

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
 Data File : VN088239.D
 Acq On : 10 Nov 2025 14:44
 Operator : JC\MD
 Sample : VN1110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBS01

Quant Time: Nov 11 03:52:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	286176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	524957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	463912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271871	54.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.880%	
35) Dibromofluoromethane	8.147	113	189946	53.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.720%	
50) Toluene-d8	10.547	98	680100	50.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.829	95	243684	50.777	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	57910	17.940	ug/l	98
3) Chloromethane	2.383	50	72257	19.027	ug/l	100
4) Vinyl Chloride	2.536	62	75586	18.267	ug/l	93
5) Bromomethane	2.977	94	44578	18.011	ug/l	90
6) Chloroethane	3.136	64	52658	17.663	ug/l	98
7) Trichlorofluoromethane	3.506	101	113104	17.138	ug/l	95
8) Diethyl Ether	3.959	74	47057	19.185	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	62227	18.272	ug/l	96
10) Methyl Iodide	4.588	142	64413	20.696	ug/l	93
11) Tert butyl alcohol	5.524	59	102797	120.578	ug/l	98
12) 1,1-Dichloroethene	4.336	96	61188	17.011	ug/l	96
13) Acrolein	4.171	56	105961	110.497	ug/l	98
14) Allyl chloride	5.012	41	127443	20.214	ug/l	99
15) Acrylonitrile	5.706	53	266578	114.793	ug/l	99
16) Acetone	4.424	43	255432	102.744	ug/l	99
17) Carbon Disulfide	4.706	76	191306	17.496	ug/l	100
18) Methyl Acetate	5.024	43	126675	24.889	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	286298	21.674	ug/l	99
20) Methylene Chloride	5.265	84	84700	20.296	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	73428	18.598	ug/l	97
22) Diisopropyl ether	6.659	45	292427	22.055	ug/l	97
23) Vinyl Acetate	6.588	43	1332680	111.584	ug/l	98
24) 1,1-Dichloroethane	6.553	63	153128	20.849	ug/l	98
25) 2-Butanone	7.471	43	370702	113.146	ug/l	100
26) 2,2-Dichloropropane	7.471	77	128373	19.234	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	91672	20.169	ug/l	96
28) Bromochloromethane	7.800	49	75341	21.710	ug/l	98
29) Tetrahydrofuran	7.824	42	240366	112.574	ug/l	97
30) Chloroform	7.947	83	156117	21.277	ug/l	99
31) Cyclohexane	8.241	56	128971	18.619	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	130641	19.991	ug/l	97
36) 1,1-Dichloropropene	8.353	75	103201	20.042	ug/l	99
37) Ethyl Acetate	7.547	43	147864	22.251	ug/l	96
38) Carbon Tetrachloride	8.341	117	106706	20.063	ug/l	97
39) Methylcyclohexane	9.582	83	116451	17.594	ug/l	96
40) Benzene	8.582	78	322180	20.544	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	76338	21.827	ug/l	98
42) 1,2-Dichloroethane	8.653	62	132408	23.763	ug/l	99
43) Isopropyl Acetate	8.671	43	235397	23.053	ug/l	99
44) Trichloroethene	9.329	130	71838	19.598	ug/l	99
45) 1,2-Dichloropropane	9.600	63	84327	21.299	ug/l	97
46) Dibromomethane	9.688	93	64867	22.973	ug/l	98
47) Bromodichloromethane	9.865	83	126199	22.323	ug/l	95
48) Methyl methacrylate	9.665	41	107083	22.715	ug/l	99
49) 1,4-Dioxane	9.682	88	29875	509.523	ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	714367	118.258	ug/l	100
52) Toluene	10.606	92	194635	20.130	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	130523	21.693	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	137666	21.562	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	79332	21.627	ug/l	95
56) Ethyl methacrylate	10.859	69	127759	22.009	ug/l	98
57) 1,3-Dichloropropane	11.141	76	141607	21.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	323523	107.145	ug/l	100
59) 2-Hexanone	11.176	43	442503	110.425	ug/l	96
60) Dibromochloromethane	11.335	129	89010	21.349	ug/l	99
61) 1,2-Dibromoethane	11.447	107	79672	21.104	ug/l	97
64) Tetrachloroethene	11.082	164	60660	19.823	ug/l	94
65) Chlorobenzene	11.870	112	206570	19.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	74806	21.676	ug/l	100
67) Ethyl Benzene	11.941	91	362863	19.624	ug/l	99
68) m/p-Xylenes	12.053	106	272912	39.392	ug/l	100
69) o-Xylene	12.376	106	133604	20.343	ug/l	100
70) Styrene	12.394	104	219599	20.505	ug/l	98
71) Bromoform	12.559	173	56796	22.052	ug/l #	98
73) Isopropylbenzene	12.676	105	344723	19.976	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.917	83	119688	22.277	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	161687	31.607	ug/l	59
77) Bromobenzene	12.959	156	81882	22.004	ug/l	98
78) n-propylbenzene	13.011	91	418225	19.859	ug/l	99
79) 2-Chlorotoluene	13.106	91	251446	20.937	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	292753	20.426	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	33798	18.430	ug/l #	94
82) 4-Chlorotoluene	13.200	91	262569	20.208	ug/l	100
83) tert-Butylbenzene	13.417	119	244168	19.071	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	295179	20.585	ug/l	98
85) sec-Butylbenzene	13.594	105	361300	19.208	ug/l	99
86) p-Isopropyltoluene	13.706	119	301885	20.006	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	152463	20.523	ug/l	98
88) 1,4-Dichlorobenzene	13.794	146	160973	20.175	ug/l	98
89) n-Butylbenzene	14.035	91	292803	19.590	ug/l	100
90) Hexachloroethane	14.311	117	57458	19.663	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	145697	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28385	22.699	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	87090	20.082	ug/l	98
94) Hexachlorobutadiene	15.476	225	34722	21.500	ug/l	99
95) Naphthalene	15.617	128	294766	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	80113	19.266	ug/l	97

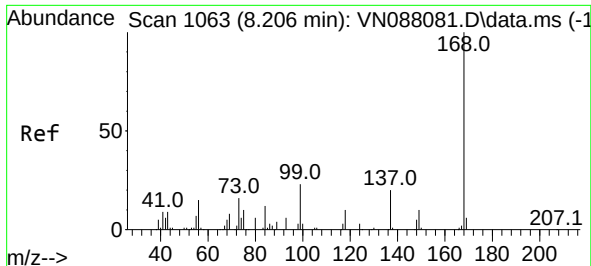
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

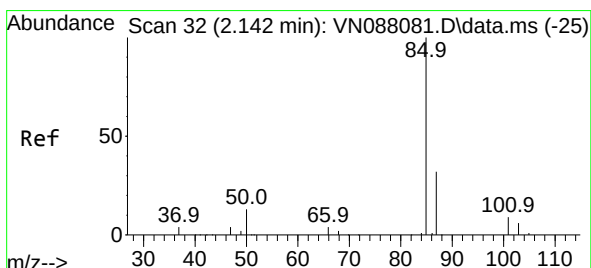
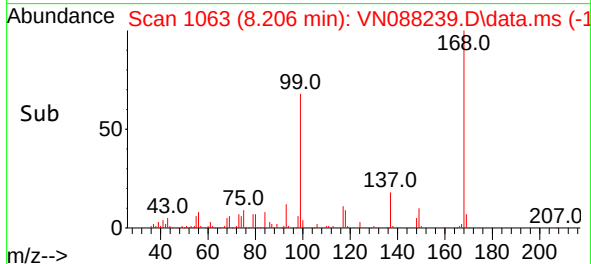
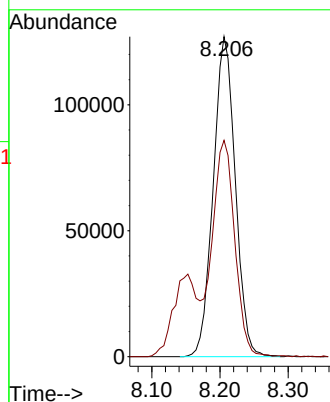
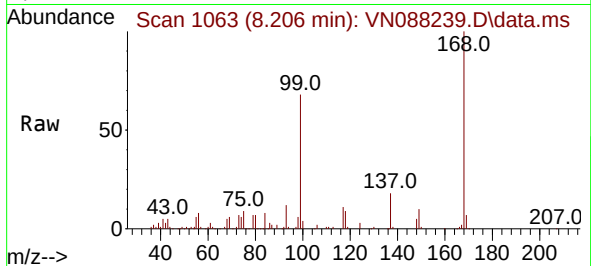
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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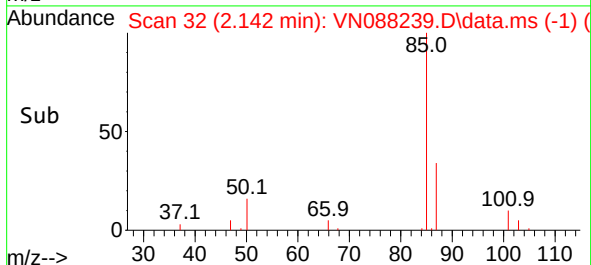
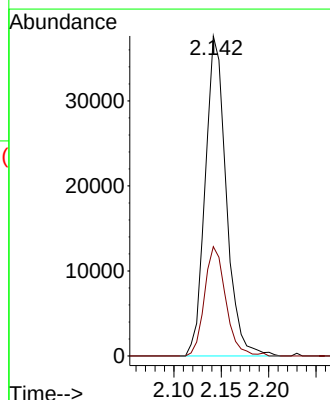
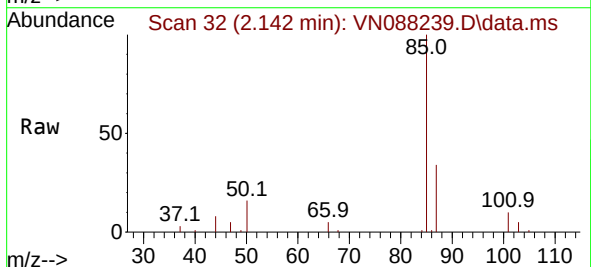
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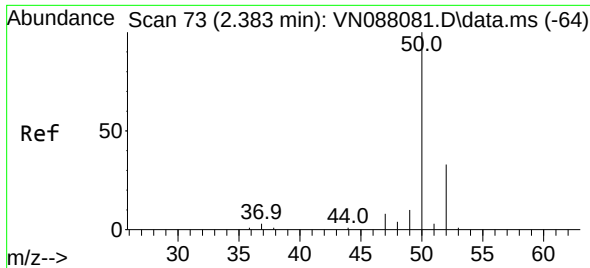
Tgt Ion:168 Resp: 286176
Ion Ratio Lower Upper
168 100
99 67.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 17.940 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 85 Resp: 57910
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.8

