

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086142.D
 Acq On : 28 Mar 2025 11:43
 Operator : JC\MD
 Sample : VN0328WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

Quant Time: Mar 28 23:37:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131033	57.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.940%	
35) Dibromofluoromethane	8.165	113	115817	53.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.920%	
50) Toluene-d8	10.565	98	373518	47.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.847	95	116277	41.852	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 83.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	1621	0.735	ug/l	85
3) Chloromethane	2.359	50	1735	0.897	ug/l	89
4) Vinyl Chloride	2.506	62	1327	0.671	ug/l	93
5) Bromomethane	2.971	94	1403	1.042	ug/l	86
6) Chloroethane	3.118	64	520	0.417	ug/l #	70
7) Trichlorofluoromethane	3.495	101	2004	0.564	ug/l #	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	921	0.488	ug/l #	53
12) 1,1-Dichloroethene	4.342	96	836	0.490	ug/l #	55
16) Acetone	4.442	43	878	1.261	ug/l	97
17) Carbon Disulfide	4.706	76	3973	0.708	ug/l #	74
18) Methyl Acetate	5.048	43	1289	0.748	ug/l #	52
19) Methyl tert-butyl Ether	5.800	73	2048	0.366	ug/l #	56
20) Methylene Chloride	5.277	84	1190	0.584	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	889	0.477	ug/l #	88
24) 1,1-Dichloroethane	6.583	63	2104	0.631	ug/l #	81
25) 2-Butanone	7.500	43	838	0.834	ug/l #	40
27) cis-1,2-Dichloroethene	7.489	96	750	0.354	ug/l	90
28) Bromochloromethane	7.806	49	654	0.463	ug/l #	54
30) Chloroform	7.959	83	2092	0.568	ug/l	96
31) Cyclohexane	8.218	56	4702	1.655	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	1805	0.517	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	13645	4.828	ug/l #	49
37) Ethyl Acetate	7.500	43	838	0.351	ug/l #	1
38) Carbon Tetrachloride	8.359	117	1856	0.499	ug/l #	84
39) Methylcyclohexane	9.600	83	1046	0.373	ug/l #	84
40) Benzene	8.600	78	4214	0.475	ug/l #	90
42) 1,2-Dichloroethane	8.659	62	1574	0.509	ug/l #	74
43) Isopropyl Acetate	8.706	43	5996	1.160	ug/l #	50
44) Trichloroethene	9.359	130	964	0.419	ug/l	67
45) 1,2-Dichloropropane	9.612	63	920	0.456	ug/l	90
47) Bromodichloromethane	9.882	83	1310	0.395	ug/l #	77
48) Methyl methacrylate	9.600	41	852	0.500	ug/l #	33
51) 4-Methyl-2-Pentanone	10.447	43	1673	0.734	ug/l #	75
52) Toluene	10.635	92	2589	0.475	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	1206	0.374	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	1282	0.377	ug/l	96

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

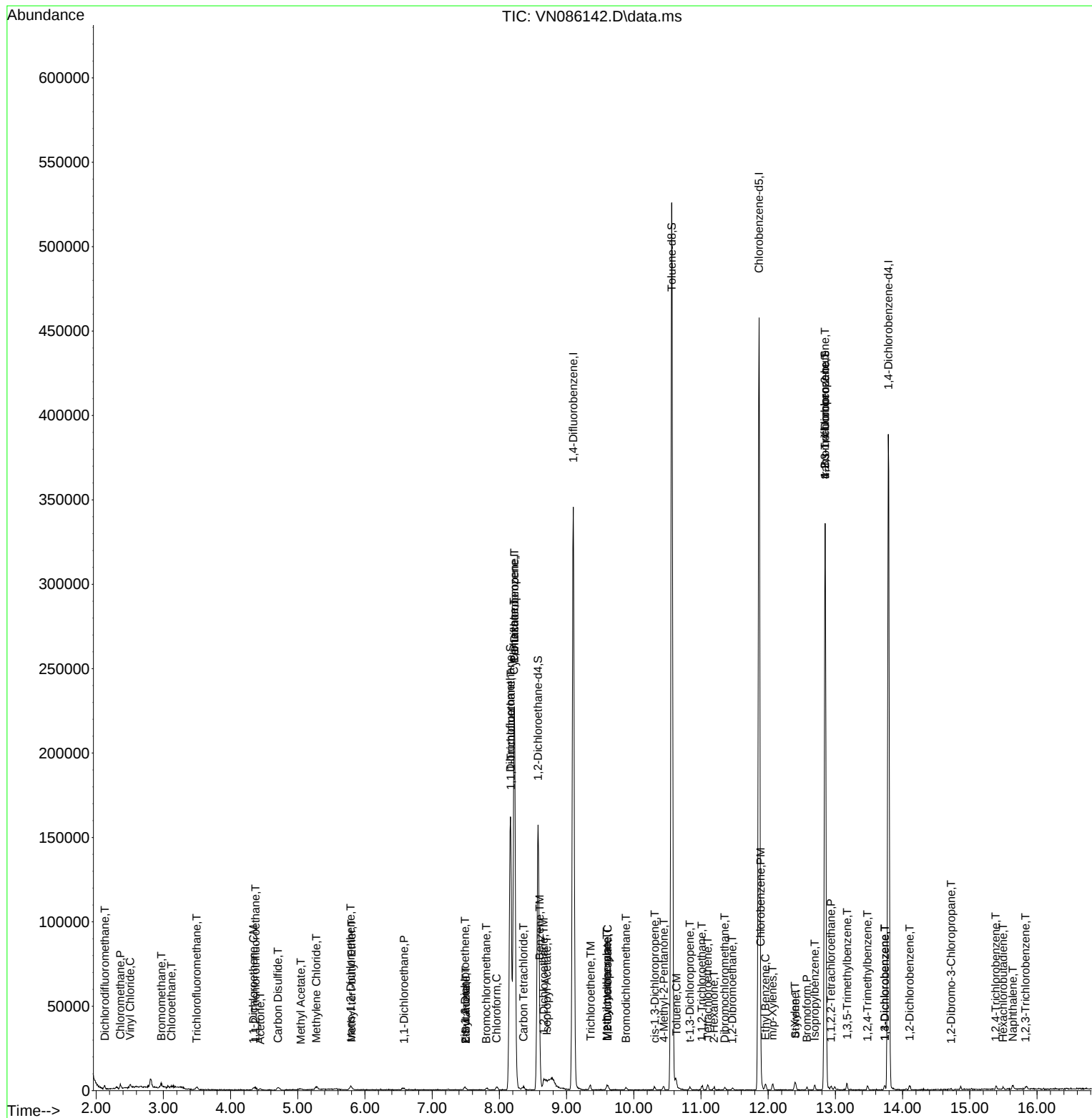
55) 1,1,2-Trichloroethane	11.012	97	1081	0.520	ug/l #	78
59) 2-Hexanone	11.194	43	1140	0.687	ug/l	79
60) Dibromochloromethane	11.353	129	1178	0.439	ug/l	94
61) 1,2-Dibromoethane	11.465	107	961	0.450	ug/l	86
64) Tetrachloroethene	11.100	164	826	0.383	ug/l #	69
65) Chlorobenzene	11.888	112	2755	0.446	ug/l	92
67) Ethyl Benzene	11.959	91	3620	0.366	ug/l	89
68) m/p-Xylenes	12.065	106	1357	0.349	ug/l	98
69) o-Xylene	12.400	106	1112	0.312	ug/l	98
70) Styrene	12.406	104	1678	0.275	ug/l	94
71) Bromoform	12.576	173	754	0.392	ug/l #	84
73) Isopropylbenzene	12.694	105	2331	0.307	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	1501	0.585	ug/l #	94
76) 1,2,3-Trichloropropane	12.847	75	59200	23.816	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.176	105	2315	0.362	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	59200	62.965	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.476	105	1993	0.309	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	1646	0.432	ug/l	82
88) 1,4-Dichlorobenzene	13.735	146	1646	0.411	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	1519	0.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	187	0.365	ug/l #	63
93) 1,2,4-Trichlorobenzene	15.388	180	969	0.509	ug/l #	85
94) Hexachlorobutadiene	15.494	225	506	0.458	ug/l #	72
95) Naphthalene	15.641	128	3197	0.580	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.829	180	480	0.266	ug/l #	13

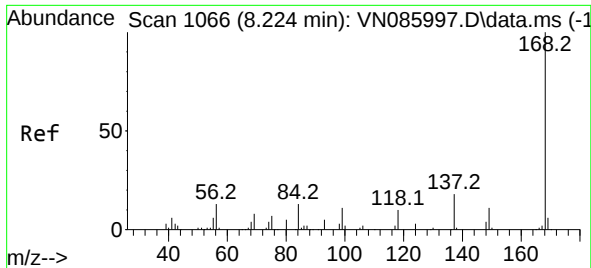
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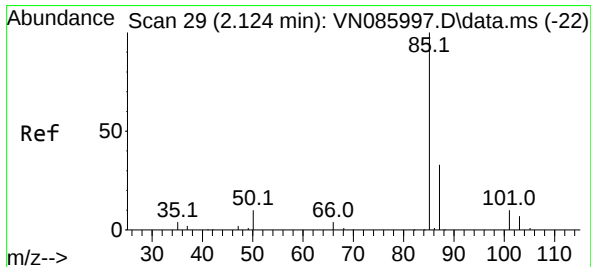
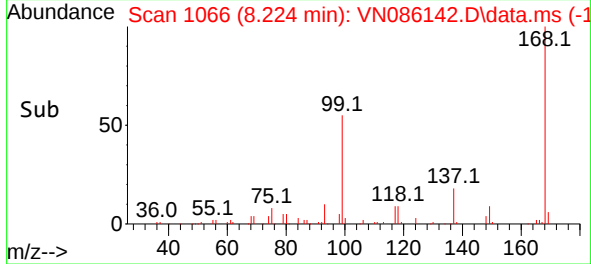
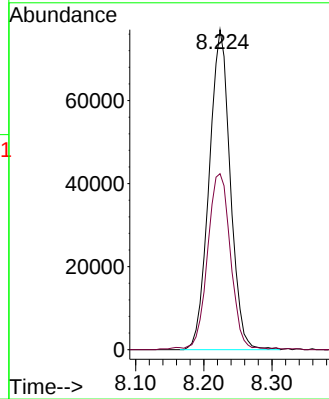
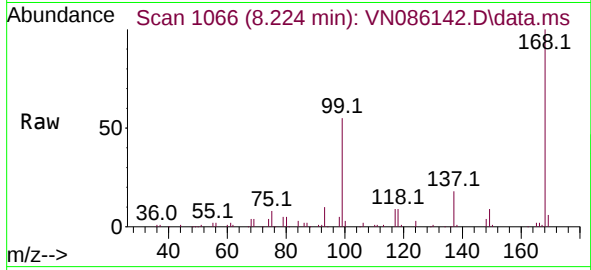




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086142.D
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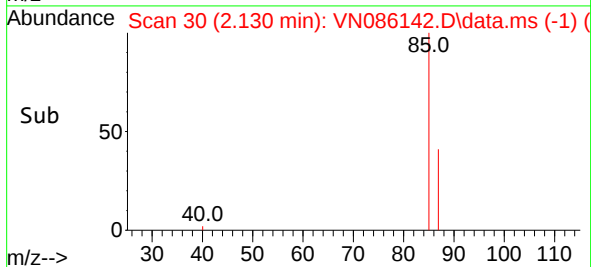
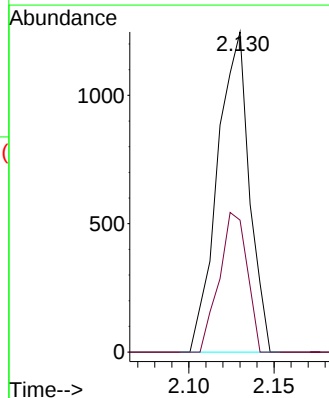
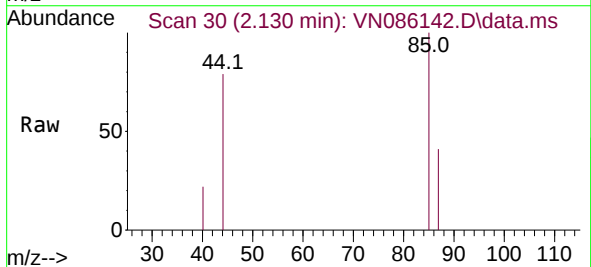
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MSVOA_N
ClientSampleId :
VN0328WBL01

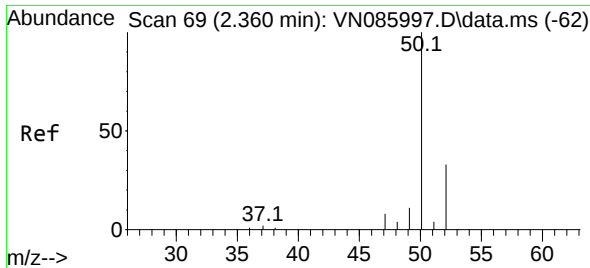
Tgt Ion:168 Resp: 166500
Ion Ratio Lower Upper
168 100
99 54.7 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 0.735 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 85 Resp: 1621
Ion Ratio Lower Upper
85 100
87 41.2 16.5 49.5

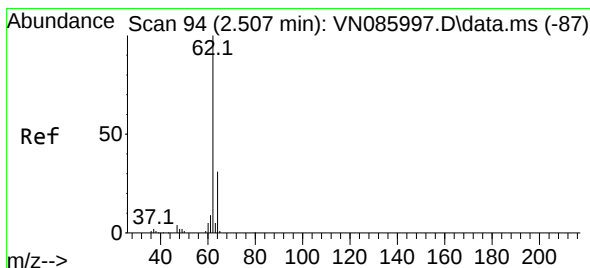
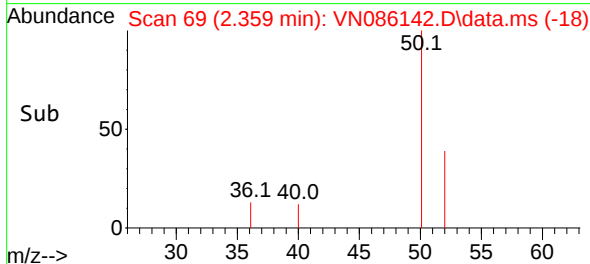
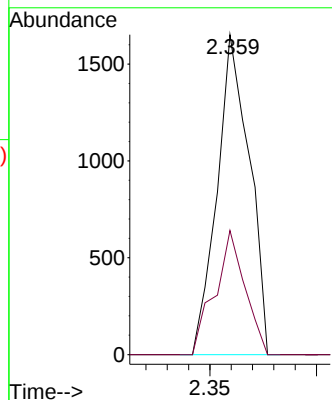
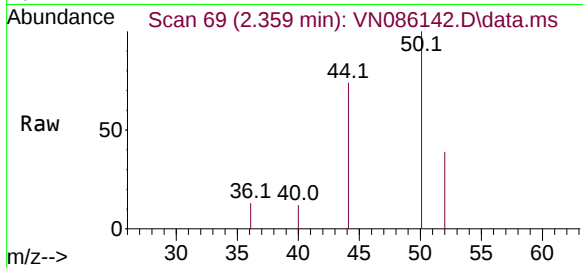




#3
Chloromethane
Concen: 0.897 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086142.D
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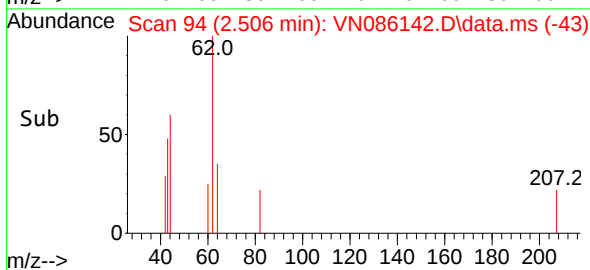
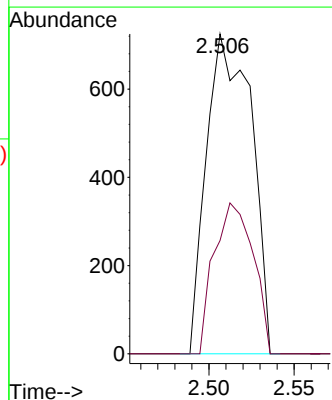
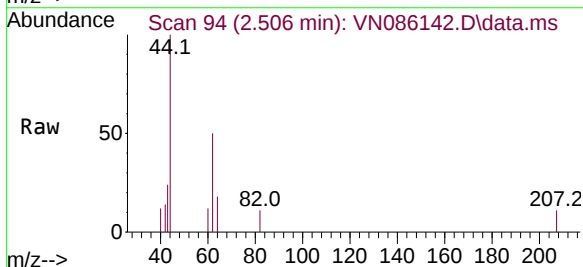
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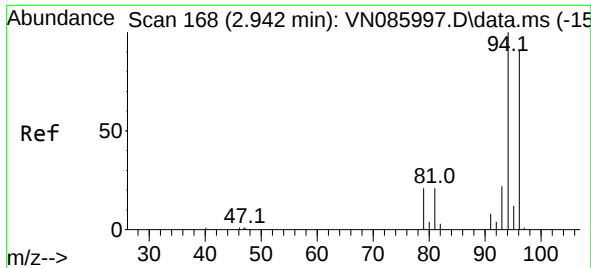
Tgt Ion: 50 Resp: 1735
Ion Ratio Lower Upper
50 100
52 38.8 26.0 39.0



#4
Vinyl Chloride
Concen: 0.671 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 62 Resp: 1327
Ion Ratio Lower Upper
62 100
64 35.4 25.2 37.8

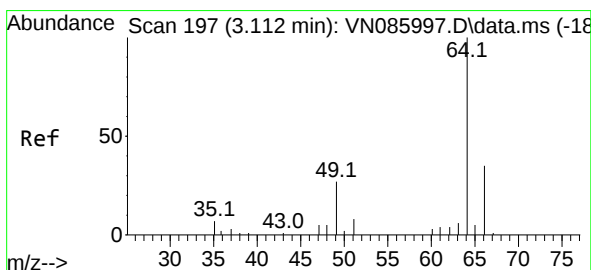
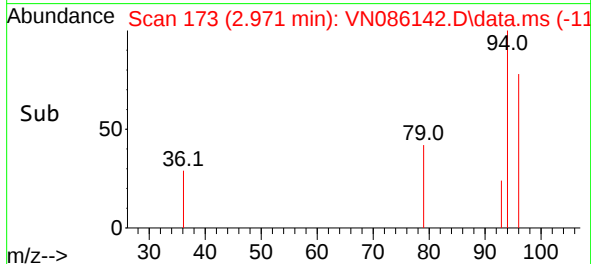
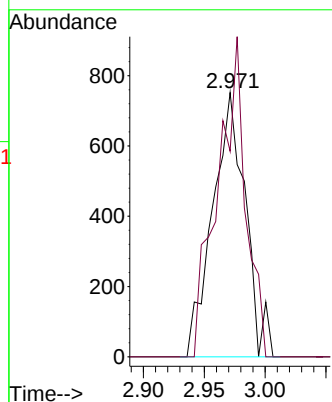
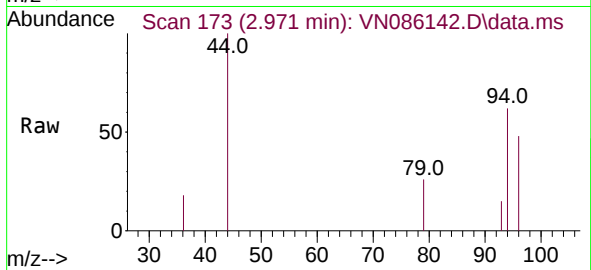




#5
Bromomethane
Concen: 1.042 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

