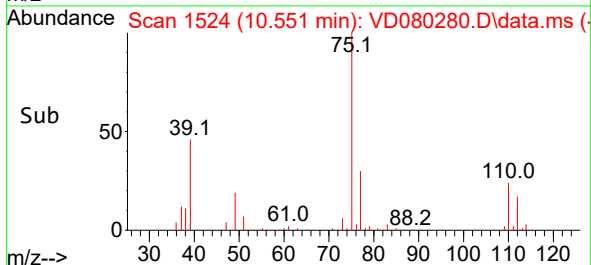
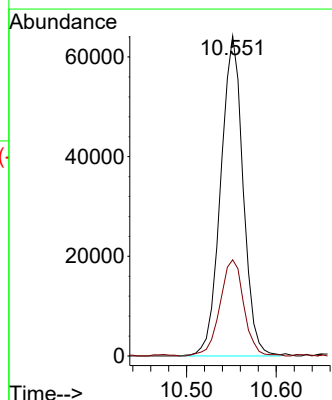
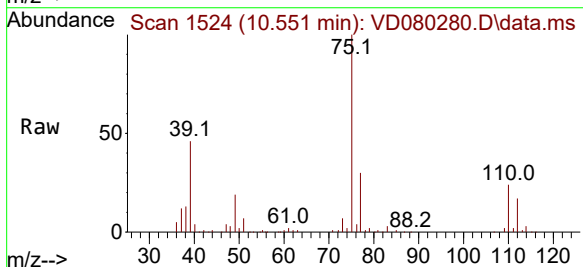
Acq: 18 Mar 2025 13:50

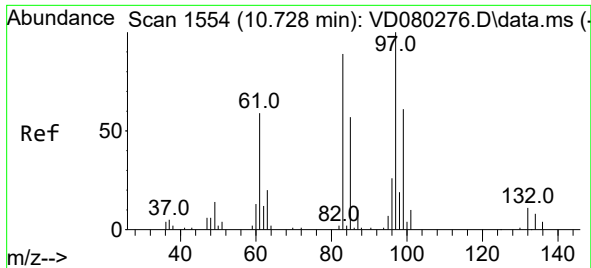
Tgt Ion: 75 Resp: 111175

Ion Ratio Lower Upper

75 100

77 30.1 22.9 42.5

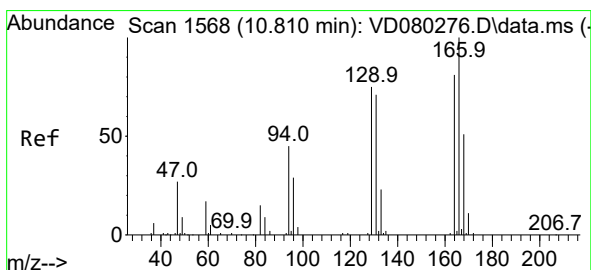
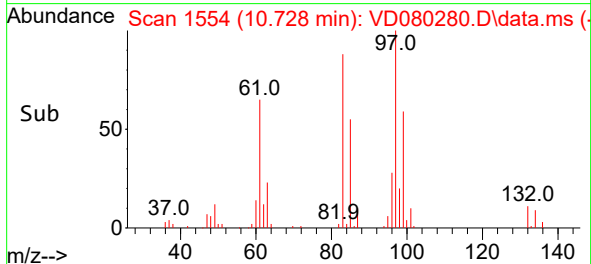
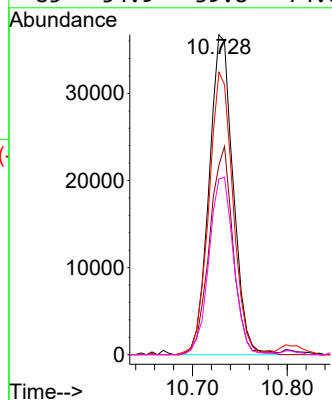
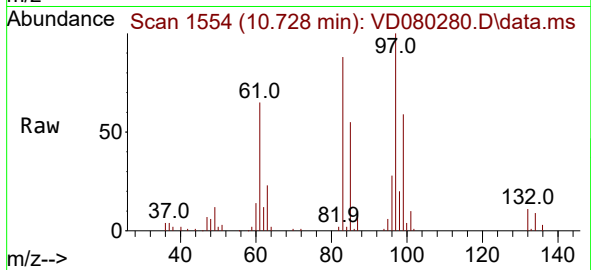




#45
1,1,2-Trichloroethane
Concen: 23.77 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

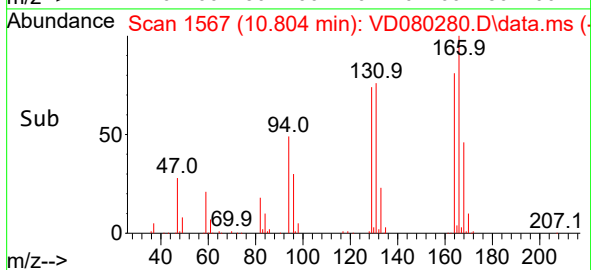
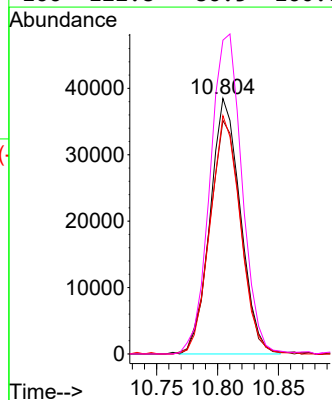
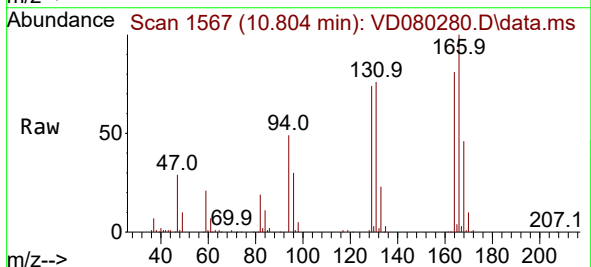
Instrument :
MSVOA_D
ClientSampleId :

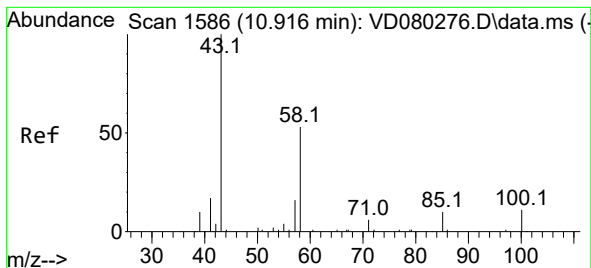
Tgt Ion:	97	Resp:	64891
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.0	79.8
83	88.2	62.2	115.4
85	54.9	39.8	74.0



#46
Tetrachloroethene
Concen: 25.50 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

