

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086782.D
 Acq On : 27 May 2025 14:08
 Operator : JC\MD
 Sample : Q2126-07 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: May 29 02:03:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	237294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	372159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147049	44.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.700%
35) Dibromofluoromethane	8.165	113	122198	48.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.565	98	508641	49.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.847	95	168739	46.073	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.140%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.130	85	346	0.135	ug/l #	43
3) Chloromethane	2.359	50	1524	0.393	ug/l	90
4) Vinyl Chloride	2.506	62	521	0.150	ug/l #	41
5) Bromomethane	2.959	94	759	0.378	ug/l	95
6) Chloroethane	3.124	64	260	0.114	ug/l #	40
7) Trichlorofluoromethane	3.501	101	543	0.131	ug/l #	79
8) Diethyl Ether	3.942	74	81	0.047	ug/l #	4
9) 1,1,2-Trichlorotrifluo...	4.377	101	160	0.064	ug/l #	20
10) Methyl Iodide	4.583	142	1324	0.427	ug/l #	43
11) Tert butyl alcohol	5.518	59	60	0.100	ug/l #	73
12) 1,1-Dichloroethene	4.342	96	331	0.125	ug/l #	54
13) Acrolein	4.183	56	375	0.587	ug/l #	81
14) Allyl chloride	5.024	41	429	0.107	ug/l #	42
15) Acrylonitrile	5.724	53	1032	0.698	ug/l #	79
16) Acetone	4.436	43	1415	1.154	ug/l	90
17) Carbon Disulfide	4.700	76	2261	0.309	ug/l #	75
18) Methyl Acetate	5.024	43	5005	1.458	ug/l	92
19) Methyl tert-butyl Ether	5.777	73	894	0.099	ug/l #	54
20) Methylene Chloride	5.271	84	784	0.242	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	420	0.150	ug/l #	36
22) Diisopropyl ether	6.677	45	1392	0.154	ug/l #	73
23) Vinyl Acetate	6.606	43	4327	0.637	ug/l #	93
24) 1,1-Dichloroethane	6.577	63	647	0.122	ug/l #	82
25) 2-Butanone	7.483	43	1201	0.634	ug/l #	46
26) 2,2-Dichloropropane	7.500	77	522	0.119	ug/l #	52
27) cis-1,2-Dichloroethene	7.483	96	302	0.088	ug/l #	1
28) Bromochloromethane	7.818	49	230	0.095	ug/l #	42
29) Tetrahydrofuran	7.853	42	927	0.749	ug/l #	59
30) Chloroform	7.965	83	732	0.138	ug/l	90
31) Cyclohexane	8.224	56	4820	0.979	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	620	0.138	ug/l #	22
36) 1,1-Dichloropropene	8.371	75	616	0.167	ug/l #	41
37) Ethyl Acetate	7.559	43	621	0.167	ug/l #	67
38) Carbon Tetrachloride	8.224	117	23133	6.359	ug/l #	17
39) Methylcyclohexane	9.594	83	737	0.184	ug/l	89
40) Benzene	8.606	78	2116	0.176	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	113	0.056	ug/l #	21
42) 1,2-Dichloroethane	8.665	62	1003	0.267	ug/l #	74
43) Isopropyl Acetate	8.688	43	5100	0.682	ug/l #	57
44) Trichloroethene	9.353	130	506	0.174	ug/l	99
45) 1,2-Dichloropropane	9.624	63	380	0.133	ug/l #	42
46) Dibromomethane	9.706	93	71	0.037	ug/l #	1
47) Bromodichloromethane	9.882	83	562	0.141	ug/l #	95
48) Methyl methacrylate	9.682	41	313	0.108	ug/l #	68
49) 1,4-Dioxane	9.688	88	120	1.956	ug/l #	29
51) 4-Methyl-2-Pentanone	10.441	43	2827	0.750	ug/l	98
52) Toluene	10.624	92	1386	0.185	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	784	0.186	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	795	0.173	ug/l #	71
55) 1,1,2-Trichloroethane	11.018	97	270	0.097	ug/l #	64
56) Ethyl methacrylate	10.871	69	711	0.159	ug/l #	83
57) 1,3-Dichloropropane	11.171	76	749	0.156	ug/l #	56
58) 2-Chloroethyl Vinyl ether	10.159	63	1140	0.569	ug/l #	69
59) 2-Hexanone	11.188	43	2245	0.815	ug/l	94
60) Dibromochloromethane	11.353	129	367	0.125	ug/l #	54
61) 1,2-Dibromoethane	11.471	107	387	0.138	ug/l	98
64) Tetrachloroethene	11.100	164	559	0.196	ug/l #	74
65) Chlorobenzene	11.888	112	1681	0.206	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.959	131	423	0.161	ug/l #	37
67) Ethyl Benzene	11.959	91	2485	0.178	ug/l	96
68) m/p-Xylenes	12.065	106	2057	0.389	ug/l	85
69) o-Xylene	12.406	106	824	0.157	ug/l	76
70) Styrene	12.412	104	1561	0.181	ug/l #	85
71) Bromoform	12.582	173	286	0.153	ug/l #	30
73) Isopropylbenzene	12.694	105	1976	0.170	ug/l	86
74) N-amyl acetate	12.488	43	935	0.192	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.941	83	356	0.100	ug/l #	91
76) 1,2,3-Trichloropropane	12.847	75	79096	23.218	ug/l #	1
77) Bromobenzene	12.982	156	558	0.191	ug/l	80
78) n-propylbenzene	13.035	91	2416	0.181	ug/l	85
79) 2-Chlorotoluene	13.123	91	1588	0.183	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1676	0.180	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.847	75	79096	58.594	ug/l #	15
82) 4-Chlorotoluene	13.218	91	1906	0.222	ug/l	91
83) tert-Butylbenzene	13.441	119	1398	0.172	ug/l	90
84) 1,2,4-Trimethylbenzene	13.476	105	1533	0.165	ug/l	99
85) sec-Butylbenzene	13.612	105	1933	0.177	ug/l	86
86) p-Isopropyltoluene	13.729	119	1470	0.165	ug/l	88
87) 1,3-Dichlorobenzene	13.729	146	1039	0.205	ug/l	86
88) 1,4-Dichlorobenzene	13.729	146	1039	0.207	ug/l	87
89) n-Butylbenzene	14.059	91	1433	0.193	ug/l	99
90) Hexachloroethane	14.329	117	239	0.161	ug/l #	18
91) 1,2-Dichlorobenzene	14.106	146	1185	0.246	ug/l	80
93) 1,2,4-Trichlorobenzene	15.400	180	560	0.275	ug/l #	79
94) Hexachlorobutadiene	15.500	225	386	0.457	ug/l #	50
95) Naphthalene	15.635	128	3758	0.532	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	563	0.283	ug/l #	76

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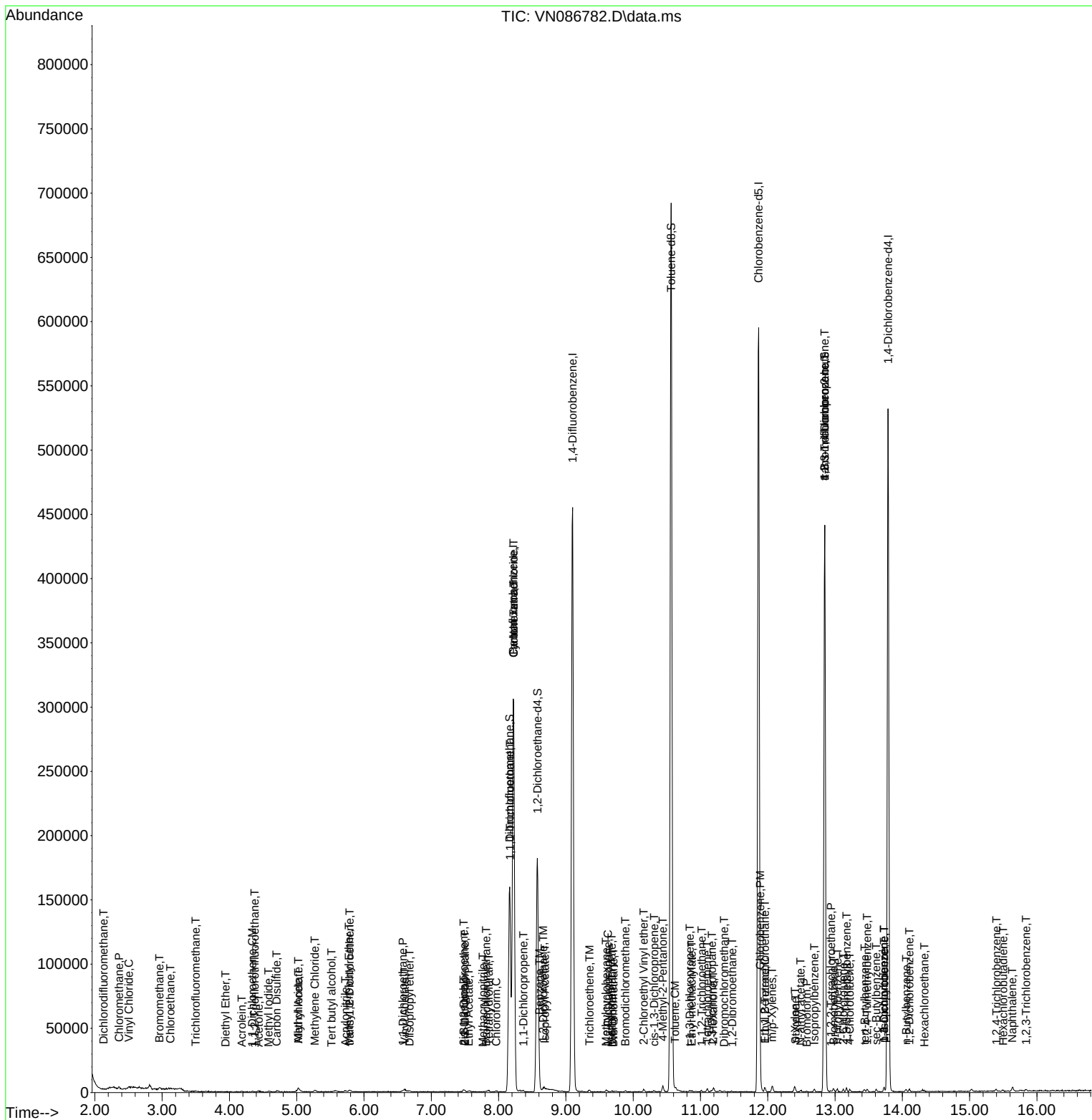
Instrument :
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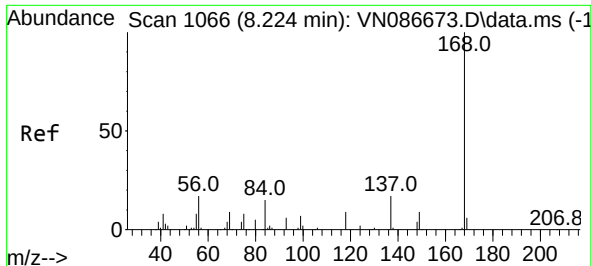
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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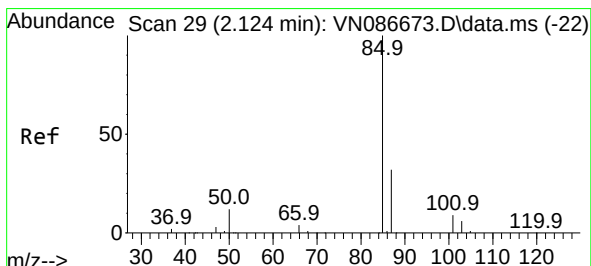
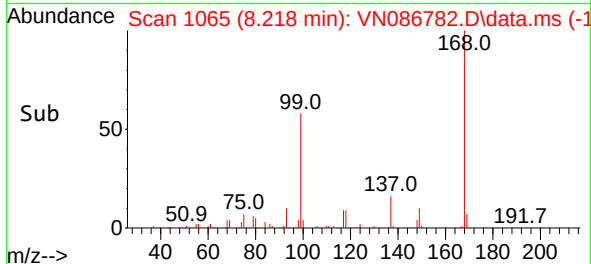
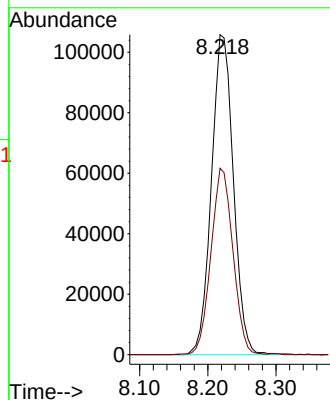
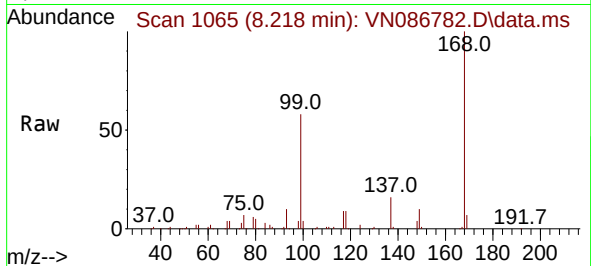




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

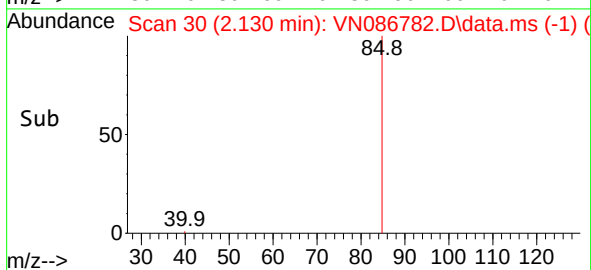
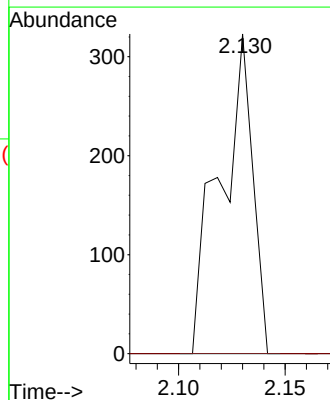
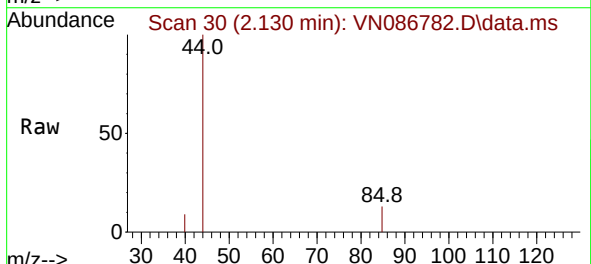
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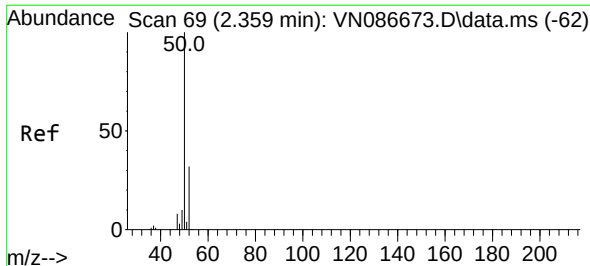
Tgt Ion:168 Resp: 237294
Ion Ratio Lower Upper
168 100
99 58.0 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 0.135 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 85 Resp: 346
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.6#

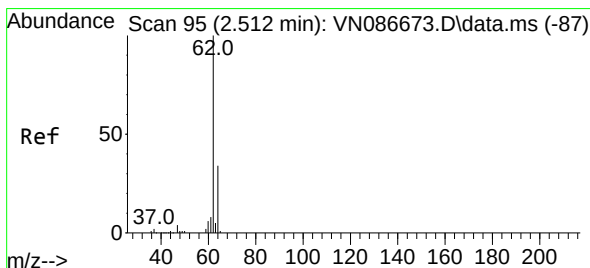
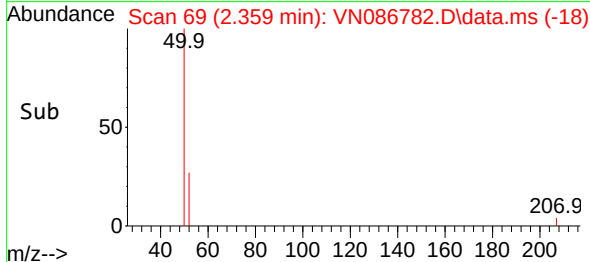
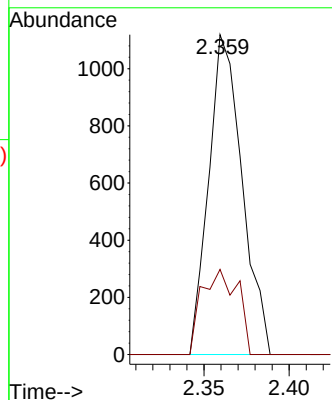
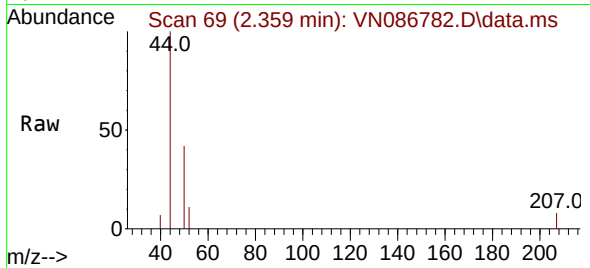




#3
Chloromethane
Concen: 0.393 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

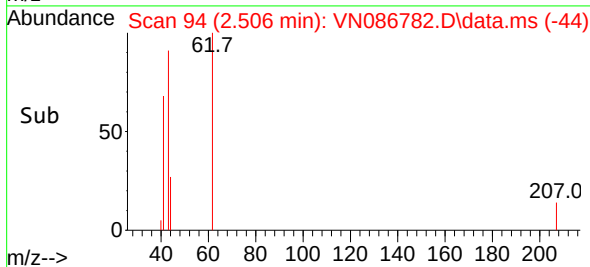
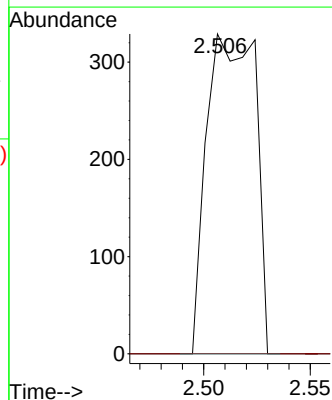
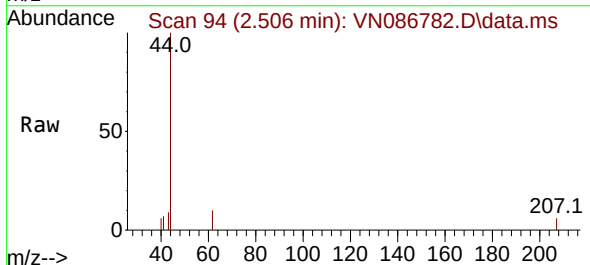
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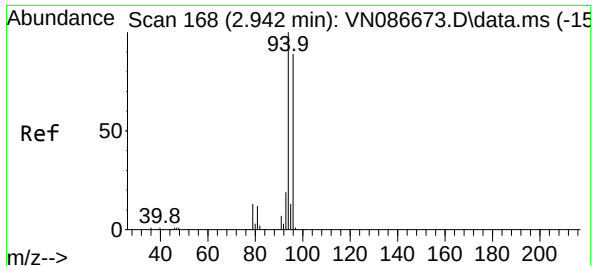
Tgt Ion: 50 Resp: 1524
Ion Ratio Lower Upper
50 100
52 26.6 25.9 38.9



#4
Vinyl Chloride
Concen: 0.150 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 62 Resp: 521
Ion Ratio Lower Upper
62 100
64 0.0 26.9 40.3#

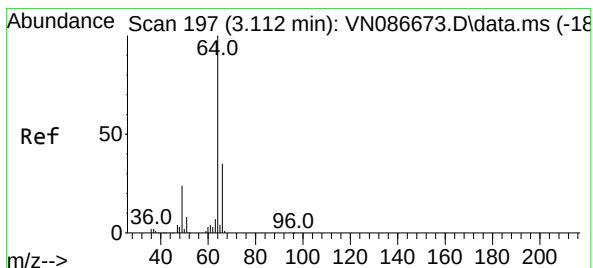
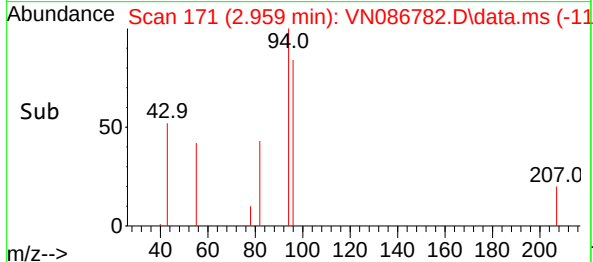
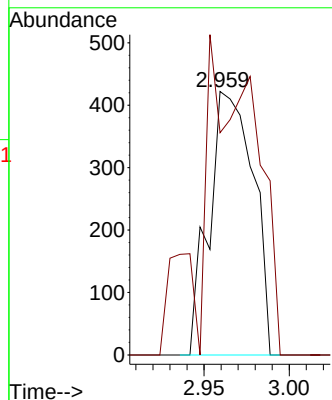
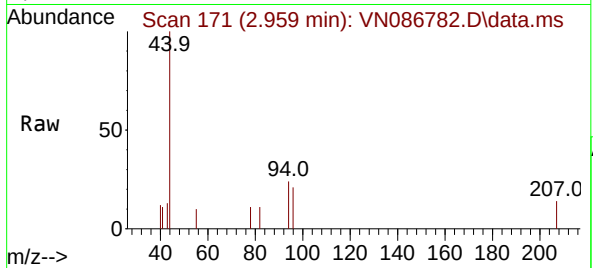




#5
Bromomethane
Concen: 0.378 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

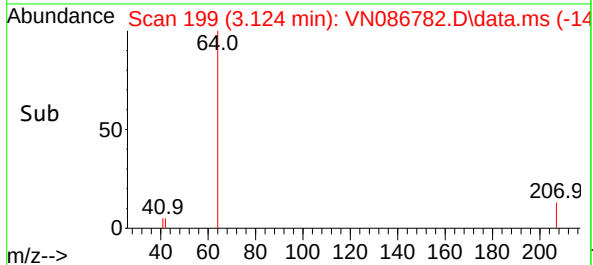
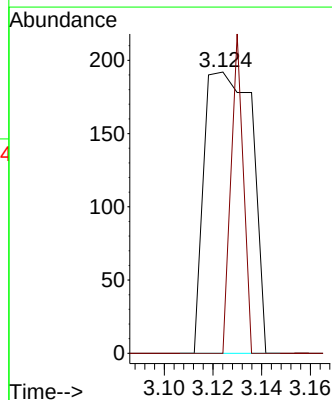
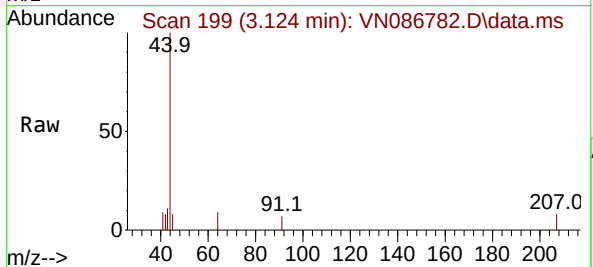
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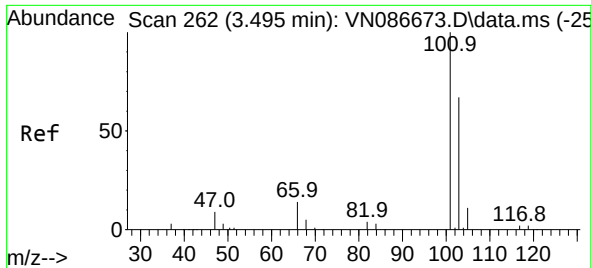
Tgt Ion: 94 Resp: 759
Ion Ratio Lower Upper
94 100
96 84.4 71.2 106.8



#6
Chloroethane
Concen: 0.114 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 0.0 27.7 41.5#

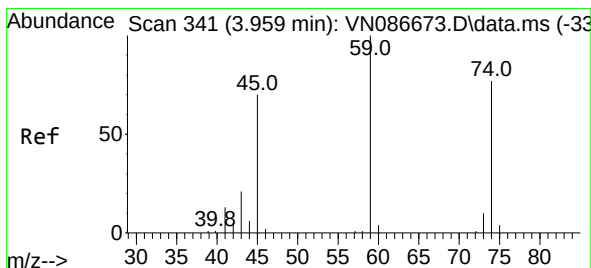
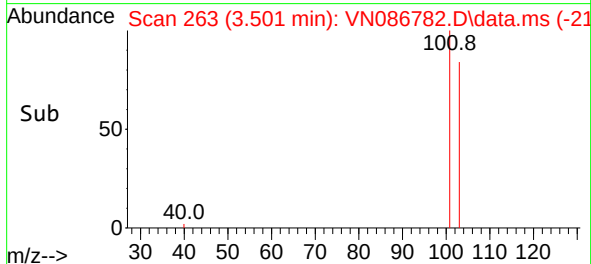
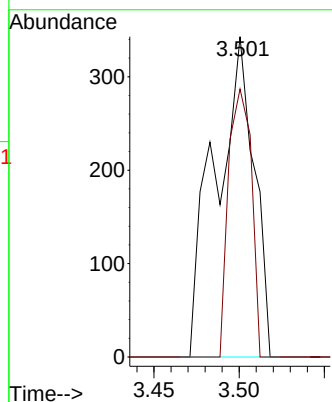
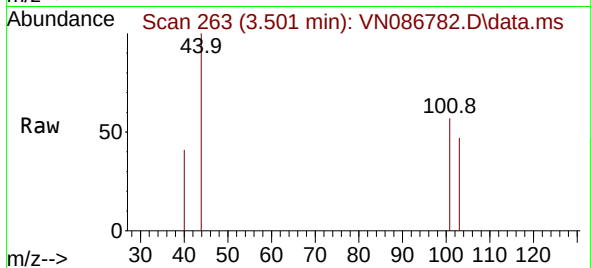




#7
Trichlorofluoromethane
Concen: 0.131 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

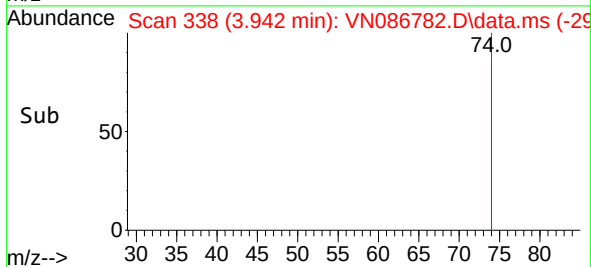
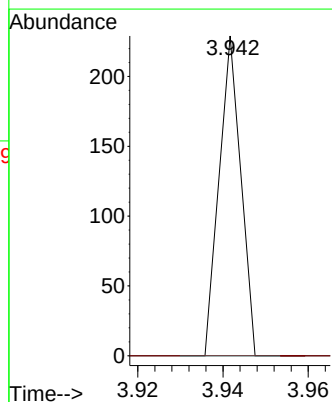
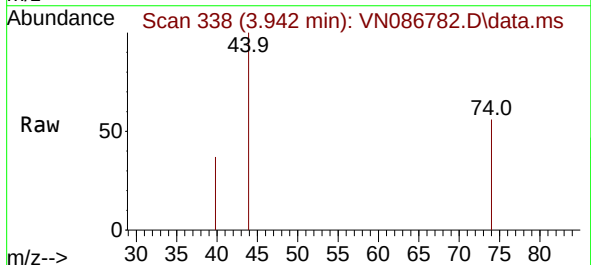
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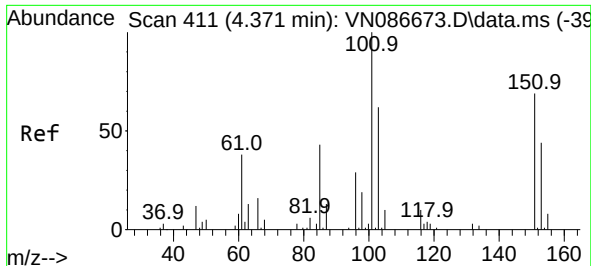
Tgt Ion:101 Resp: 543
Ion Ratio Lower Upper
101 100
103 83.7 53.4 80.0#