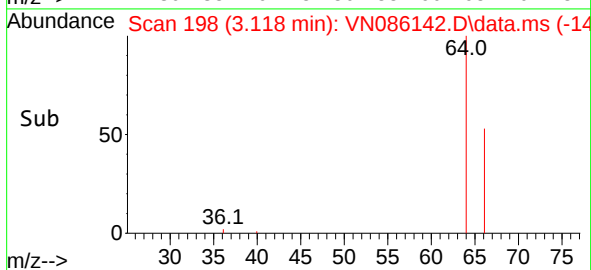
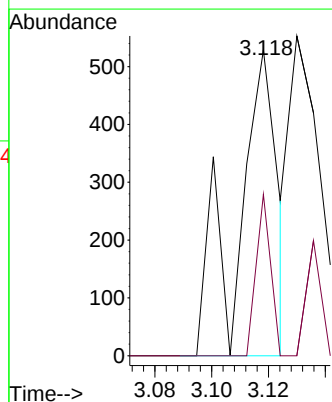
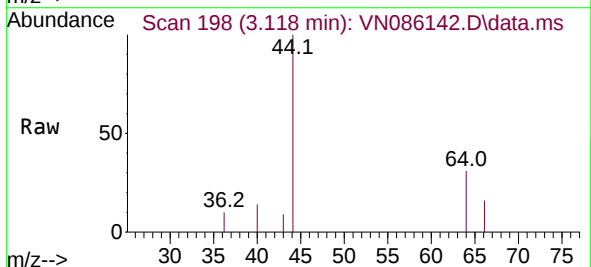
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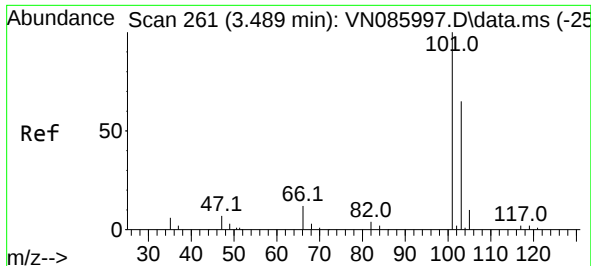
Tgt Ion: 94 Resp: 1403
Ion Ratio Lower Upper
94 100
96 77.8 72.8 109.2



#6
Chloroethane
Concen: 0.417 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 64 Resp: 520
Ion Ratio Lower Upper
64 100
66 52.7 28.3 42.5#

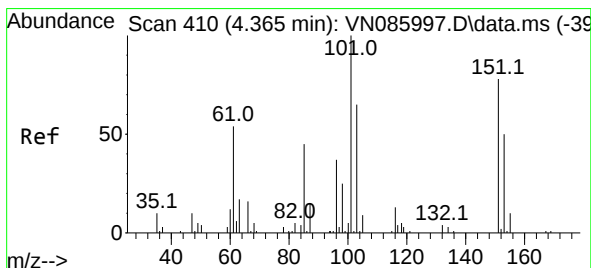
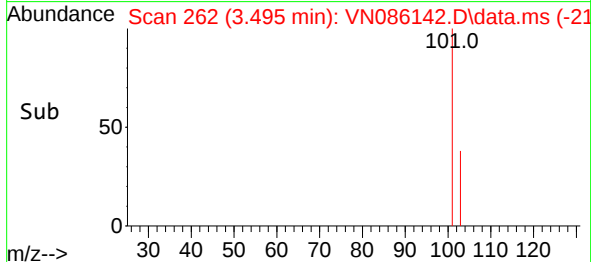
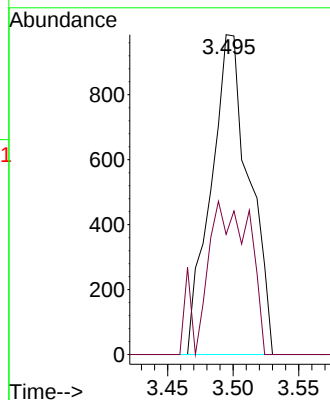
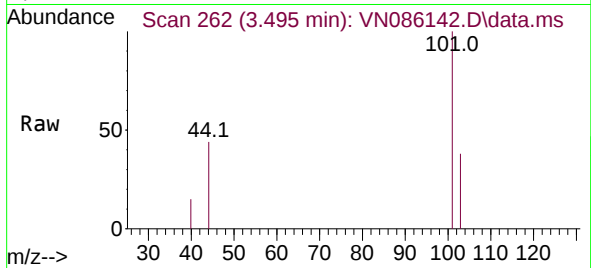




#7
Trichlorofluoromethane
Concen: 0.564 ug/l
RT: 3.495 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

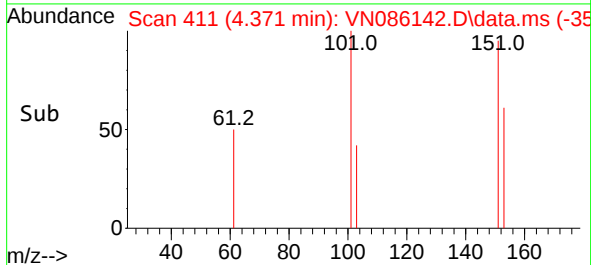
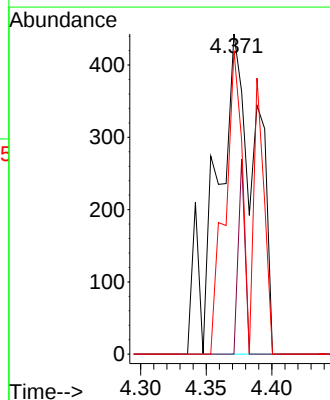
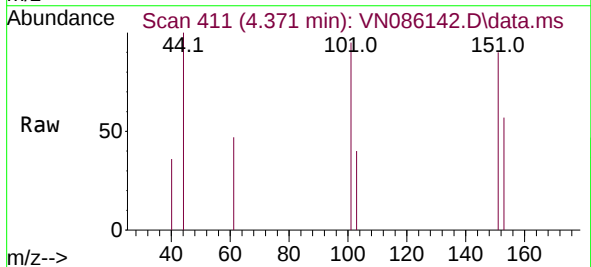
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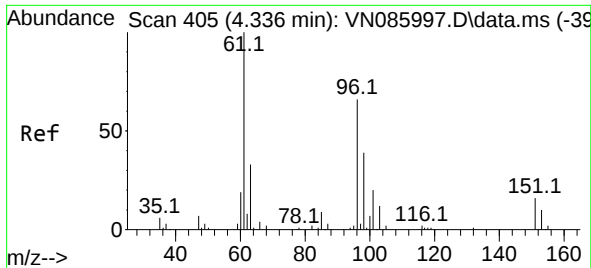
Tgt Ion:101 Resp: 2004
Ion Ratio Lower Upper
101 100
103 37.6 51.7 77.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.488 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:101 Resp: 921
Ion Ratio Lower Upper
101 100
85 10.3 36.5 54.7#
151 41.3 63.4 95.0#

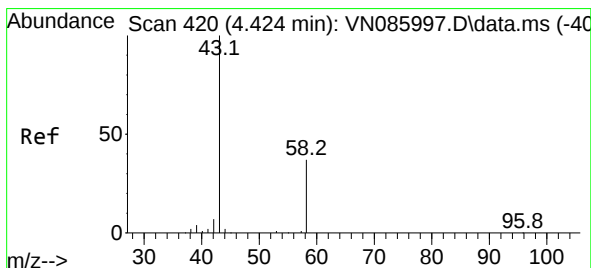
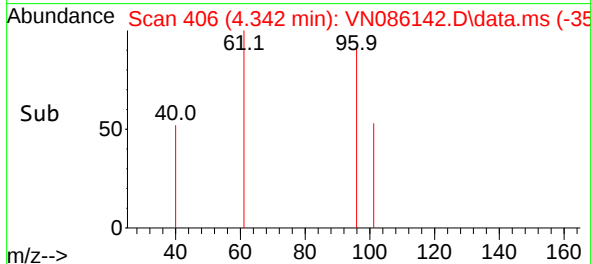
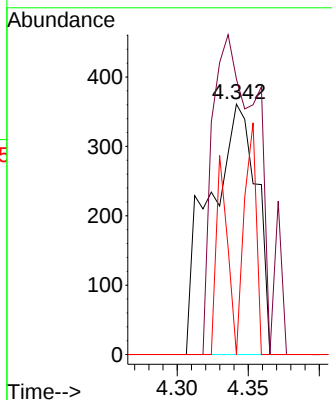
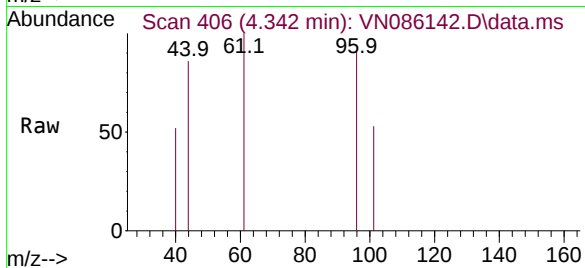




#12
1,1-Dichloroethene
Concen: 0.490 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

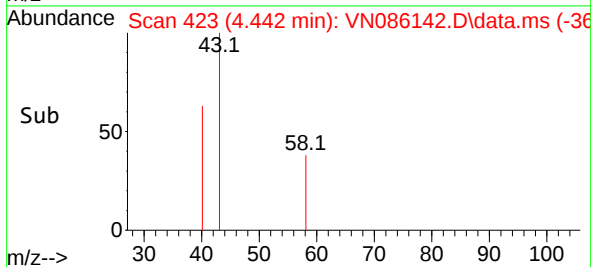
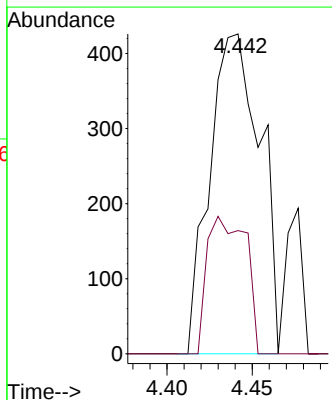
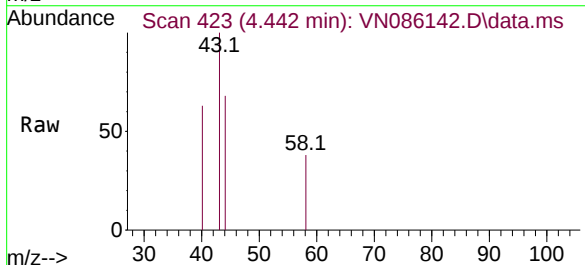
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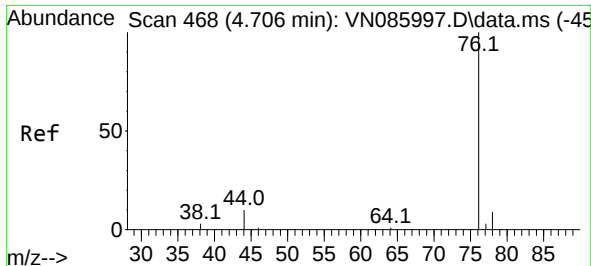
Tgt Ion: 96 Resp: 836
Ion Ratio Lower Upper
96 100
61 110.0 120.5 180.7#
98 0.0 47.4 71.0#



#16
Acetone
Concen: 1.261 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.2

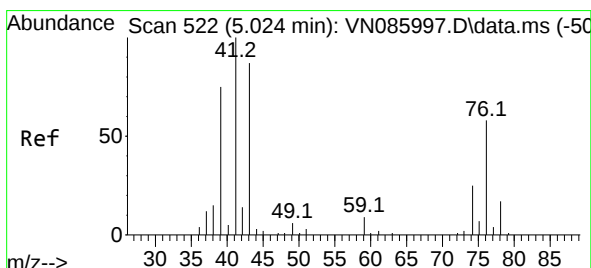
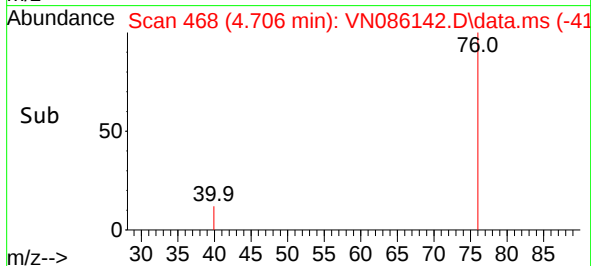
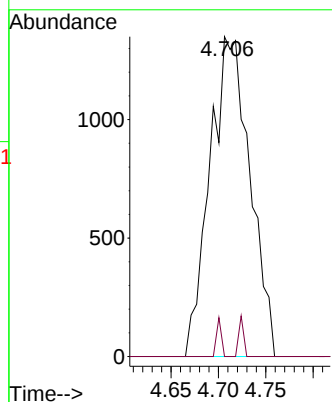
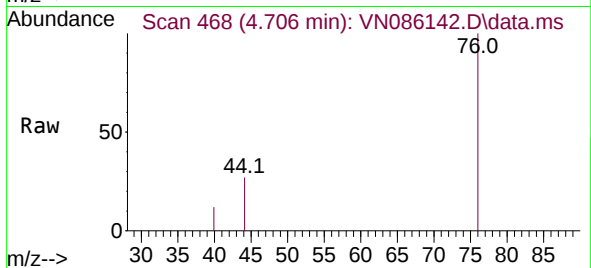




#17
Carbon Disulfide
Concen: 0.708 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

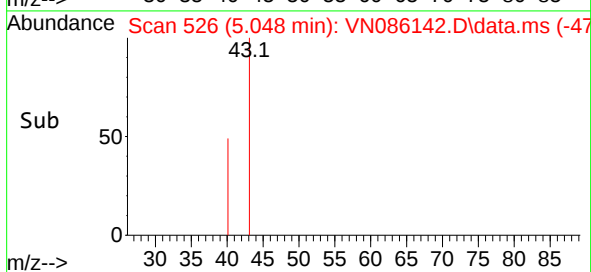
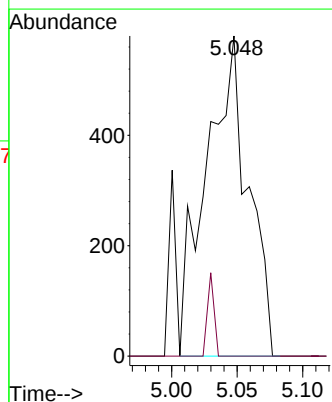
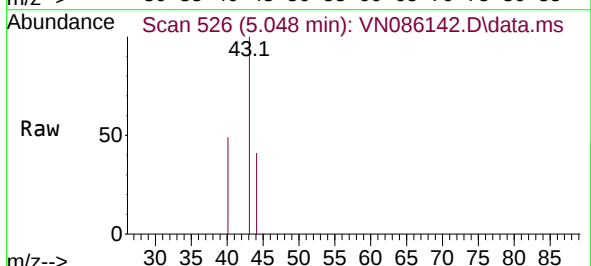
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

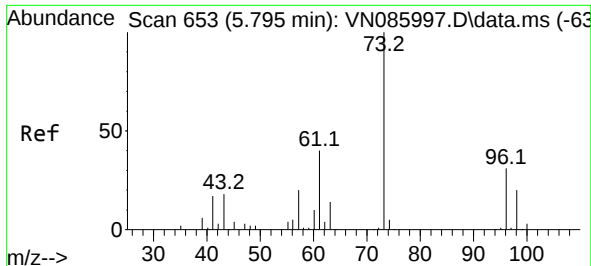
Tgt Ion: 76 Resp: 3973
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.748 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.023 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
74 4.1 23.9 35.9#

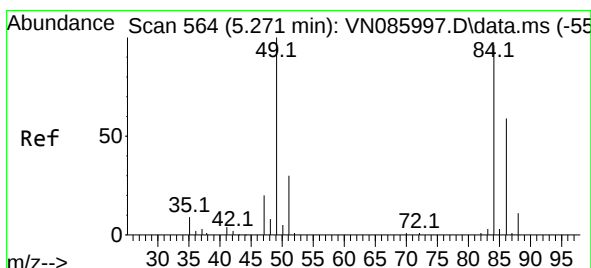
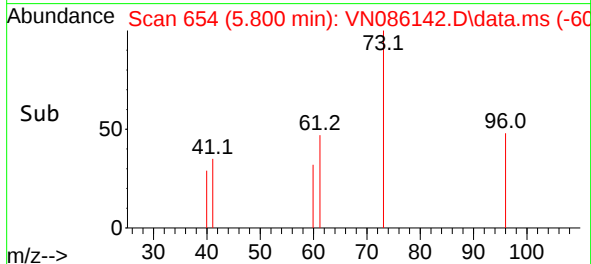
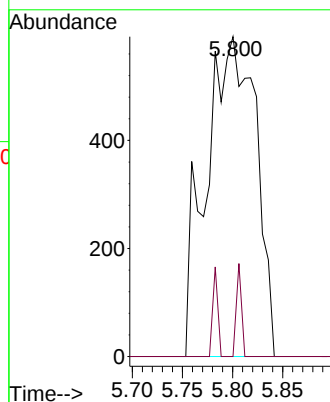
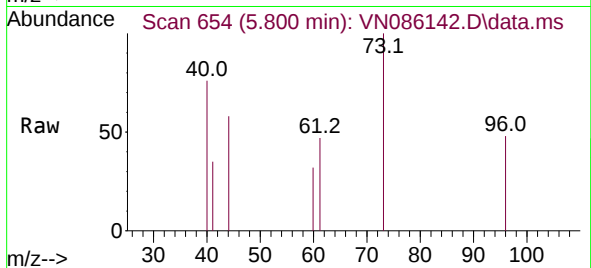




#19
Methyl tert-butyl Ether
Concen: 0.366 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

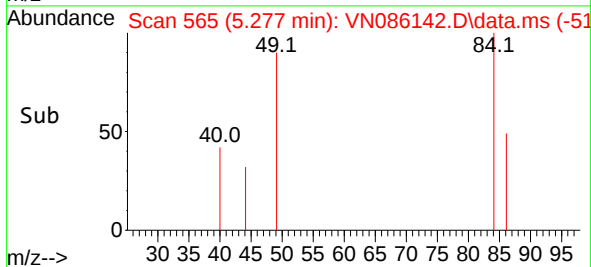
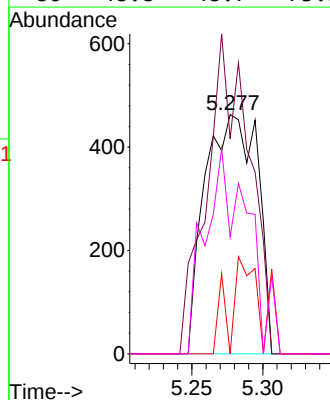
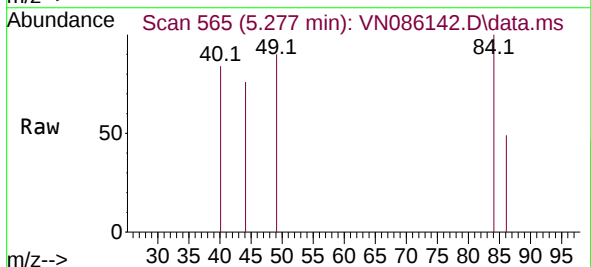
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

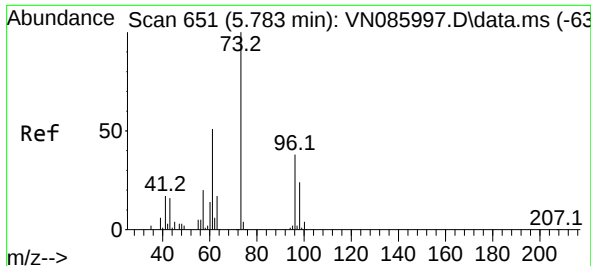
Tgt Ion: 73 Resp: 2048
Ion Ratio Lower Upper
73 100
57 0.0 16.1 24.1#



#20
Methylene Chloride
Concen: 0.584 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 84 Resp: 1190
Ion Ratio Lower Upper
84 100
49 89.8 83.3 124.9
51 0.0 24.8 37.2#
86 48.8 48.7 73.1