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: 54.23 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

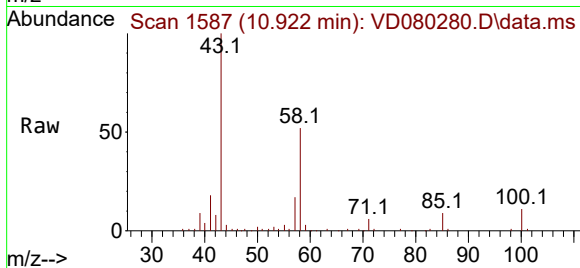
Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 74301

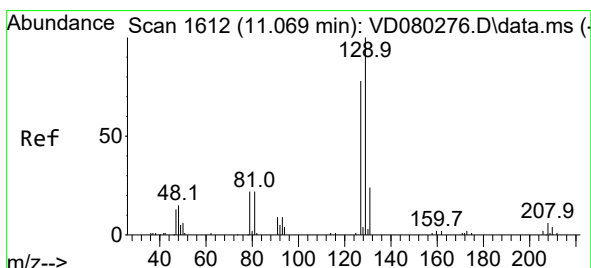
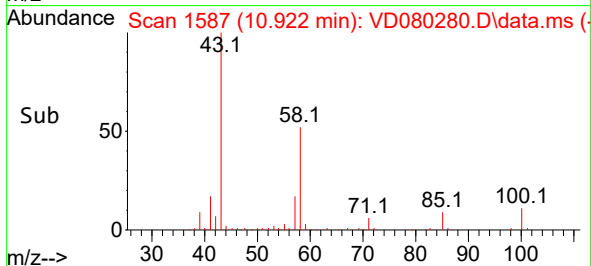
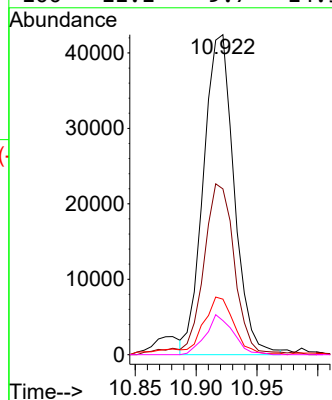
Ion Ratio Lower Upper

43 100

58 54.5 42.8 64.2

57 17.6 15.0 22.4

100 11.1 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

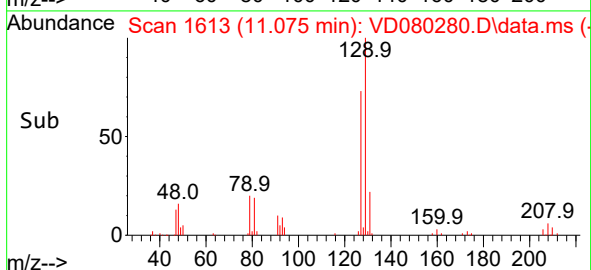
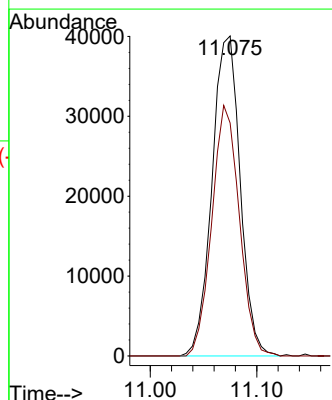
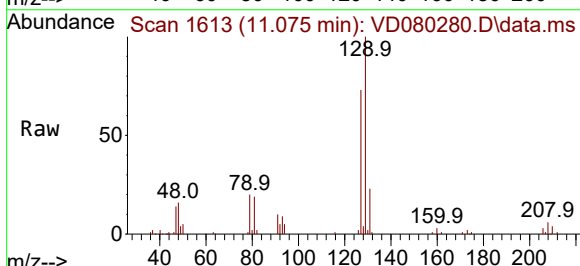
Acq: 18 Mar 2025 13:50

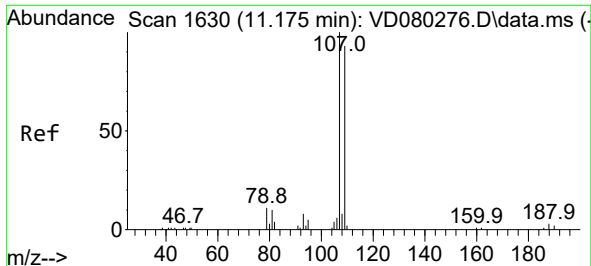
Tgt Ion:129 Resp: 73590

Ion Ratio Lower Upper

129 100

127 72.8 54.9 101.9

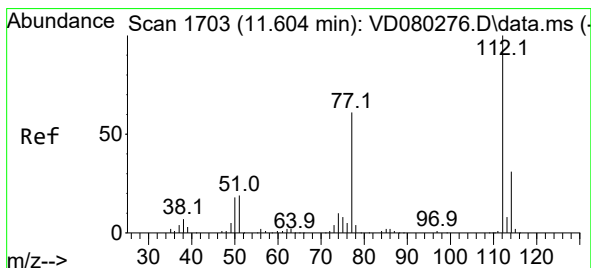
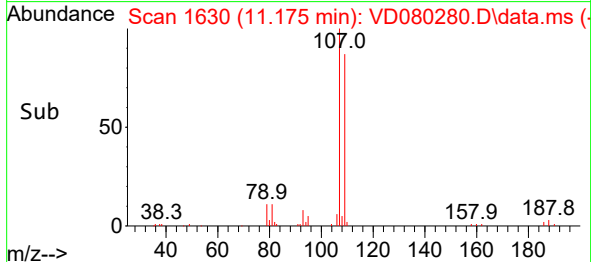
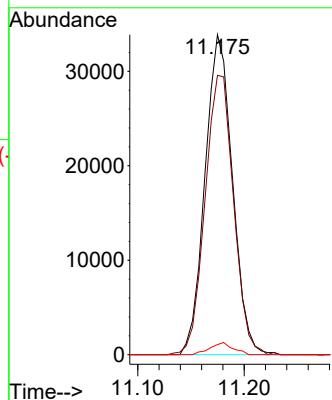
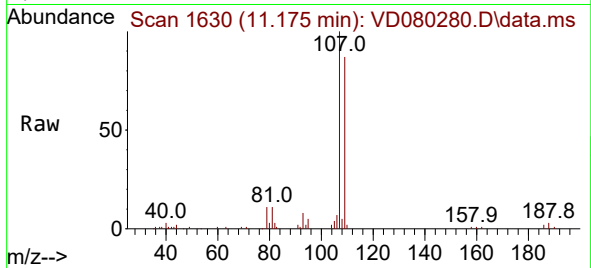




#50
1,2-Dibromoethane
Concen: 25.10 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

