

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088078.D
 Acq On : 23 Oct 2025 09:42
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 24 02:50:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:50:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	310632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	586229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	509993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	4115	0.766	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	1.540%#
35) Dibromofluoromethane	8.147	113	3854	0.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.960%#
50) Toluene-d8	10.547	98	11325	0.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.500%#
62) 4-Bromofluorobenzene	12.835	95	4596	0.858	ug/l	0.01
Spiked Amount	50.000	Range	77 - 121	Recovery	=	1.720%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	3763	1.074	ug/l	96
3) Chloromethane	2.389	50	4857	1.178	ug/l	88
4) Vinyl Chloride	2.542	62	4975	1.108	ug/l	98
5) Bromomethane	2.995	94	3748	1.395	ug/l #	74
6) Chloroethane	3.136	64	3717	1.149	ug/l #	72
7) Trichlorofluoromethane	3.501	101	7446	1.039	ug/l	87
8) Diethyl Ether	3.959	74	2835	1.065	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.353	101	3959	1.071	ug/l #	22
10) Methyl Iodide	4.577	142	2812	4.917	ug/l #	73
11) Tert butyl alcohol	5.524	59	7008	7.573	ug/l #	74
12) 1,1-Dichloroethene	4.348	96	5008	1.283	ug/l #	64
13) Acrolein	4.171	56	2982	2.865	ug/l #	25
14) Allyl chloride	5.012	41	6314	0.925	ug/l #	81
15) Acrylonitrile	5.712	53	12351	4.900	ug/l	95
16) Acetone	4.424	43	17476	6.476	ug/l	95
17) Carbon Disulfide	4.700	76	13312	1.122	ug/l	96
18) Methyl Acetate	5.024	43	6099	1.104	ug/l #	86
19) Methyl tert-butyl Ether	5.777	73	14637	1.021	ug/l	93
20) Methylene Chloride	5.265	84	5554	2.075	ug/l	93
21) trans-1,2-Dichloroethene	5.765	96	2329	0.539	ug/l #	94
22) Diisopropyl ether	6.659	45	14446	1.004	ug/l	89
23) Vinyl Acetate	6.594	43	60828	4.692	ug/l #	93
24) 1,1-Dichloroethane	6.553	63	8517	1.068	ug/l #	82
25) 2-Butanone	7.477	43	18000	5.114	ug/l	96
26) 2,2-Dichloropropane	7.477	77	8718	1.203	ug/l	93
27) cis-1,2-Dichloroethene	7.471	96	5492	1.113	ug/l	93
28) Bromochloromethane	7.800	49	3776	1.002	ug/l #	98
29) Tetrahydrofuran	7.836	42	12815	5.529	ug/l #	65
30) Chloroform	7.953	83	8286	1.040	ug/l	96
31) Cyclohexane	8.218	56	11863	1.578	ug/l #	66
32) 1,1,1-Trichloroethane	8.153	97	8036	1.133	ug/l #	43
36) 1,1-Dichloropropene	8.347	75	6036	1.050	ug/l	90
37) Ethyl Acetate	7.553	43	5802	0.785	ug/l #	92
38) Carbon Tetrachloride	8.347	117	6381	1.074	ug/l #	92
39) Methylcyclohexane	9.583	83	8221	1.112	ug/l	92
40) Benzene	8.588	78	19008	1.085	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	4616	1.182	ug/l #	89
42) 1,2-Dichloroethane	8.653	62	6475	1.041	ug/l	100
43) Isopropyl Acetate	8.671	43	11616	1.019	ug/l	96
44) Trichloroethene	9.330	130	4394	1.073	ug/l	93
45) 1,2-Dichloropropane	9.600	63	4927	1.114	ug/l	91
46) Dibromomethane	9.688	93	3222	1.022	ug/l	90
47) Bromodichloromethane	9.871	83	6578	1.042	ug/l #	99
48) Methyl methacrylate	9.671	41	3550	0.655	ug/l #	59
49) 1,4-Dioxane	9.683	88	757	11.561	ug/l #	25
51) 4-Methyl-2-Pentanone	10.430	43	32109	4.760	ug/l	96
52) Toluene	10.606	92	11382	1.054	ug/l	90
53) t-1,3-Dichloropropene	10.818	75	6496	0.967	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	7213	1.012	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	4933	1.204	ug/l #	82
56) Ethyl methacrylate	10.871	69	4974	0.768	ug/l #	92
57) 1,3-Dichloropropane	11.147	76	7489	1.040	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.141	63	16393	4.862	ug/l	99
59) 2-Hexanone	11.182	43	12458	2.813	ug/l	92
60) Dibromochloromethane	11.341	129	4900	1.052	ug/l	90
61) 1,2-Dibromoethane	11.447	107	4721	1.120	ug/l	83
64) Tetrachloroethene	11.088	164	4083	1.214	ug/l #	79
65) Chlorobenzene	11.876	112	12205	1.054	ug/l #	89
66) 1,1,1,2-Tetrachloroethane	11.941	131	4044	1.066	ug/l #	65
67) Ethyl Benzene	11.947	91	21103	1.038	ug/l	96
68) m/p-Xylenes	12.053	106	14958	1.964	ug/l	93
69) o-Xylene	12.382	106	6831	0.946	ug/l	98
70) Styrene	12.394	104	9645	0.819	ug/l	99
71) Bromoform	12.565	173	2730	0.964	ug/l #	100
73) Isopropylbenzene	12.676	105	19589	1.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.923	83	6098	1.086	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	6808	1.360	ug/l	94
77) Bromobenzene	12.959	156	3862	0.993	ug/l	71
78) n-propylbenzene	13.018	91	22793	1.036	ug/l	99
79) 2-Chlorotoluene	13.106	91	11655	0.929	ug/l	93
80) 1,3,5-Trimethylbenzene	13.153	105	15569	1.039	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.723	75	713	0.371	ug/l #	44
82) 4-Chlorotoluene	13.200	91	15055	1.109	ug/l	93
83) tert-Butylbenzene	13.418	119	14748	1.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	15160	1.012	ug/l	97
85) sec-Butylbenzene	13.594	105	21410	1.089	ug/l	96
86) p-Isopropyltoluene	13.712	119	15289	0.970	ug/l	90
87) 1,3-Dichlorobenzene	13.718	146	8312	1.071	ug/l	100
88) 1,4-Dichlorobenzene	13.718	146	8312	0.994	ug/l	99
89) n-Butylbenzene	14.035	91	15880	1.017	ug/l	97
90) Hexachloroethane	14.312	117	3211	1.052	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	8266	1.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1522	1.165	ug/l	75
93) 1,2,4-Trichlorobenzene	15.370	180	4946	1.091	ug/l	90
94) Hexachlorobutadiene	15.476	225	1928	1.142	ug/l	96
95) Naphthalene	15.617	128	16137	1.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.823	180	5137	1.182	ug/l	83

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Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

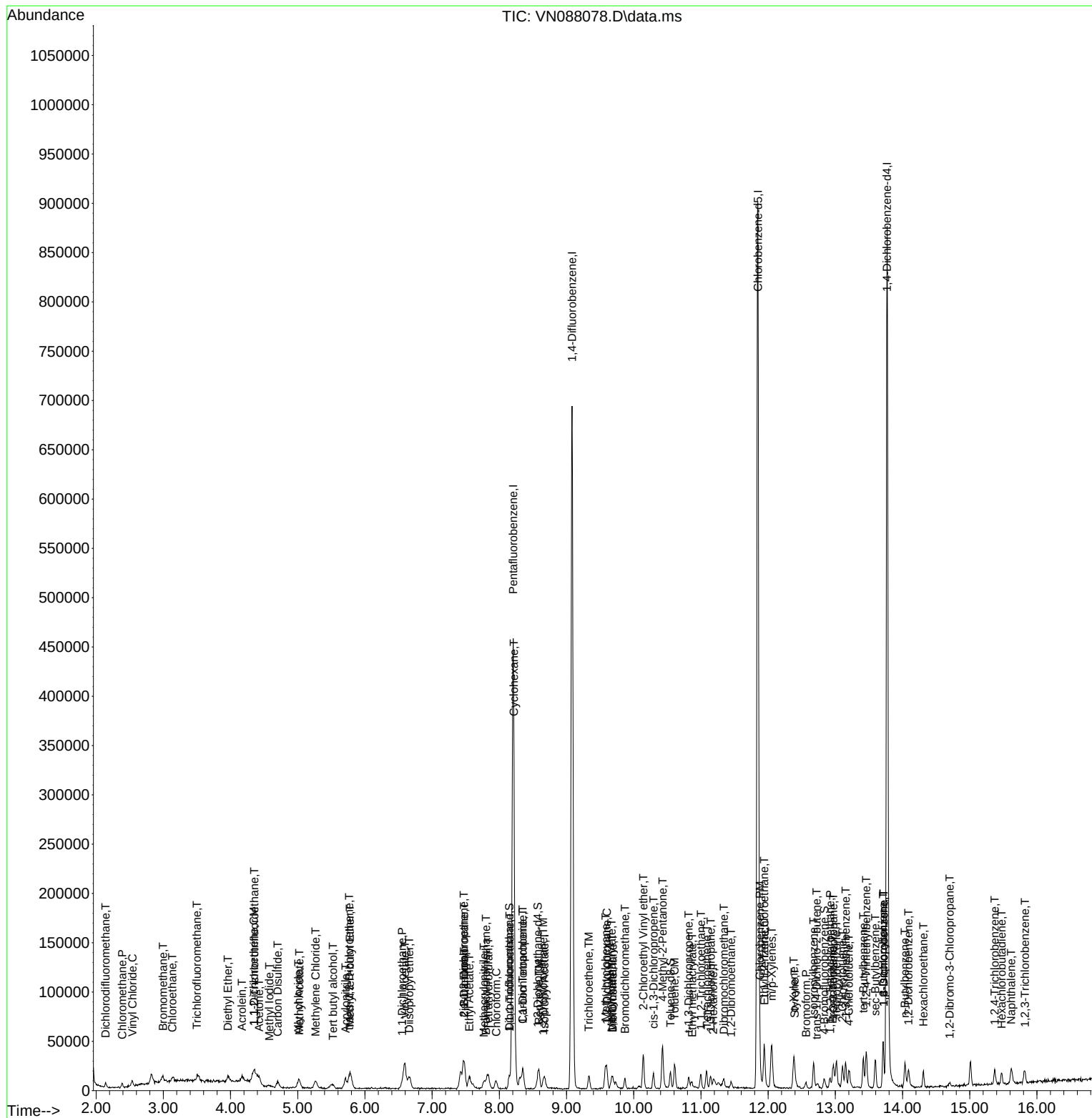
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

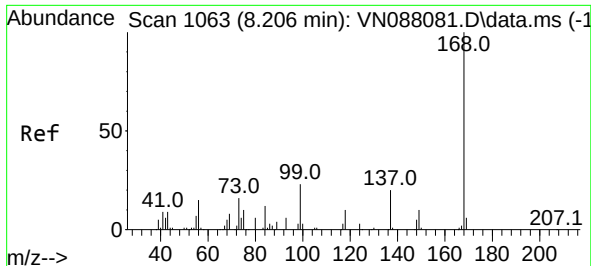
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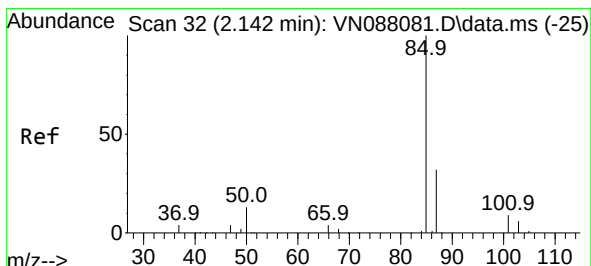
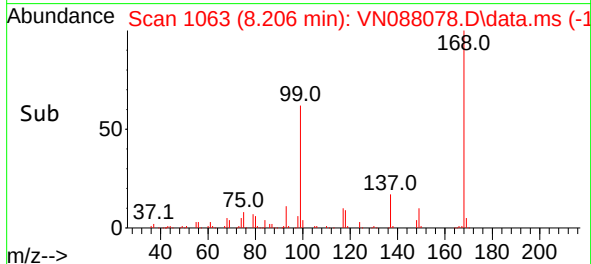
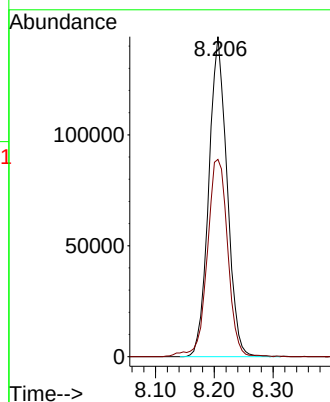
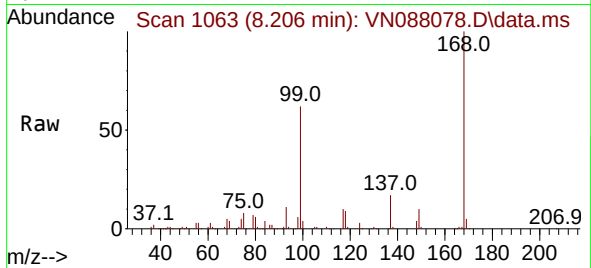




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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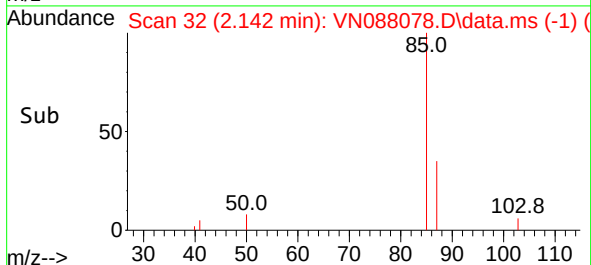
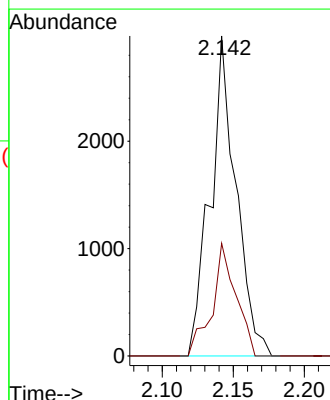
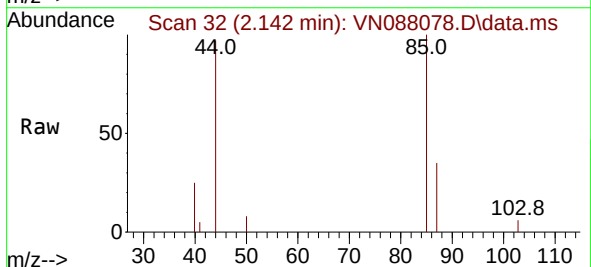
Instrument :
MSVOA_N
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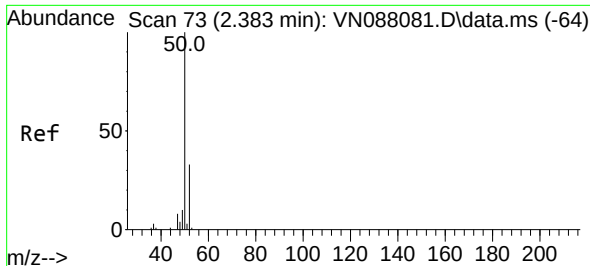
Tgt Ion:168 Resp: 310632
Ion Ratio Lower Upper
168 100
99 61.5 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 1.074 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 85 Resp: 3763
Ion Ratio Lower Upper
85 100
87 35.2 16.6 49.8

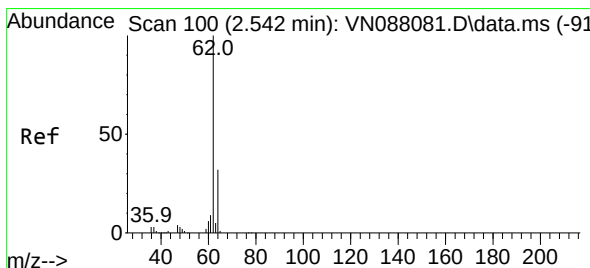
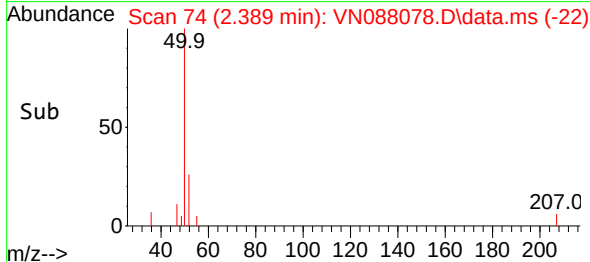
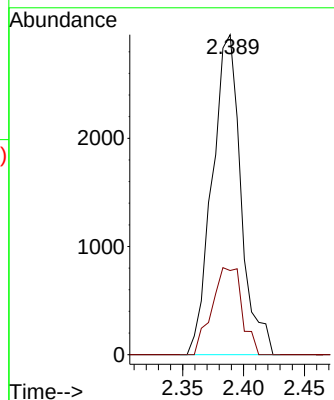
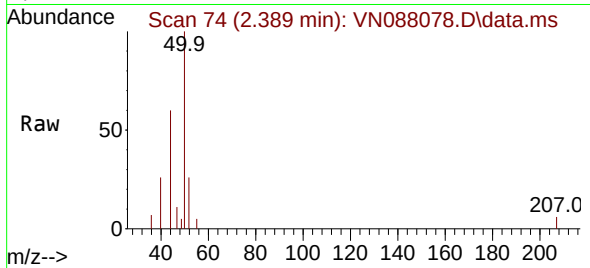




#3
Chloromethane
Concen: 1.178 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

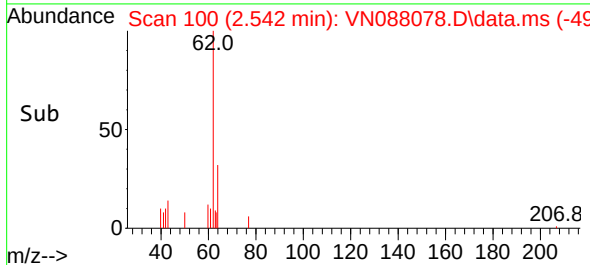
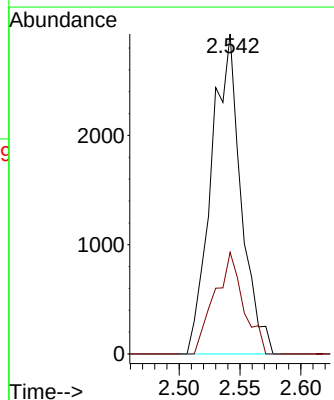
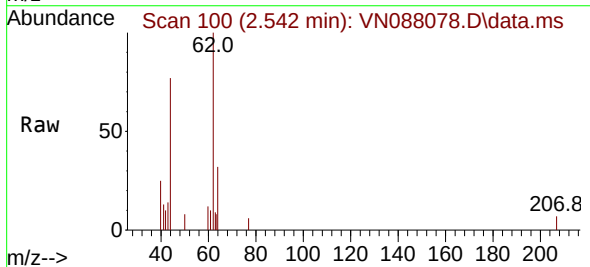
Instrument :
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ClientSampleId :
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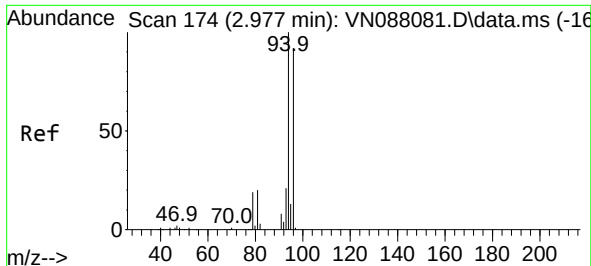
Tgt Ion: 50 Resp: 4857
Ion Ratio Lower Upper
50 100
52 26.3 26.2 39.4



#4
Vinyl Chloride
Concen: 1.108 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 62 Resp: 4975
Ion Ratio Lower Upper
62 100
64 31.8 24.6 37.0

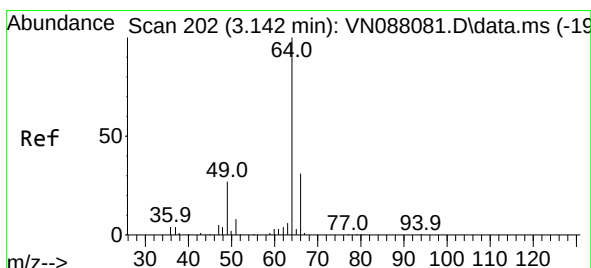
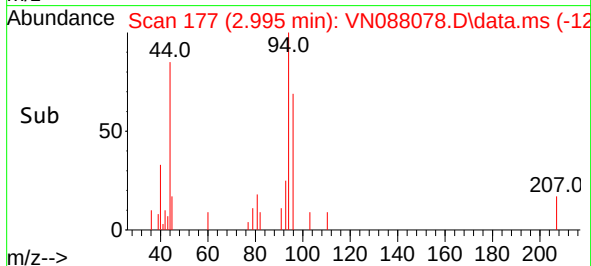
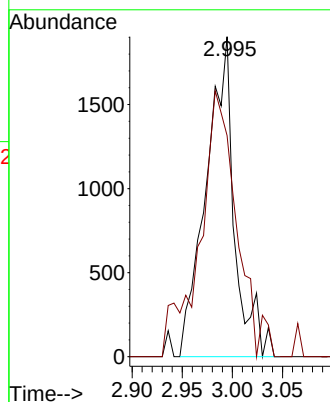
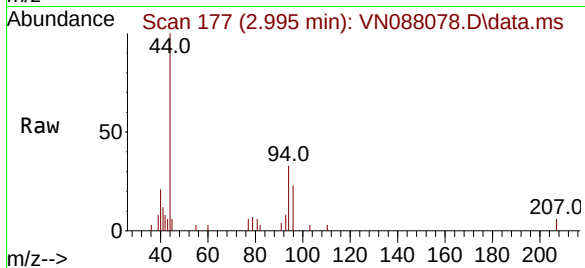




#5
Bromomethane
Concen: 1.395 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

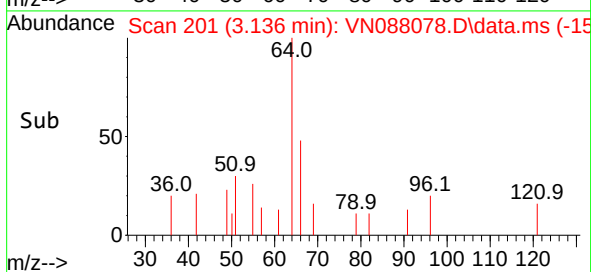
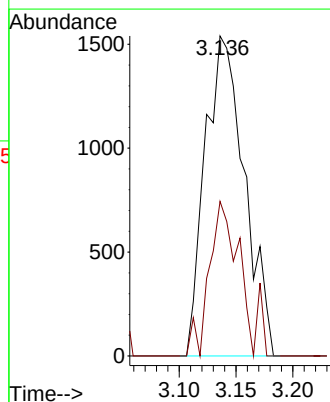
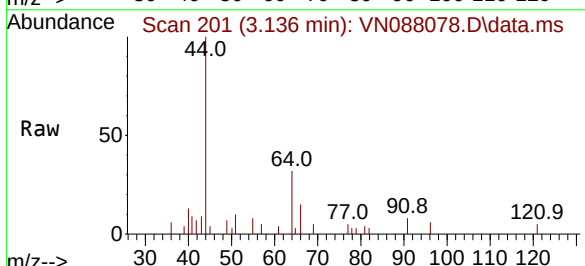
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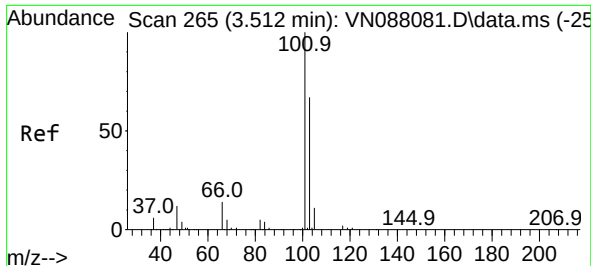
Tgt Ion: 94 Resp: 3748
Ion Ratio Lower Upper
94 100
96 69.1 75.4 113.2#



#6
Chloroethane
Concen: 1.149 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 64 Resp: 3717
Ion Ratio Lower Upper
64 100
66 48.3 26.2 39.2#

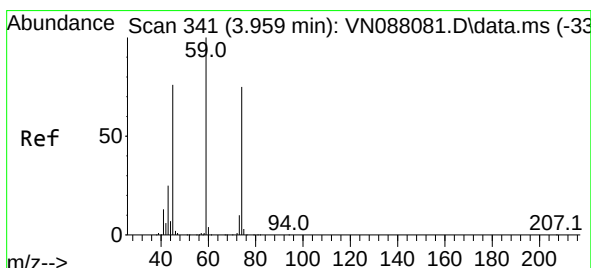
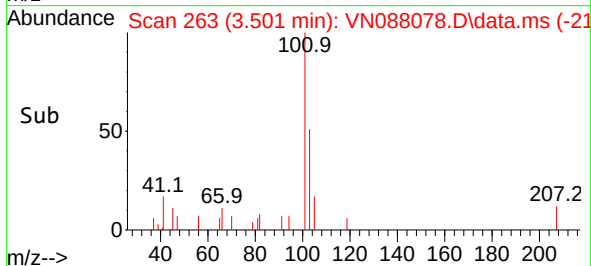
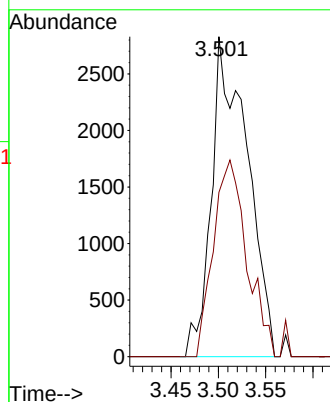
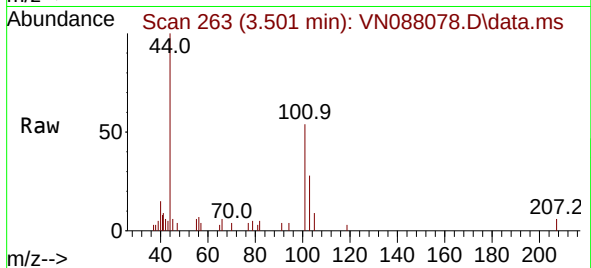




#7
 Trichlorofluoromethane
 Concen: 1.039 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

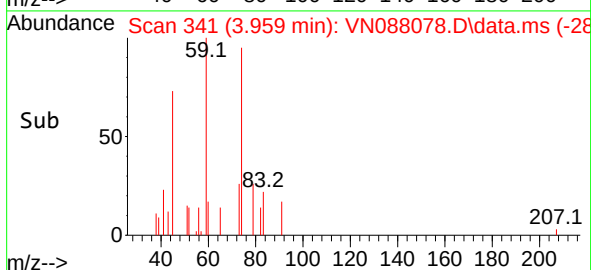
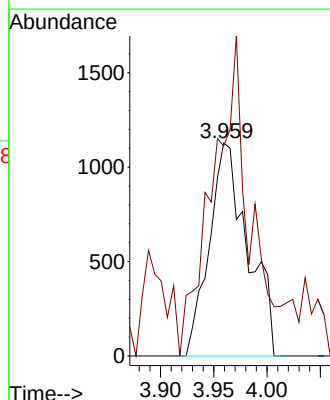
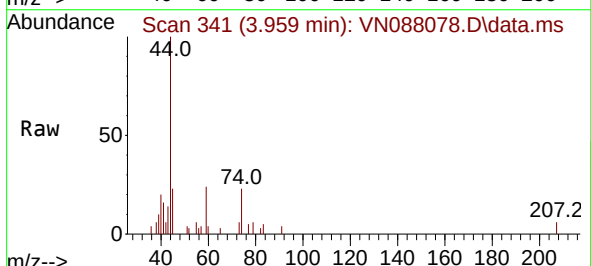
Instrument :
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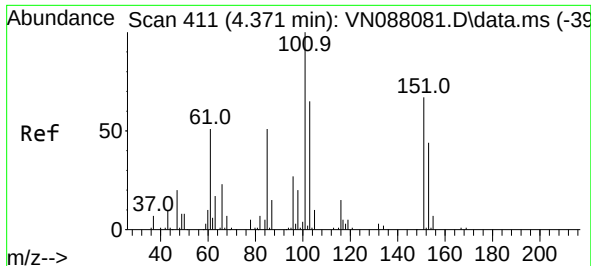
Tgt Ion:101 Resp: 7446
 Ion Ratio Lower Upper
 101 100
 103 51.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 1.065 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088078.D
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Tgt Ion: 74 Resp: 2835
 Ion Ratio Lower Upper
 74 100
 45 142.0 50.6 151.9