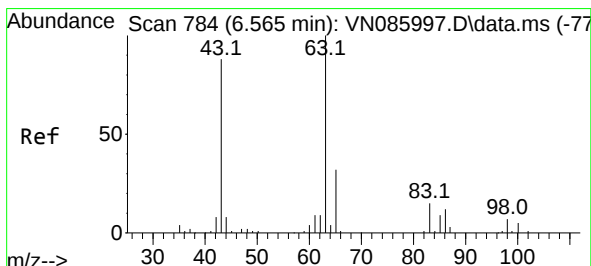
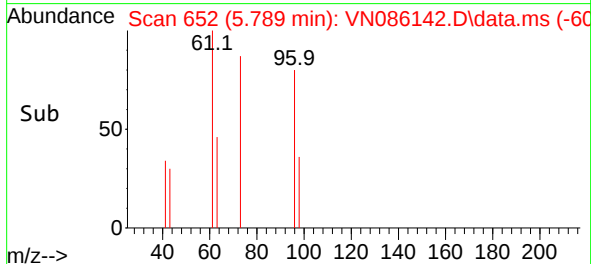
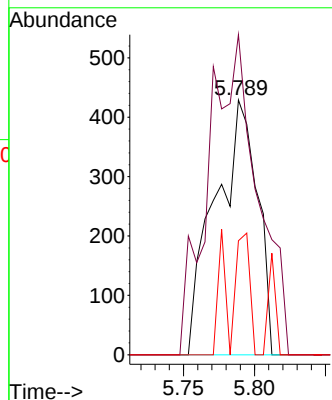
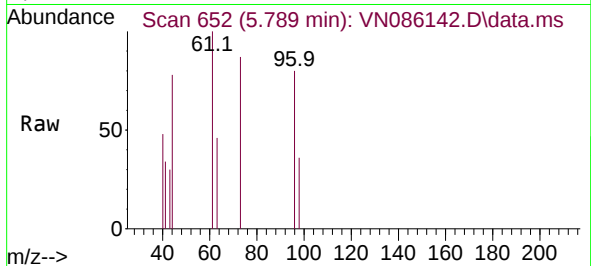




#21
trans-1,2-Dichloroethene
Concen: 0.477 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

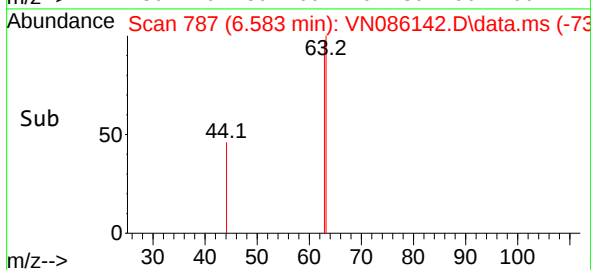
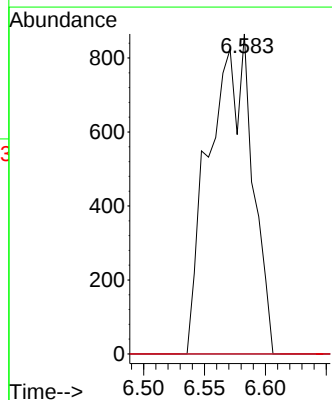
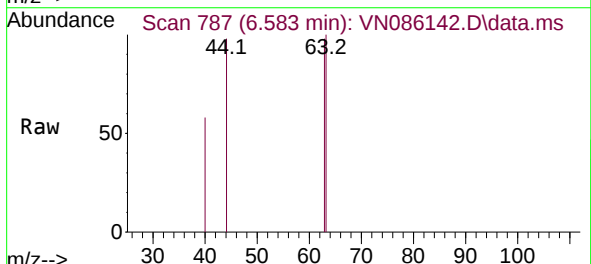
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

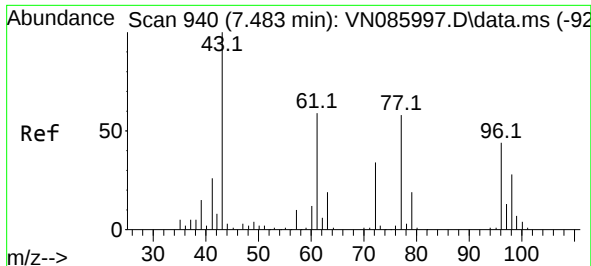
Tgt Ion: 96 Resp: 889
Ion Ratio Lower Upper
96 100
61 125.6 106.6 160.0
98 44.8 50.0 75.0#



#24
1,1-Dichloroethane
Concen: 0.631 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.018 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 63 Resp: 2104
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.5 7.5#

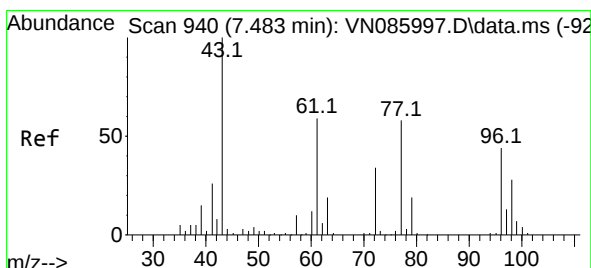
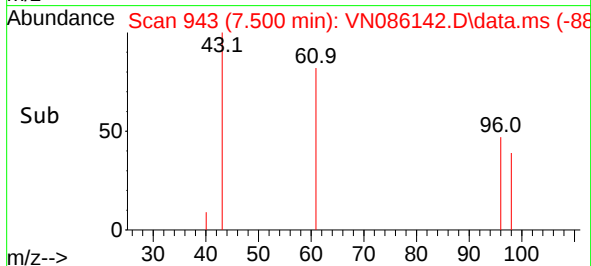
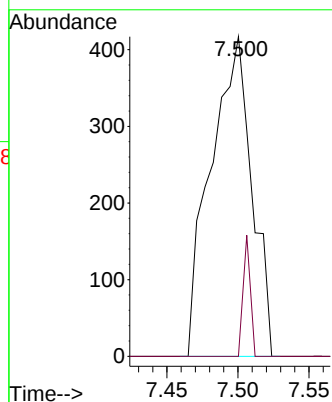
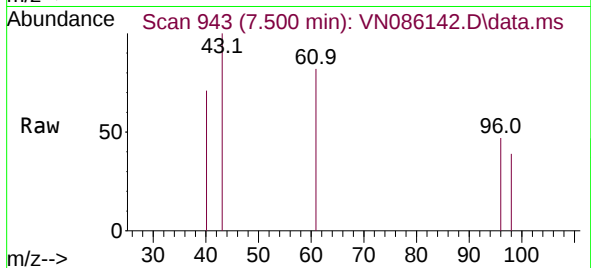




#25
2-Butanone
Concen: 0.834 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

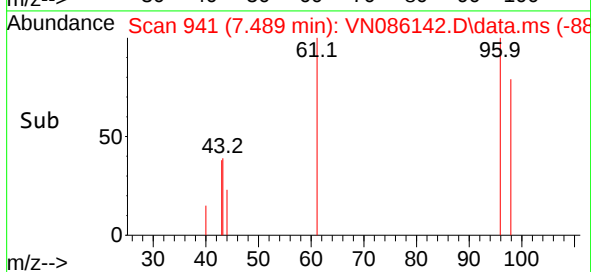
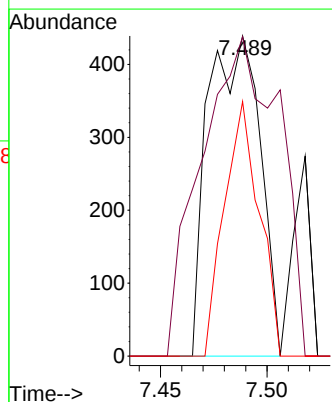
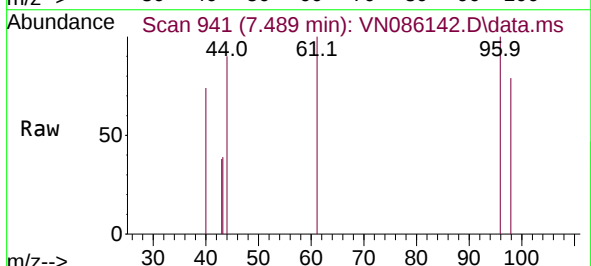
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

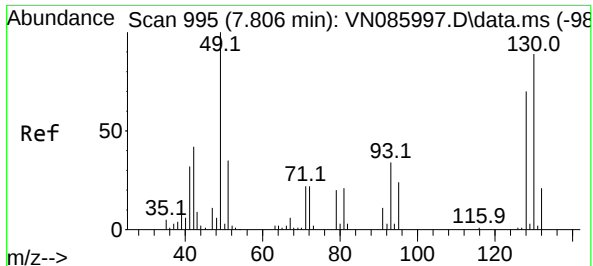
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.0#



#27
cis-1,2-Dichloroethene
Concen: 0.354 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 96 Resp: 750
Ion Ratio Lower Upper
96 100
61 148.1 0.0 272.8
98 53.2 0.0 124.8

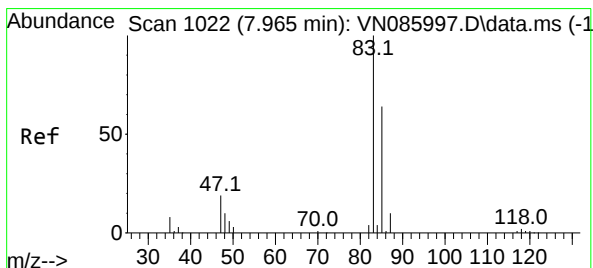
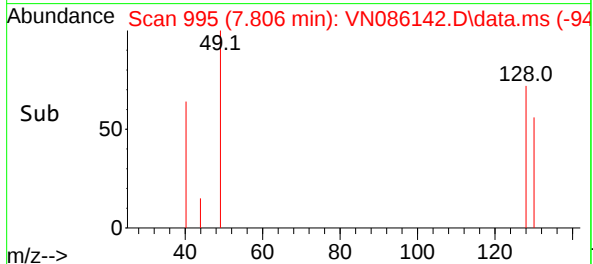
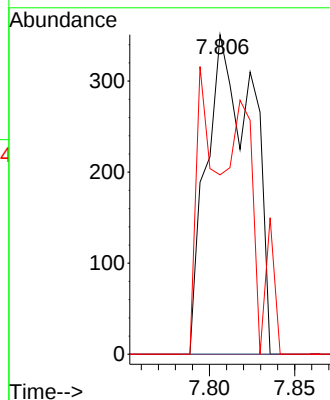
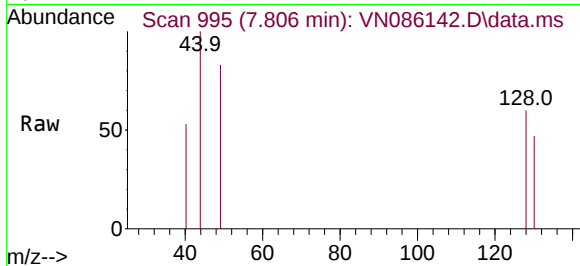




#28
Bromochloromethane
Concen: 0.463 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

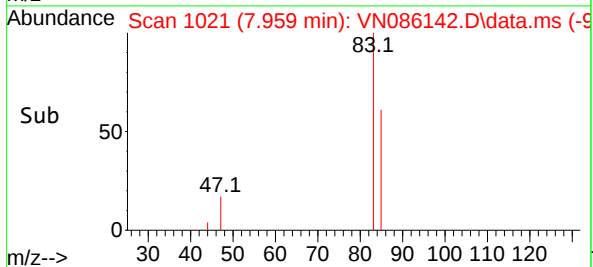
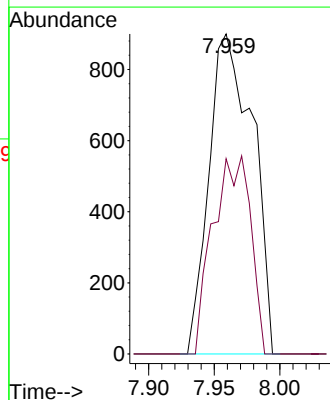
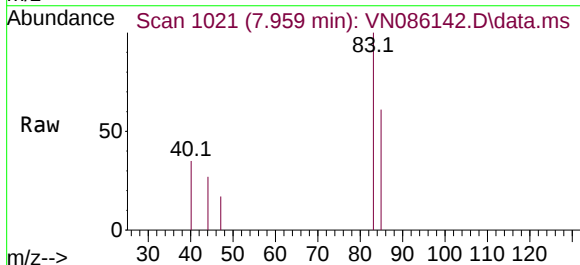
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

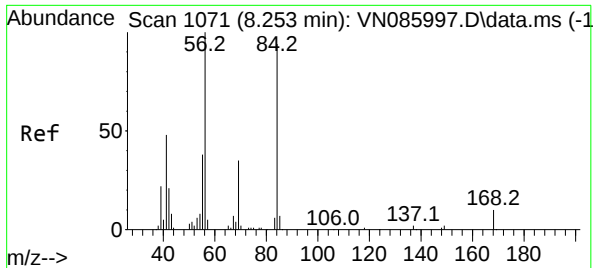
Tgt Ion: 49 Resp: 654
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 48.0 74.2 111.4#



#30
Chloroform
Concen: 0.568 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 83 Resp: 2092
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3

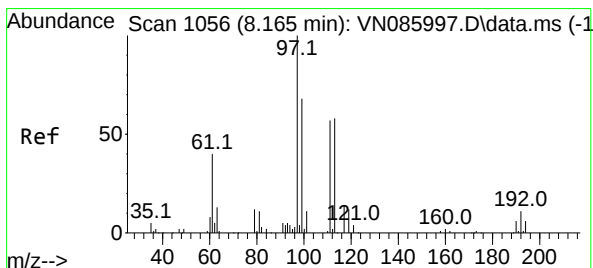
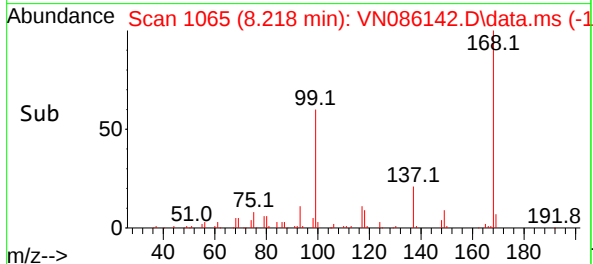
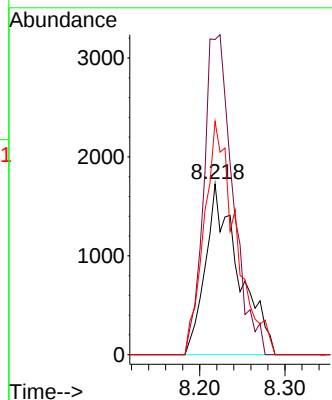
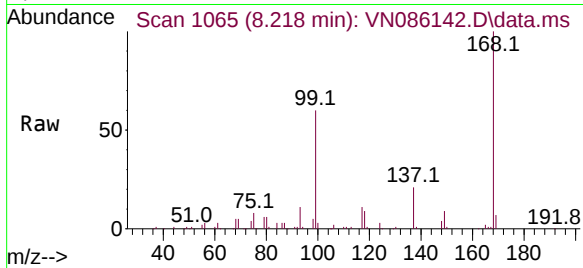




#31
Cyclohexane
Concen: 1.655 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

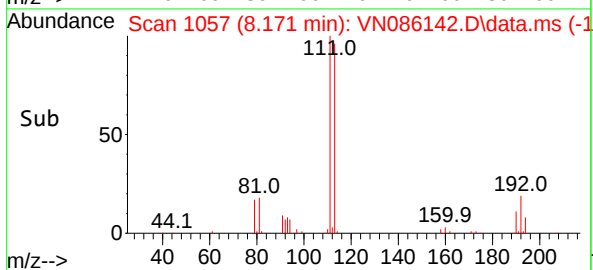
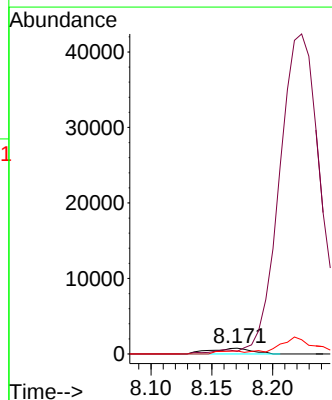
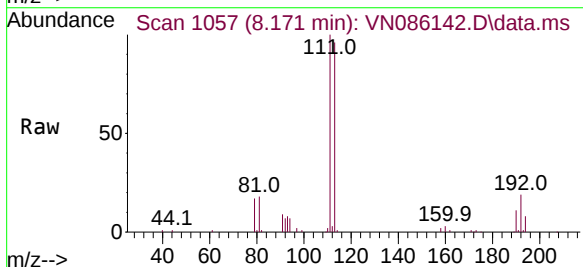
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

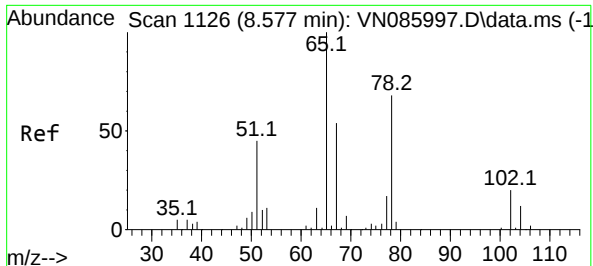
Tgt Ion: 56 Resp: 4702
Ion Ratio Lower Upper
56 100
69 184.7 28.0 42.0#
84 136.7 75.0 112.6#



#32
1,1,1-Trichloroethane
Concen: 0.517 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 97 Resp: 1805
Ion Ratio Lower Upper
97 100
99 0.0 52.8 79.2#
61 31.9 33.6 50.4#





#33

1,2-Dichloroethane-d4

Concen: 57.472 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086142.D

Acq: 28 Mar 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

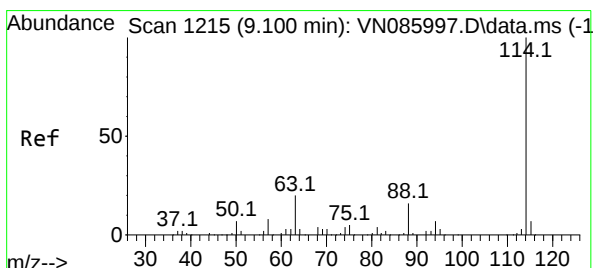
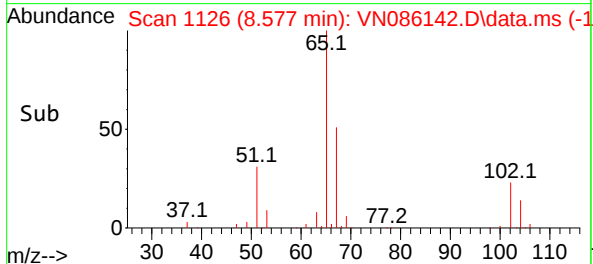
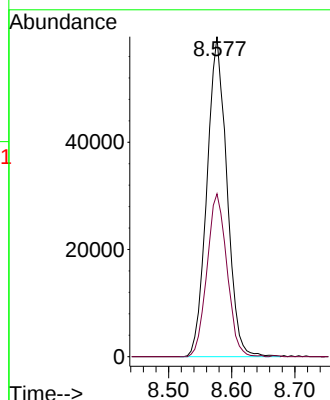
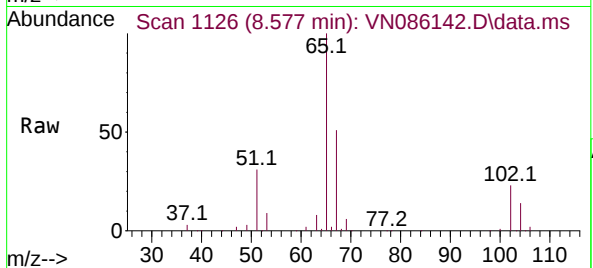
VN0328WBL01