#8
Diethyl Ether
Concen: 0.047 ug/l
RT: 3.942 min Scan# 338
Delta R.T. -0.018 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 74 Resp: 81
Ion Ratio Lower Upper
74 100
45 0.0 45.0 135.0#

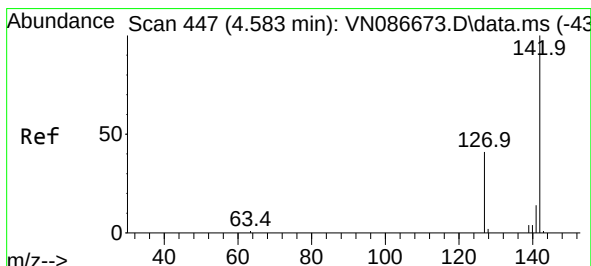
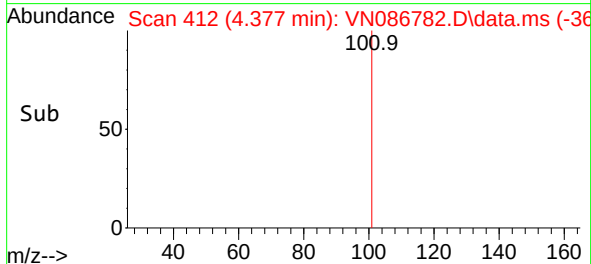
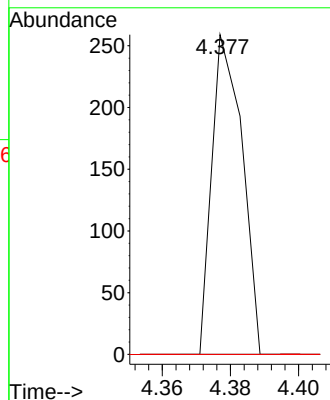
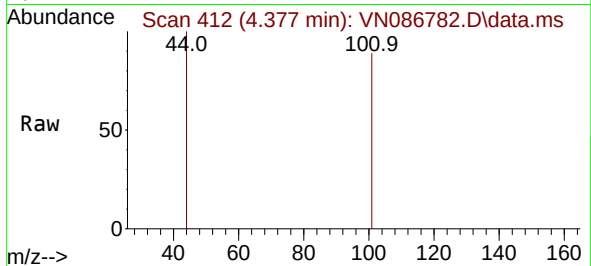




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.064 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086782.D
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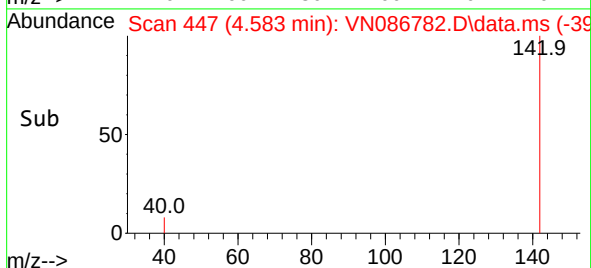
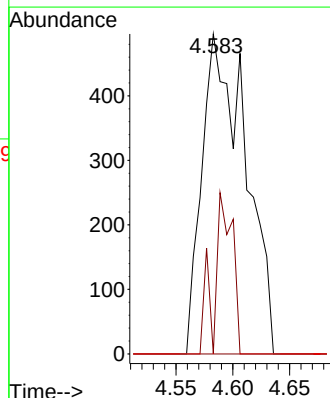
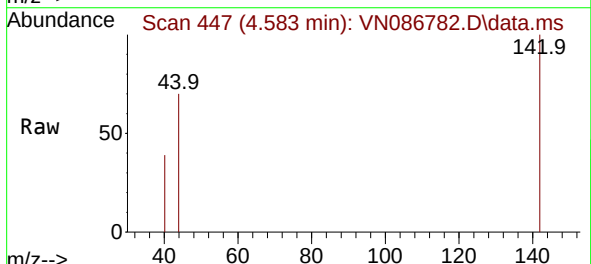
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

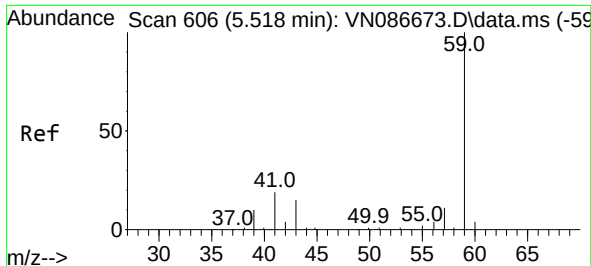
Tgt Ion:101 Resp: 160
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.6#
151 0.0 58.1 87.1#



#10
Methyl Iodide
Concen: 0.427 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:142 Resp: 1324
Ion Ratio Lower Upper
142 100
127 0.0 32.4 48.6#
141 0.0 11.4 17.2#

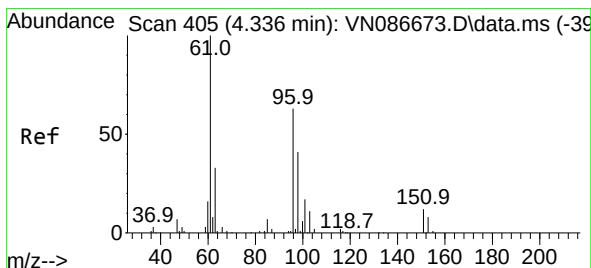
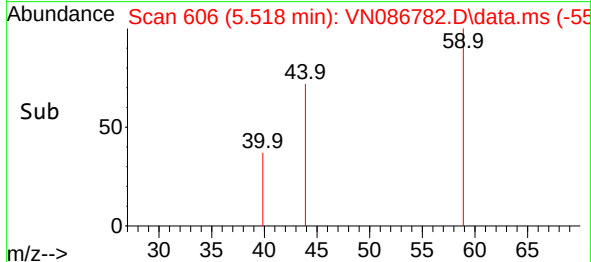
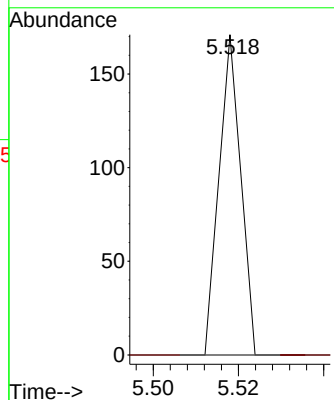
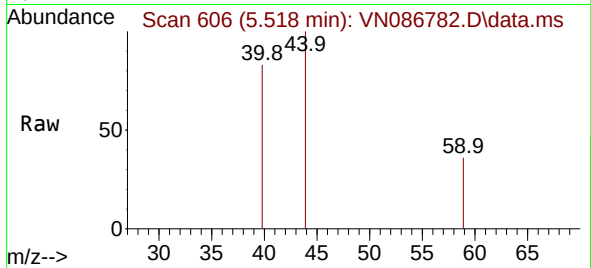




#11
Tert butyl alcohol
Concen: 0.100 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

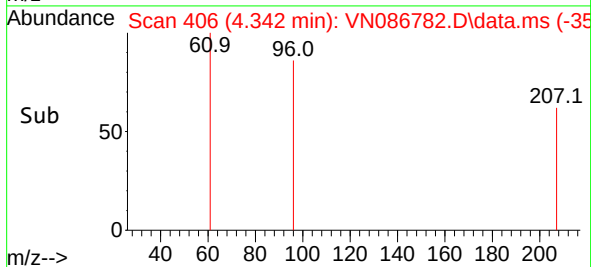
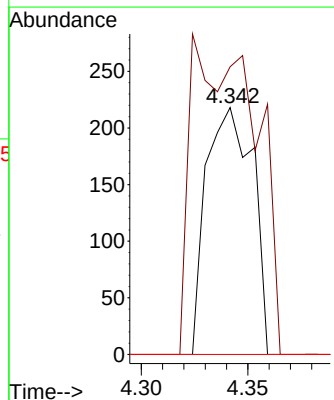
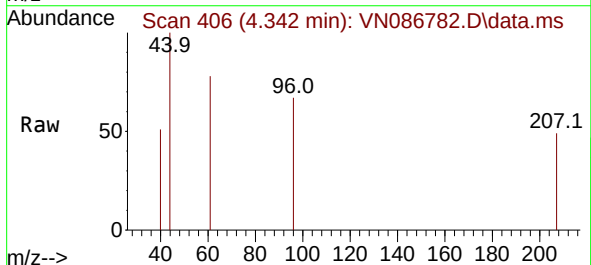
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

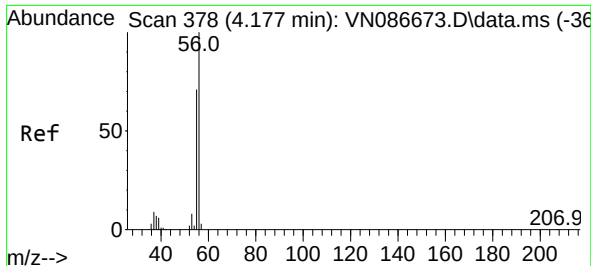
Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.125 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

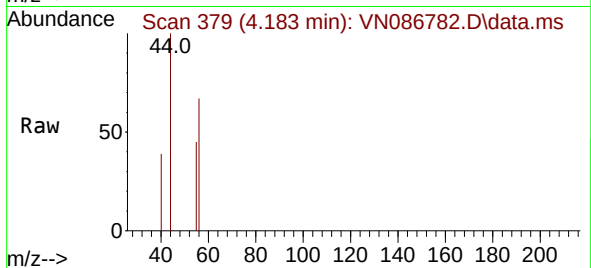
Tgt Ion: 96 Resp: 331
Ion Ratio Lower Upper
96 100
61 116.5 126.2 189.2#
98 0.0 51.5 77.3#



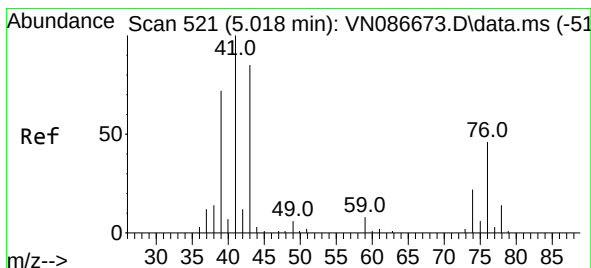
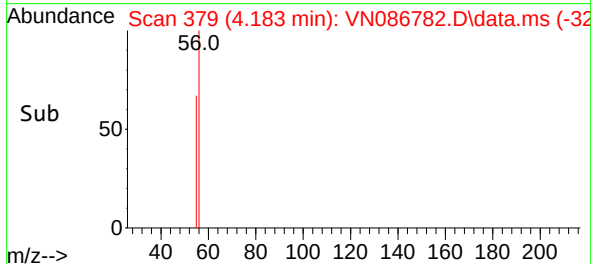
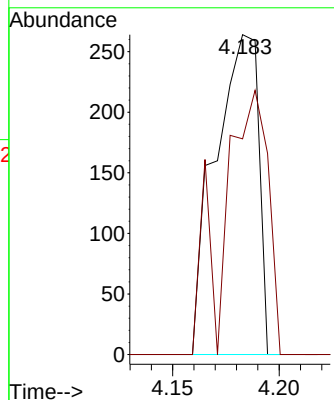


#13
Acrolein
Concen: 0.587 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

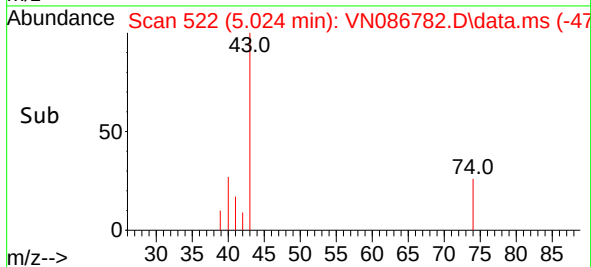
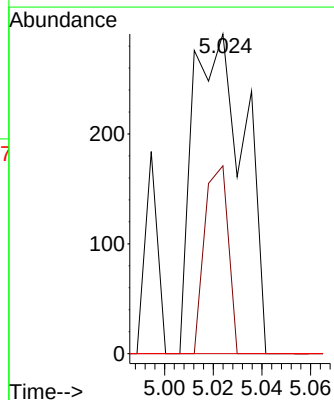
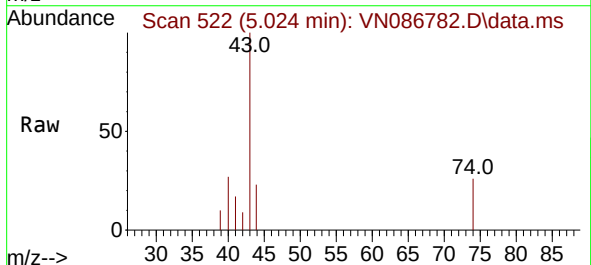


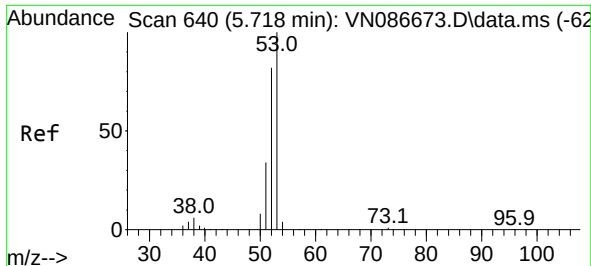
Tgt Ion: 56 Resp: 375
Ion Ratio Lower Upper
56 100
55 85.1 55.7 83.5#



#14
Allyl chloride
Concen: 0.107 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 41 Resp: 429
Ion Ratio Lower Upper
41 100
39 26.8 57.4 86.0#
76 0.0 33.2 49.8#

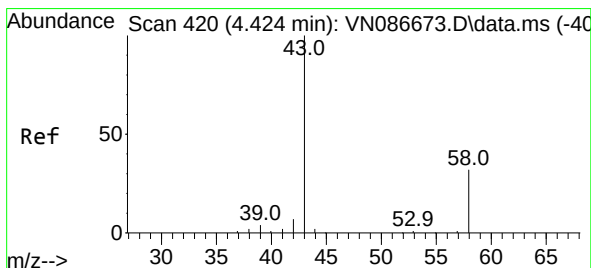
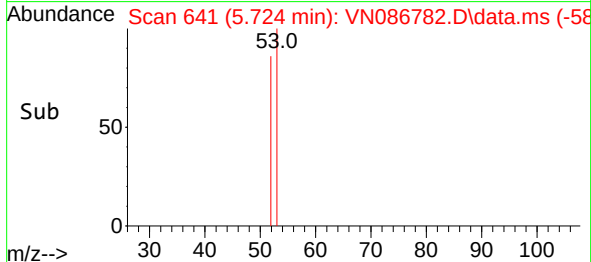
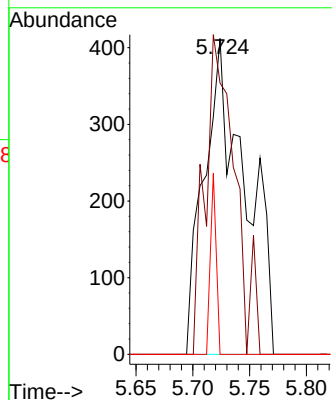
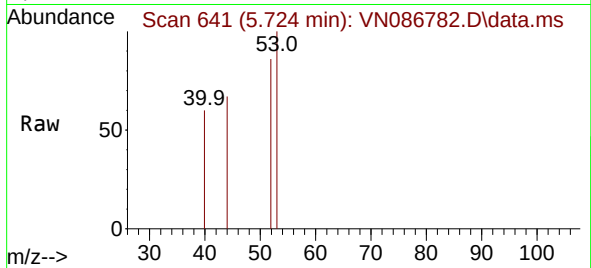




#15
Acrylonitrile
Concen: 0.698 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

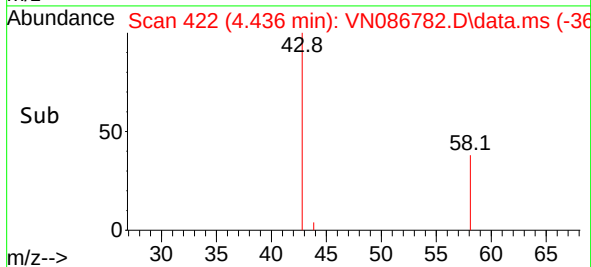
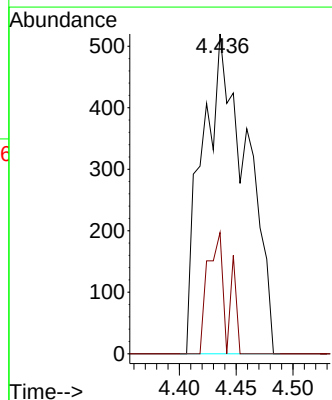
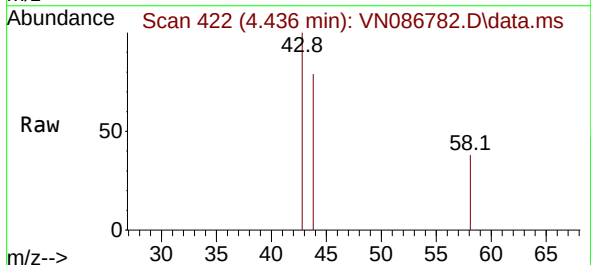
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

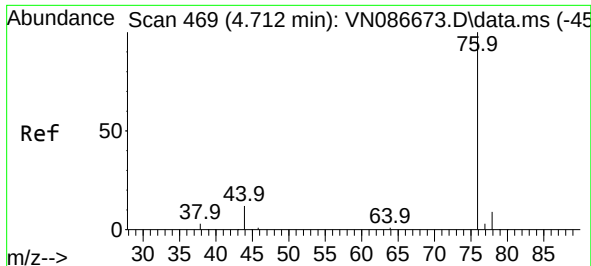
Tgt Ion: 53 Resp: 1032
Ion Ratio Lower Upper
53 100
52 73.3 65.4 98.2
51 8.0 27.9 41.9#



#16
Acetone
Concen: 1.154 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 37.9 25.8 38.6

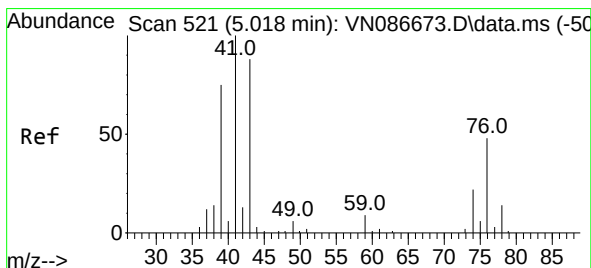
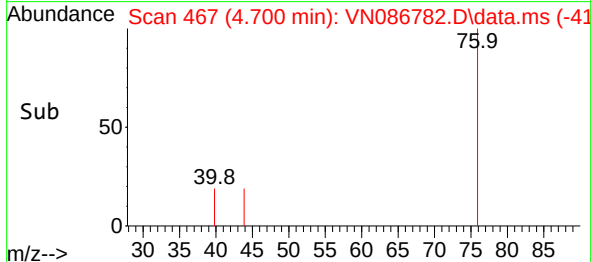
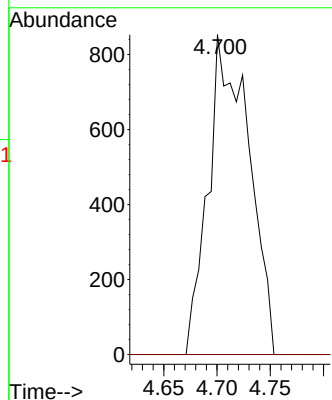
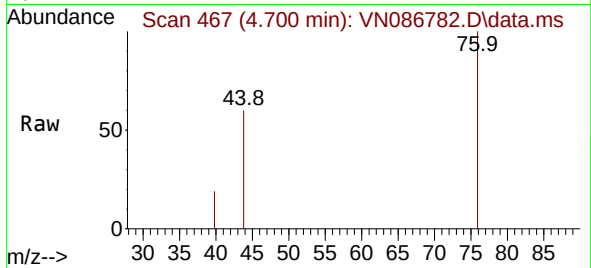




#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

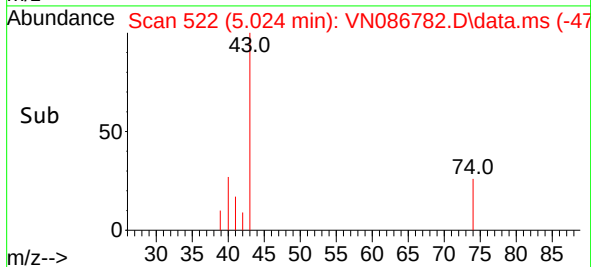
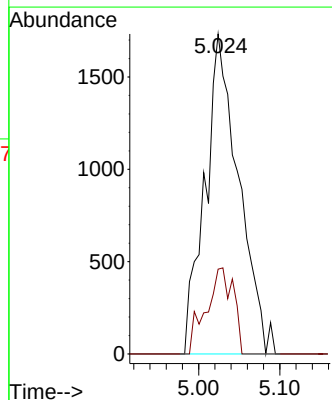
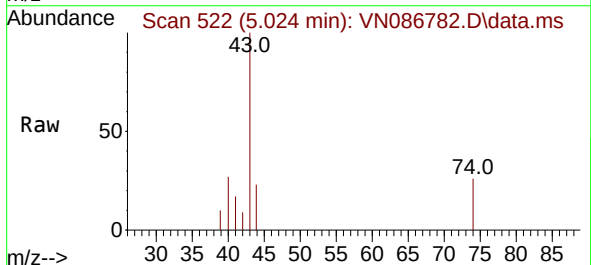
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

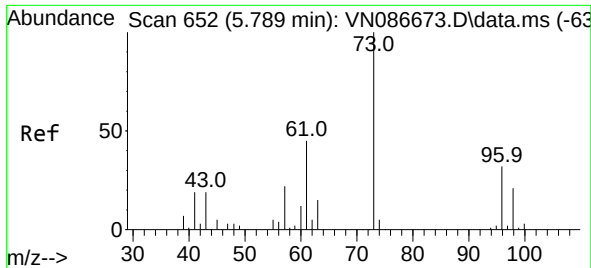
Tgt Ion: 76 Resp: 2261
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 1.458 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
74 21.6 20.5 30.7

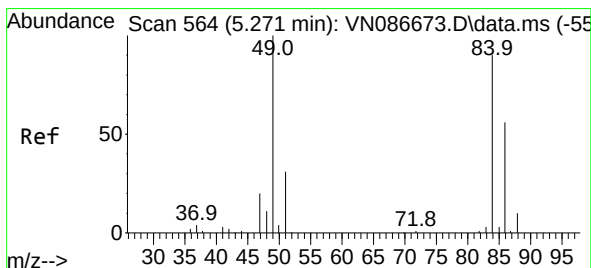
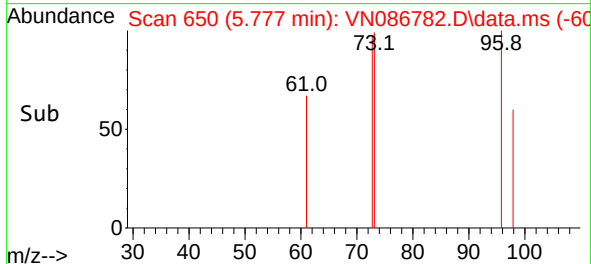
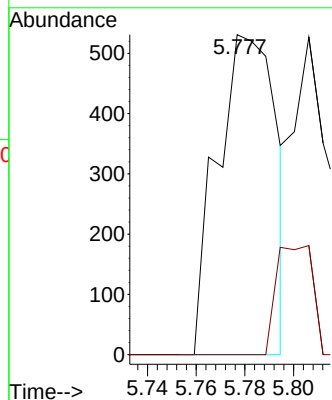
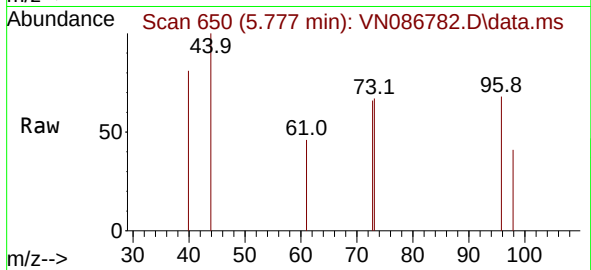




#19
Methyl tert-butyl Ether
Concen: 0.099 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

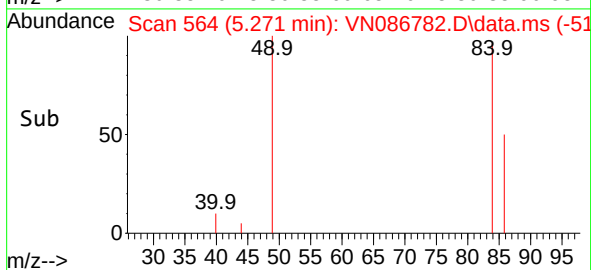
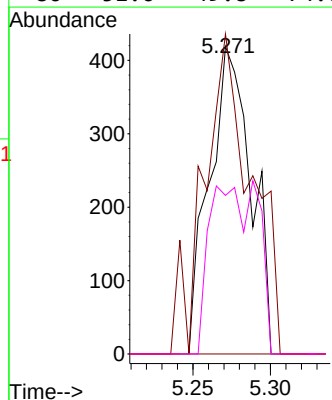
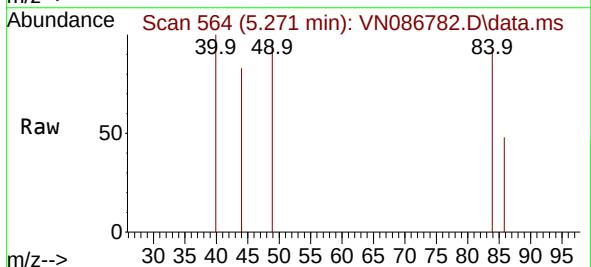
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

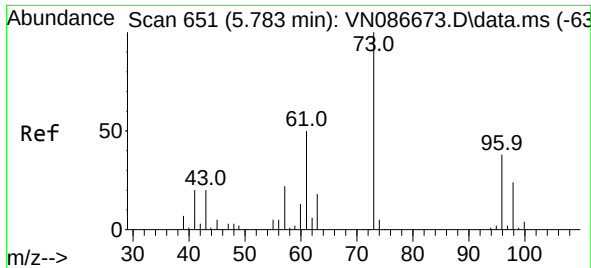
Tgt Ion: 73 Resp: 894
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 84 Resp: 784
Ion Ratio Lower Upper
84 100
49 104.1 88.8 133.2
51 0.0 27.8 41.6#
86 51.6 49.8 74.6