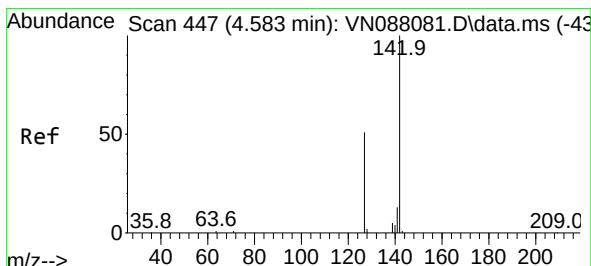
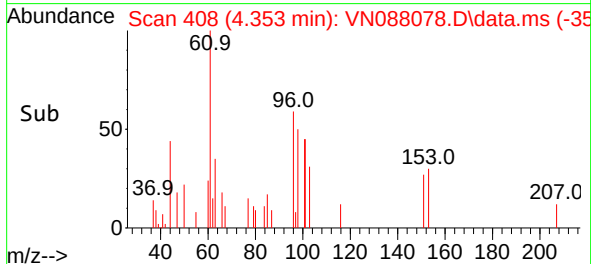
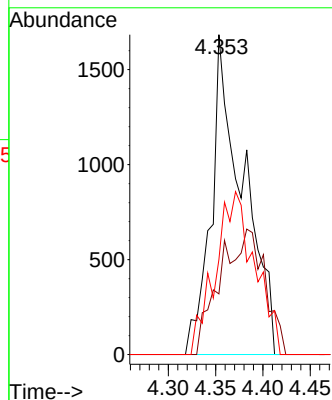
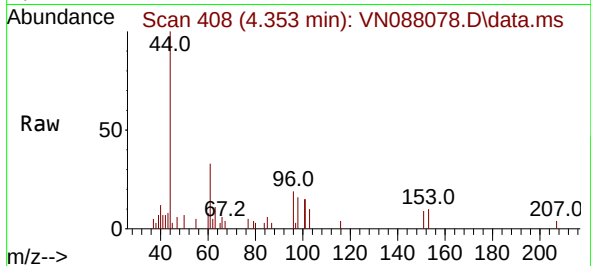




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.071 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

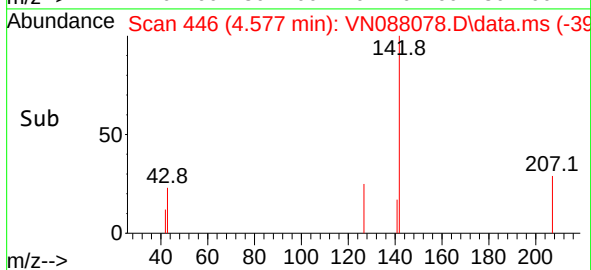
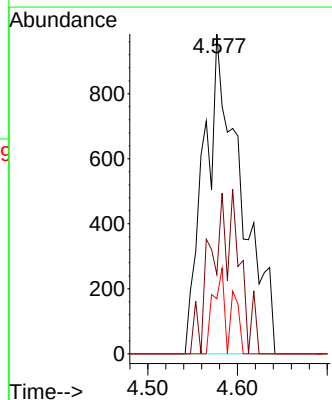
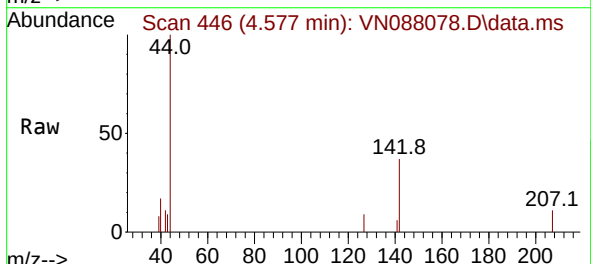
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

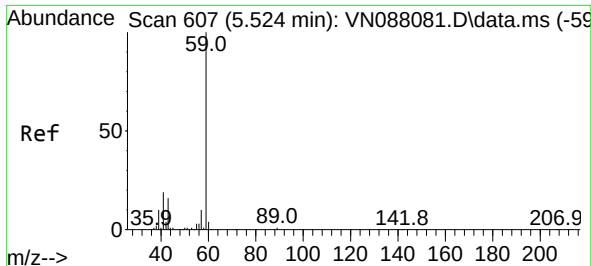
Tgt Ion:101 Resp: 3959
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 0.0 54.7 82.1#



#10
Methyl Iodide
Concen: 4.917 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:142 Resp: 2812
Ion Ratio Lower Upper
142 100
127 24.8 38.0 57.0#
141 17.3 12.0 18.0

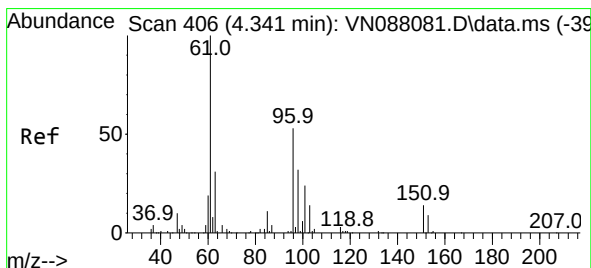
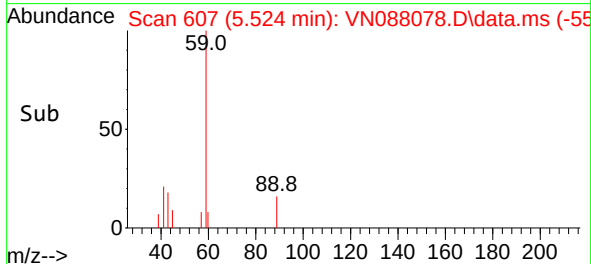
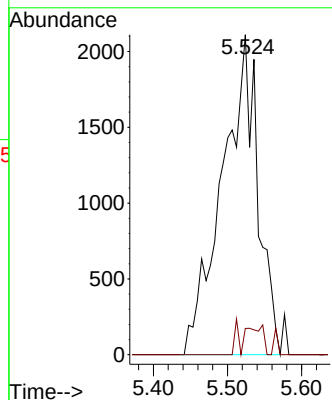
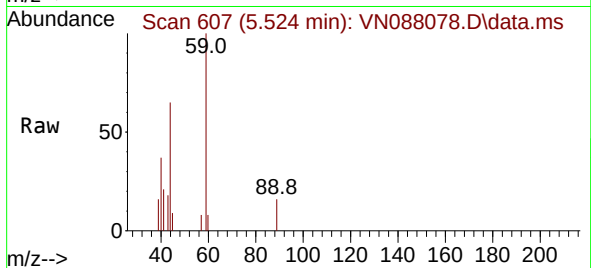




#11
Tert butyl alcohol
Concen: 7.573 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

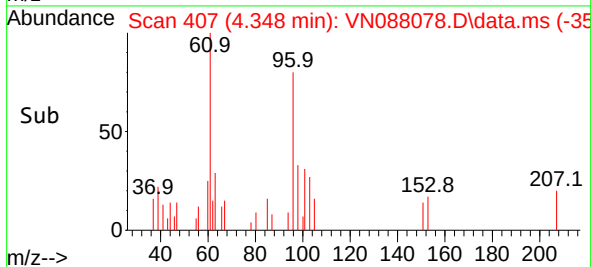
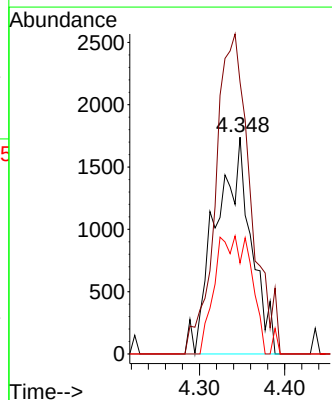
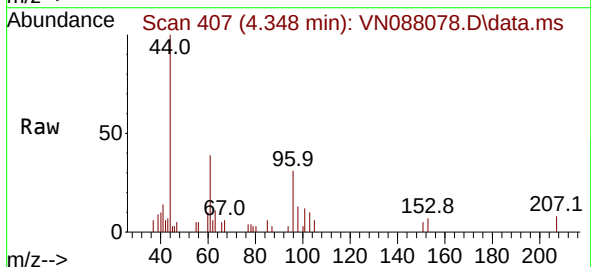
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

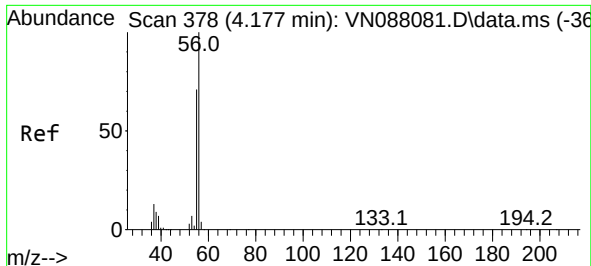
Tgt Ion: 59 Resp: 7008
Ion Ratio Lower Upper
59 100
57 1.2 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 1.283 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 96 Resp: 5008
Ion Ratio Lower Upper
96 100
61 125.4 143.8 215.8#
98 42.0 52.1 78.1#

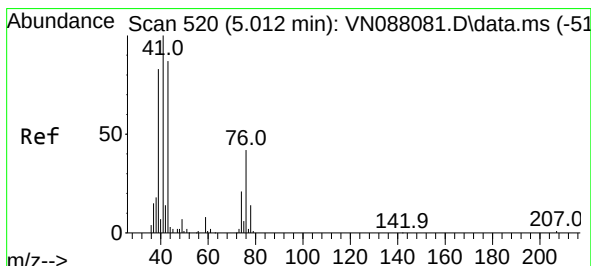
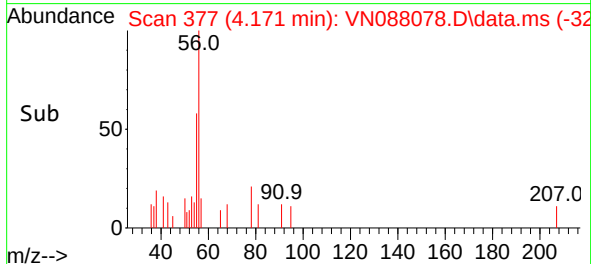
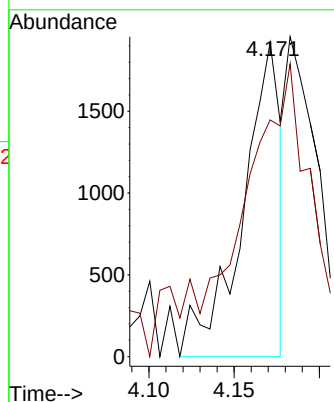
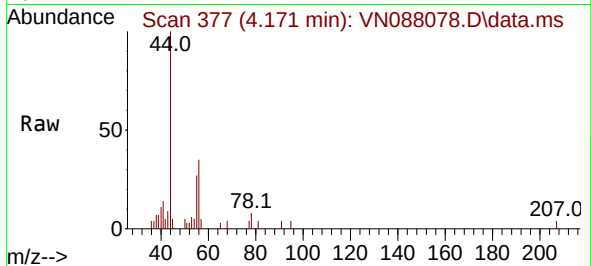




#13
Acrolein
Concen: 2.865 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

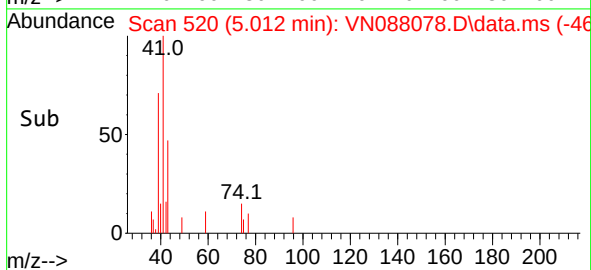
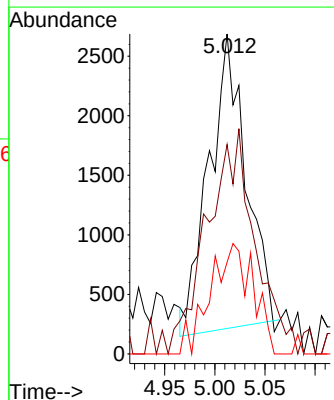
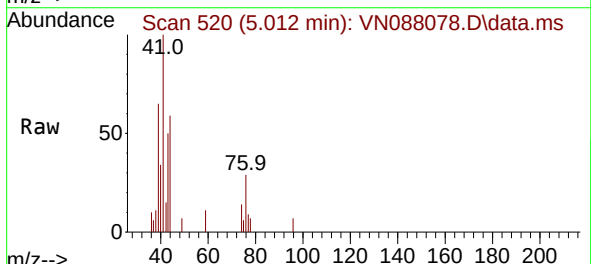
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

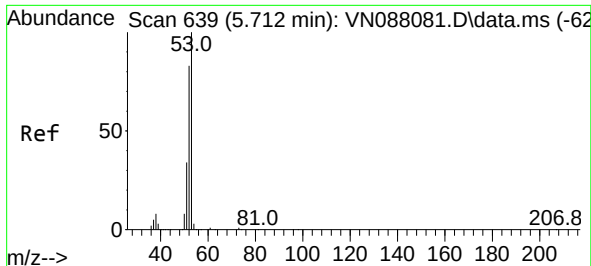
Tgt Ion: 56 Resp: 2982
Ion Ratio Lower Upper
56 100
55 134.3 57.3 85.9#



#14
Allyl chloride
Concen: 0.925 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 41 Resp: 6314
Ion Ratio Lower Upper
41 100
39 98.4 63.9 95.9#
76 43.7 28.1 42.1#

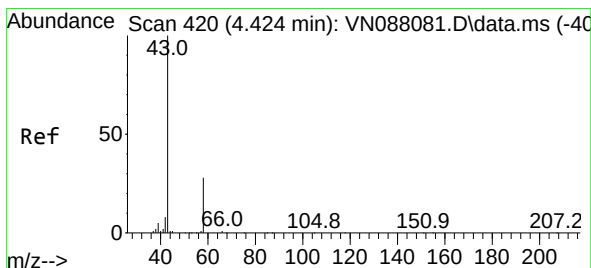
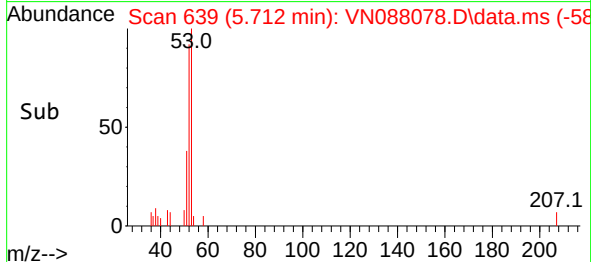
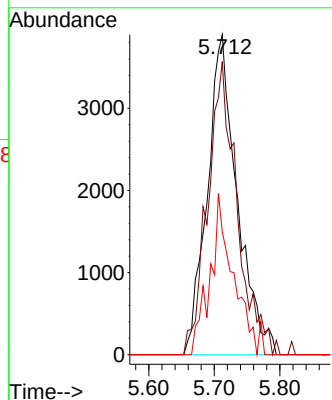
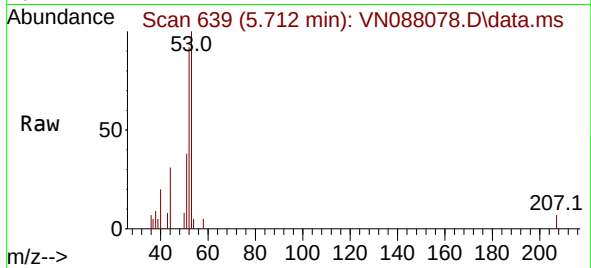




#15
Acrylonitrile
Concen: 4.900 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

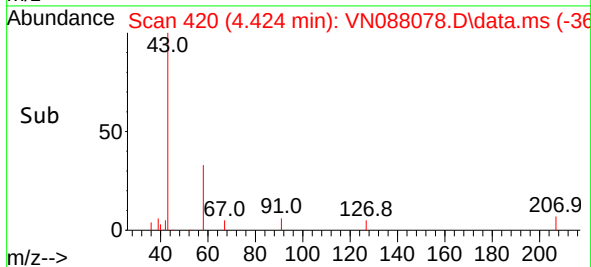
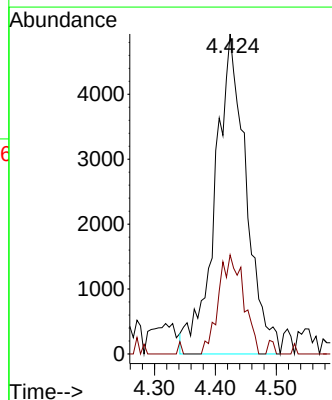
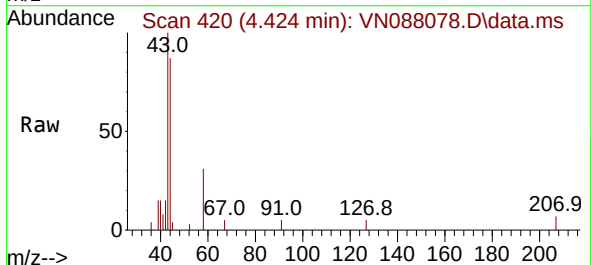
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

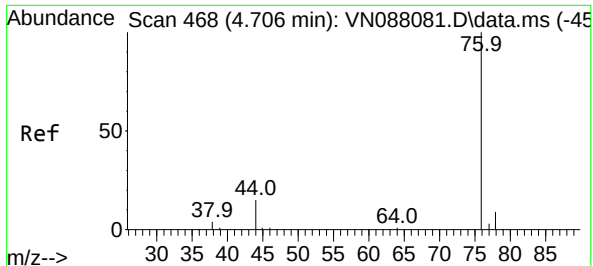
Tgt Ion:	53	Resp:	12351
Ion	Ratio	Lower	Upper
53	100		
52	90.1	67.6	101.4
51	38.6	30.1	45.1



#16
Acetone
Concen: 6.476 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:	43	Resp:	17476
Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.6	33.8

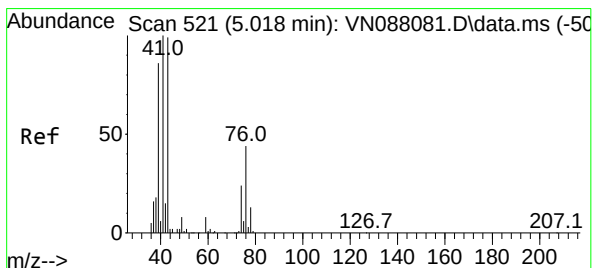
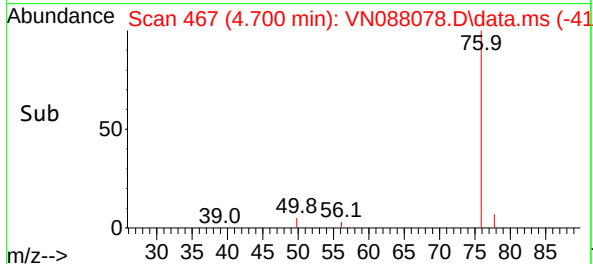
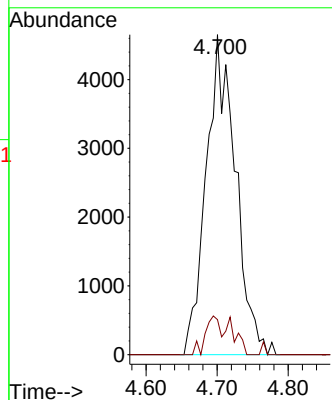
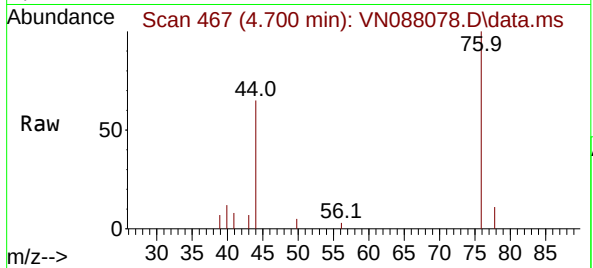




#17
Carbon Disulfide
Concen: 1.122 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

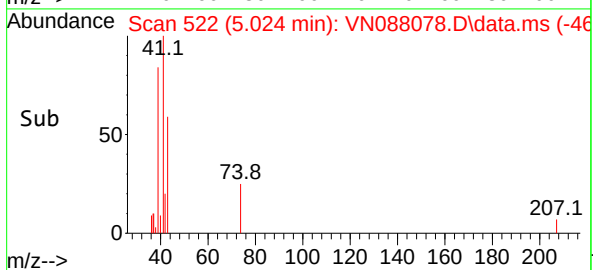
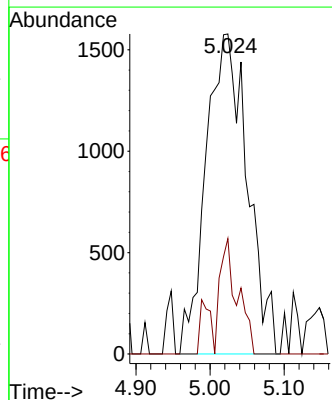
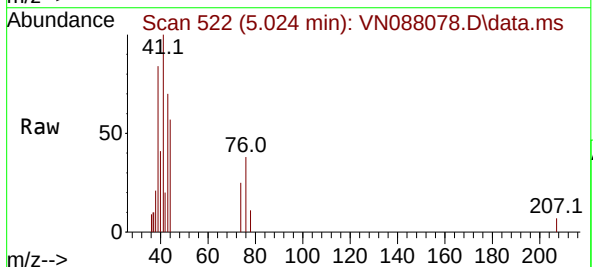
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

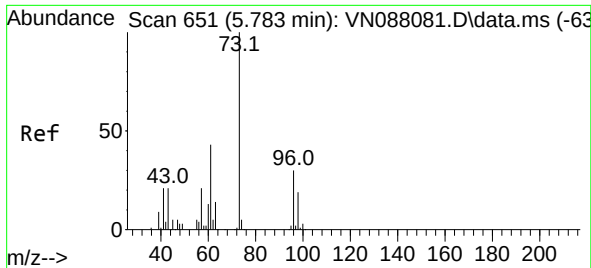
Tgt Ion: 76 Resp: 13312
Ion Ratio Lower Upper
76 100
78 10.9 7.6 11.4



#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 43 Resp: 6099
Ion Ratio Lower Upper
43 100
74 15.3 17.6 26.4#

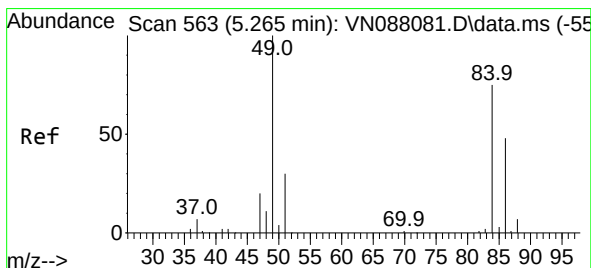
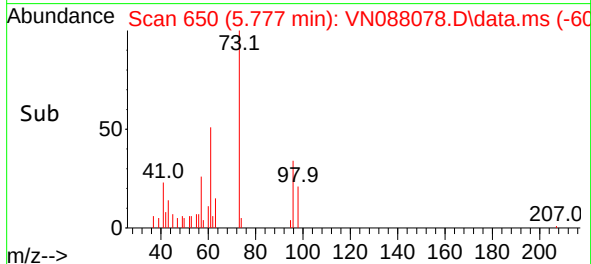
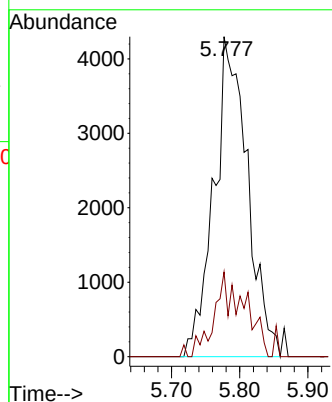
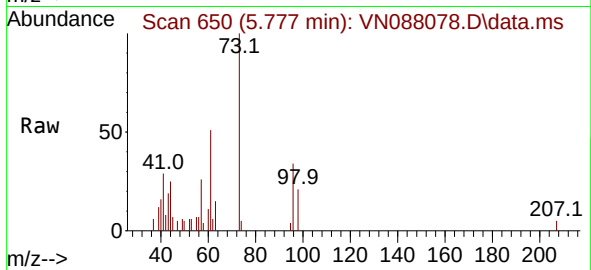




#19
Methyl tert-butyl Ether
Concen: 1.021 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

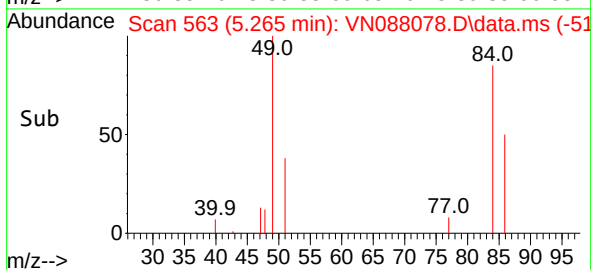
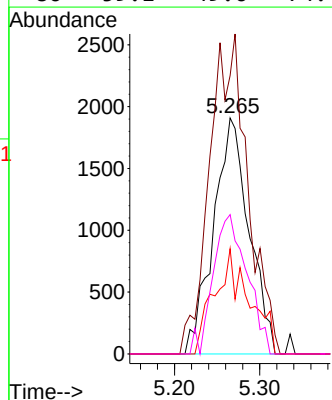
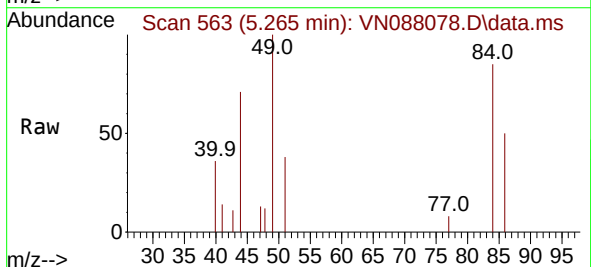
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

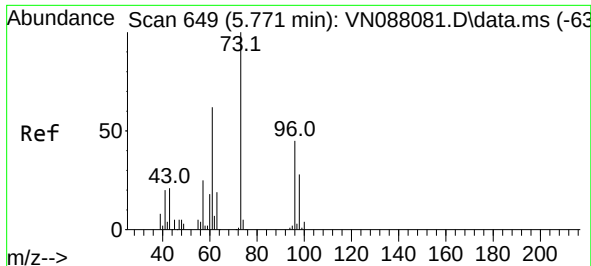
Tgt Ion: 73 Resp: 14637
Ion Ratio Lower Upper
73 100
57 26.4 18.4 27.6