Tgt Ion: 65 Resp: 131033

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086142.D

Acq: 28 Mar 2025 11:43

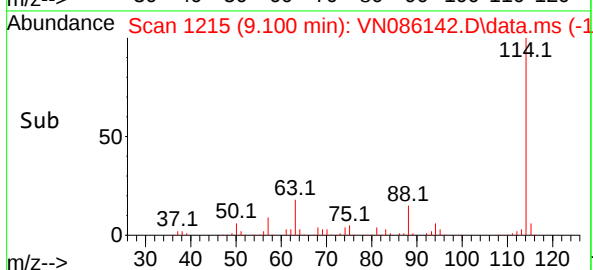
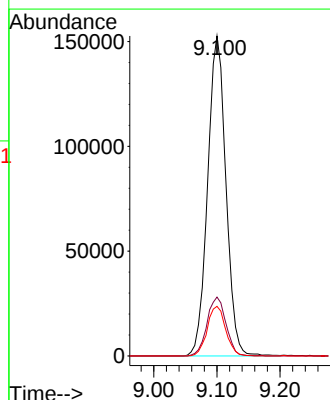
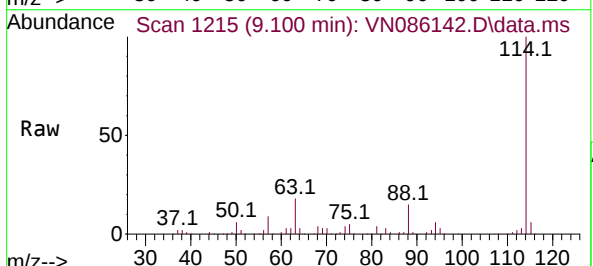
Tgt Ion: 114 Resp: 307532

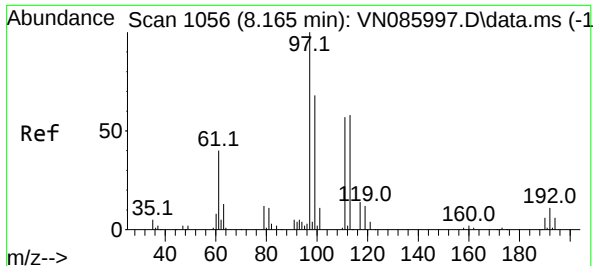
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.5 0.0 32.6

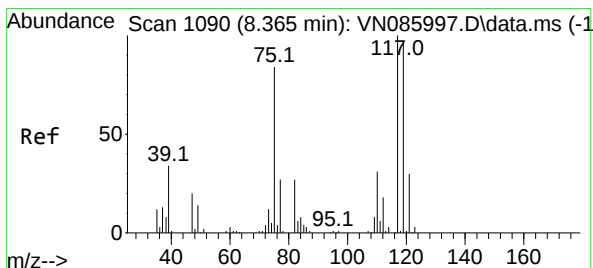
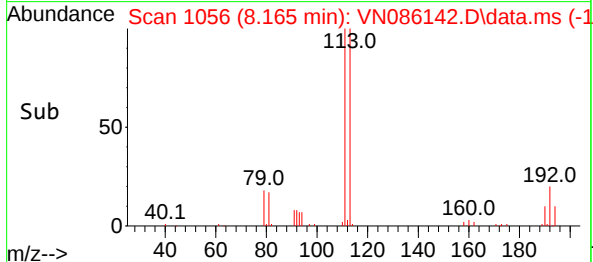
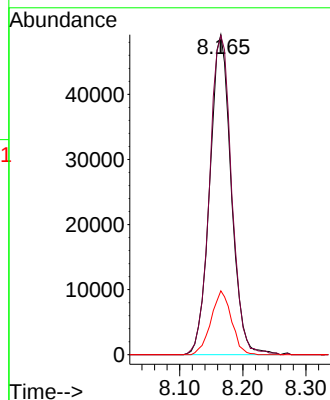
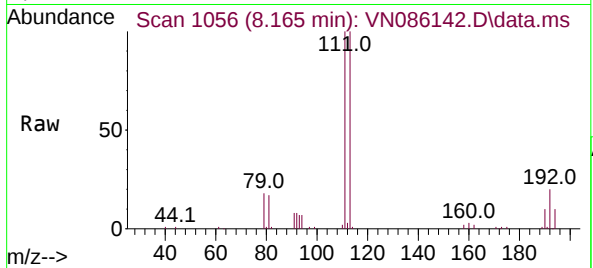




#35
Dibromofluoromethane
Concen: 53.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

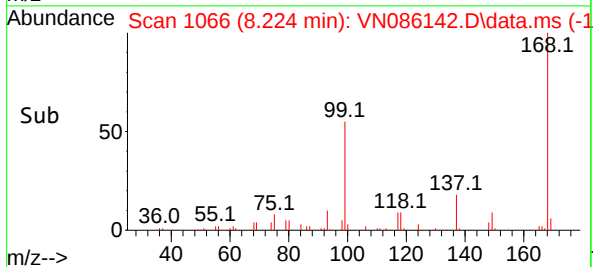
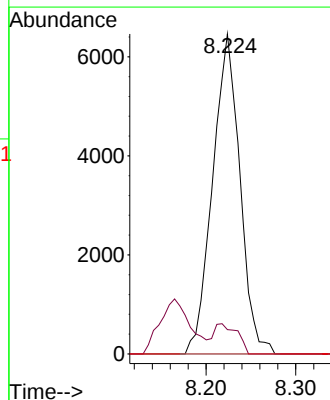
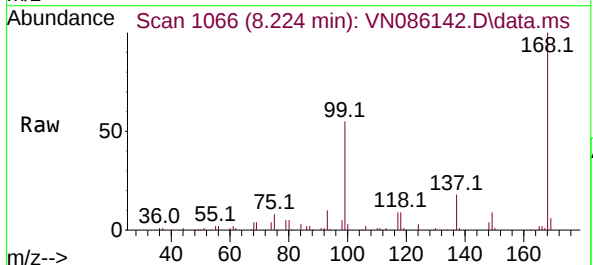
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

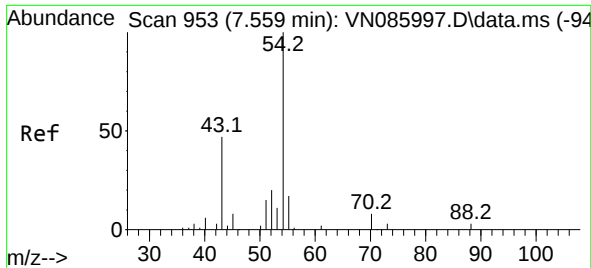
Tgt Ion:113 Resp: 115817
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 75 Resp: 13645
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#

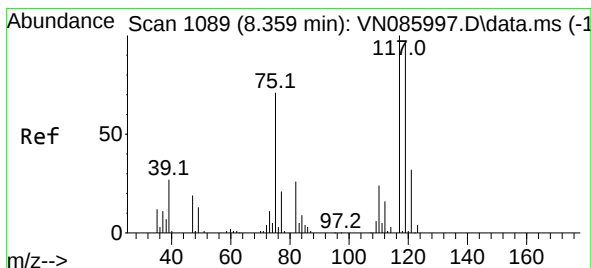
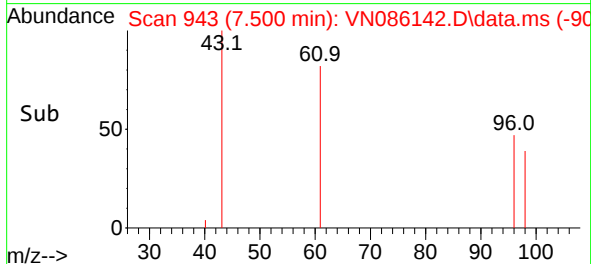
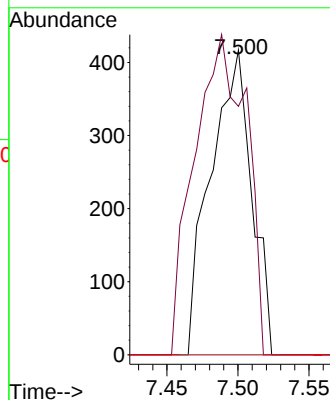
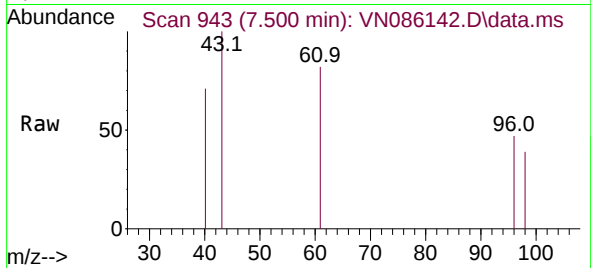




#37
Ethyl Acetate
Concen: 0.351 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.059 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

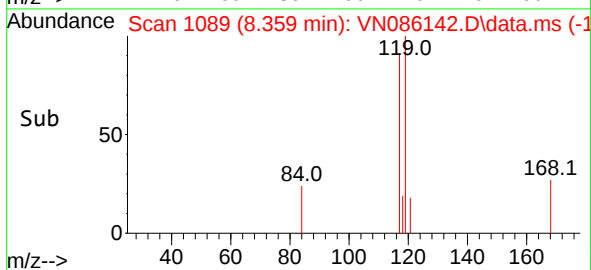
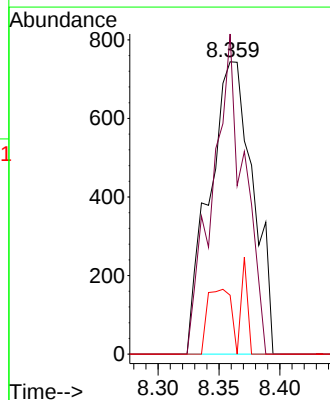
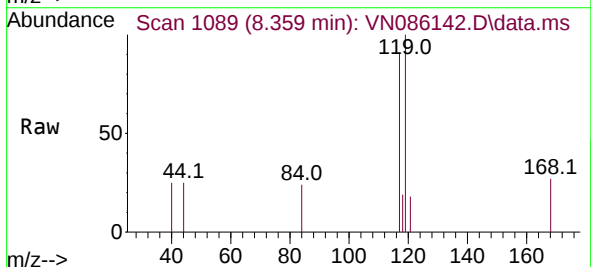
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

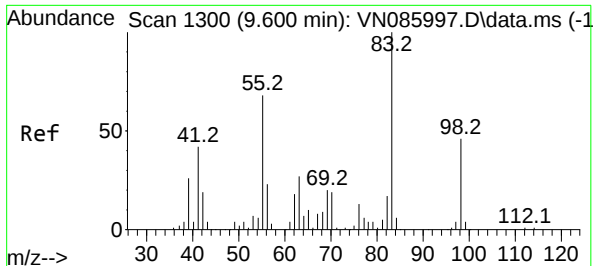
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
61 132.6 13.0 19.4#
70 0.0 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 0.499 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 117 Resp: 1856
Ion Ratio Lower Upper
117 100
119 109.5 77.0 115.4
121 20.2 25.6 38.4#

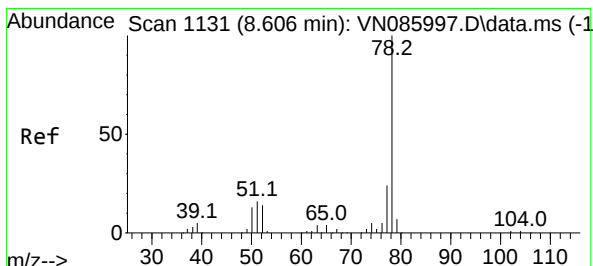
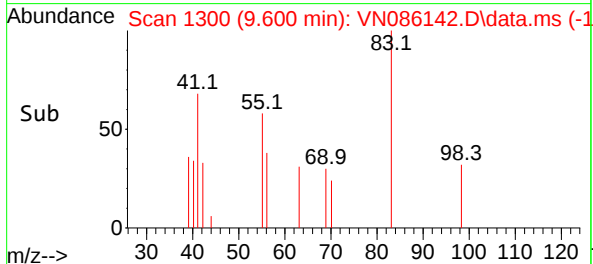
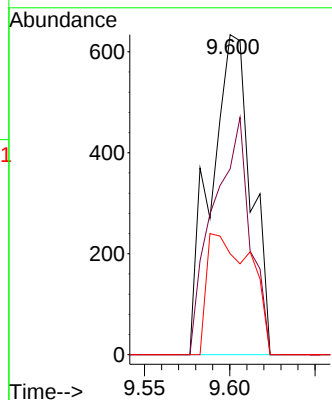
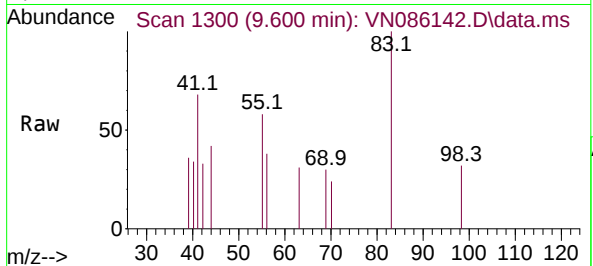




#39
Methylcyclohexane
Concen: 0.373 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

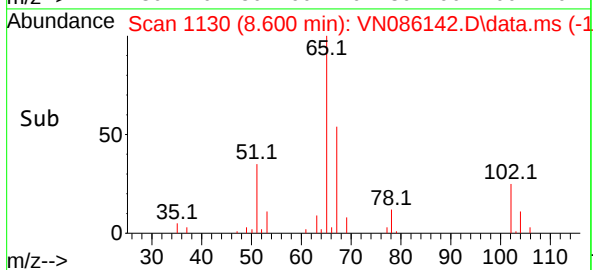
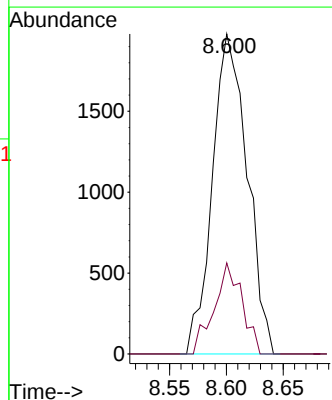
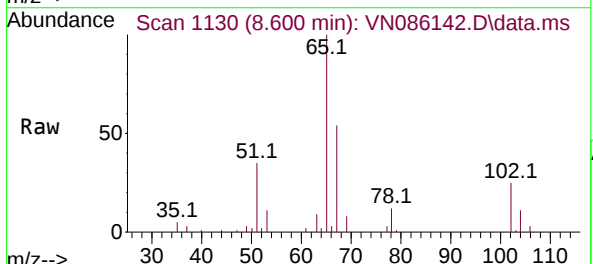
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

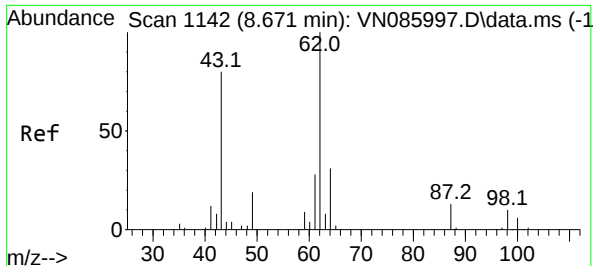
Tgt Ion: 83 Resp: 1046
Ion Ratio Lower Upper
83 100
55 58.0 54.2 81.2
98 31.5 37.1 55.7#



#40
Benzene
Concen: 0.475 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 78 Resp: 4214
Ion Ratio Lower Upper
78 100
77 28.5 18.9 28.3#

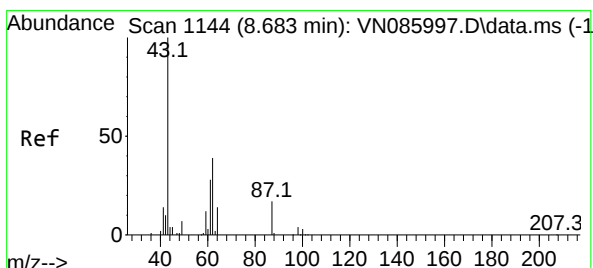
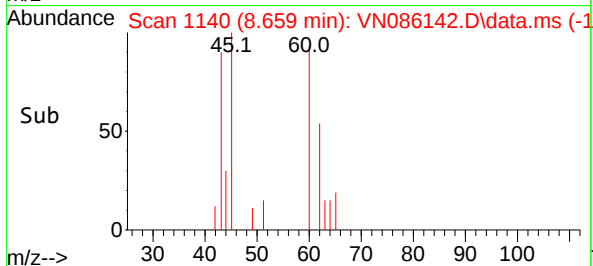
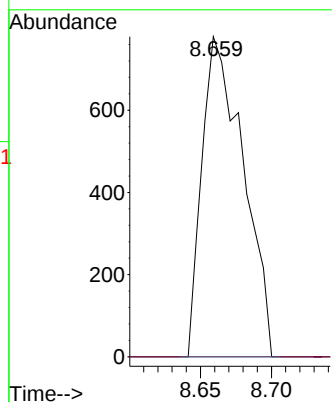
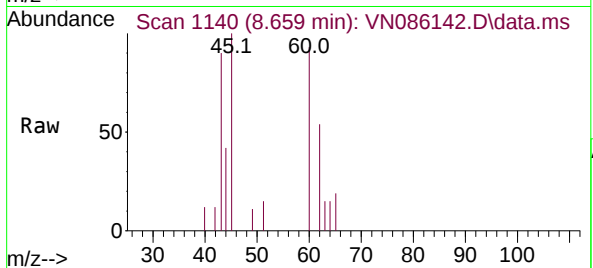




#42
1,2-Dichloroethane
Concen: 0.509 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.012 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

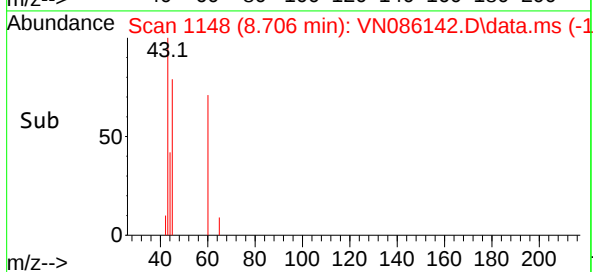
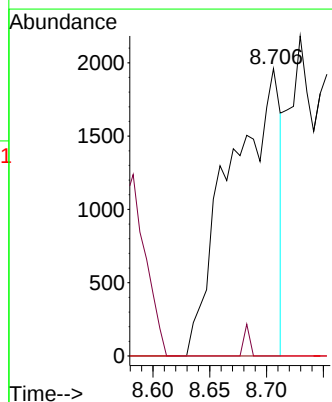
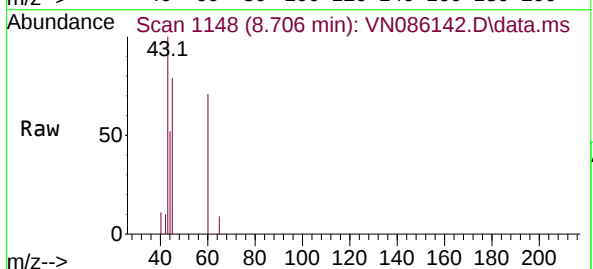
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

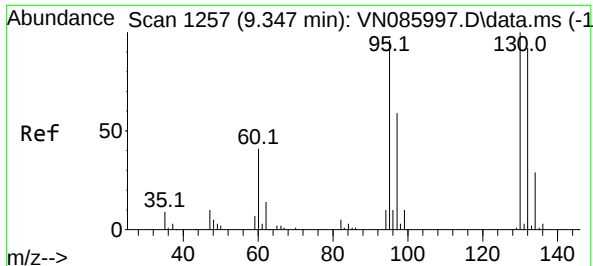
Tgt Ion: 62 Resp: 1574
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6



#43
Isopropyl Acetate
Concen: 1.160 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.023 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 43 Resp: 5996
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#

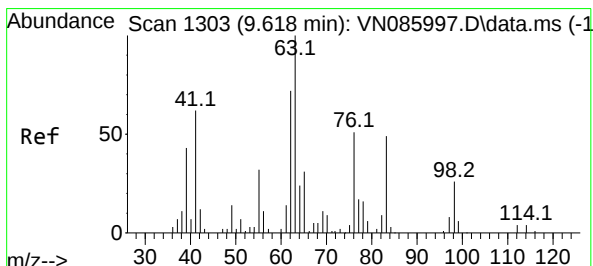
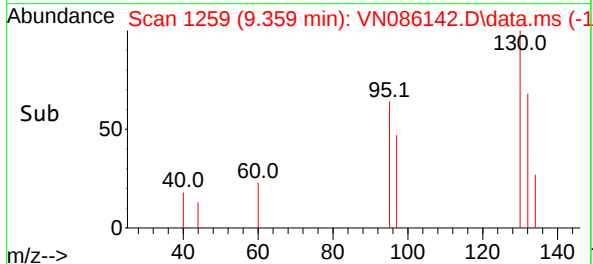
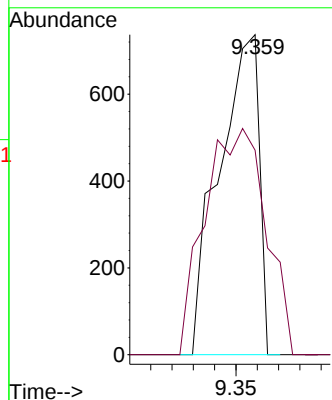
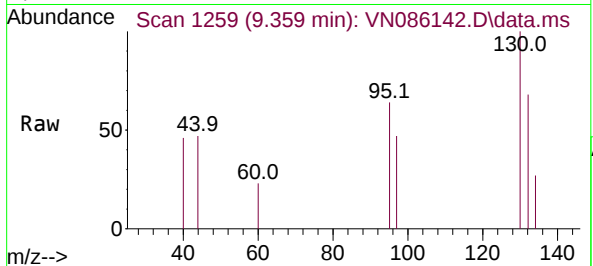