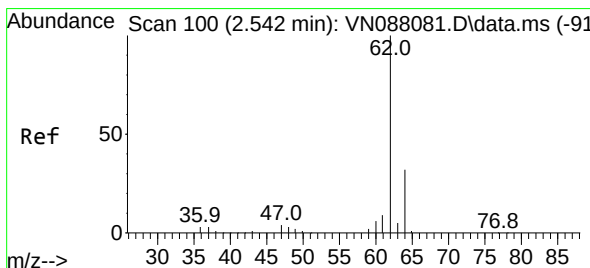
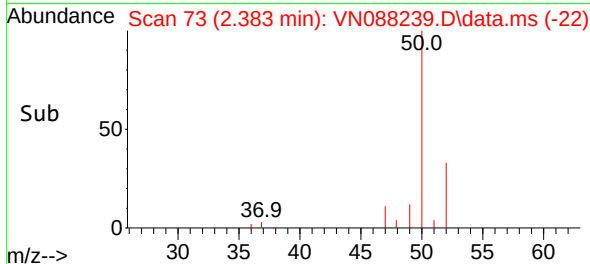
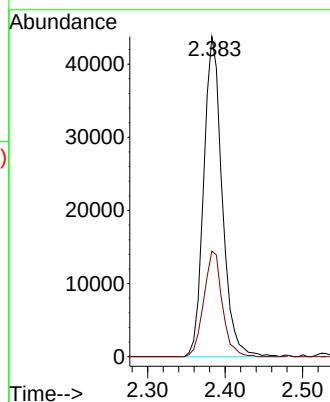
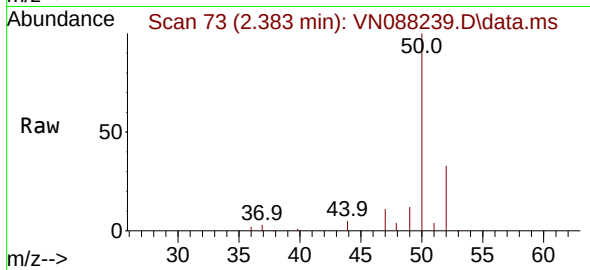




#3
Chloromethane
Concen: 19.027 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

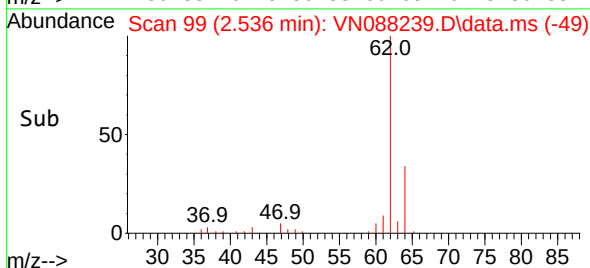
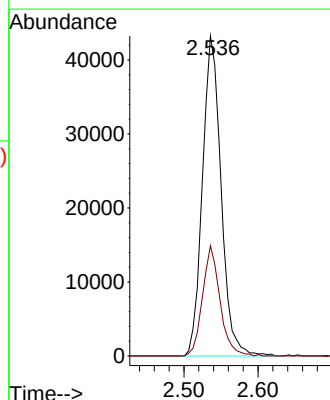
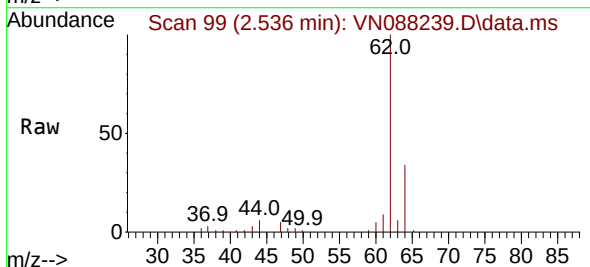
Instrument :
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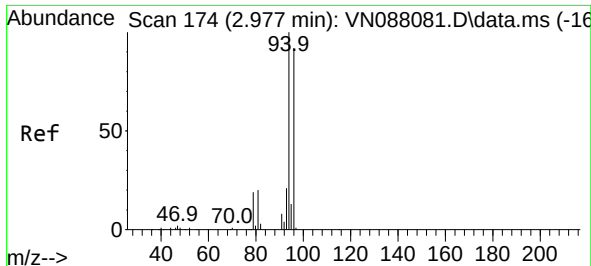
Tgt Ion: 50 Resp: 72257
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4



#4
Vinyl Chloride
Concen: 18.267 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 62 Resp: 75586
Ion Ratio Lower Upper
62 100
64 34.4 24.6 37.0

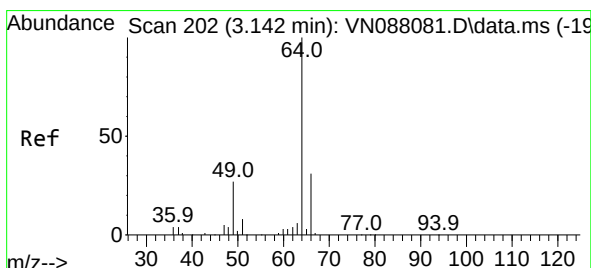
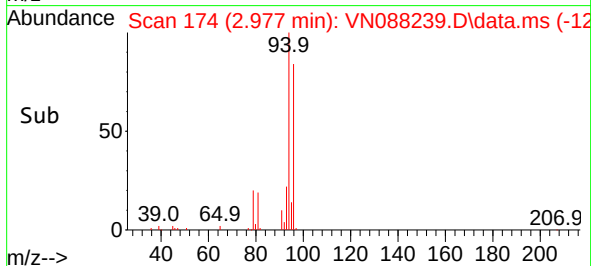
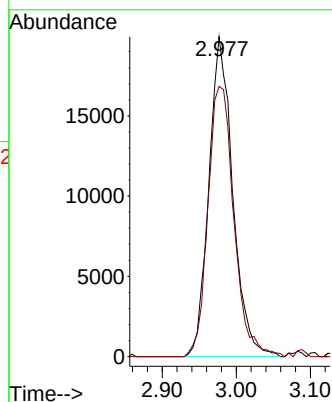
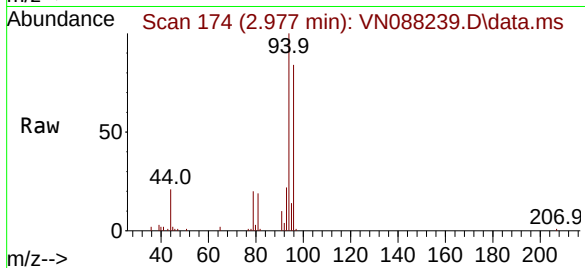




#5
Bromomethane
Concen: 18.011 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

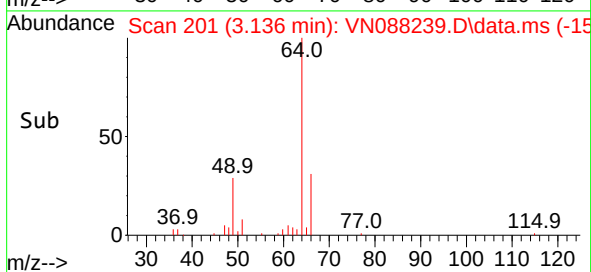
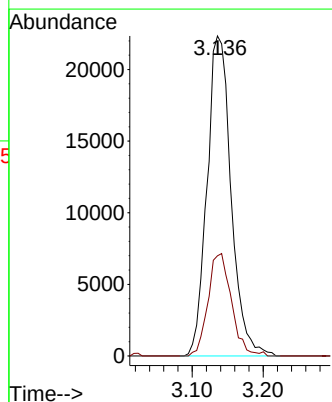
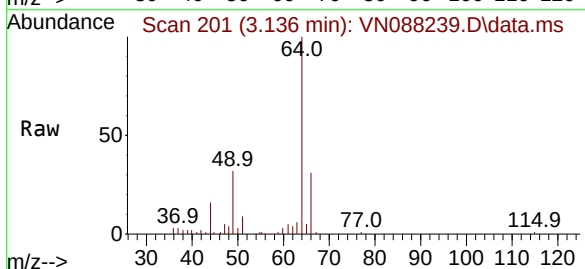
Instrument :
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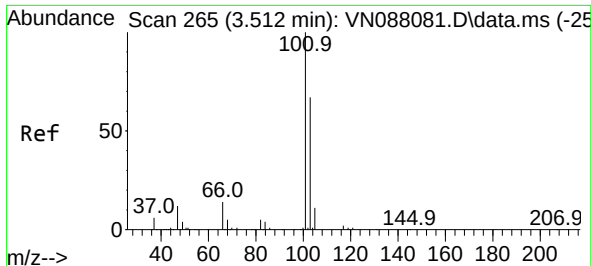
Tgt Ion: 94 Resp: 44578
Ion Ratio Lower Upper
94 100
96 84.5 75.4 113.2



#6
Chloroethane
Concen: 17.663 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 64 Resp: 52658
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2

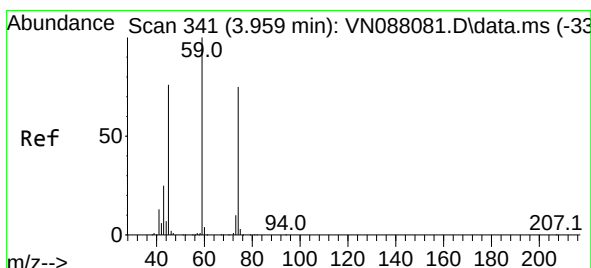
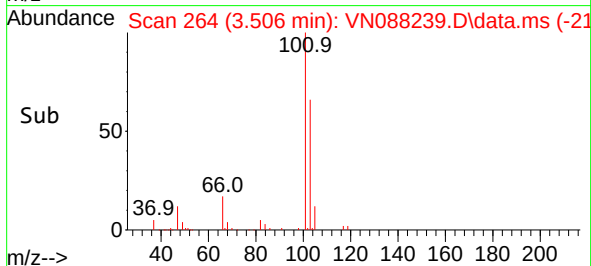
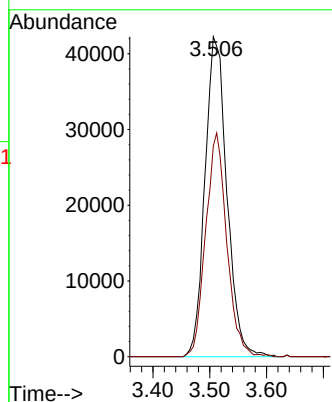
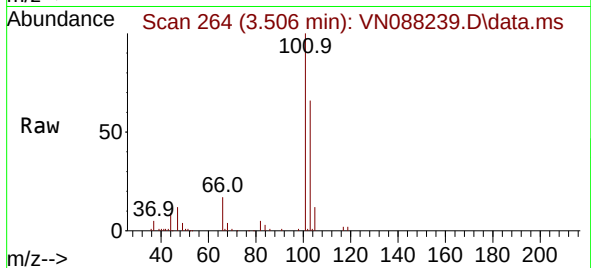




#7
Trichlorofluoromethane
Concen: 17.138 ug/l
RT: 3.506 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