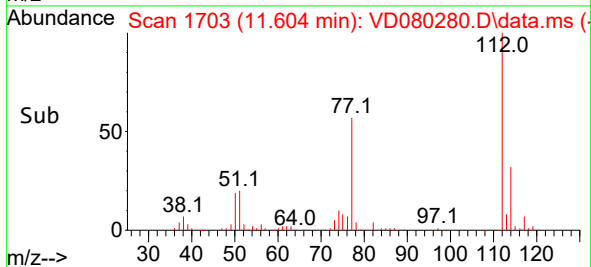
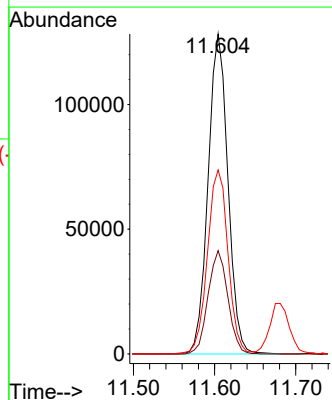
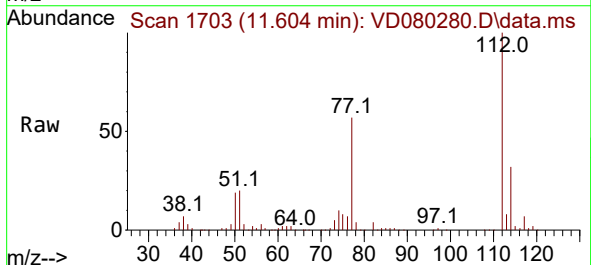
Instrument :
MSVOA_D
ClientSampleId :

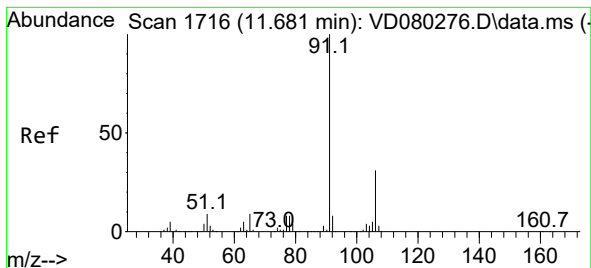
Tgt Ion:107 Resp: 60696
Ion Ratio Lower Upper
107 100
109 87.3 65.5 121.6
188 3.1 2.2 3.2



#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

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

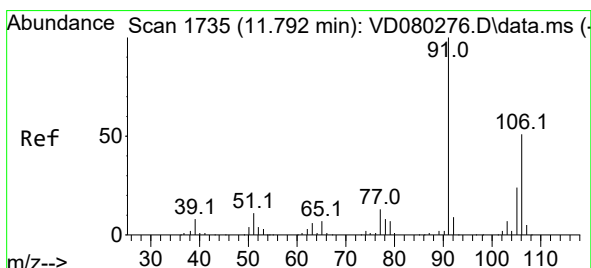
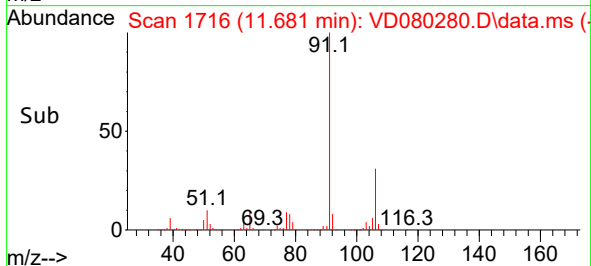
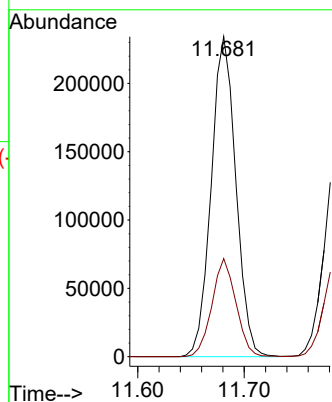
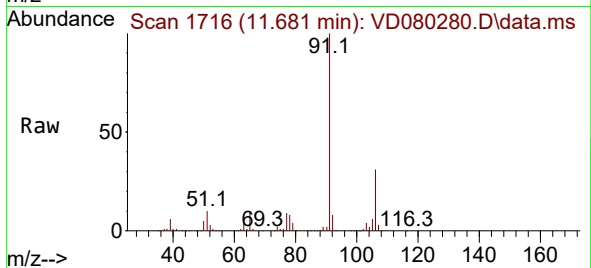




#52
Ethylbenzene
Concen: 25.76 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

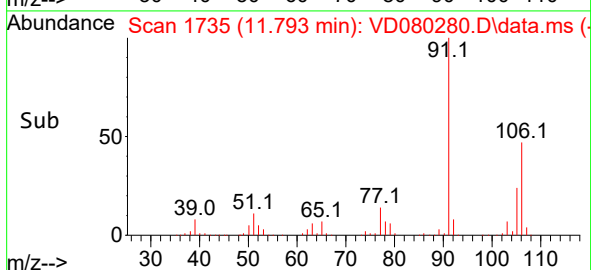
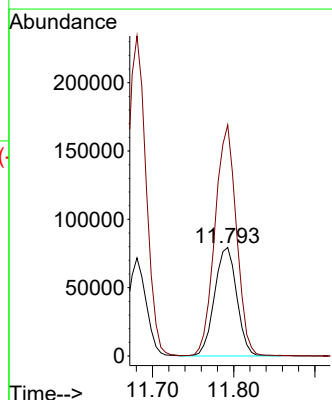
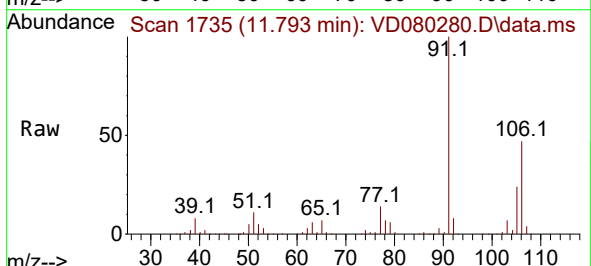
Instrument :
MSVOA_D
ClientSampleId :

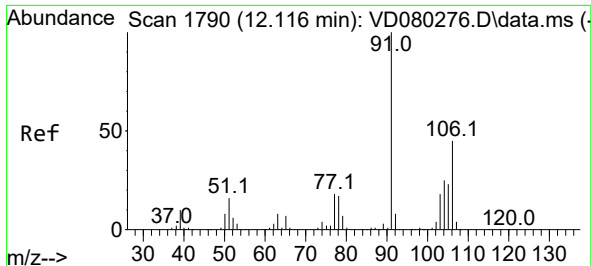
Tgt Ion: 91 Resp: 376483
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 27.96 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