#44
Trichloroethene
Concen: 0.419 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

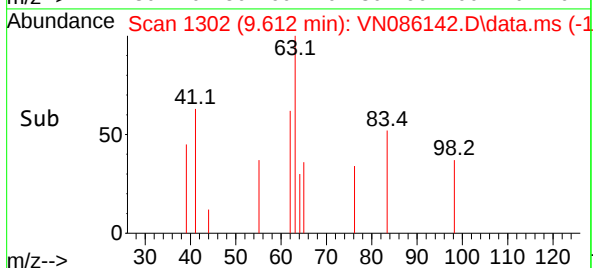
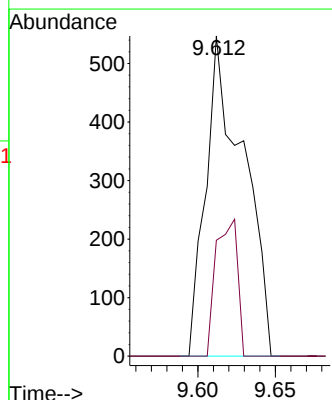
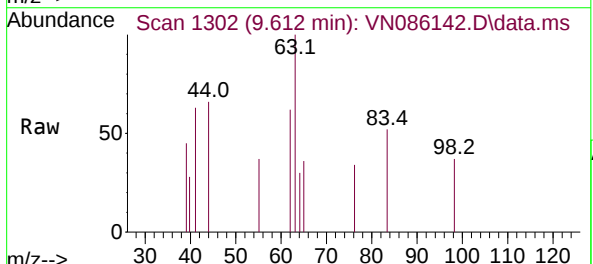
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

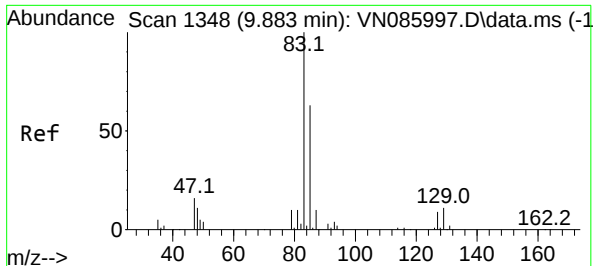
Tgt Ion:130 Resp: 964
Ion Ratio Lower Upper
130 100
95 63.9 0.0 191.6



#45
1,2-Dichloropropane
Concen: 0.456 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 63 Resp: 920
Ion Ratio Lower Upper
63 100
65 36.2 24.7 37.1

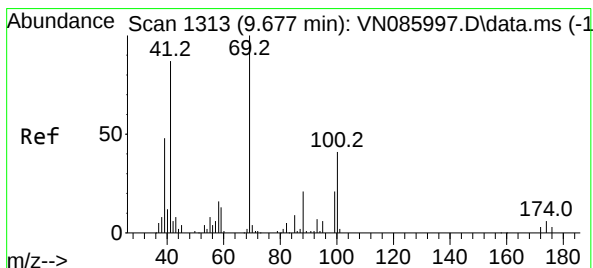
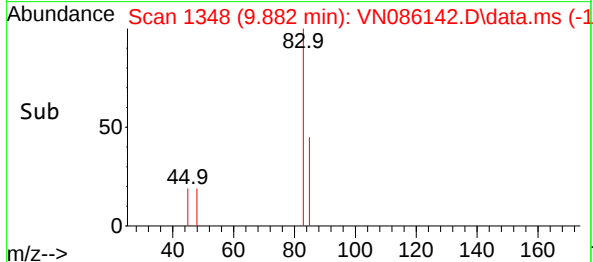
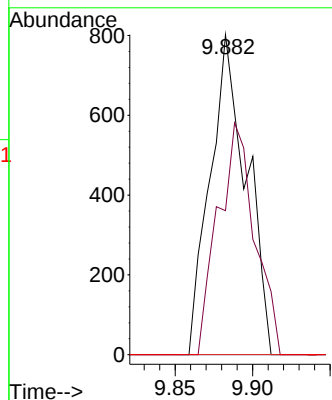
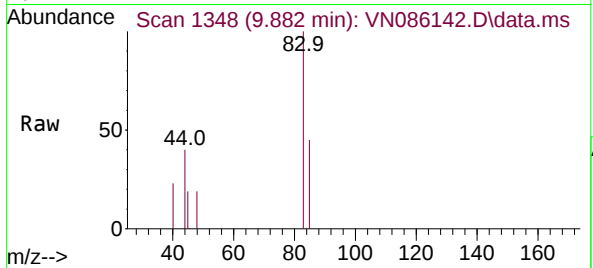




#47
Bromodichloromethane
Concen: 0.395 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

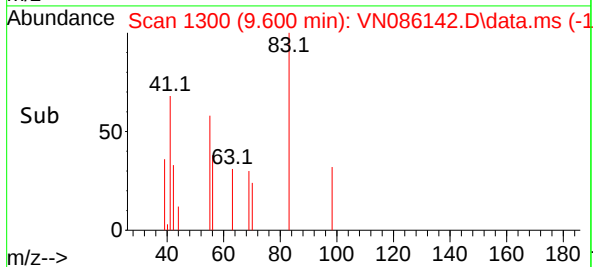
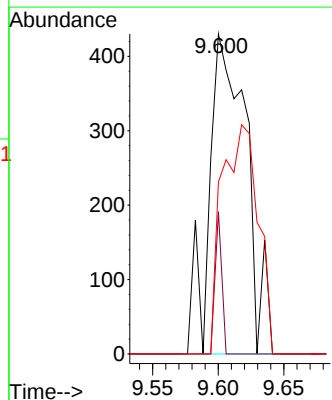
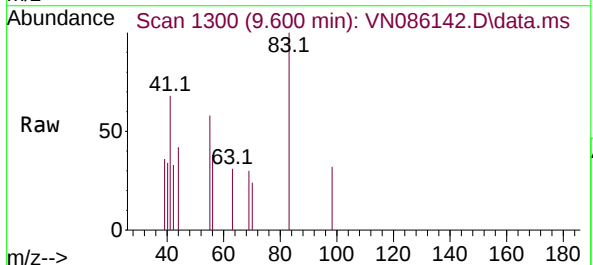
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

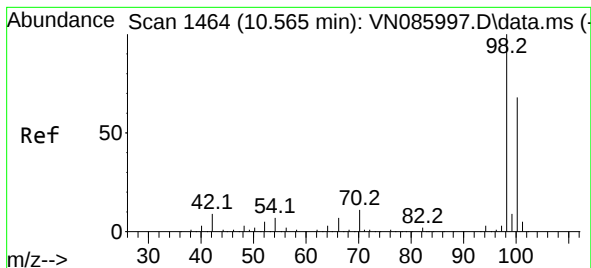
Tgt Ion: 83 Resp: 1310
Ion Ratio Lower Upper
83 100
85 45.0 50.2 75.2#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.500 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.077 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 41 Resp: 852
Ion Ratio Lower Upper
41 100
69 7.9 83.1 124.7#
39 69.4 45.6 68.4#

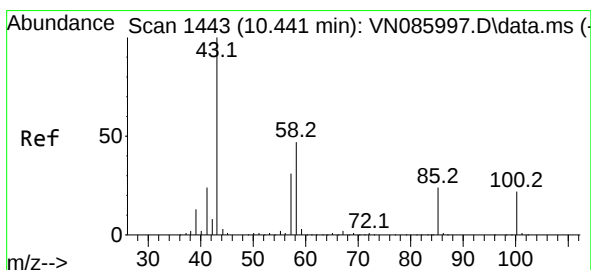
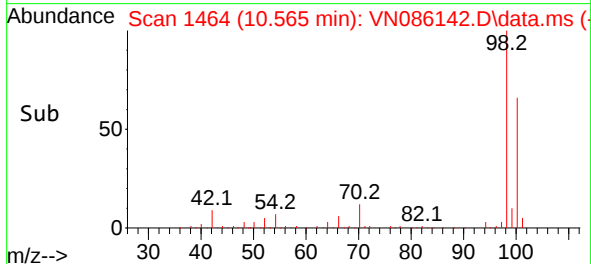
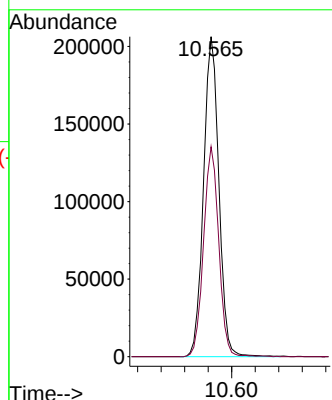
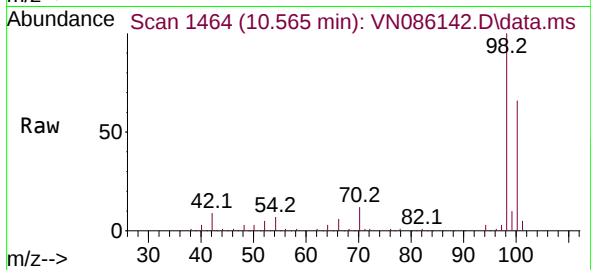




#50
Toluene-d8
Concen: 47.946 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

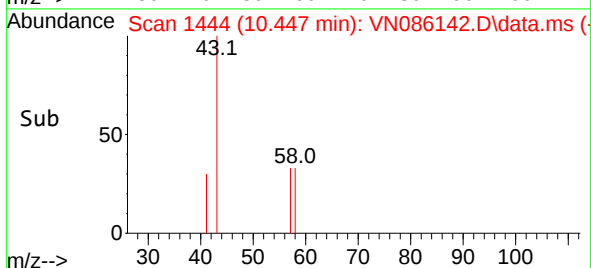
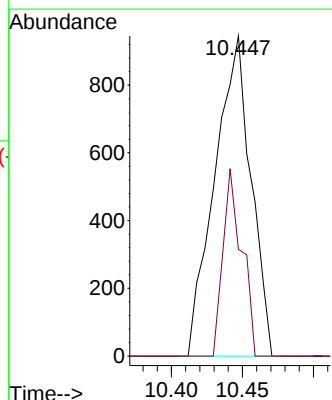
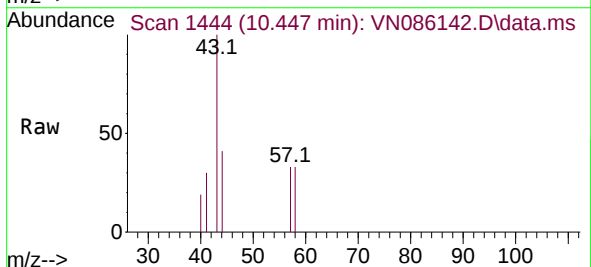
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

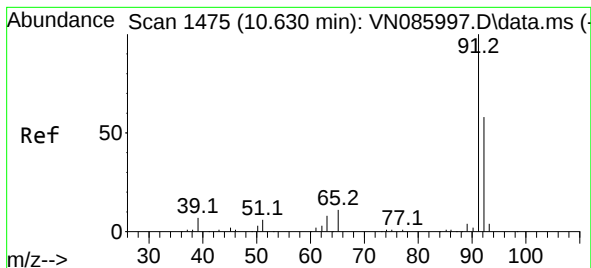
Tgt Ion: 98 Resp: 373518
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.734 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 30.3 37.4 56.0#





#52

Toluene

Concen: 0.475 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN086142.D

Acq: 28 Mar 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

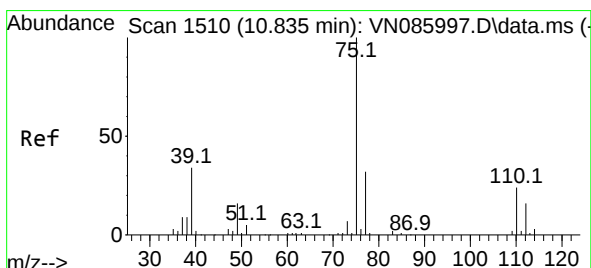
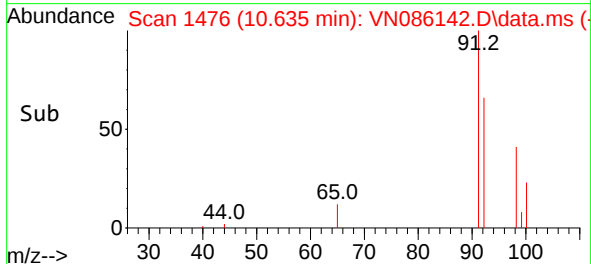
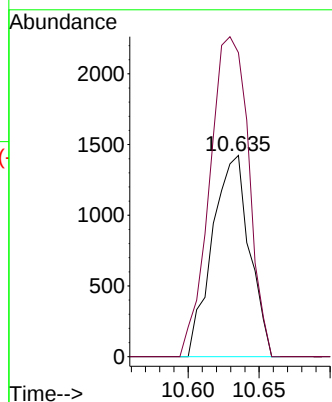
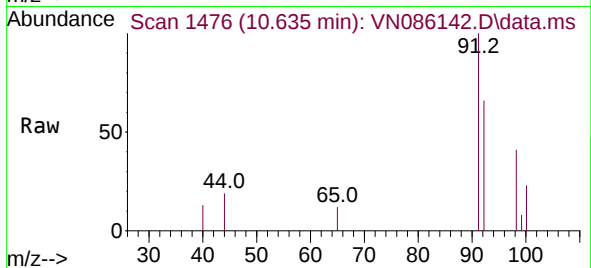
VN0328WBL01

Tgt Ion: 92 Resp: 2589

Ion Ratio Lower Upper

92 100

91 167.2 136.2 204.4



#53

t-1,3-Dichloropropene

Concen: 0.374 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN086142.D

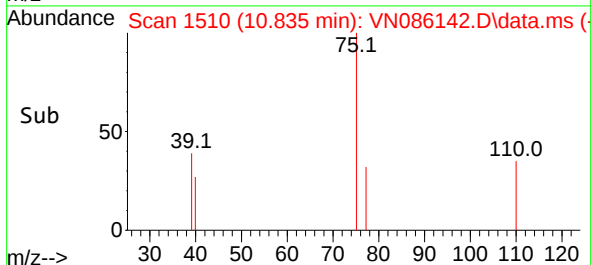
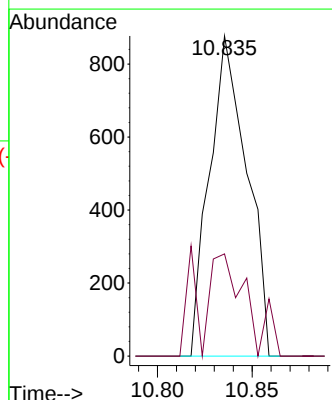
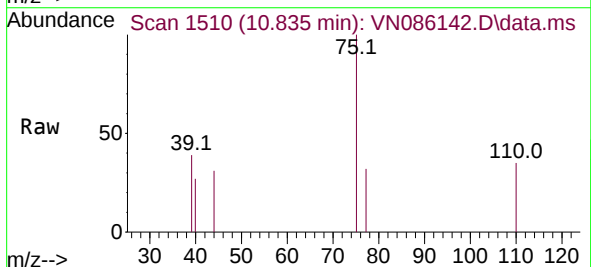
Acq: 28 Mar 2025 11:43

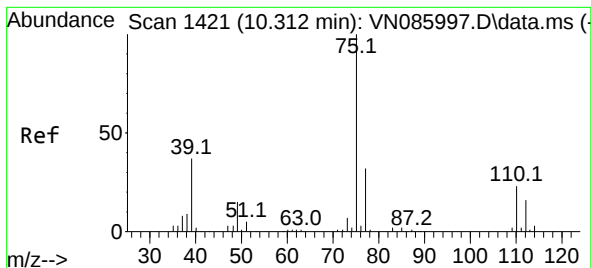
Tgt Ion: 75 Resp: 1206

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

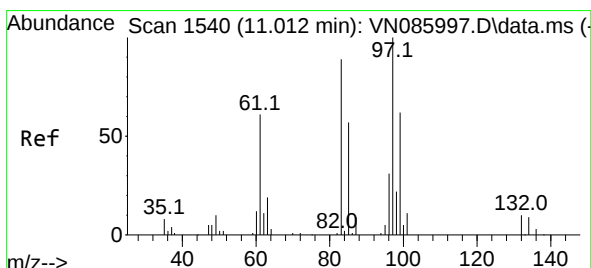
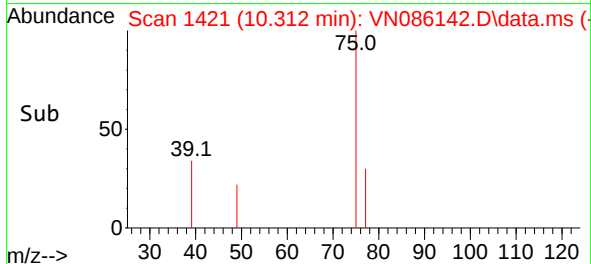
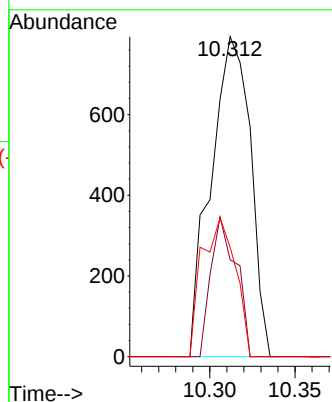
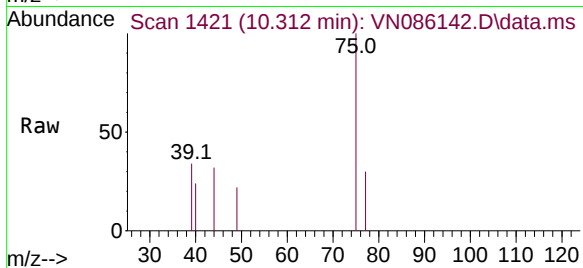




#54
 cis-1,3-Dichloropropene
 Concen: 0.377 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

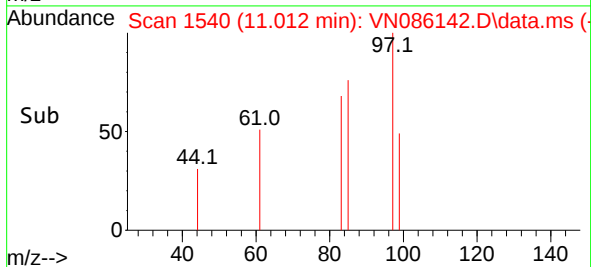
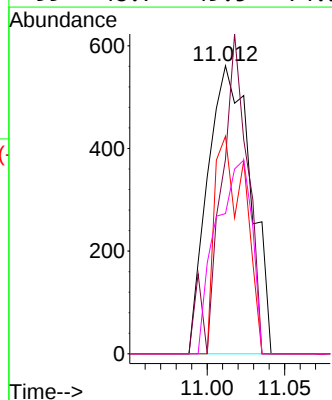
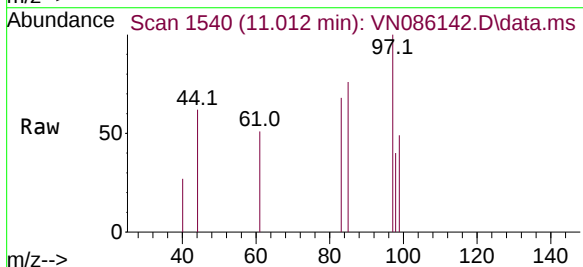
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

