

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031925\
 Data File : VD080288.D
 Acq On : 19 Mar 2025 13:34
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD02508

Quant Time: Mar 24 14:55:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 14:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	164001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	166236	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92411	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	96049	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.16%
7) Chloroethane-d5	2.799	69	94345	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	3.911	65	20662	18.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.80%
21) 2-Butanone-d5	7.075	46	619	1.09	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.18%#
24) Chloroform-d	7.563	84	122070	24.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.228	65	71248	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.12%
32) Benzene-d6	8.199	84	241635	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	9.210	67	79823	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.88%
41) Toluene-d8	10.269	98	224891	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloroprop...	10.522	79	33105	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.64%
47) 2-Hexanone-d5	10.875	63	24179	53.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.66%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72771	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
66) 1,2-Dichlorobenzene-d4	13.816	152	77821	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	72860	23.90	ug/L	98
3) Chloromethane	2.152	50	113915	23.13	ug/L	96
5) Vinyl chloride	2.281	62	142538	22.26	ug/L	94
6) Bromomethane	2.693	94	80400	24.12	ug/L	92
8) Chloroethane	2.834	64	97776	22.58	ug/L	98
9) Trichlorofluoromethane	3.170	101	117037	24.50	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	64143	22.73	ug/L	96
12) 1,1-Dichloroethene	3.940	96	53753	22.37	ug/L	93
13) Acetone	4.022	43	41852	68.66	ug/L	96
14) Carbon disulfide	4.269	76	208272	23.41	ug/L	98
15) Methyl Acetate	4.564	43	29738	23.10	ug/L #	86
16) Methylene chloride	4.805	84	71484	22.25	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	65933	25.37	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	140576	25.76	ug/L	100
19) 1,1-Dichloroethane	6.105	63	128249	25.12	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	68468	24.44	ug/L	92
23) Bromochloromethane	7.428	128	37340	27.91	ug/L	96
25) Chloroform	7.593	83	156921	28.73	ug/L	100
27) 1,2-Dichloroethane	8.322	62	98191	28.79	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

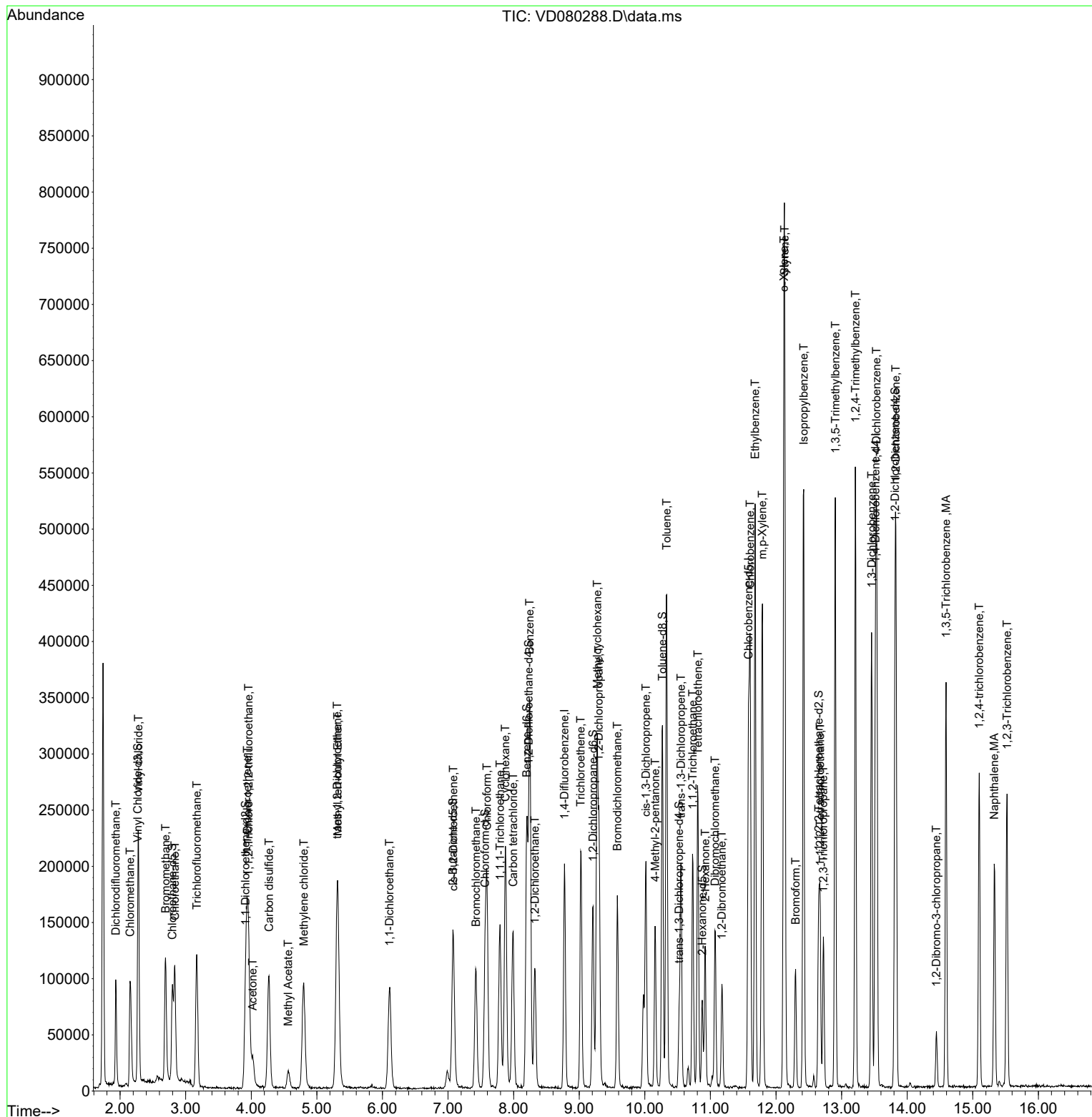
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	107399	27.44	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	117235	26.84	ug/L	99
31) Carbon tetrachloride	7.993	117	104971	27.37	ug/L	99
33) Benzene	8.246	78	308138	28.53	ug/L	100
34) Trichloroethene	9.022	95	75089	26.04	ug/L	94
35) Methylcyclohexane	9.275	83	112612	27.56	ug/L	99
37) 1,2-Dichloropropane	9.299	63	86058	27.46	ug/L	99
38) Bromodichloromethane	9.581	83	108720	27.33	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	118769	26.15	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	94466	56.97	ug/L	98
42) Toluene	10.334	91	333530	28.91	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	108097	28.50	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	66089	28.16	ug/L	97
46) Tetrachloroethene	10.810	164	59622	26.60	ug/L	97
48) 2-Hexanone	10.922	43	79707	66.33	ug/L	99
49) Dibromochloromethane	11.069	129	72396	27.29	ug/L	96
50) 1,2-Dibromoethane	11.175	107	60165	28.94	ug/L #	95
51) Chlorobenzene	11.604	112	201889	26.41	ug/L	97
52) Ethylbenzene	11.681	91	353271	28.11	ug/L	99
53) m,p-Xylene	11.793	106	135397	29.12	ug/L	91
54) o-Xylene	12.122	106	126831	28.74	ug/L	93
55) Styrene	12.134	104	237894	29.74	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	80388	28.29	ug/L	94
59) Bromoform	12.298	173	47073	27.50	ug/L	98
60) Isopropylbenzene	12.422	105	338645	27.22	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	53345	26.06	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	267144	27.25	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	271635	27.27	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	165829	26.67	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	176510	26.37	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	151462	26.36	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	12631	26.07	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.592	180	108963	26.65	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	88529	25.99	ug/L	98
71) Naphthalene	15.328	128	170861	26.70	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	87596	28.48	ug/L	100

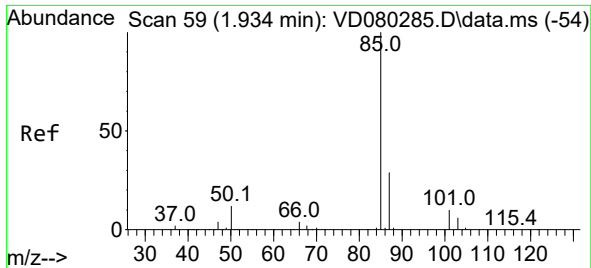
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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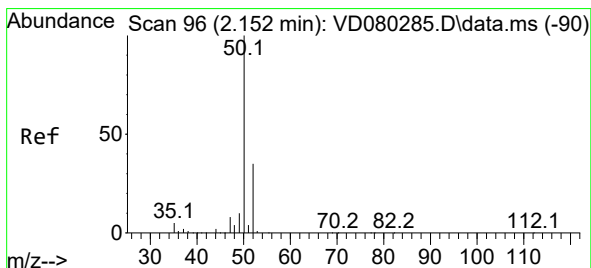
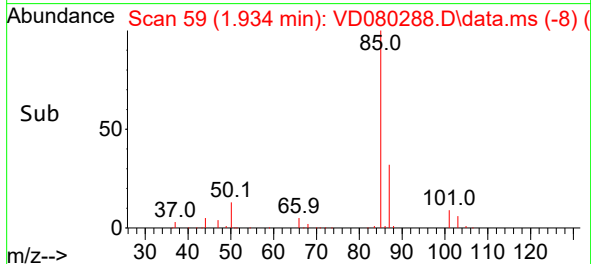
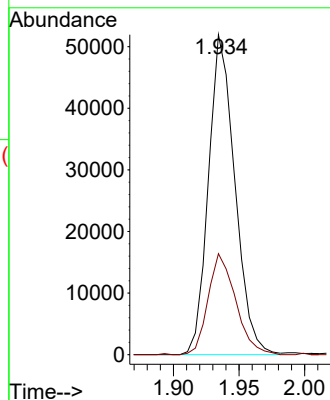
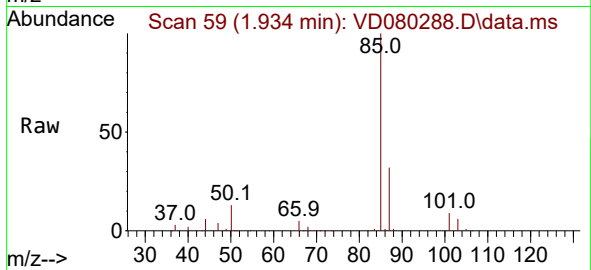




#2
Dichlorodifluoromethane
Concen: 23.90 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

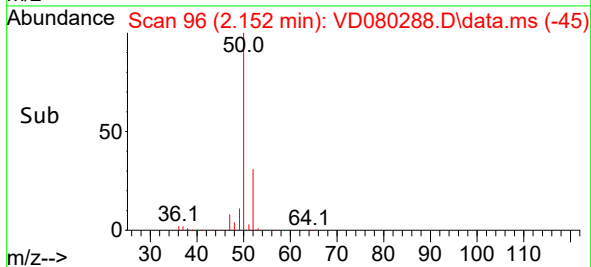
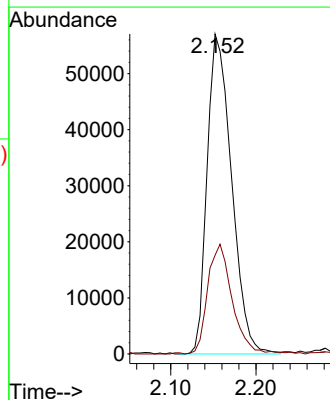
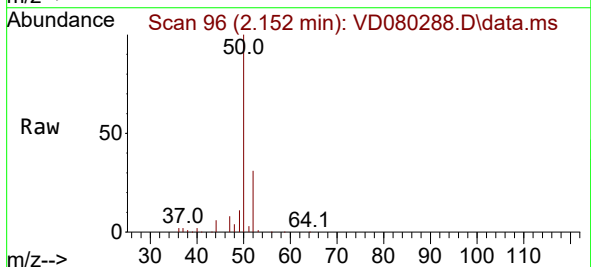
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

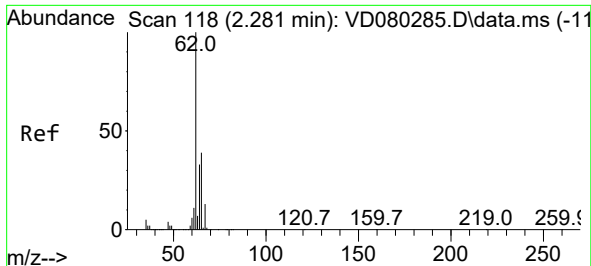
Tgt Ion: 85 Resp: 72860
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 23.13 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 50 Resp: 113915
Ion Ratio Lower Upper
50 100
52 30.8 23.1 42.9

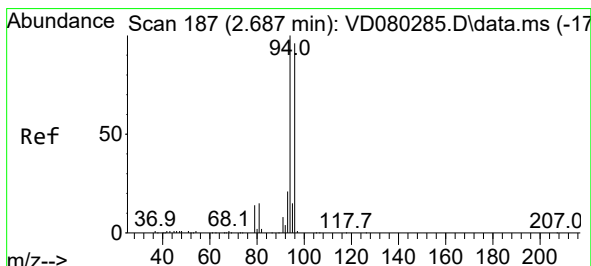
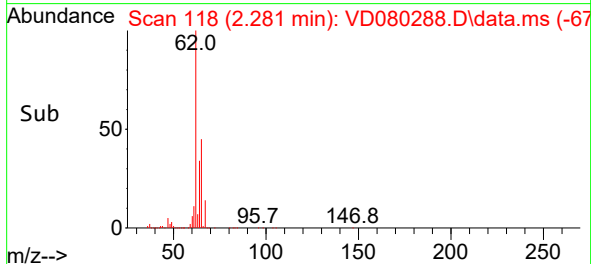
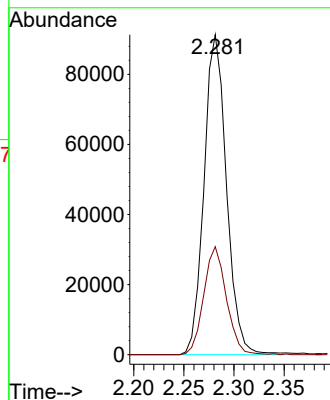
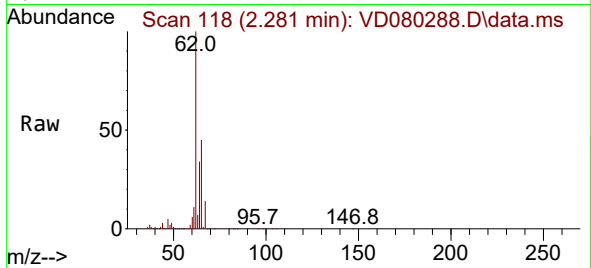




#5
 Vinyl chloride
 Concen: 22.26 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

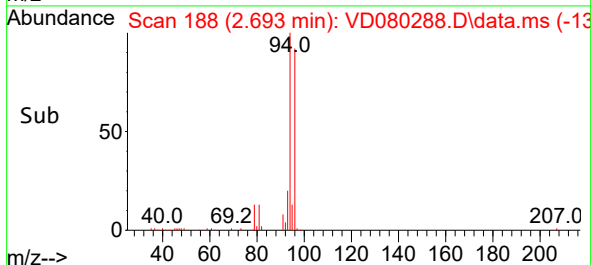
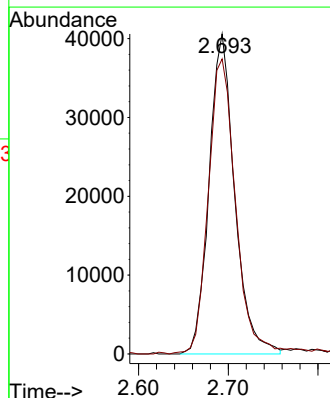
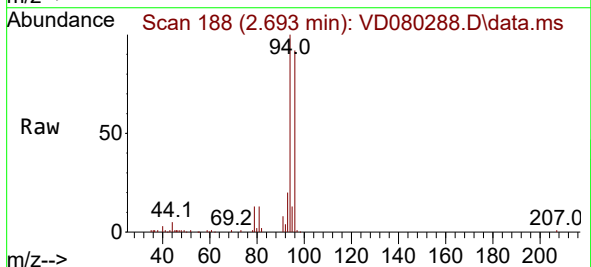
Instrument :
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 ClientSampleId :
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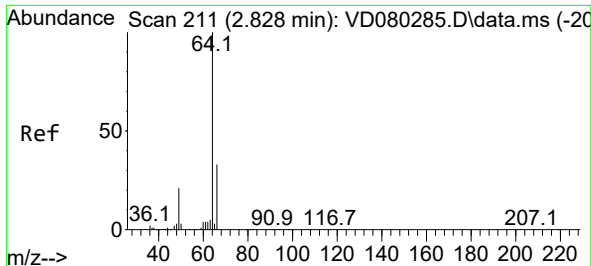
Tgt Ion: 62 Resp: 142538
 Ion Ratio Lower Upper
 62 100
 64 33.7 21.3 39.6