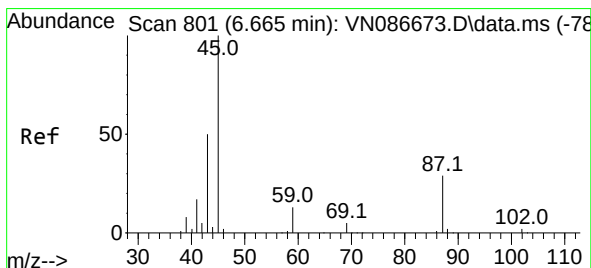
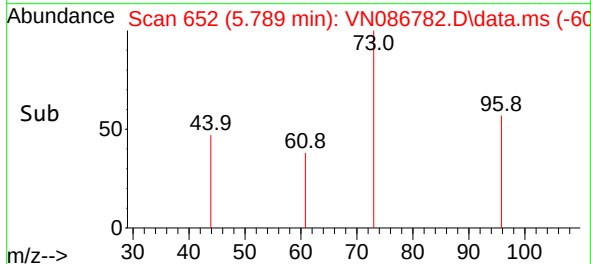
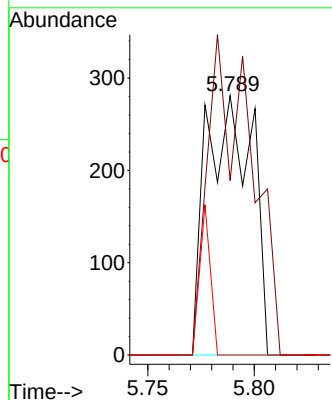
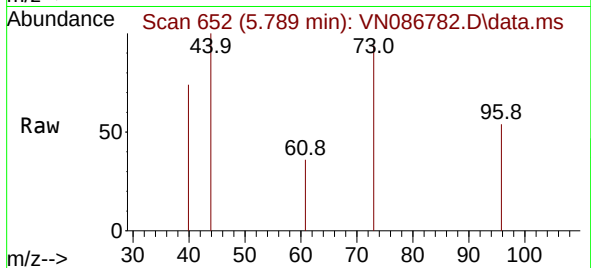




#21
trans-1,2-Dichloroethene
Concen: 0.150 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

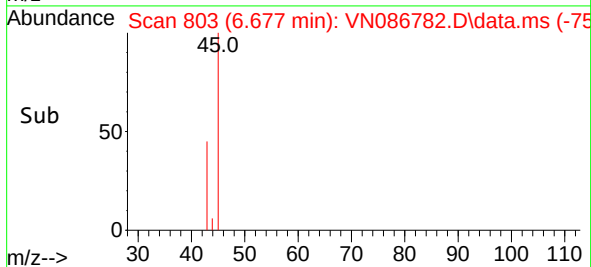
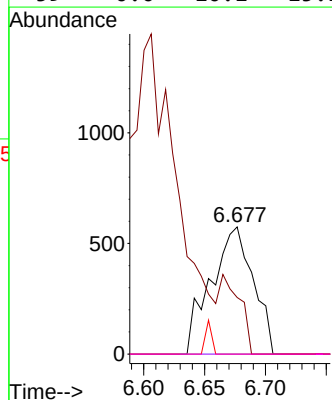
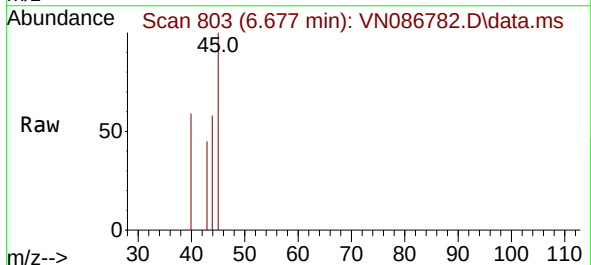
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

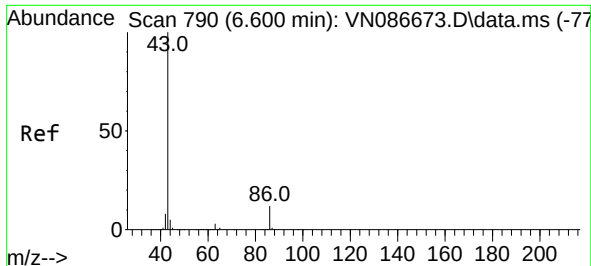
Tgt Ion: 96 Resp: 420
Ion Ratio Lower Upper
96 100
61 67.3 105.7 158.5#
98 0.0 51.0 76.6#



#22
Diisopropyl ether
Concen: 0.154 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 45 Resp: 1392
Ion Ratio Lower Upper
45 100
43 44.5 41.4 62.2
87 0.0 22.9 34.3#
59 0.0 10.1 15.1#

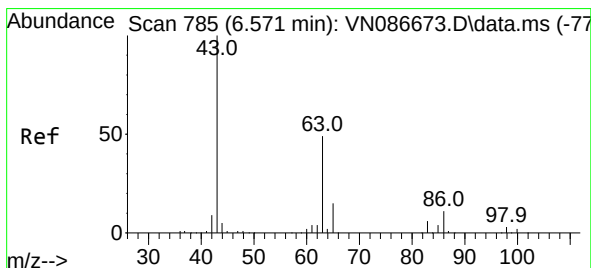
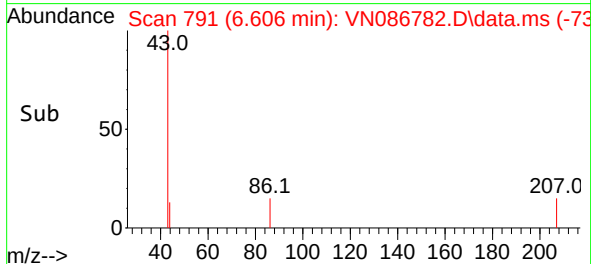
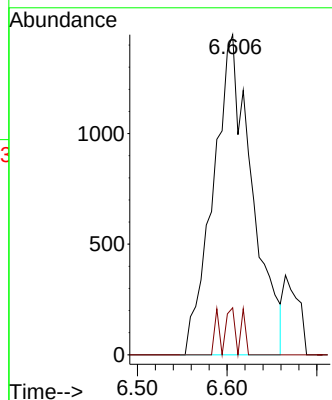
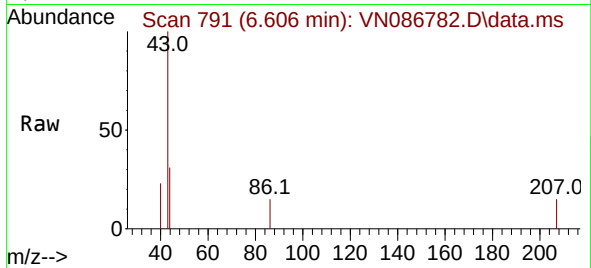




#23
 Vinyl Acetate
 Concen: 0.637 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

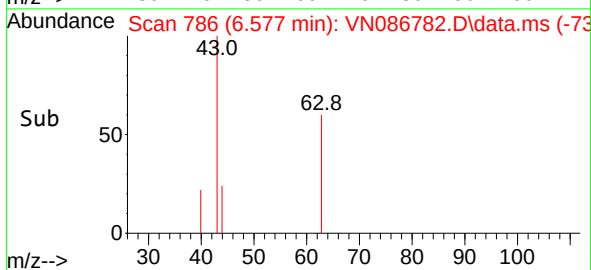
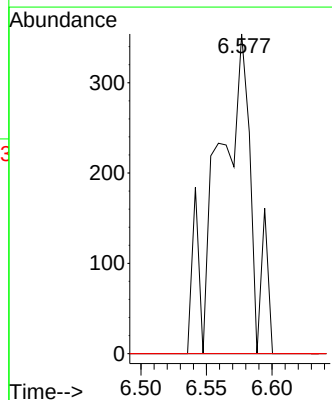
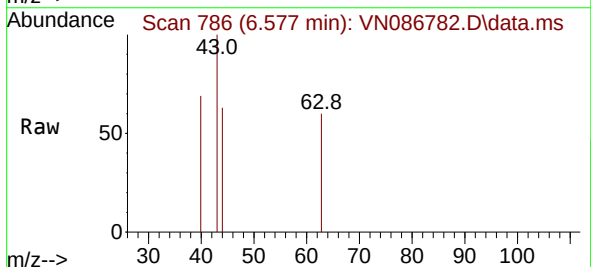
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

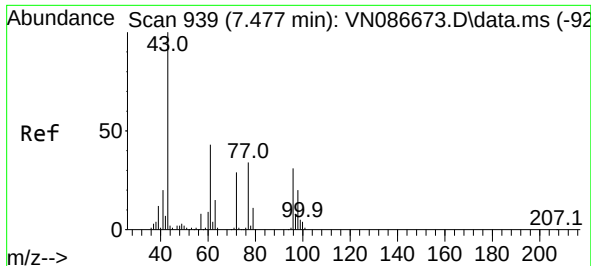
Tgt Ion: 43 Resp: 4327
 Ion Ratio Lower Upper
 43 100
 86 14.7 9.5 14.3#



#24
 1,1-Dichloroethane
 Concen: 0.122 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

Tgt Ion: 63 Resp: 647
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#

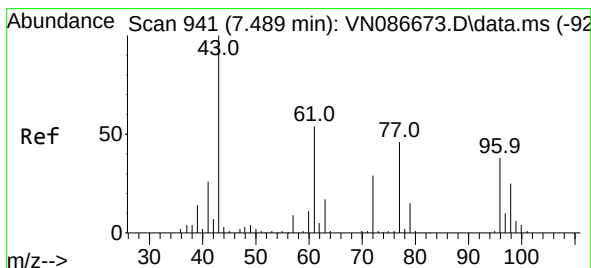
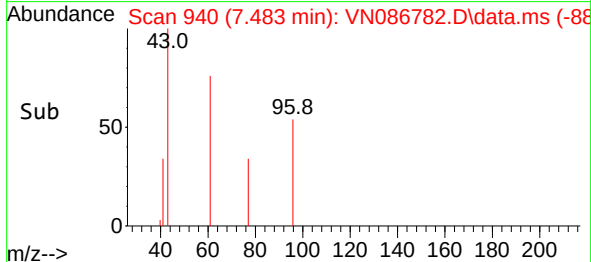
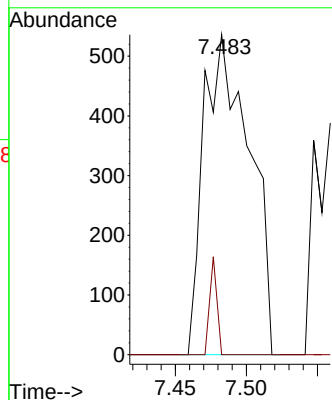
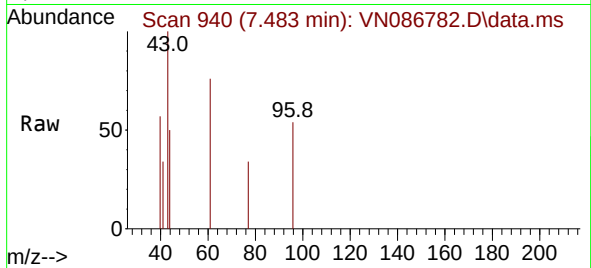




#25
2-Butanone
Concen: 0.634 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

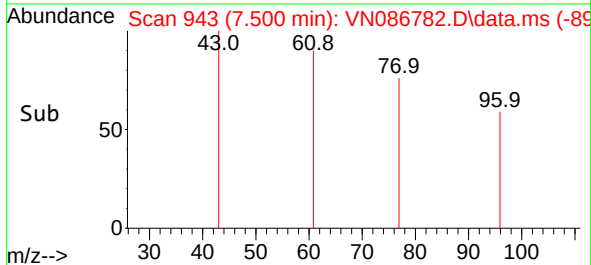
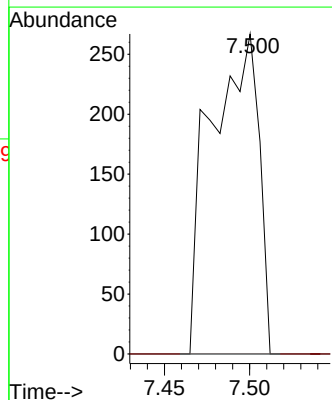
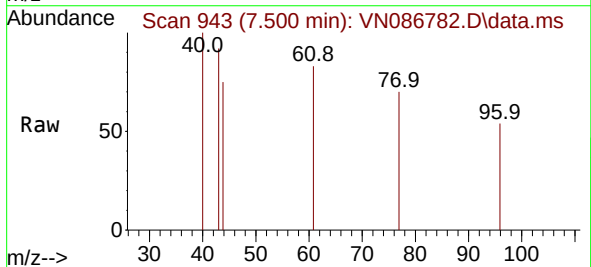
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

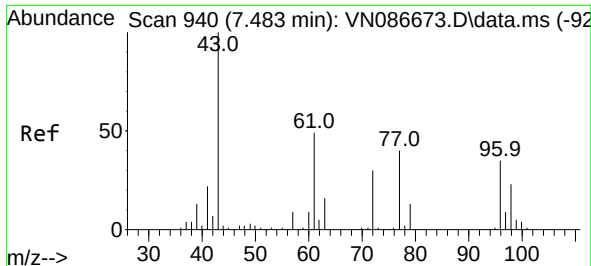
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#26
2,2-Dichloropropane
Concen: 0.119 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 77 Resp: 522
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#

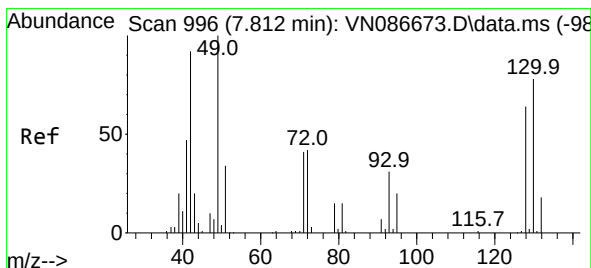
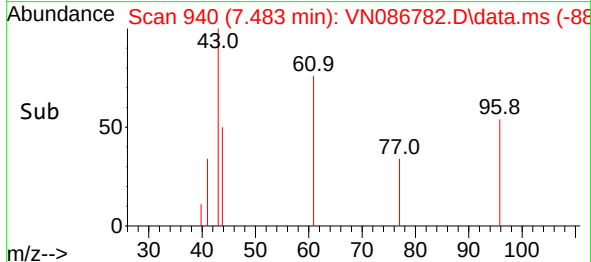
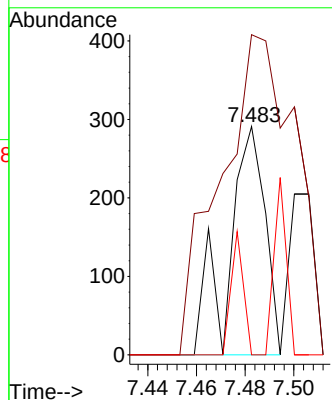
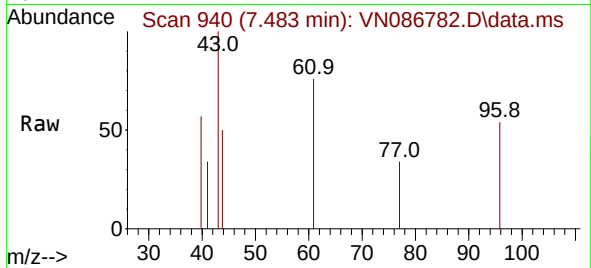




#27
 cis-1,2-Dichloroethene
 Concen: 0.088 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

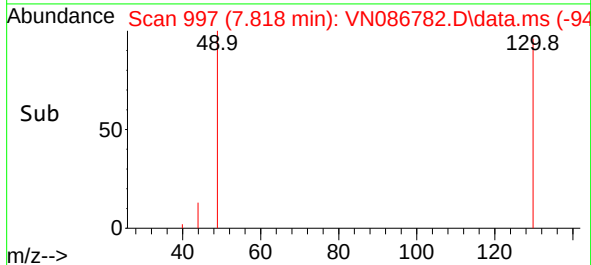
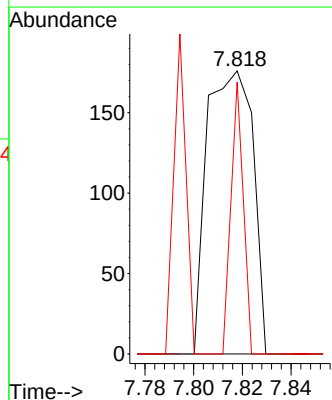
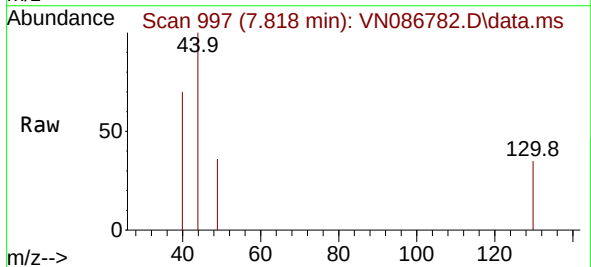
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

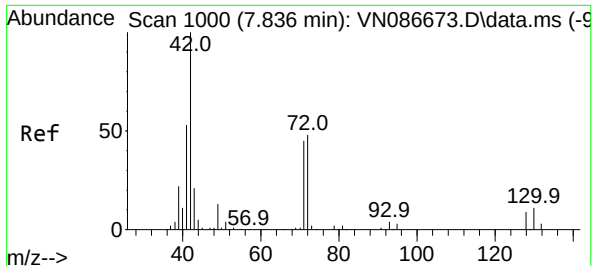
Tgt Ion: 96 Resp: 302
 Ion Ratio Lower Upper
 96 100
 61 288.1 0.0 277.4#
 98 18.2 0.0 129.6



#28
 Bromochloromethane
 Concen: 0.095 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

Tgt Ion: 49 Resp: 230
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 26.1 62.2 93.4#





#29

Tetrahydrofuran

Concen: 0.749 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

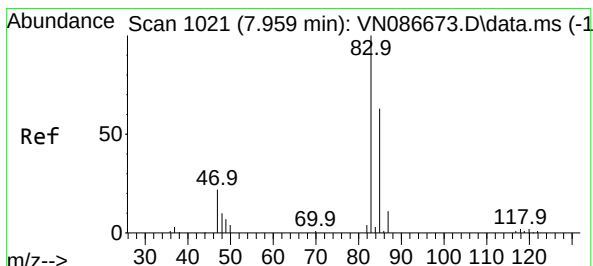
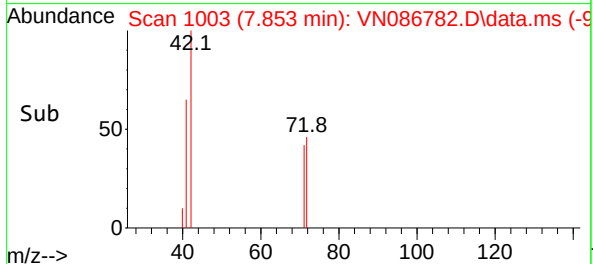
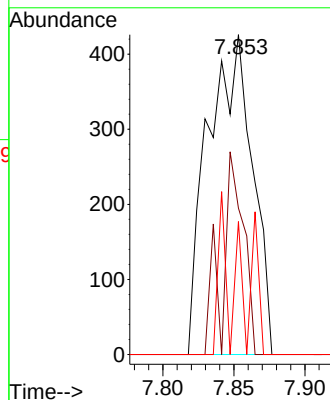
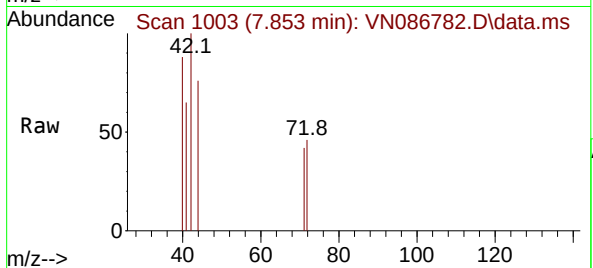
Tgt Ion: 42 Resp: 927

Ion Ratio Lower Upper

42 100

72 30.3 38.7 58.1#

71 8.3 36.2 54.4#



#30

Chloroform

Concen: 0.138 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086782.D

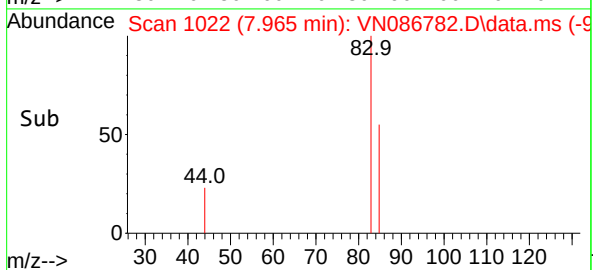
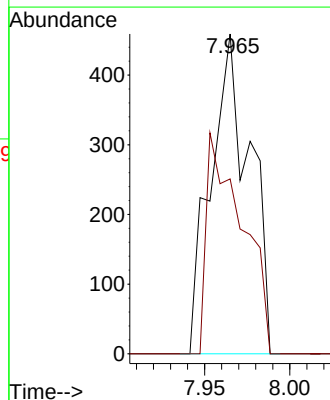
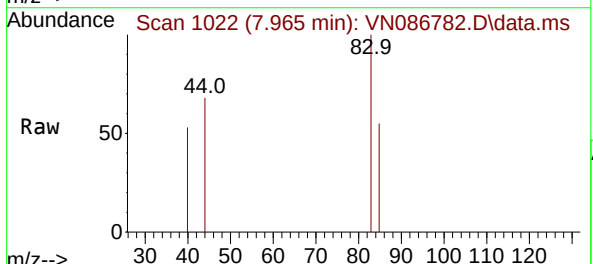
Acq: 27 May 2025 14:08

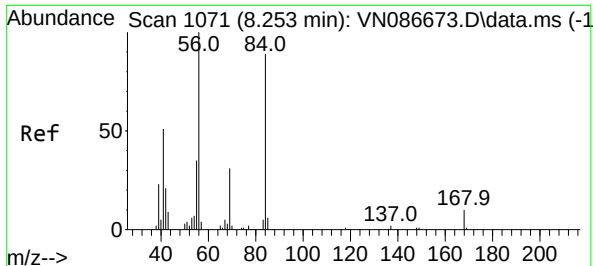
Tgt Ion: 83 Resp: 732

Ion Ratio Lower Upper

83 100

85 54.7 50.2 75.4

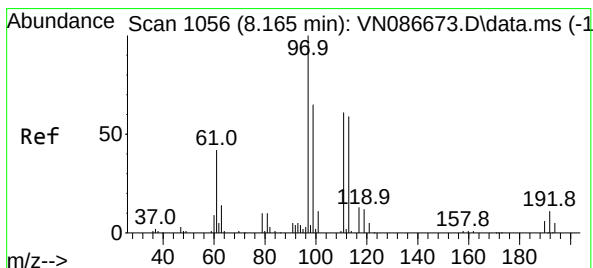
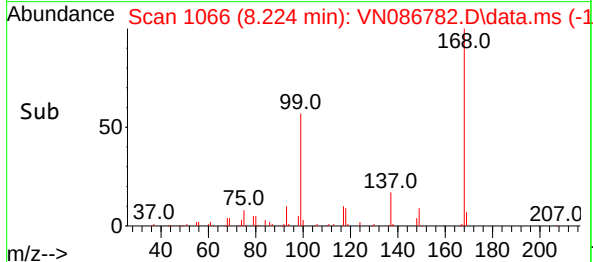
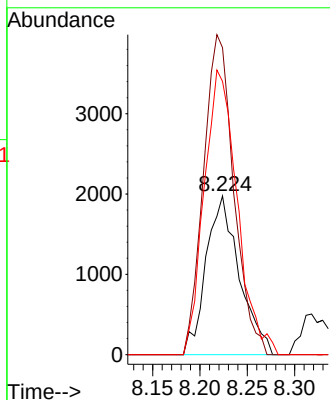
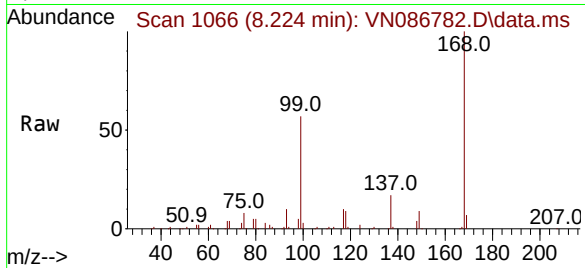




#31
Cyclohexane
Concen: 0.979 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

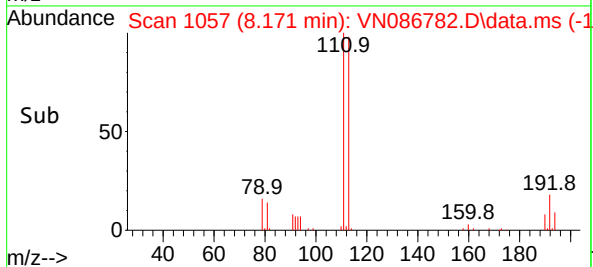
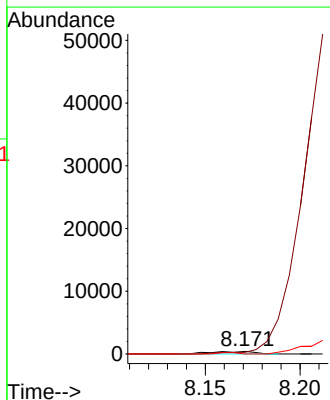
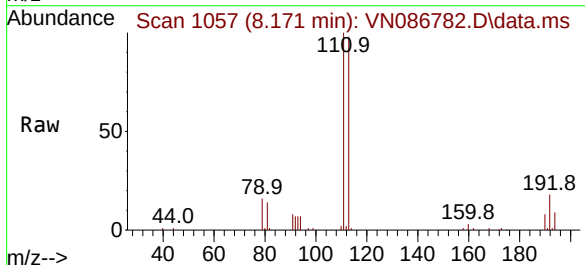
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

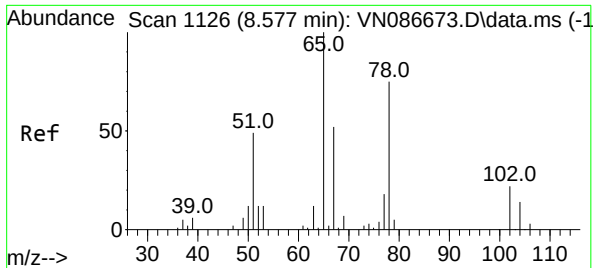
Tgt Ion: 56 Resp: 4820
Ion Ratio Lower Upper
56 100
69 193.5 25.0 37.6#
84 172.2 71.0 106.4#



#32
1,1,1-Trichloroethane
Concen: 0.138 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 97 Resp: 620
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 0.0 37.7 56.5#