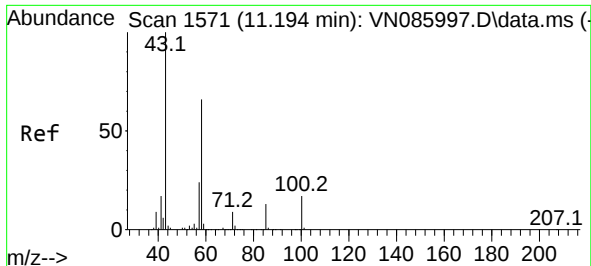
Tgt Ion: 75 Resp: 1282
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9
 39 34.2 29.6 44.4



#55
 1,1,2-Trichloroethane
 Concen: 0.520 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

Tgt Ion: 97 Resp: 1081
 Ion Ratio Lower Upper
 97 100
 83 67.6 71.2 106.8#
 85 75.6 45.4 68.0#
 99 48.7 49.5 74.3#

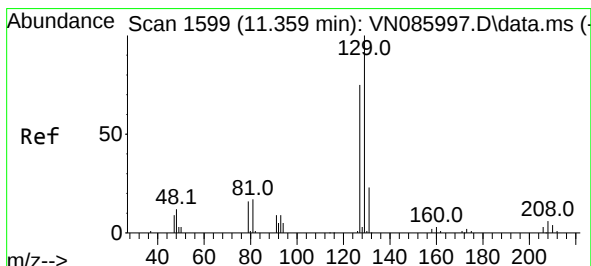
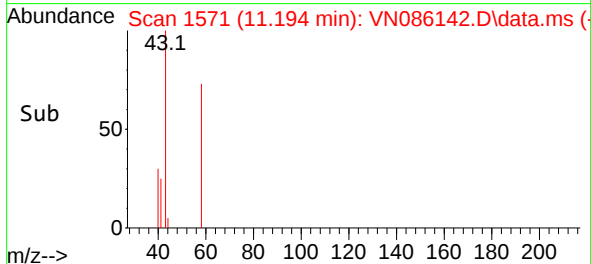
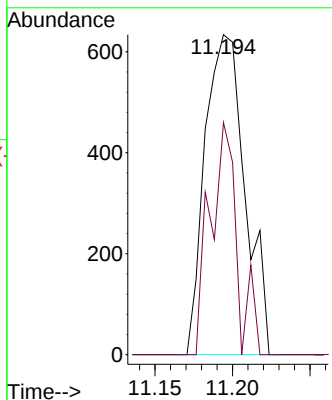
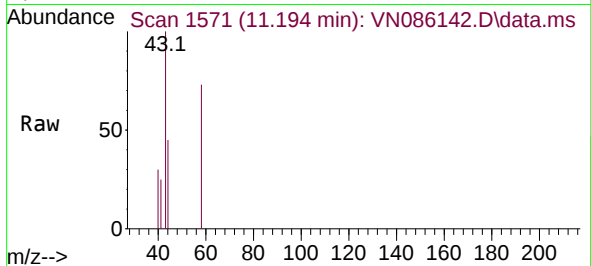




#59
2-Hexanone
Concen: 0.687 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

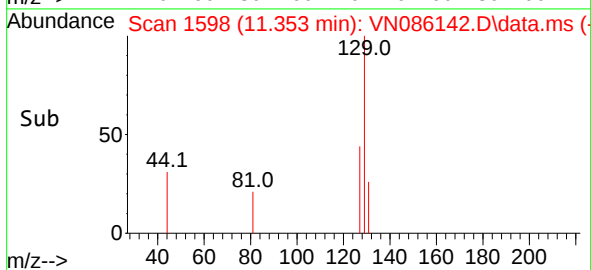
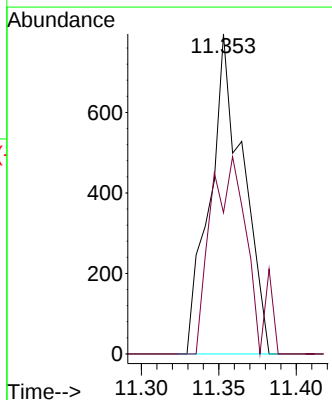
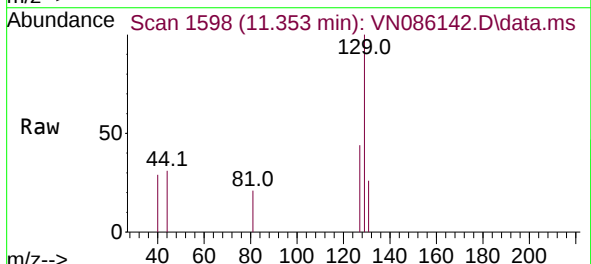
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

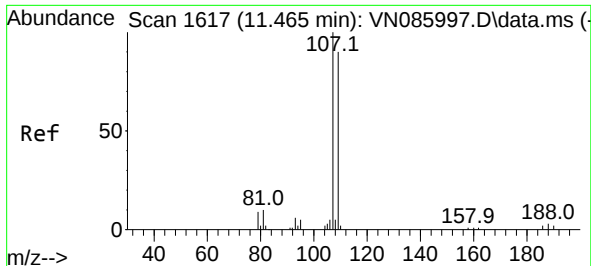
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 48.6 32.4 97.2



#60
Dibromochloromethane
Concen: 0.439 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 129 Resp: 1178
Ion Ratio Lower Upper
129 100
127 70.4 37.8 113.4

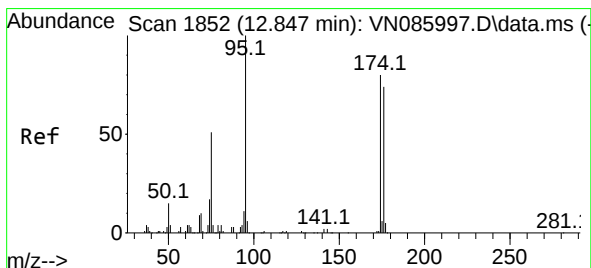
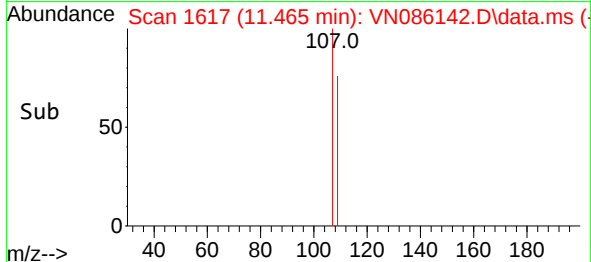
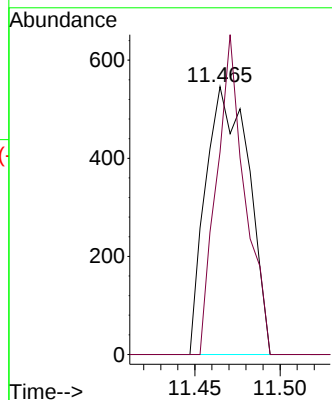
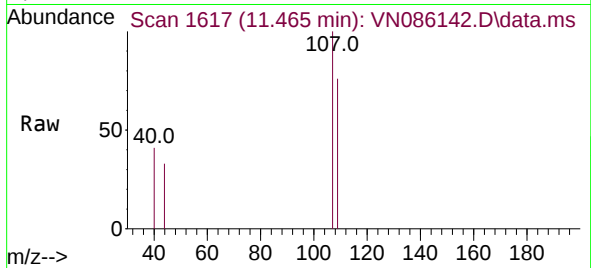




#61
1,2-Dibromoethane
Concen: 0.450 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

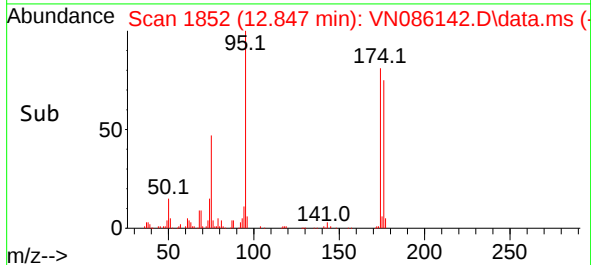
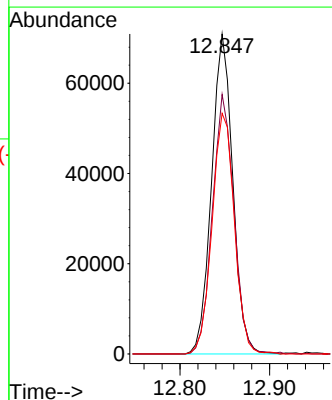
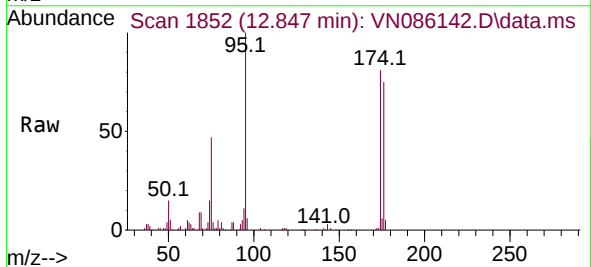
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

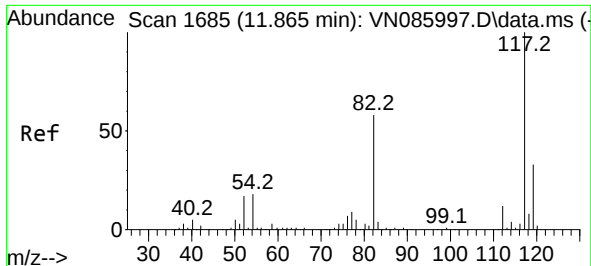
Tgt Ion:107 Resp: 961
Ion Ratio Lower Upper
107 100
109 78.3 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 41.852 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 95 Resp: 116277
Ion Ratio Lower Upper
95 100
174 82.7 0.0 156.8
176 79.1 0.0 152.2

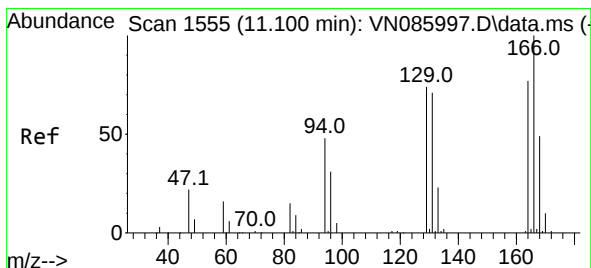
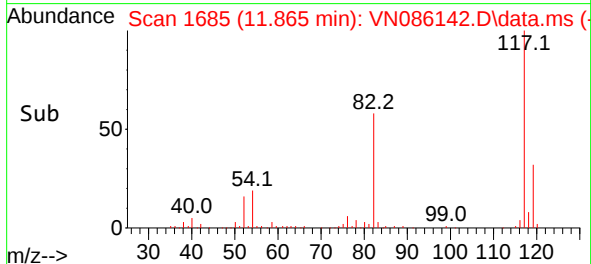
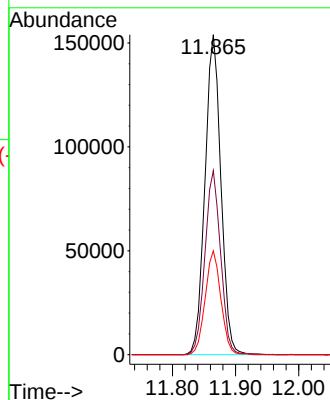
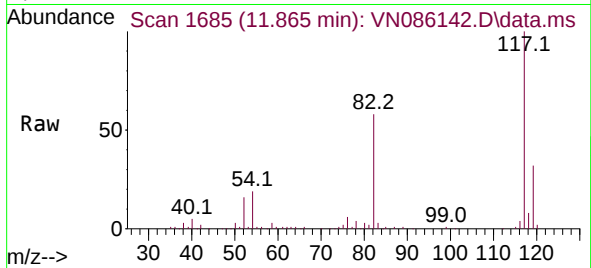




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

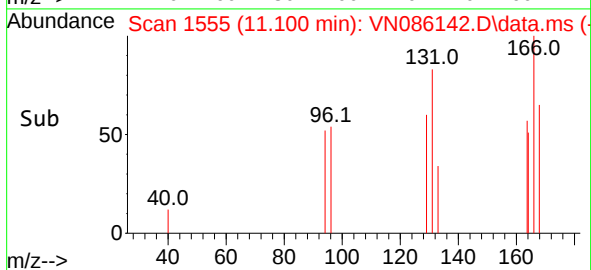
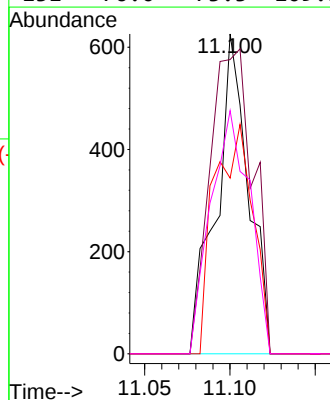
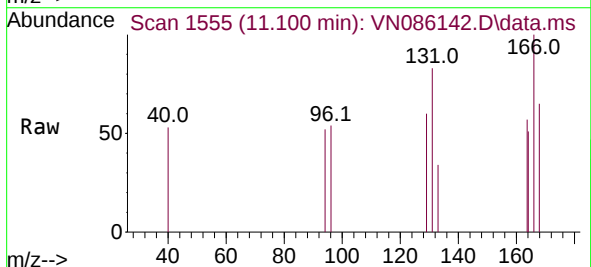
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

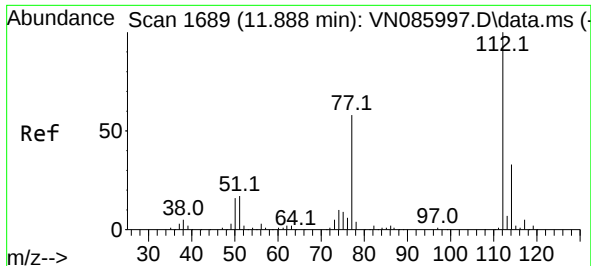
Tgt Ion:117 Resp: 270205
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 0.383 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:164 Resp: 826
Ion Ratio Lower Upper
164 100
166 92.0 103.7 155.5#
129 55.0 77.1 115.7#
131 76.0 73.3 109.9

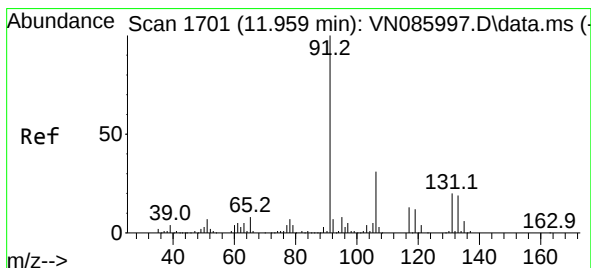
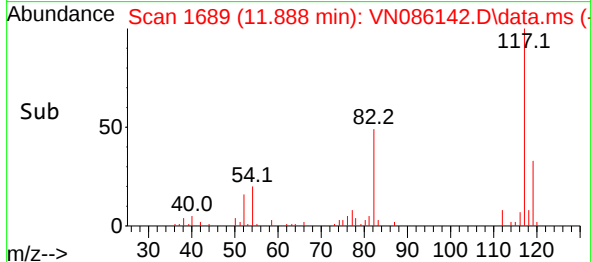
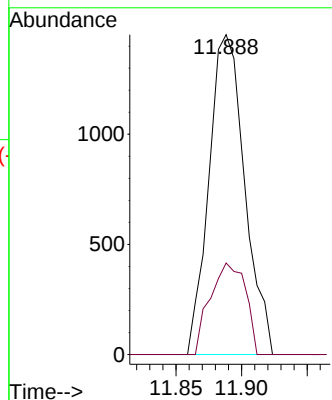
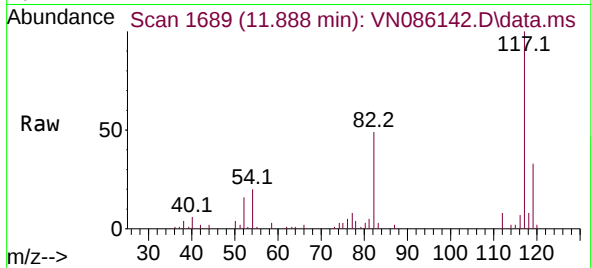




#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

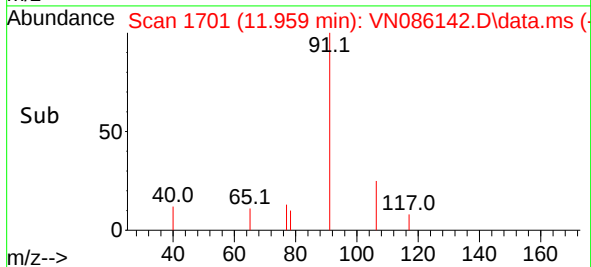
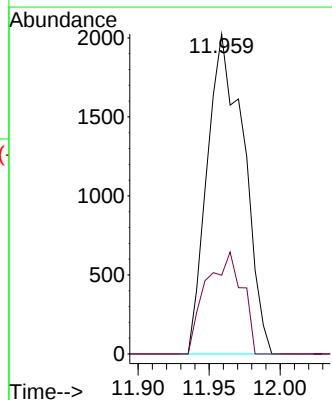
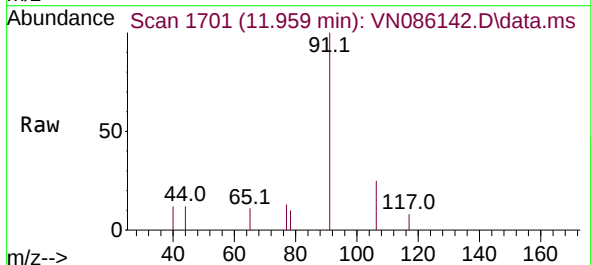
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

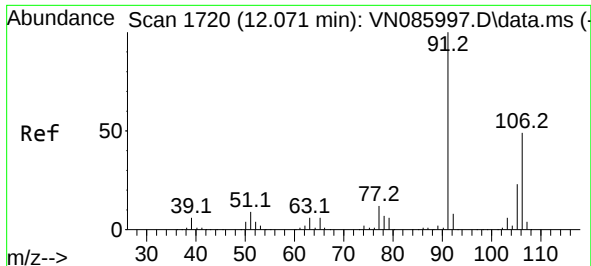
Tgt Ion:112 Resp: 2755
Ion Ratio Lower Upper
112 100
114 28.7 26.3 39.5



#67
Ethyl Benzene
Concen: 0.366 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 91 Resp: 3620
Ion Ratio Lower Upper
91 100
106 24.6 24.5 36.7

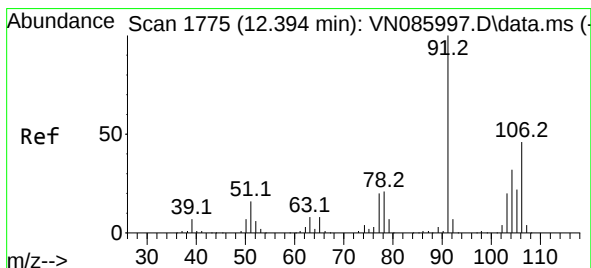
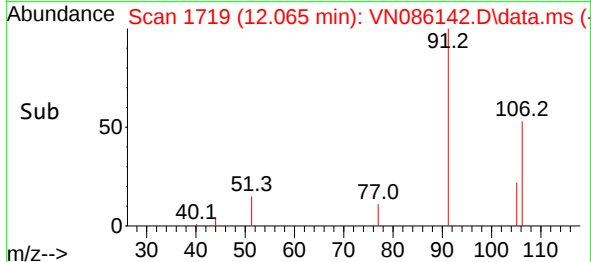
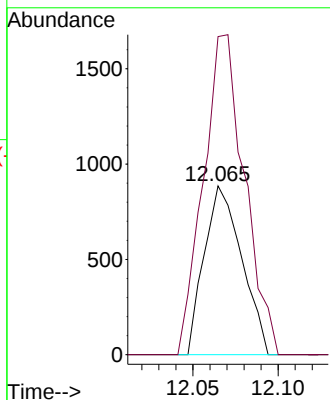
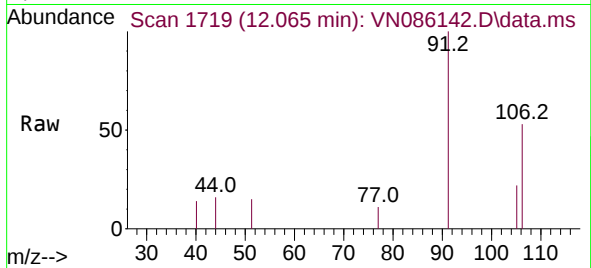