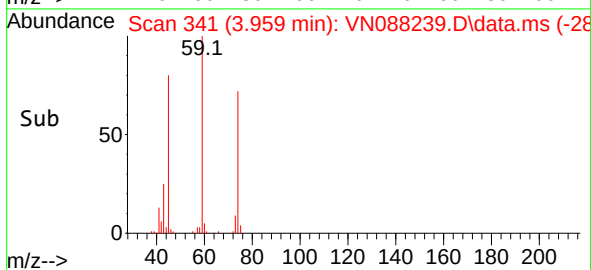
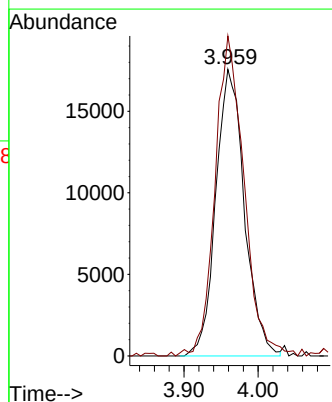
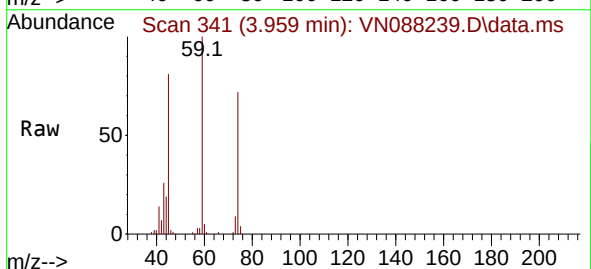
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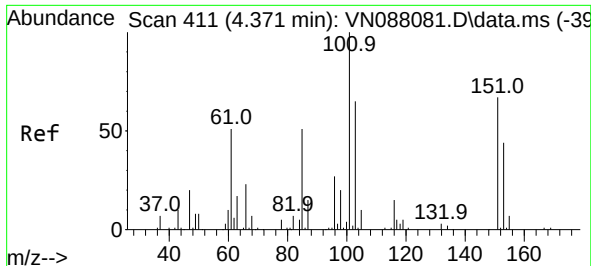
Tgt Ion:101 Resp: 113104
Ion Ratio Lower Upper
101 100
103 65.9 49.4 74.0



#8
Diethyl Ether
Concen: 19.185 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 74 Resp: 47057
Ion Ratio Lower Upper
74 100
45 113.3 50.6 151.9

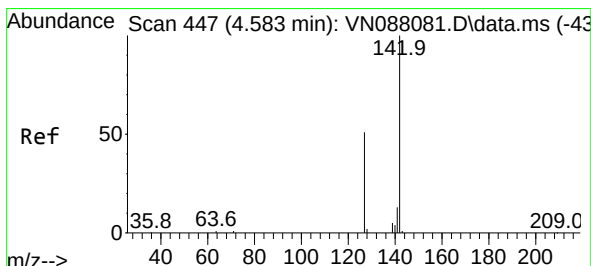
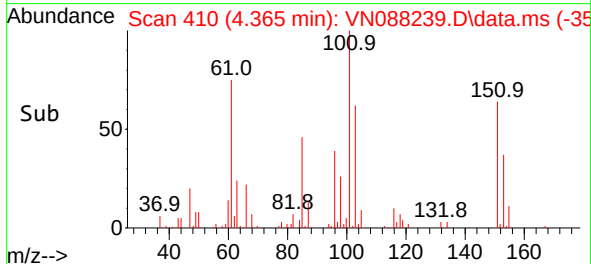
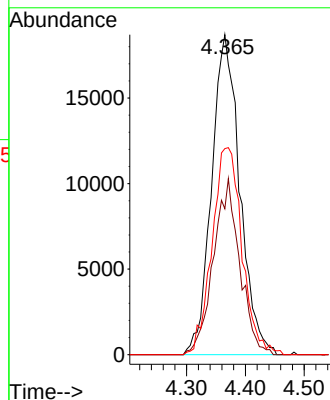
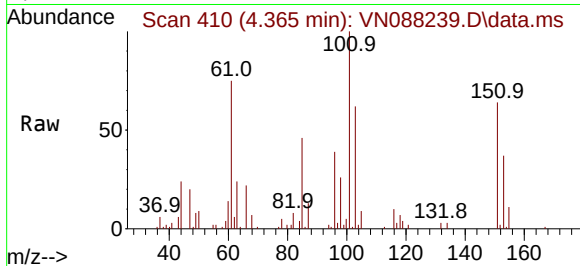




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.272 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088239.D
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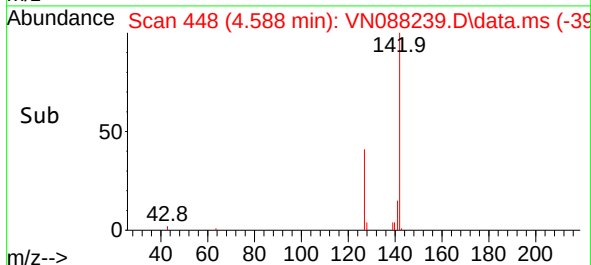
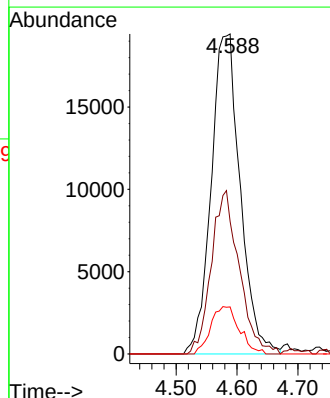
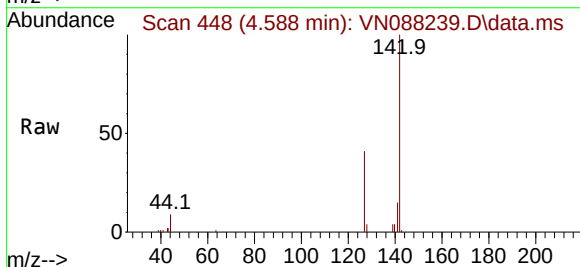
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ClientSampleId :
VN1110MBSD01

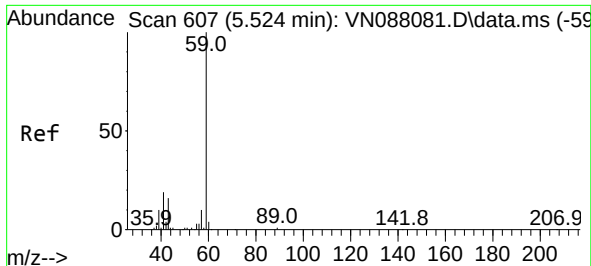
Tgt Ion:101 Resp: 62227
Ion Ratio Lower Upper
101 100
85 51.5 36.6 55.0
151 68.8 54.7 82.1



#10
Methyl Iodide
Concen: 20.696 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.011 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:142 Resp: 64413
Ion Ratio Lower Upper
142 100
127 41.4 38.0 57.0
141 14.7 12.0 18.0

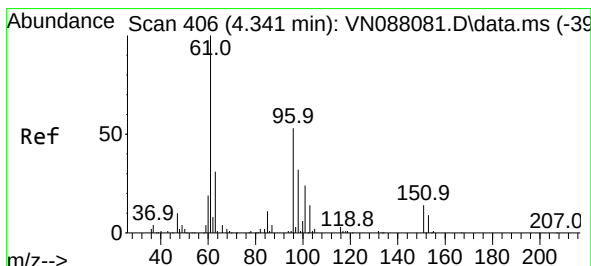
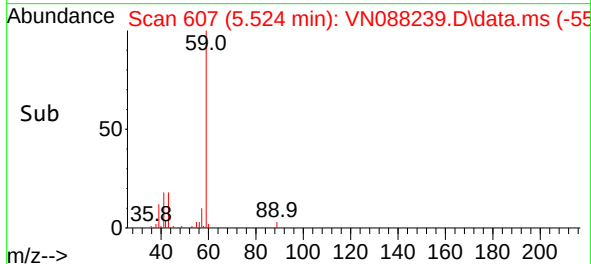
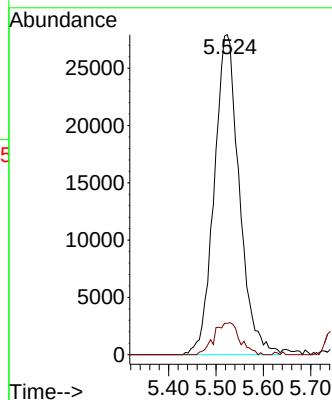
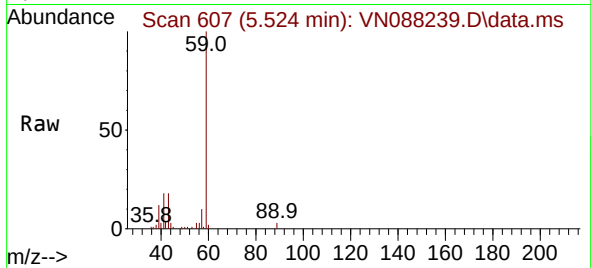




#11
Tert butyl alcohol
Concen: 120.578 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

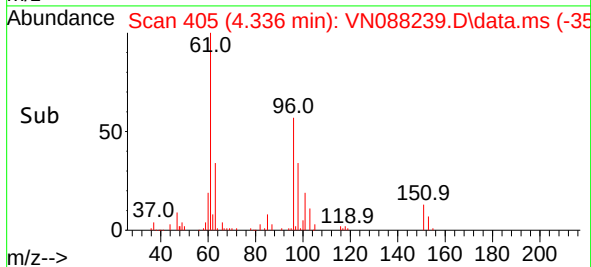
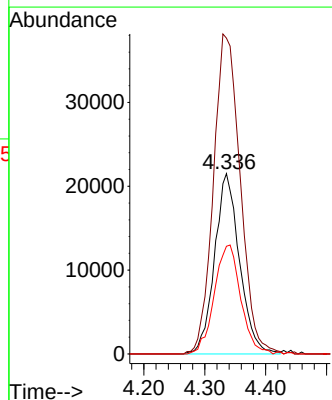
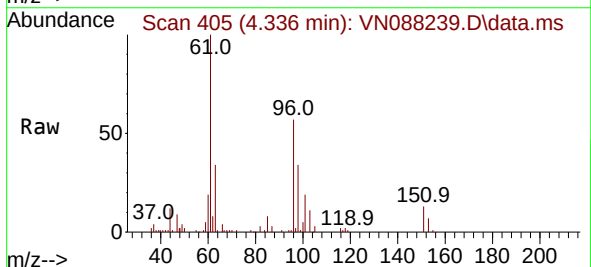
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

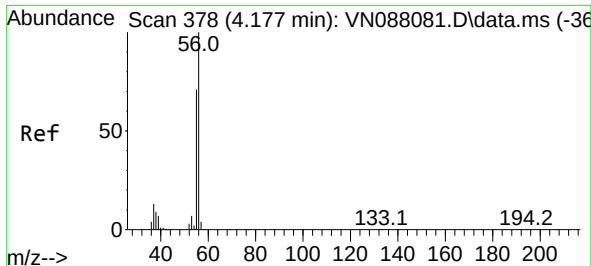
Tgt Ion: 59 Resp: 102797
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.011 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 96 Resp: 61188
Ion Ratio Lower Upper
96 100
61 175.1 143.8 215.8
98 59.7 52.1 78.1