#20
Methylene Chloride
Concen: 2.075 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 84 Resp: 5554
Ion Ratio Lower Upper
84 100
49 118.0 103.4 155.2
51 44.6 33.8 50.8
86 59.1 49.6 74.4

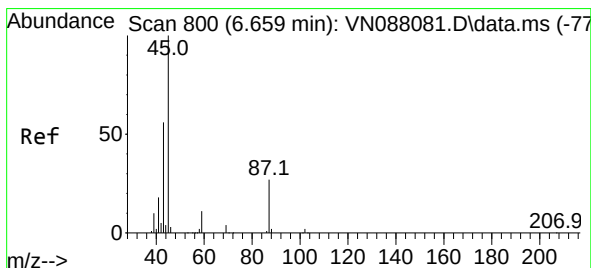
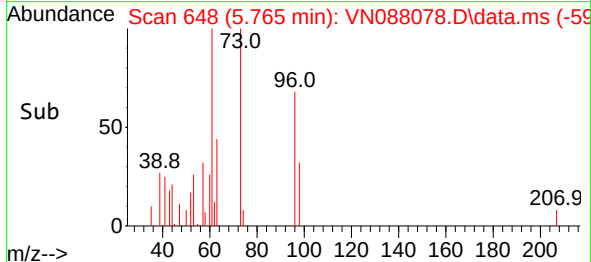
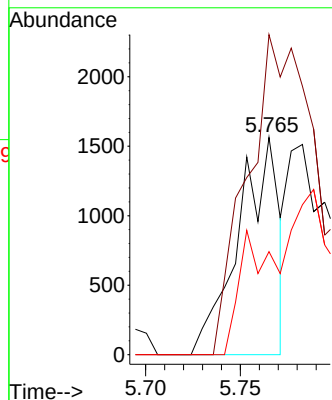
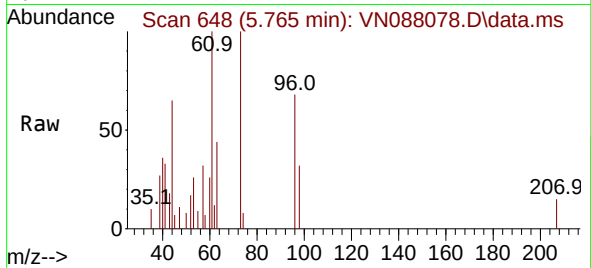




#21
trans-1,2-Dichloroethene
Concen: 0.539 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

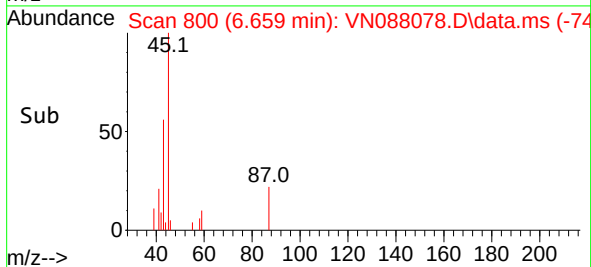
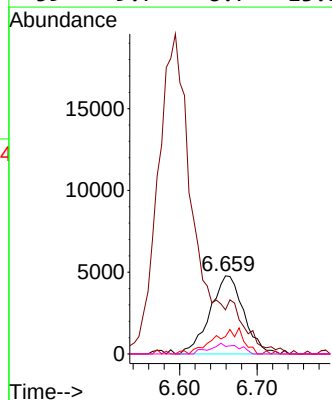
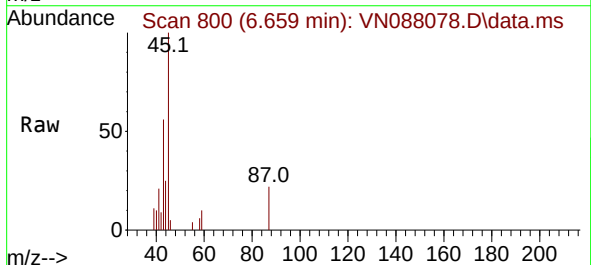
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

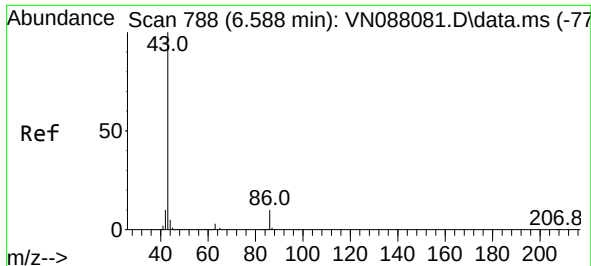
Tgt Ion: 96 Resp: 2329
Ion Ratio Lower Upper
96 100
61 147.3 118.0 177.0
98 47.4 50.0 75.0#



#22
Diisopropyl ether
Concen: 1.004 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 45 Resp: 14446
Ion Ratio Lower Upper
45 100
43 48.9 47.7 71.5
87 22.3 21.4 32.0
59 9.7 8.7 13.1

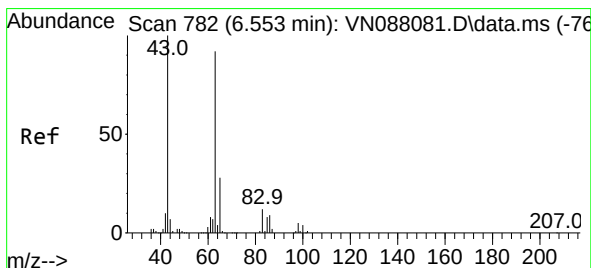
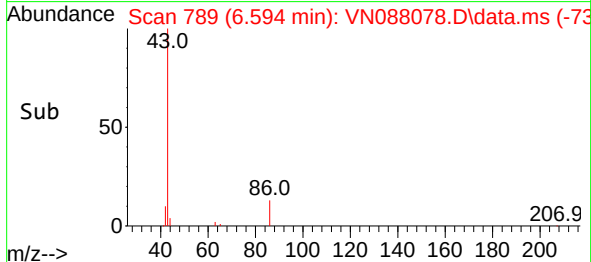
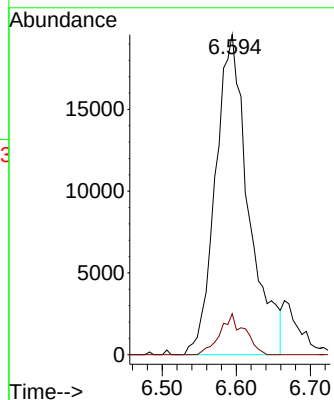
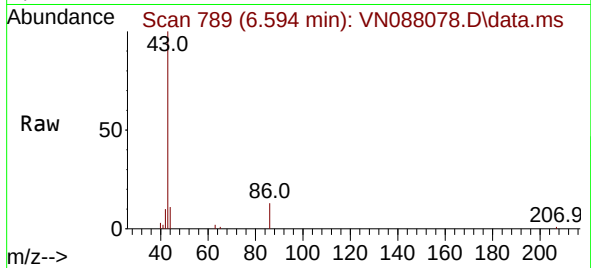




#23
 Vinyl Acetate
 Concen: 4.692 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

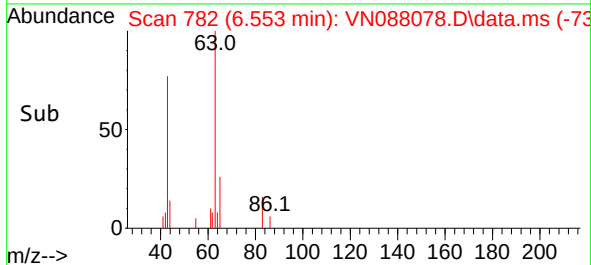
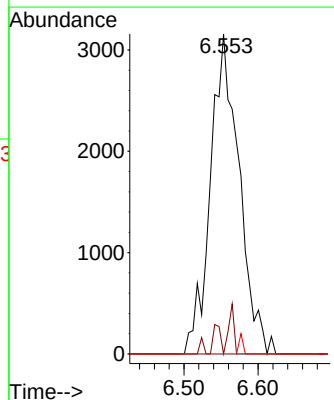
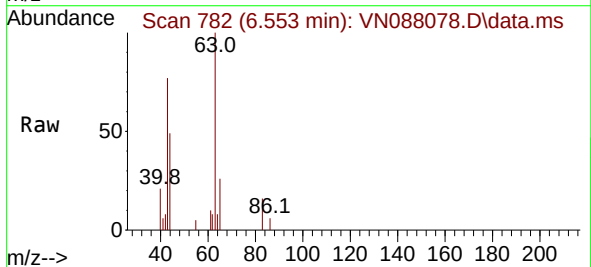
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

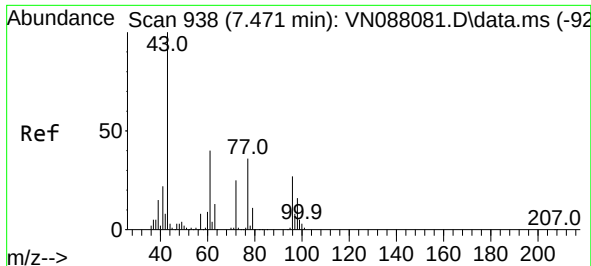
Tgt Ion: 43 Resp: 60828
 Ion Ratio Lower Upper
 43 100
 86 12.8 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 1.068 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 63 Resp: 8517
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.4#
 100 0.0 2.0 6.0#

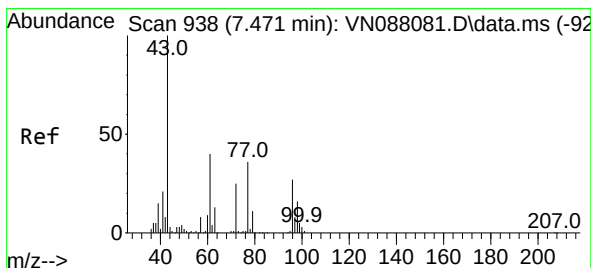
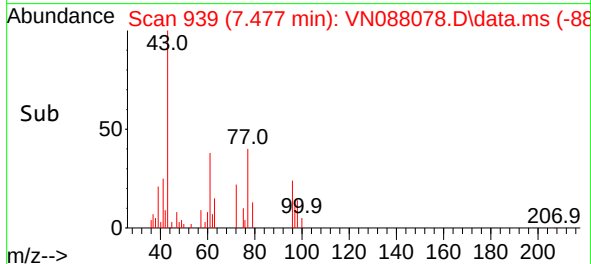
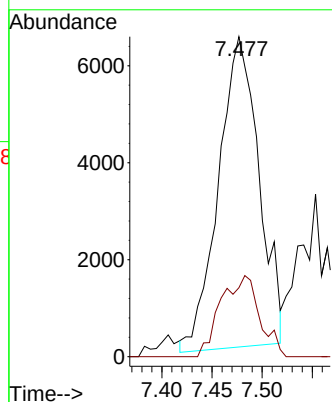
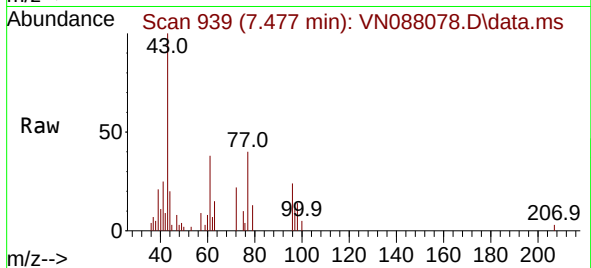




#25
2-Butanone
Concen: 5.114 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

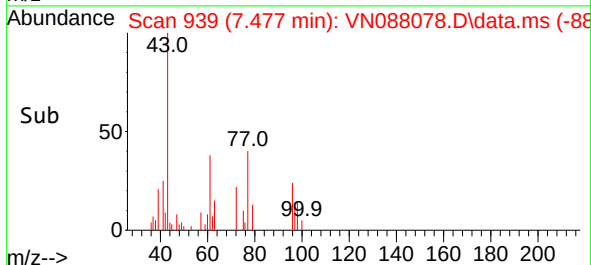
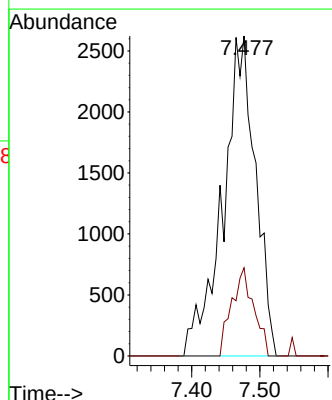
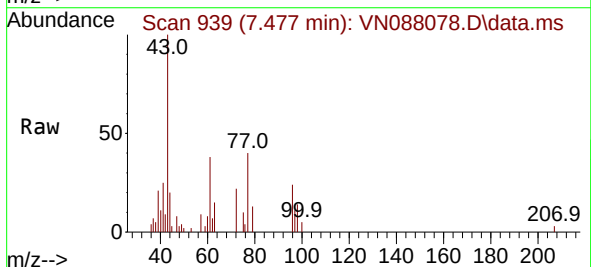
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

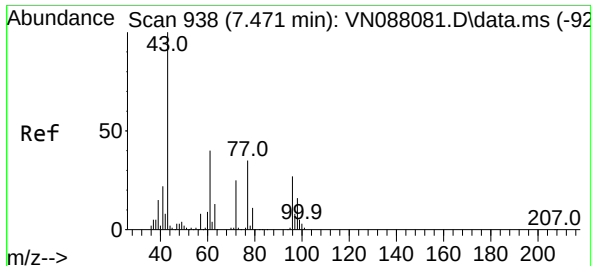
Tgt Ion: 43 Resp: 18000
Ion Ratio Lower Upper
43 100
72 22.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 1.203 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 77 Resp: 8718
Ion Ratio Lower Upper
77 100
97 18.6 10.9 32.7

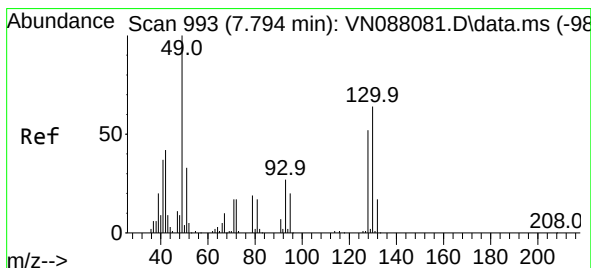
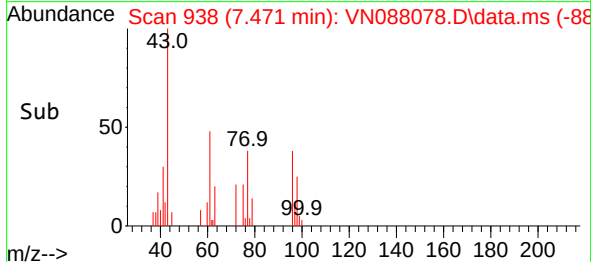
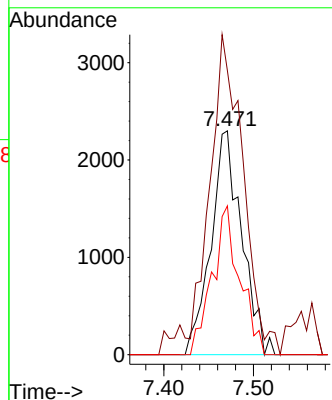
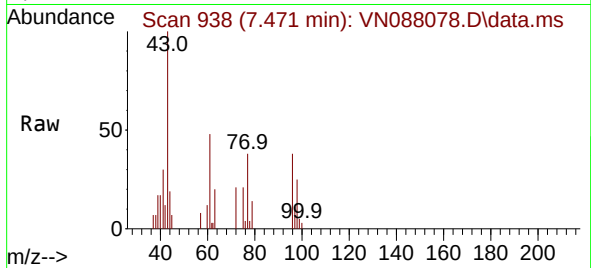




#27
 cis-1,2-Dichloroethene
 Concen: 1.113 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

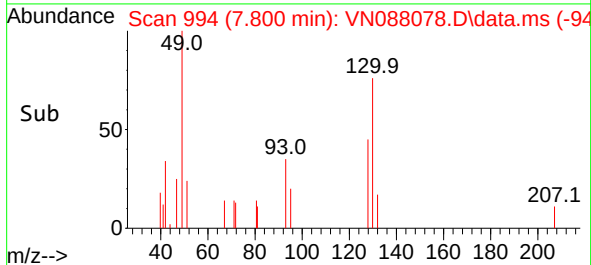
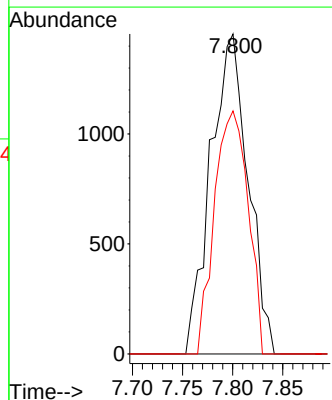
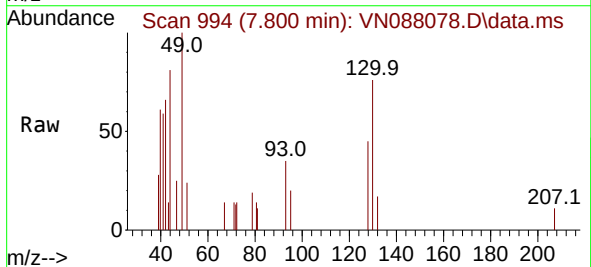
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

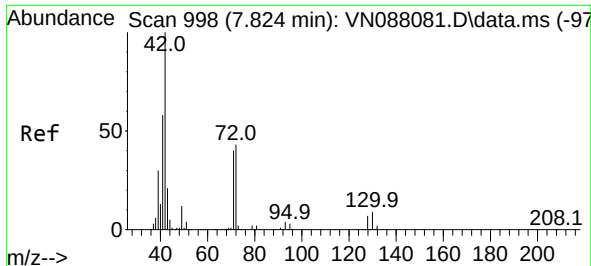
Tgt Ion: 96 Resp: 5492
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 301.8
 98 59.4 0.0 126.2



#28
 Bromochloromethane
 Concen: 1.002 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 49 Resp: 3776
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 68.1 53.1 79.7

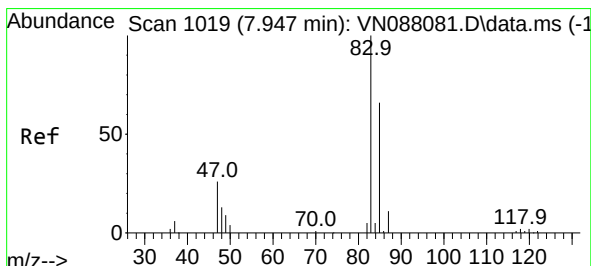
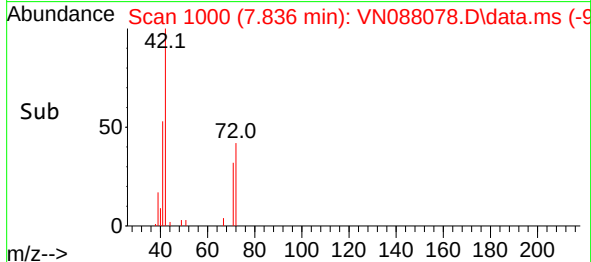
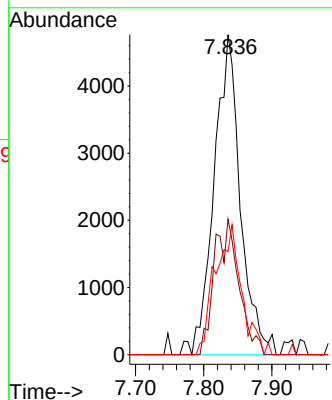
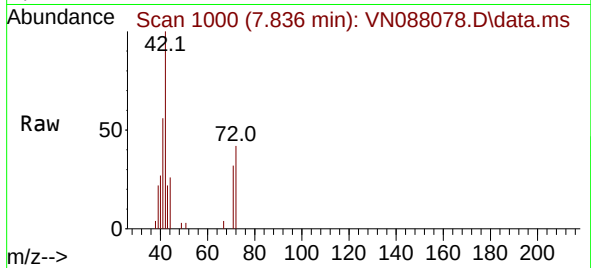




#29
Tetrahydrofuran
Concen: 5.529 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

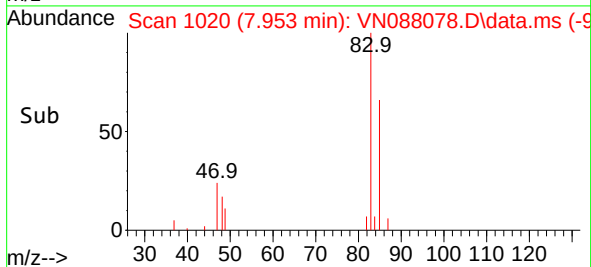
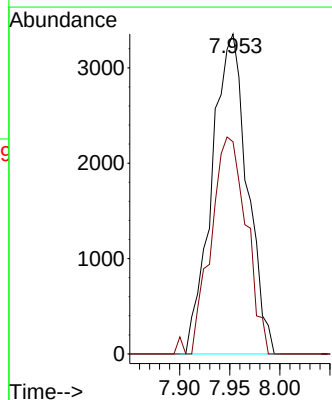
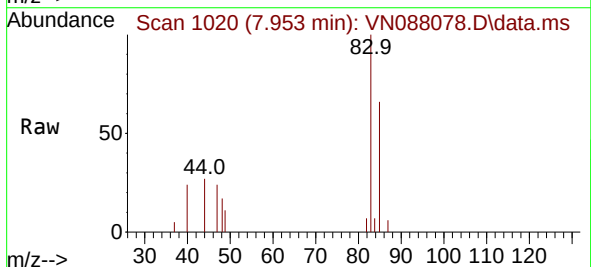
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

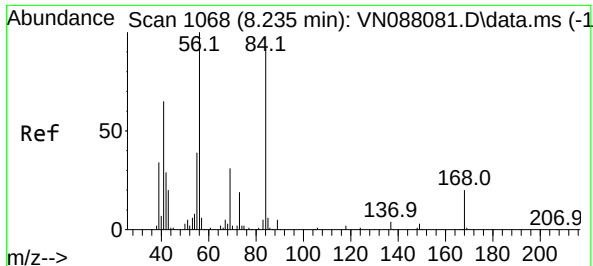
Tgt Ion: 42 Resp: 12815
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 41.0 31.9 47.9



#30
Chloroform
Concen: 1.040 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 83 Resp: 8286
Ion Ratio Lower Upper
83 100
85 66.3 50.7 76.1

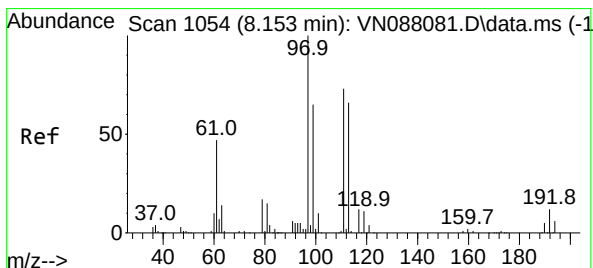
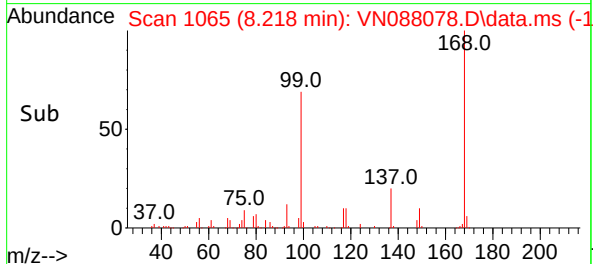
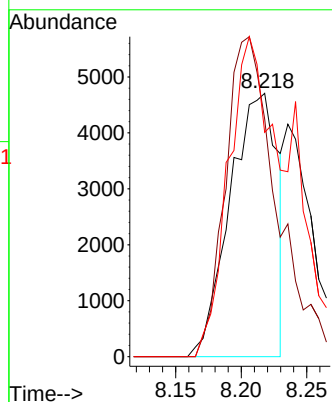
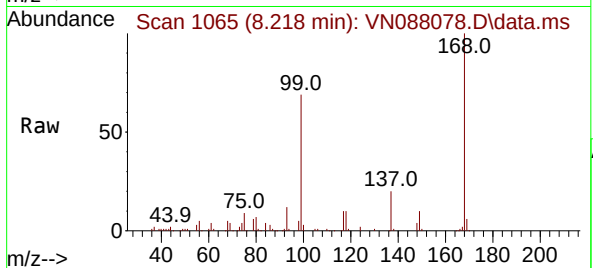




#31
Cyclohexane
Concen: 1.578 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.018 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

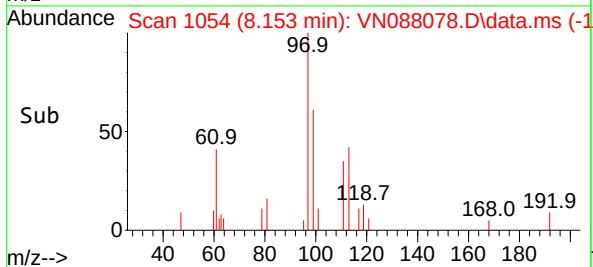
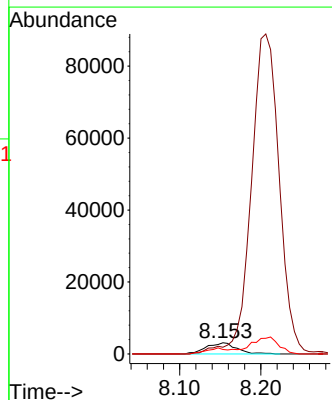
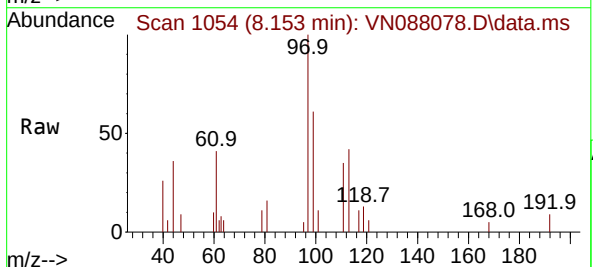
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

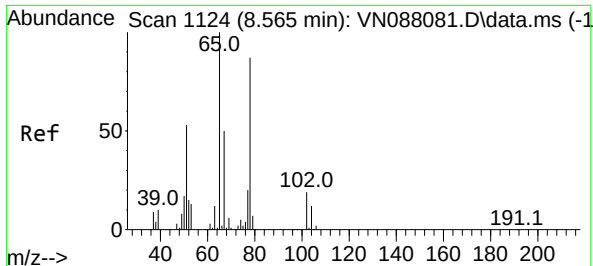
Tgt Ion: 56 Resp: 11863
Ion Ratio Lower Upper
56 100
69 90.2 23.7 35.5#
84 85.2 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 1.133 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 97 Resp: 8036
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 34.7 41.2 61.8#





#33

1,2-Dichloroethane-d4

Concen: 0.766 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.012 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