#6
 Bromomethane
 Concen: 24.12 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

Tgt Ion: 94 Resp: 80400
 Ion Ratio Lower Upper
 94 100
 96 92.2 70.3 130.5

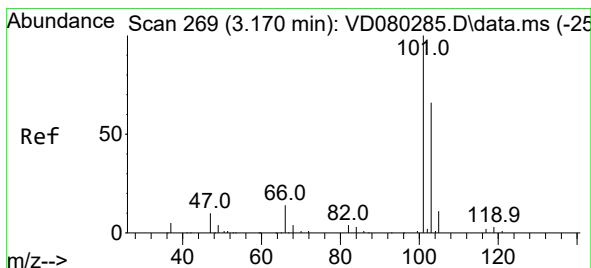
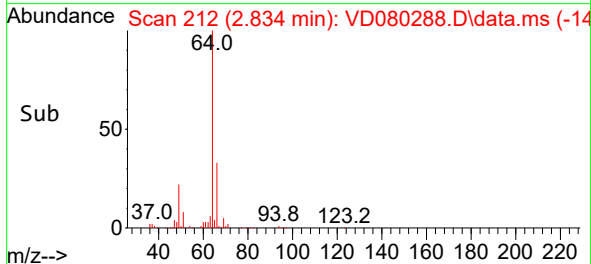
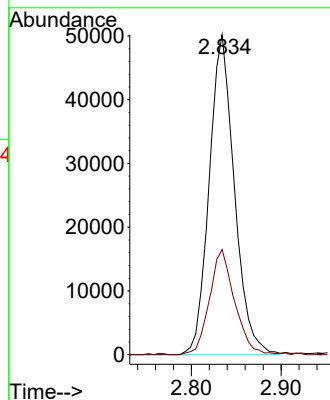
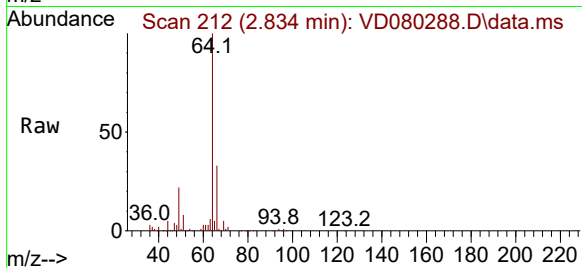




#8
Chloroethane
Concen: 22.58 ug/L
RT: 2.834 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

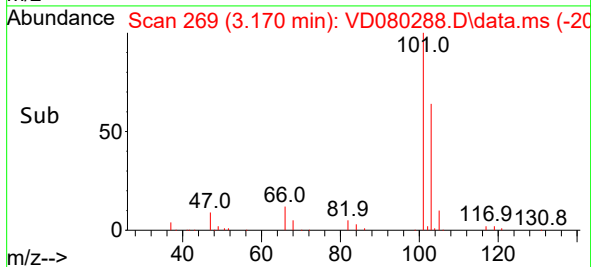
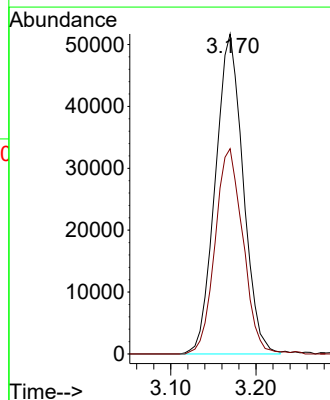
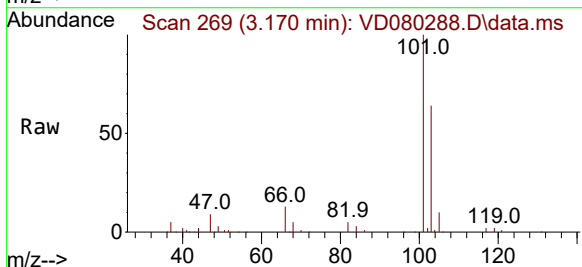
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

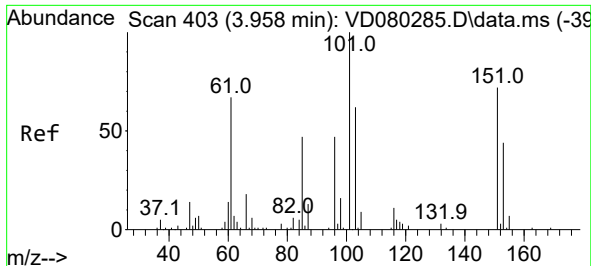
Tgt Ion: 64 Resp: 97776
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.50 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:101 Resp: 117037
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

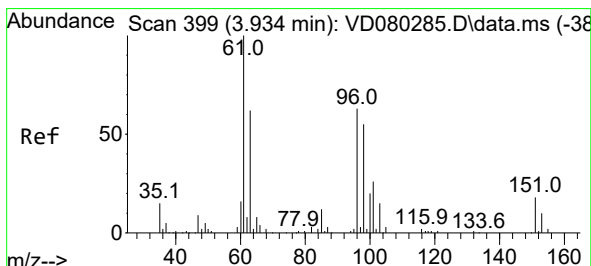
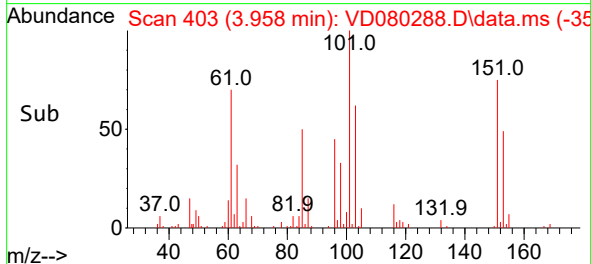
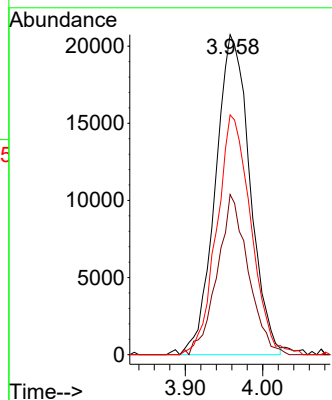
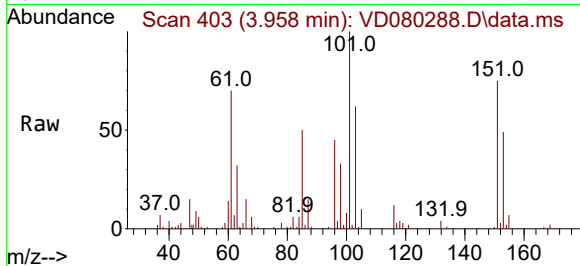




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.73 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

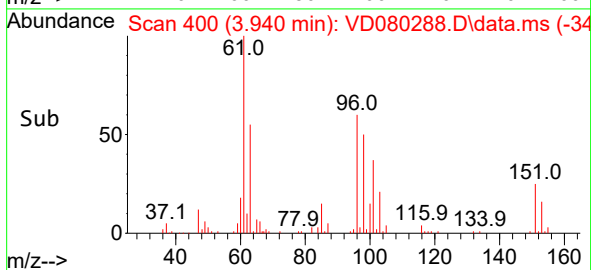
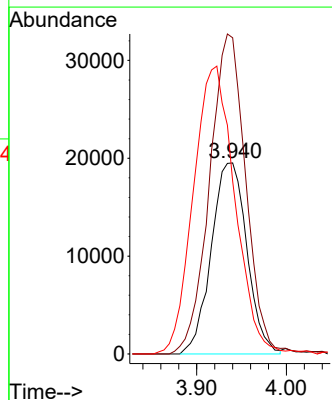
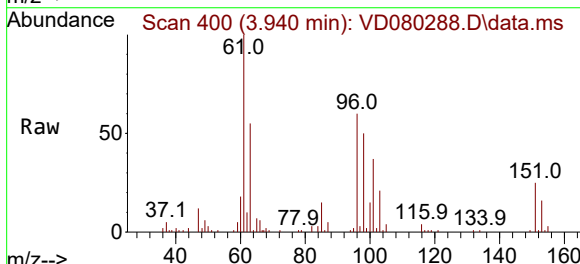
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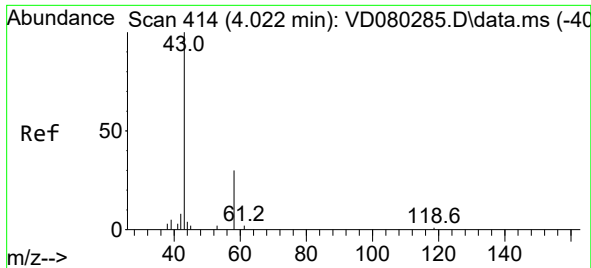
Tgt Ion:101 Resp: 64143
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.7 53.5
 151 74.2 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 22.37 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

Tgt Ion: 96 Resp: 53753
 Ion Ratio Lower Upper
 96 100
 61 165.6 112.5 208.9
 63 90.4 71.3 132.5





#13

Acetone

Concen: 68.66 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

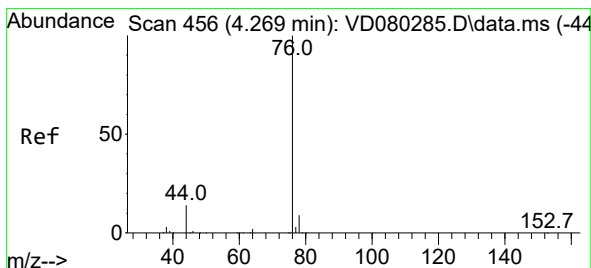
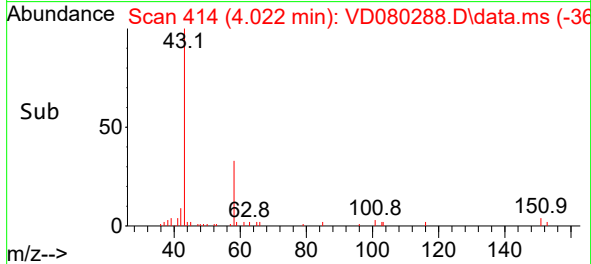
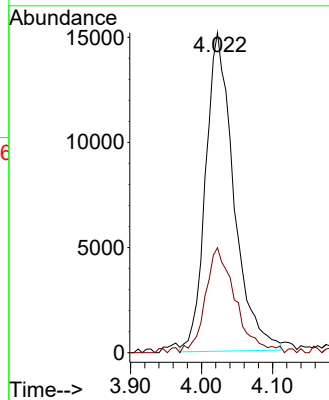
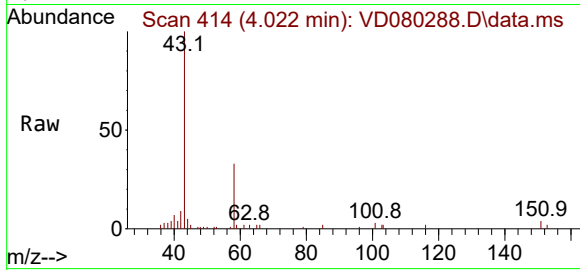
VSTD02508

Tgt Ion: 43 Resp: 41852

Ion Ratio Lower Upper

43 100

58 34.6 0.0 65.2



#14

Carbon disulfide

Concen: 23.41 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD080288.D

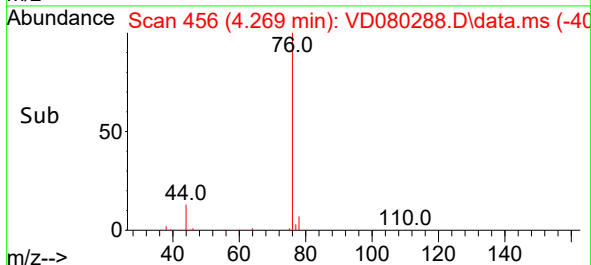
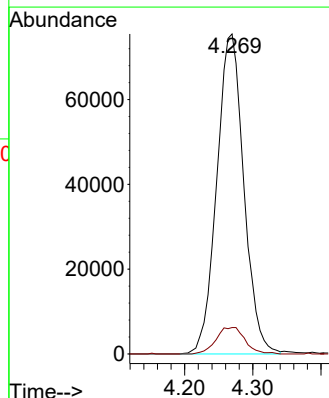
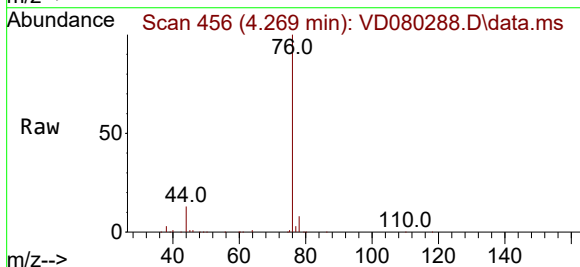
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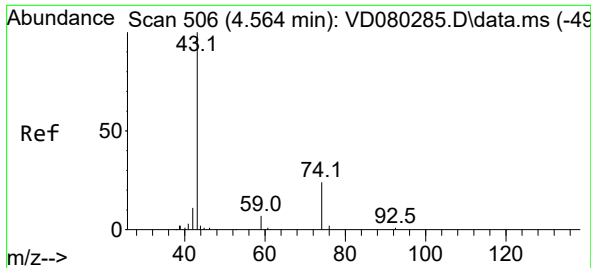
Tgt Ion: 76 Resp: 208272

Ion Ratio Lower Upper

76 100

78 8.2 7.2 10.8

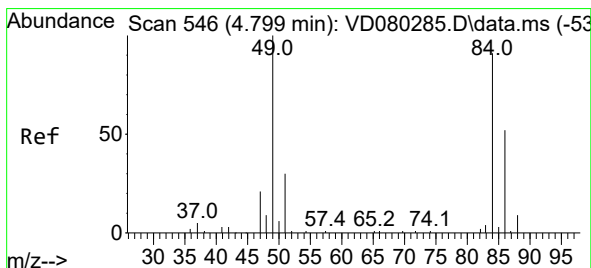
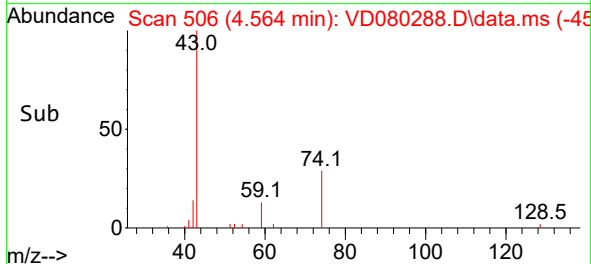
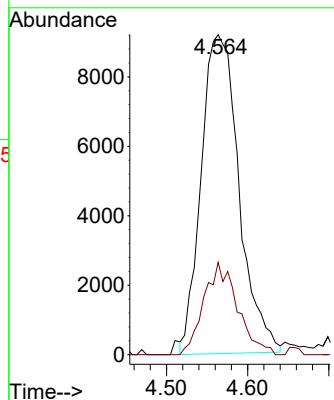
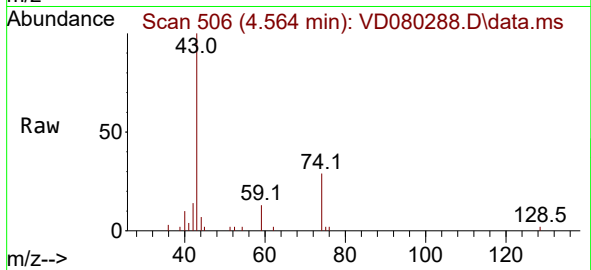




#15
Methyl Acetate
Concen: 23.10 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