#13

Acrolein

Concen: 110.497 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

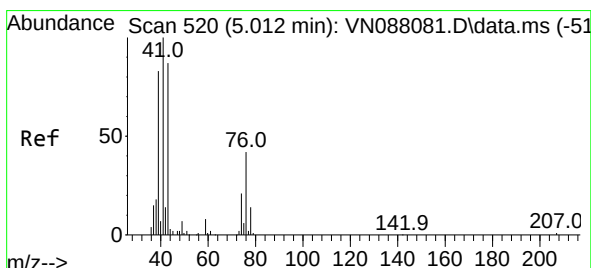
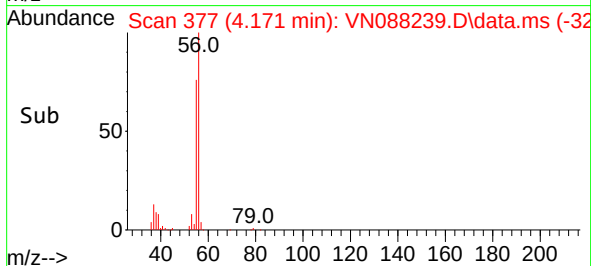
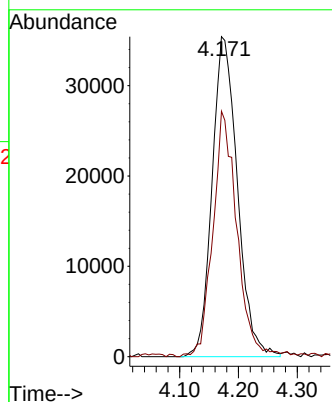
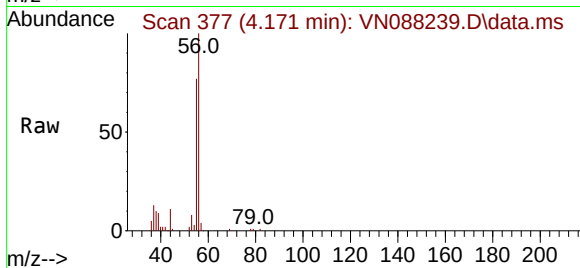
VN1110MBSD01

Tgt Ion: 56 Resp: 105961

Ion Ratio Lower Upper

56 100

55 73.0 57.3 85.9



#14

Allyl chloride

Concen: 20.214 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

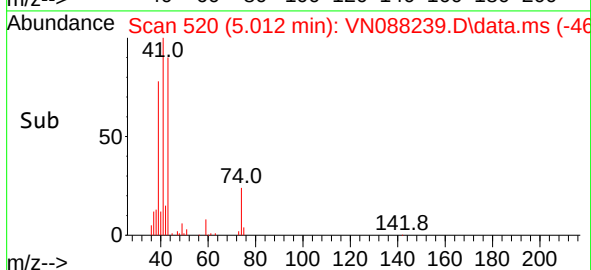
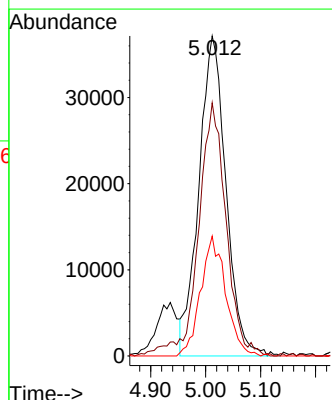
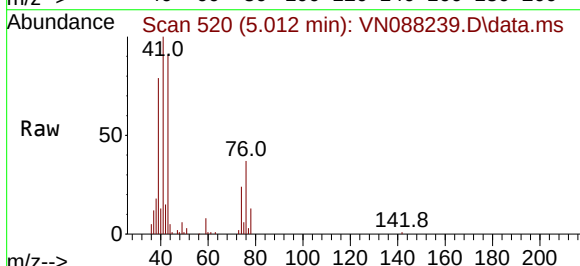
Tgt Ion: 41 Resp: 127443

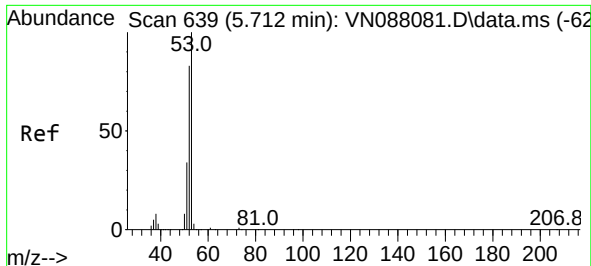
Ion Ratio Lower Upper

41 100

39 80.5 63.9 95.9

76 34.7 28.1 42.1

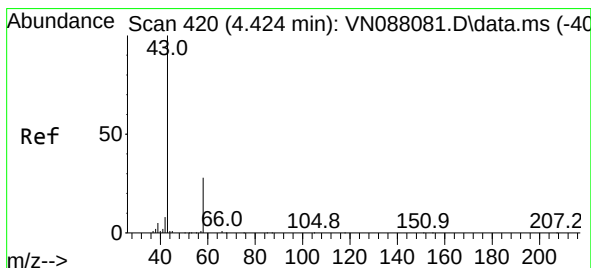
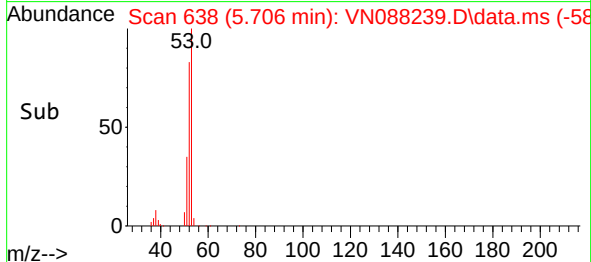
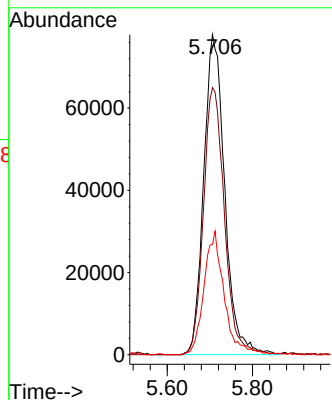
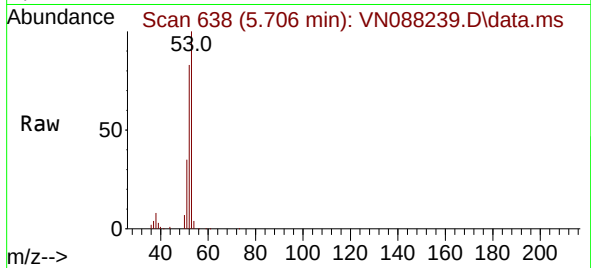




#15
Acrylonitrile
Concen: 114.793 ug/l
RT: 5.706 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

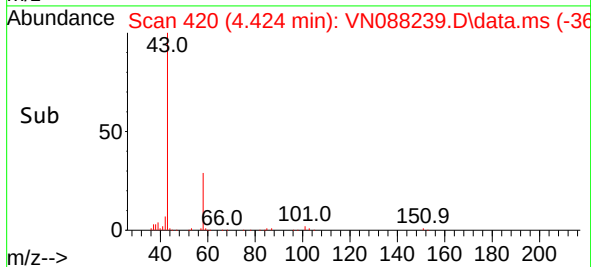
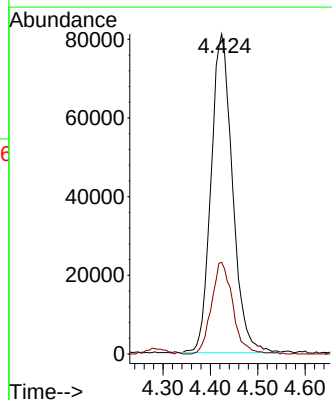
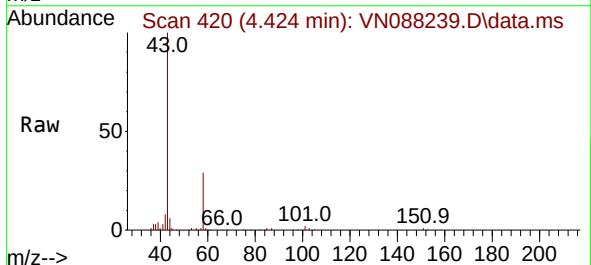
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

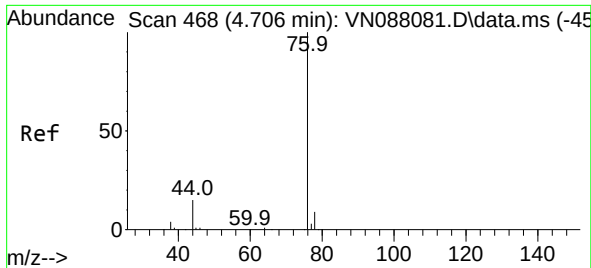
Tgt Ion: 53 Resp: 266578
Ion Ratio Lower Upper
53 100
52 83.1 67.6 101.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 102.744 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 43 Resp: 255432
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8

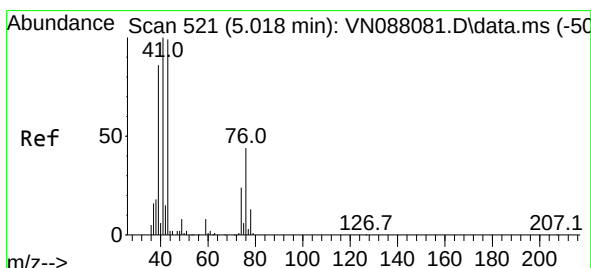
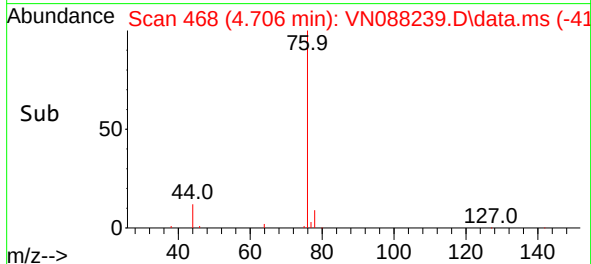
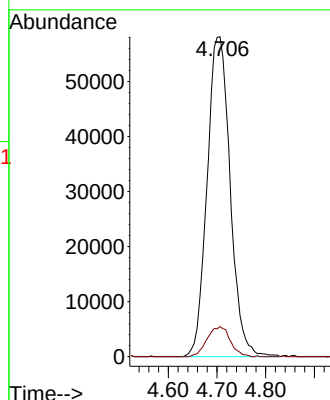
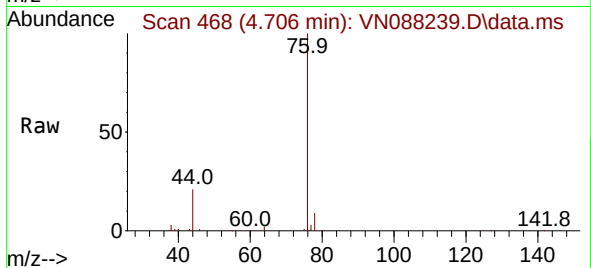




#17
Carbon Disulfide
Concen: 17.496 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