Tgt Ion:106 Resp: 151187
Ion Ratio Lower Upper
106 100
91 212.9 138.0 256.2

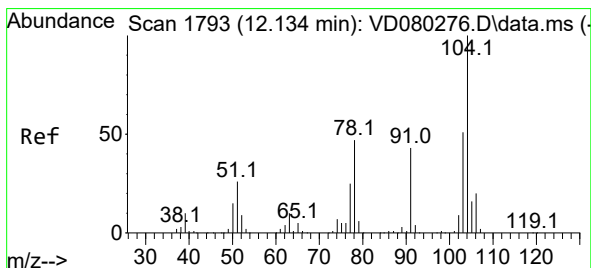
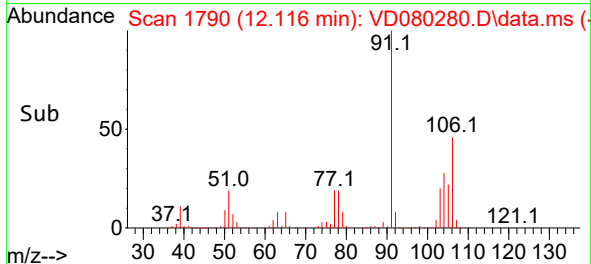
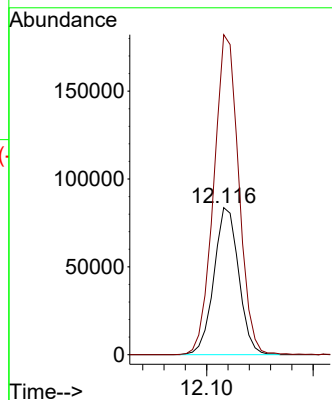
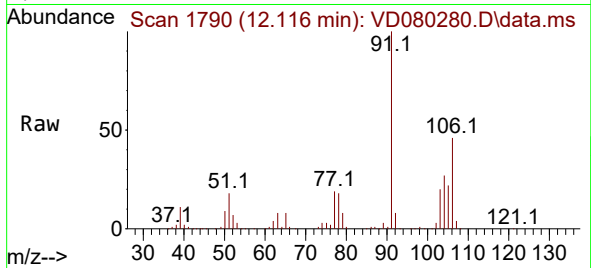




#54
o-Xylene
Concen: 26.35 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

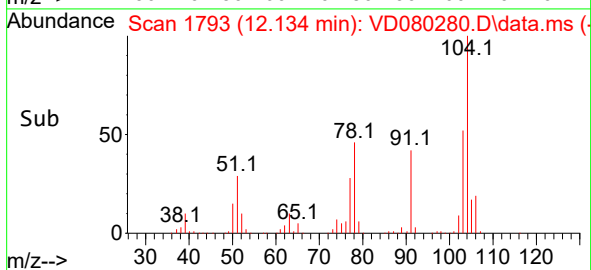
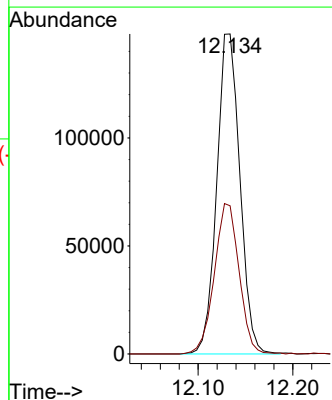
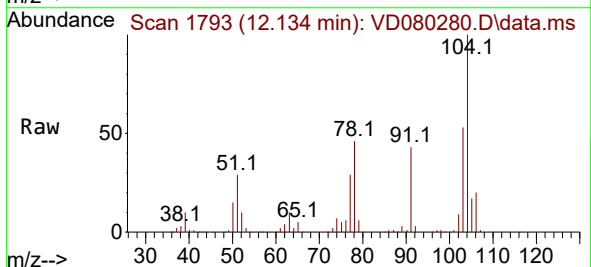
Instrument :
MSVOA_D
ClientSampleId :

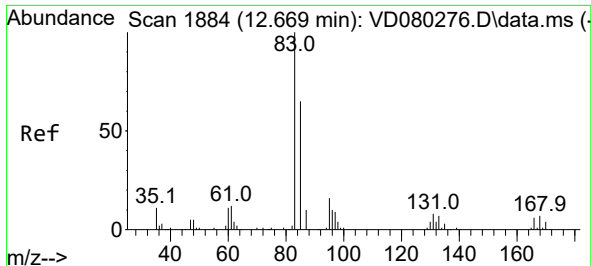
Tgt Ion:106 Resp: 135277
Ion Ratio Lower Upper
106 100
91 217.7 156.5 290.7



#55
Styrene
Concen: 27.08 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

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

Instrument :

MSVOA_D

ClientSampleId :

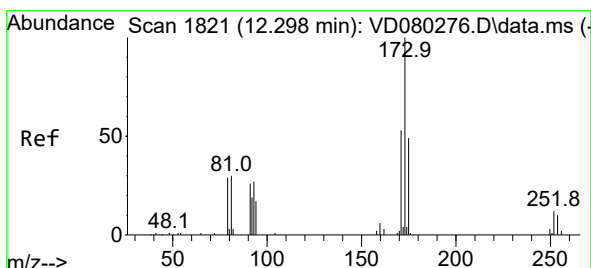
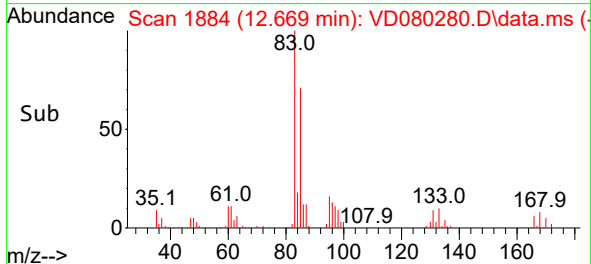
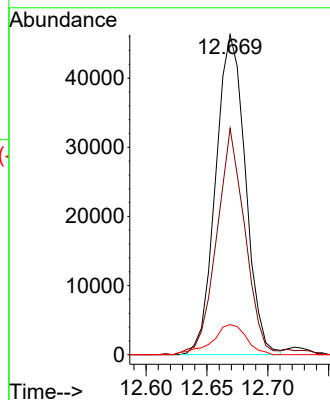
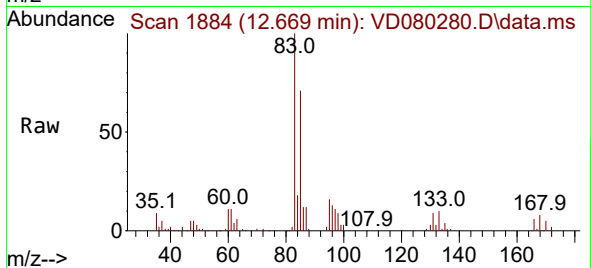
Tgt Ion: 83 Resp: 78736