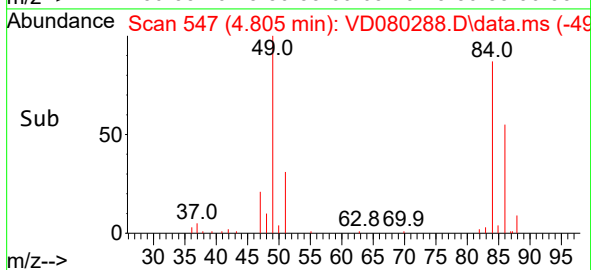
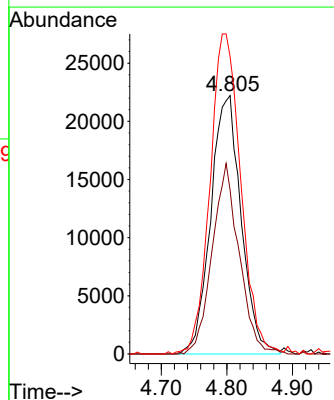
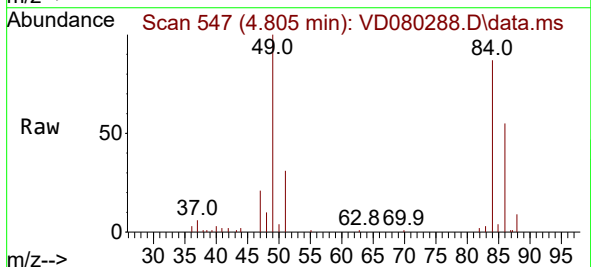
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

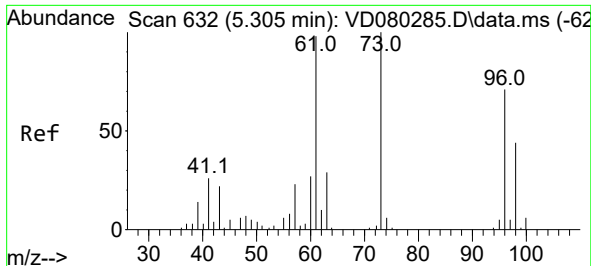
Tgt Ion: 43 Resp: 29738
Ion Ratio Lower Upper
43 100
74 15.1 17.2 25.8#



#16
Methylene chloride
Concen: 22.25 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 84 Resp: 71484
Ion Ratio Lower Upper
84 100
86 63.4 40.9 75.9
49 115.0 79.7 147.9





#17

trans-1,2-Dichloroethene

Concen: 25.37 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD02508

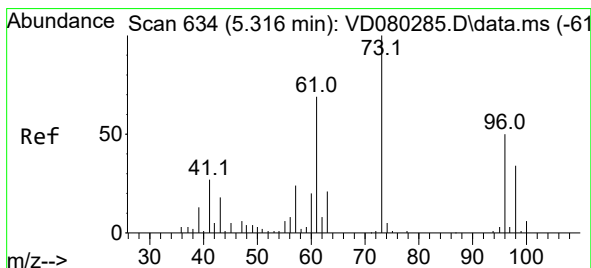
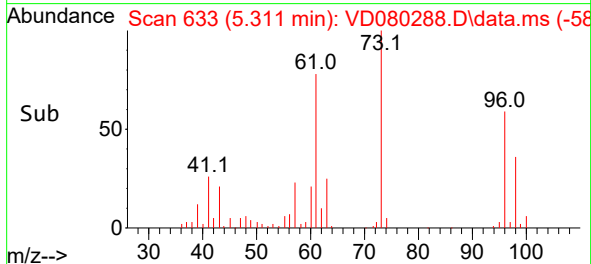
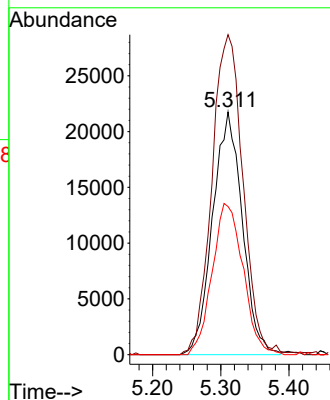
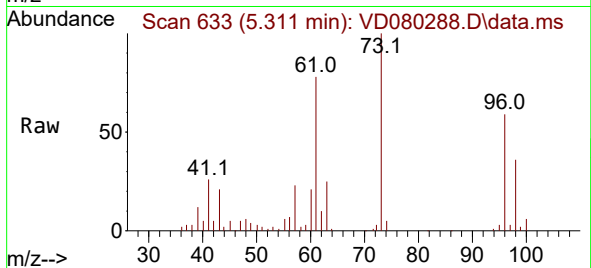
Tgt Ion: 96 Resp: 65933

Ion Ratio Lower Upper

96 100

61 131.8 92.4 171.6

98 61.1 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 25.76 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

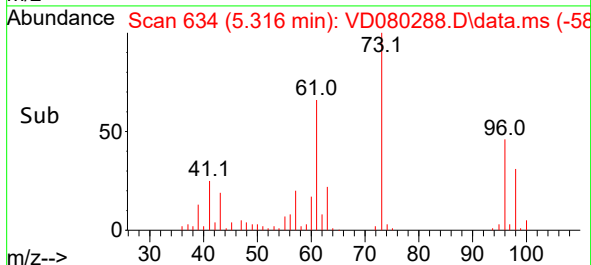
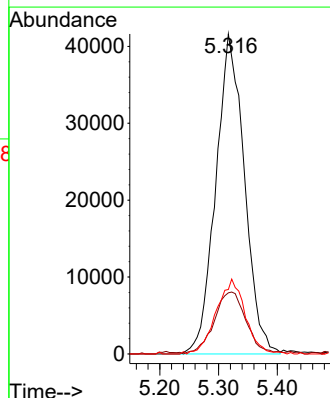
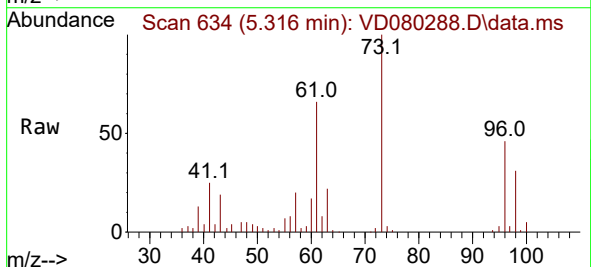
Tgt Ion: 73 Resp: 140576

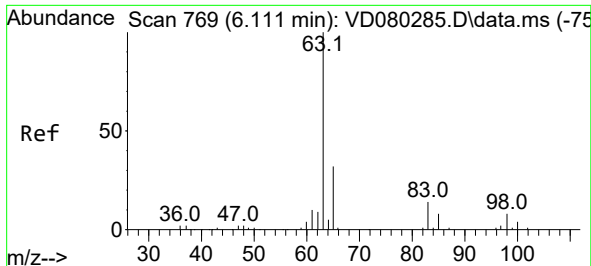
Ion Ratio Lower Upper

73 100

43 21.5 17.2 25.8

57 23.6 18.8 28.2

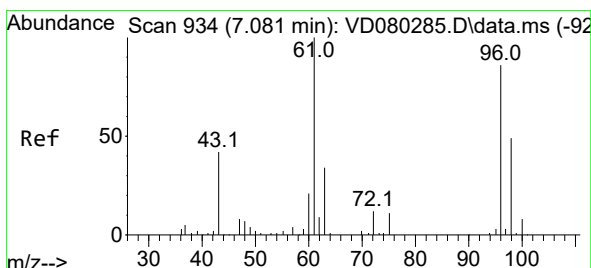
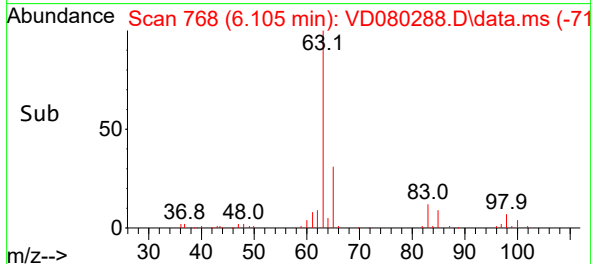
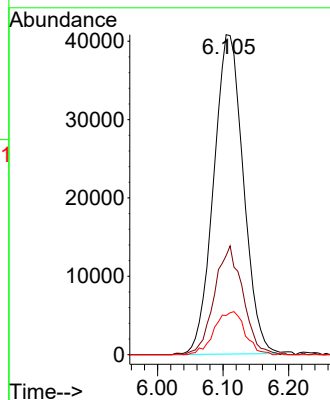
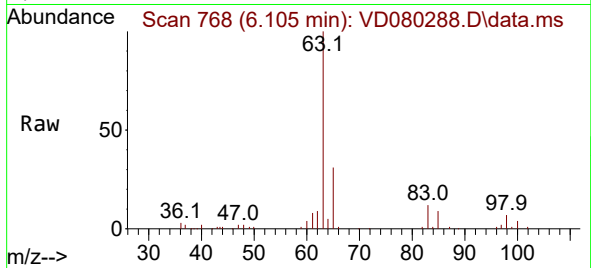




#19
 1,1-Dichloroethane
 Concen: 25.12 ug/L
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

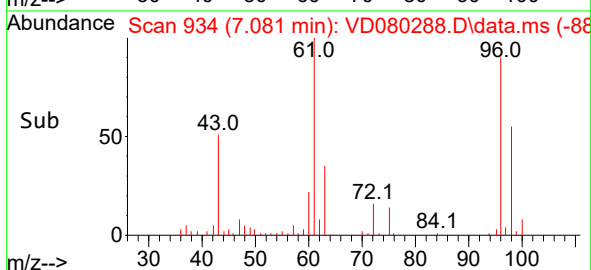
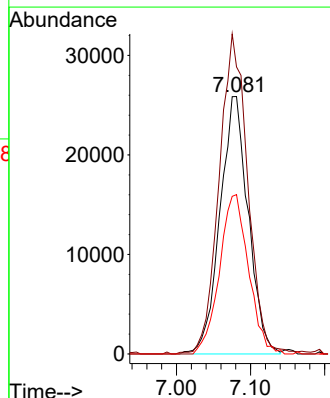
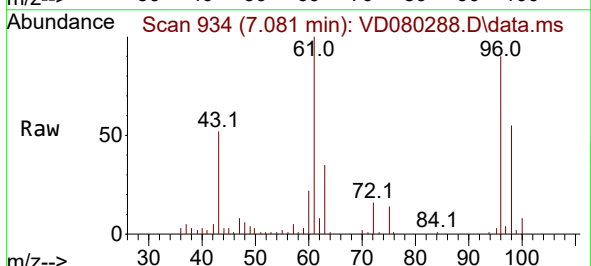
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD02508

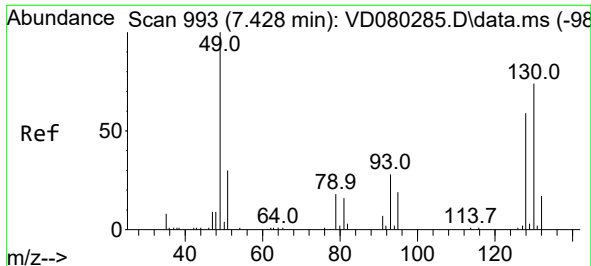
Tgt Ion: 63 Resp: 128249
 Ion Ratio Lower Upper
 63 100
 65 30.9 22.4 41.6
 83 12.3 8.8 16.3



#20
 cis-1,2-Dichloroethene
 Concen: 24.44 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.000 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

Tgt Ion: 96 Resp: 68468
 Ion Ratio Lower Upper
 96 100
 61 111.5 87.8 163.0
 98 61.9 43.7 81.1

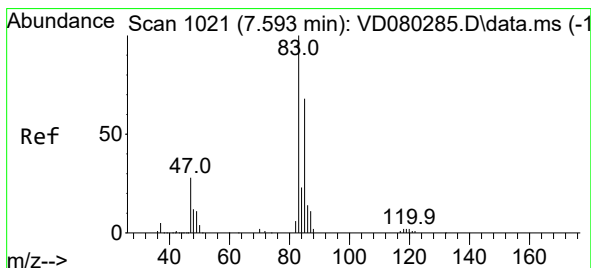
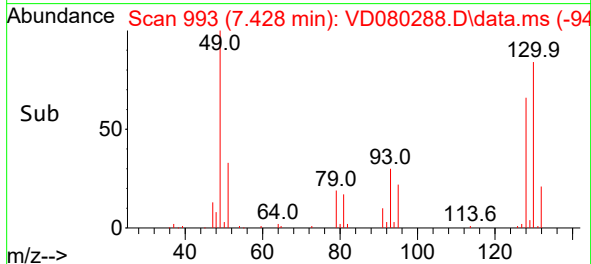
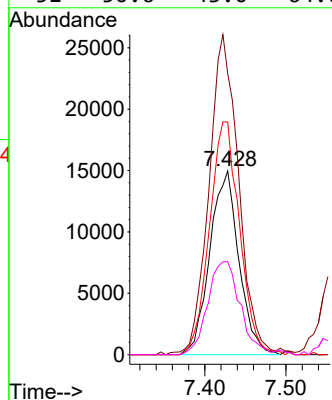
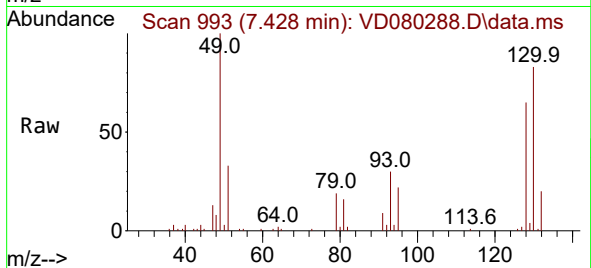




#23
Bromochloromethane
Concen: 27.91 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

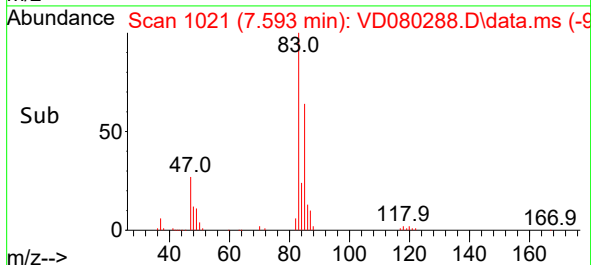
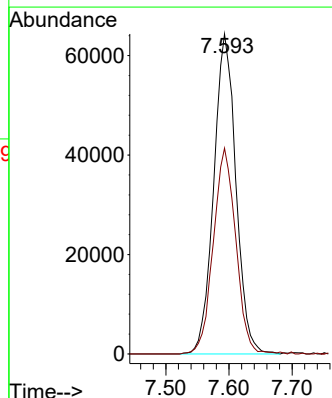
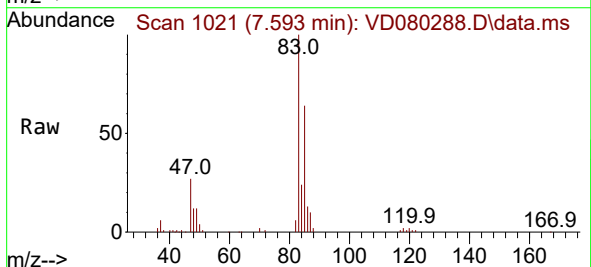
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

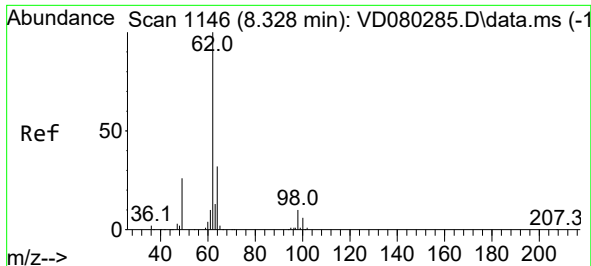
Tgt Ion:	128	Resp:	37340
Ion	Ratio	Lower	Upper
128	100		
49	153.0	112.6	209.0
130	126.7	89.7	166.5
51	50.6	43.0	64.6



#25
Chloroform
Concen: 28.73 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:	83	Resp:	156921
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.1	83.7