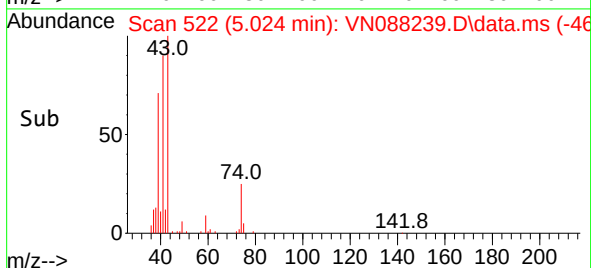
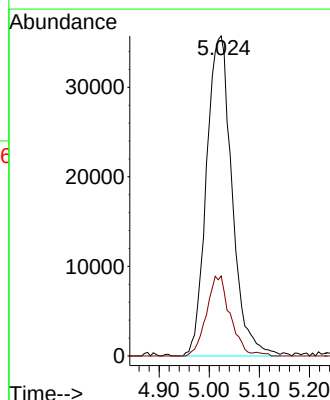
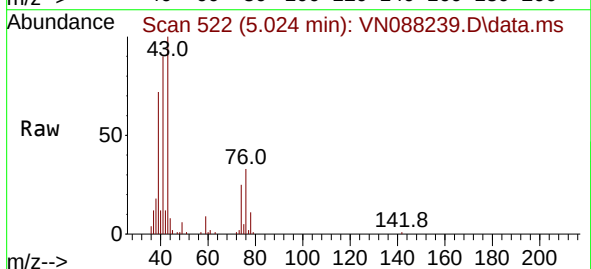
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

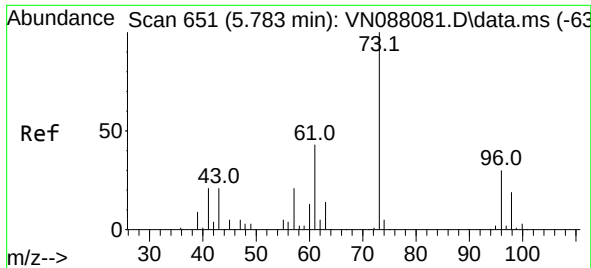
Tgt Ion: 76 Resp: 191306
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 24.889 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 43 Resp: 126675
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4

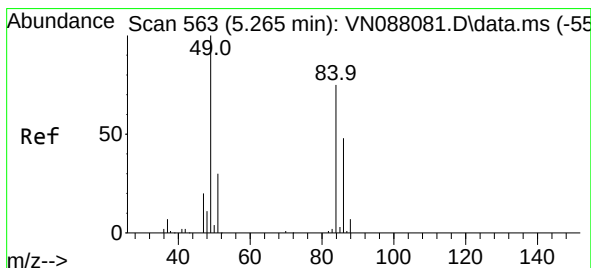
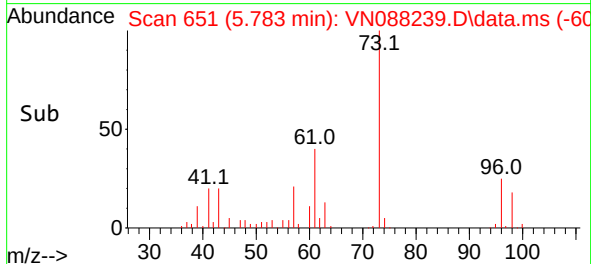
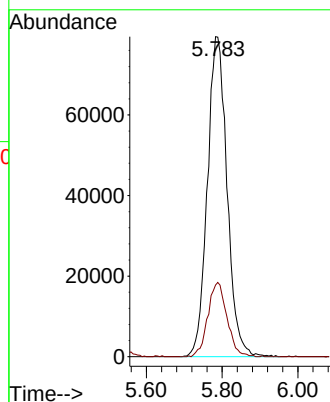
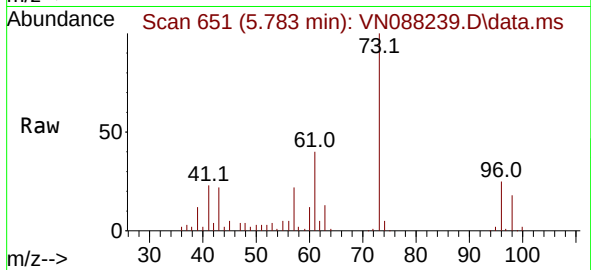




#19
Methyl tert-butyl Ether
Concen: 21.674 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

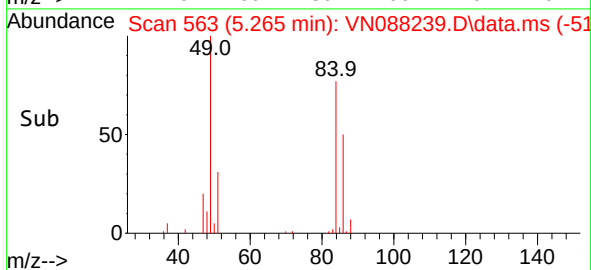
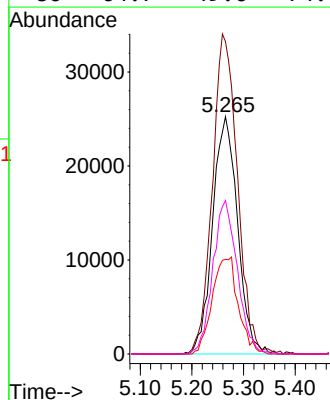
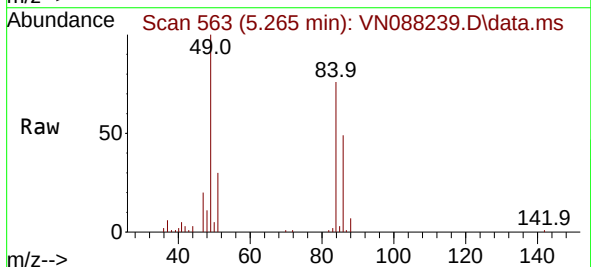
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

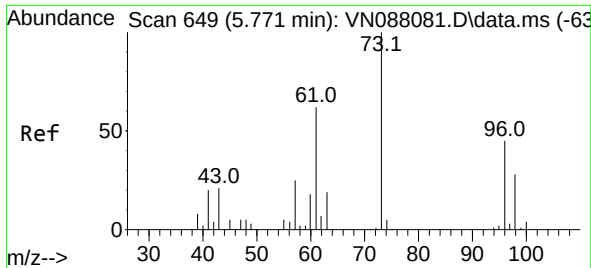
Tgt Ion: 73 Resp: 286298
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 20.296 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 84 Resp: 84700
Ion Ratio Lower Upper
84 100
49 131.7 103.4 155.2
51 39.8 33.8 50.8
86 64.7 49.6 74.4

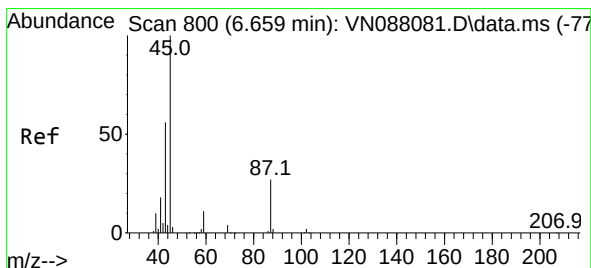
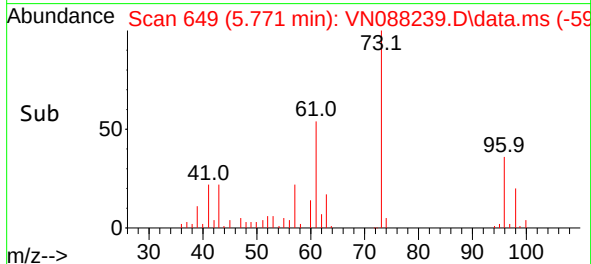
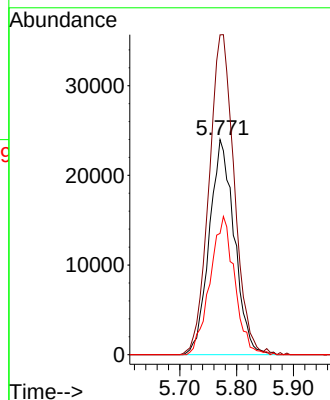
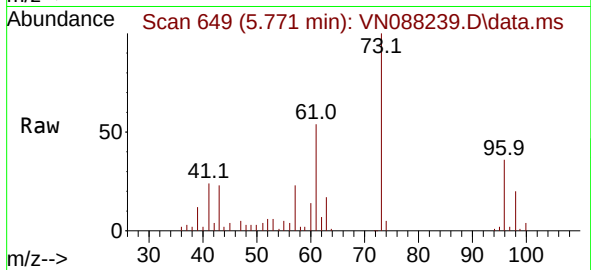




#21
trans-1,2-Dichloroethene
Concen: 18.598 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

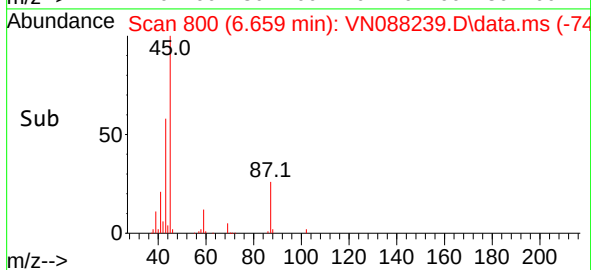
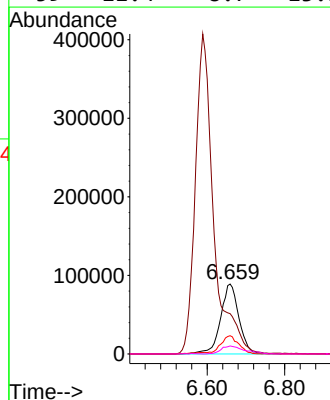
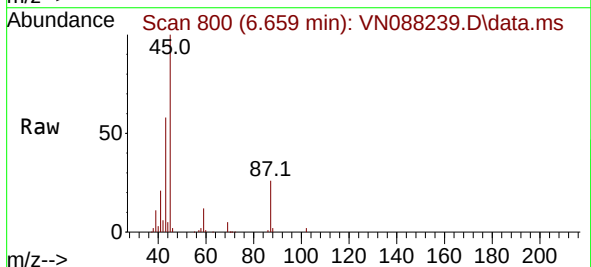
Instrument :
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ClientSampleId :
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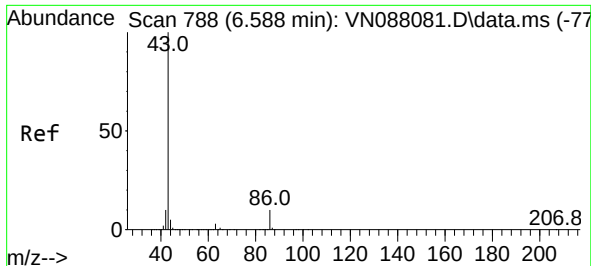
Tgt Ion: 96 Resp: 73428
Ion Ratio Lower Upper
96 100
61 148.7 118.0 177.0
98 56.4 50.0 75.0



#22
Diisopropyl ether
Concen: 22.055 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 45 Resp: 292427
Ion Ratio Lower Upper
45 100
43 56.5 47.7 71.5
87 26.0 21.4 32.0
59 11.4 8.7 13.1