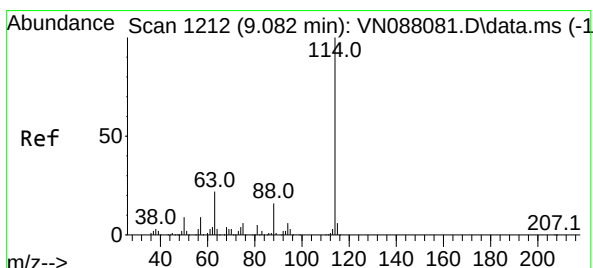
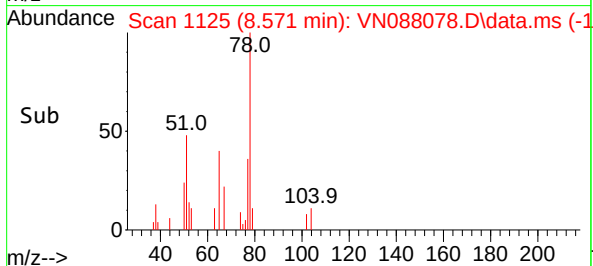
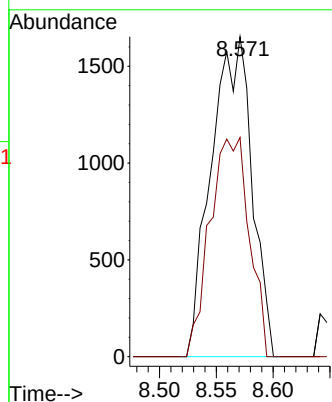
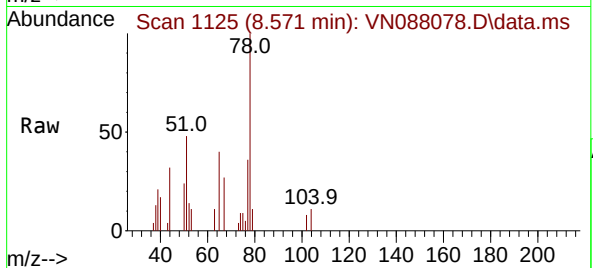
VSTDICC001

Tgt Ion: 65 Resp: 4115

Ion Ratio Lower Upper

65 100

67 66.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

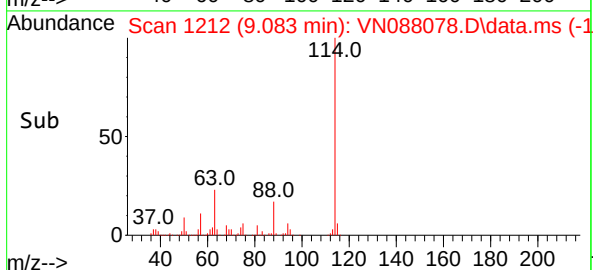
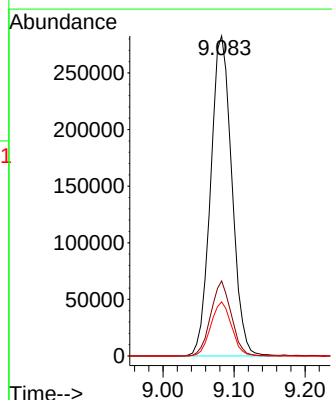
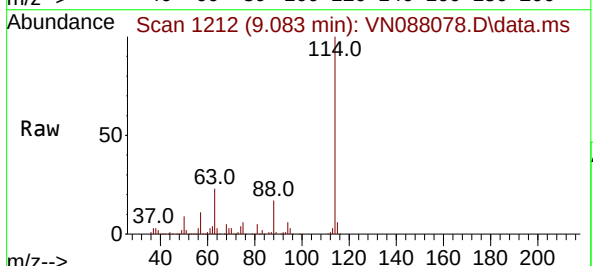
Tgt Ion: 114 Resp: 586229

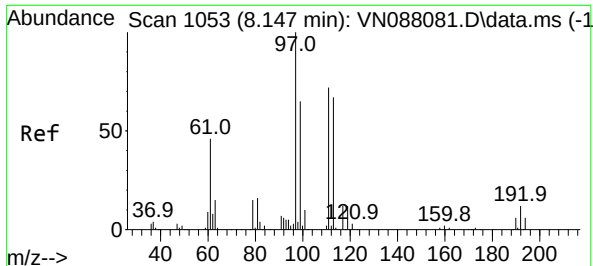
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 0.979 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

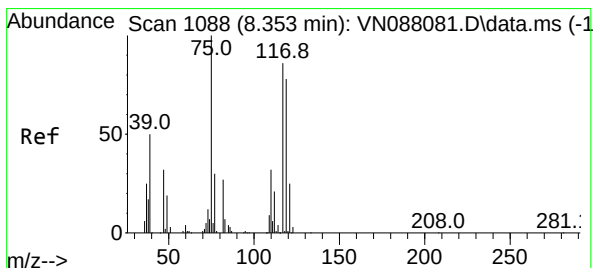
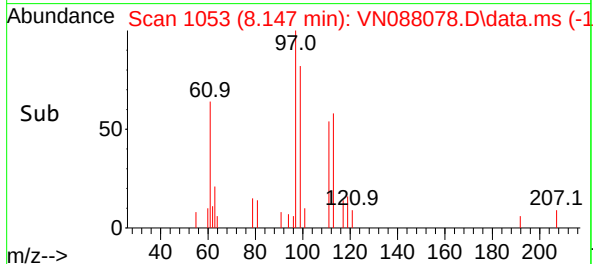
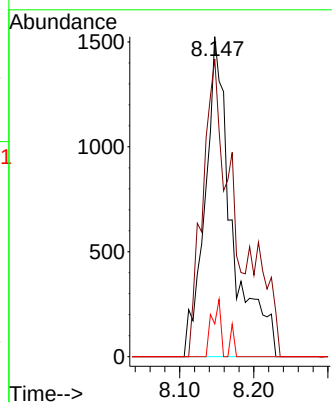
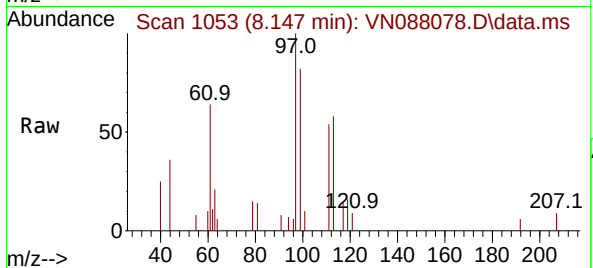
Tgt Ion:113 Resp: 3854

Ion Ratio Lower Upper

113 100

111 93.0 82.8 124.2

192 5.8 12.8 19.2#



#36

1,1-Dichloropropene

Concen: 1.050 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

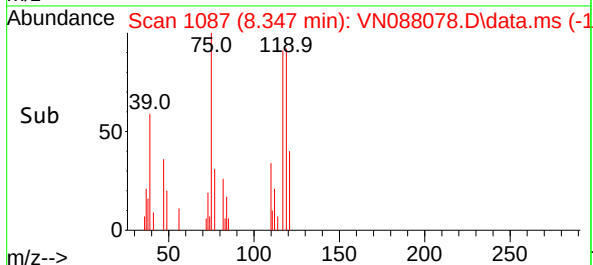
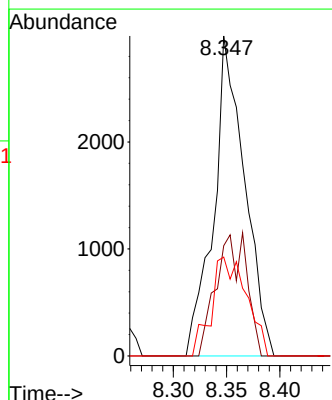
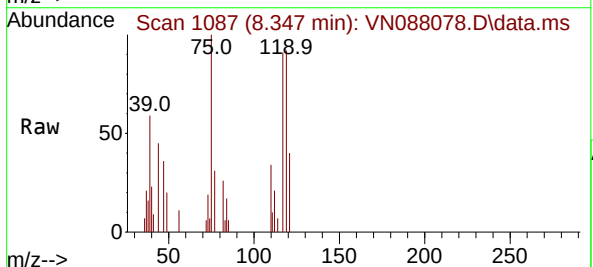
Tgt Ion: 75 Resp: 6036

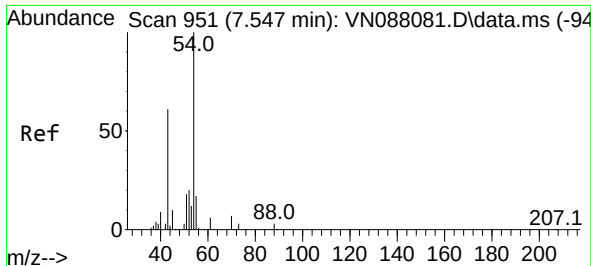
Ion Ratio Lower Upper

75 100

110 37.6 15.9 47.6

77 35.3 24.4 36.6





#37

Ethyl Acetate

Concen: 0.785 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

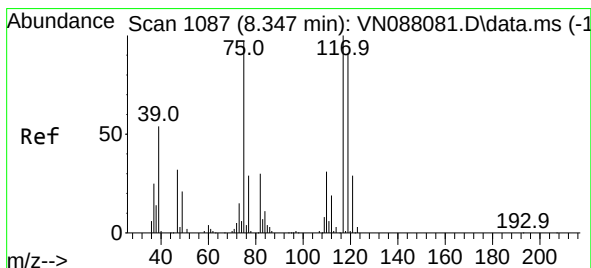
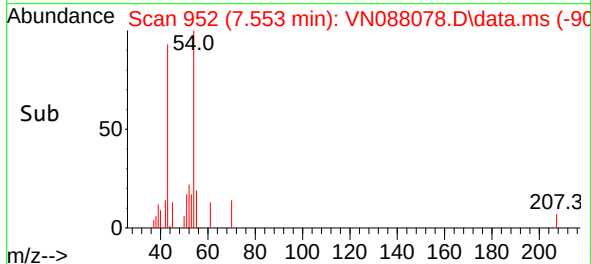
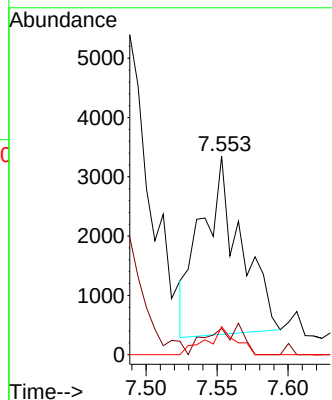
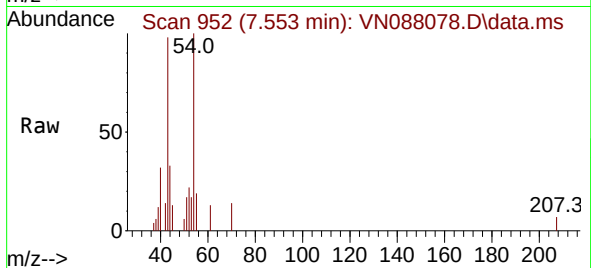
Tgt Ion: 43 Resp: 5802

Ion Ratio Lower Upper

43 100

61 14.5 9.3 13.9#

70 11.6 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 1.074 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

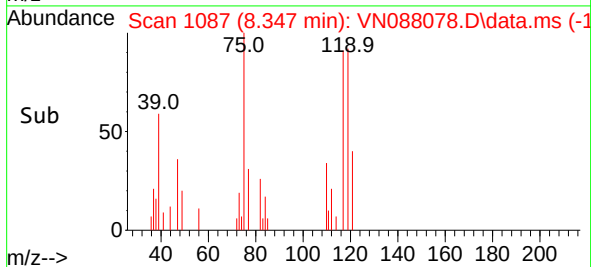
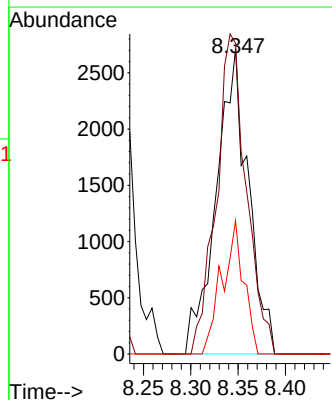
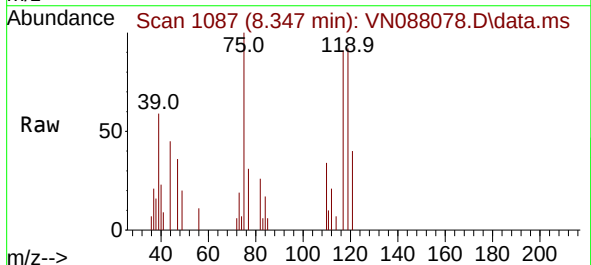
Tgt Ion: 117 Resp: 6381

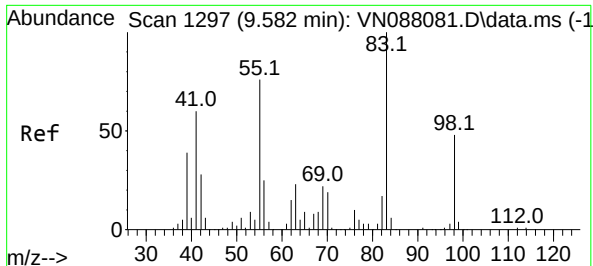
Ion Ratio Lower Upper

117 100

119 101.8 79.0 118.6

121 43.7 25.0 37.6#





#39

Methylcyclohexane

Concen: 1.112 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

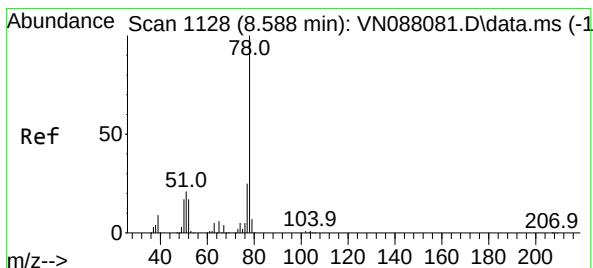
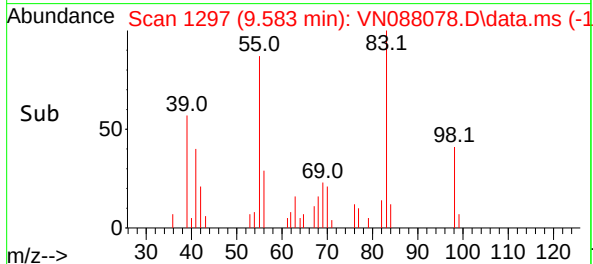
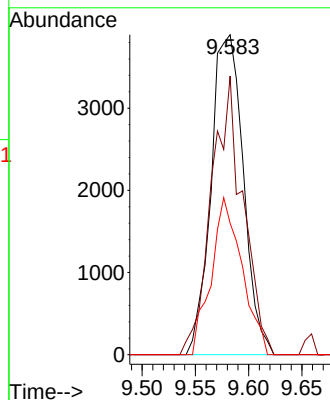
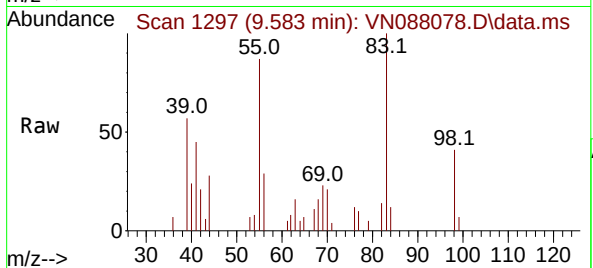
Tgt Ion: 83 Resp: 8221

Ion Ratio Lower Upper

83 100

55 87.1 64.6 96.8

98 41.1 38.4 57.6



#40

Benzene

Concen: 1.085 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088078.D

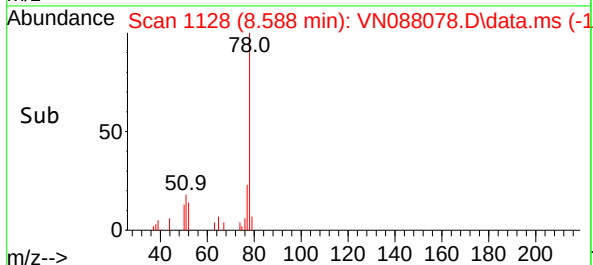
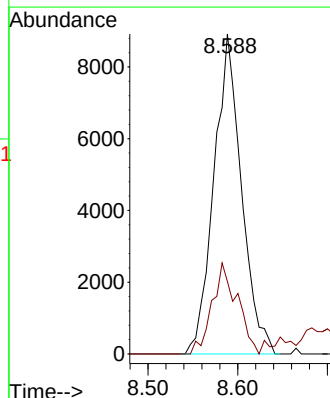
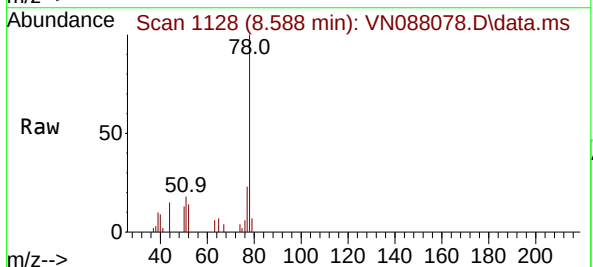
Acq: 23 Oct 2025 09:42

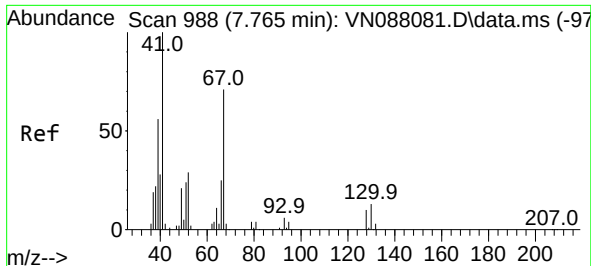
Tgt Ion: 78 Resp: 19008

Ion Ratio Lower Upper

78 100

77 22.7 19.7 29.5

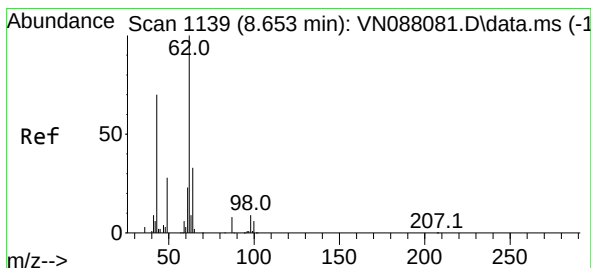
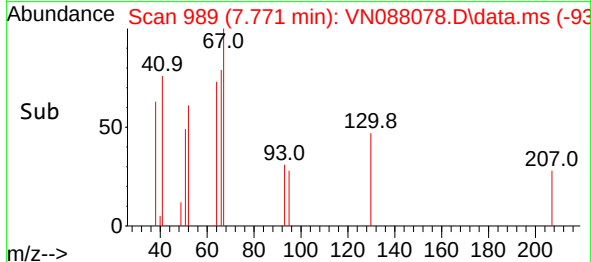
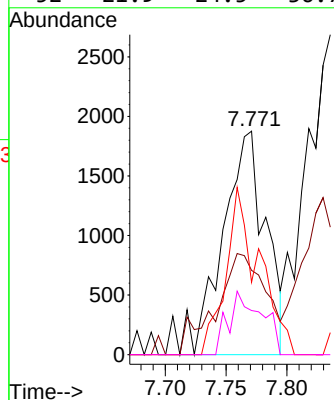
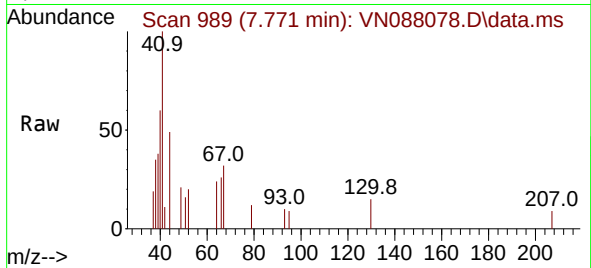




#41
Methacrylonitrile
Concen: 1.182 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

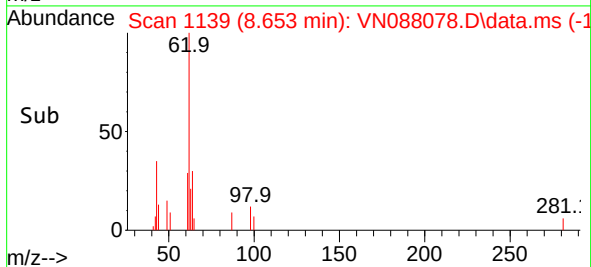
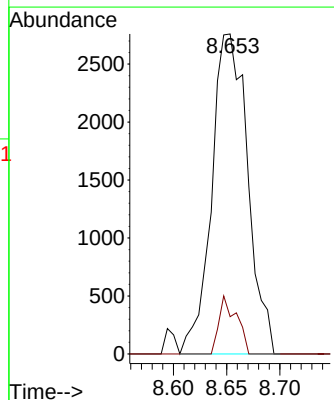
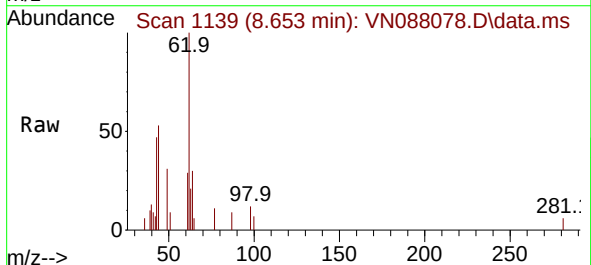
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

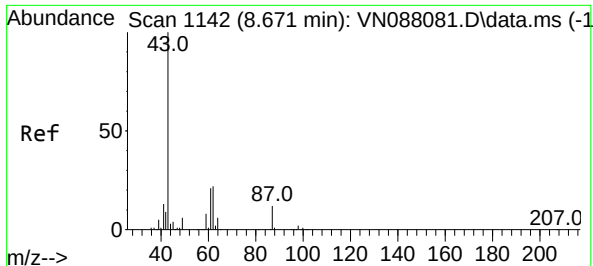
Tgt Ion:	41	Resp:	4616
Ion	Ratio	Lower	Upper
41	100		
39	52.6	45.4	68.0
67	57.8	55.3	82.9
52	21.9	24.5	36.7



#42
1,2-Dichloroethane
Concen: 1.041 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:	62	Resp:	6475
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

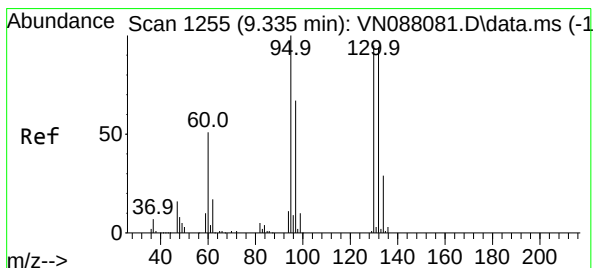
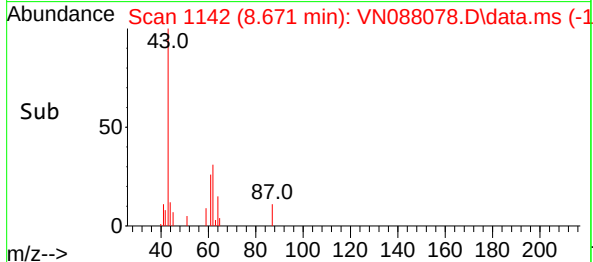
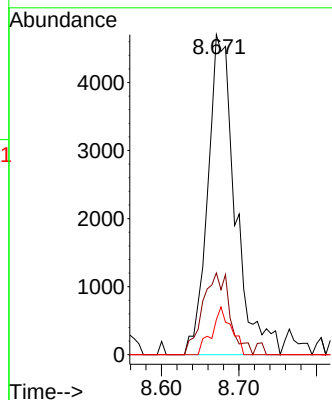
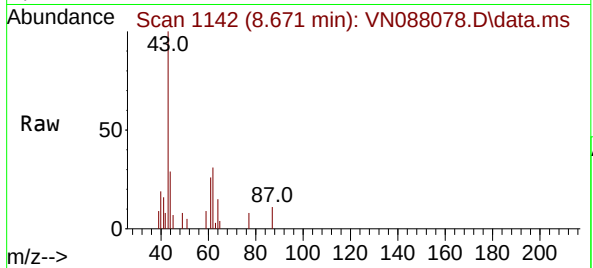




#43
Isopropyl Acetate
Concen: 1.019 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

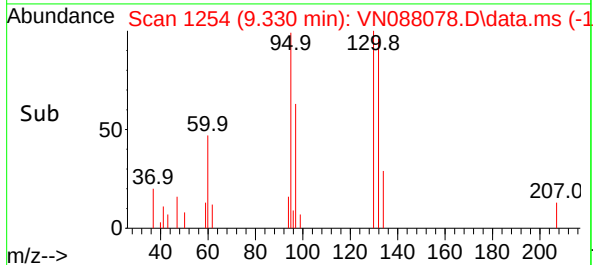
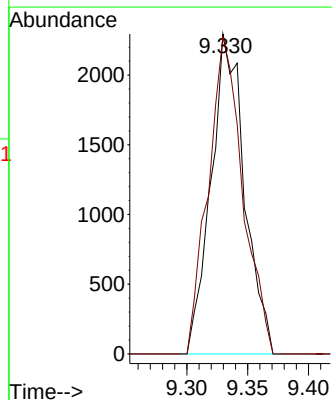
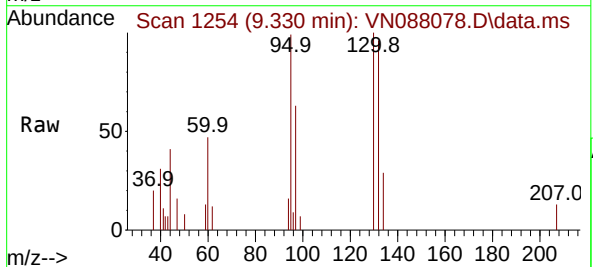
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

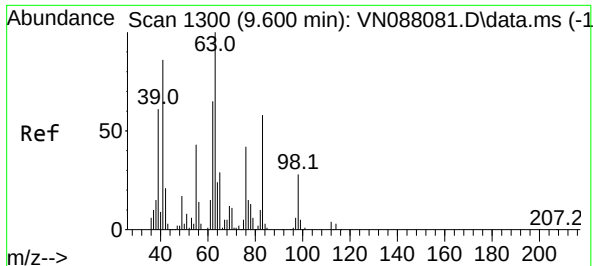
Tgt Ion: 43 Resp: 11616
Ion Ratio Lower Upper
43 100
61 25.1 18.8 28.2
87 10.4 9.6 14.4



#44
Trichloroethene
Concen: 1.073 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:130 Resp: 4394
Ion Ratio Lower Upper
130 100
95 99.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 1.114 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

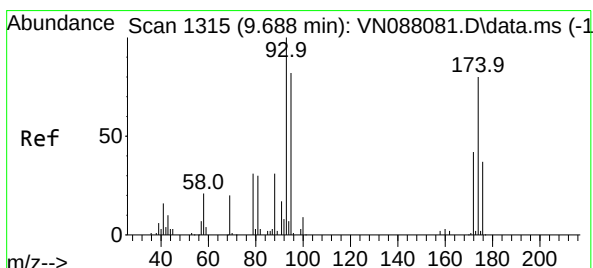
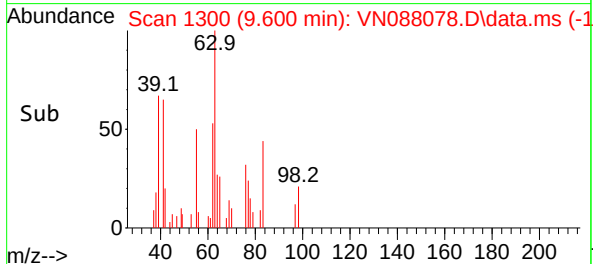
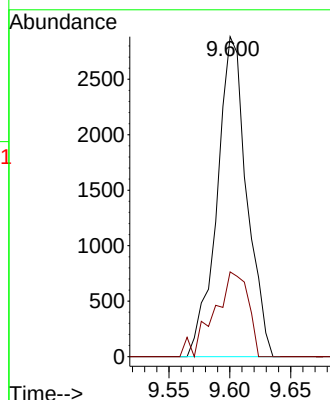
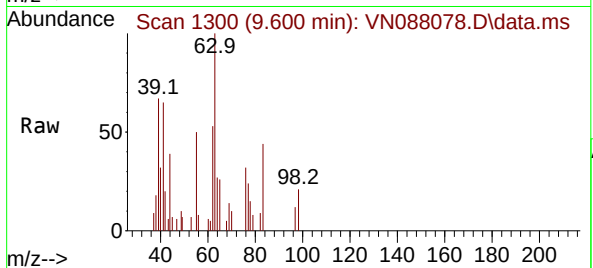
VSTDIC001