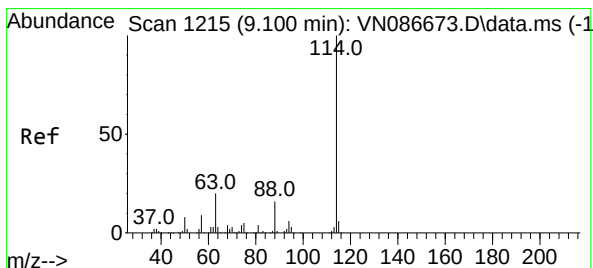
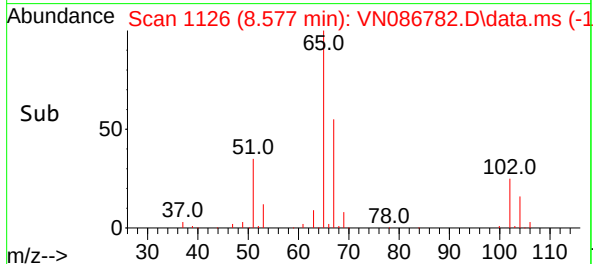
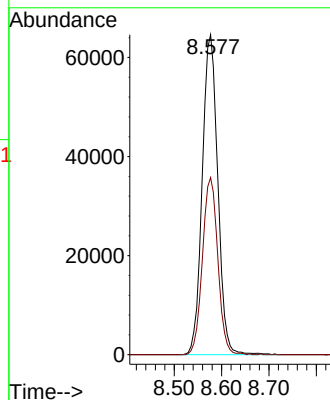
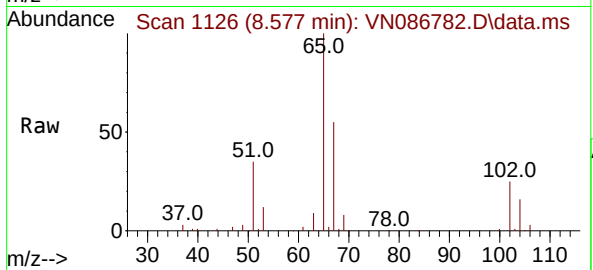




#33
 1,2-Dichloroethane-d4
 Concen: 44.846 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

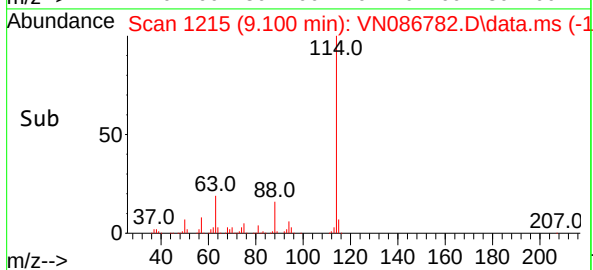
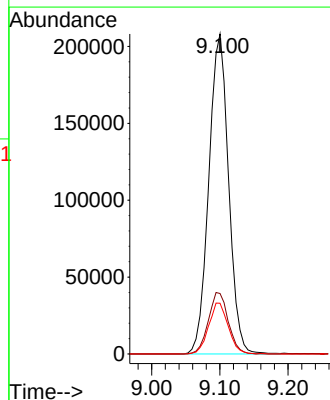
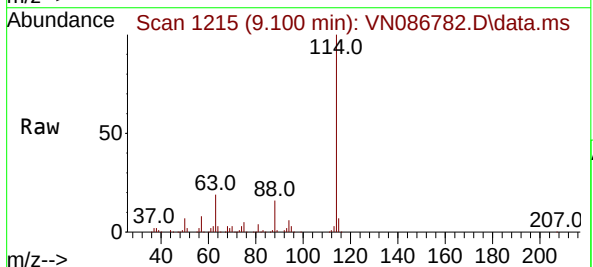
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

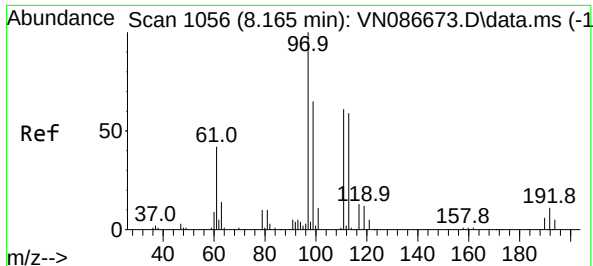
Tgt Ion: 65 Resp: 147049
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

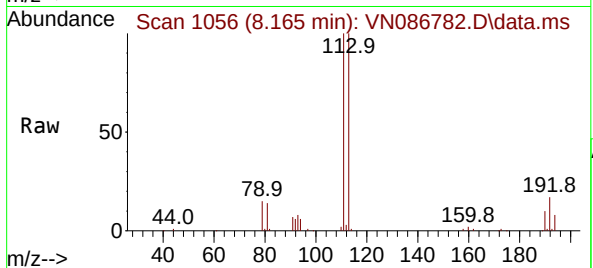
Tgt Ion: 114 Resp: 420284
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.2
 88 15.9 0.0 31.2



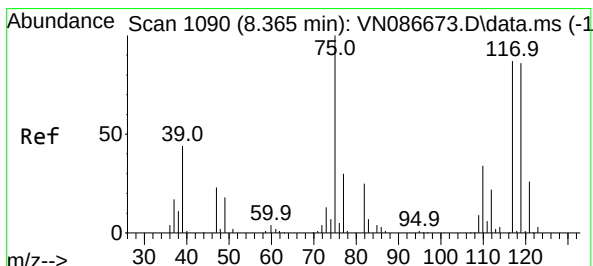
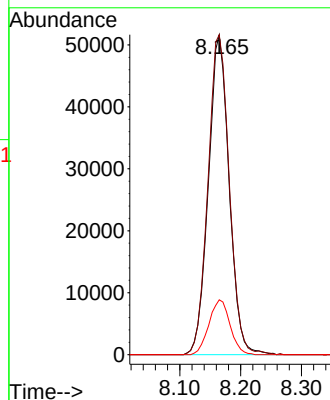
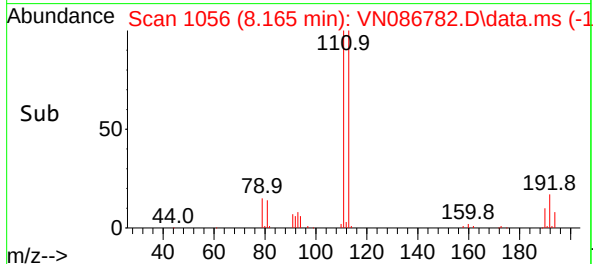


#35
Dibromofluoromethane
Concen: 48.821 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

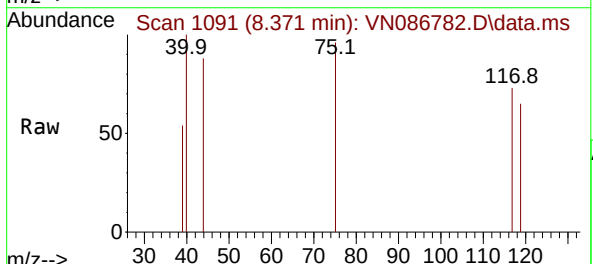
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



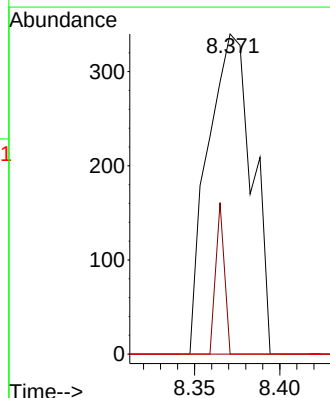
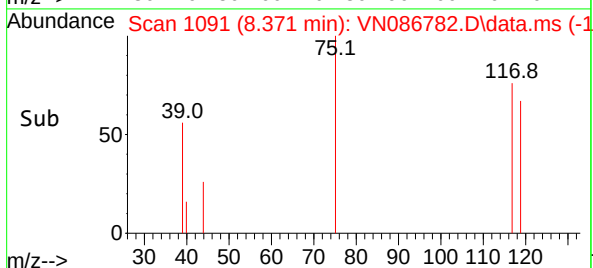
Tgt Ion:113 Resp: 122198
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 17.5 13.8 20.8

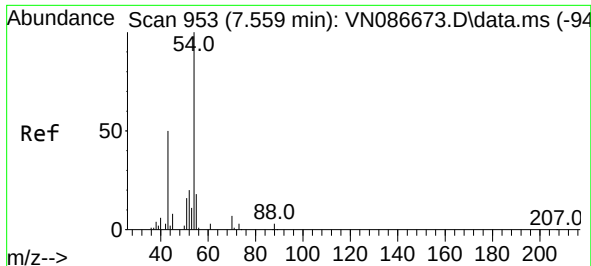


#36
1,1-Dichloropropene
Concen: 0.167 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08



Tgt Ion: 75 Resp: 616
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 0.0 25.1 37.7#

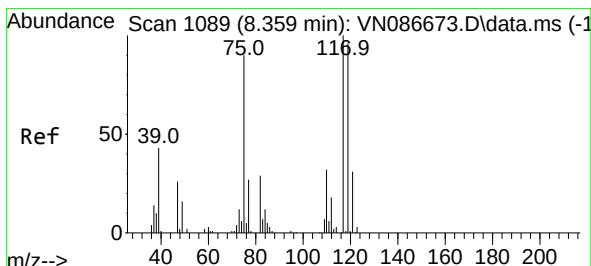
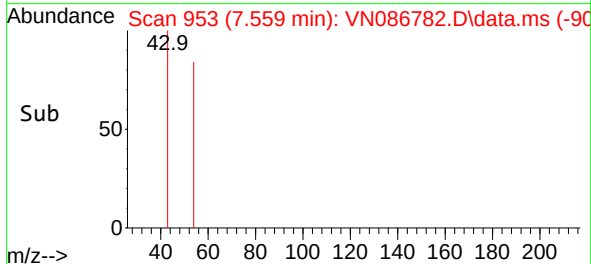
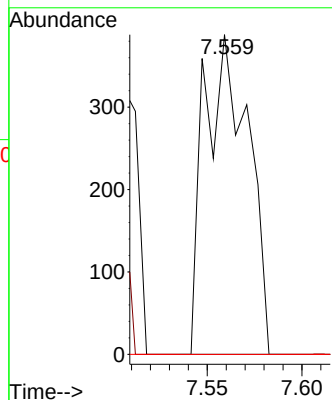
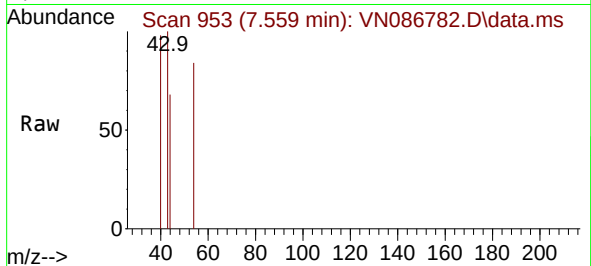




#37
Ethyl Acetate
Concen: 0.167 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

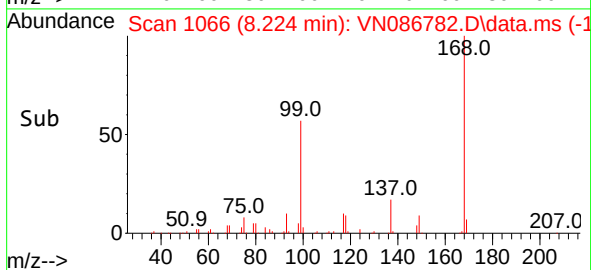
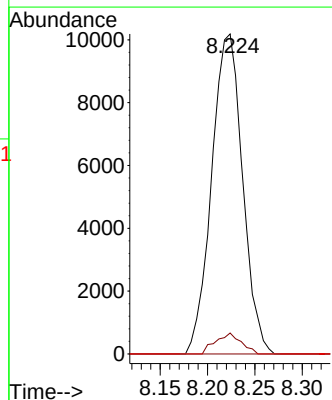
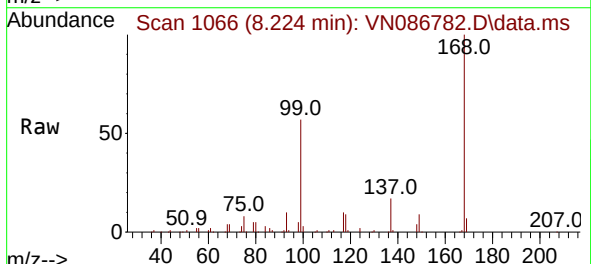
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

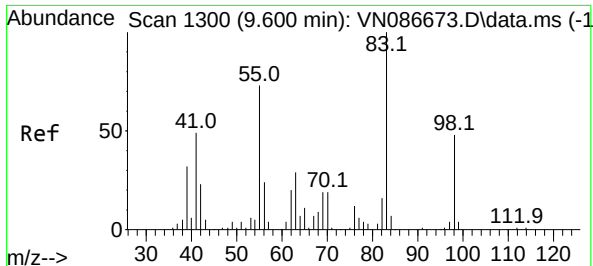
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 117 Resp: 23133
Ion Ratio Lower Upper
117 100
119 6.6 77.0 115.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.184 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

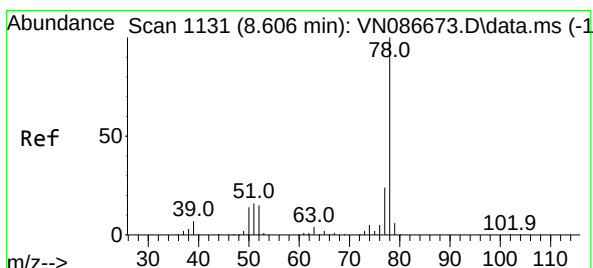
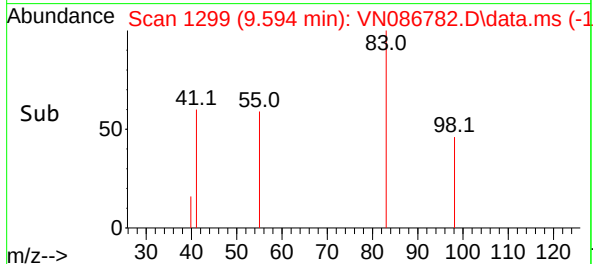
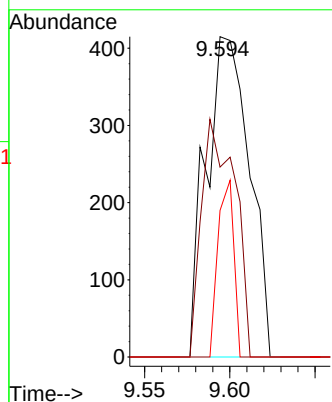
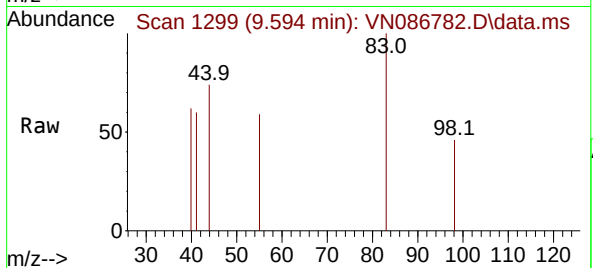
Tgt Ion: 83 Resp: 737

Ion Ratio Lower Upper

83 100

55 59.3 58.2 87.4

98 45.8 38.4 57.6



#40

Benzene

Concen: 0.176 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086782.D

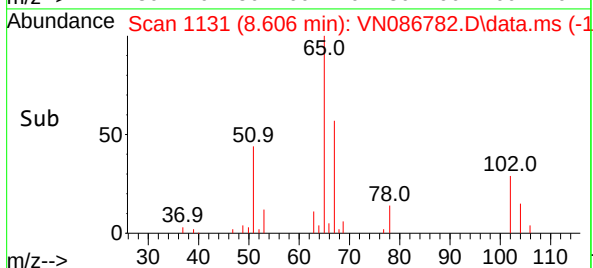
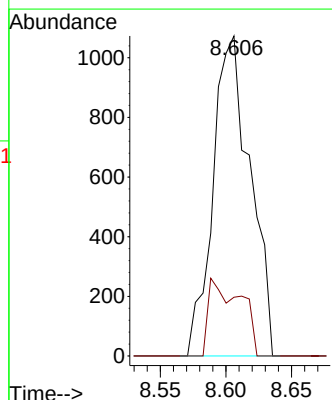
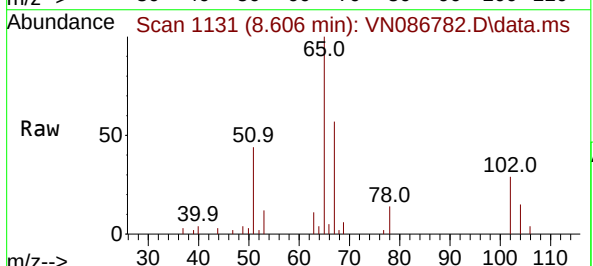
Acq: 27 May 2025 14:08

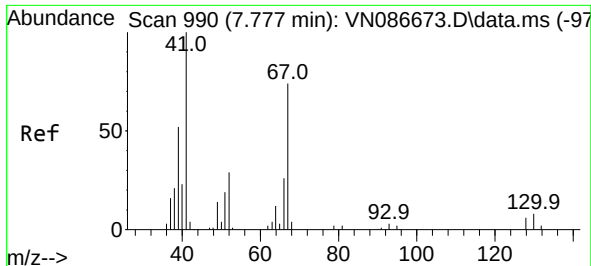
Tgt Ion: 78 Resp: 2116

Ion Ratio Lower Upper

78 100

77 18.4 19.1 28.7#

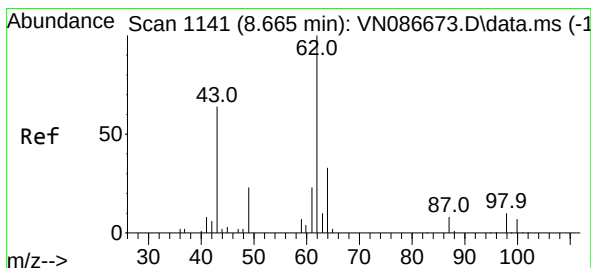
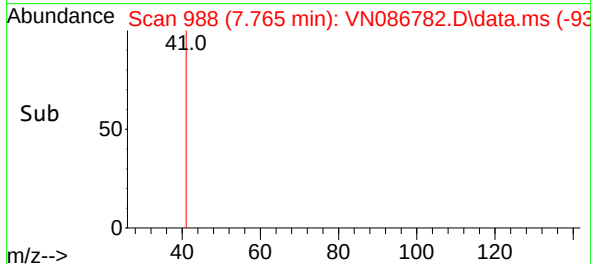
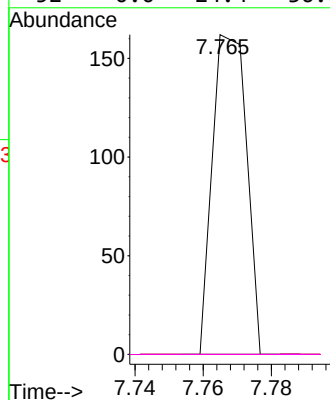
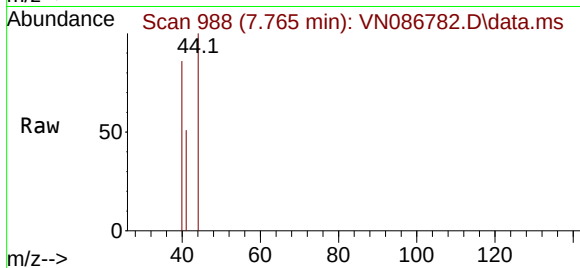




#41
Methacrylonitrile
Concen: 0.056 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

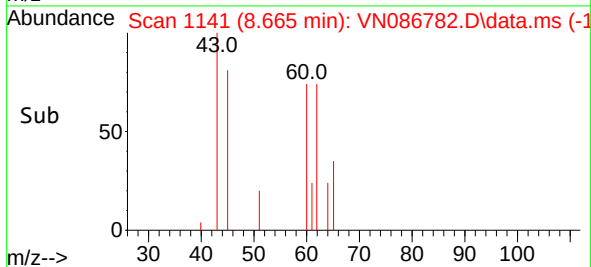
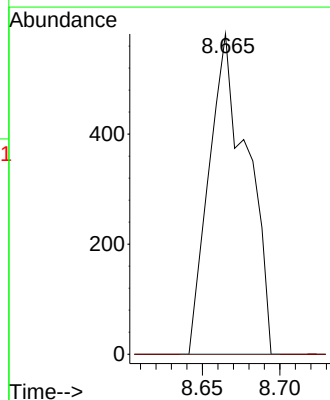
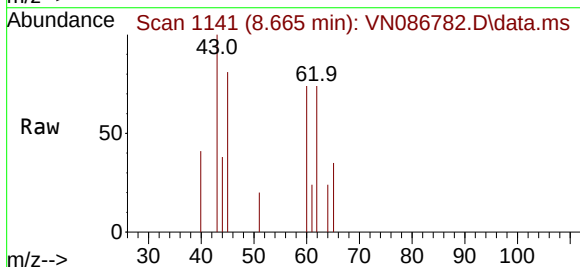
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

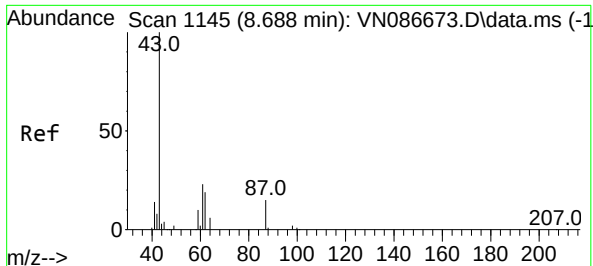
Tgt Ion:	41	Resp:	113
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.9	67.3#
67	0.0	63.4	95.0#
52	0.0	24.4	36.6#



#42
1,2-Dichloroethane
Concen: 0.267 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:	62	Resp:	1003
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 0.682 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN086782.D

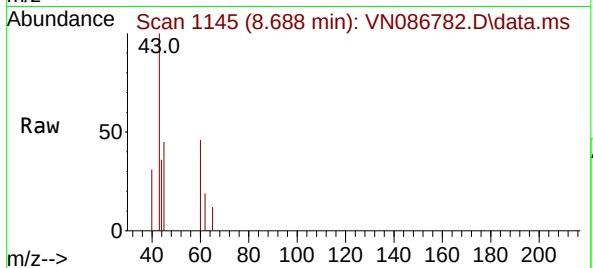
Acq: 27 May 2025 14:08

Instrument :

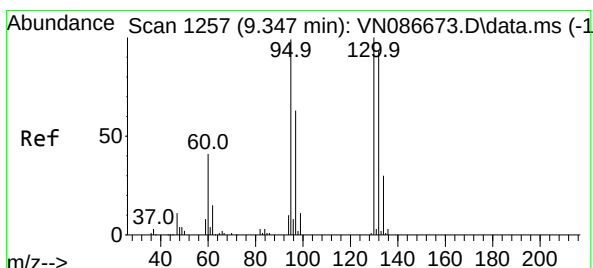
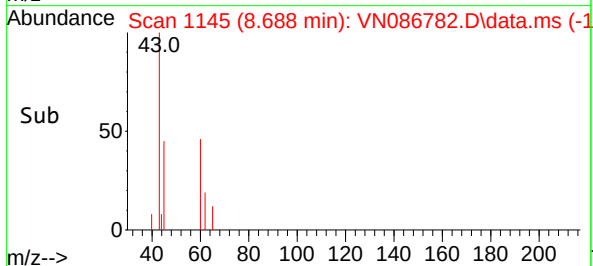
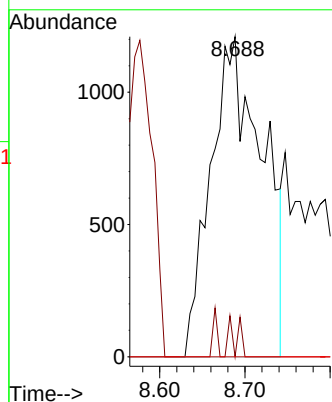
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:	43	Resp:	5100
Ion Ratio	Lower	Upper	
43	100		
61	2.1	21.4	32.2#
87	0.0	11.1	16.7#



#44

Trichloroethene

Concen: 0.174 ug/l

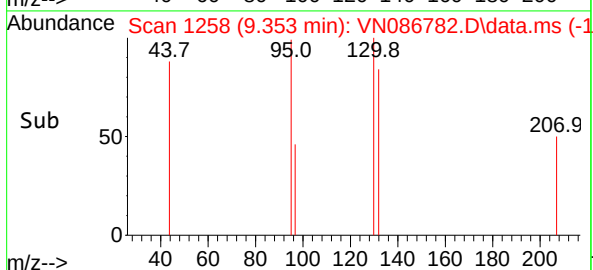
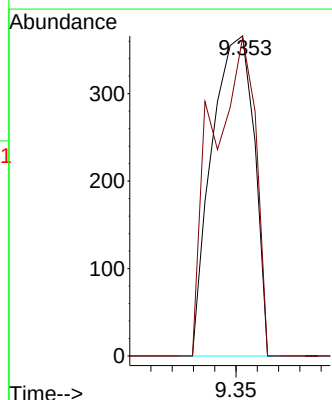
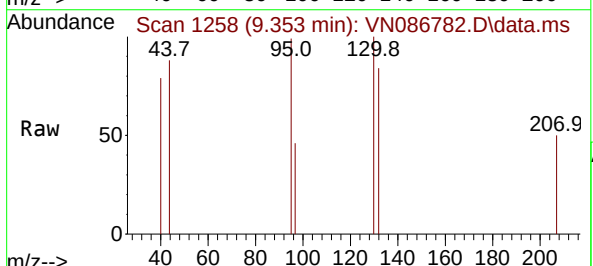
RT: 9.353 min Scan# 1258

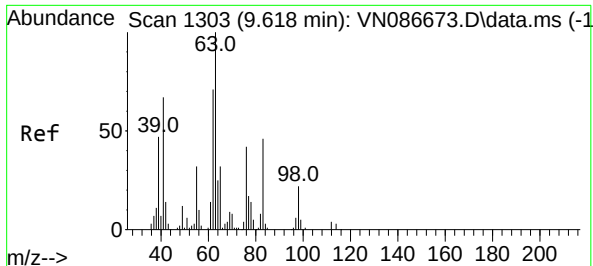
Delta R.T. 0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Tgt Ion:	130	Resp:	506
Ion Ratio	Lower	Upper	
130	100		
95	99.5	0.0	197.0





#45

1,2-Dichloropropane

Concen: 0.133 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

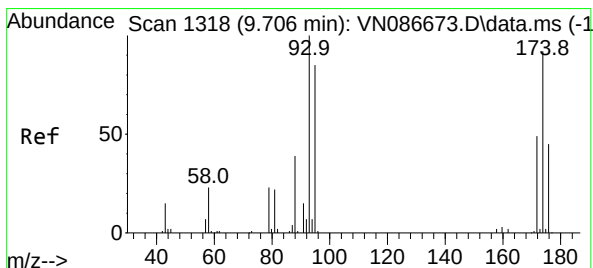
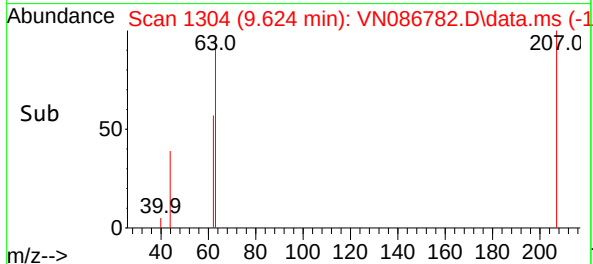
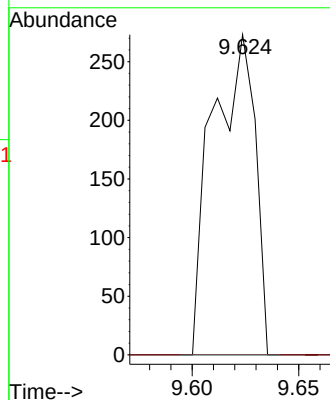
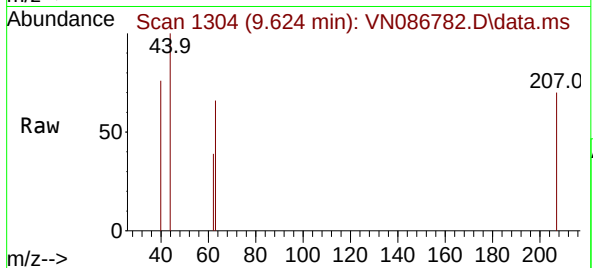
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 380