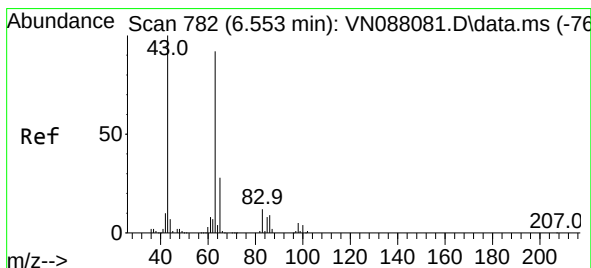
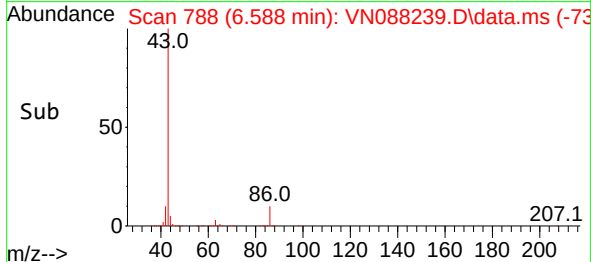
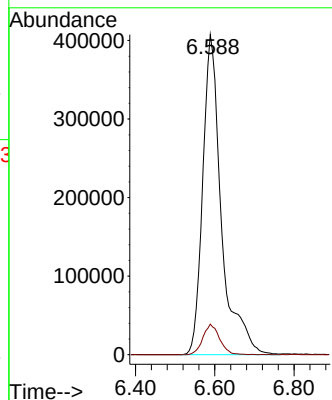
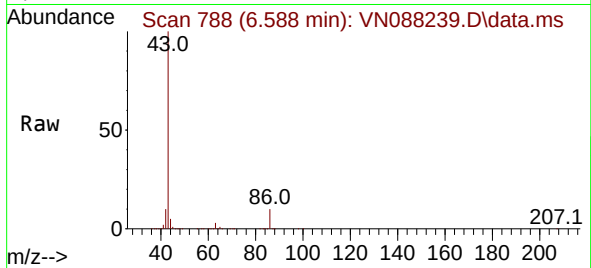




#23
 Vinyl Acetate
 Concen: 111.584 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

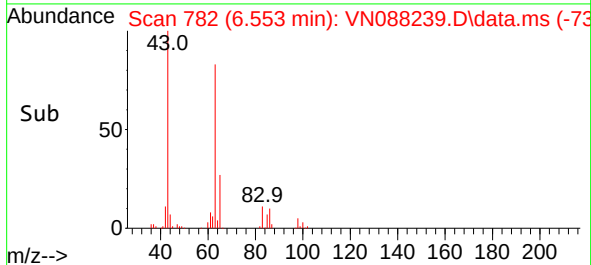
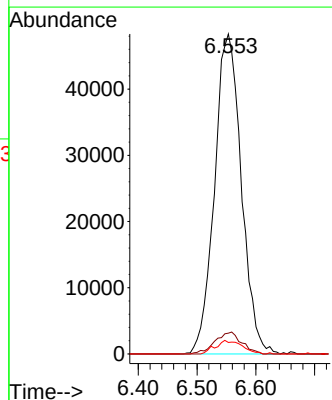
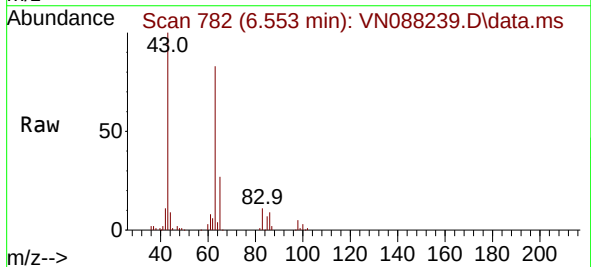
Instrument :
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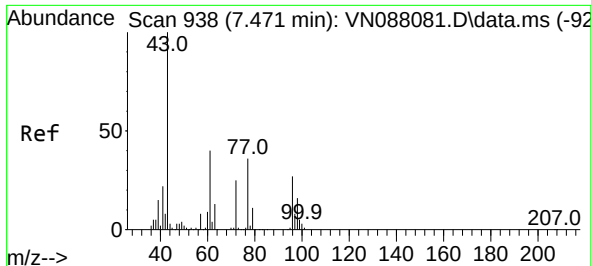
Tgt Ion: 43 Resp: 1332680
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 20.849 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion: 63 Resp: 153128
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 3.6 2.0 6.0

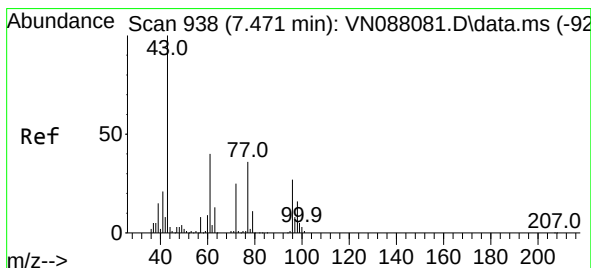
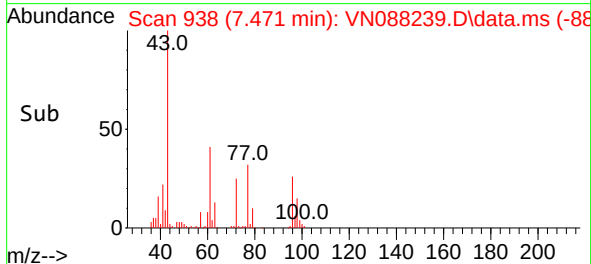
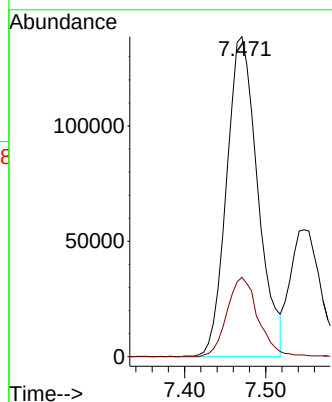
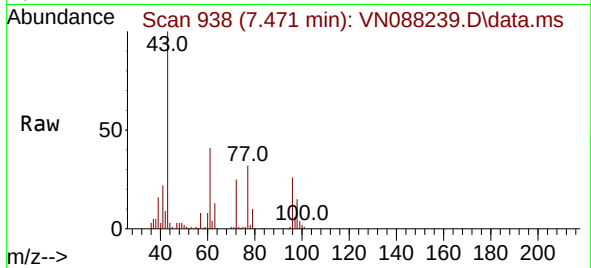




#25
2-Butanone
Concen: 113.146 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

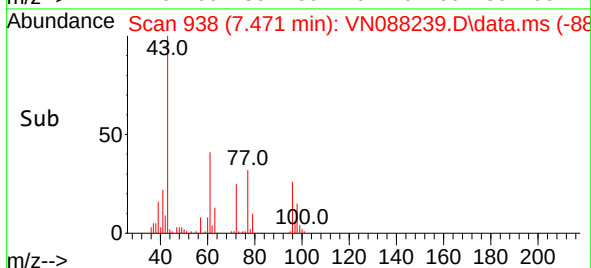
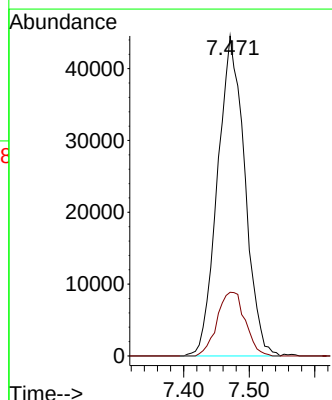
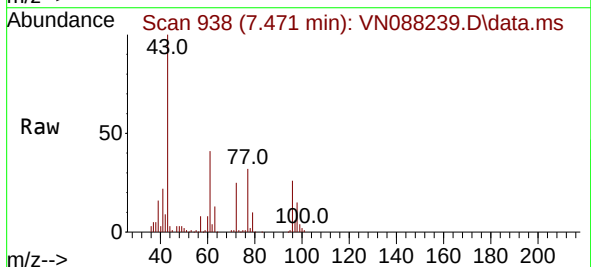
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

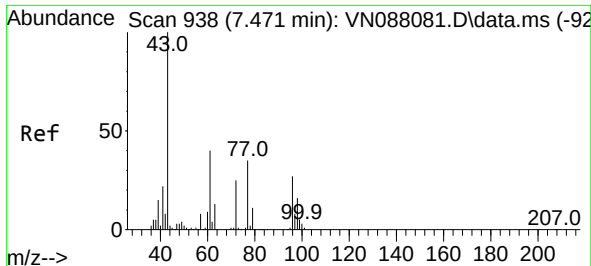
Tgt Ion: 43 Resp: 370702
Ion Ratio Lower Upper
43 100
72 24.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.234 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 77 Resp: 128373
Ion Ratio Lower Upper
77 100
97 20.5 10.9 32.7

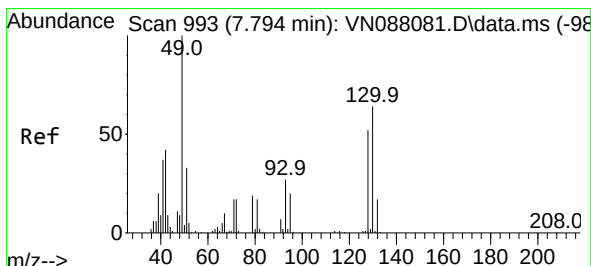
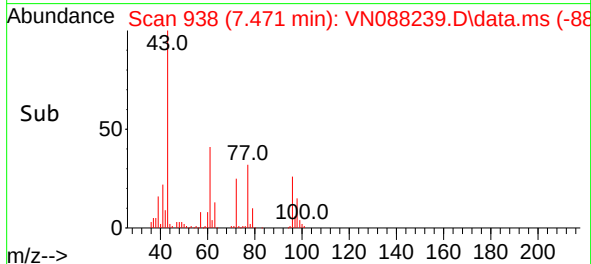
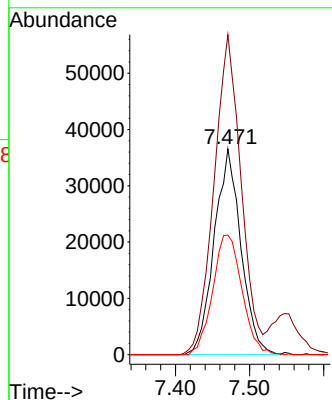
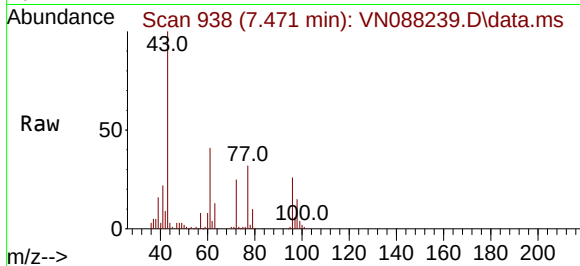




#27
 cis-1,2-Dichloroethene
 Concen: 20.169 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