#68
m/p-Xylenes
Concen: 0.349 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

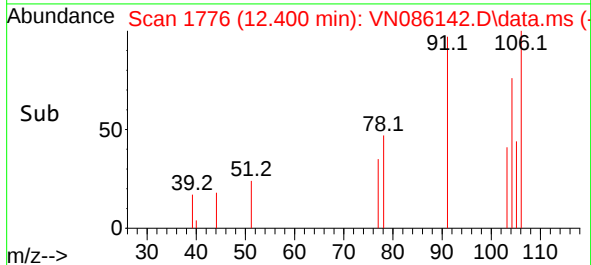
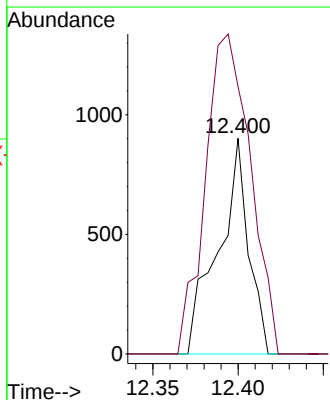
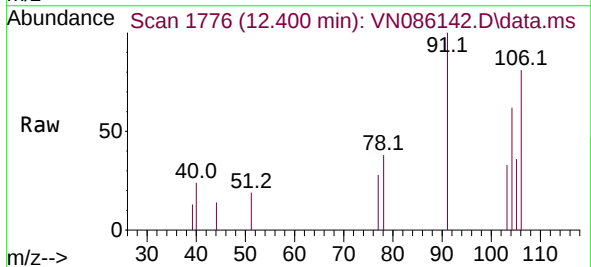
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

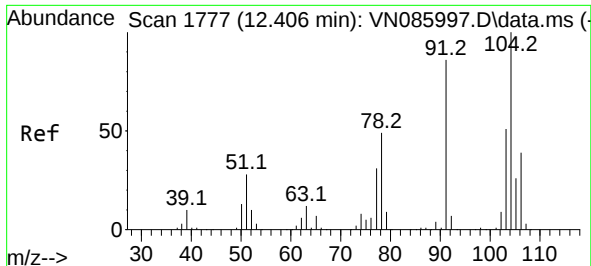
Tgt Ion:106 Resp: 1357
Ion Ratio Lower Upper
106 100
91 208.3 163.9 245.9



#69
o-Xylene
Concen: 0.312 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:106 Resp: 1112
Ion Ratio Lower Upper
106 100
91 221.6 109.1 327.2

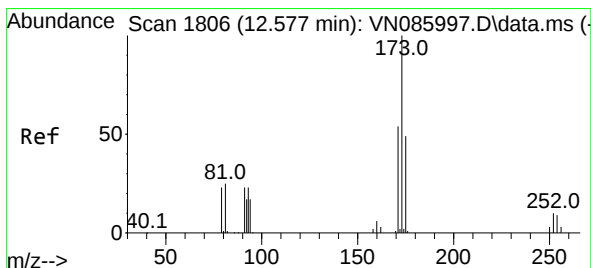
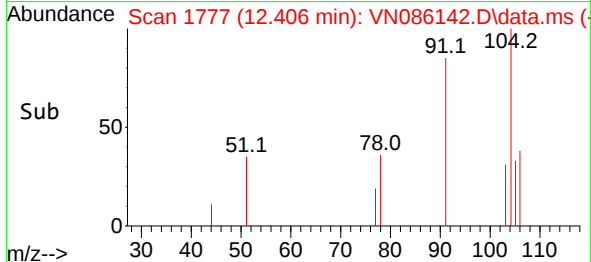
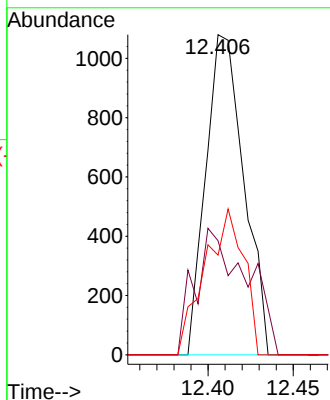
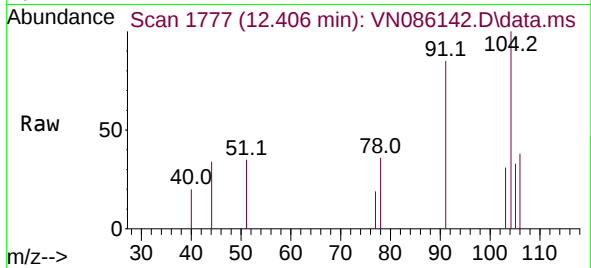




#70
 Styrene
 Concen: 0.275 ug/l
 RT: 12.406 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

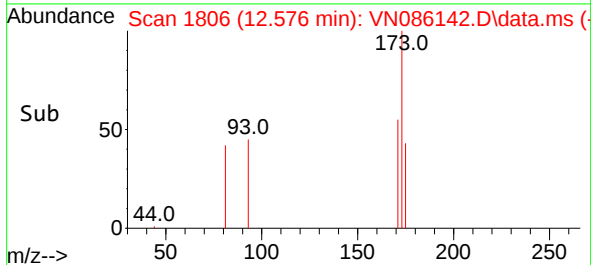
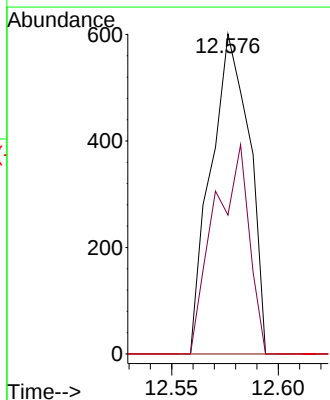
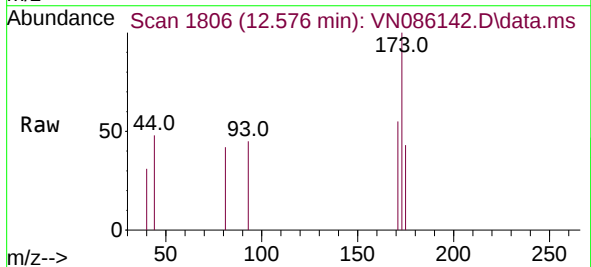
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

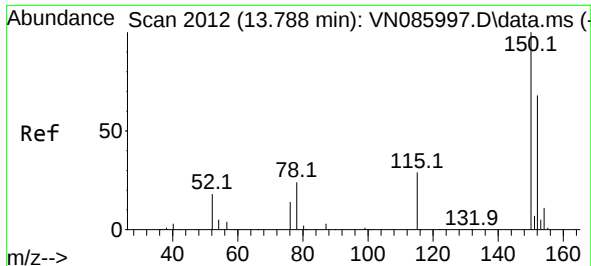
Tgt Ion:	104	Resp:	1678
Ion	Ratio	Lower	Upper
104	100		
78	53.4	41.4	62.2
103	46.7	42.9	64.3



#71
 Bromoform
 Concen: 0.392 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

Tgt Ion:	173	Resp:	754
Ion	Ratio	Lower	Upper
173	100		
175	59.5	24.3	73.0
254	0.0	0.0	0.0

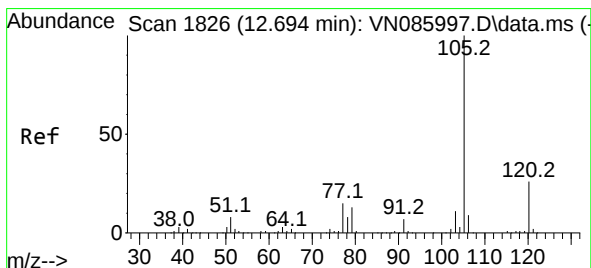
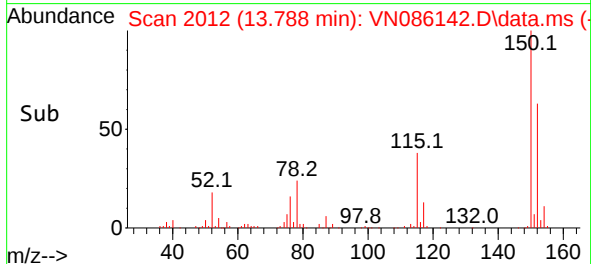
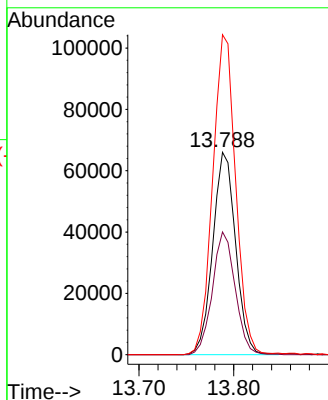
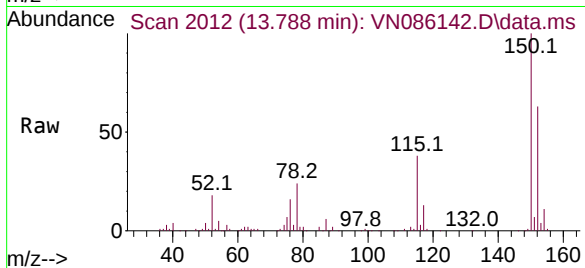




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

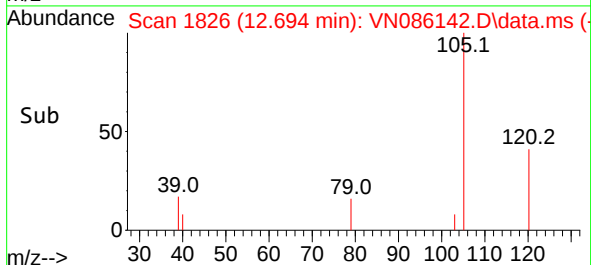
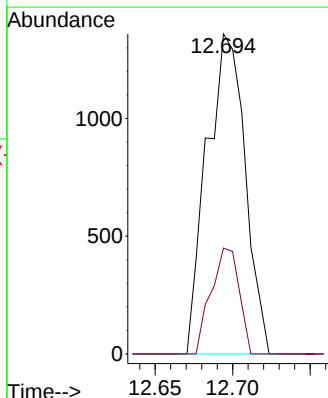
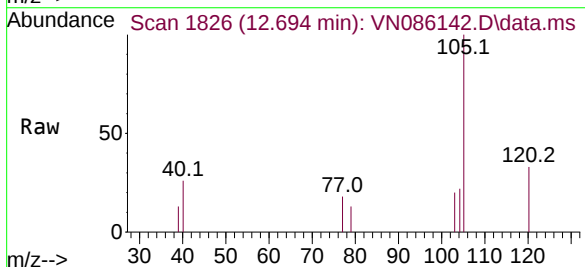
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

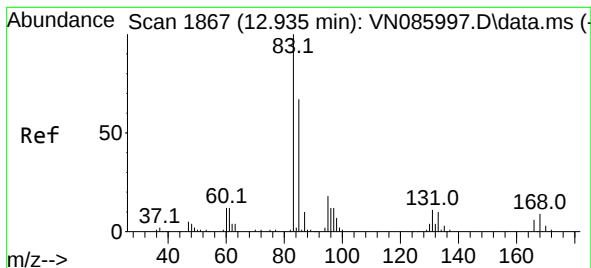
Tgt Ion:152 Resp: 111030
Ion Ratio Lower Upper
152 100
115 60.2 31.1 93.2
150 159.2 0.0 359.6



#73
Isopropylbenzene
Concen: 0.307 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:105 Resp: 2331
Ion Ratio Lower Upper
105 100
120 24.2 13.0 39.0

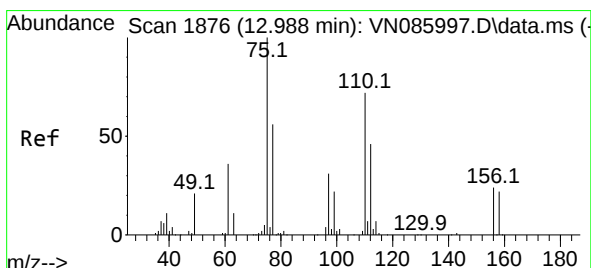
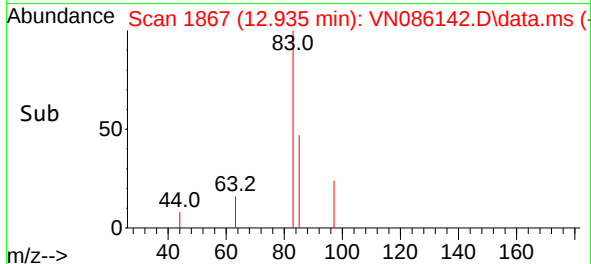
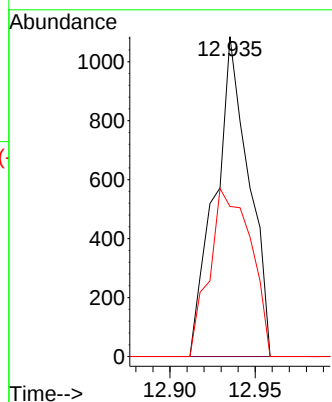
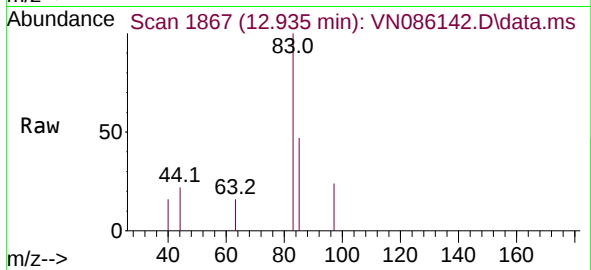




#75
1,1,2,2-Tetrachloroethane
Concen: 0.585 ug/l
RT: 12.935 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

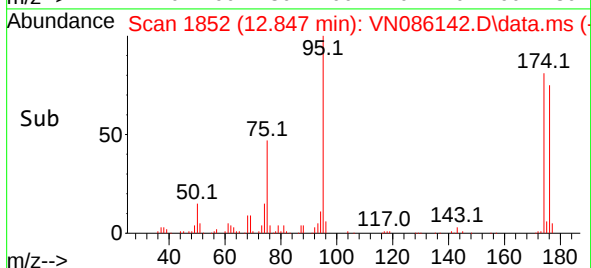
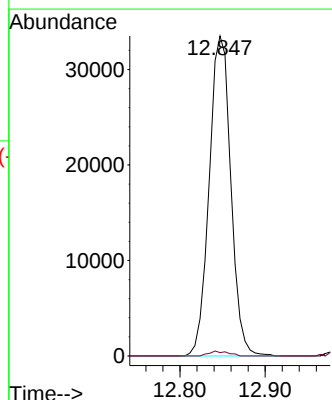
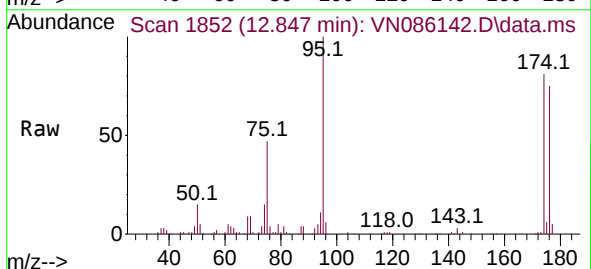
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

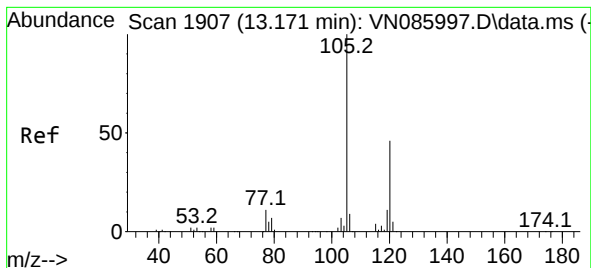
Tgt Ion: 83 Resp: 1501
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 64.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 23.816 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion: 75 Resp: 59200
Ion Ratio Lower Upper
75 100
77 1.4 83.7 251.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.362 ug/l

RT: 13.176 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN086142.D

Acq: 28 Mar 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

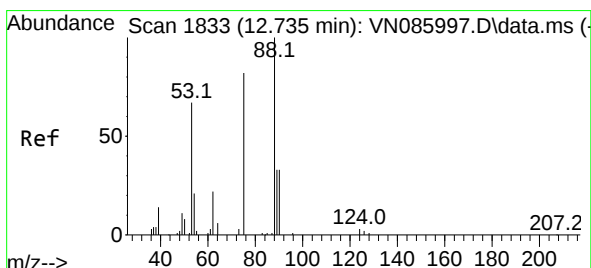
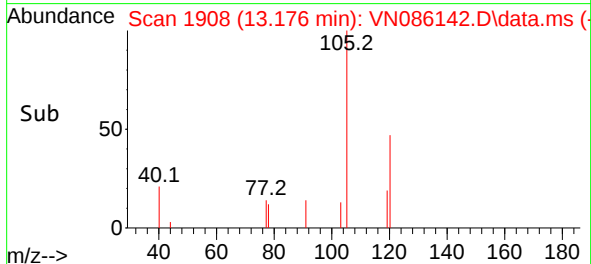
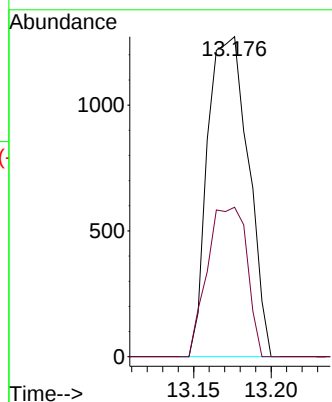
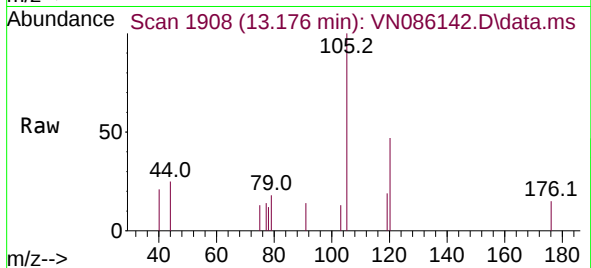
VN0328WBL01

Tgt Ion:105 Resp: 2315

Ion Ratio Lower Upper

105 100

120 45.5 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 62.965 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN086142.D

Acq: 28 Mar 2025 11:43

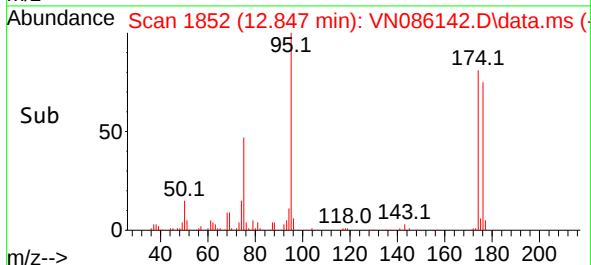
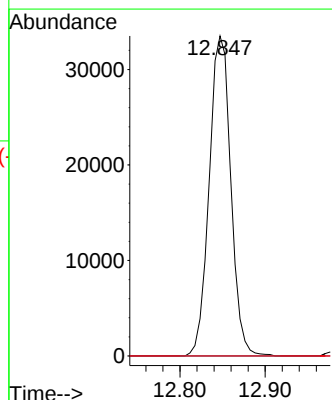
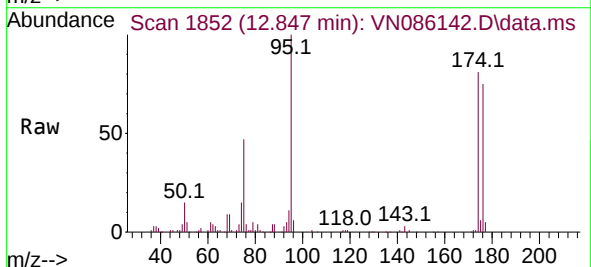
Tgt Ion: 75 Resp: 59200