Tgt Ion: 63 Resp: 4927

Ion Ratio Lower Upper

63 100

65 26.5 25.0 37.4



#46

Dibromomethane

Concen: 1.022 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

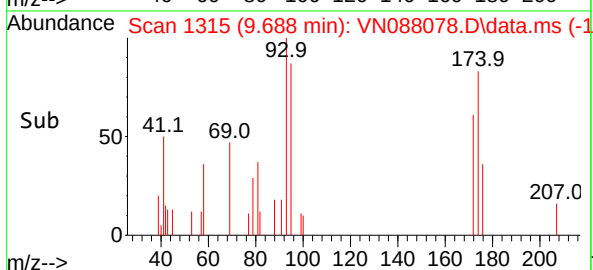
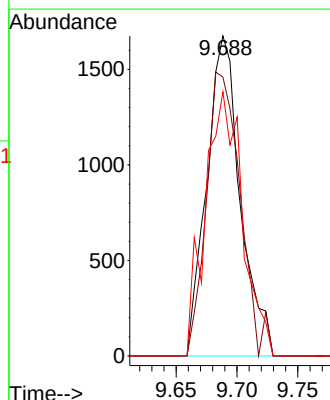
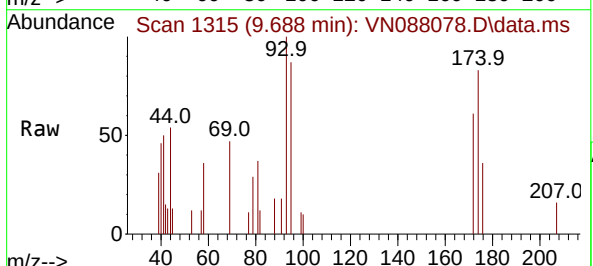
Tgt Ion: 93 Resp: 3222

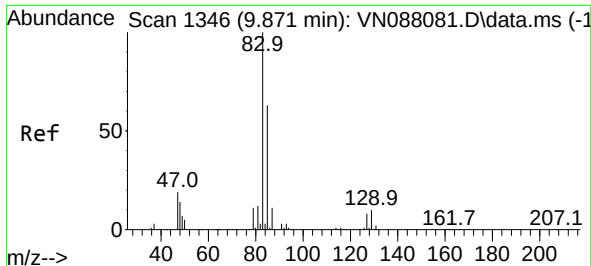
Ion Ratio Lower Upper

93 100

95 89.3 66.2 99.4

174 90.8 63.4 95.2

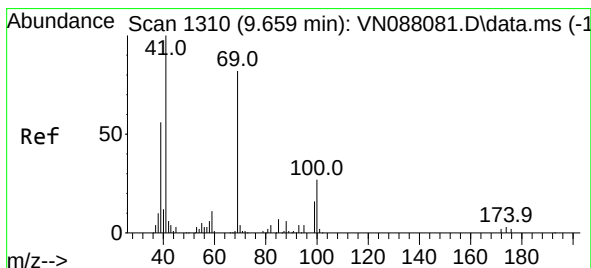
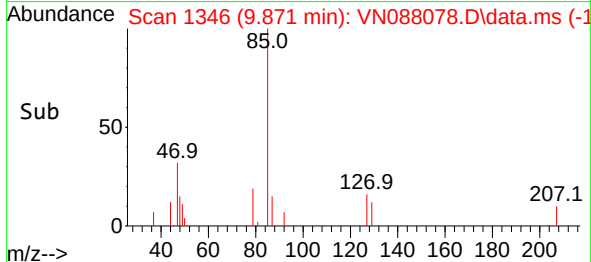
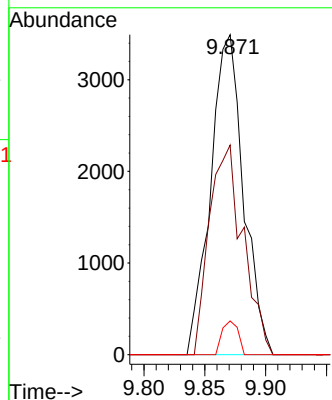
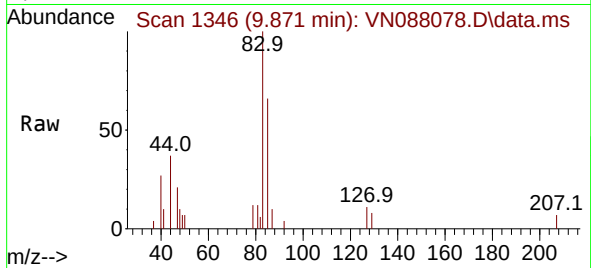




#47
Bromodichloromethane
Concen: 1.042 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

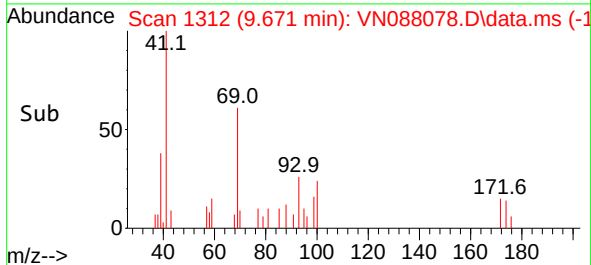
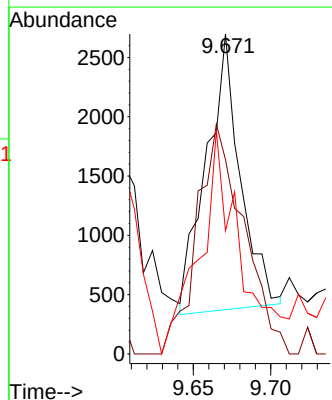
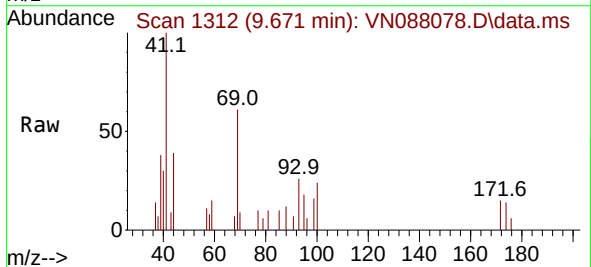
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

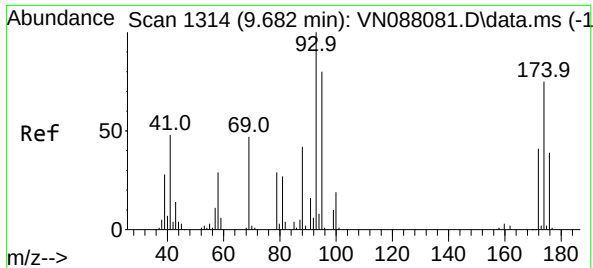
Tgt Ion: 83 Resp: 6578
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7
127 10.6 5.8 8.6#



#48
Methyl methacrylate
Concen: 0.655 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 41 Resp: 3550
Ion Ratio Lower Upper
41 100
69 114.7 62.7 94.1#
39 97.7 52.9 79.3#





#49

1,4-Dioxane

Concen: 11.561 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

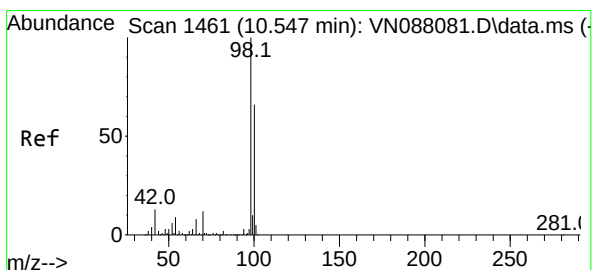
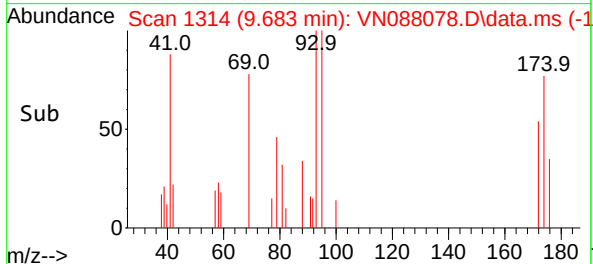
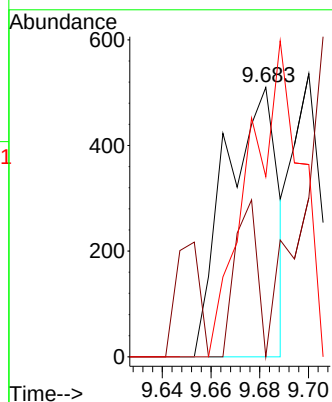
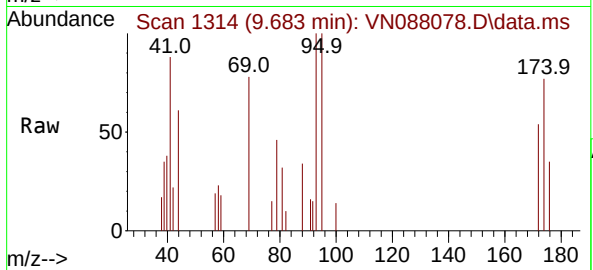
Tgt Ion: 88 Resp: 757

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 134.9 57.9 86.9#



#50

Toluene-d8

Concen: 0.746 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088078.D

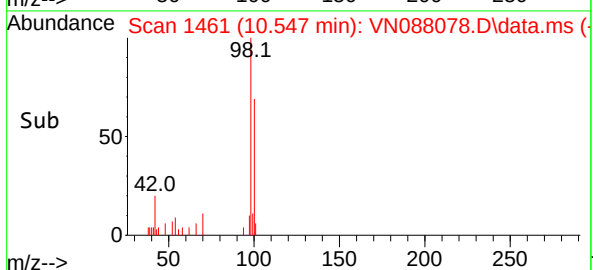
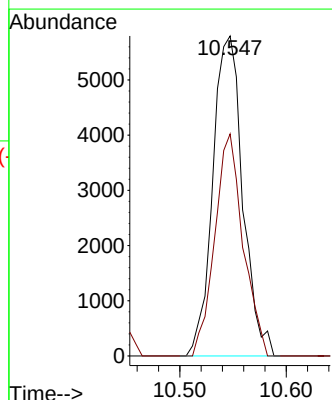
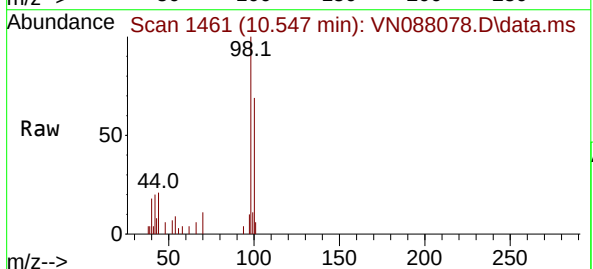
Acq: 23 Oct 2025 09:42

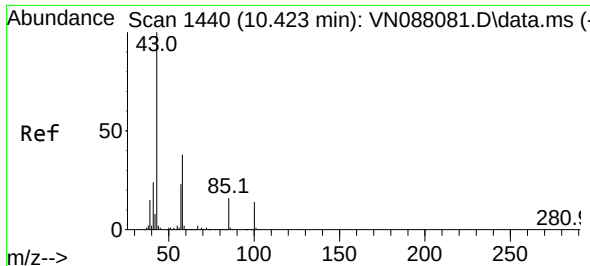
Tgt Ion: 98 Resp: 11325

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2

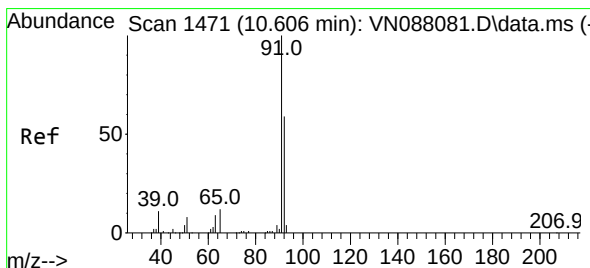
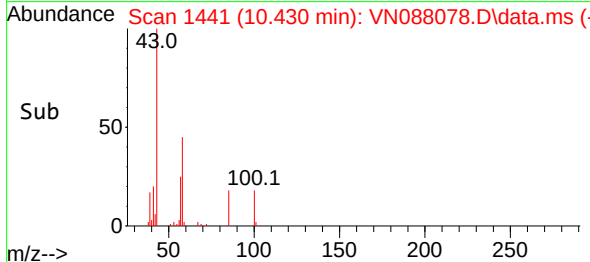
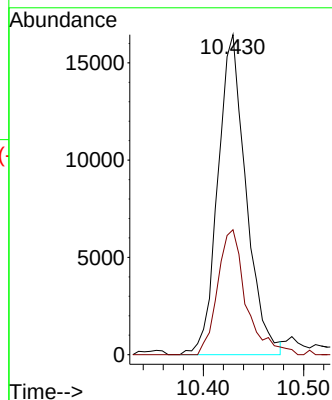
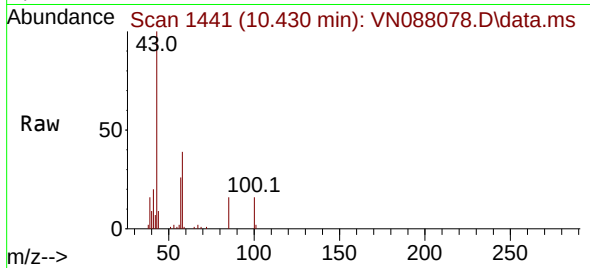




#51
4-Methyl-2-Pentanone
Concen: 4.760 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

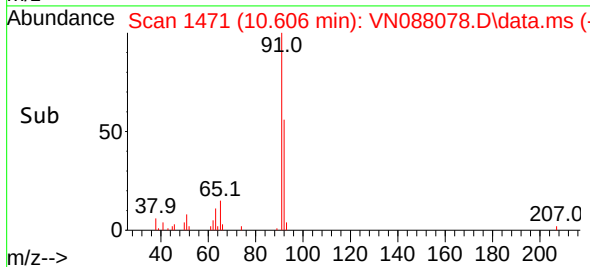
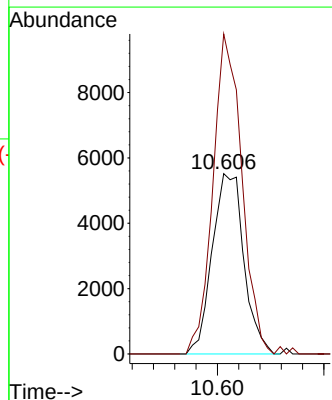
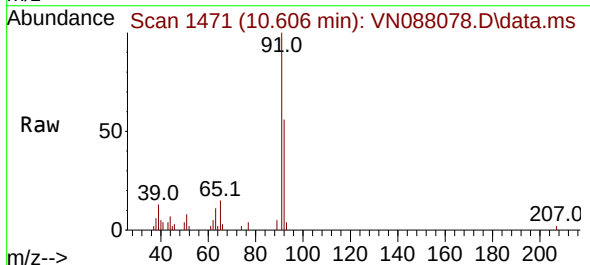
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

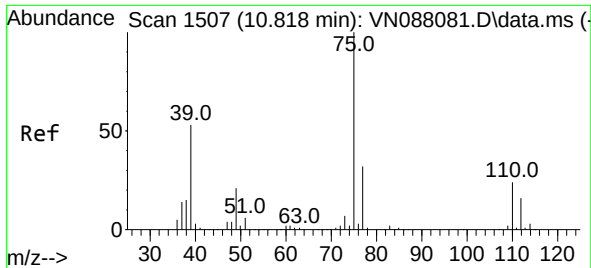
Tgt Ion: 43 Resp: 32109
Ion Ratio Lower Upper
43 100
58 39.4 29.6 44.4



#52
Toluene
Concen: 1.054 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 92 Resp: 11382
Ion Ratio Lower Upper
92 100
91 161.9 140.4 210.6

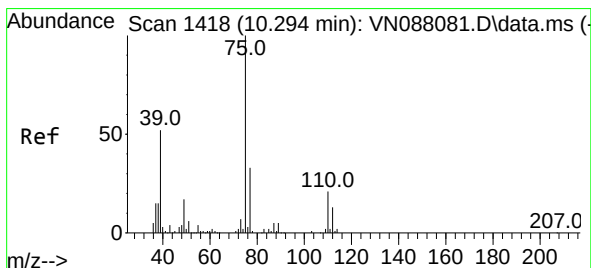
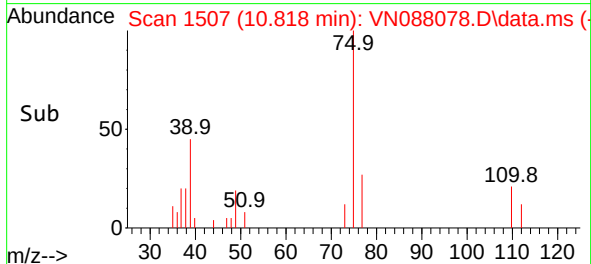
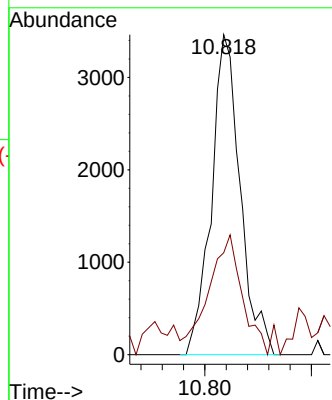
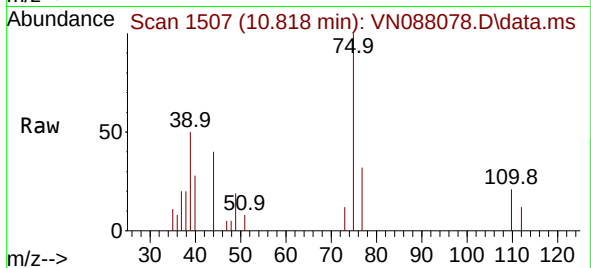




#53
 t-1,3-Dichloropropene
 Concen: 0.967 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

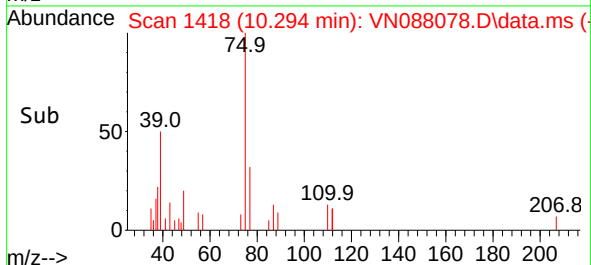
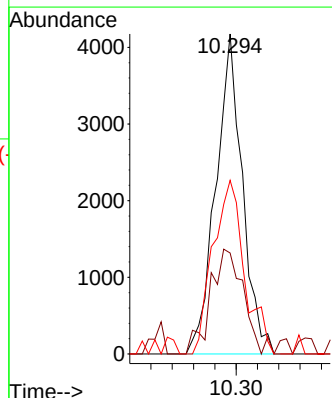
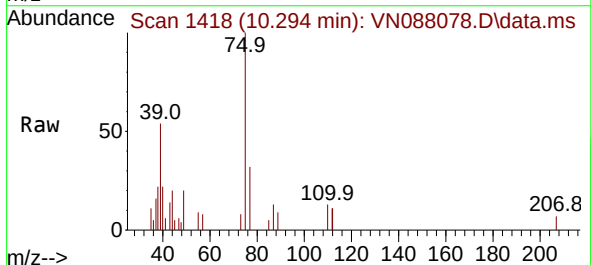
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

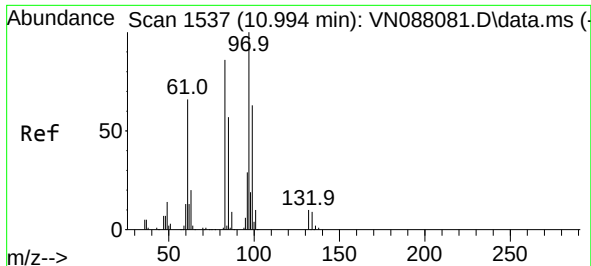
Tgt Ion: 75 Resp: 6496
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 1.012 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 75 Resp: 7213
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 54.3 45.2 67.8

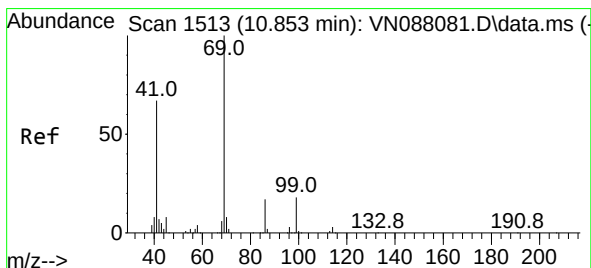
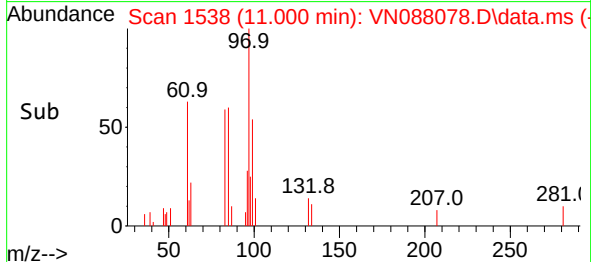
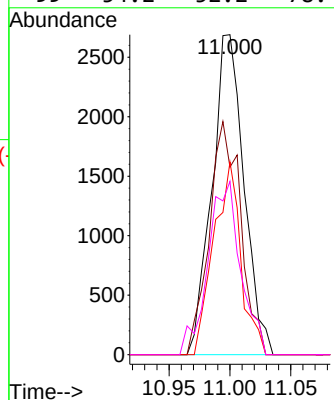
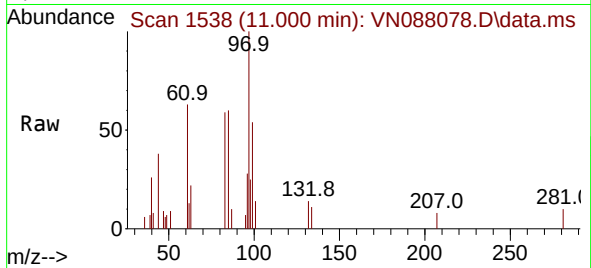




#55
1,1,2-Trichloroethane
Concen: 1.204 ug/l
RT: 11.000 min Scan# 111000
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

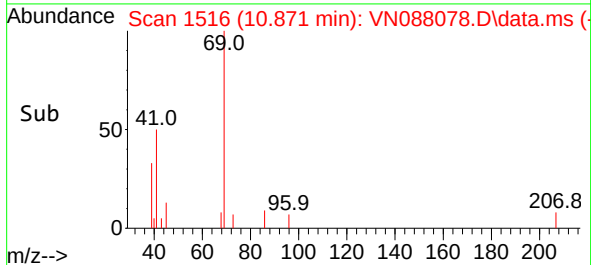
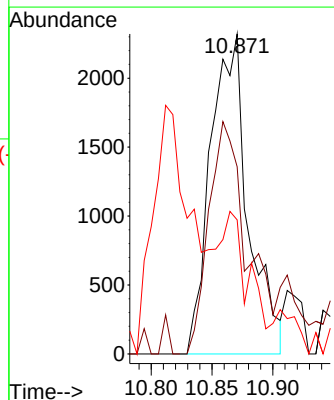
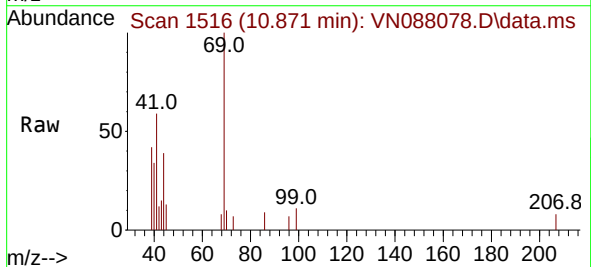
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

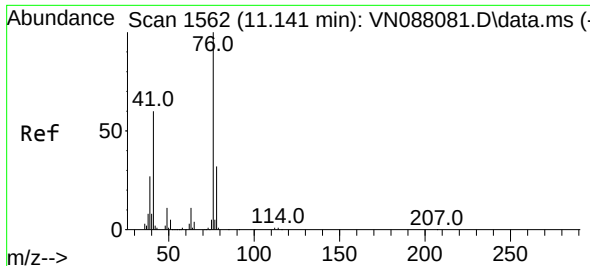
Tgt Ion:	97	Resp:	4933
Ion	Ratio	Lower	Upper
97	100		
83	58.6	68.2	102.4#
85	60.3	45.5	68.3
99	54.2	52.2	78.4



#56
Ethyl methacrylate
Concen: 0.768 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.018 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:	69	Resp:	4974
Ion	Ratio	Lower	Upper
69	100		
41	74.3	56.5	84.7
39	33.6	34.2	51.4#





#57

1,3-Dichloropropane

Concen: 1.040 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

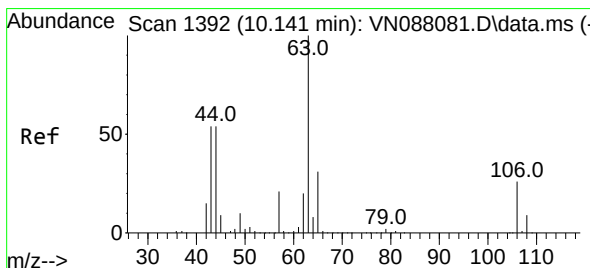
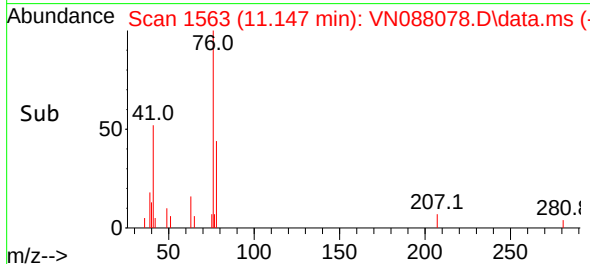
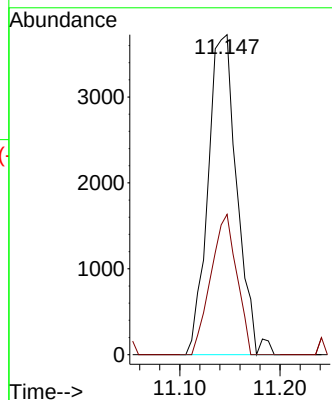
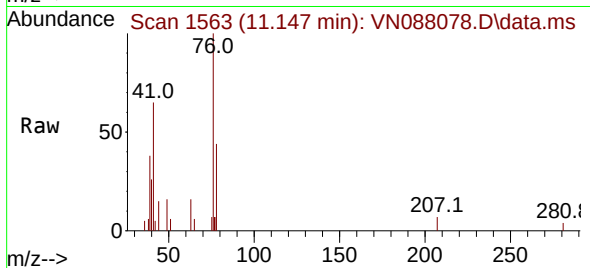
VSTDIC001

Tgt Ion: 76 Resp: 7489

Ion Ratio Lower Upper

76 100

78 39.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 4.862 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088078.D