#27

1,2-Dichloroethane

Concen: 28.79 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

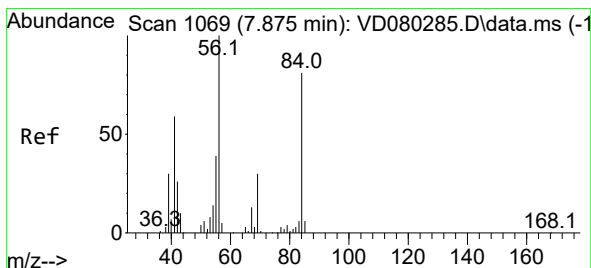
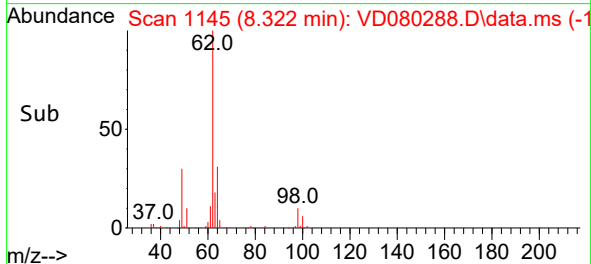
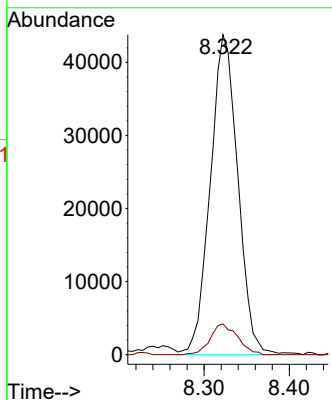
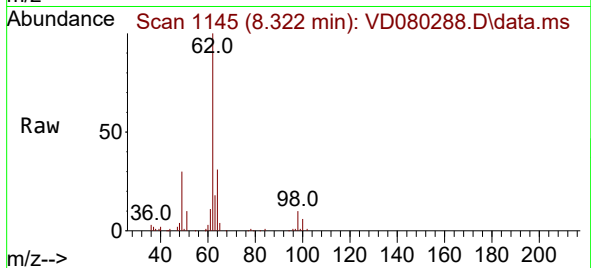
VSTD02508

Tgt Ion: 62 Resp: 98191

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.2



#29

Cyclohexane

Concen: 27.44 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

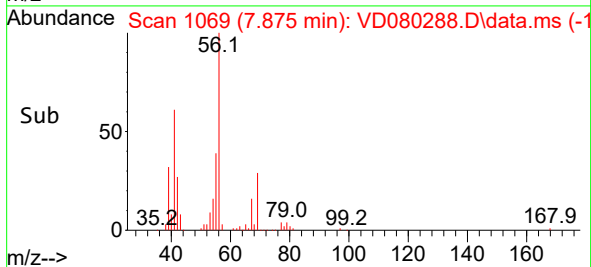
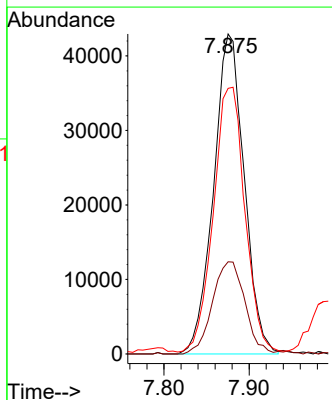
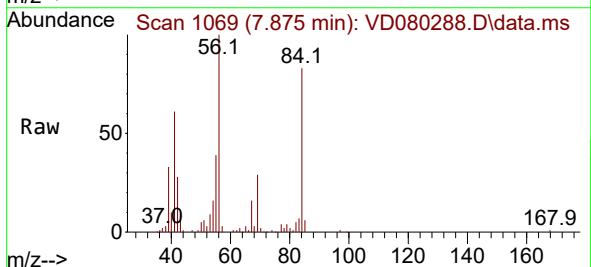
Tgt Ion: 56 Resp: 107399

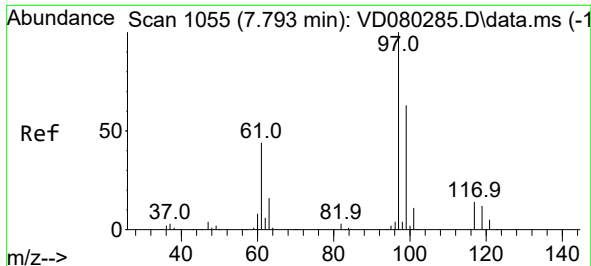
Ion Ratio Lower Upper

56 100

69 30.3 24.6 37.0

84 86.1 71.4 107.2





#30

1,1,1-Trichloroethane

Concen: 26.84 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD02508

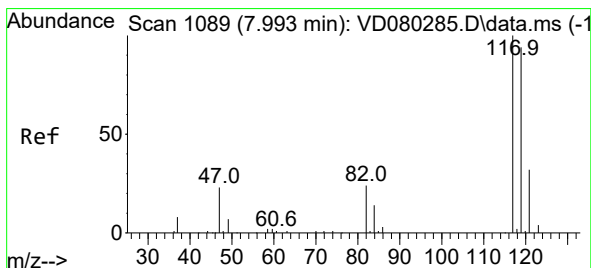
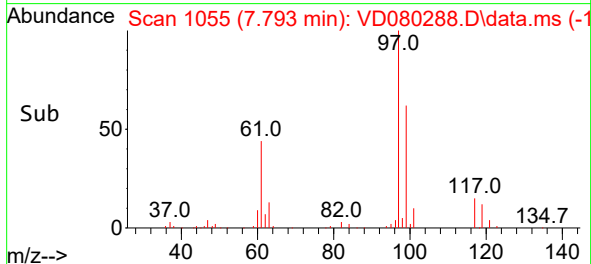
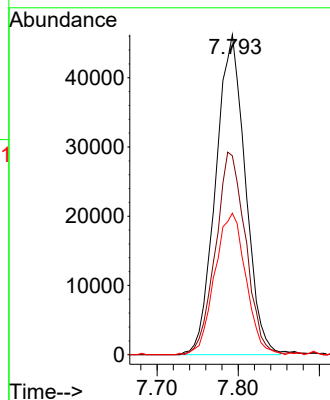
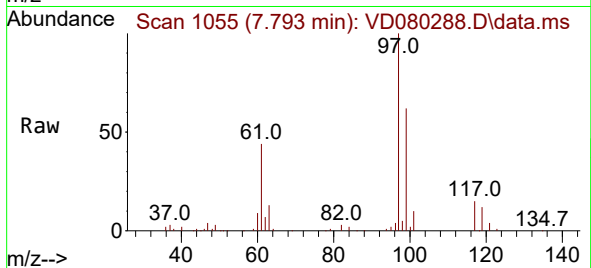
Tgt Ion: 97 Resp: 117235

Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 46.3 36.7 55.1



#31

Carbon tetrachloride

Concen: 27.37 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD080288.D

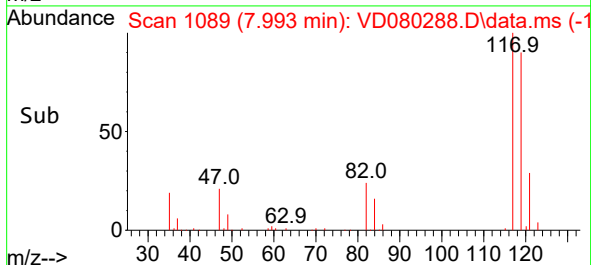
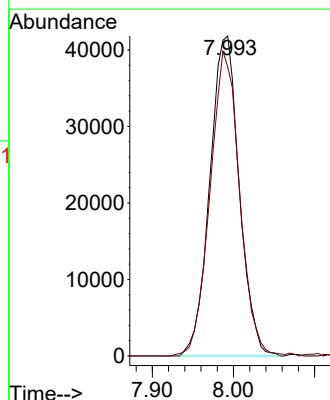
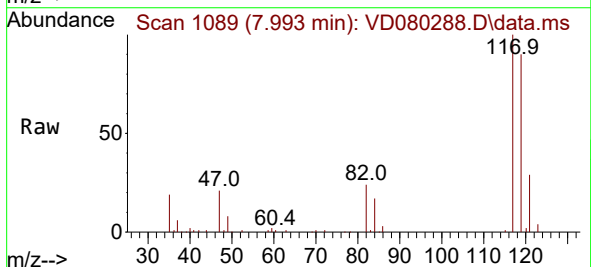
Acq: 19 Mar 2025 13:34

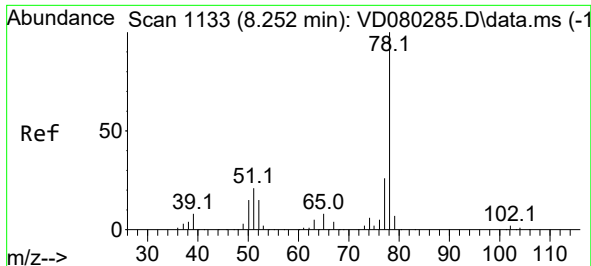
Tgt Ion: 117 Resp: 104971

Ion Ratio Lower Upper

117 100

119 95.8 76.0 114.0

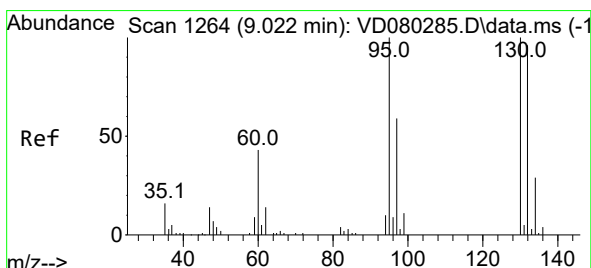
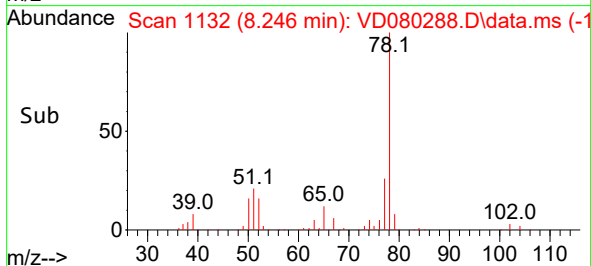
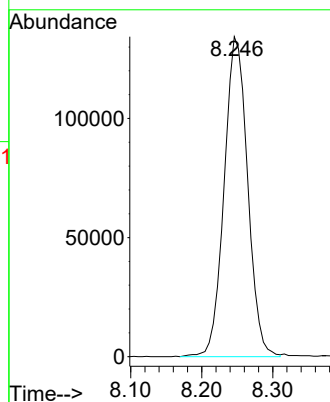
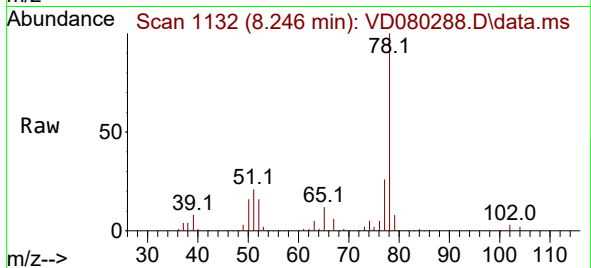




#33
Benzene
Concen: 28.53 ug/L
RT: 8.246 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

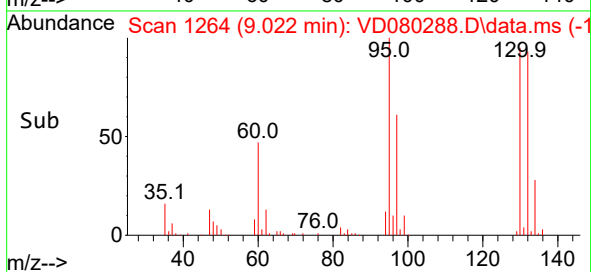
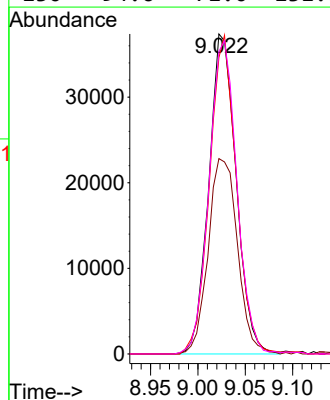
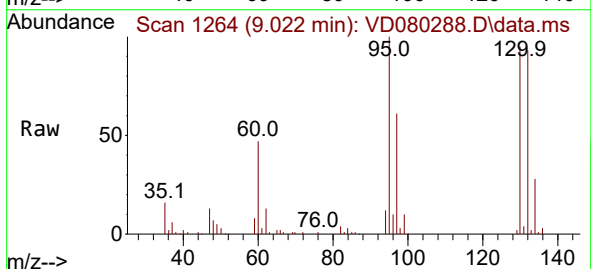
Tgt Ion: 78 Resp: 308138

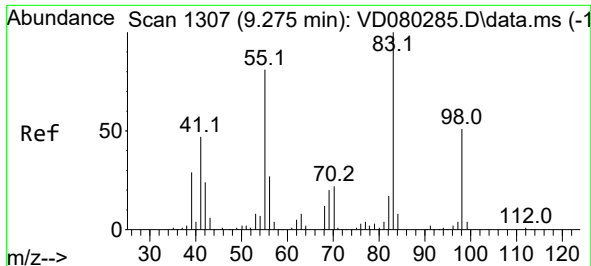


#34
Trichloroethene
Concen: 26.04 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 95 Resp: 75089

Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.1	83.7
132	92.6	69.5	129.1
130	94.6	71.0	131.8

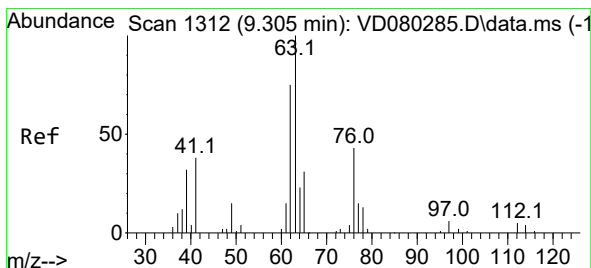
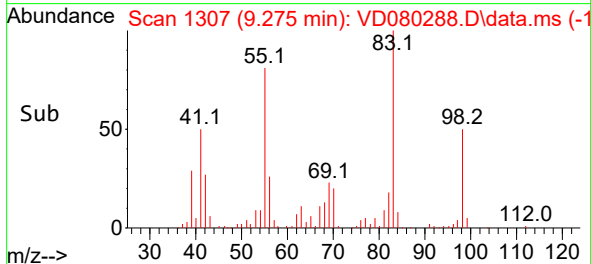
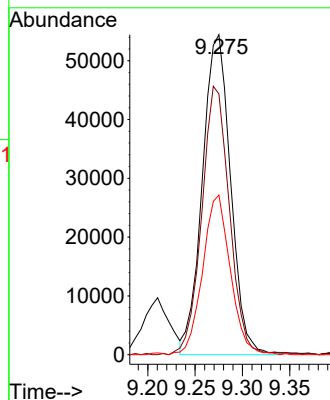
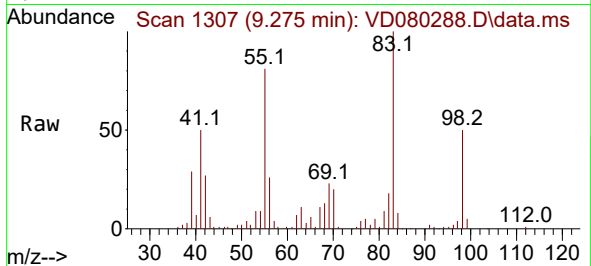




#35
Methylcyclohexane
Concen: 27.56 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

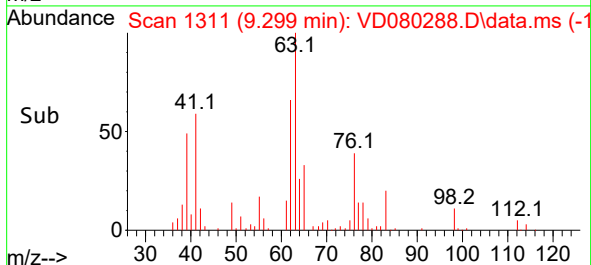
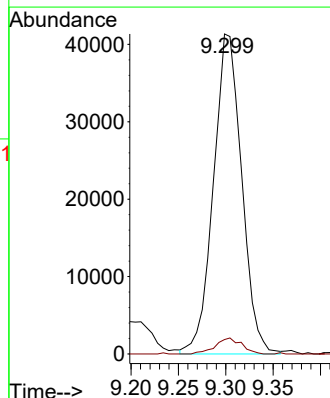
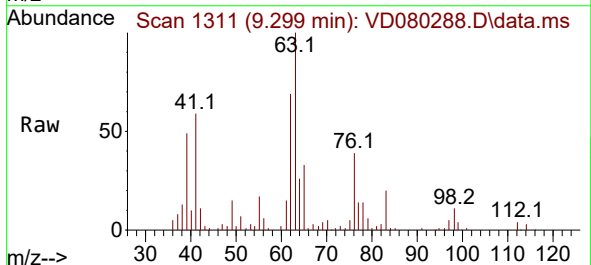
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