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# 1820

Delta R.T. -0.006 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

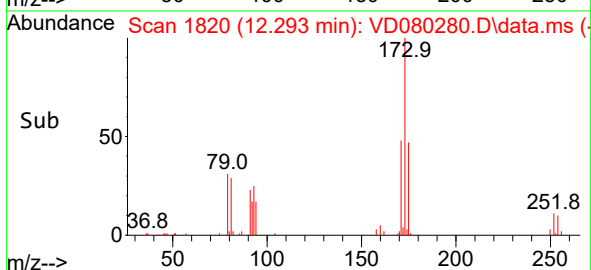
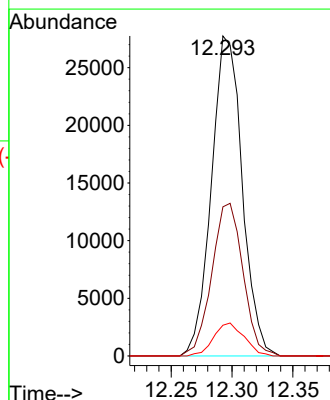
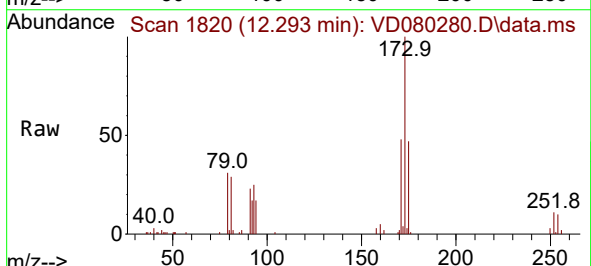
Tgt Ion: 173 Resp: 48843

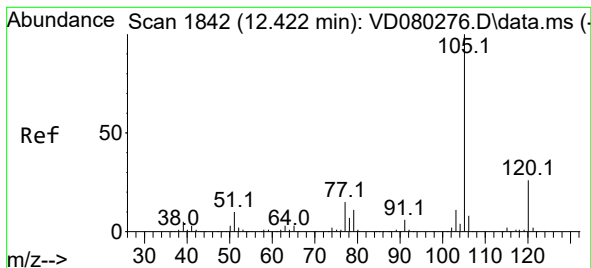
Ion Ratio Lower Upper

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. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

Instrument :

MSVOA_D

ClientSampleId :

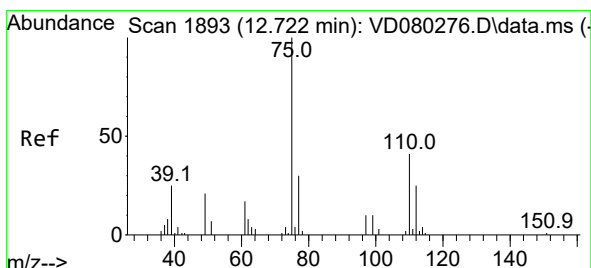
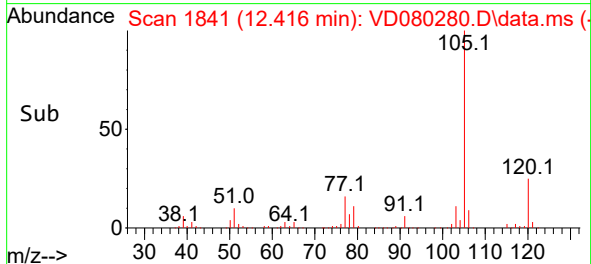
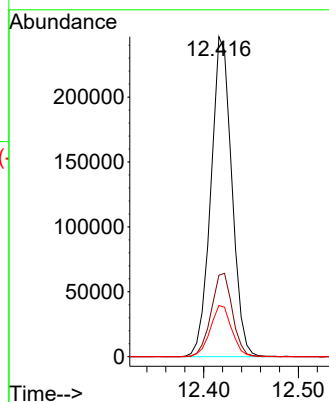
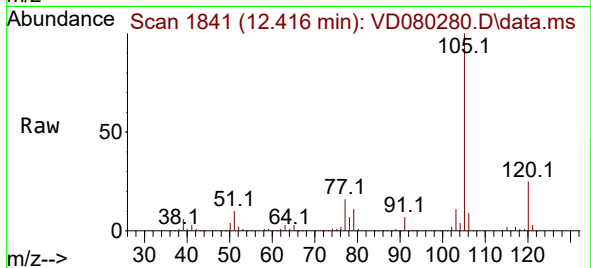
Tgt Ion:105 Resp: 377477

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

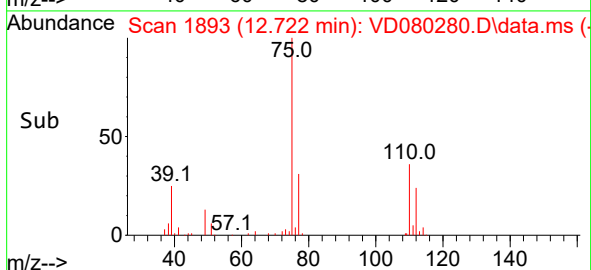
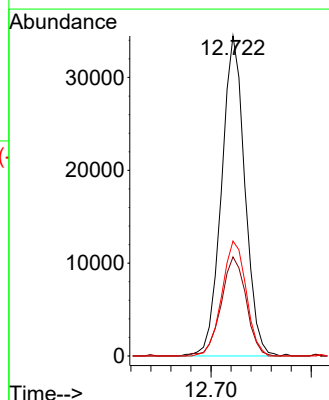
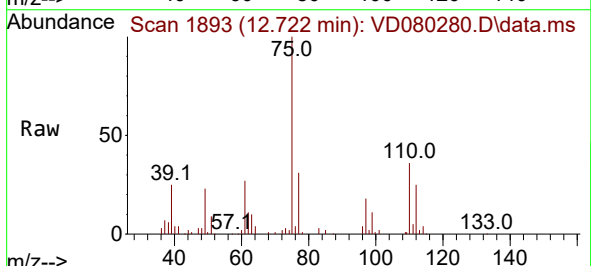
Tgt Ion: 75 Resp: 55527

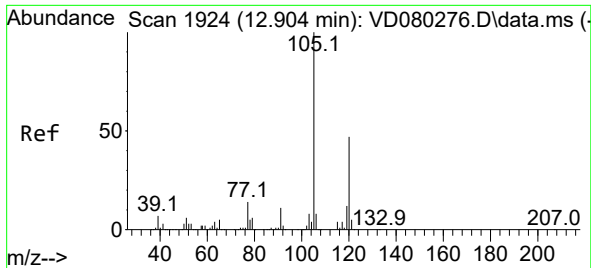
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