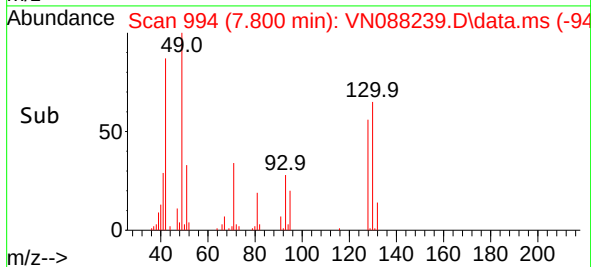
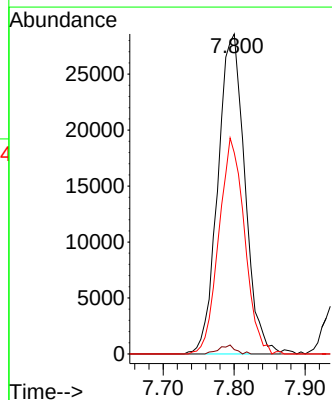
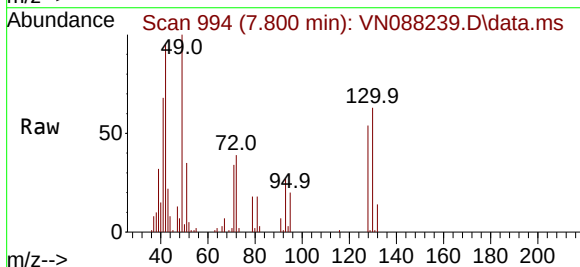
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBSD01

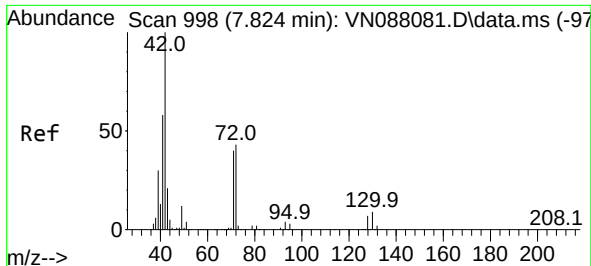
Tgt Ion: 96 Resp: 91672
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 301.8
 98 63.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 21.710 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion: 49 Resp: 75341
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 64.4 53.1 79.7





#29

Tetrahydrofuran

Concen: 112.574 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

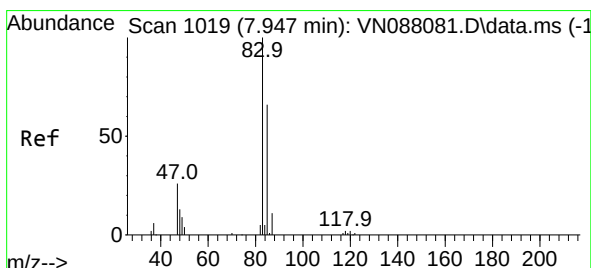
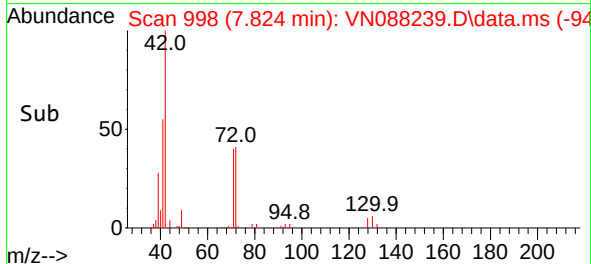
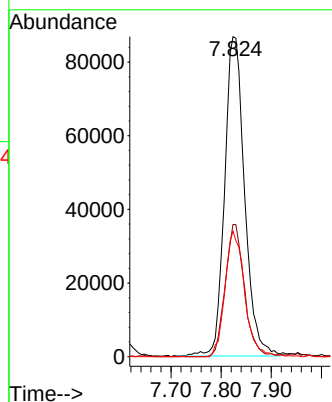
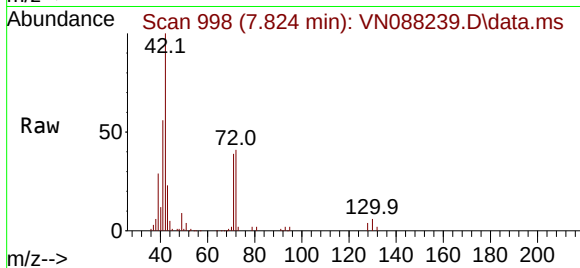
Tgt Ion: 42 Resp: 240366

Ion Ratio Lower Upper

42 100

72 39.7 33.7 50.5

71 38.6 31.9 47.9



#30

Chloroform

Concen: 21.277 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088239.D

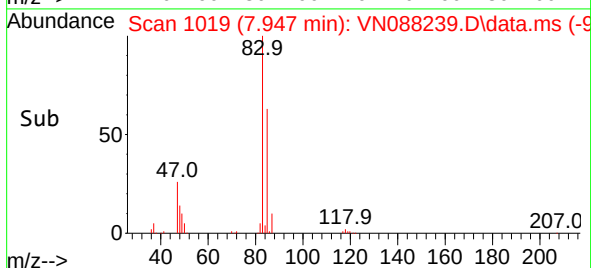
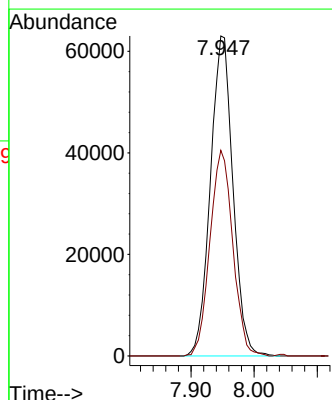
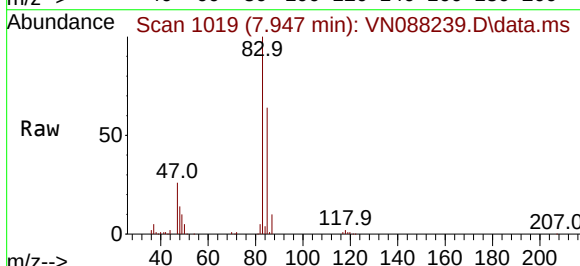
Acq: 10 Nov 2025 14:44

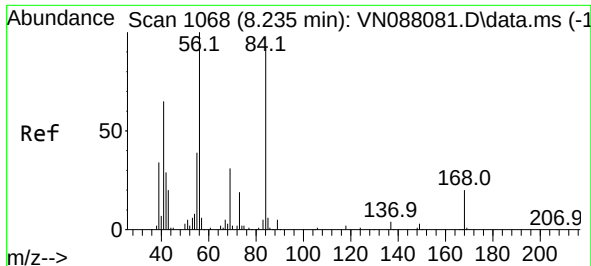
Tgt Ion: 83 Resp: 156117

Ion Ratio Lower Upper

83 100

85 64.3 50.7 76.1

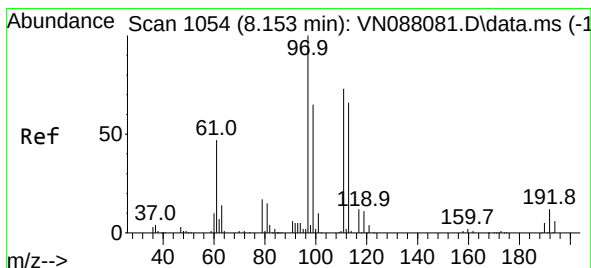
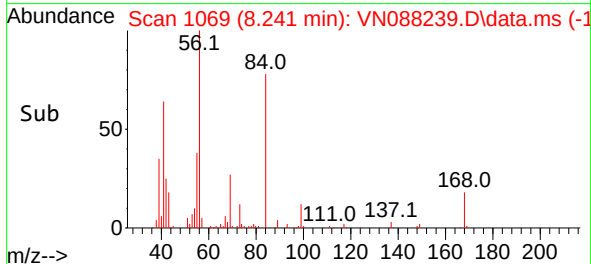
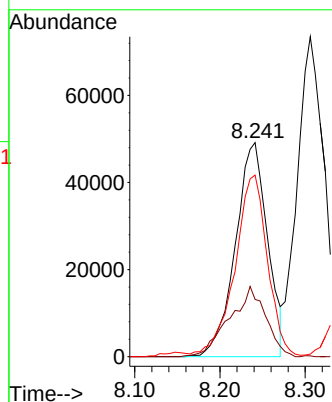
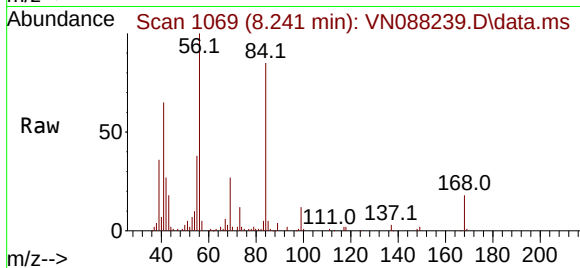




#31
Cyclohexane
Concen: 18.619 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

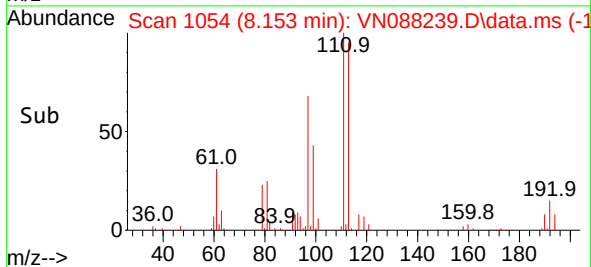
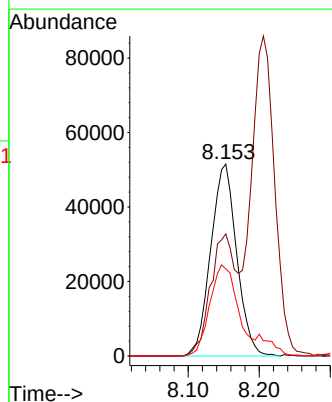
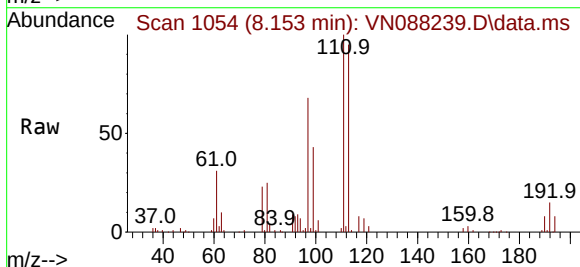
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

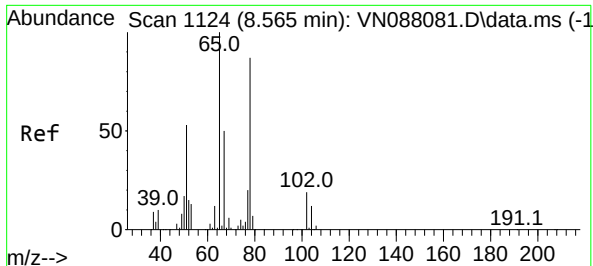
Tgt Ion: 56 Resp: 128971
Ion Ratio Lower Upper
56 100
69 26.3 23.7 35.5
84 83.0 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.991 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 97 Resp: 130641
Ion Ratio Lower Upper
97 100
99 61.3 52.2 78.2
61 51.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 54.939 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