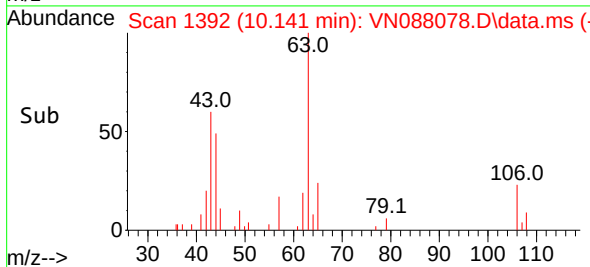
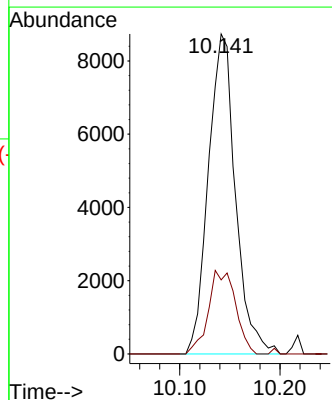
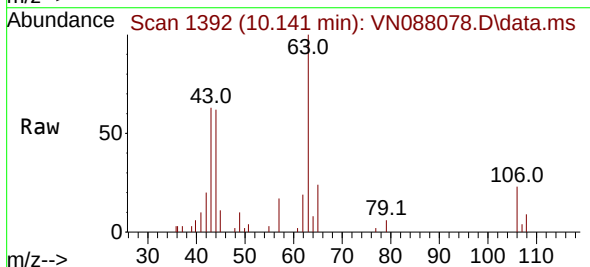
Acq: 23 Oct 2025 09:42

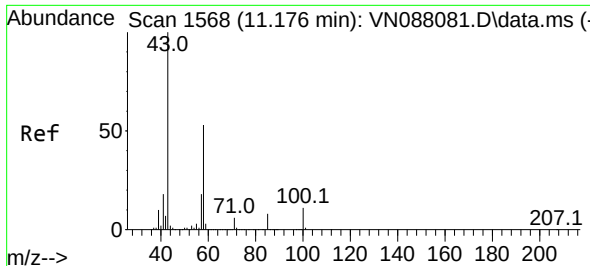
Tgt Ion: 63 Resp: 16393

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7

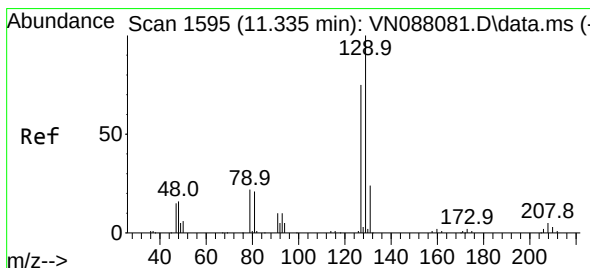
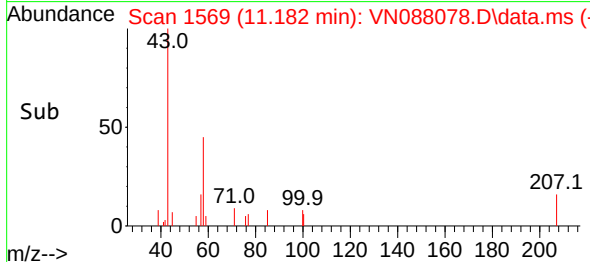
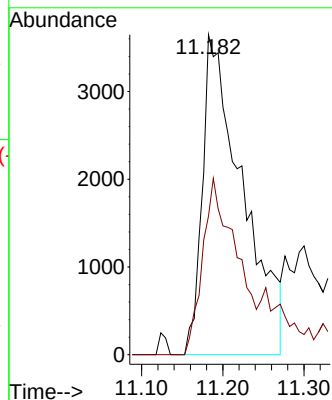
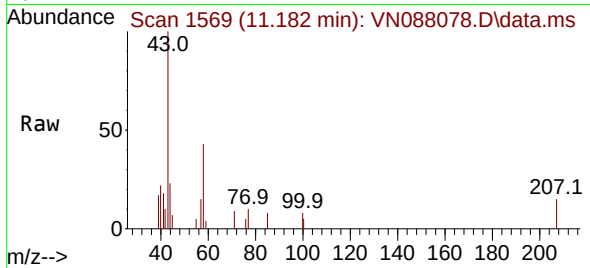




#59
2-Hexanone
Concen: 2.813 ug/l
RT: 11.182 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

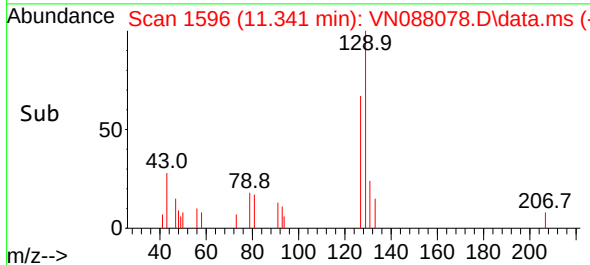
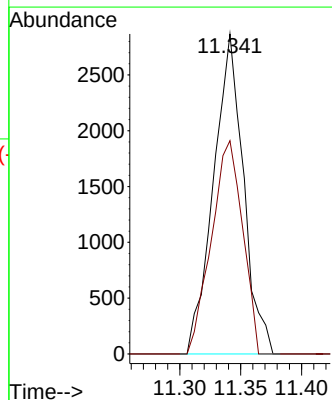
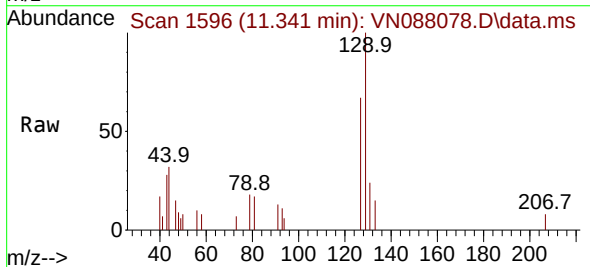
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

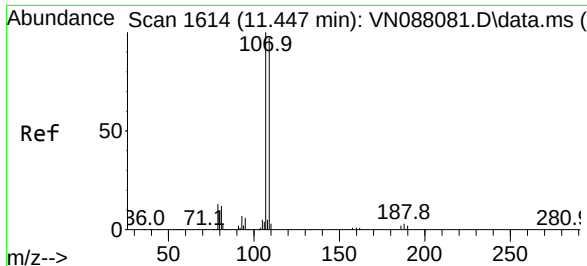
Tgt Ion: 43 Resp: 12458
Ion Ratio Lower Upper
43 100
58 46.6 25.9 77.8



#60
Dibromochloromethane
Concen: 1.052 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 129 Resp: 4900
Ion Ratio Lower Upper
129 100
127 69.5 39.1 117.3

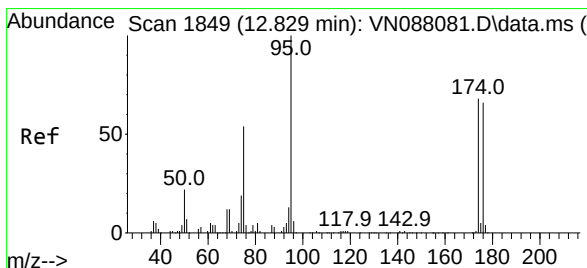
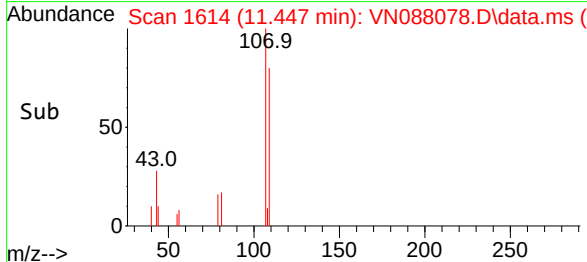
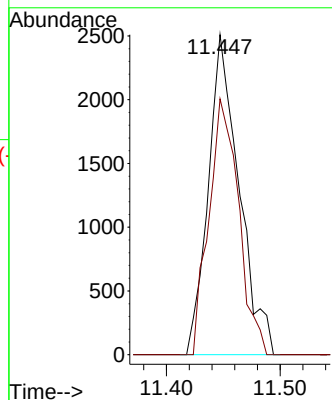
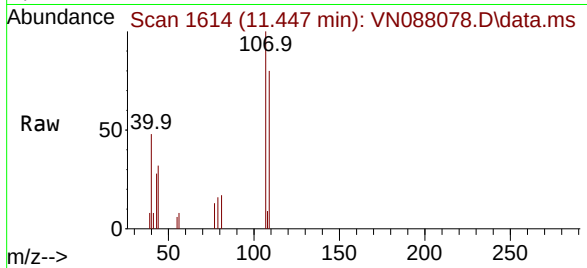




#61
1,2-Dibromoethane
Concen: 1.120 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

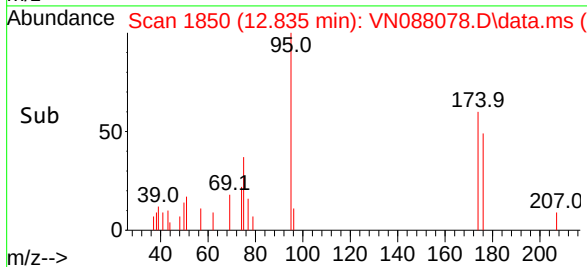
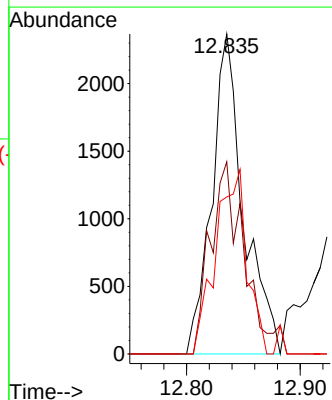
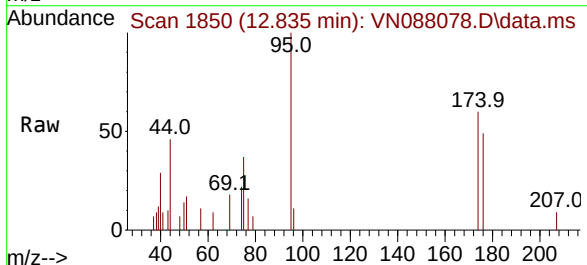
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

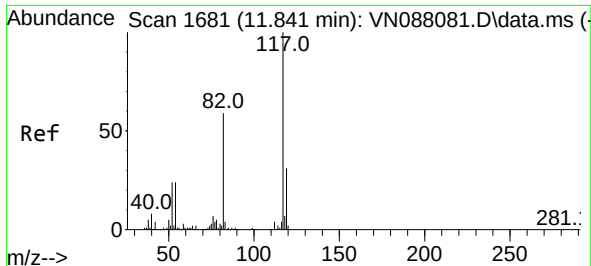
Tgt Ion:107 Resp: 4721
Ion Ratio Lower Upper
107 100
109 77.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 0.858 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.012 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 95 Resp: 4596
Ion Ratio Lower Upper
95 100
174 64.1 0.0 138.4
176 56.9 0.0 132.6

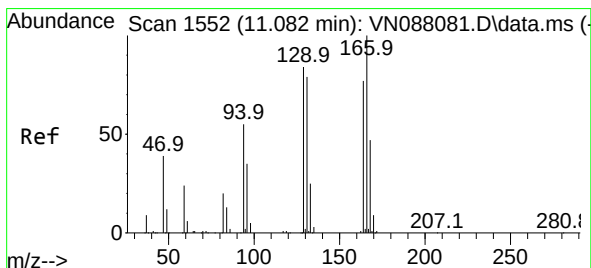
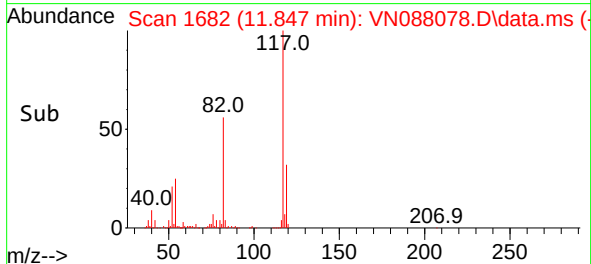
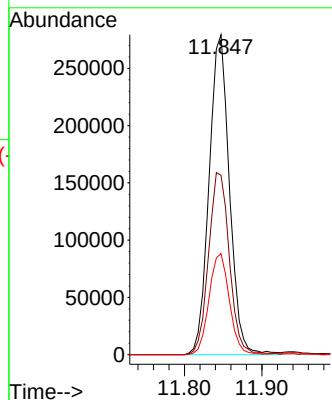
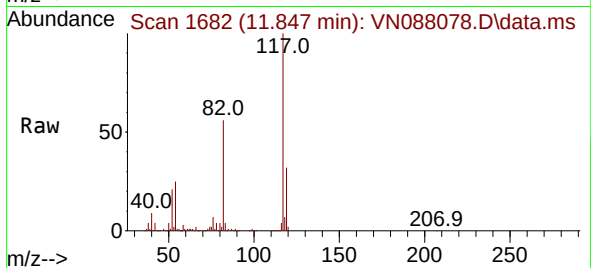




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

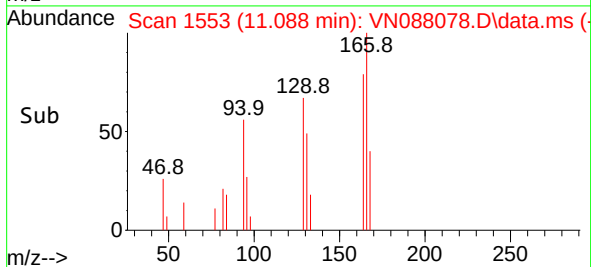
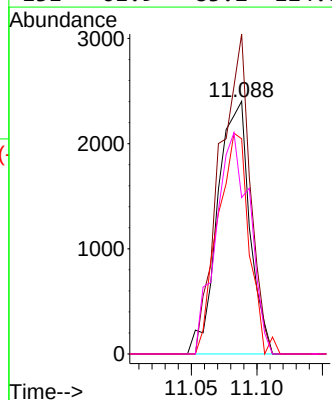
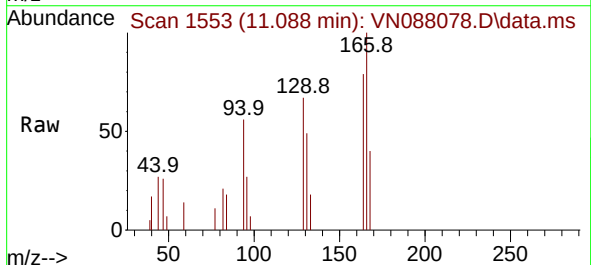
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

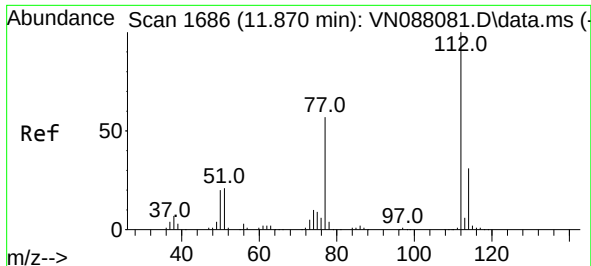
Tgt Ion:117 Resp: 509993
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.6 24.3 36.5



#64
Tetrachloroethene
Concen: 1.214 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:164 Resp: 4083
Ion Ratio Lower Upper
164 100
166 126.7 97.7 146.5
129 85.2 85.9 128.9#
131 61.9 83.2 124.8#

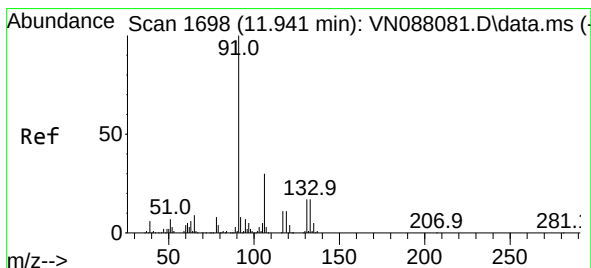
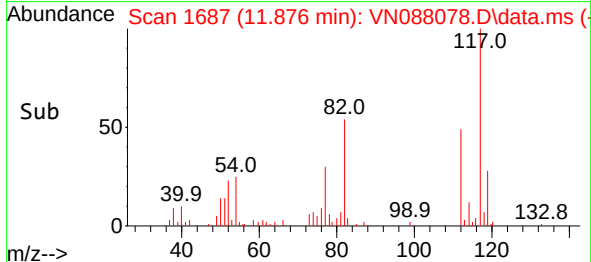
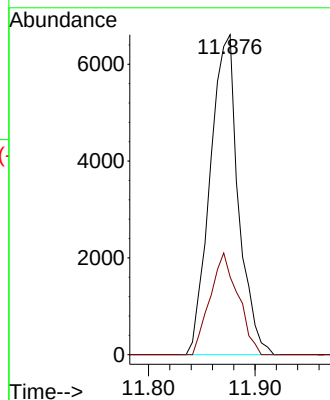
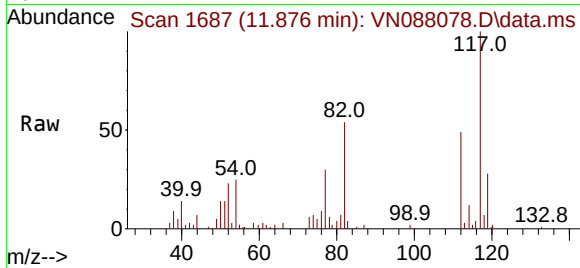




#65
Chlorobenzene
Concen: 1.054 ug/l
RT: 11.876 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

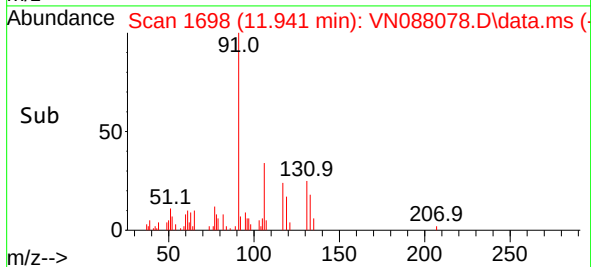
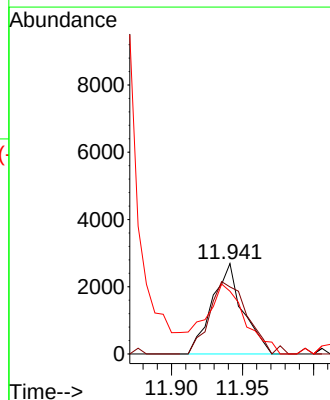
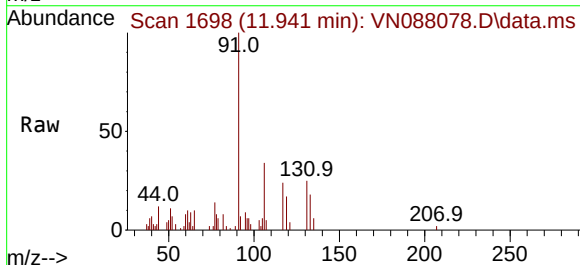
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

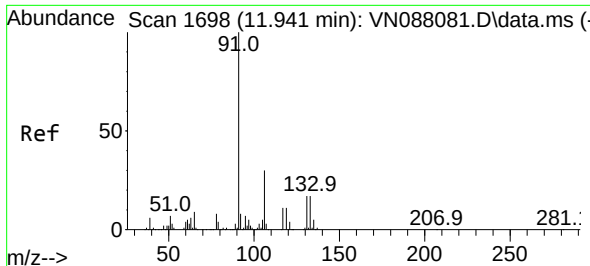
Tgt Ion:112 Resp: 12205
Ion Ratio Lower Upper
112 100
114 24.3 24.3 36.5#



#66
1,1,1,2-Tetrachloroethane
Concen: 1.066 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:131 Resp: 4044
Ion Ratio Lower Upper
131 100
133 98.9 48.0 144.0
119 0.0 32.6 97.7#





#67

Ethyl Benzene

Concen: 1.038 ug/l

RT: 11.947 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

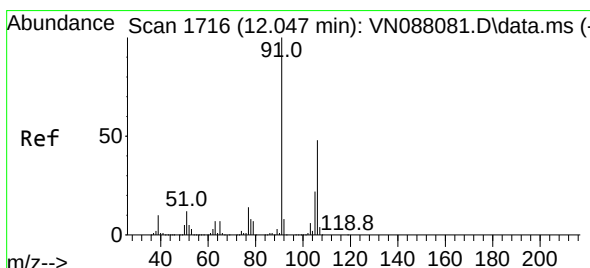
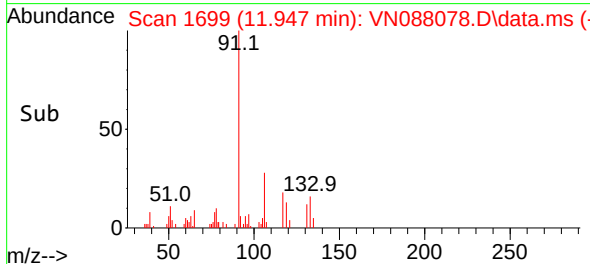
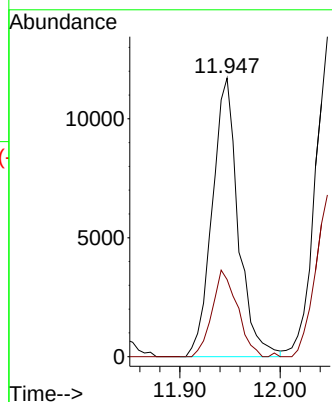
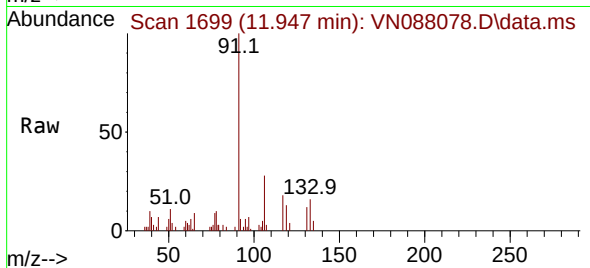
VSTDIC001

Tgt Ion: 91 Resp: 21103

Ion Ratio Lower Upper

91 100

106 27.7 24.1 36.1



#68

m/p-Xylenes

Concen: 1.964 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088078.D

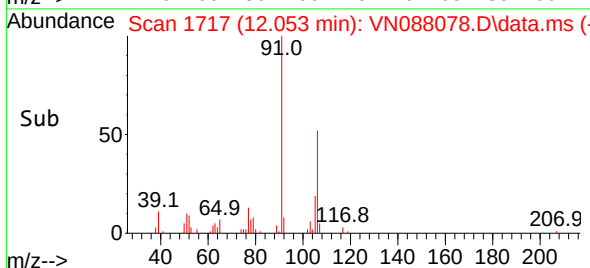
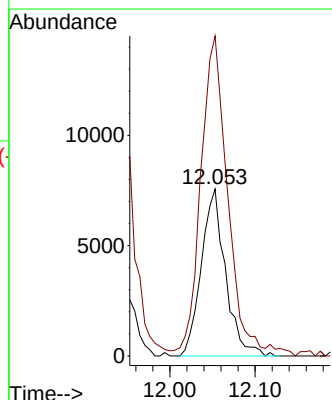
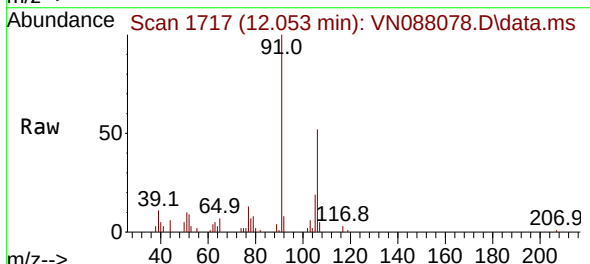
Acq: 23 Oct 2025 09:42

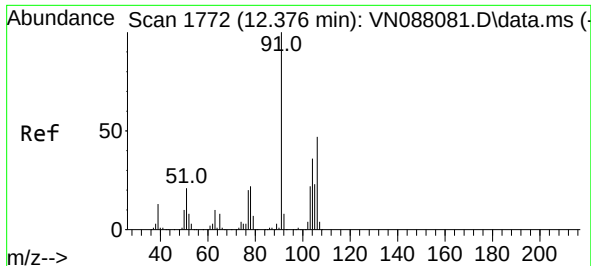
Tgt Ion:106 Resp: 14958

Ion Ratio Lower Upper

106 100

91 201.0 169.3 253.9

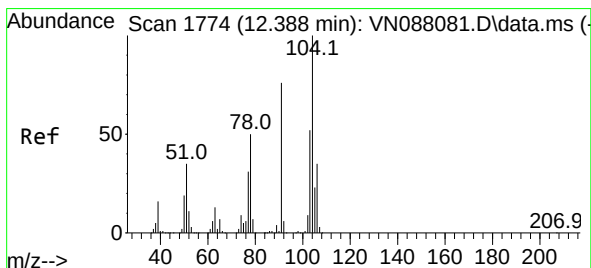
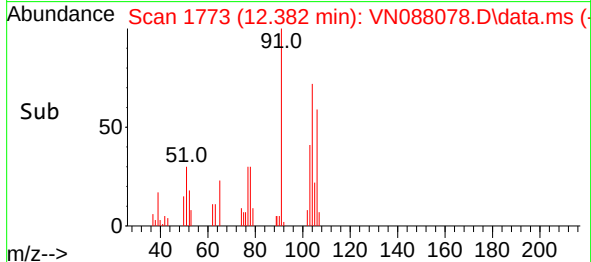
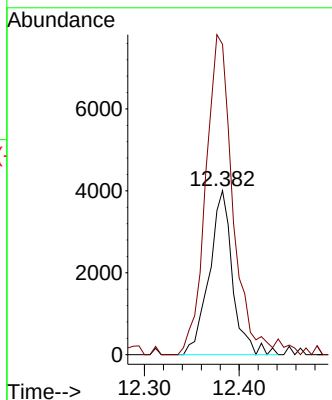
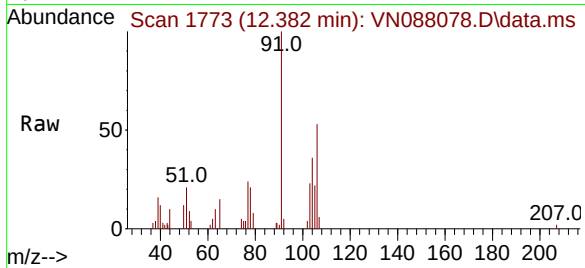




#69
o-Xylene
Concen: 0.946 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

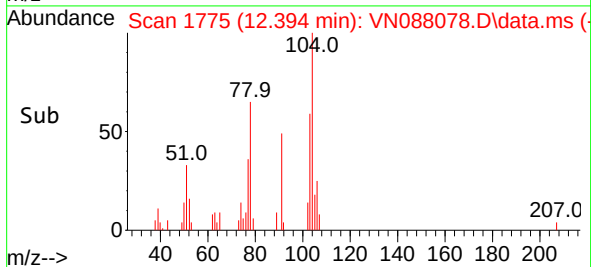
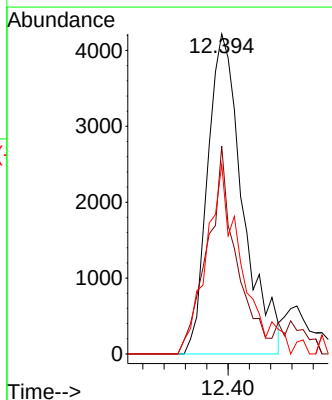
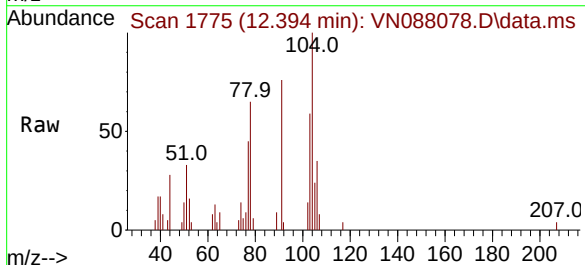
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