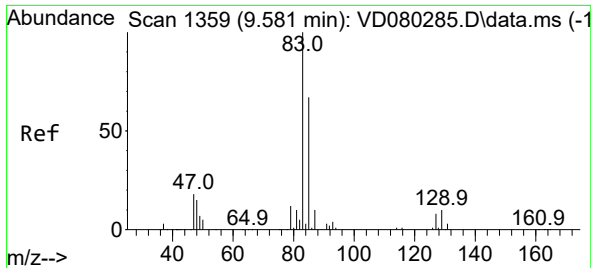
Tgt Ion: 83 Resp: 112612
Ion Ratio Lower Upper
83 100
55 82.0 65.0 97.6
98 48.9 39.0 58.6



#37
1,2-Dichloropropane
Concen: 27.46 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 63 Resp: 86058
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2

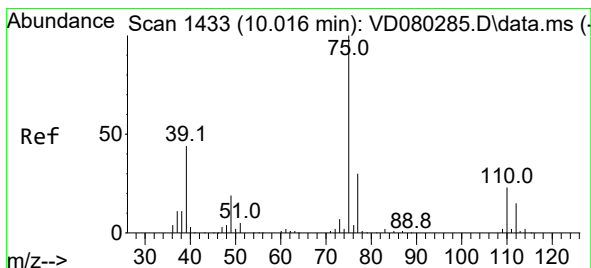
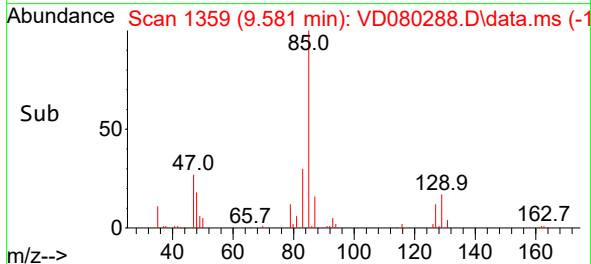
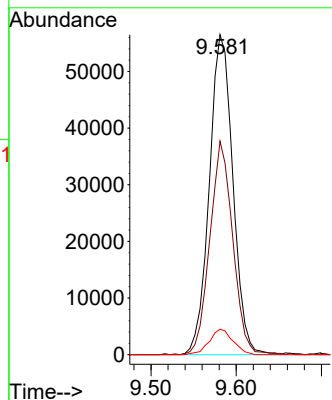
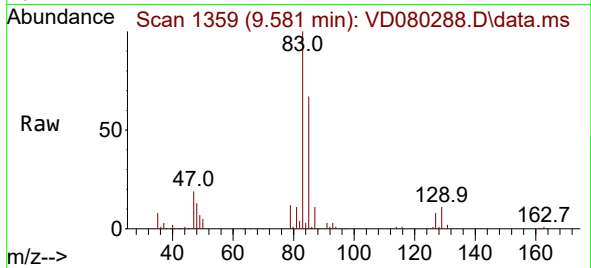




#38
Bromodichloromethane
Concen: 27.33 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

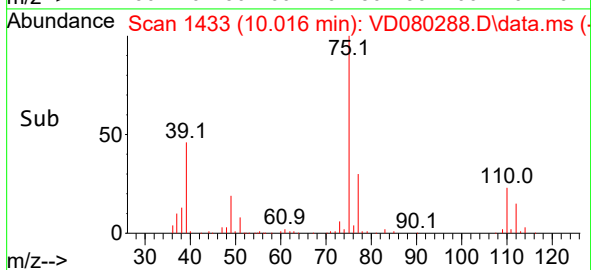
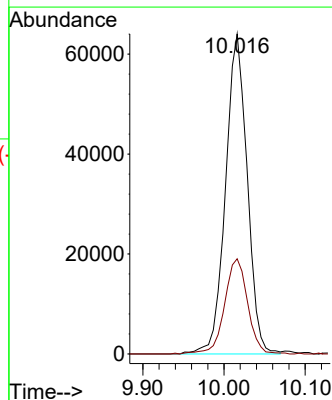
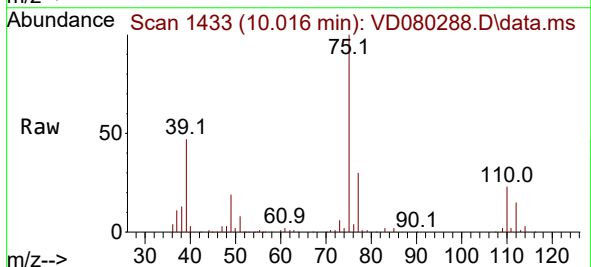
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

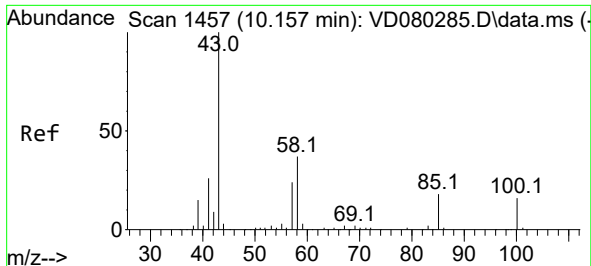
Tgt Ion: 83 Resp: 108720
Ion Ratio Lower Upper
83 100
85 66.7 41.4 77.0
127 7.9 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 26.15 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 75 Resp: 118769
Ion Ratio Lower Upper
75 100
77 29.8 23.7 43.9





#40

4-Methyl-2-pentanone

Concen: 56.97 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD02508

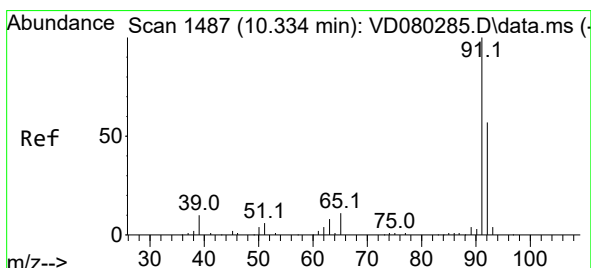
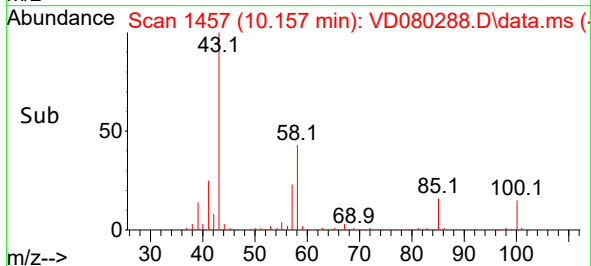
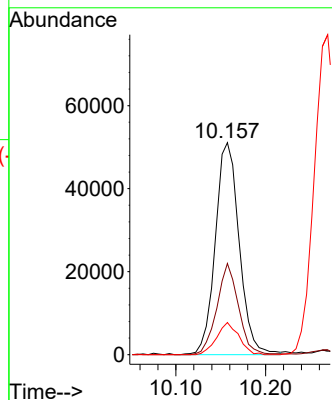
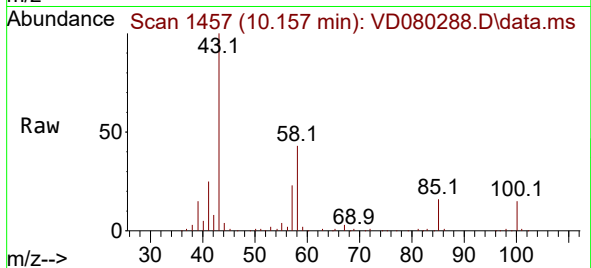
Tgt Ion: 43 Resp: 94466

Ion Ratio Lower Upper

43 100

58 39.1 29.9 44.9

100 14.1 11.3 16.9



#42

Toluene

Concen: 28.91 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD080288.D

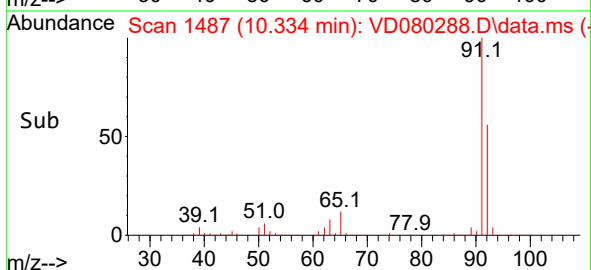
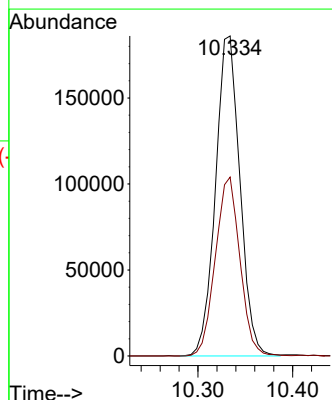
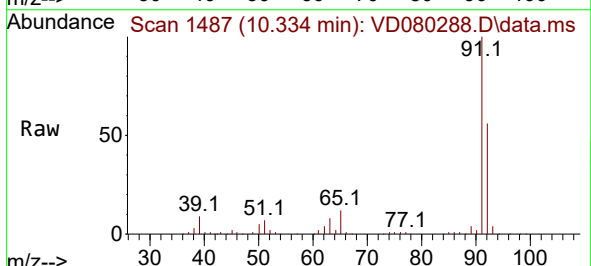
Acq: 19 Mar 2025 13:34

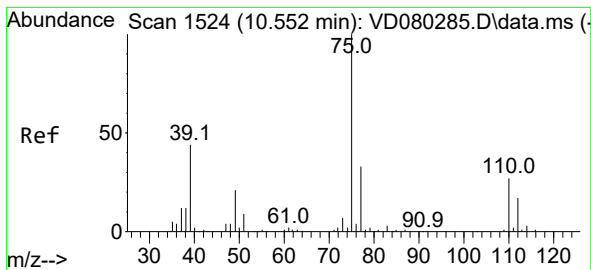
Tgt Ion: 91 Resp: 333530

Ion Ratio Lower Upper

91 100

92 55.9 38.9 72.3

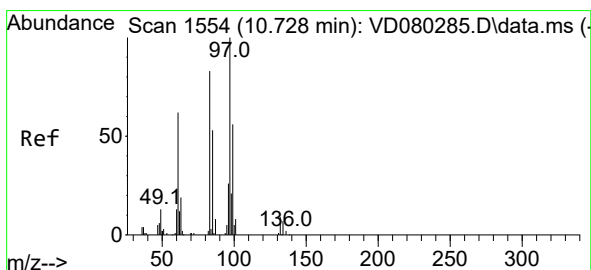
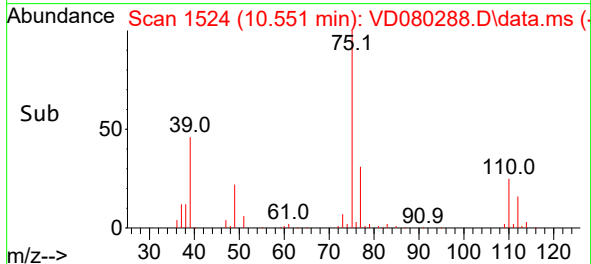
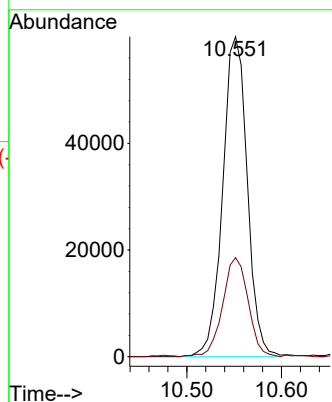
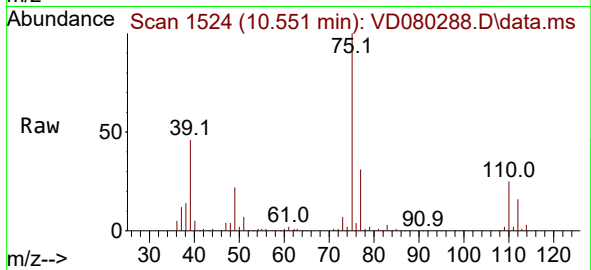




#44
trans-1,3-Dichloropropene
Concen: 28.50 ug/L
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

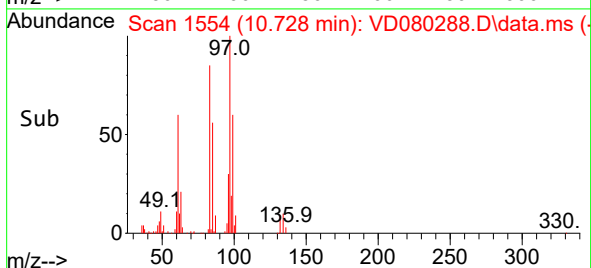
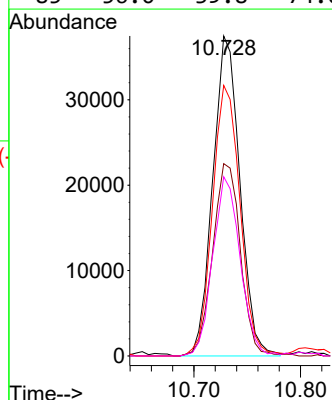
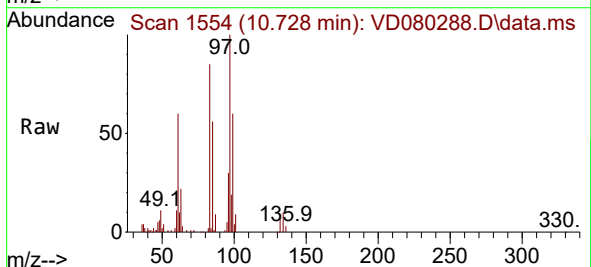
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

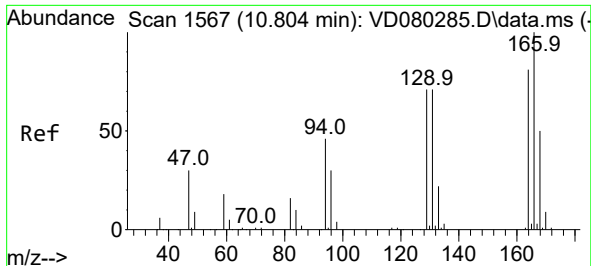
Tgt Ion: 75 Resp: 108097
Ion Ratio Lower Upper
75 100
77 31.0 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 28.16 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 97 Resp: 66089
Ion Ratio Lower Upper
97 100
99 60.1 43.0 79.8
83 84.6 62.2 115.4
85 56.0 39.8 74.0

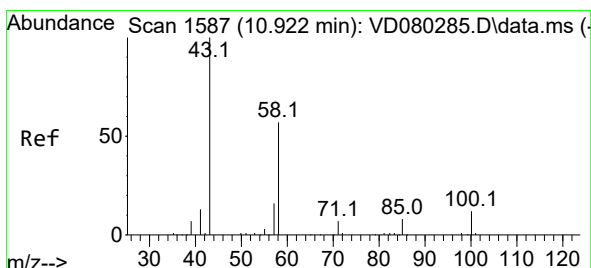
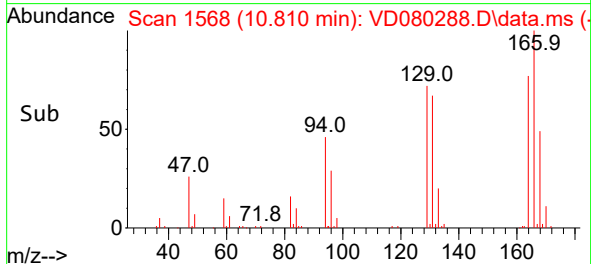
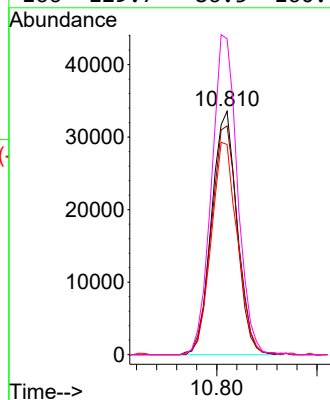
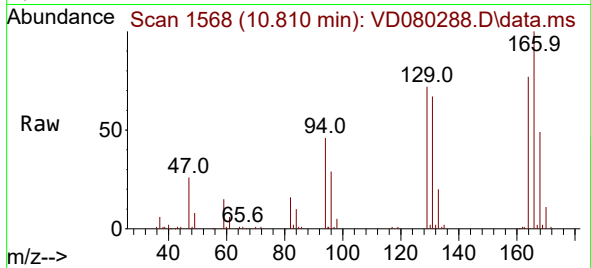