Ion Ratio Lower Upper

63 100

65 0.0 25.8 38.6#



#46

Dibromomethane

Concen: 0.037 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

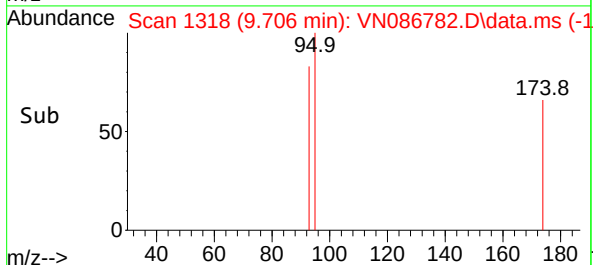
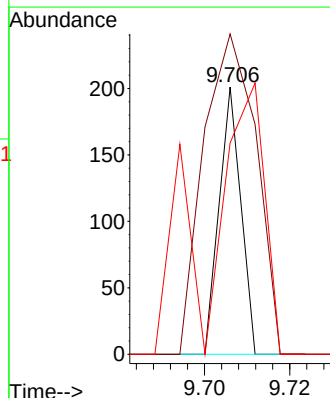
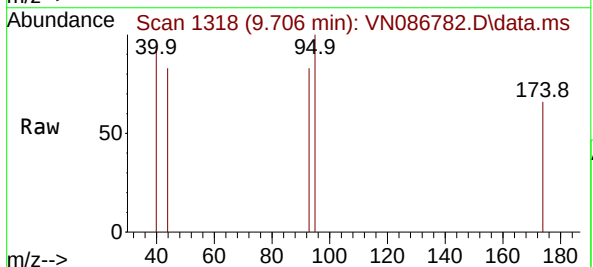
Tgt Ion: 93 Resp: 71

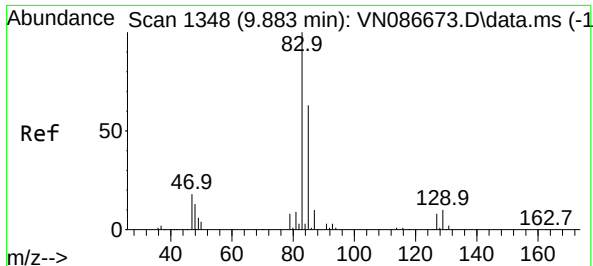
Ion Ratio Lower Upper

93 100

95 291.5 67.1 100.7#

174 259.2 73.8 110.6#





#47

Bromodichloromethane

Concen: 0.141 ug/l

RT: 9.882 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

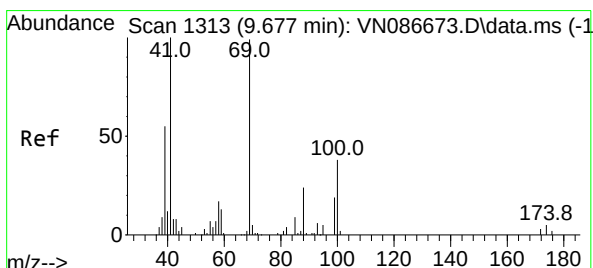
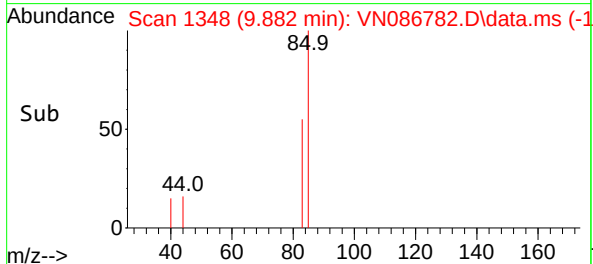
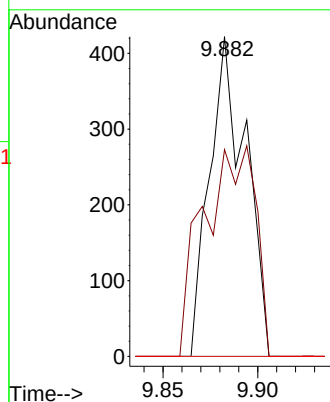
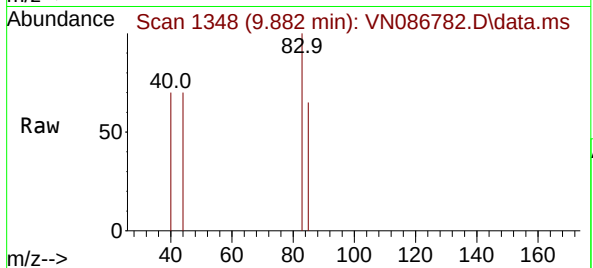
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83	Resp:	562
Ion	Ratio	Lower Upper
83	100	
85	64.7	50.1 75.1
127	0.0	6.2 9.4#



#48

Methyl methacrylate

Concen: 0.108 ug/l

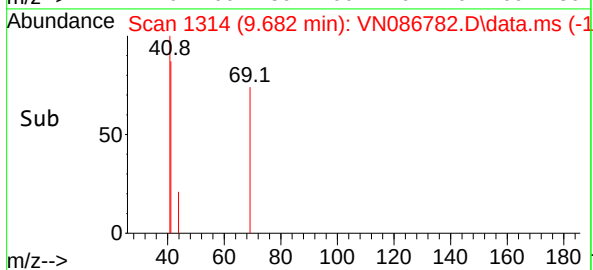
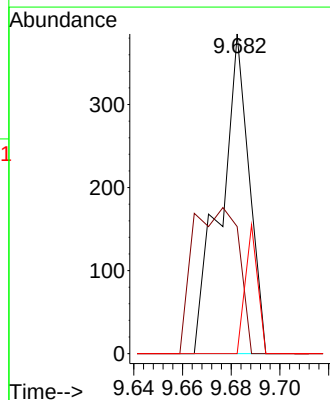
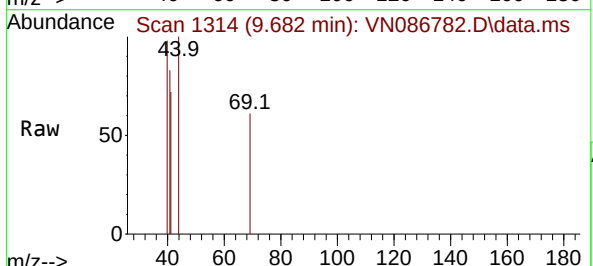
RT: 9.682 min Scan# 1314

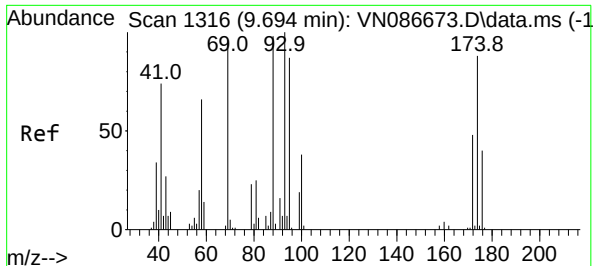
Delta R.T. 0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Tgt Ion: 41	Resp:	313
Ion	Ratio	Lower Upper
41	100	
69	73.5	74.1 111.1#
39	17.6	44.1 66.1#





#49

1,4-Dioxane

Concen: 1.956 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086782.D

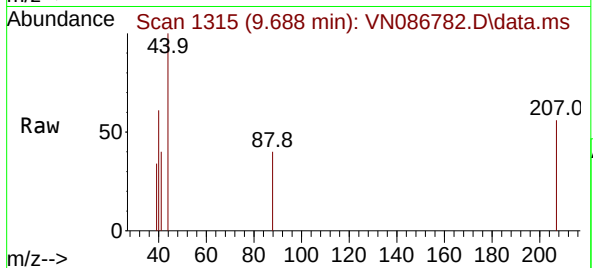
Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



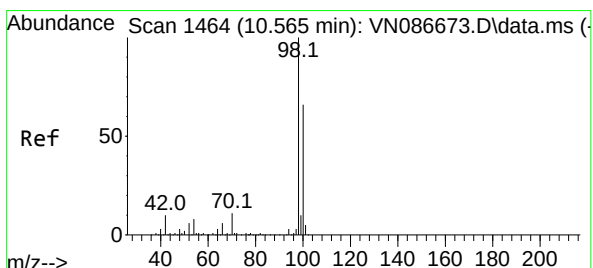
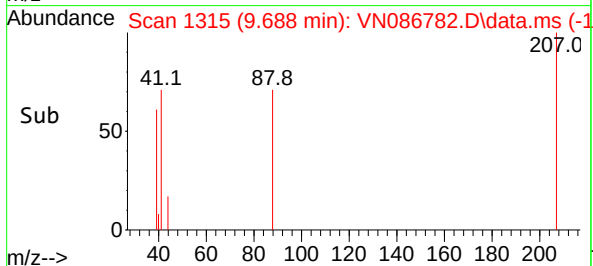
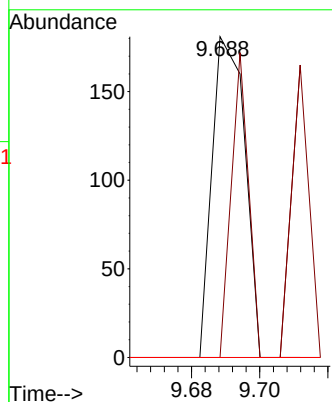
Tgt Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

43 50.8 23.6 35.4#

58 0.0 55.3 82.9#



#50

Toluene-d8

Concen: 49.038 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086782.D

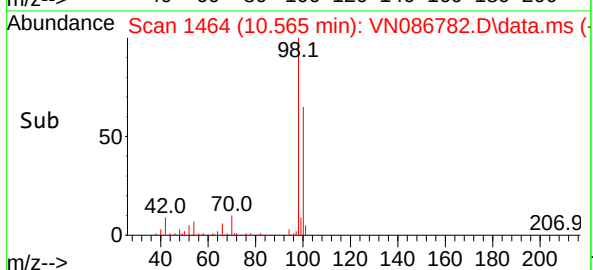
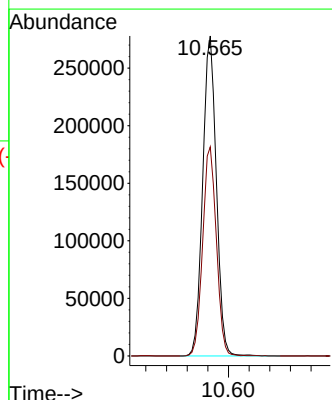
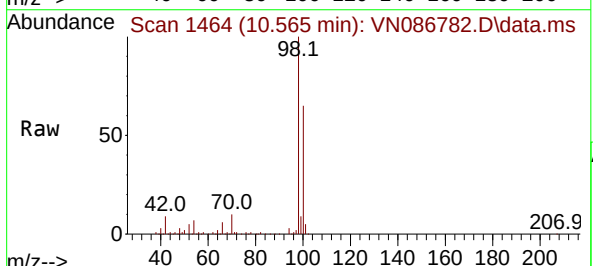
Acq: 27 May 2025 14:08

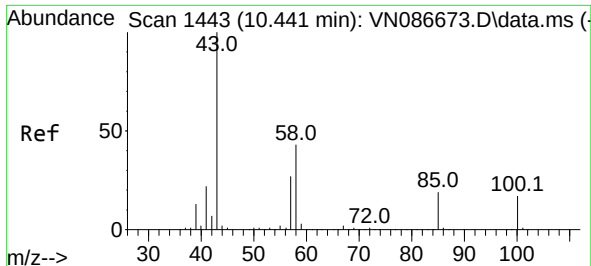
Tgt Ion: 98 Resp: 508641

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.750 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

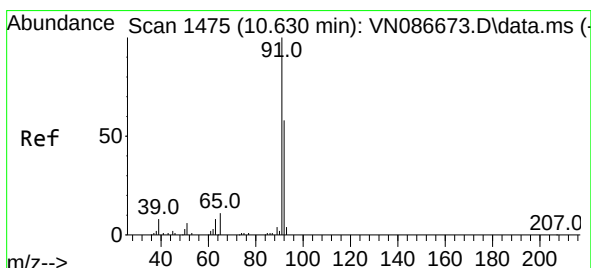
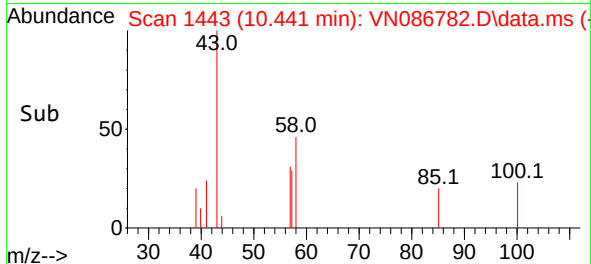
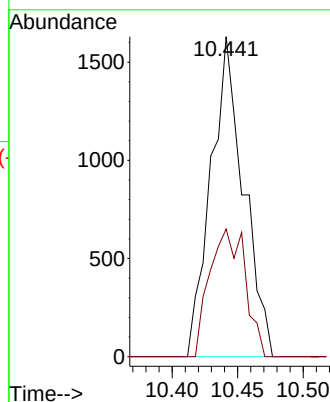
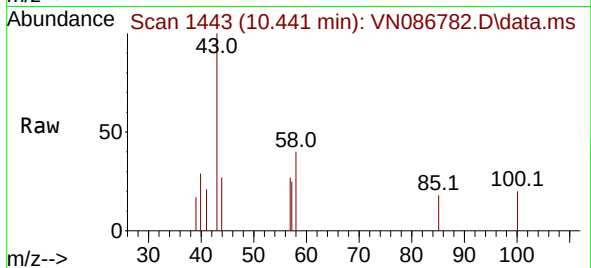
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 2827

Ion Ratio Lower Upper

43 100

58 43.4 33.9 50.9



#52

Toluene

Concen: 0.185 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086782.D

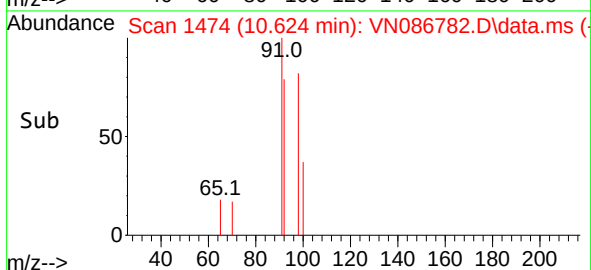
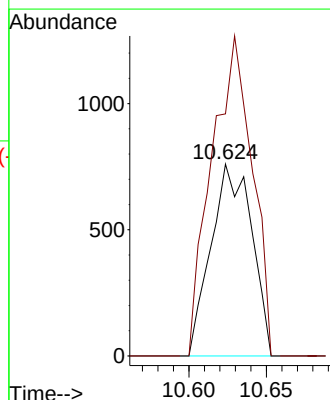
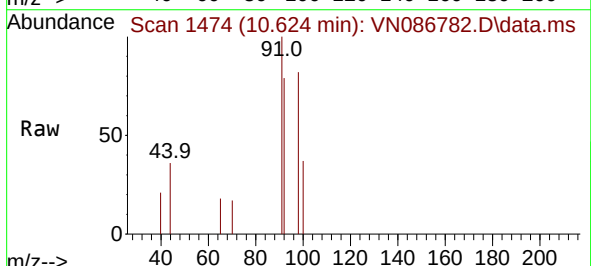
Acq: 27 May 2025 14:08

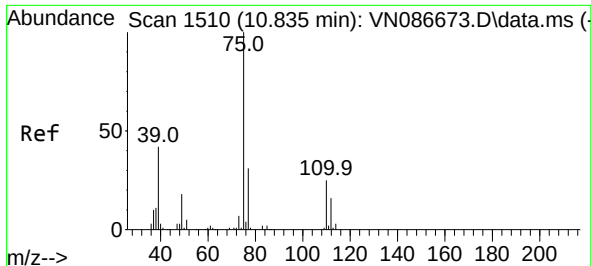
Tgt Ion: 92 Resp: 1386

Ion Ratio Lower Upper

92 100

91 166.5 137.8 206.8

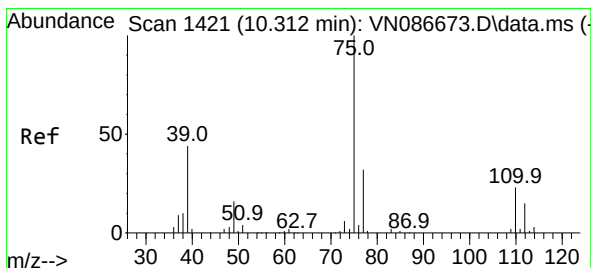
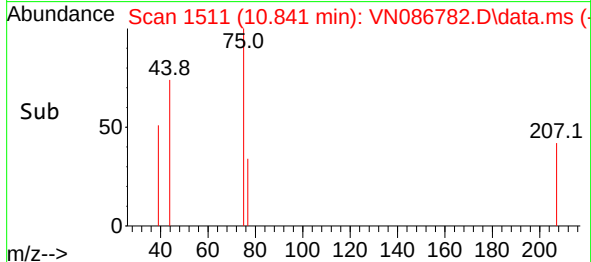
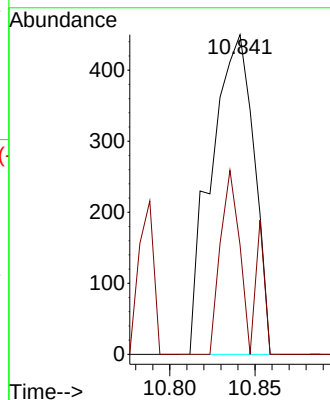
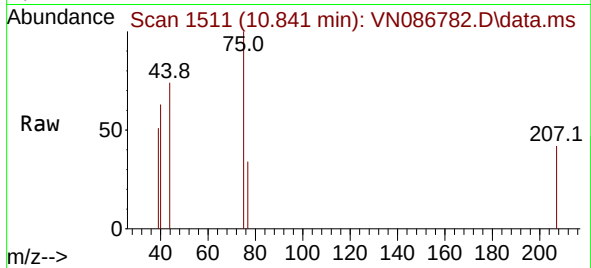




#53
t-1,3-Dichloropropene
Concen: 0.186 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

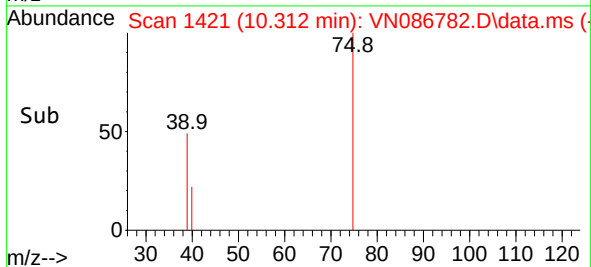
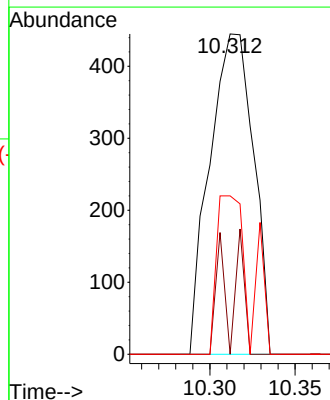
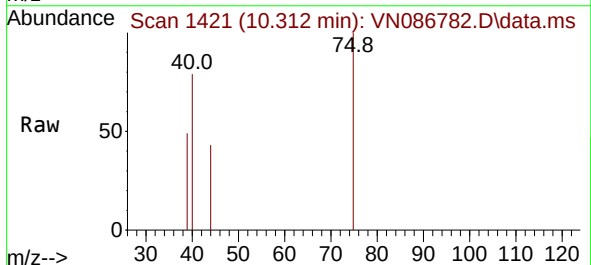
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

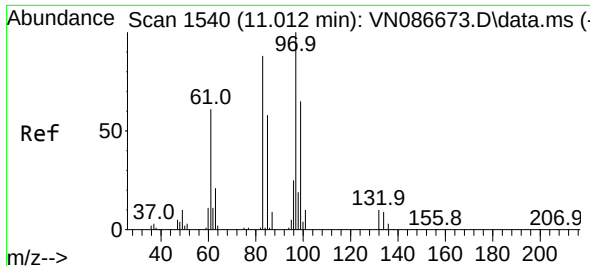
Tgt Ion: 75 Resp: 784
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 0.173 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 75 Resp: 795
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 49.4 35.2 52.8

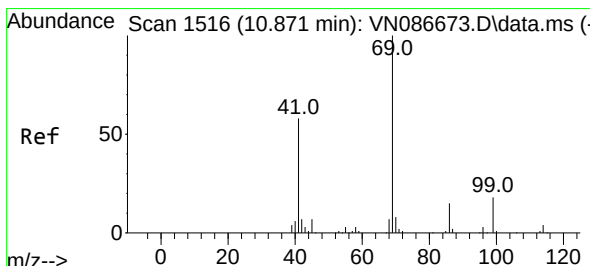
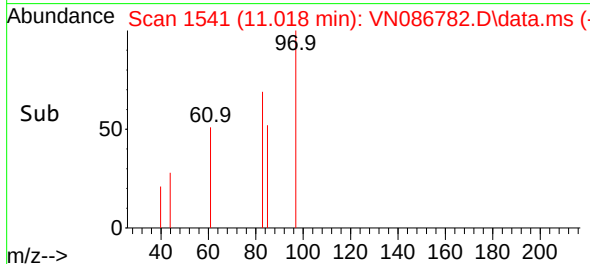
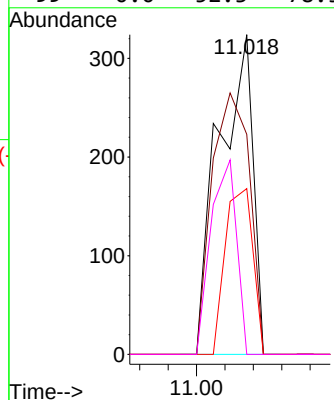
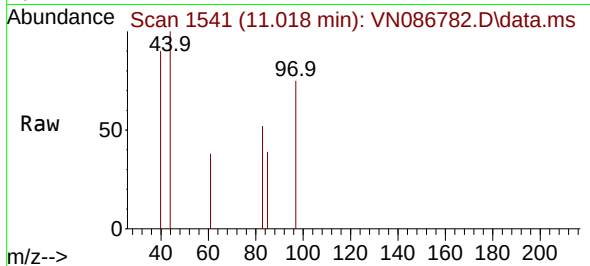




#55
1,1,2-Trichloroethane
Concen: 0.097 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

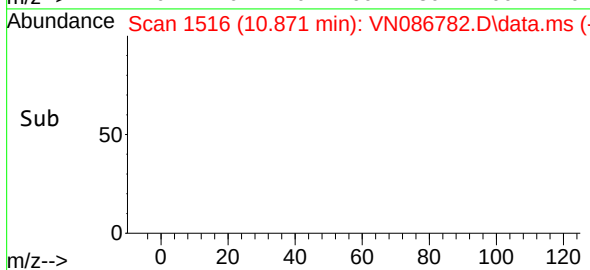
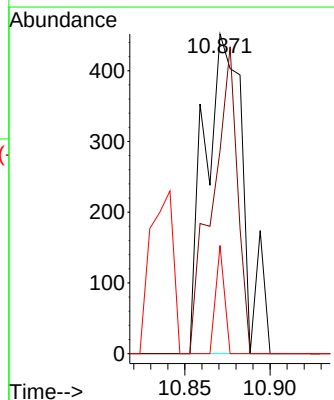
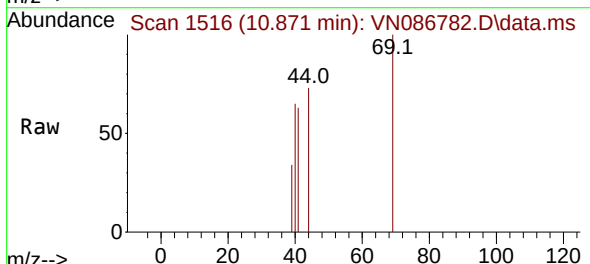
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

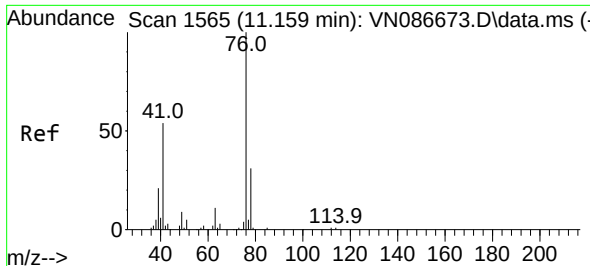
Tgt Ion:	97	Resp:	270
Ion	Ratio	Lower	Upper
97	100		
83	68.8	70.4	105.6#
85	51.9	46.1	69.1
99	0.0	52.3	78.5#



#56
Ethyl methacrylate
Concen: 0.159 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:	69	Resp:	711
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.4	71.0
39	7.6	24.0	36.0#





#57

1,3-Dichloropropane

Concen: 0.156 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

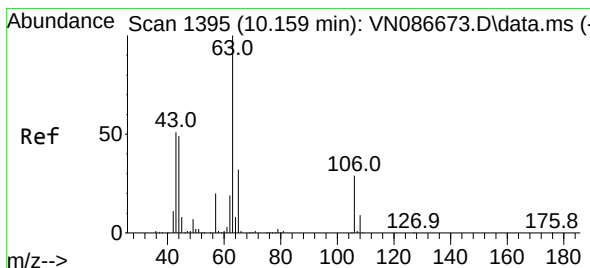
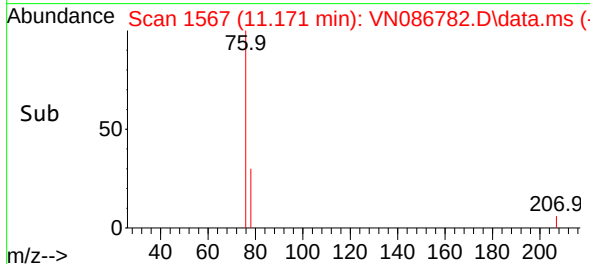
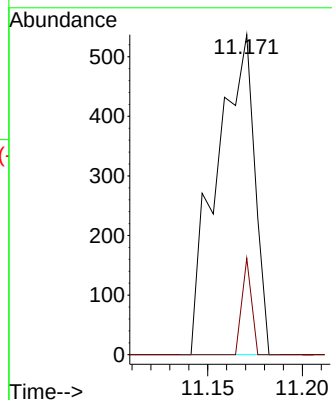
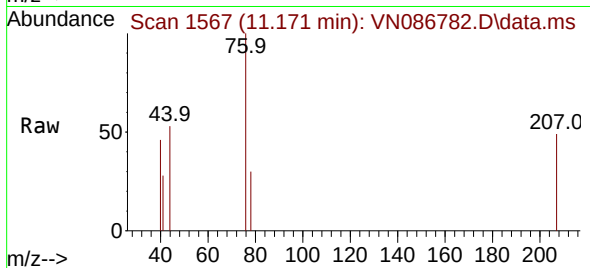
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 749