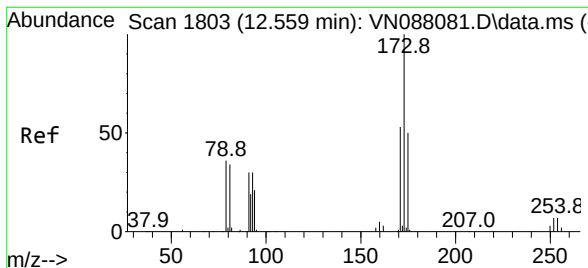
Tgt Ion:106 Resp: 6831
Ion Ratio Lower Upper
106 100
91 225.5 111.4 334.2



#70
Styrene
Concen: 0.819 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:104 Resp: 9645
Ion Ratio Lower Upper
104 100
78 53.4 42.2 63.2
103 55.5 43.4 65.2





#71

Bromoform

Concen: 0.964 ug/l

RT: 12.565 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

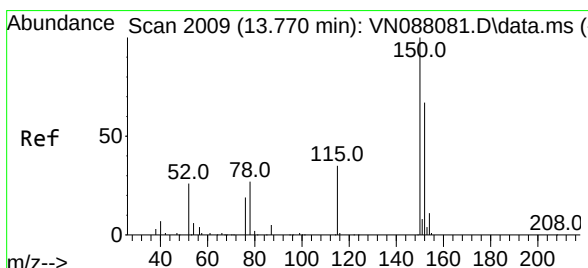
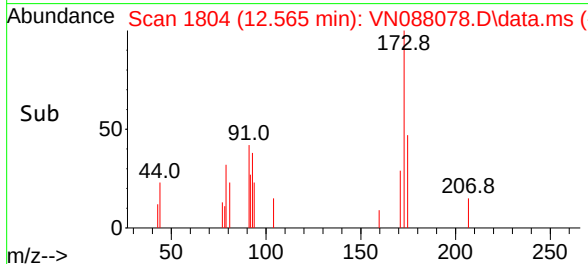
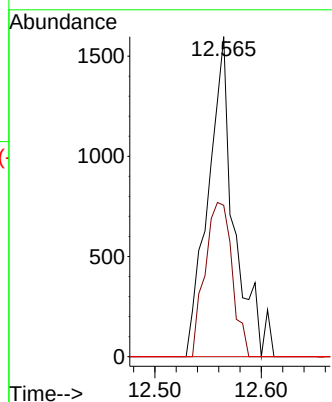
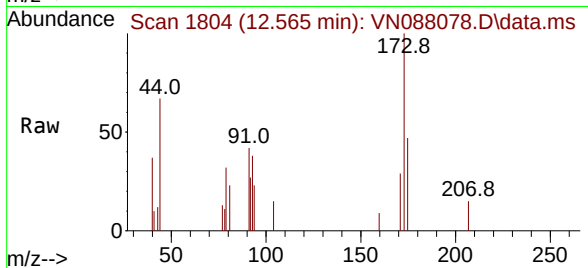
Tgt Ion:173 Resp: 2730

Ion Ratio Lower Upper

173 100

175 49.9 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

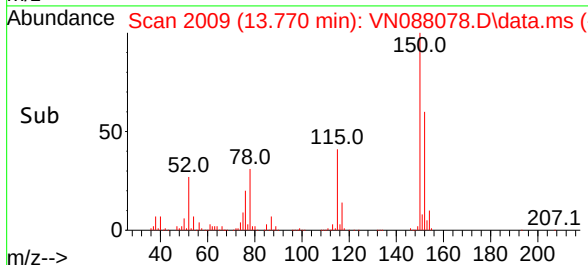
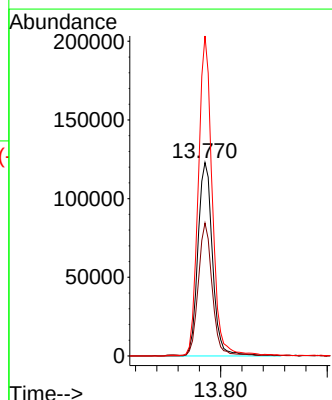
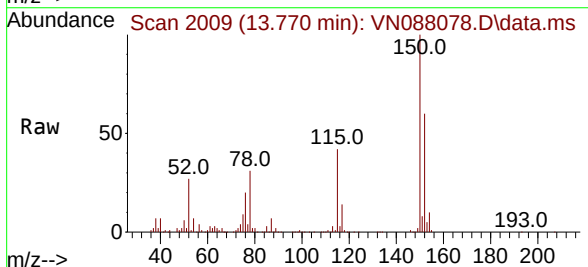
Tgt Ion:152 Resp: 233824

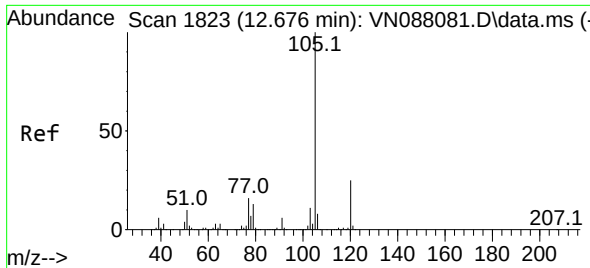
Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

150 157.6 0.0 351.0

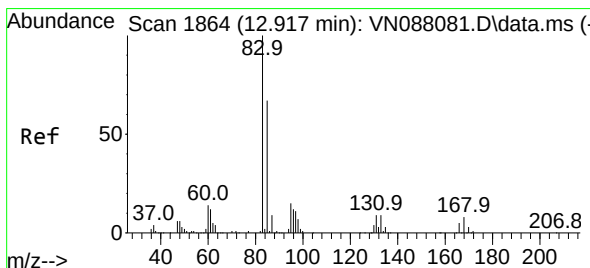
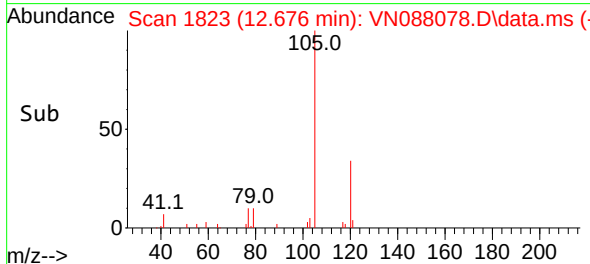
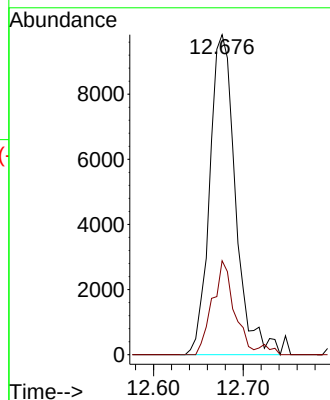
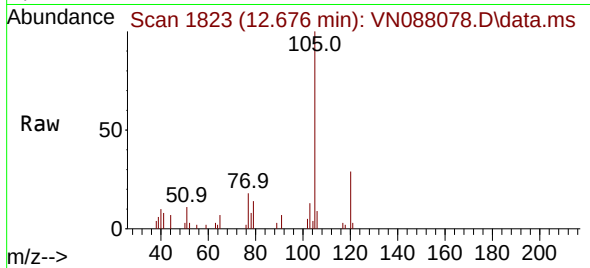




#73
Isopropylbenzene
Concen: 1.086 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

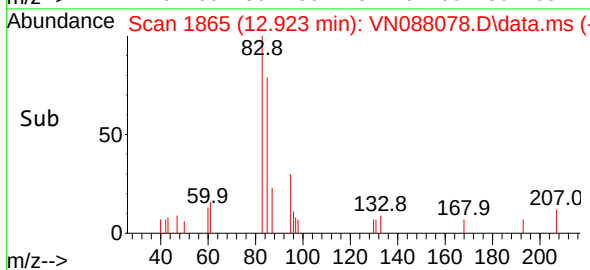
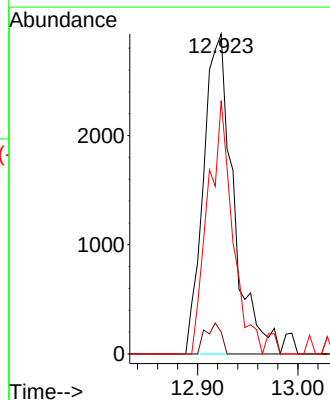
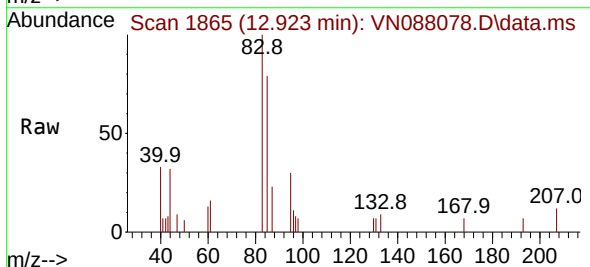
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

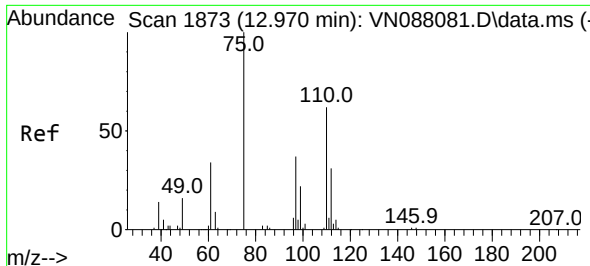
Tgt Ion:105 Resp: 19589
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 1.086 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 83 Resp: 6098
Ion Ratio Lower Upper
83 100
131 5.1 4.8 14.4
85 64.8 32.1 96.3

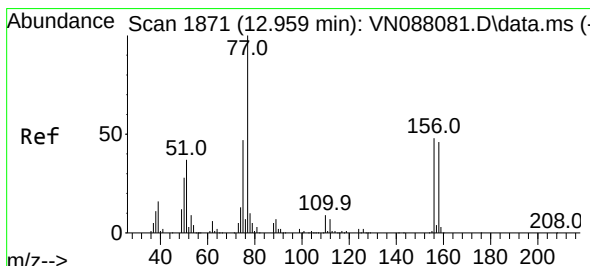
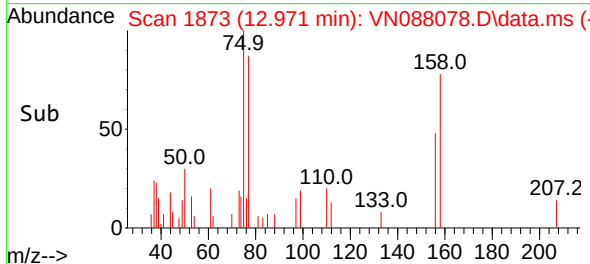
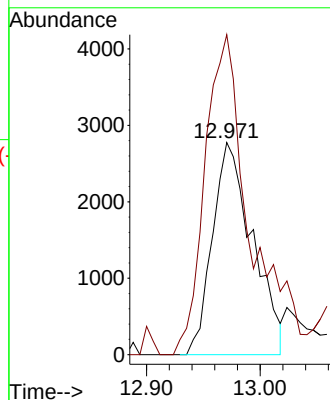
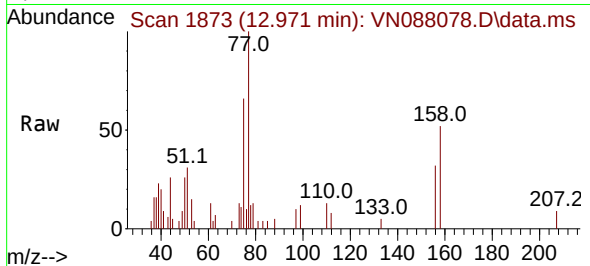




#76
1,2,3-Trichloropropane
Concen: 1.360 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

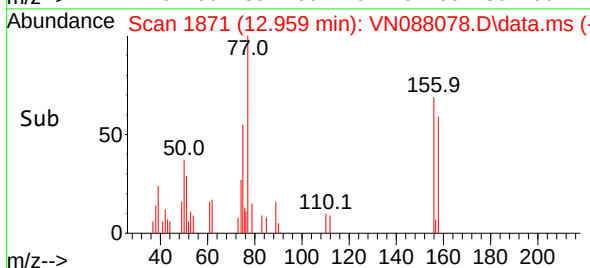
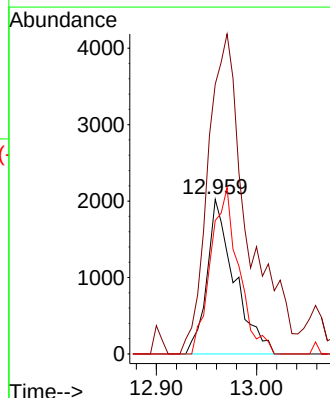
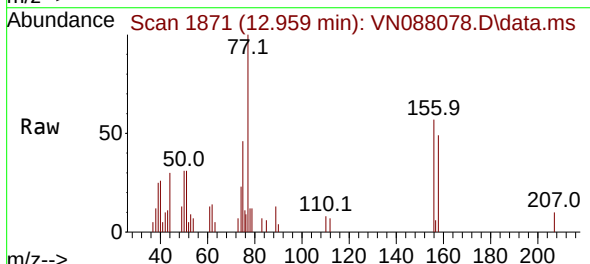
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

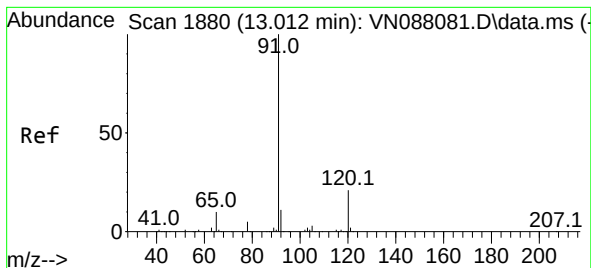
Tgt Ion: 75 Resp: 6808
Ion Ratio Lower Upper
75 100
77 169.2 89.1 267.4



#77
Bromobenzene
Concen: 0.993 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:156 Resp: 3862
Ion Ratio Lower Upper
156 100
77 298.3 119.3 358.0
158 109.7 48.2 144.6





#78

n-propylbenzene

Concen: 1.036 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

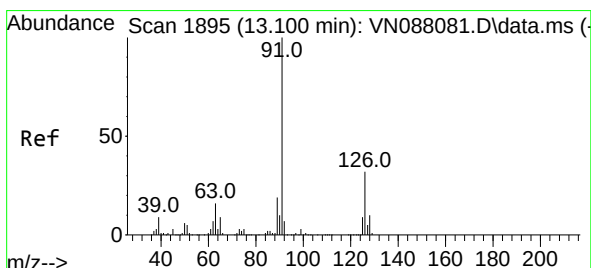
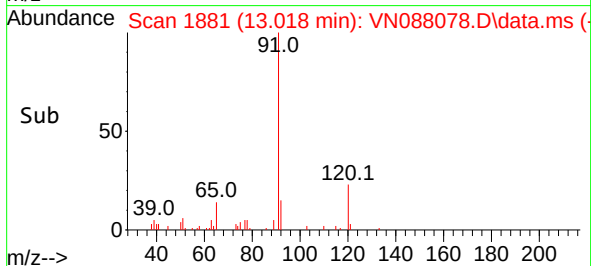
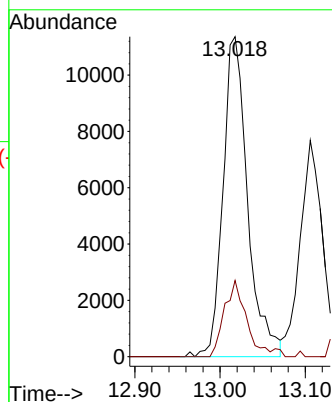
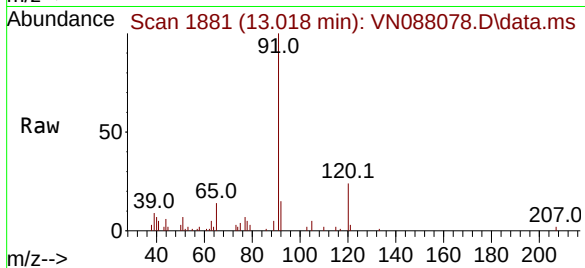
VSTDIC001

Tgt Ion: 91 Resp: 22793

Ion Ratio Lower Upper

91 100

120 21.9 10.7 32.1



#79

2-Chlorotoluene

Concen: 0.929 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088078.D

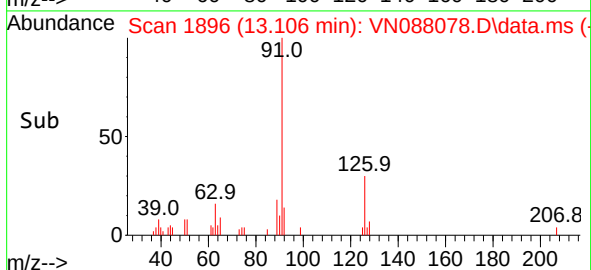
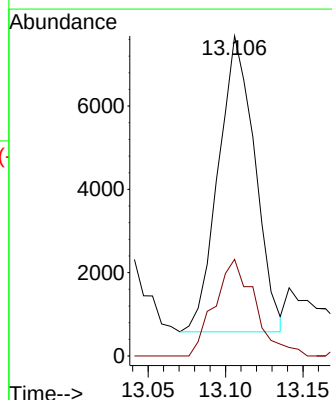
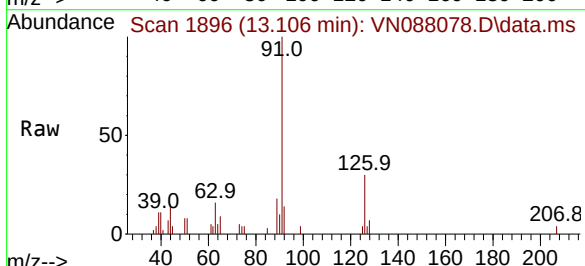
Acq: 23 Oct 2025 09:42

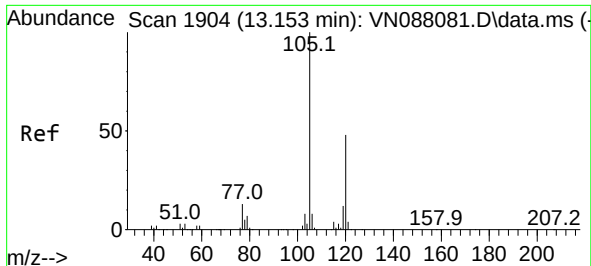
Tgt Ion: 91 Resp: 11655

Ion Ratio Lower Upper

91 100

126 36.1 16.1 48.3

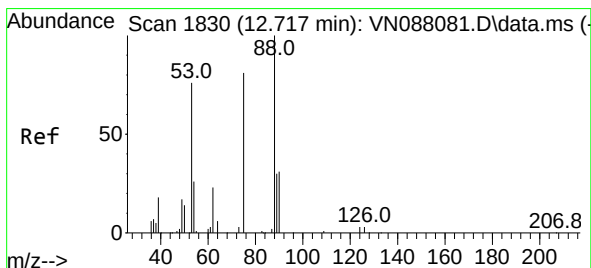
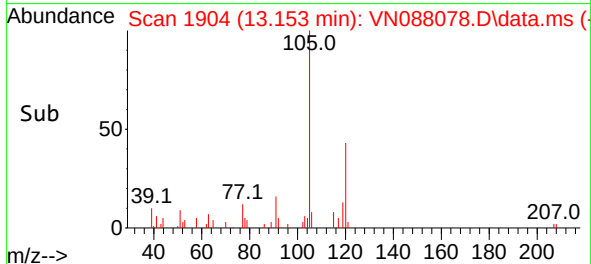
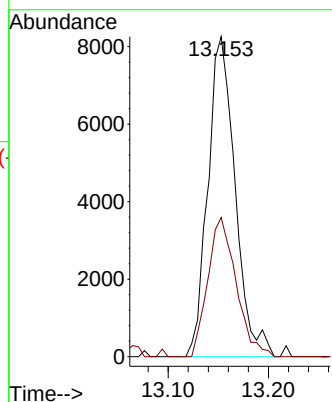
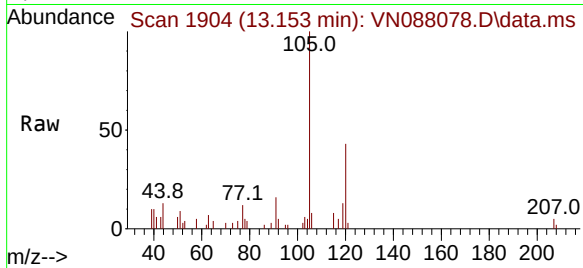




#80
 1,3,5-Trimethylbenzene
 Concen: 1.039 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

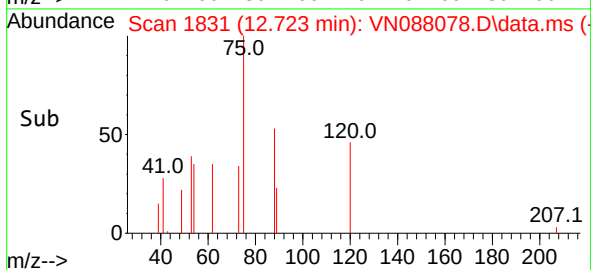
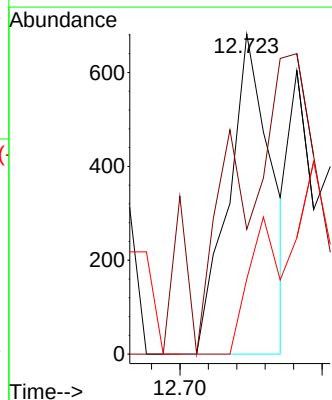
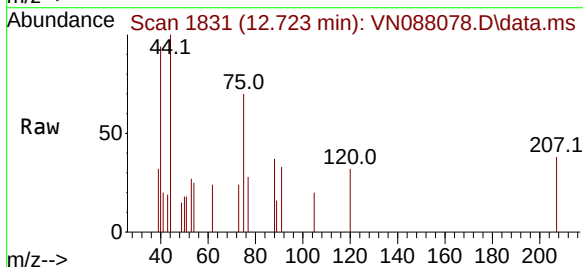
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

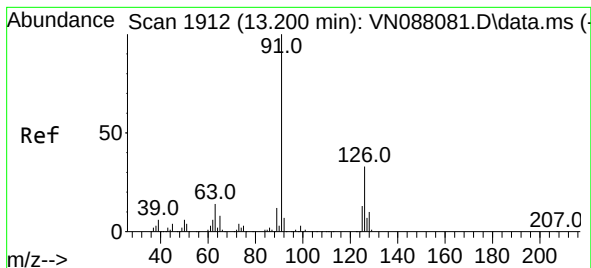
Tgt Ion:105 Resp: 15569
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.371 ug/l
 RT: 12.723 min Scan# 1831
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion: 75 Resp: 713
 Ion Ratio Lower Upper
 75 100
 53 67.7 101.8 152.6#
 89 0.0 35.6 53.4#

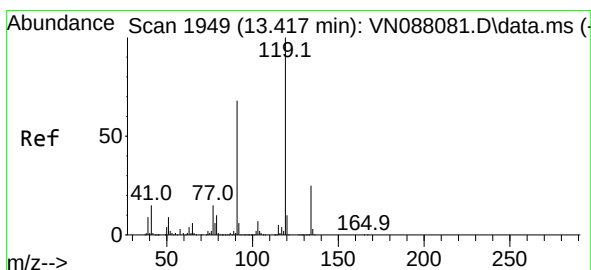
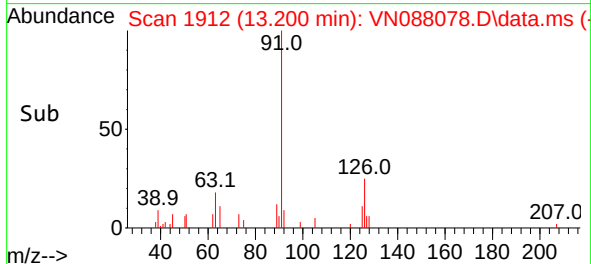
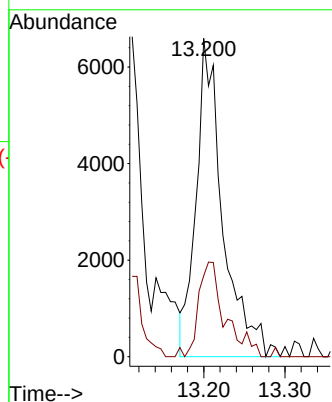
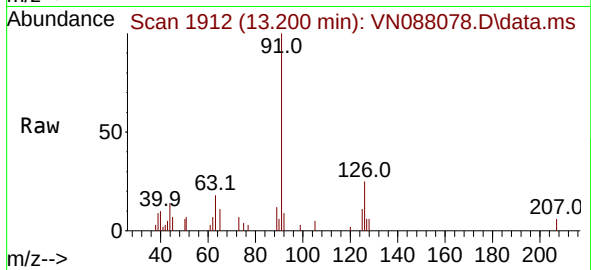




#82
4-Chlorotoluene
Concen: 1.109 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

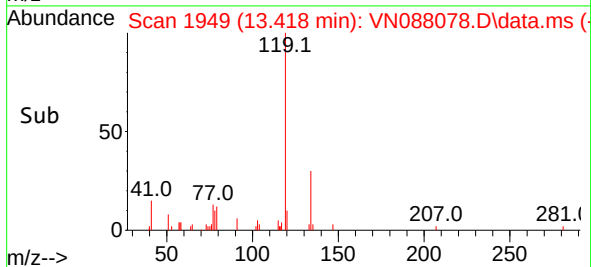
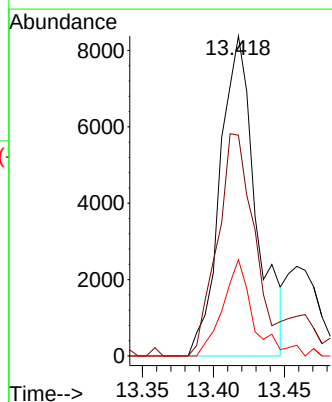
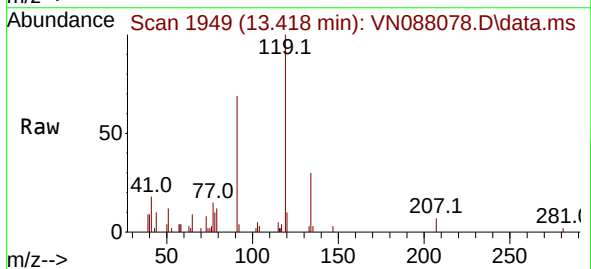
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

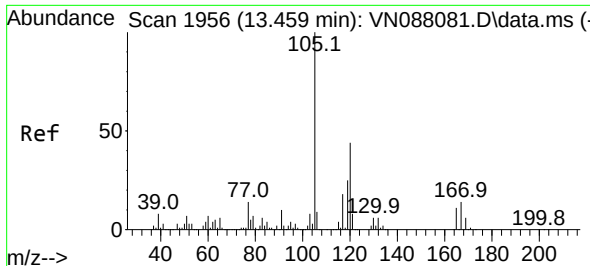
Tgt Ion: 91 Resp: 15055
Ion Ratio Lower Upper
91 100
126 27.2 15.6 46.8



#83
tert-Butylbenzene
Concen: 1.102 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 119 Resp: 14748
Ion Ratio Lower Upper
119 100
91 72.1 35.0 105.0
134 26.0 12.6 37.8