110 37.5 30.7 46.1

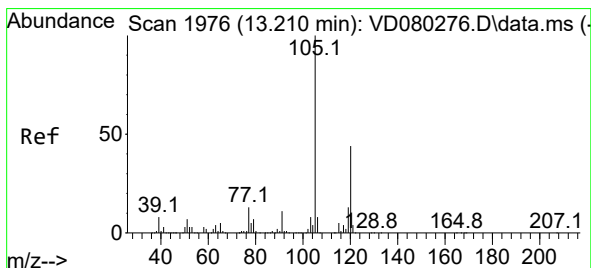
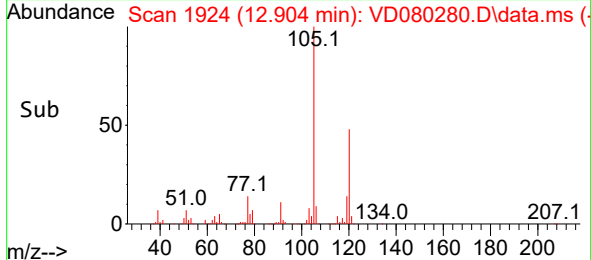
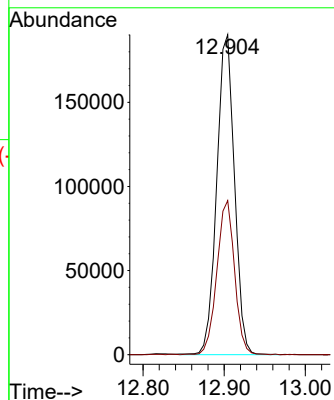
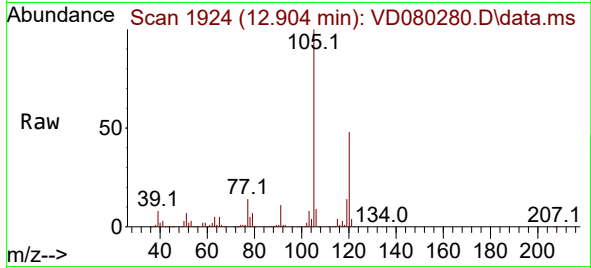




#62
 1,3,5-Trimethylbenzene
 Concen: 25.90 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

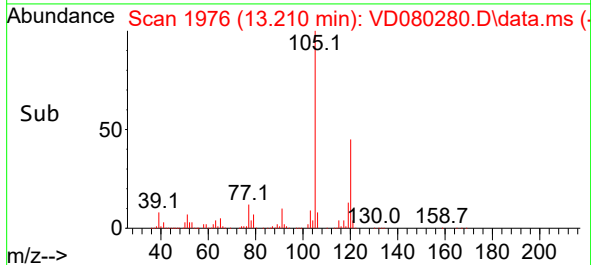
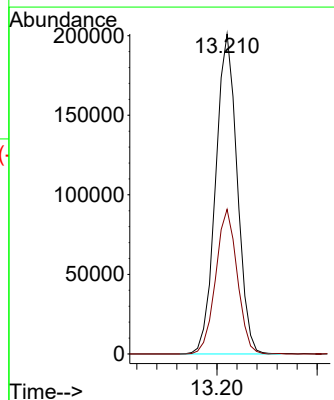
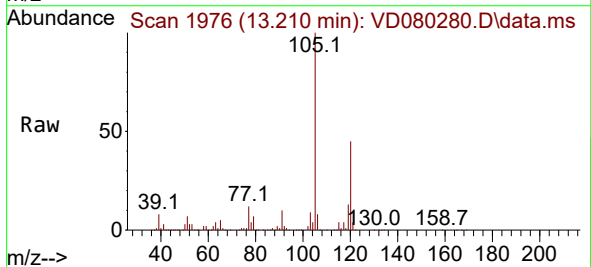
Instrument :
 MSVOA_D
 ClientSampleId :

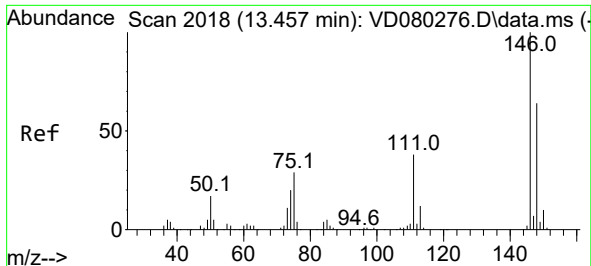
Tgt Ion:105 Resp: 288605
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.0 57.0



#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

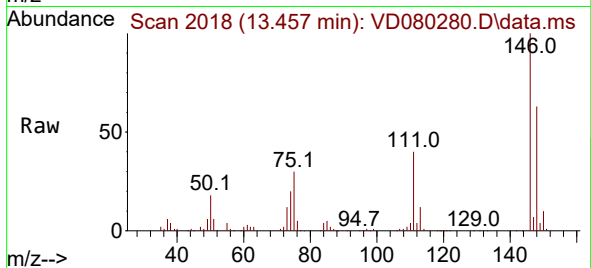
Tgt Ion:105 Resp: 299900
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.4



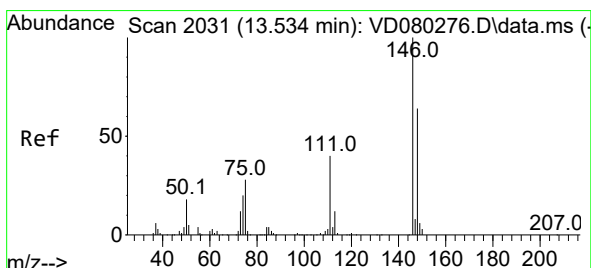
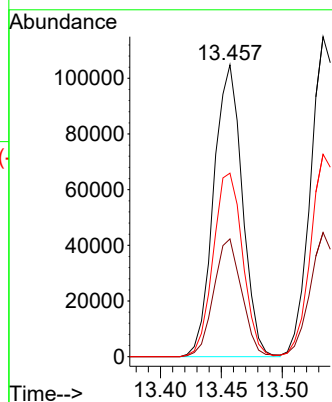
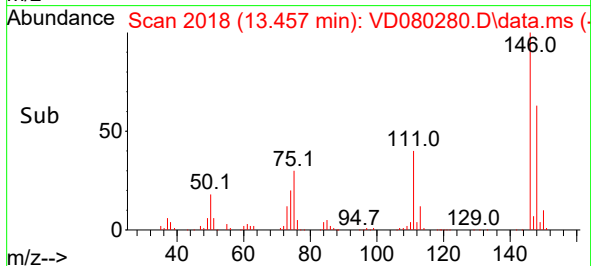


#64
1,3-Dichlorobenzene
Concen: 24.27 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50

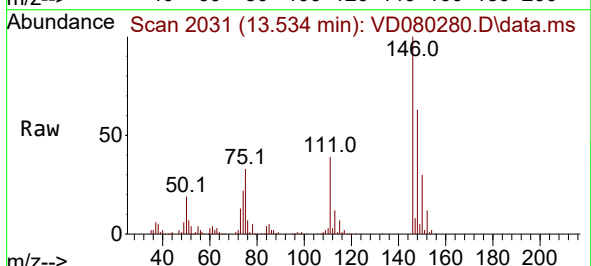
Instrument :
MSVOA_D
ClientSampleId :