Ion Ratio Lower Upper

76 100

78 7.6 25.8 38.8#



#58

2-Chloroethyl Vinyl ether

Concen: 0.569 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086782.D

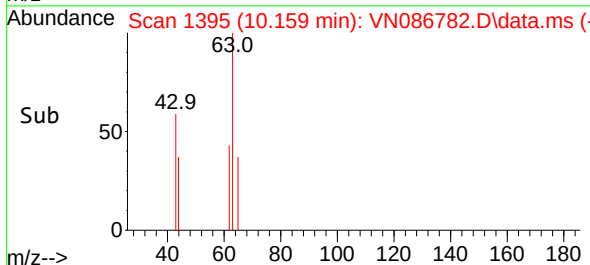
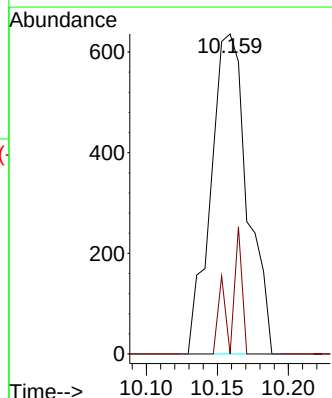
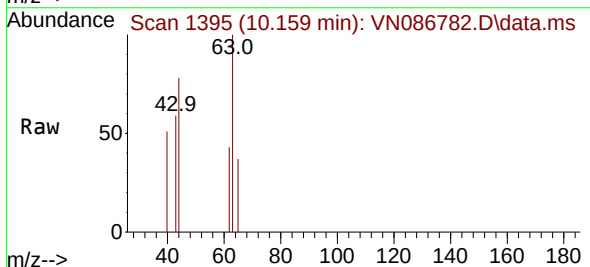
Acq: 27 May 2025 14:08

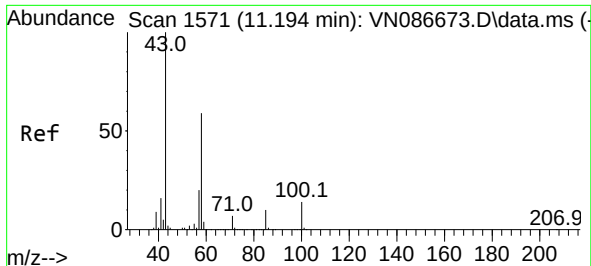
Tgt Ion: 63 Resp: 1140

Ion Ratio Lower Upper

63 100

106 12.6 23.1 34.7#

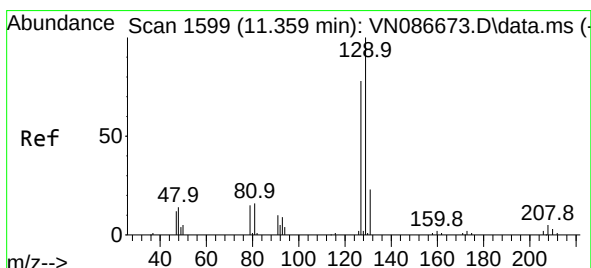
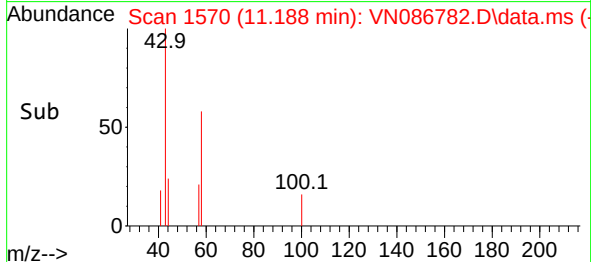
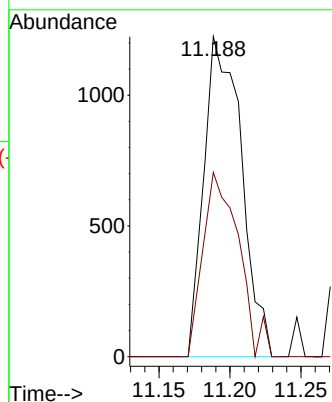
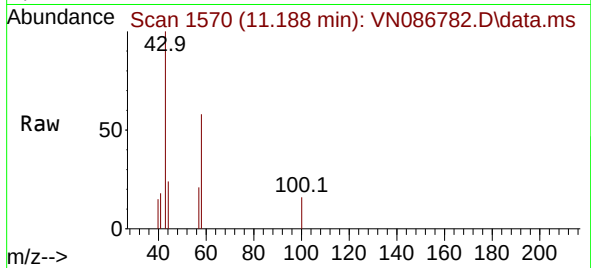




#59
2-Hexanone
Concen: 0.815 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

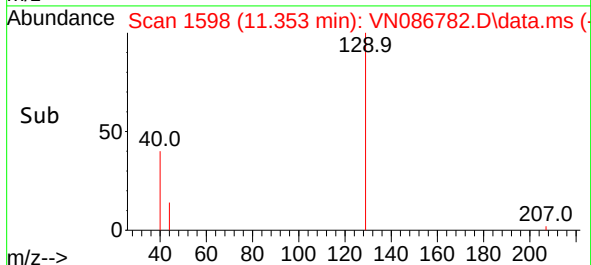
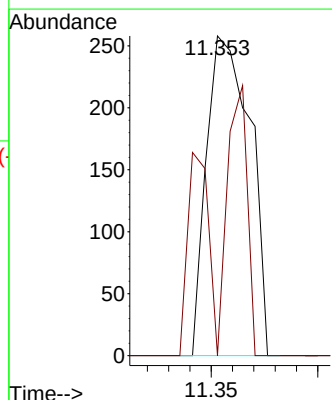
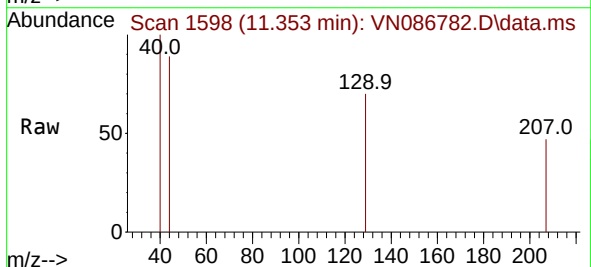
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

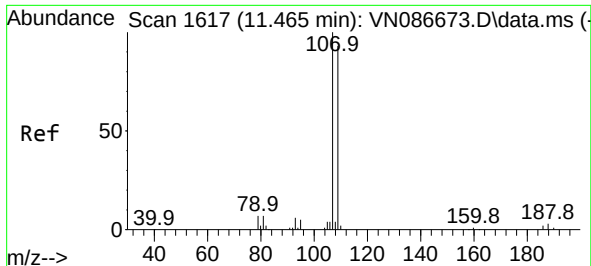
Tgt Ion: 43 Resp: 2245
Ion Ratio Lower Upper
43 100
58 54.9 29.8 89.5



#60
Dibromochloromethane
Concen: 0.125 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 129 Resp: 367
Ion Ratio Lower Upper
129 100
127 38.4 39.5 118.3#

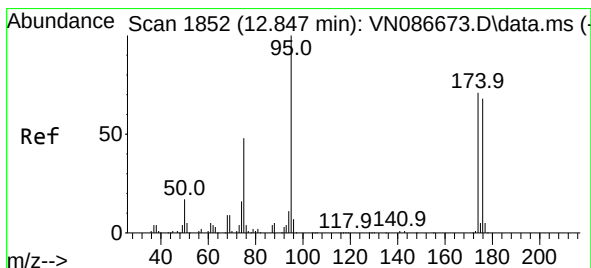
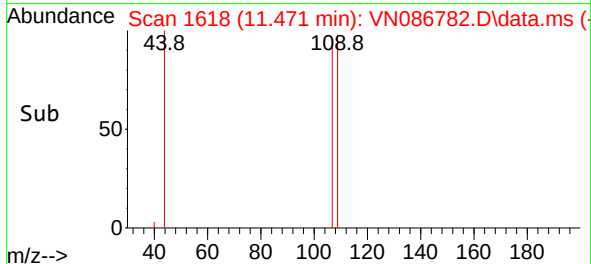
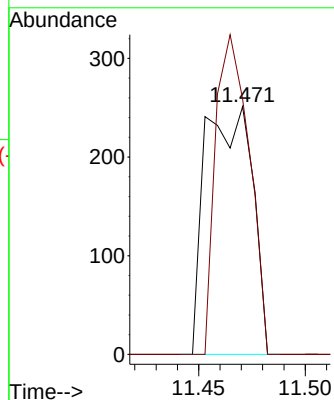
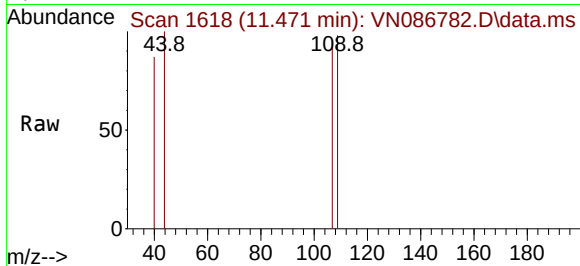




#61
1,2-Dibromoethane
Concen: 0.138 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

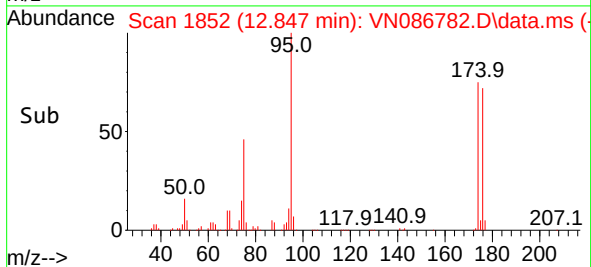
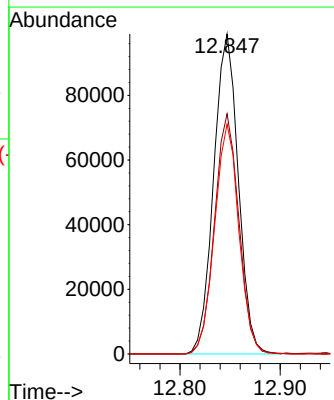
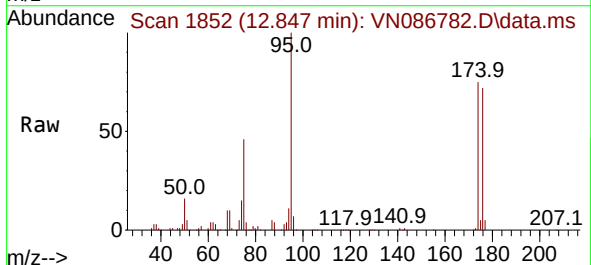
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

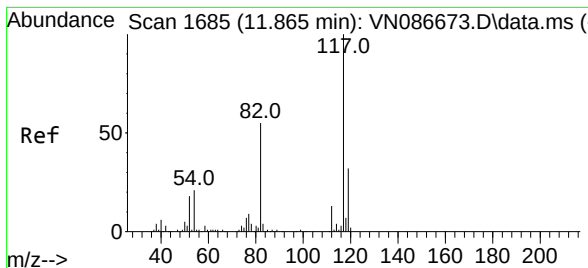
Tgt Ion:107 Resp: 387
Ion Ratio Lower Upper
107 100
109 92.0 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 46.073 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 95 Resp: 168739
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.4
176 71.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

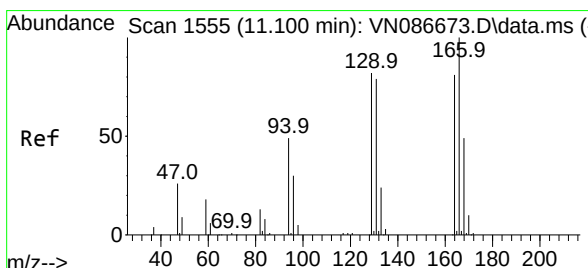
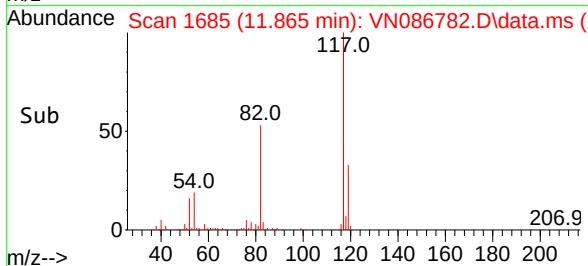
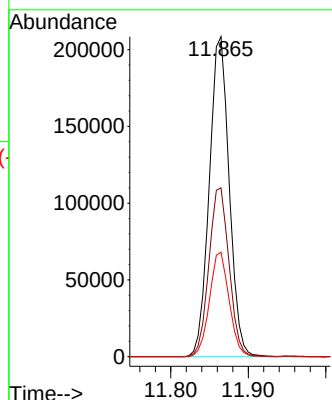
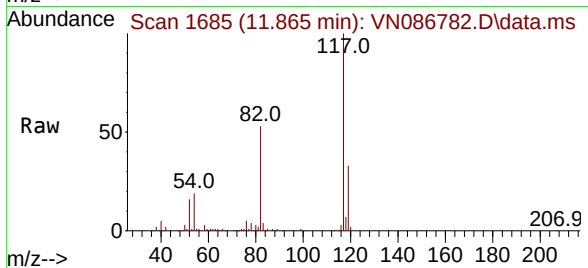
Tgt Ion:117 Resp: 372159

Ion Ratio Lower Upper

117 100

82 52.8 44.2 66.2

119 32.7 25.4 38.2



#64

Tetrachloroethene

Concen: 0.196 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Tgt Ion:164 Resp: 559

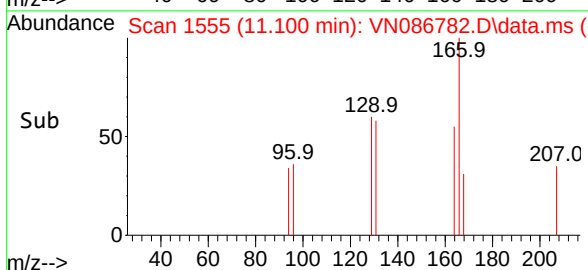
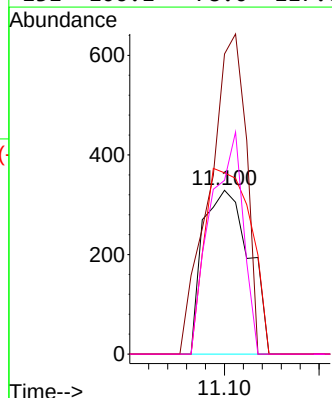
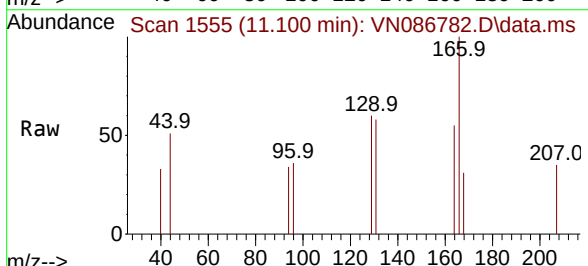
Ion Ratio Lower Upper

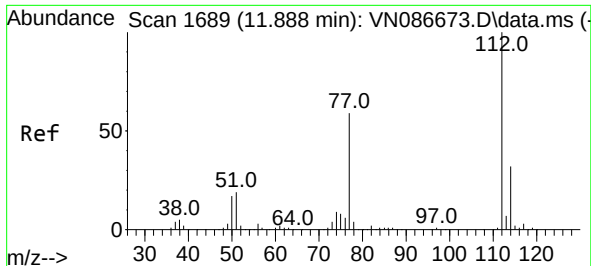
164 100

166 183.3 98.2 147.4#

129 110.6 81.0 121.4

131 106.1 78.0 117.0

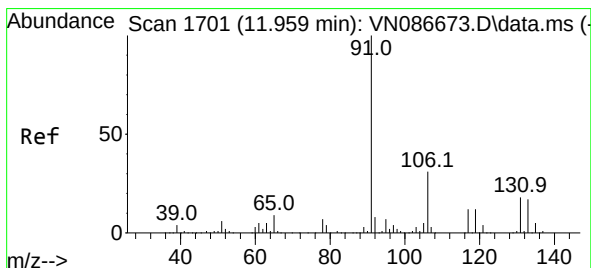
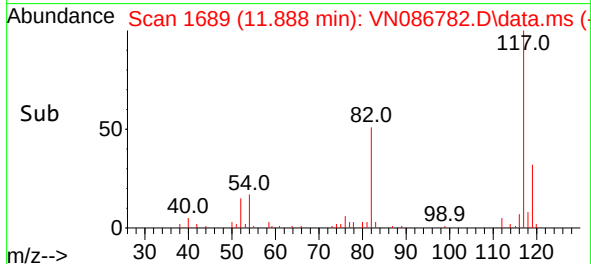
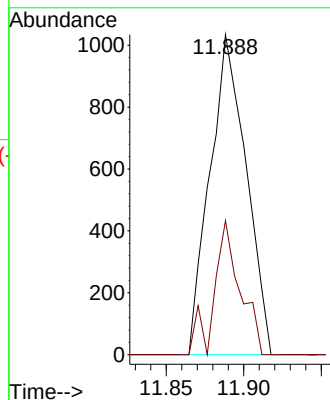
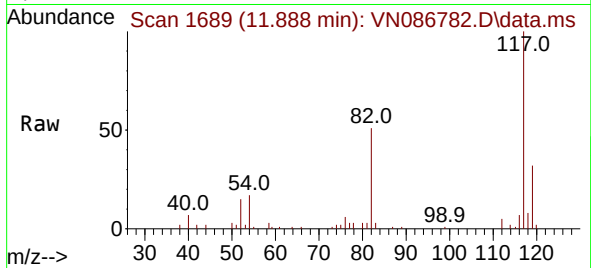




#65
Chlorobenzene
Concen: 0.206 ug/l
RT: 11.888 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

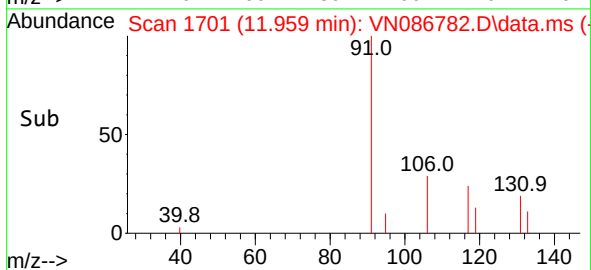
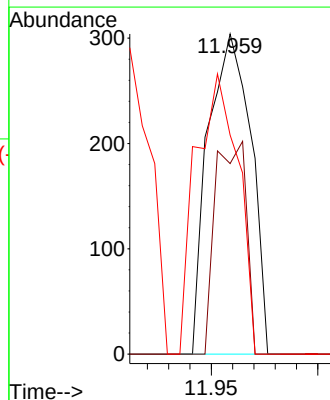
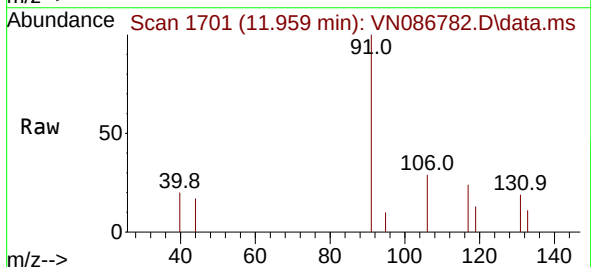
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

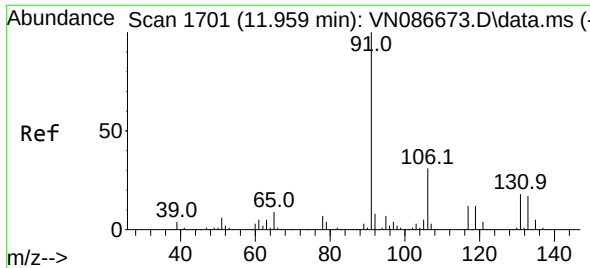
Tgt Ion:112 Resp: 1681
Ion Ratio Lower Upper
112 100
114 41.9 25.9 38.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.161 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:131 Resp: 423
Ion Ratio Lower Upper
131 100
133 48.0 47.9 143.7
119 0.0 33.6 100.8#

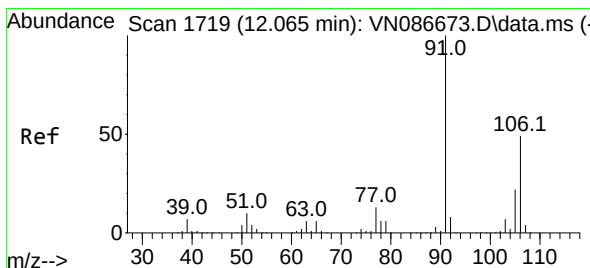
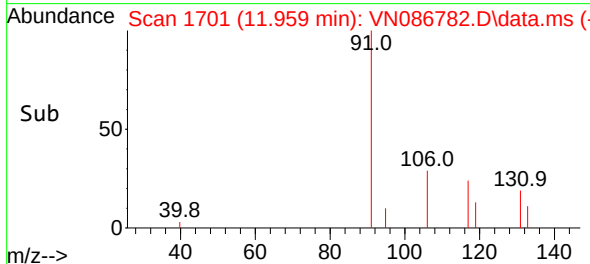
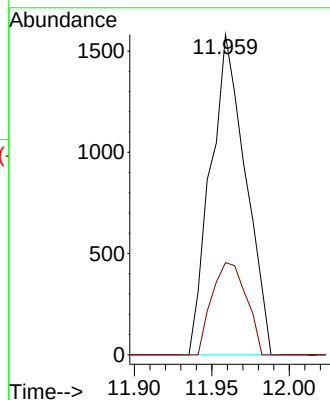
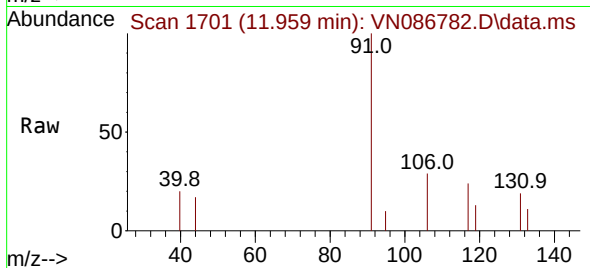




#67
Ethyl Benzene
Concen: 0.178 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

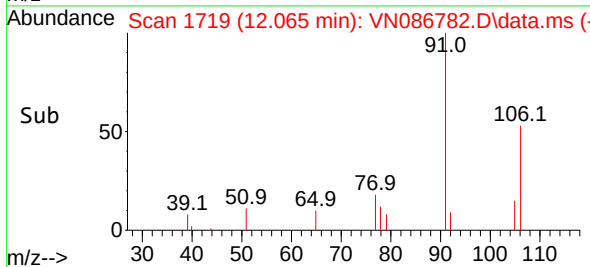
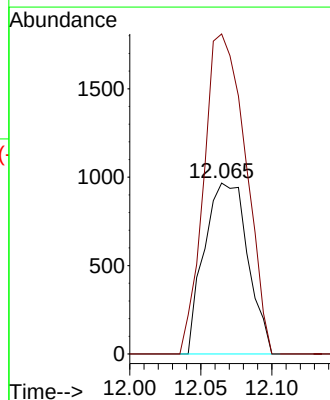
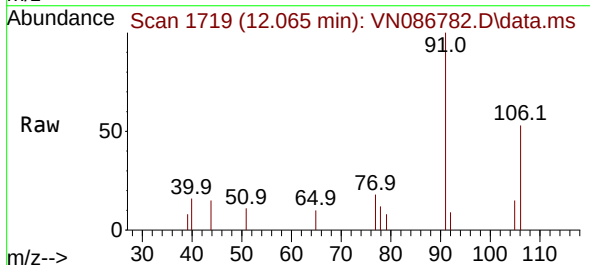
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

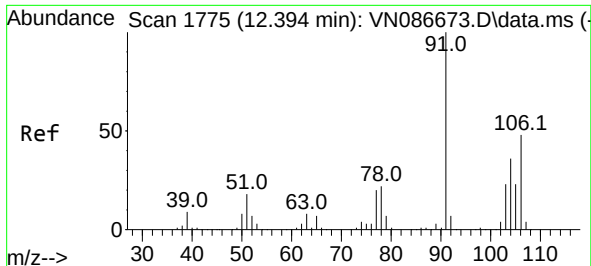
Tgt Ion: 91 Resp: 2485
Ion Ratio Lower Upper
91 100
106 28.8 24.6 36.8



#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 180.0 162.4 243.6

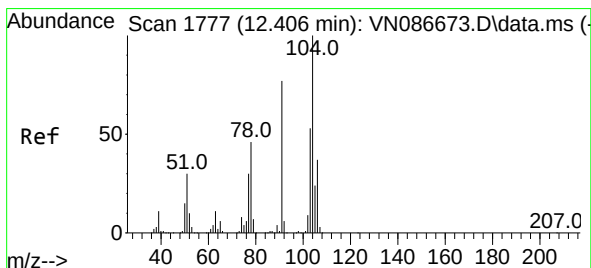
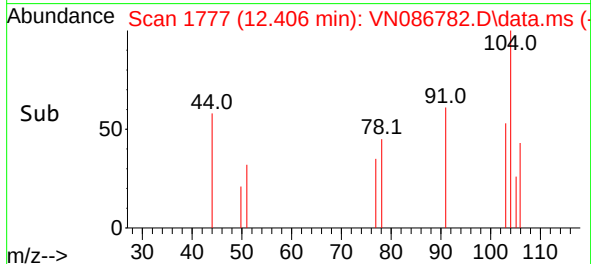
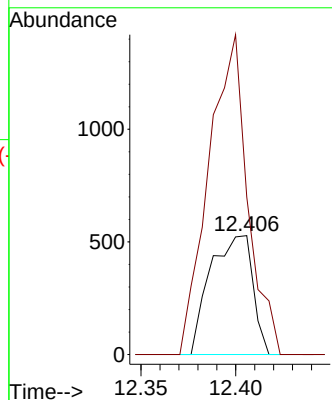
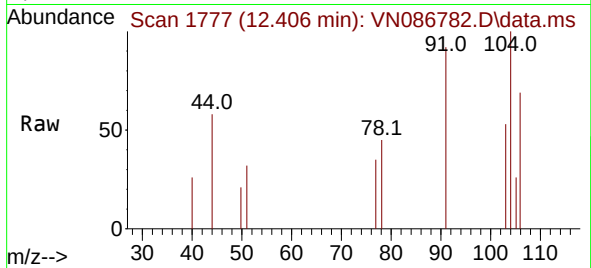




#69
o-Xylene
Concen: 0.157 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

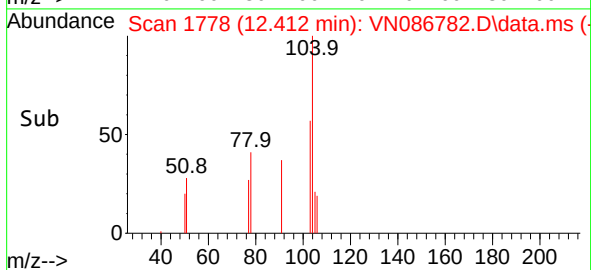
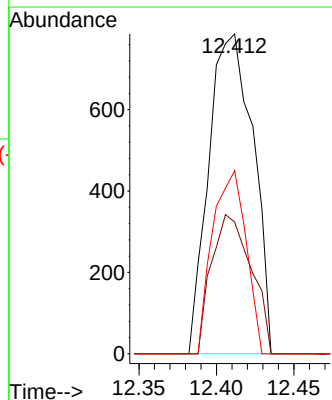
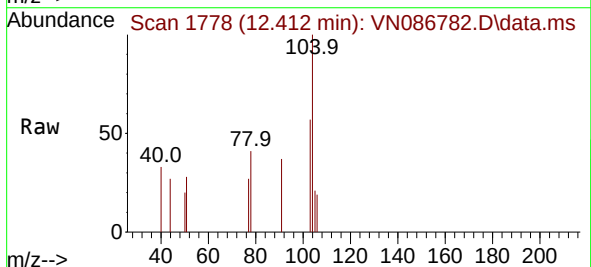
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