#46
Tetrachloroethene
Concen: 26.60 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

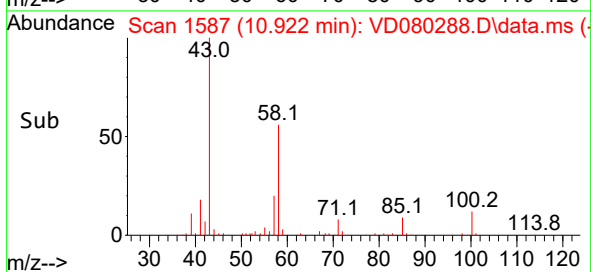
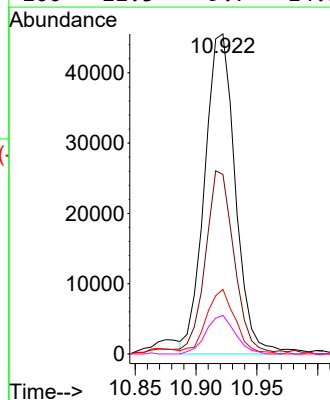
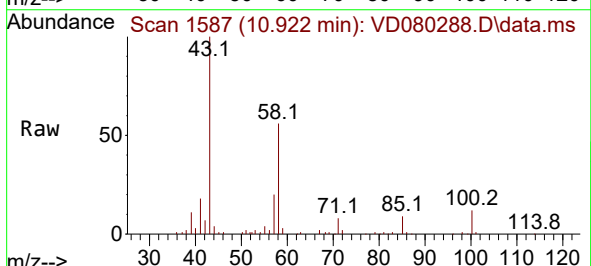
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

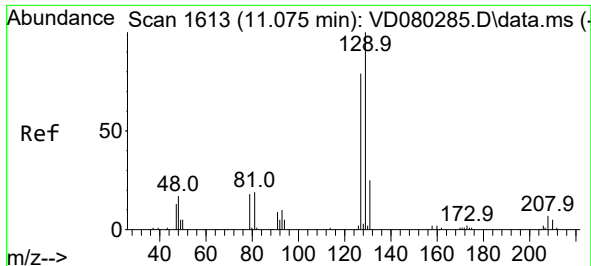
Tgt Ion:164 Resp: 59622
Ion Ratio Lower Upper
164 100
129 94.0 64.9 120.5
131 86.4 61.5 114.3
166 129.7 86.5 160.7



#48
2-Hexanone
Concen: 66.33 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 43 Resp: 79707
Ion Ratio Lower Upper
43 100
58 53.9 42.8 64.2
57 19.1 15.0 22.4
100 11.5 9.7 14.5





#49

Dibromochloromethane

Concen: 27.29 ug/L

RT: 11.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

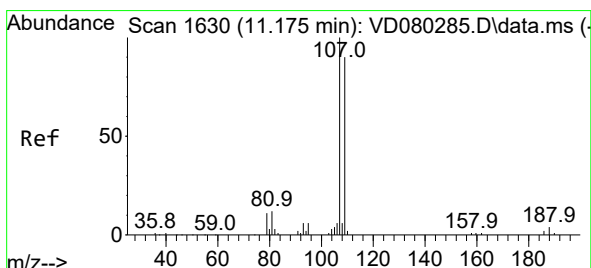
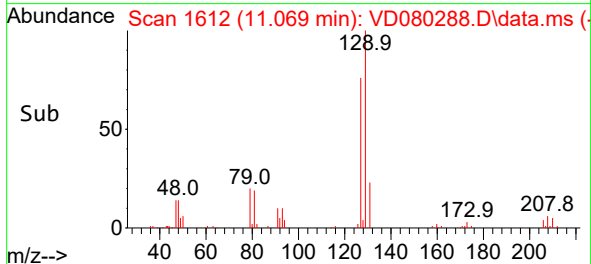
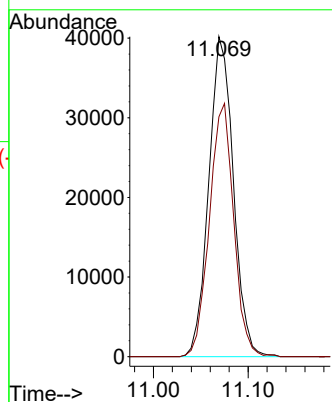
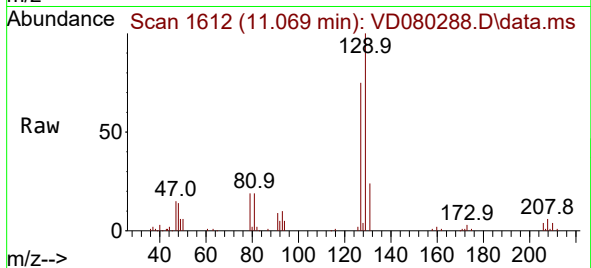
VSTD02508

Tgt Ion:129 Resp: 72396

Ion Ratio Lower Upper

129 100

127 74.9 54.9 101.9



#50

1,2-Dibromoethane

Concen: 28.94 ug/L

RT: 11.175 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

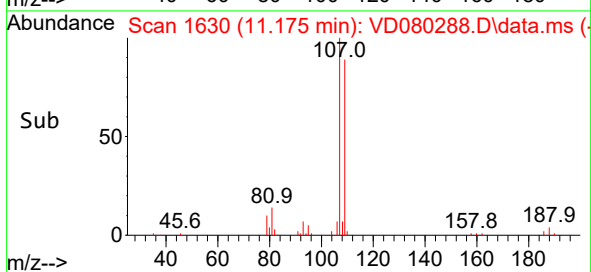
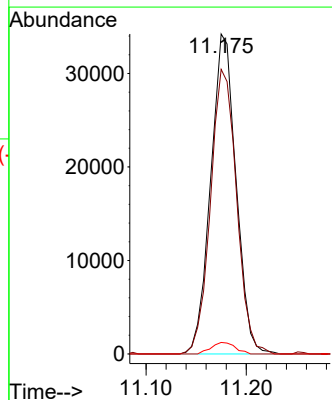
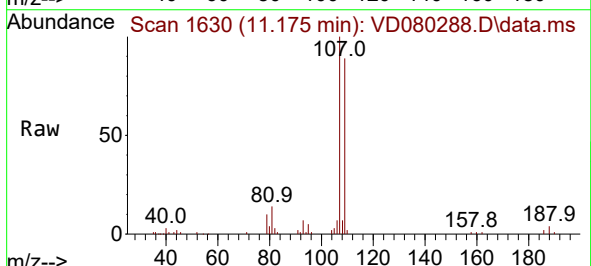
Tgt Ion:107 Resp: 60165

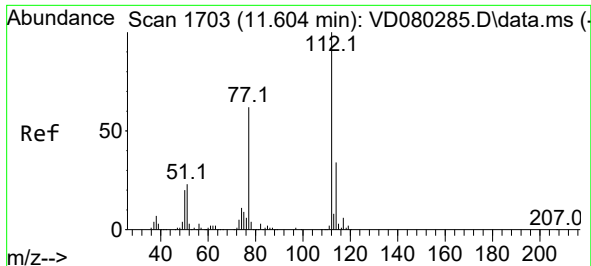
Ion Ratio Lower Upper

107 100

109 88.9 65.5 121.6

188 3.6 2.2 3.2#

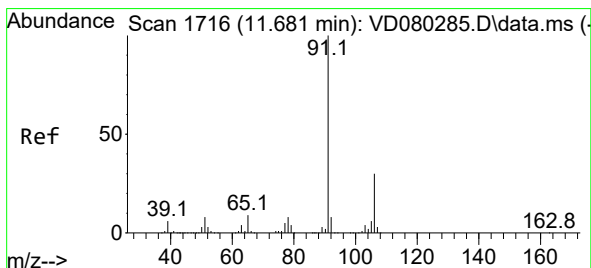
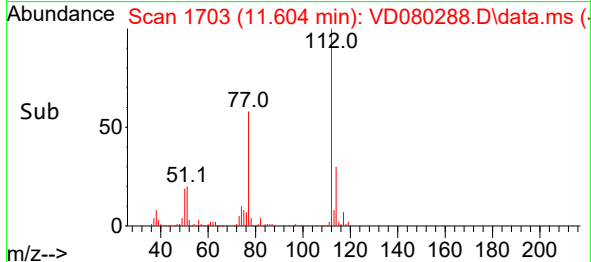
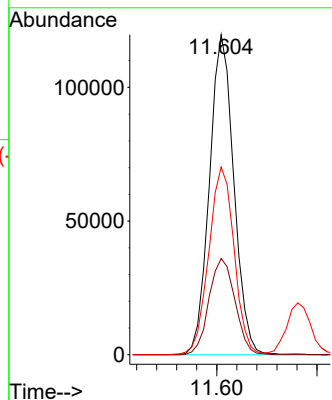
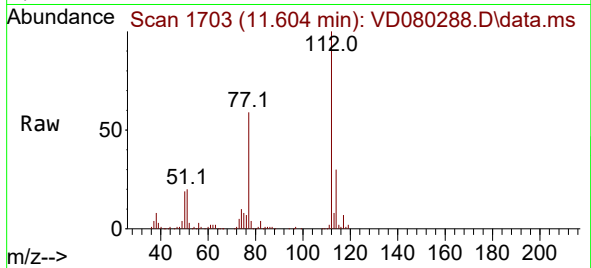




#51
Chlorobenzene
Concen: 26.41 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

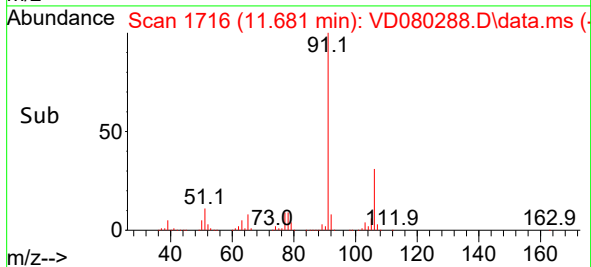
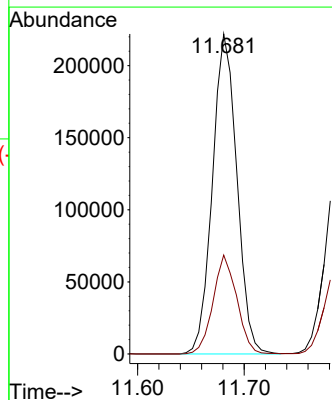
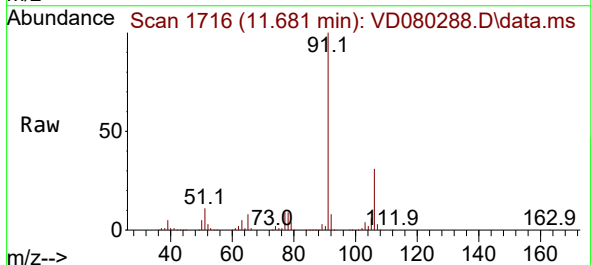
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

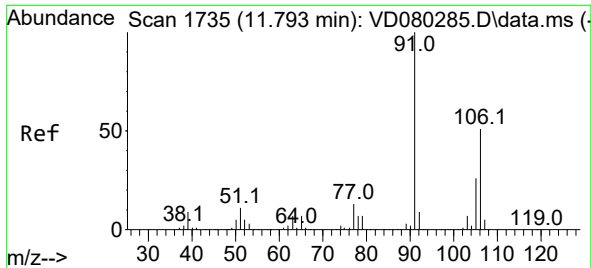
Tgt Ion:112 Resp: 201889
Ion Ratio Lower Upper
112 100
114 30.1 21.8 40.6
77 58.6 48.8 73.2



#52
Ethylbenzene
Concen: 28.11 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion: 91 Resp: 353271
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8

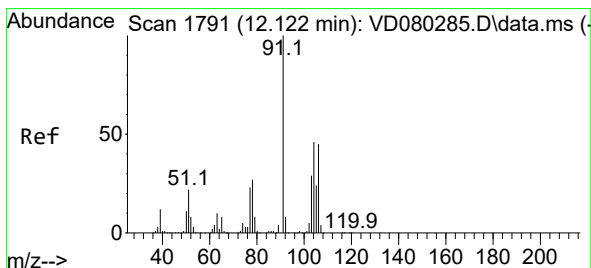
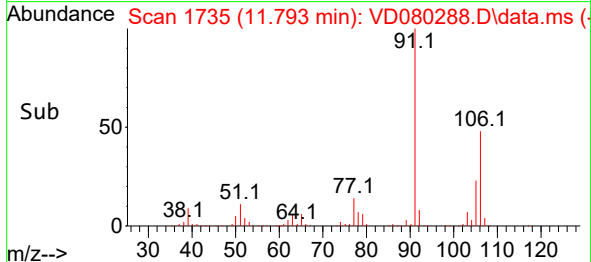
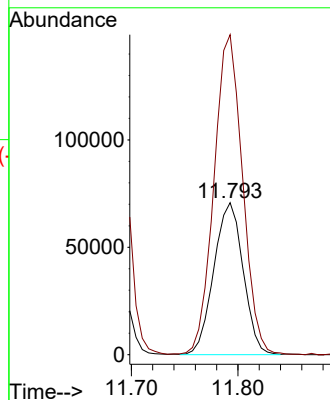
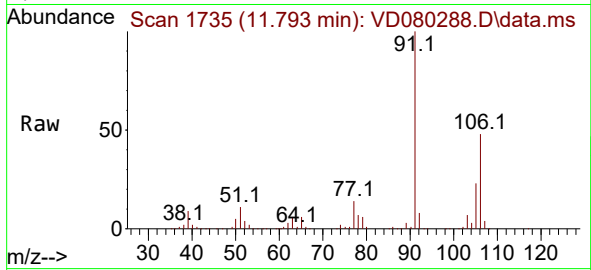




#53
m,p-Xylene
Concen: 29.12 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

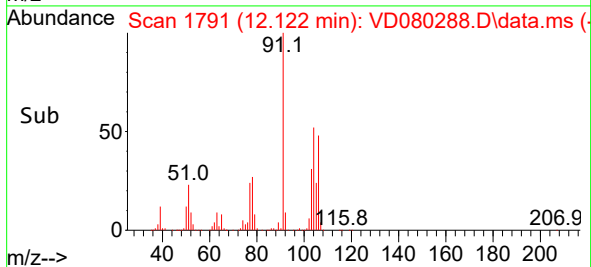
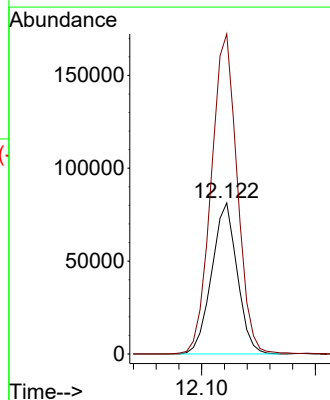
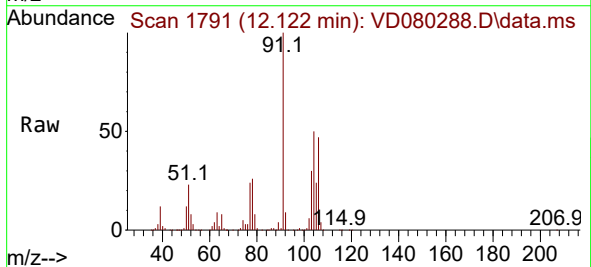
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