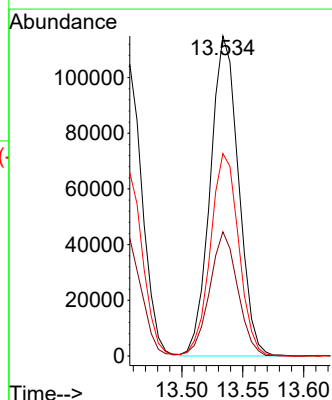
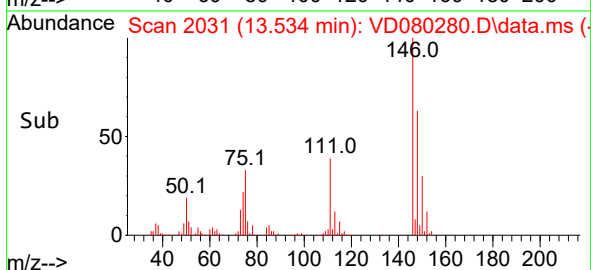
Tgt Ion:146 Resp: 171542
Ion Ratio Lower Upper
146 100
111 40.3 26.9 49.9
148 62.8 44.5 82.7

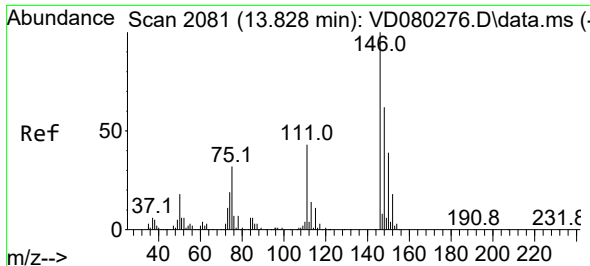


#65
1,4-Dichlorobenzene
Concen: 24.42 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD080280.D
Acq: 18 Mar 2025 13:50



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

Instrument :

MSVOA_D

ClientSampleId :

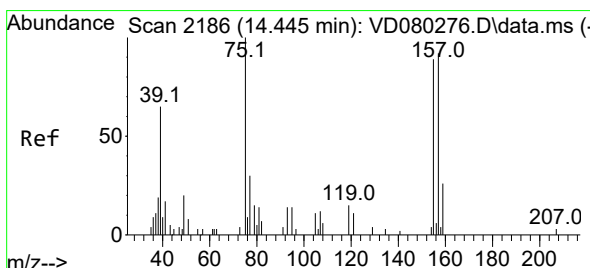
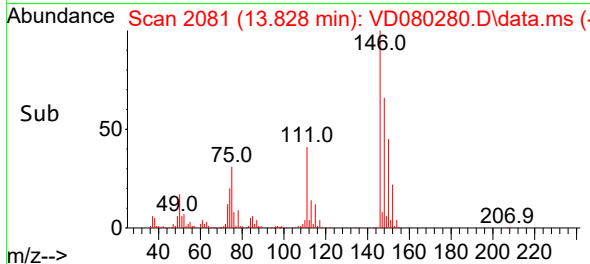
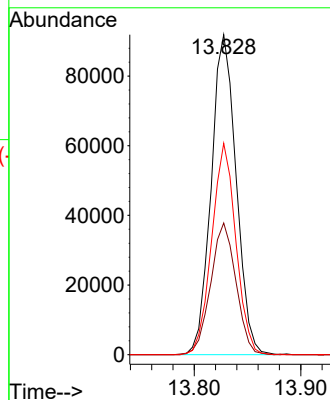
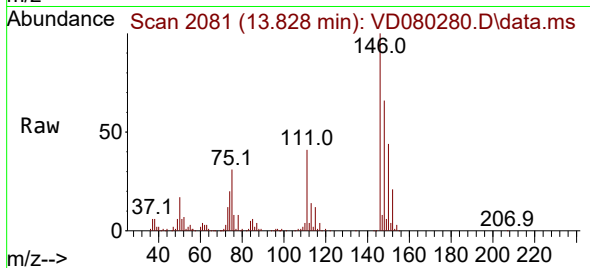
Tgt Ion:146 Resp: 149564

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

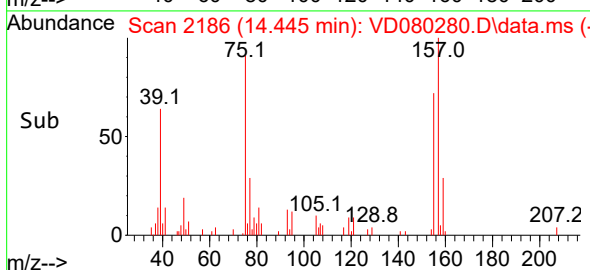
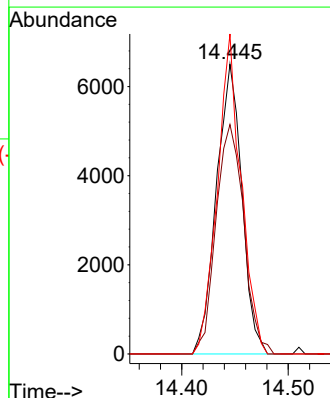
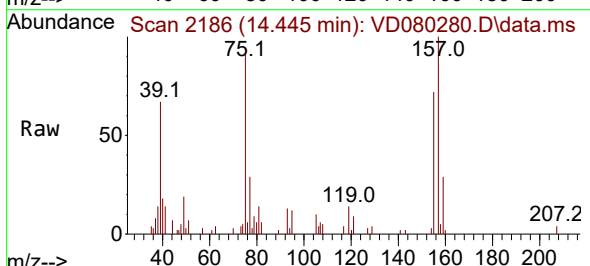
Tgt Ion: 75 Resp: 10772