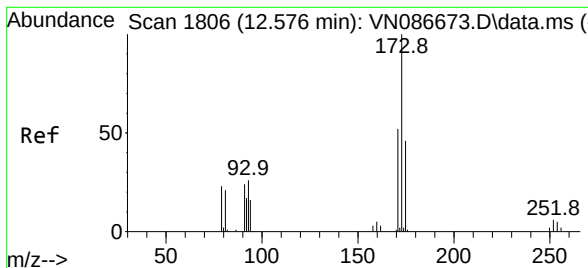
Tgt Ion:106 Resp: 824
Ion Ratio Lower Upper
106 100
91 247.0 105.1 315.1



#70
Styrene
Concen: 0.181 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:104 Resp: 1561
Ion Ratio Lower Upper
104 100
78 39.1 39.0 58.6
103 43.3 43.8 65.8#





#71

Bromoform

Concen: 0.153 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

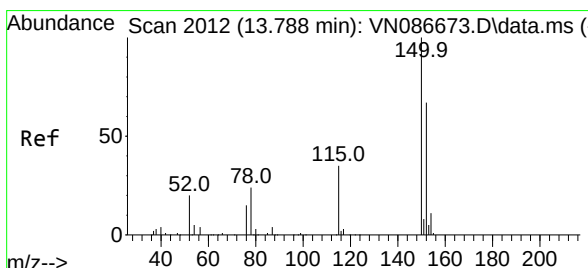
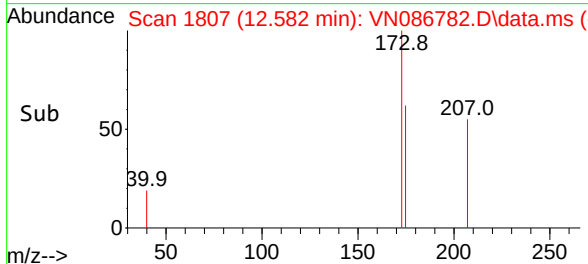
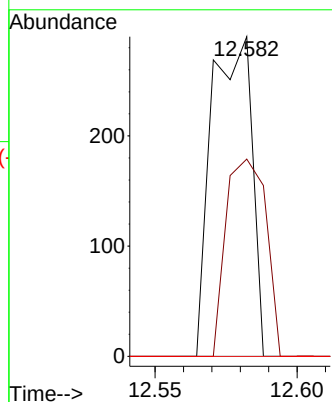
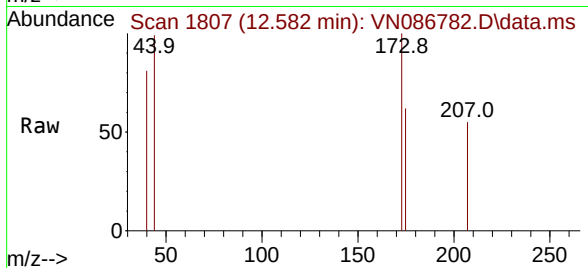
Tgt Ion:173 Resp: 286

Ion Ratio Lower Upper

173 100

175 0.0 23.4 70.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

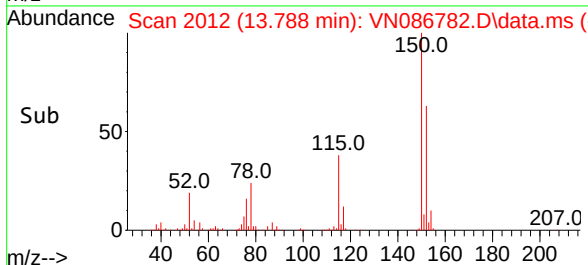
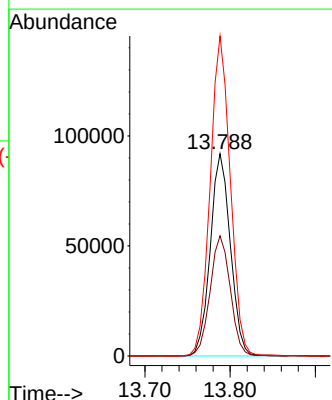
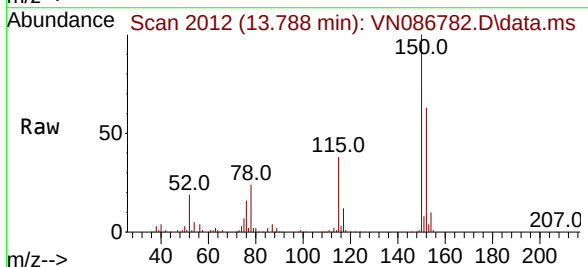
Tgt Ion:152 Resp: 150633

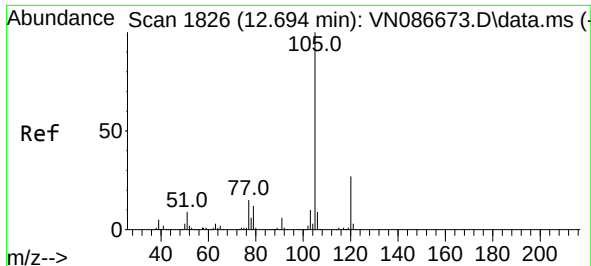
Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.1

150 158.7 0.0 347.8

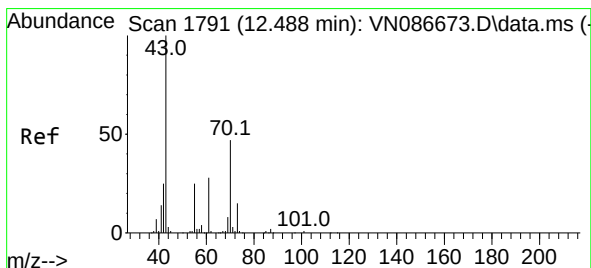
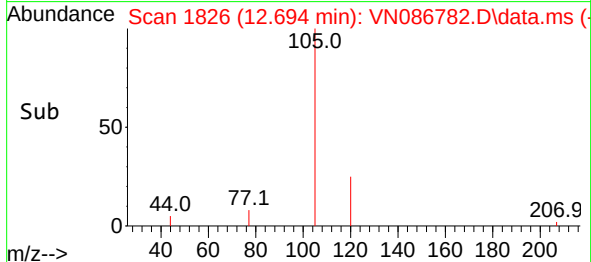
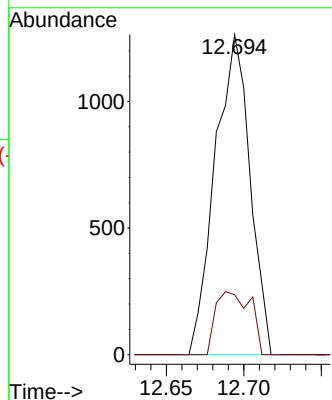
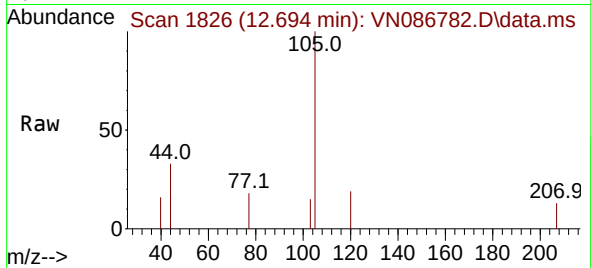




#73
Isopropylbenzene
Concen: 0.170 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

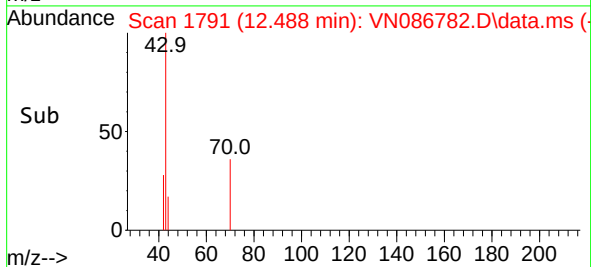
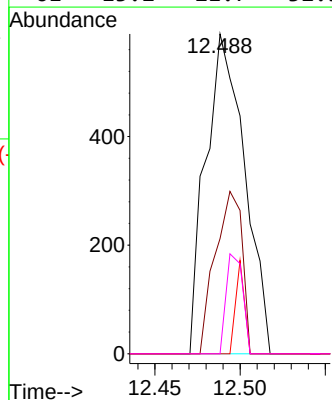
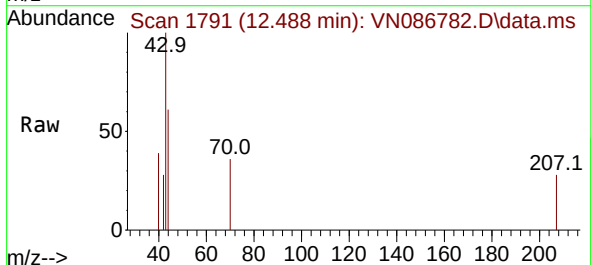
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

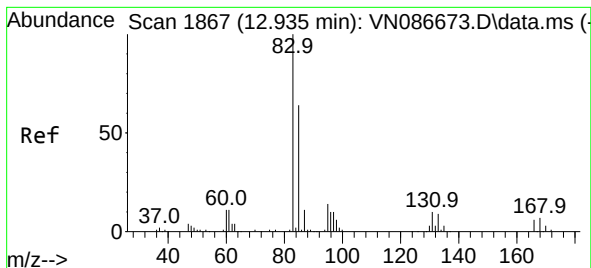
Tgt Ion:105 Resp: 1976
Ion Ratio Lower Upper
105 100
120 19.7 13.4 40.1



#74
N-ethyl acetate
Concen: 0.192 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
70 35.0 37.9 56.9#
55 6.5 20.5 30.7#
61 13.2 21.7 32.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.100 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

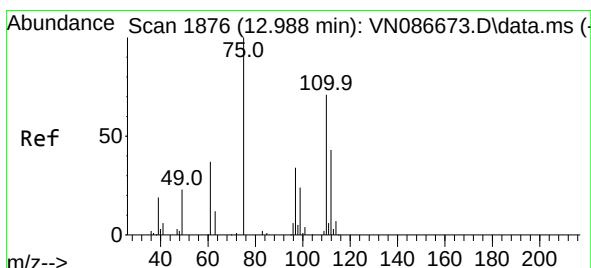
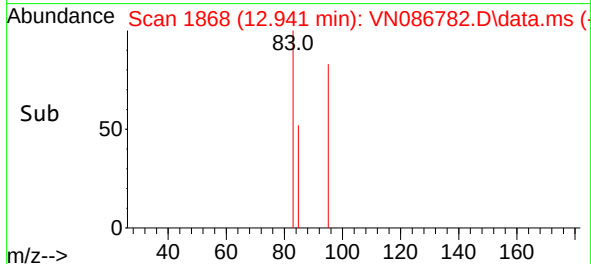
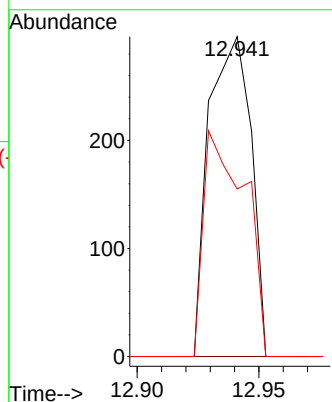
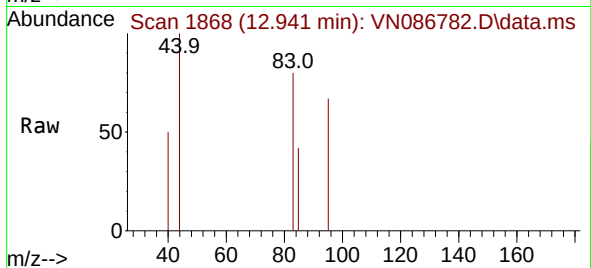
Tgt Ion: 83 Resp: 356

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 69.9 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 23.218 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086782.D

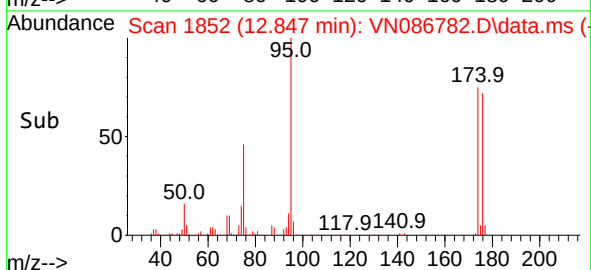
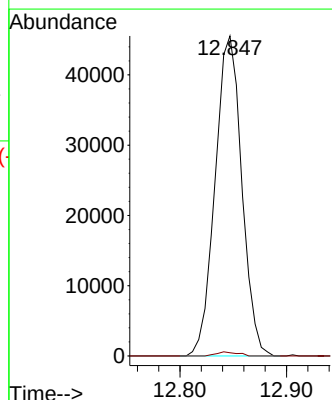
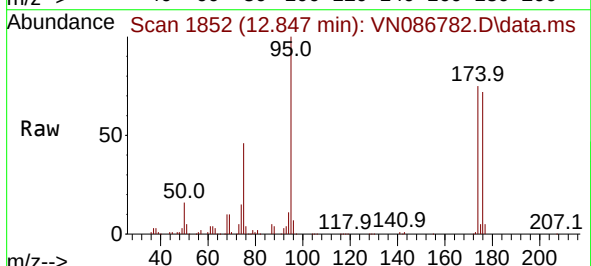
Acq: 27 May 2025 14:08

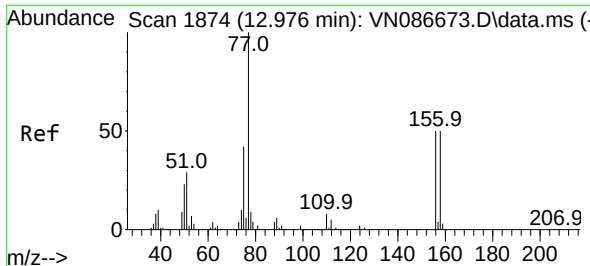
Tgt Ion: 75 Resp: 79096

Ion Ratio Lower Upper

75 100

77 1.0 96.0 288.1#

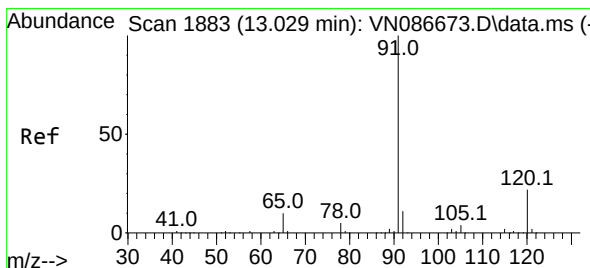
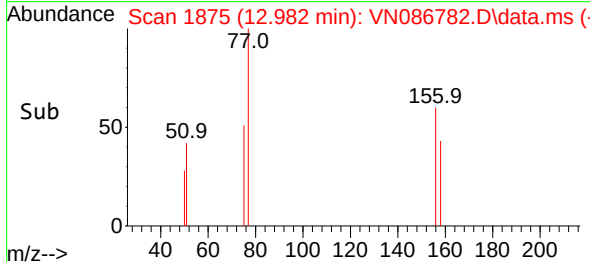
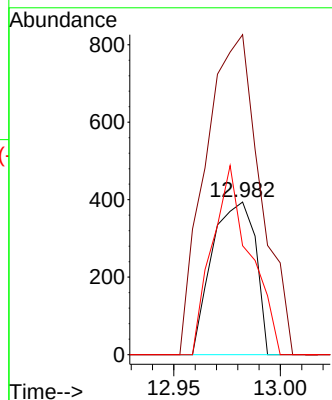
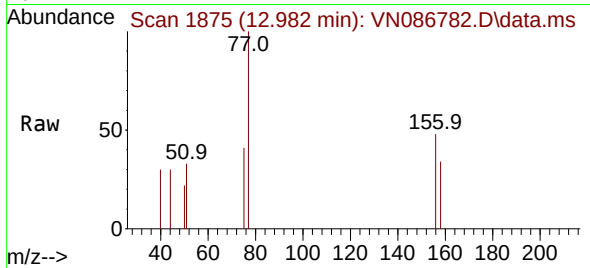




#77
Bromobenzene
Concen: 0.191 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

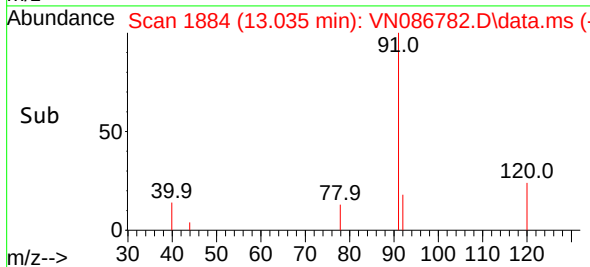
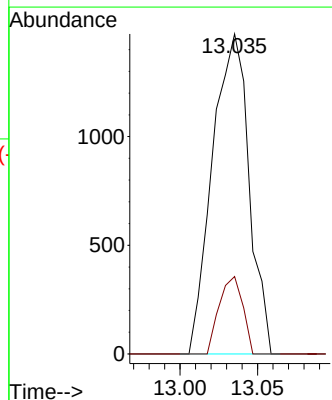
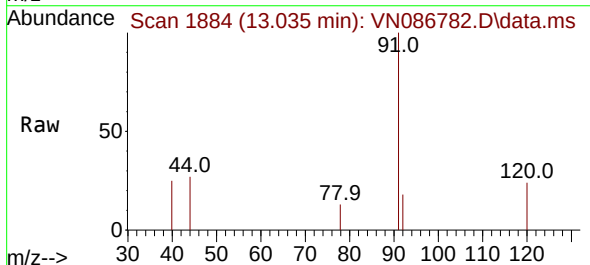
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

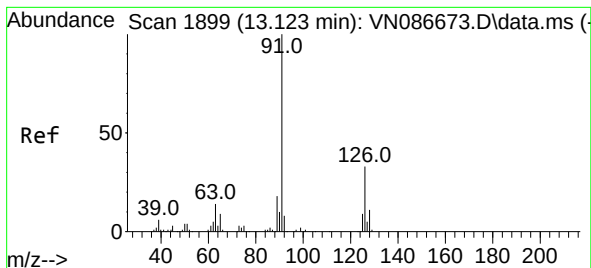
Tgt Ion:156 Resp: 558
Ion Ratio Lower Upper
156 100
77 264.7 113.1 339.2
158 108.6 48.6 145.9



#78
n-propylbenzene
Concen: 0.181 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 91 Resp: 2416
Ion Ratio Lower Upper
91 100
120 15.6 11.4 34.1





#79

2-Chlorotoluene

Concen: 0.183 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

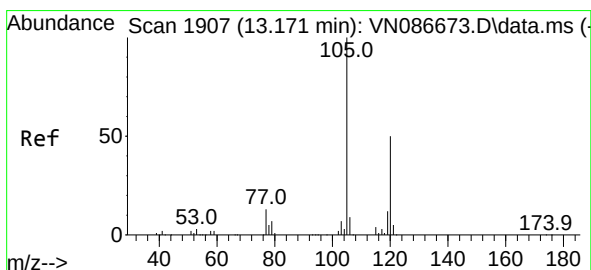
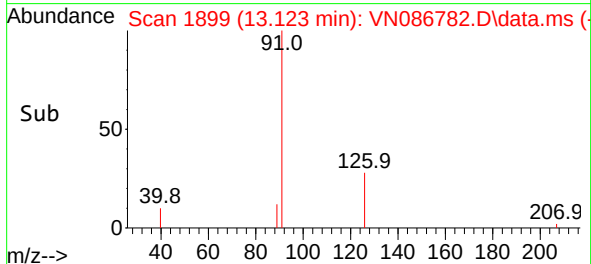
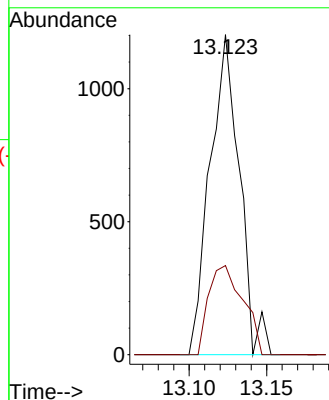
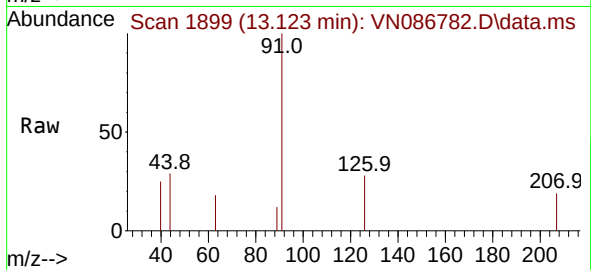
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 1588

Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 0.180 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086782.D

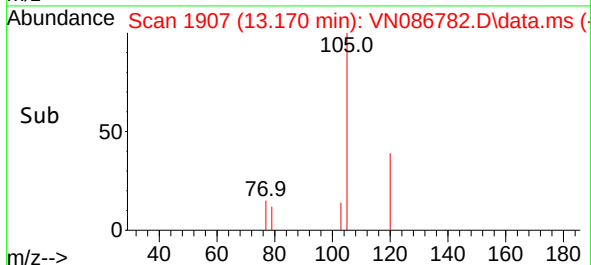
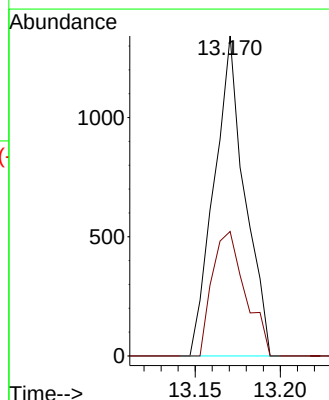
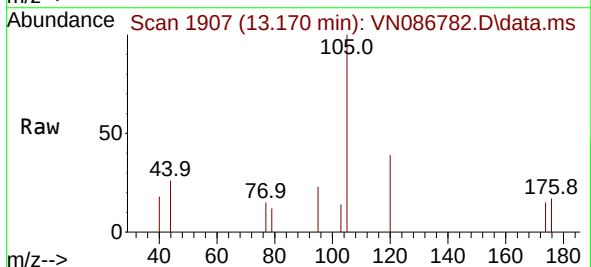
Acq: 27 May 2025 14:08

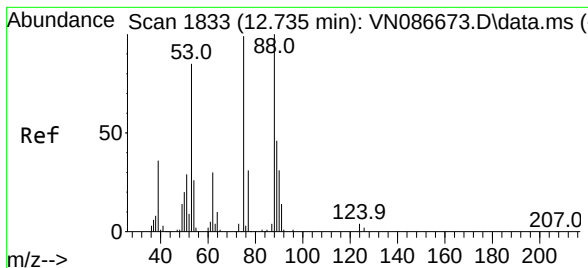
Tgt Ion: 105 Resp: 1676

Ion Ratio Lower Upper

105 100

120 42.2 24.9 74.6

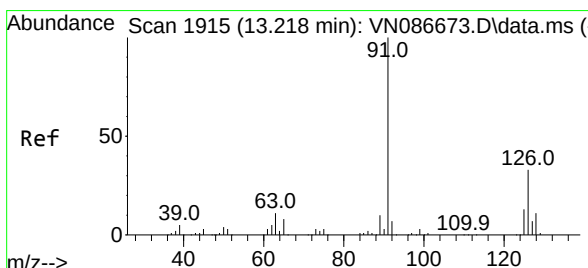
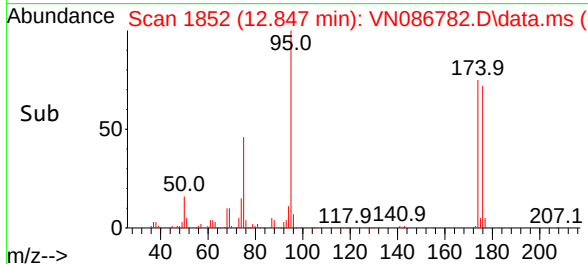
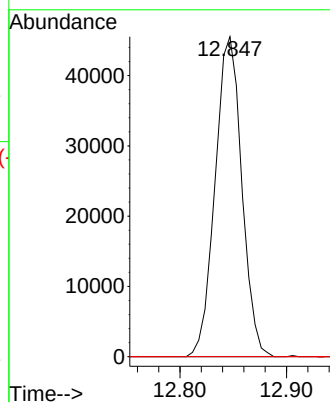
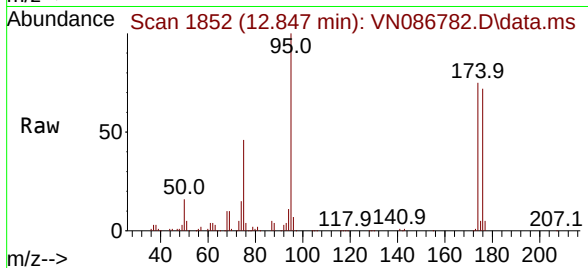




#81
trans-1,4-Dichloro-2-butene
Concen: 58.594 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

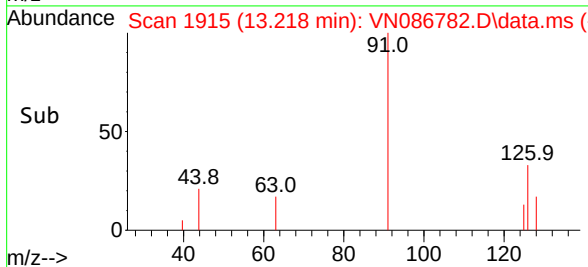
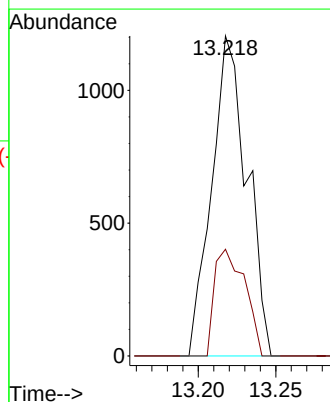
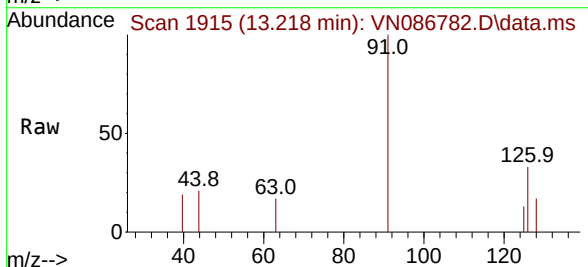
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

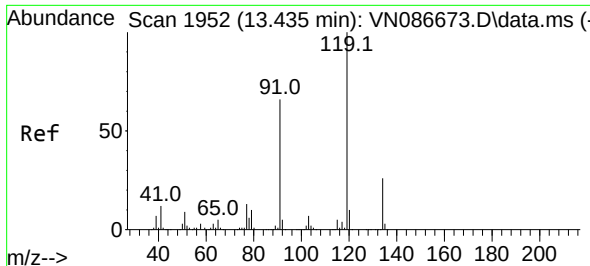
Tgt Ion: 75 Resp: 79096
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 32.4 48.6#



#82
4-Chlorotoluene
Concen: 0.222 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion: 91 Resp: 1906
Ion Ratio Lower Upper
91 100
126 28.8 17.0 50.9