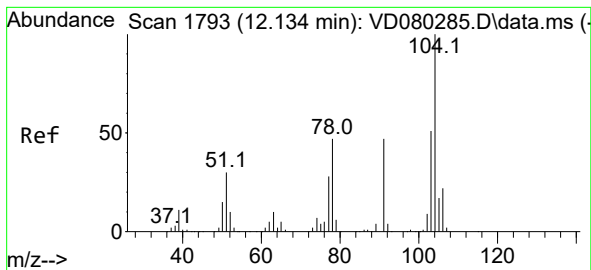
Tgt Ion:106 Resp: 135397
Ion Ratio Lower Upper
106 100
91 210.5 138.0 256.2



#54
o-Xylene
Concen: 28.74 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:106 Resp: 126831
Ion Ratio Lower Upper
106 100
91 211.9 156.5 290.7





#55

Styrene

Concen: 29.74 ug/L

RT: 12.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

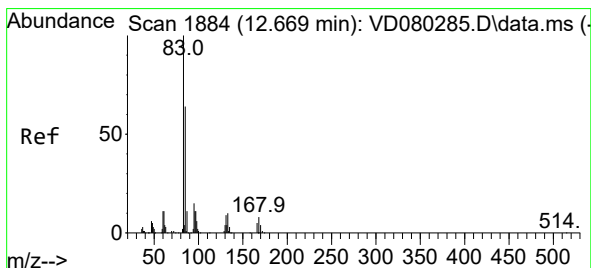
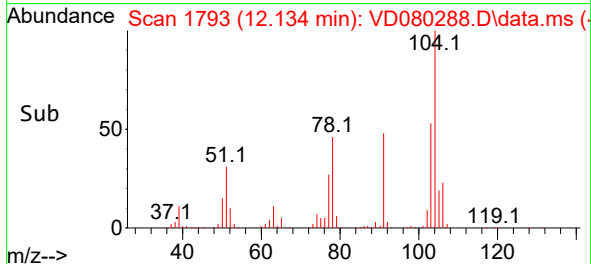
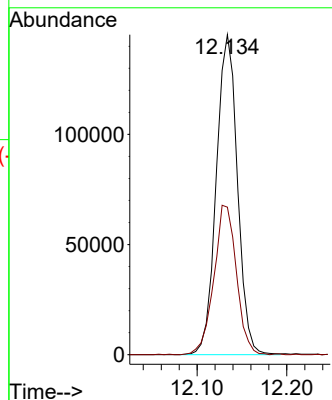
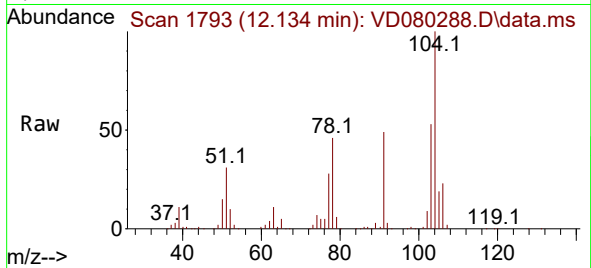
VSTD02508

Tgt Ion:104 Resp: 237894

Ion Ratio Lower Upper

104 100

78 46.1 32.7 60.7



#57

1,1,2,2-Tetrachloroethane

Concen: 28.29 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

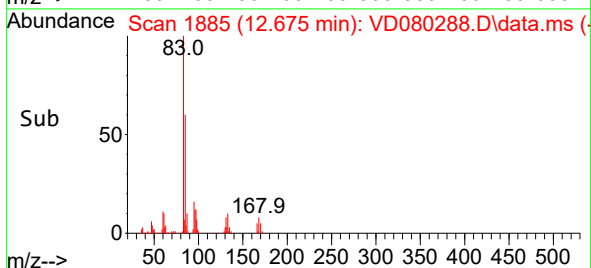
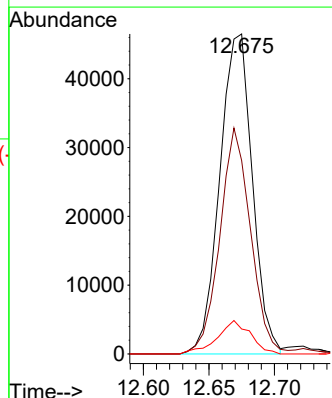
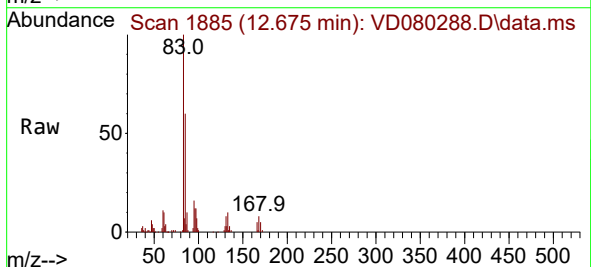
Tgt Ion: 83 Resp: 80388

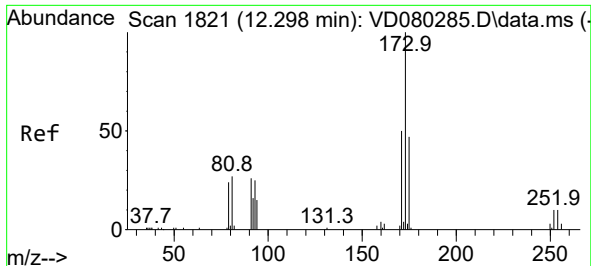
Ion Ratio Lower Upper

83 100

85 60.5 46.1 85.7

131 7.8 6.9 10.3

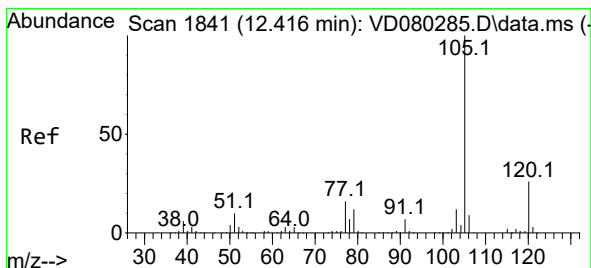
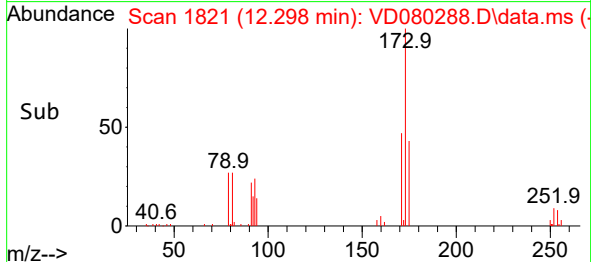
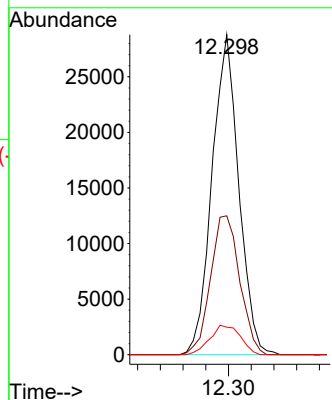
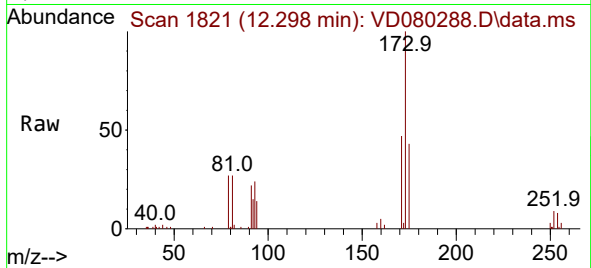




#59
Bromoform
Concen: 27.50 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

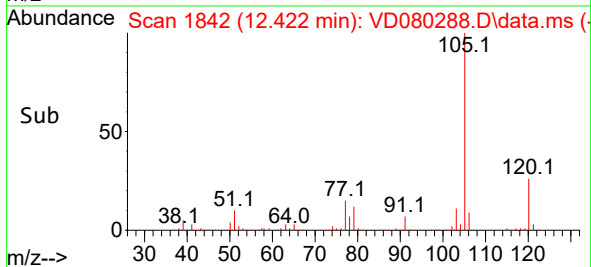
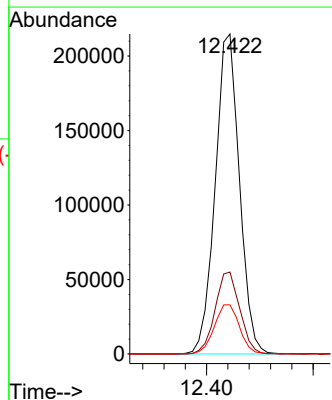
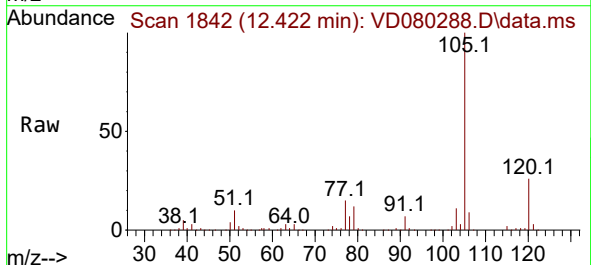
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

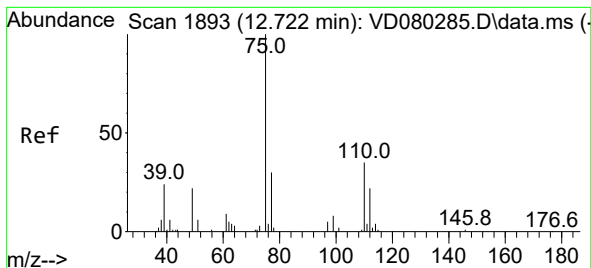
Tgt Ion:173 Resp: 47073
Ion Ratio Lower Upper
173 100
175 47.4 38.8 58.2
254 10.4 7.8 11.6



#60
Isopropylbenzene
Concen: 27.22 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:105 Resp: 338645
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.0 12.5 18.7





#61

1,2,3-Trichloropropane

Concen: 26.06 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD080288.D

Acq: 19 Mar 2025 13:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD02508

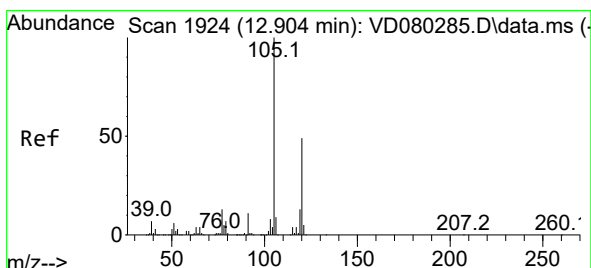
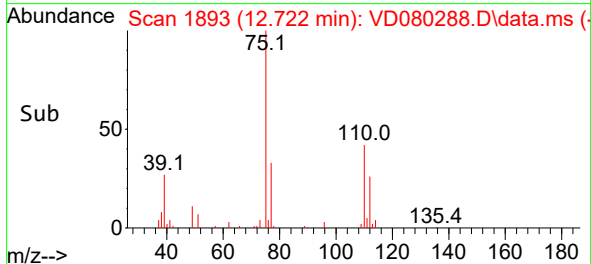
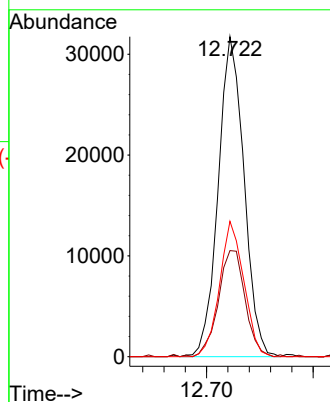
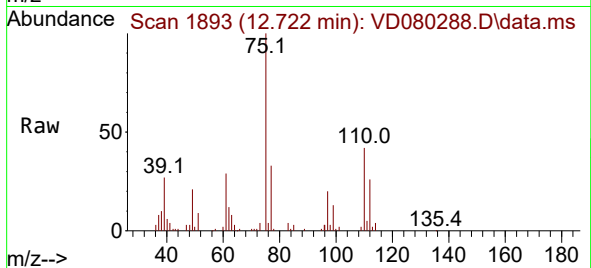
Tgt Ion: 75 Resp: 53345

Ion Ratio Lower Upper

75 100

77 34.4 25.5 38.3

110 39.8 30.7 46.1



#62

1,3,5-Trimethylbenzene

Concen: 27.25 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD080288.D

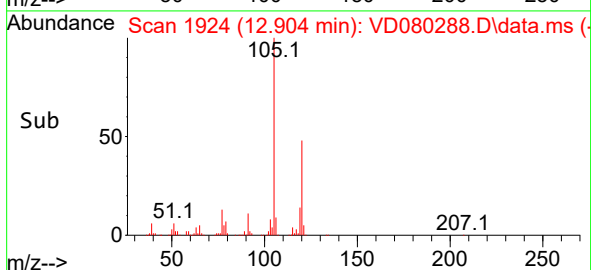
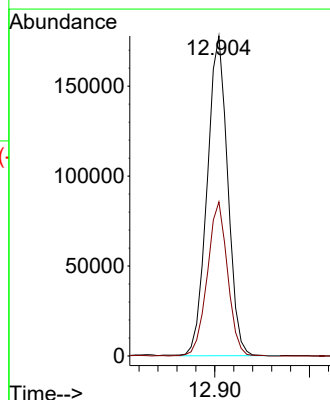
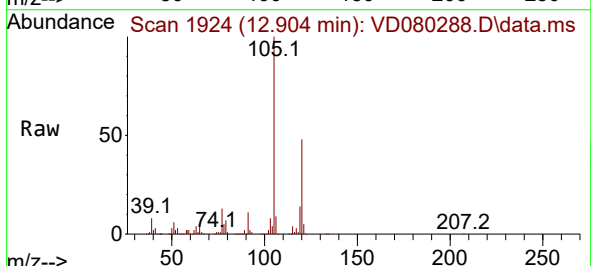
Acq: 19 Mar 2025 13:34

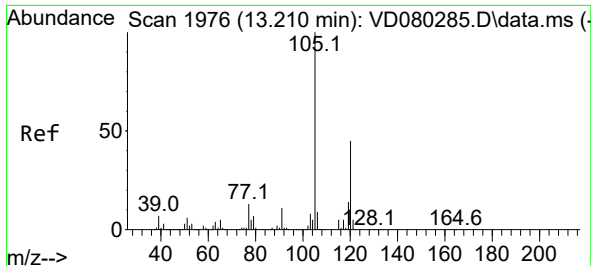
Tgt Ion: 105 Resp: 267144

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0

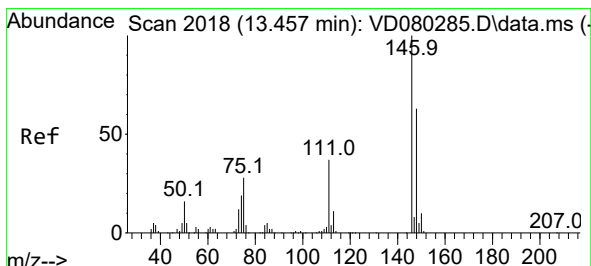
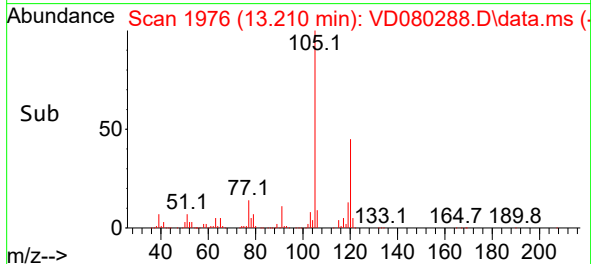
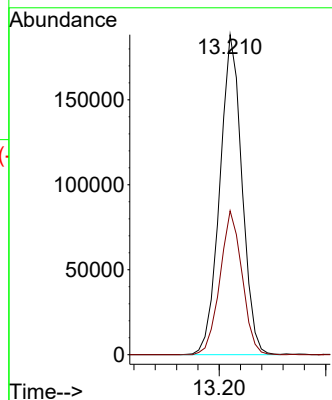
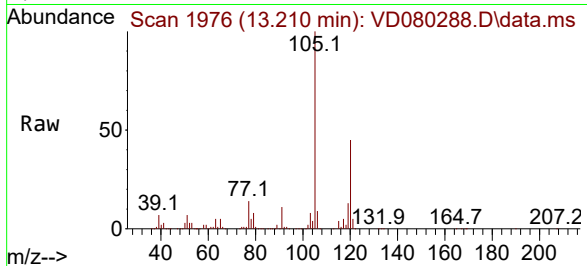