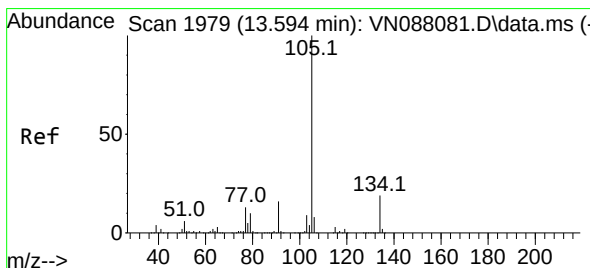
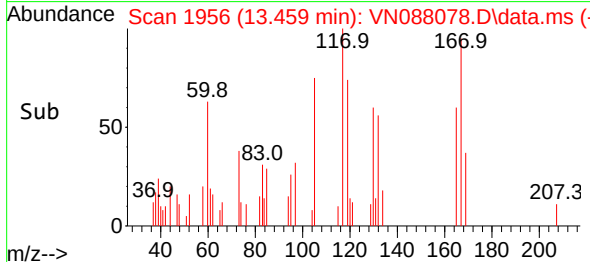
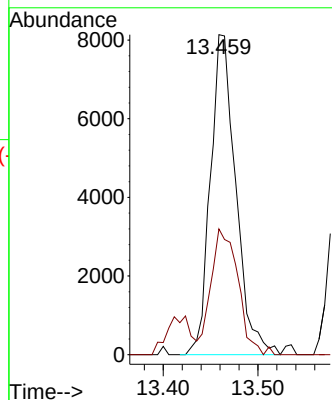
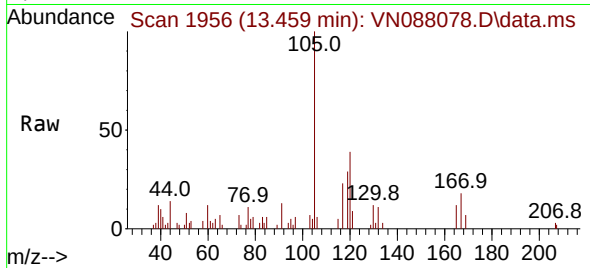




#84
1,2,4-Trimethylbenzene
Concen: 1.012 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

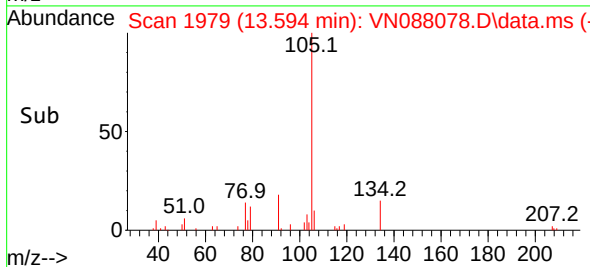
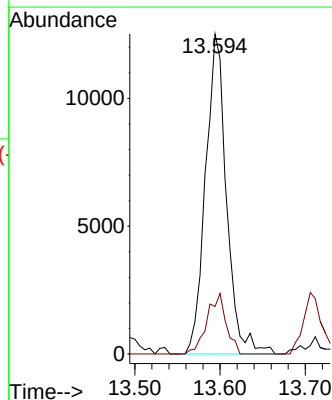
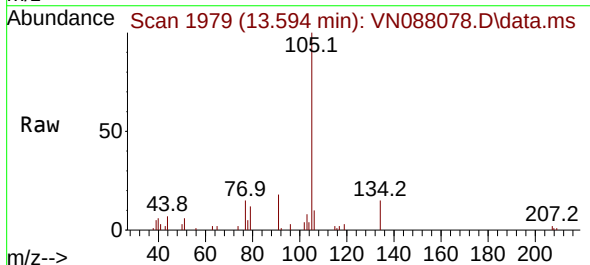
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

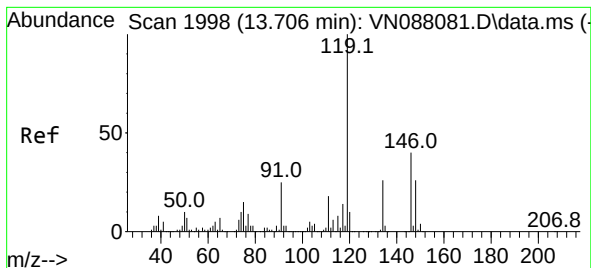
Tgt Ion:105 Resp: 15160
Ion Ratio Lower Upper
105 100
120 42.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 1.089 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion:105 Resp: 21410
Ion Ratio Lower Upper
105 100
134 17.3 9.6 28.6

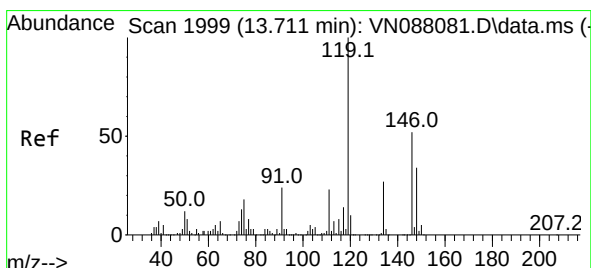
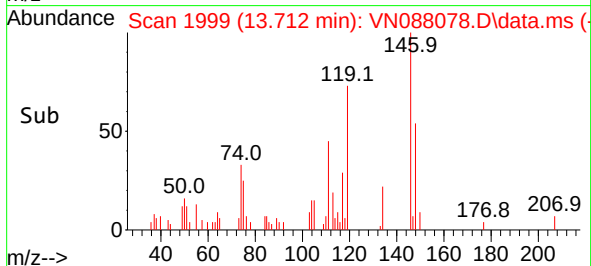
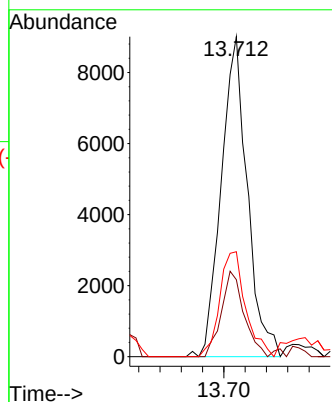
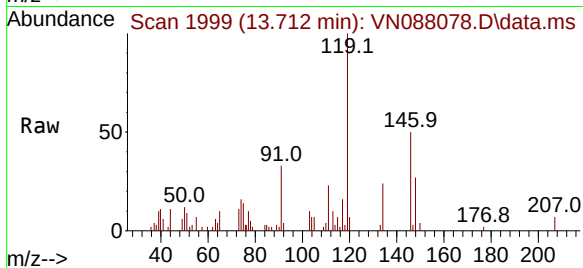




#86
 p-Isopropyltoluene
 Concen: 0.970 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

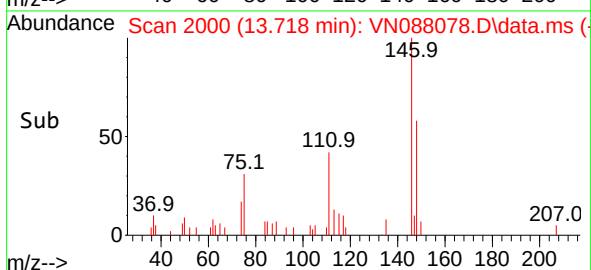
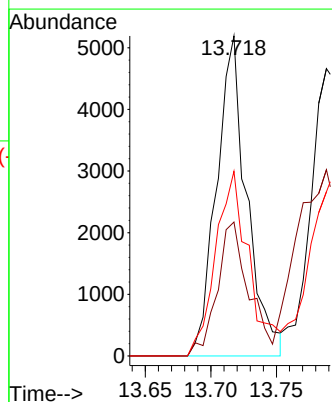
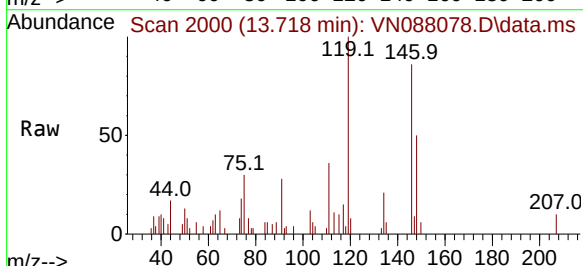
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

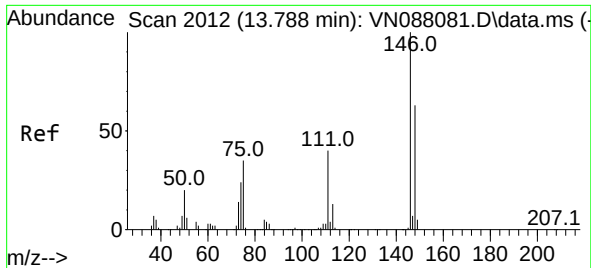
Tgt Ion:	119	Resp:	15289
Ion	Ratio	Lower	Upper
119	100		
134	23.2	12.7	38.0
91	32.5	12.5	37.5



#87
 1,3-Dichlorobenzene
 Concen: 1.071 ug/l
 RT: 13.718 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Tgt Ion:	146	Resp:	8312
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.5
148	64.1	32.0	96.2

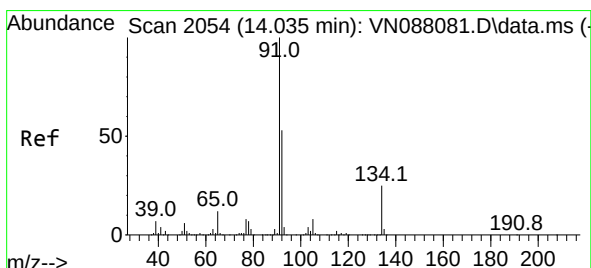
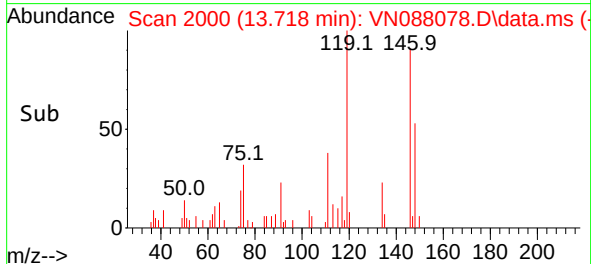
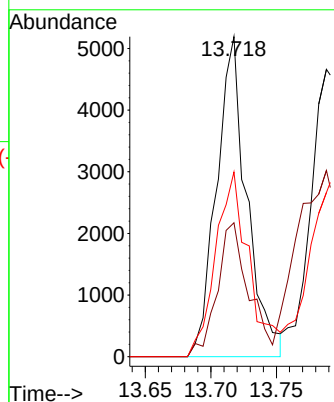
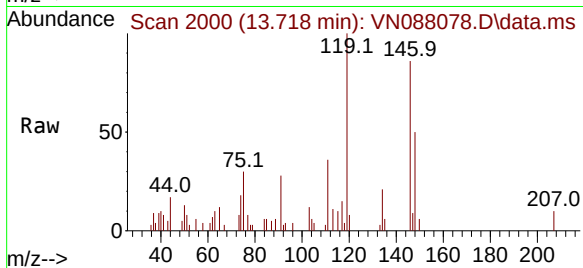




#88
1,4-Dichlorobenzene
Concen: 0.994 ug/l
RT: 13.718 min Scan# 2012
Delta R.T. -0.071 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

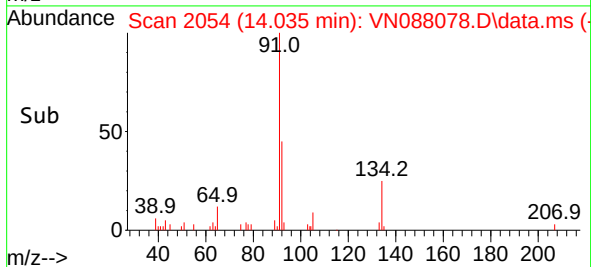
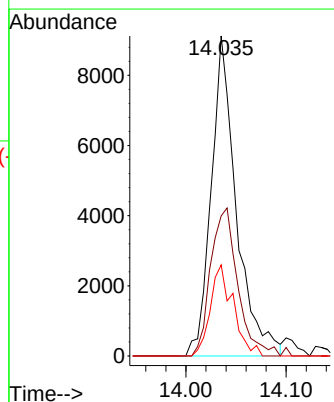
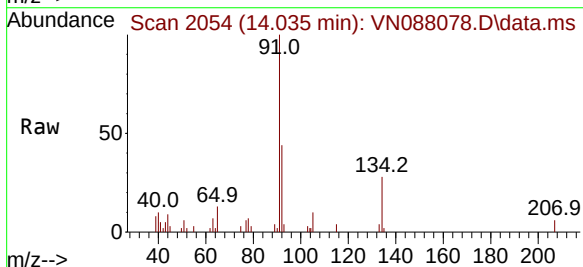
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

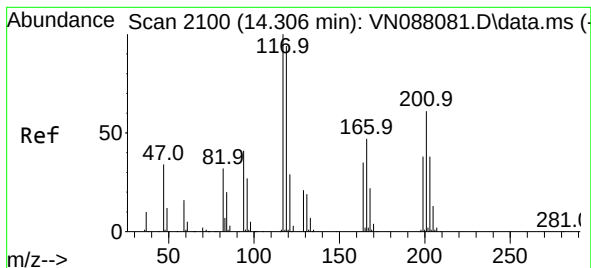
Tgt Ion:146	Resp:	8312
Ion	Ratio	Lower Upper
146	100	
111	43.7	21.0 63.0
148	64.1	32.0 96.0



#89
n-Butylbenzene
Concen: 1.017 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088078.D
Acq: 23 Oct 2025 09:42

Tgt Ion: 91	Resp:	15880
Ion	Ratio	Lower Upper
91	100	
92	50.4	25.9 77.8
134	26.0	11.7 35.0





#90

Hexachloroethane

Concen: 1.052 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

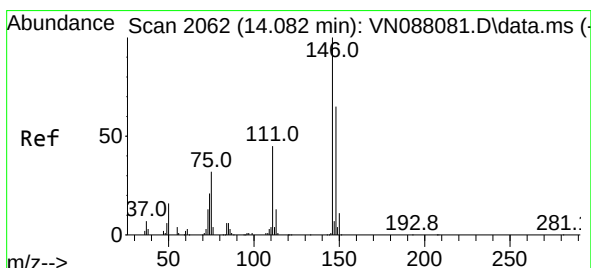
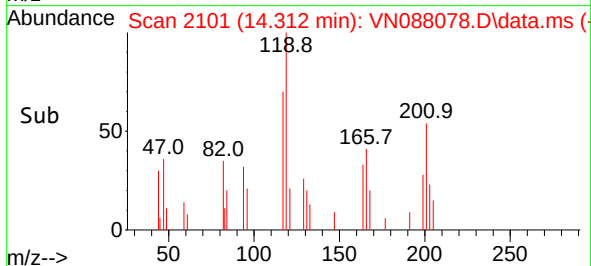
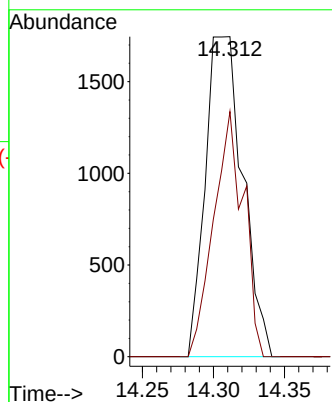
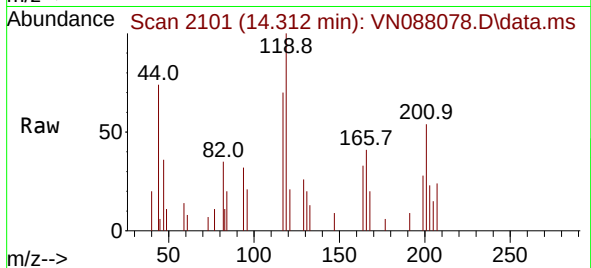
VSTDIC001

Tgt Ion:117 Resp: 3211

Ion Ratio Lower Upper

117 100

201 61.4 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 1.105 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

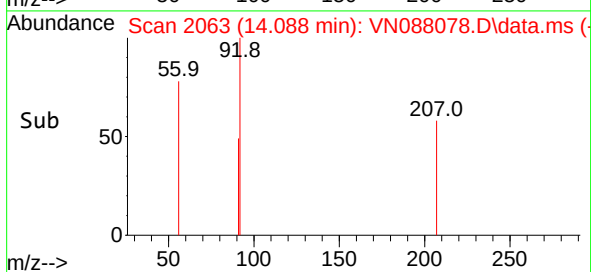
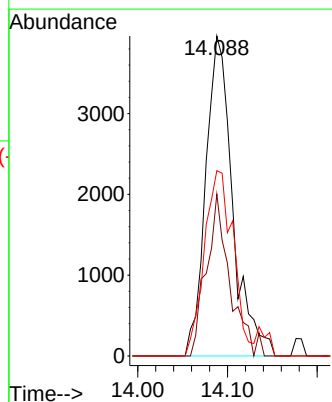
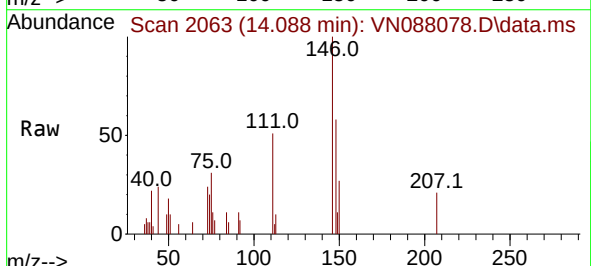
Tgt Ion:146 Resp: 8266

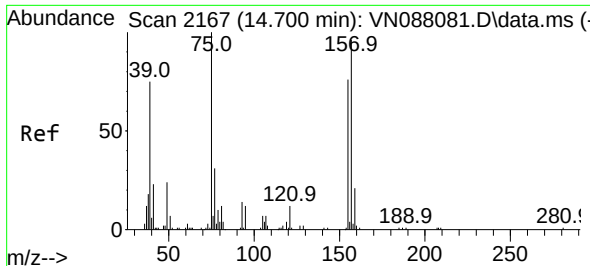
Ion Ratio Lower Upper

146 100

111 44.3 22.6 67.8

148 61.9 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.165 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

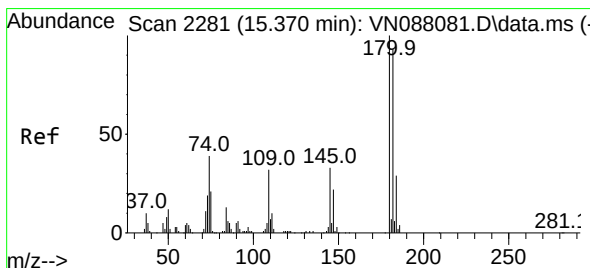
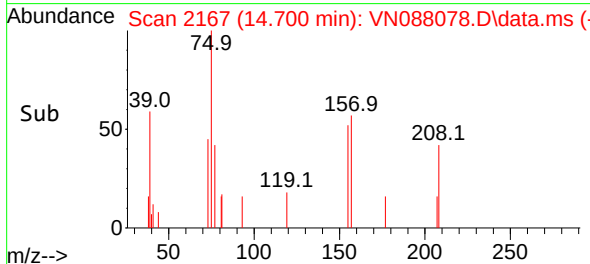
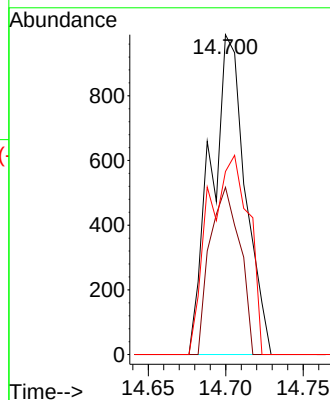
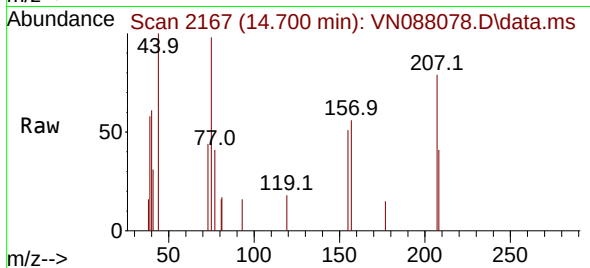
Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

155 45.7 36.6 109.9

157 73.5 45.6 136.9



#93

1,2,4-Trichlorobenzene

Concen: 1.091 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

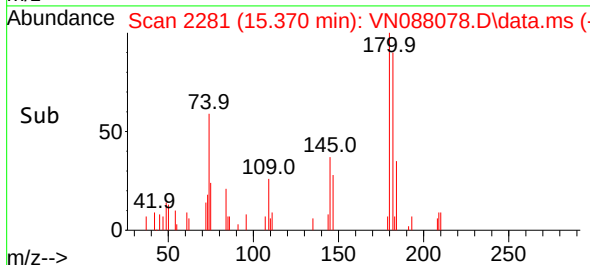
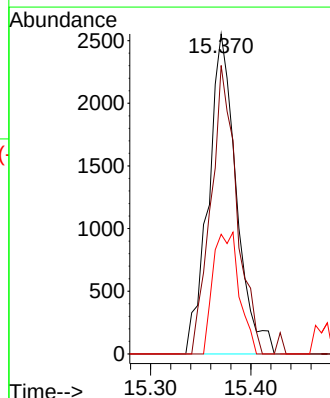
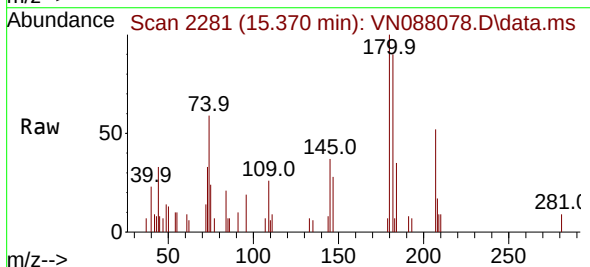
Tgt Ion: 180 Resp: 4946

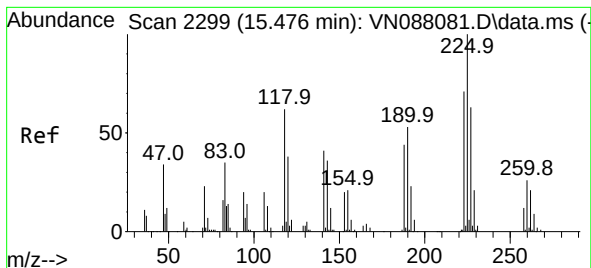
Ion Ratio Lower Upper

180 100

182 83.6 47.6 142.9

145 35.6 16.5 49.5





#94

Hexachlorobutadiene

Concen: 1.142 ug/l

RT: 15.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

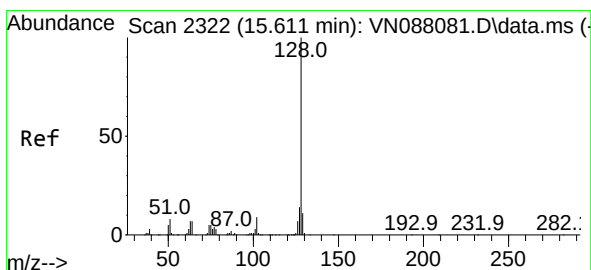
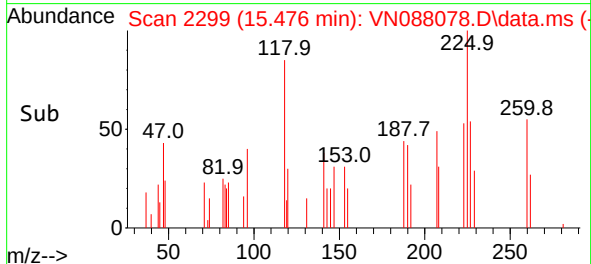
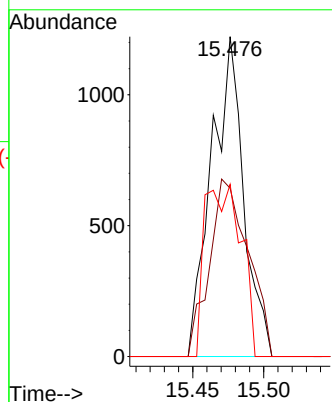
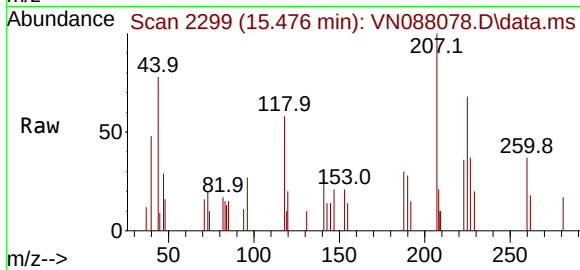
Tgt Ion:225 Resp: 1928

Ion Ratio Lower Upper

225 100

223 66.8 32.0 96.2

227 61.3 32.1 96.5



#95

Naphthalene

Concen: 1.039 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN088078.D

Acq: 23 Oct 2025 09:42

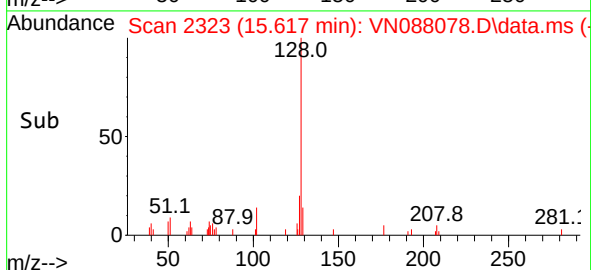
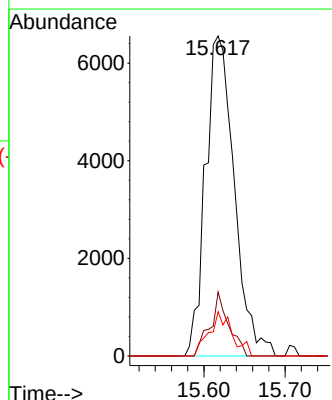
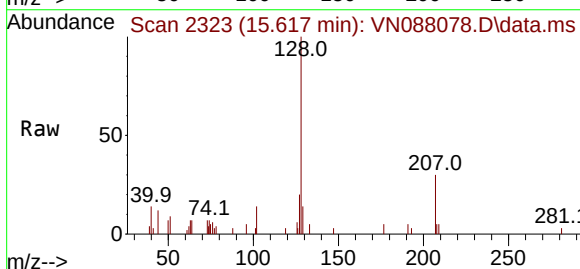
Tgt Ion:128 Resp: 16137

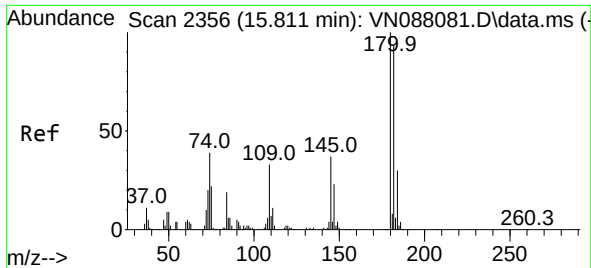
Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

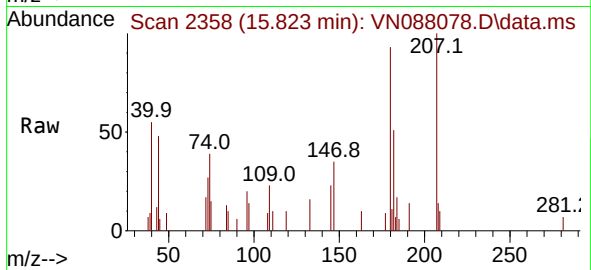
129 11.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.182 ug/l
 RT: 15.823 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN088078.D
 Acq: 23 Oct 2025 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:	180	Resp:	5137
Ion	Ratio	Lower	Upper
180	100		
182	70.8	46.8	140.3
145	34.4	17.3	52.0