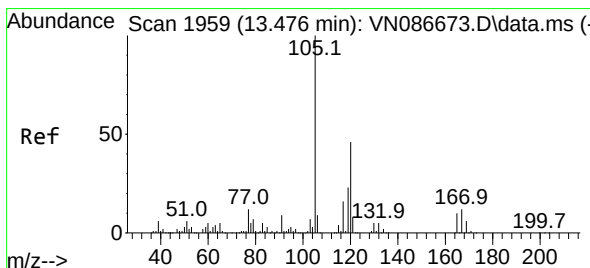
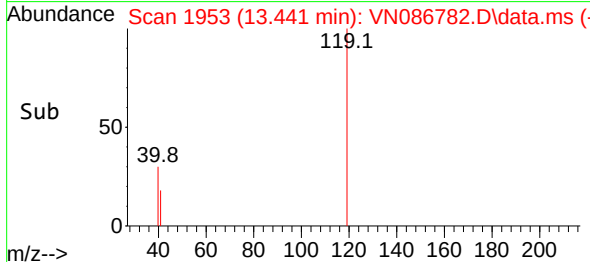
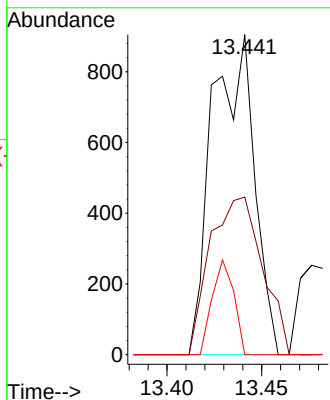
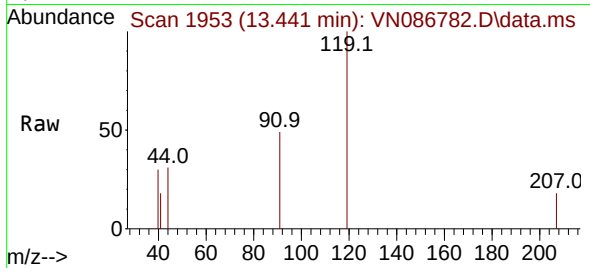




#83
tert-Butylbenzene
Concen: 0.172 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

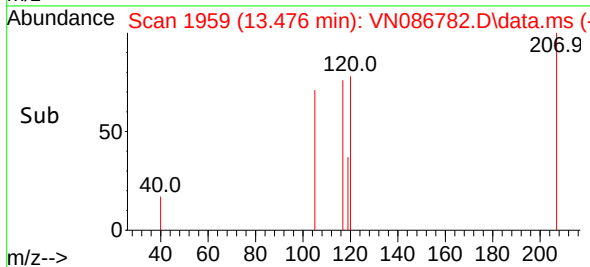
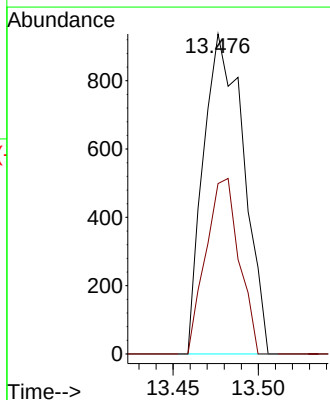
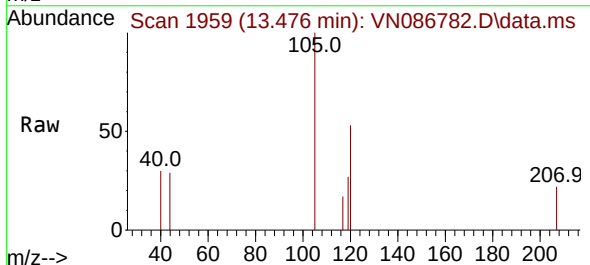
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

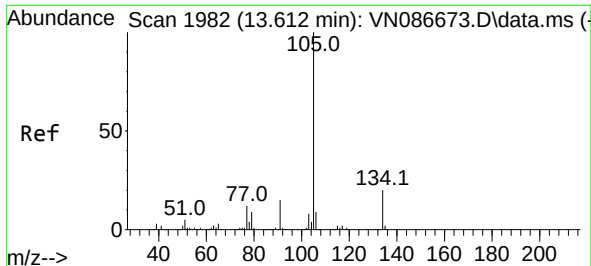
Tgt Ion:	119	Resp:	1398
Ion	Ratio	Lower	Upper
119	100		
91	61.3	32.9	98.7
134	15.2	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 0.165 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:	105	Resp:	1533
Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.2	69.6

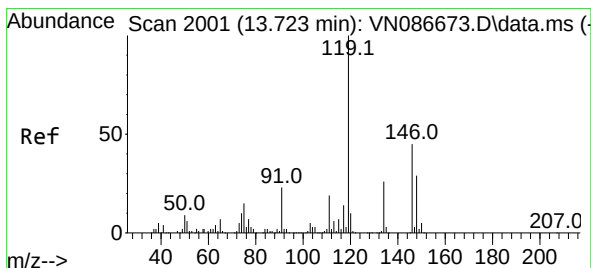
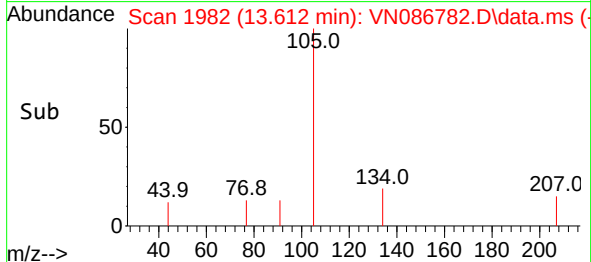
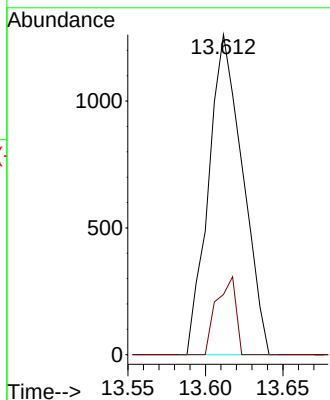
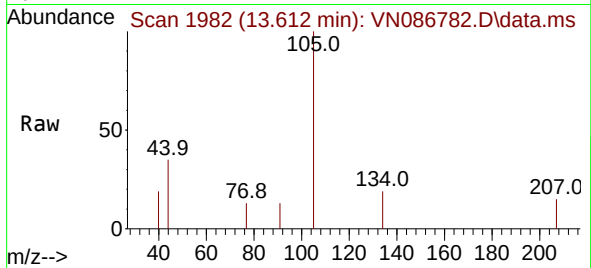




#85
 sec-Butylbenzene
 Concen: 0.177 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

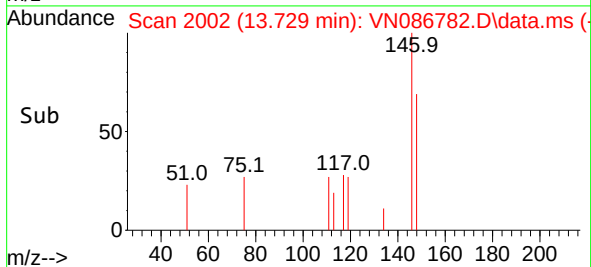
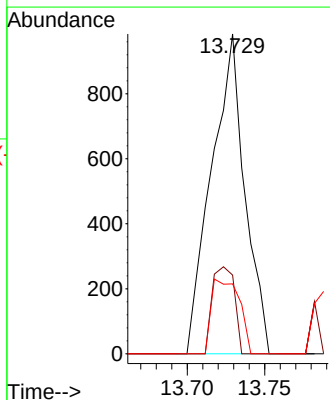
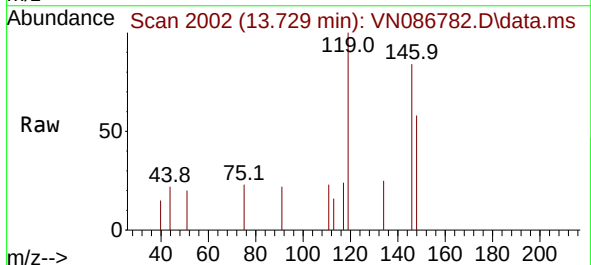
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

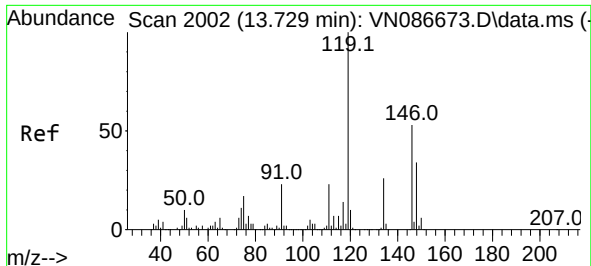
Tgt Ion:105 Resp: 1933
 Ion Ratio Lower Upper
 105 100
 134 13.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.165 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

Tgt Ion:119 Resp: 1470
 Ion Ratio Lower Upper
 119 100
 134 18.1 13.1 39.1
 91 19.5 11.5 34.5

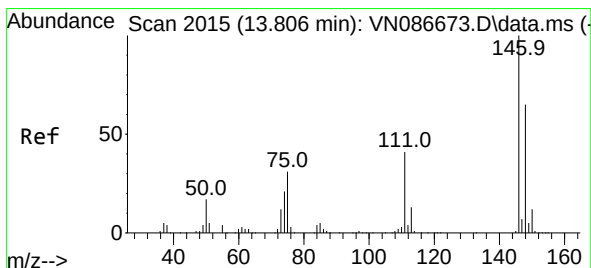
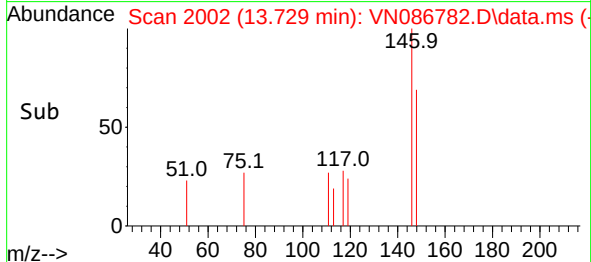
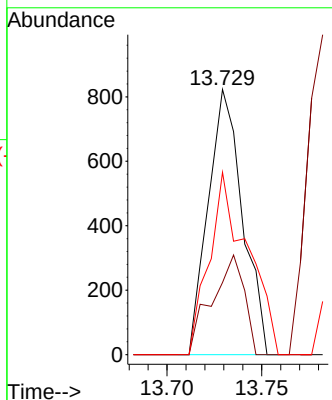
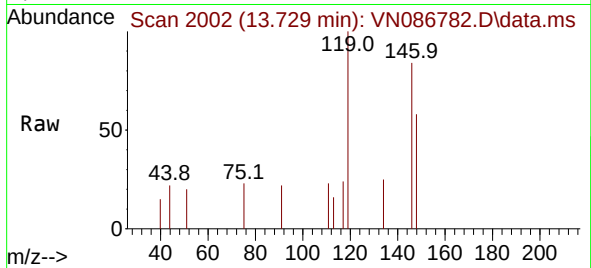




#87
1,3-Dichlorobenzene
Concen: 0.205 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

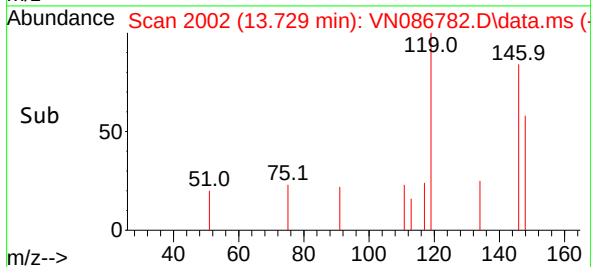
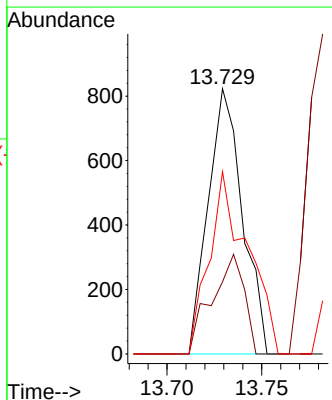
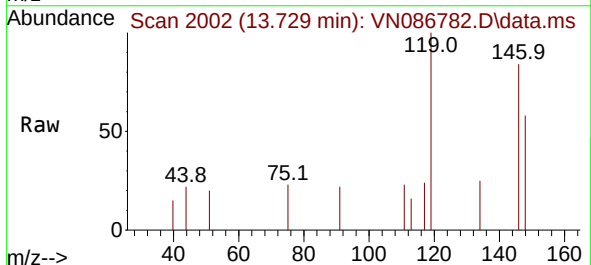
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

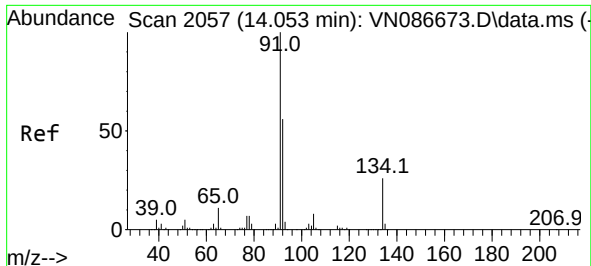
Tgt Ion:146	Resp:	1039
Ion	Ratio	Lower Upper
146	100	
111	35.2	20.9 62.7
148	76.5	31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 0.207 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.077 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Tgt Ion:146	Resp:	1039
Ion	Ratio	Lower Upper
146	100	
111	35.2	20.6 61.8
148	76.5	32.0 96.0





#89

n-Butylbenzene

Concen: 0.193 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN086782.D

Acq: 27 May 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

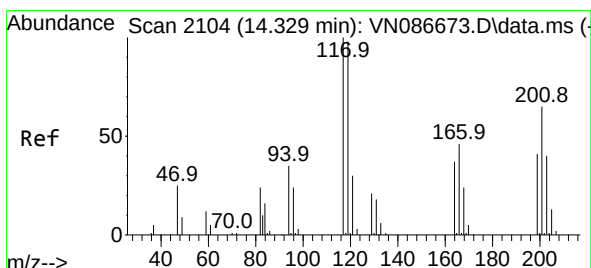
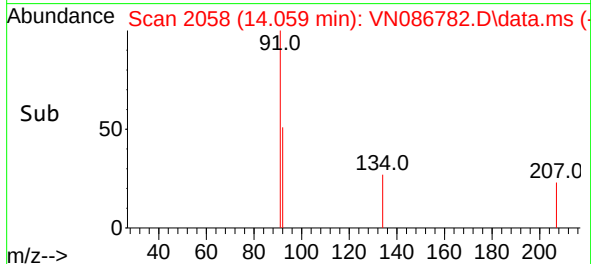
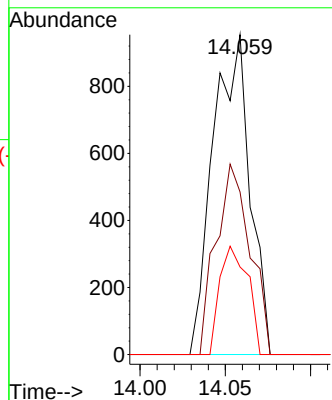
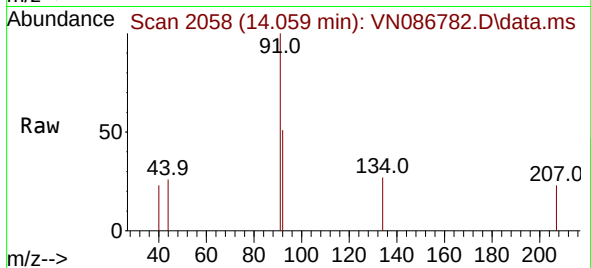
Tgt Ion: 91 Resp: 1433

Ion Ratio Lower Upper

91 100

92 55.5 27.4 82.0

134 25.8 12.8 38.4



#90

Hexachloroethane

Concen: 0.161 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086782.D

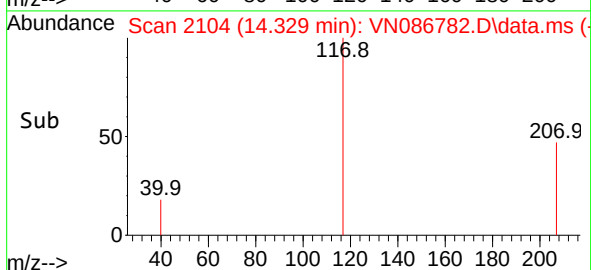
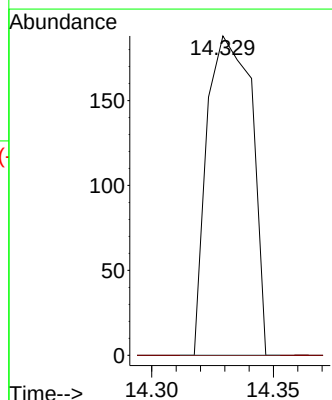
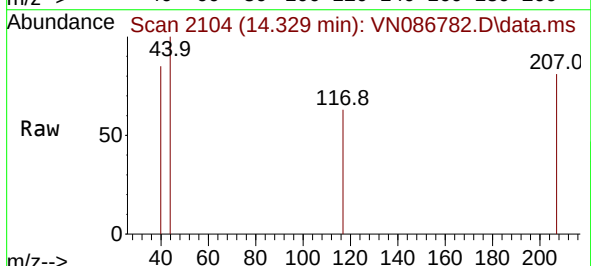
Acq: 27 May 2025 14:08

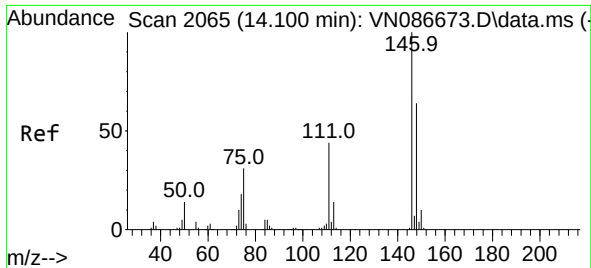
Tgt Ion: 117 Resp: 239

Ion Ratio Lower Upper

117 100

201 0.0 32.0 96.0#

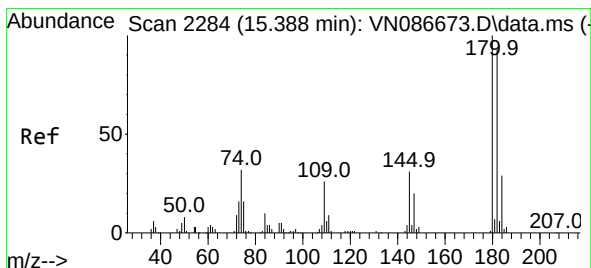
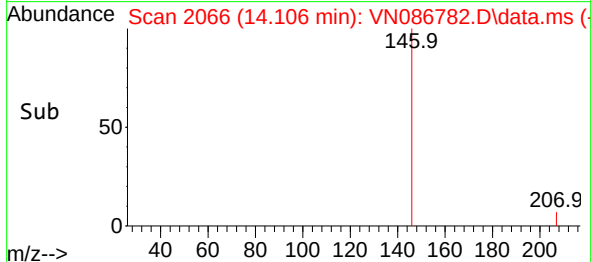
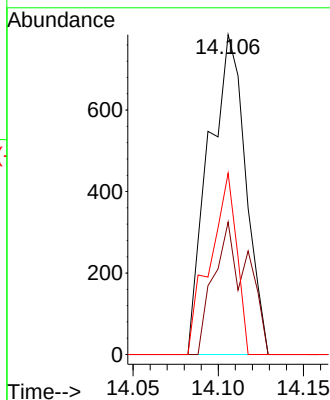
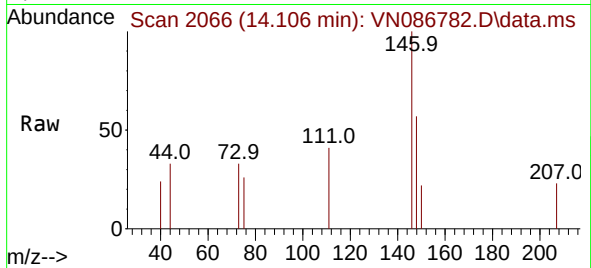




#91
1,2-Dichlorobenzene
Concen: 0.246 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

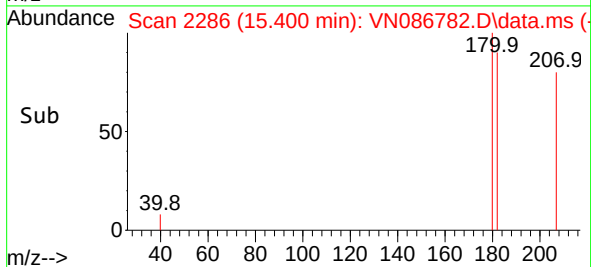
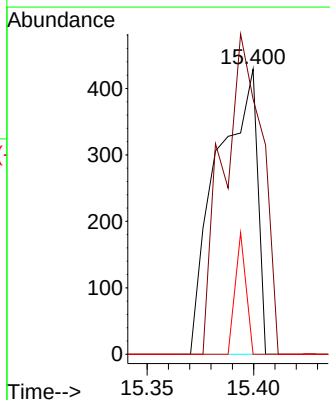
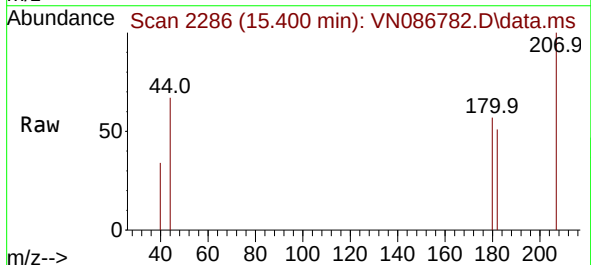
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

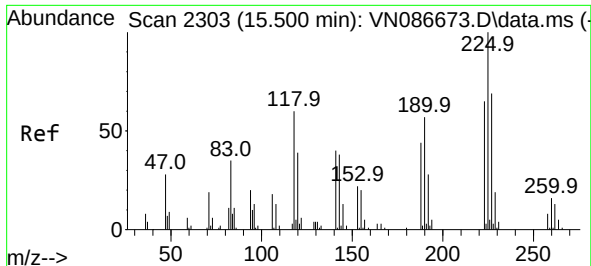
Tgt Ion:146	Resp:	1185
Ion	Ratio	Lower Upper
146	100	
111	37.8	21.6 65.0
148	41.1	31.7 95.1



#93
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.012 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

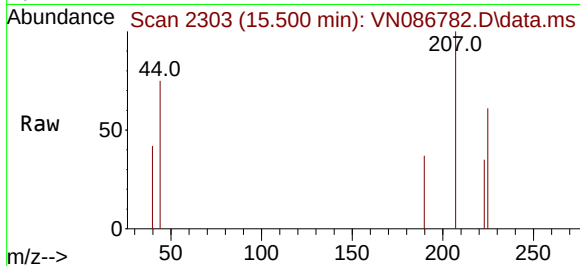
Tgt Ion:180	Resp:	560
Ion	Ratio	Lower Upper
180	100	
182	110.2	47.1 141.3
145	11.6	15.6 46.8



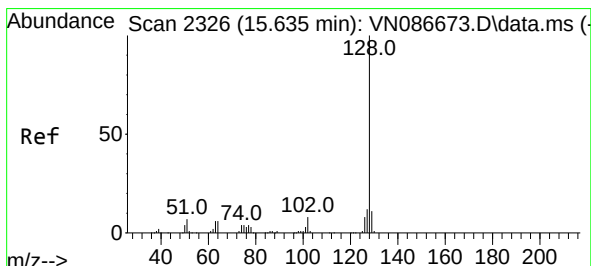
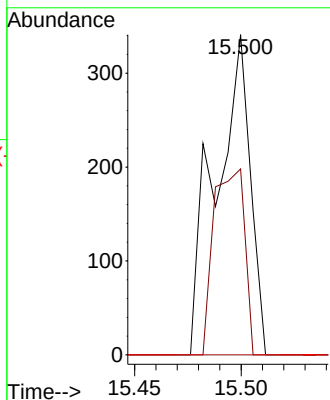
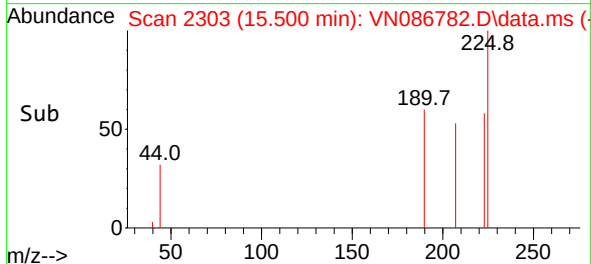


#94
Hexachlorobutadiene
Concen: 0.457 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

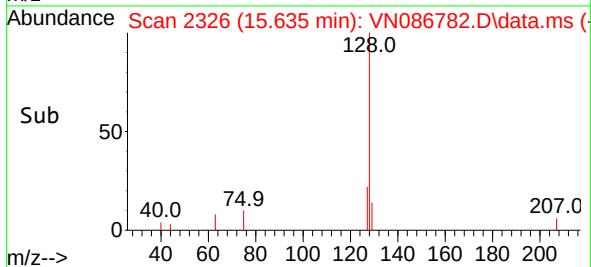
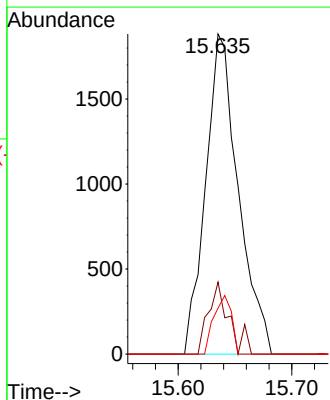
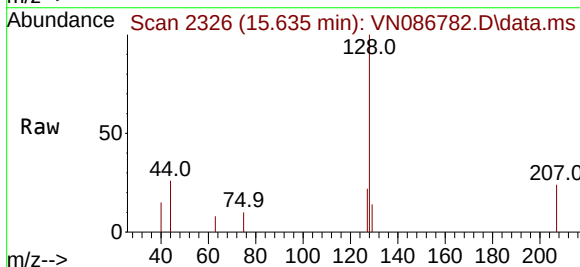


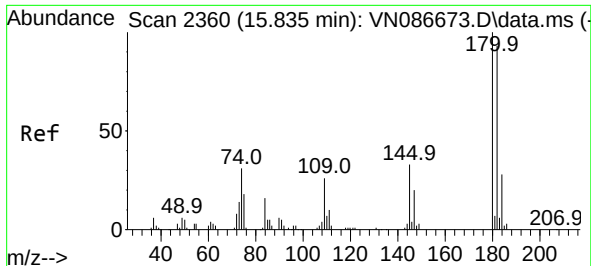
Tgt Ion:225 Resp: 386
Ion Ratio Lower Upper
225 100
223 51.3 32.9 98.6
227 0.0 32.4 97.2#



#95
Naphthalene
Concen: 0.532 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086782.D
Acq: 27 May 2025 14:08

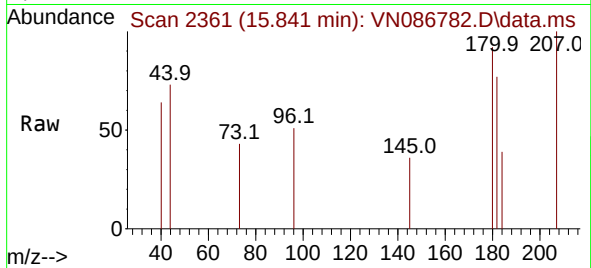
Tgt Ion:128 Resp: 3758
Ion Ratio Lower Upper
128 100
127 14.2 10.1 15.1
129 9.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.283 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086782.D
 Acq: 27 May 2025 14:08

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion:180	Resp:	563
Ion	Ratio	Lower Upper
180	100	
182	110.5	47.0 141.2
145	9.4	16.7 50.1#