#63
1,2,4-Trimethylbenzene
Concen: 27.27 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

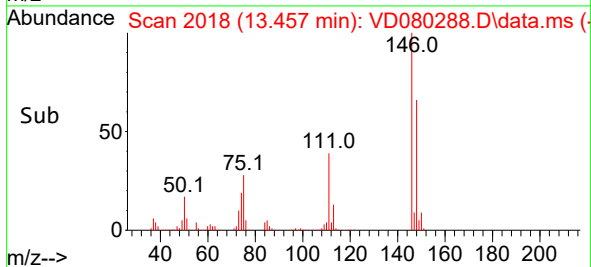
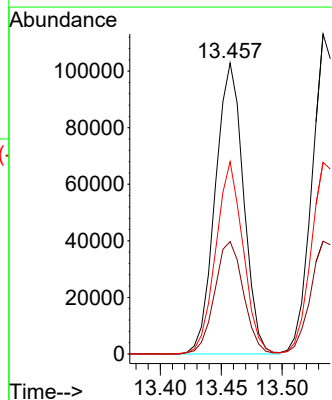
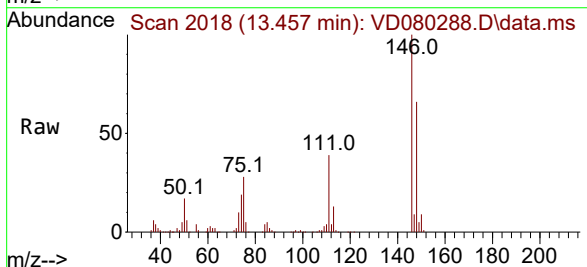
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

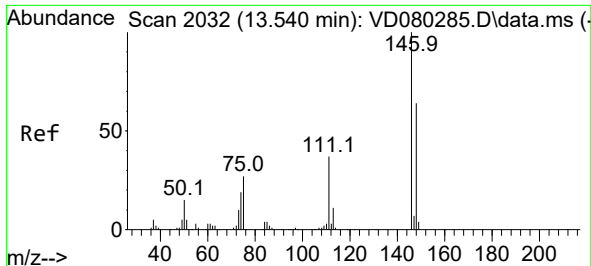
Tgt Ion:105 Resp: 271635
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 26.67 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:146 Resp: 165829
Ion Ratio Lower Upper
146 100
111 38.6 26.9 49.9
148 66.1 44.5 82.7

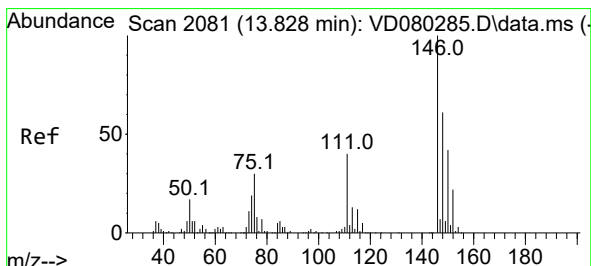
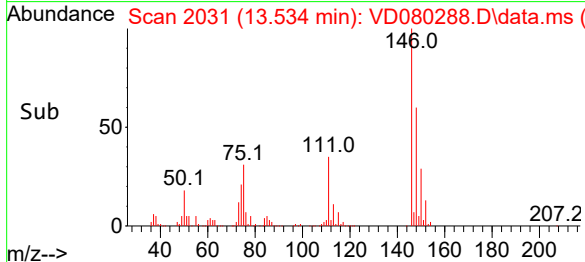
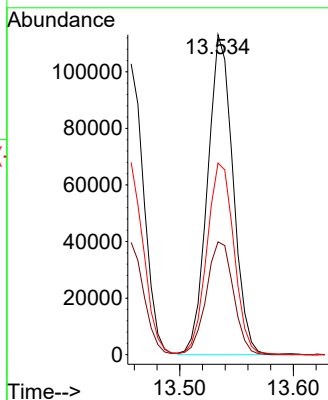
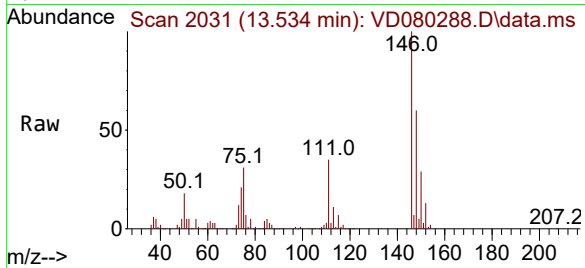




#65
1,4-Dichlorobenzene
Concen: 26.37 ug/L
RT: 13.534 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

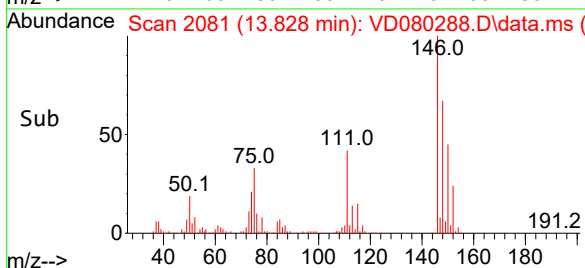
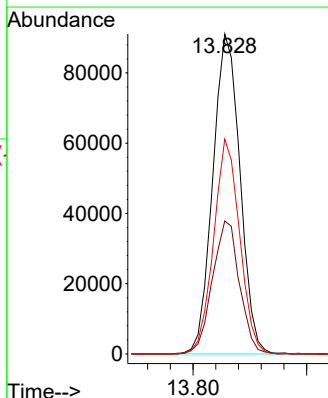
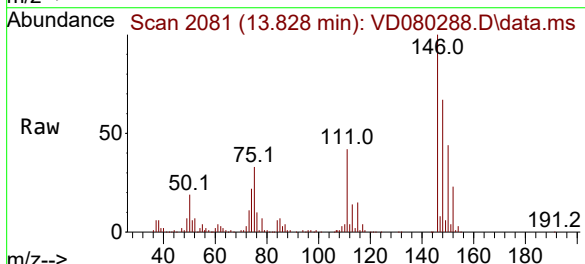
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

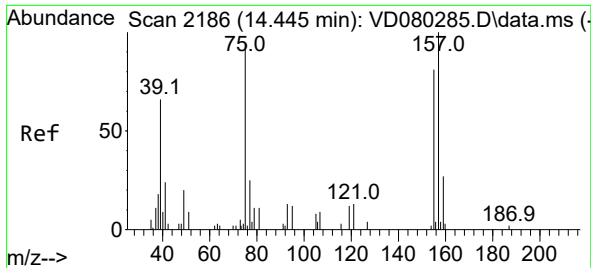
Tgt Ion:146 Resp: 176510
Ion Ratio Lower Upper
146 100
111 35.2 27.9 51.7
148 59.9 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 26.36 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:146 Resp: 151462
Ion Ratio Lower Upper
146 100
111 41.6 34.2 51.2
148 67.2 49.8 74.8

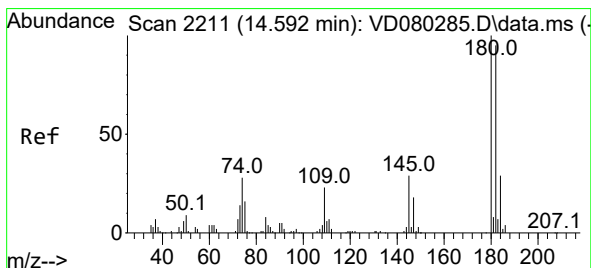
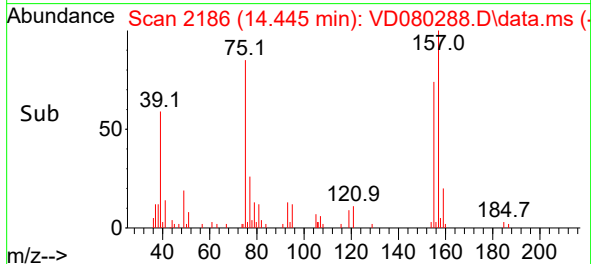
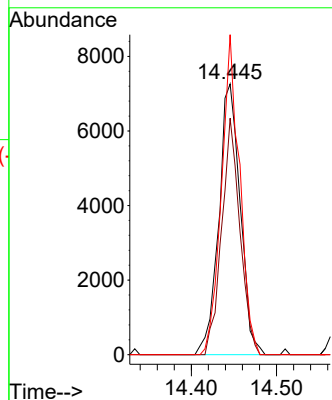
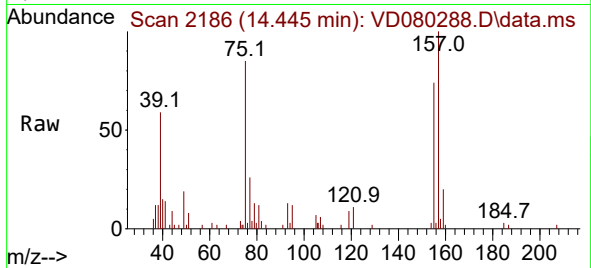




#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.07 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

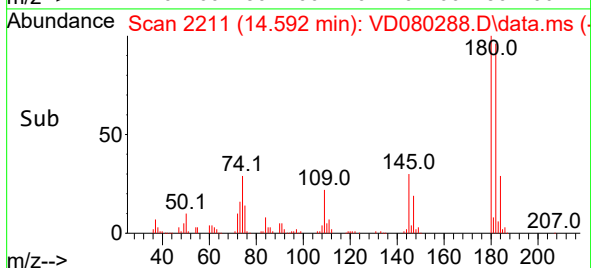
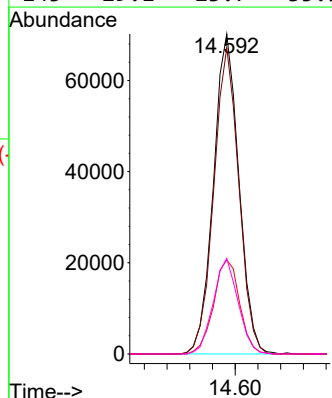
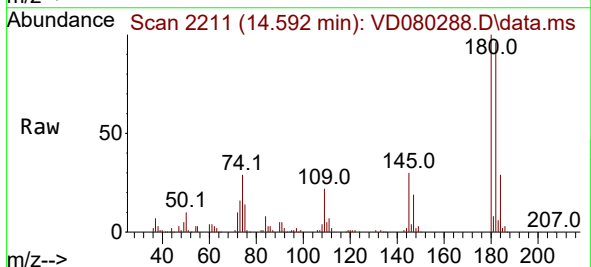
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD02508

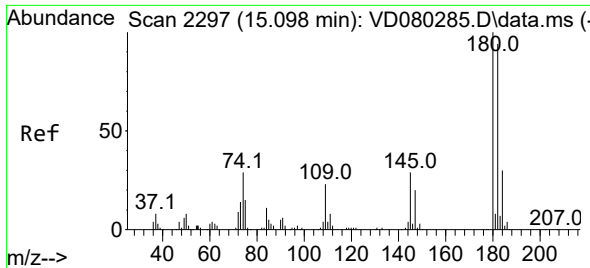
Tgt Ion: 75 Resp: 12631
 Ion Ratio Lower Upper
 75 100
 155 87.3 71.5 107.3
 157 118.2 73.5 110.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 26.65 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

Tgt Ion:180 Resp: 108963
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.0 115.4
 184 30.1 24.0 36.0
 145 29.1 23.7 35.5

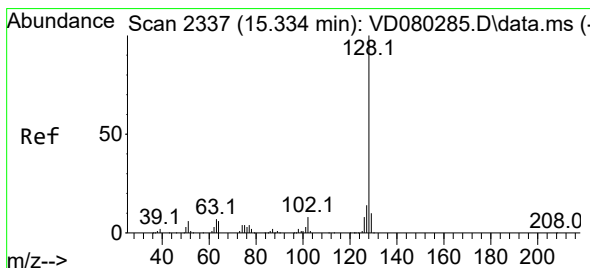
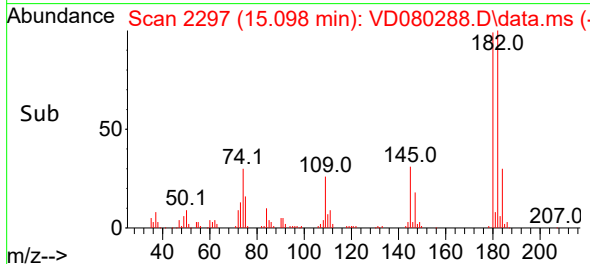
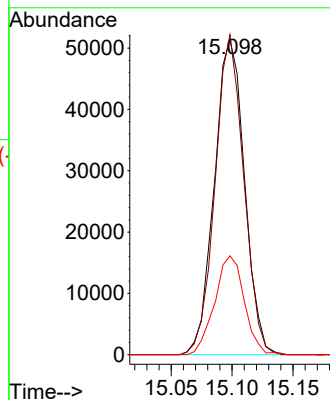
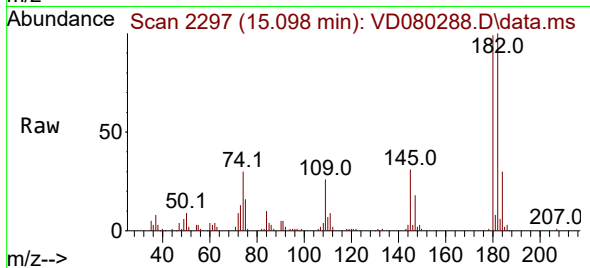




#70
1,2,4-trichlorobenzene
Concen: 25.99 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

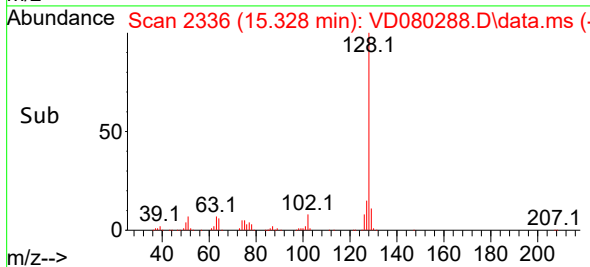
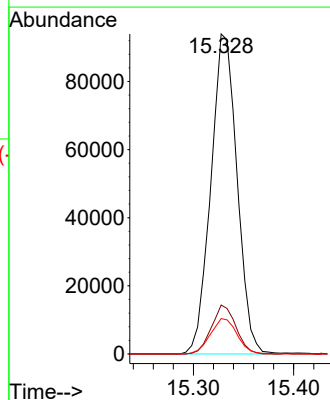
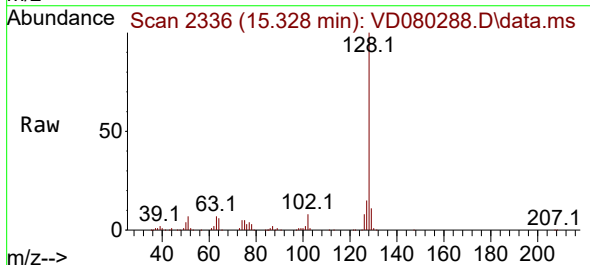
Instrument :
MSVOA_D
ClientSampleId :
VSTD02508

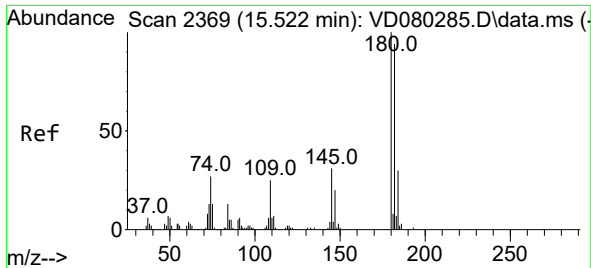
Tgt Ion:180 Resp: 88529
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.0
145 30.6 23.1 34.7



#71
Naphthalene
Concen: 26.70 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD080288.D
Acq: 19 Mar 2025 13:34

Tgt Ion:128 Resp: 170861
Ion Ratio Lower Upper
128 100
127 14.3 11.4 17.2
129 11.2 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 28.48 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080288.D
 Acq: 19 Mar 2025 13:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD02508

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	73.8	110.6
145	30.9	24.8	37.2