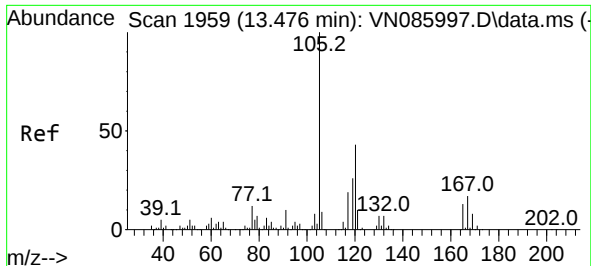
Ion Ratio Lower Upper

75 100

53 0.0 66.0 99.0#

89 0.0 36.9 55.3#

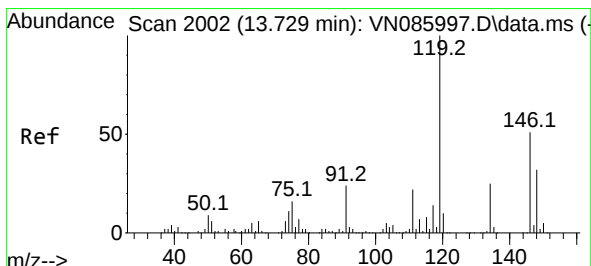
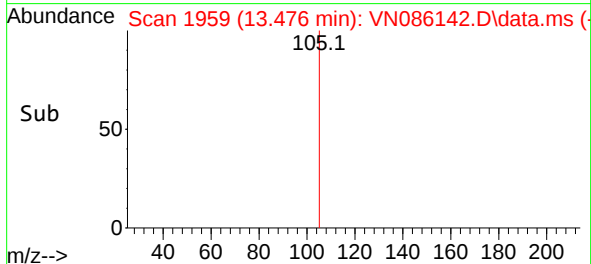
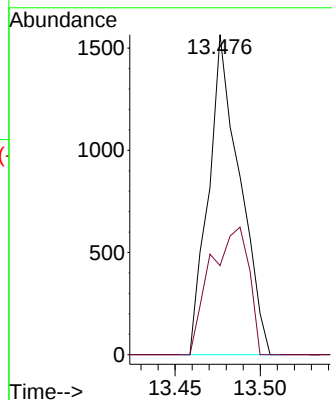
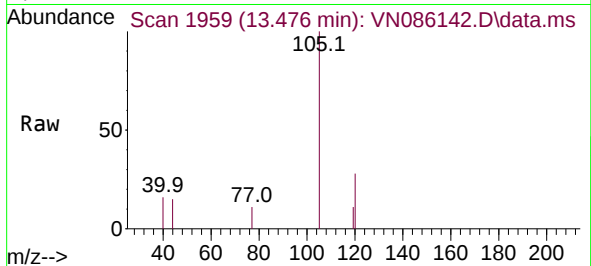




#84
1,2,4-Trimethylbenzene
Concen: 0.309 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

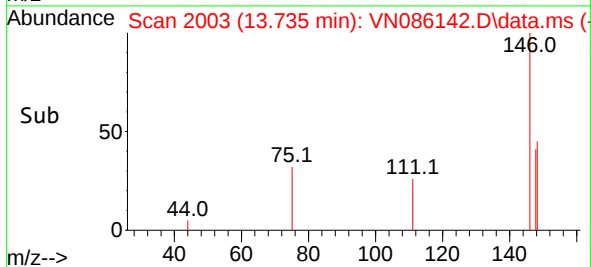
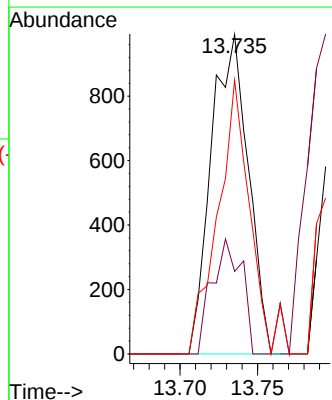
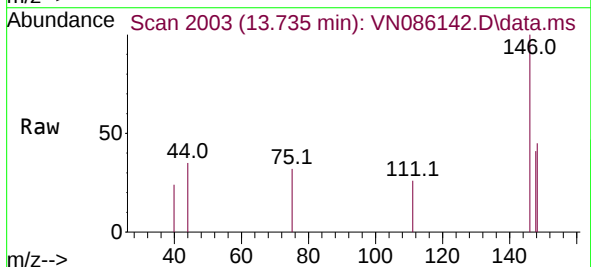
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

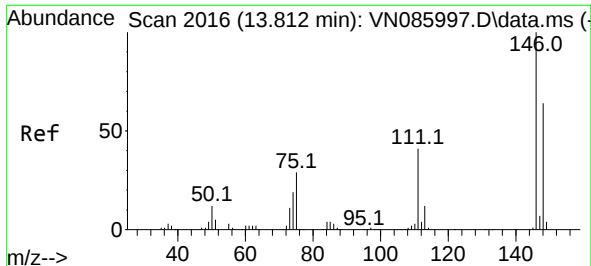
Tgt Ion:105 Resp: 1993
Ion Ratio Lower Upper
105 100
120 49.2 21.9 65.8



#87
1,3-Dichlorobenzene
Concen: 0.432 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:146 Resp: 1646
Ion Ratio Lower Upper
146 100
111 28.8 21.2 63.6
148 75.2 31.8 95.4

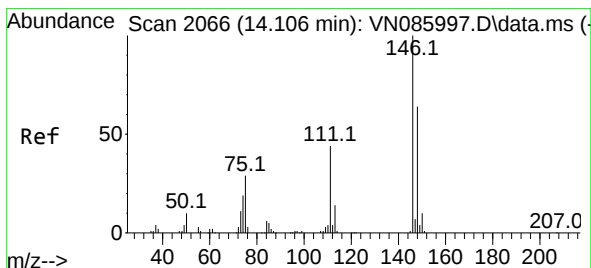
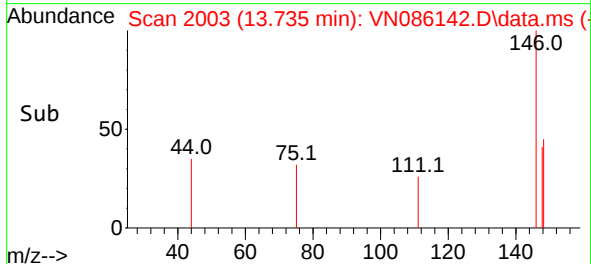
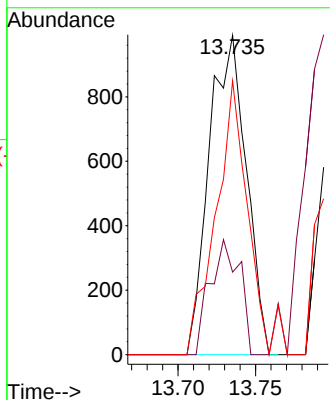
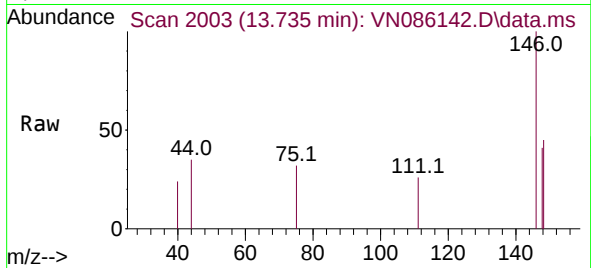




#88
 1,4-Dichlorobenzene
 Concen: 0.411 ug/l
 RT: 13.735 min Scan# 2016
 Delta R.T. -0.077 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

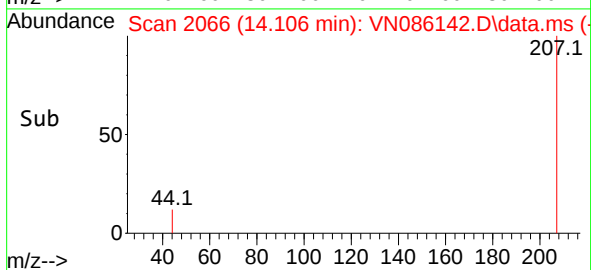
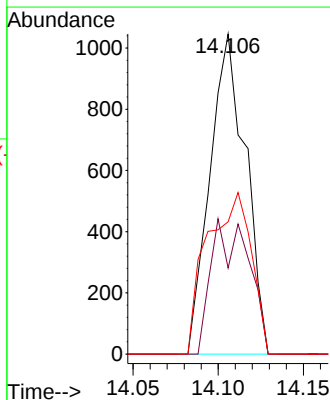
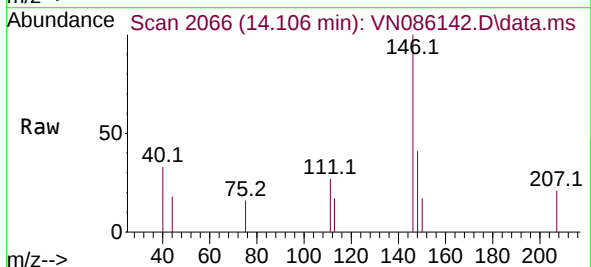
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

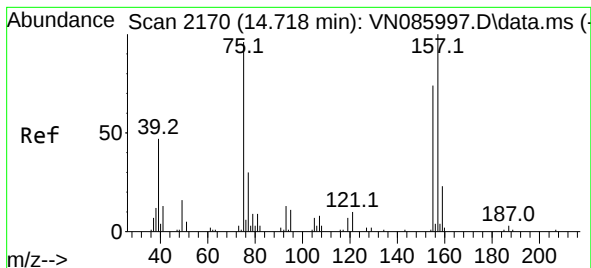
Tgt Ion:146	Resp:	1646
Ion	Ratio	Lower Upper
146	100	
111	28.8	20.4 61.3
148	75.2	32.1 96.5



#91
 1,2-Dichlorobenzene
 Concen: 0.401 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

Tgt Ion:146	Resp:	1519
Ion	Ratio	Lower Upper
146	100	
111	44.2	22.3 66.8
148	62.5	32.1 96.5

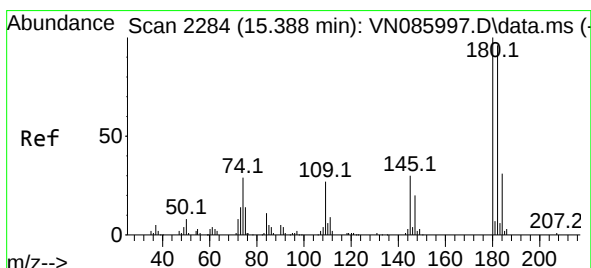
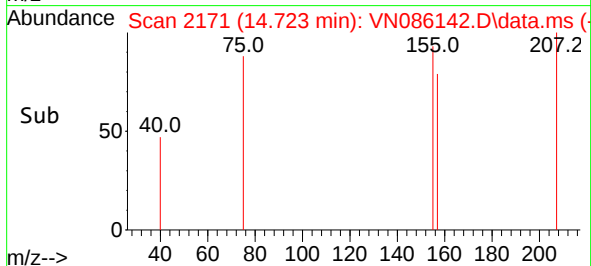
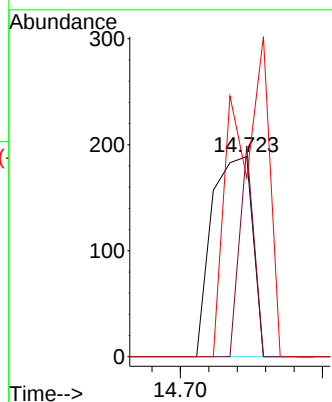
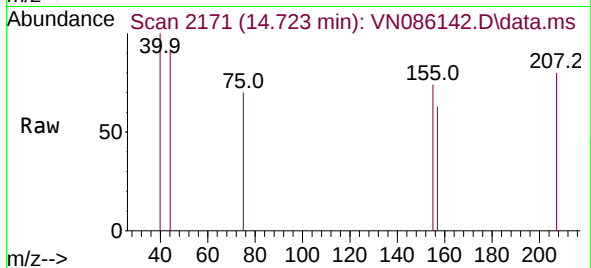




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.365 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

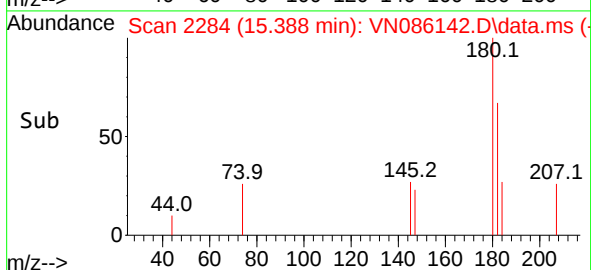
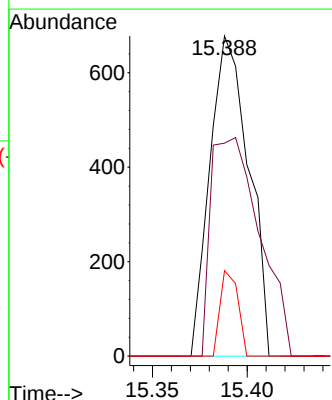
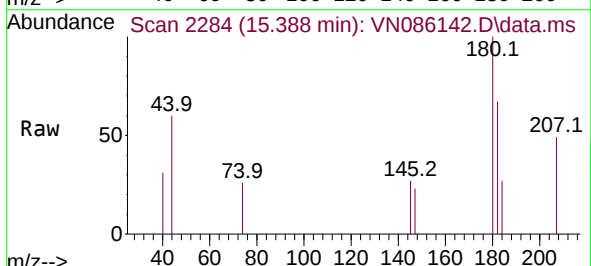
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

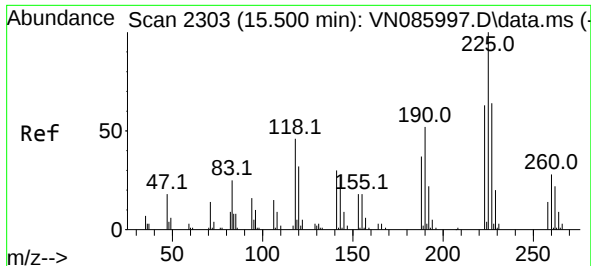
Tgt Ion: 75 Resp: 187
 Ion Ratio Lower Upper
 75 100
 155 37.4 41.0 123.0#
 157 135.3 53.7 161.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.509 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN086142.D
 Acq: 28 Mar 2025 11:43

Tgt Ion: 180 Resp: 969
 Ion Ratio Lower Upper
 180 100
 182 85.8 47.0 141.0
 145 12.2 15.5 46.5#

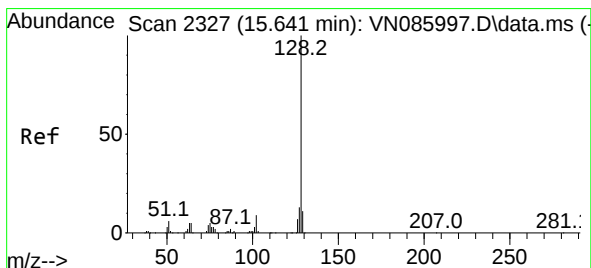
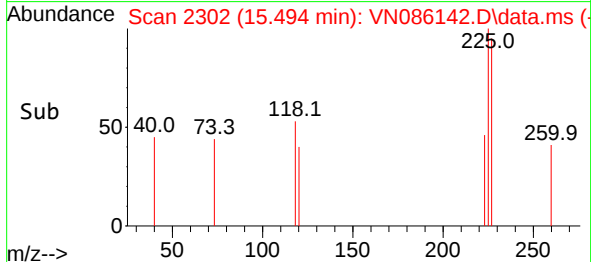
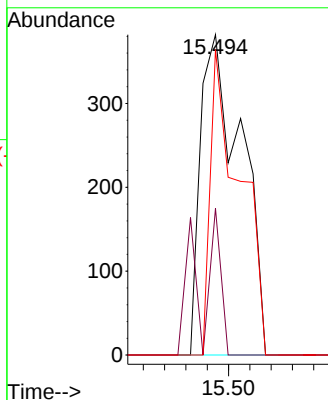
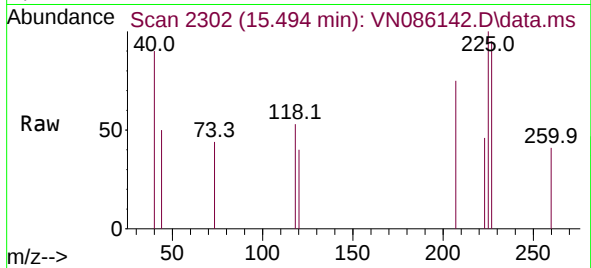




#94
Hexachlorobutadiene
Concen: 0.458 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

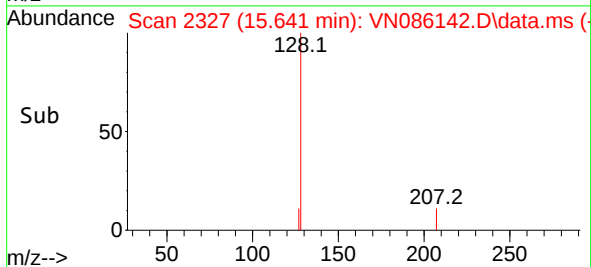
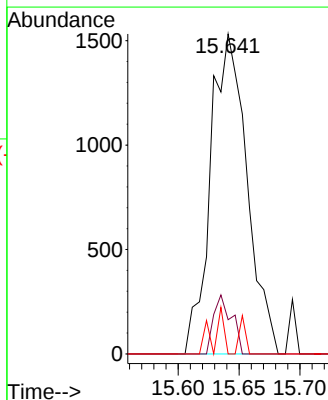
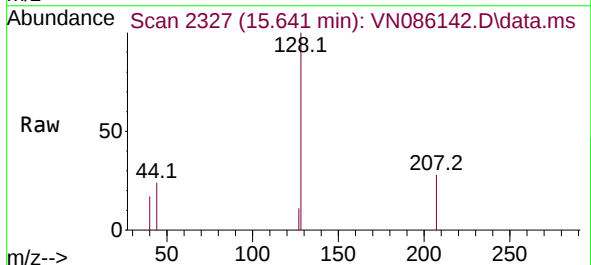
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

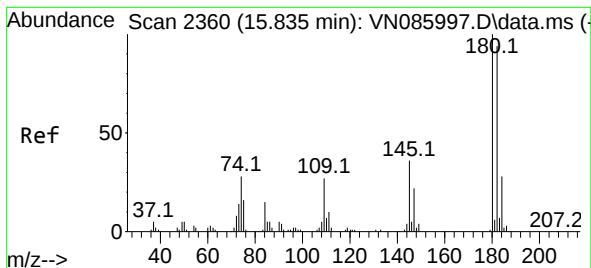
Tgt Ion:225 Resp: 506
Ion Ratio Lower Upper
225 100
223 23.7 31.3 93.9#
227 69.0 32.1 96.3



#95
Naphthalene
Concen: 0.580 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086142.D
Acq: 28 Mar 2025 11:43

Tgt Ion:128 Resp: 3197
Ion Ratio Lower Upper
128 100
127 9.1 10.2 15.4#
129 2.0 9.0 13.6#





#96

1,2,3-Trichlorobenzene

Concen: 0.266 ug/l

RT: 15.829 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086142.D

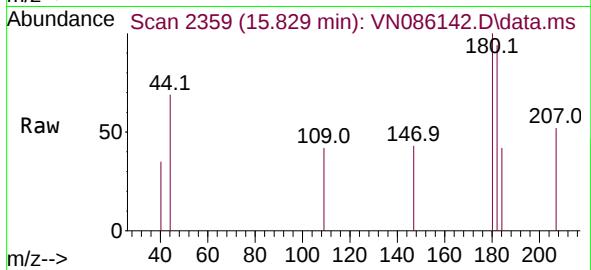
Acq: 28 Mar 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL01



Tgt Ion:180 Resp: 480

Ion Ratio Lower Upper

180 100

182 189.2 47.5 142.5#

145 0.0 17.7 53.1#