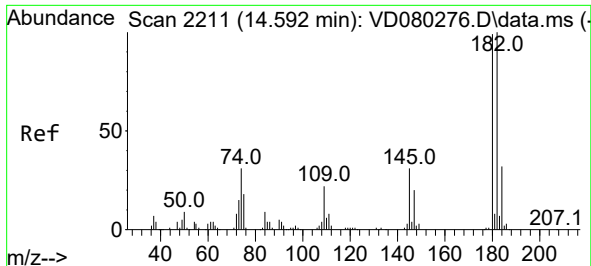
Ion Ratio Lower Upper

75 100

155 79.2 71.5 107.3

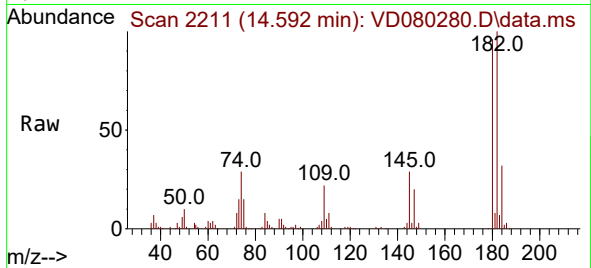
157 110.4 73.5 110.3#



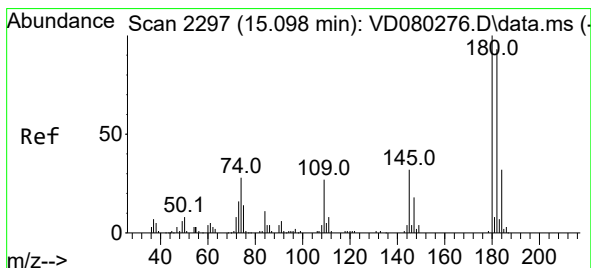
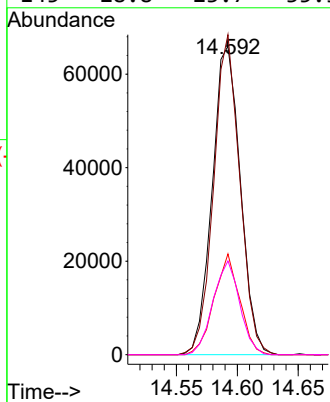
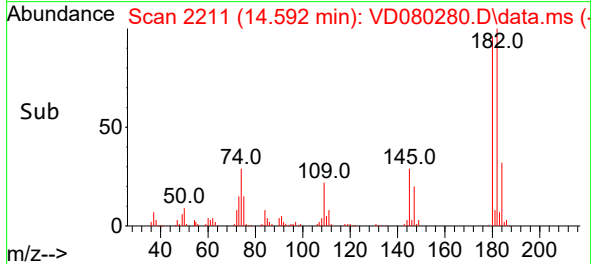


#69
 1,3,5-Trichlorobenzene
 Concen: 22.86 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50

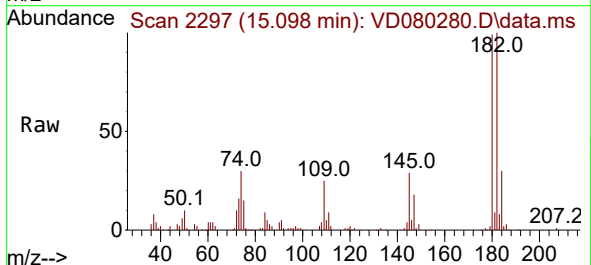
Instrument :
 MSVOA_D
 ClientSampleId :



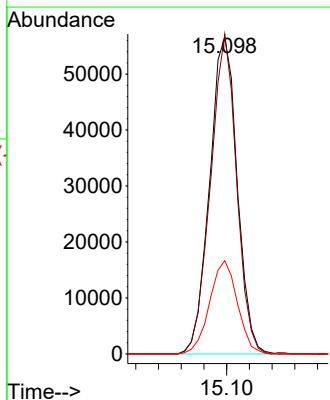
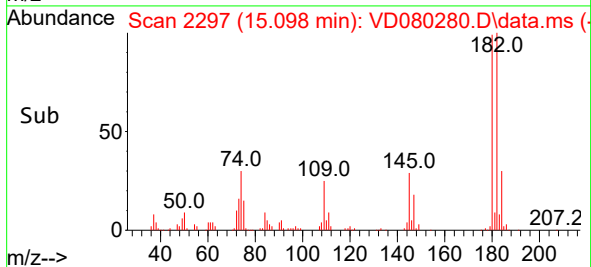
Tgt Ion:180 Resp: 106258
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.0 115.4
 184 29.8 24.0 36.0
 145 28.8 23.7 35.5

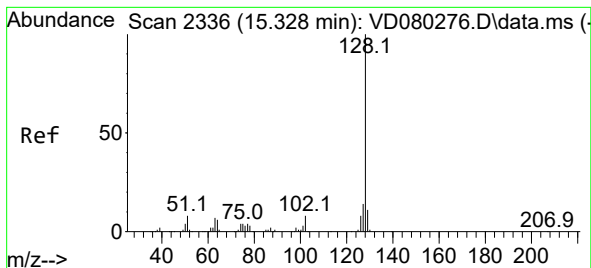


#70
 1,2,4-trichlorobenzene
 Concen: 24.57 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD080280.D
 Acq: 18 Mar 2025 13:50



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

Instrument :

MSVOA_D

ClientSampleId :

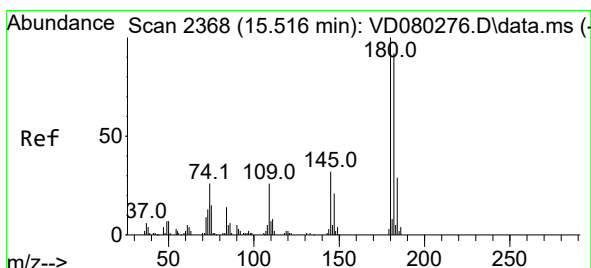
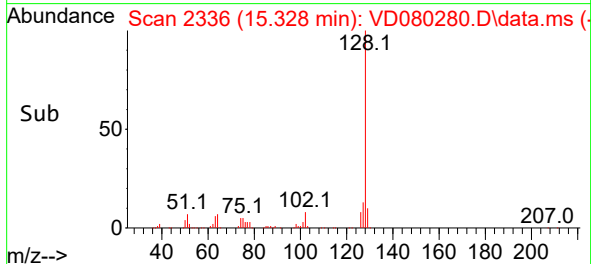
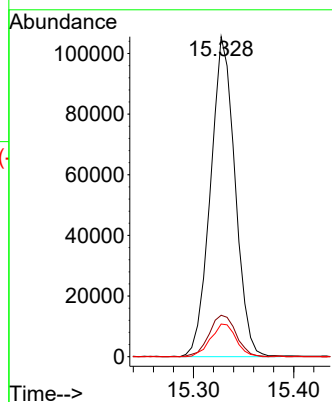
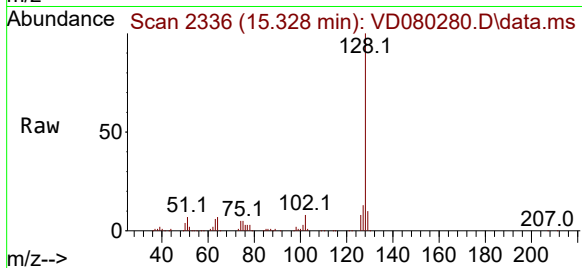
Tgt Ion:128 Resp: 179533

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# 2368

Delta R.T. 0.000 min

Lab File: VD080280.D

Acq: 18 Mar 2025 13:50

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