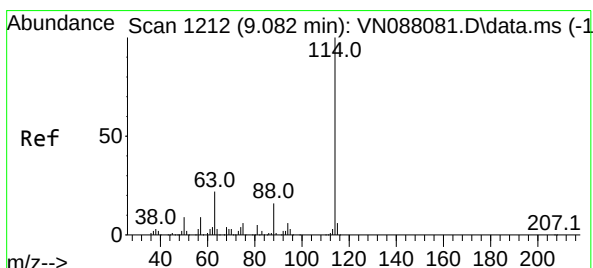
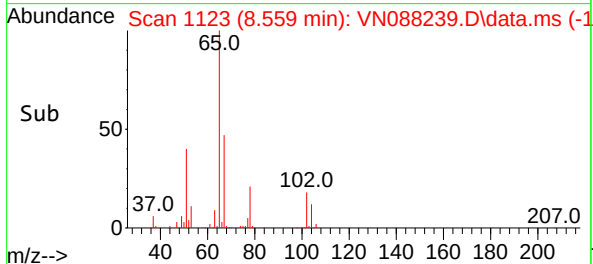
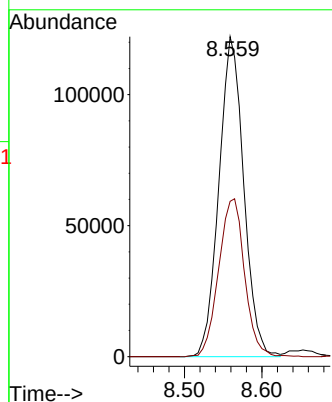
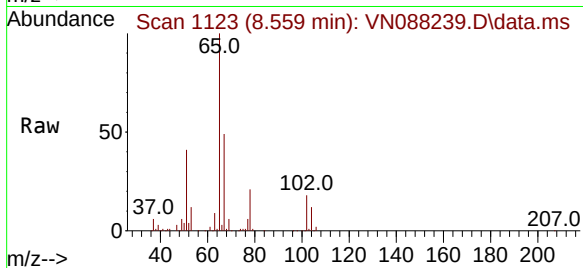
VN1110MBSD01

Tgt Ion: 65 Resp: 271871

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

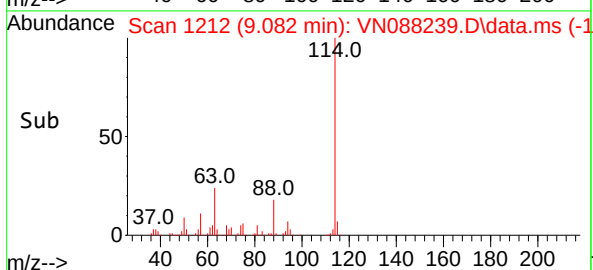
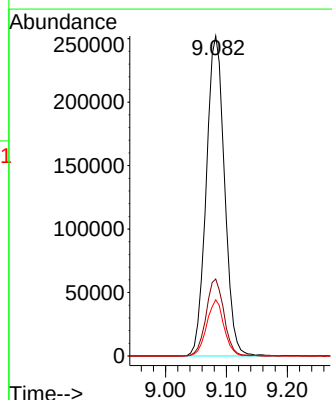
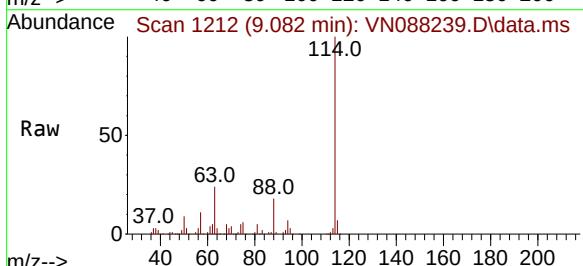
Tgt Ion: 114 Resp: 524957

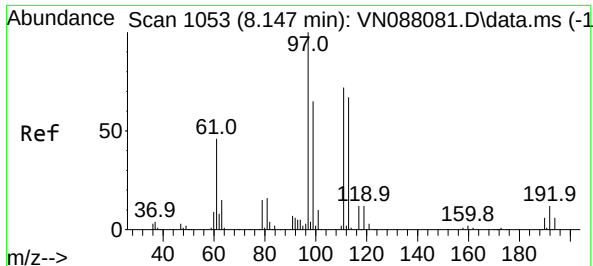
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

88 17.6 0.0 33.4

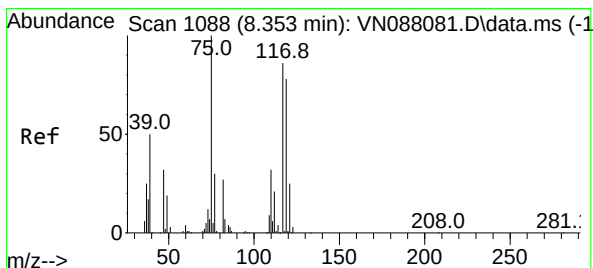
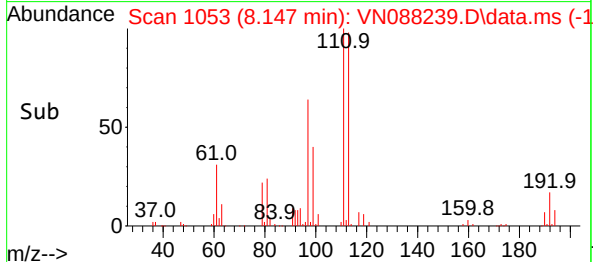
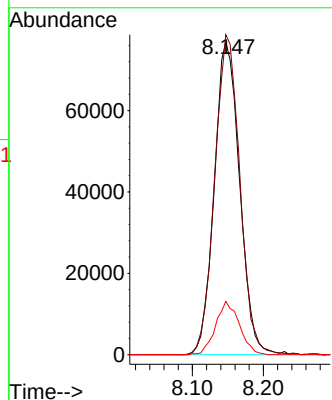
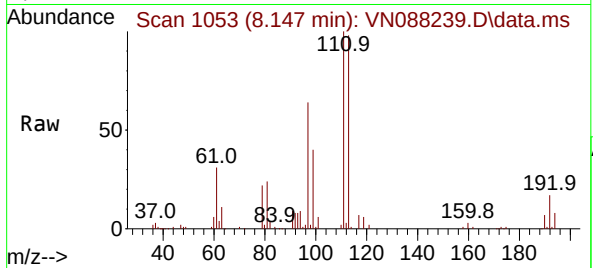




#35
Dibromofluoromethane
Concen: 53.860 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

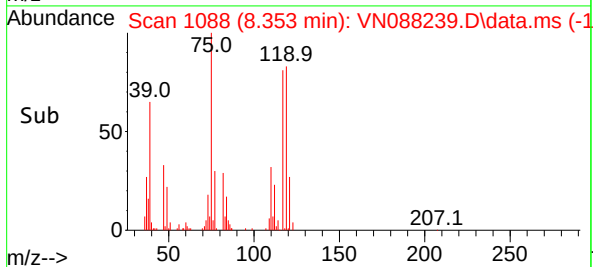
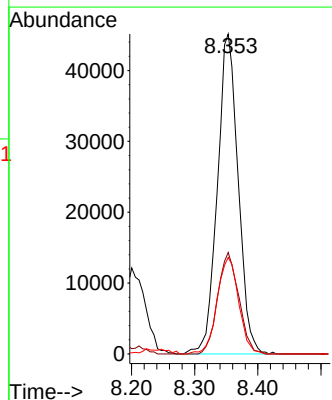
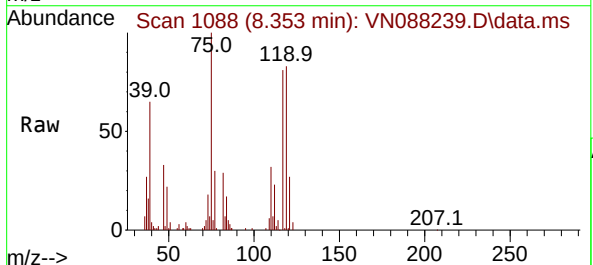
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

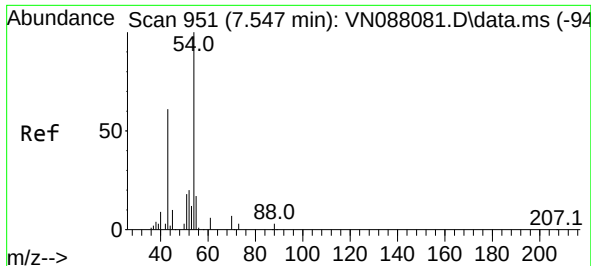
Tgt Ion:113 Resp: 189946
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 16.0 12.8 19.2



#36
1,1-Dichloropropene
Concen: 20.042 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 75 Resp: 103201
Ion Ratio Lower Upper
75 100
110 32.2 15.9 47.6
77 31.2 24.4 36.6

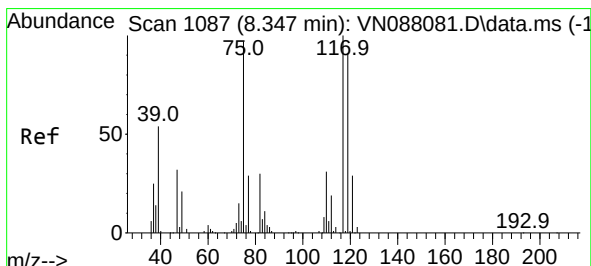
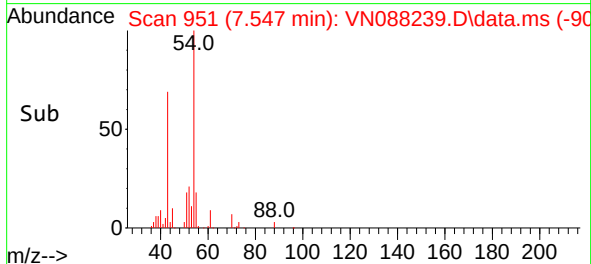
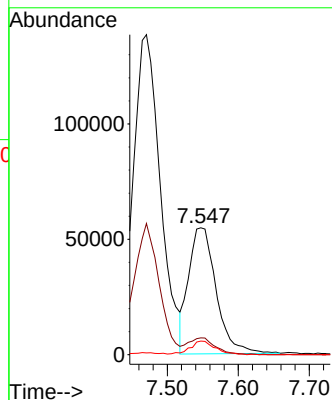
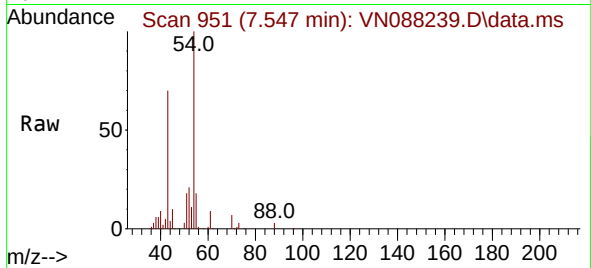




#37
Ethyl Acetate
Concen: 22.251 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

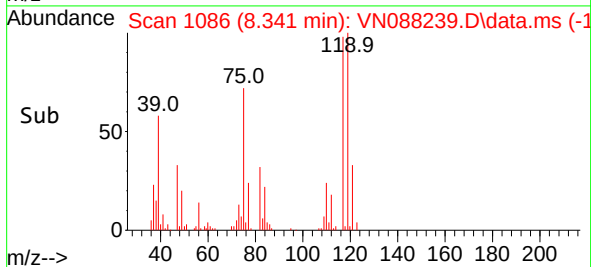
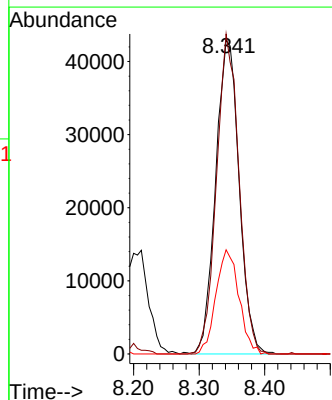
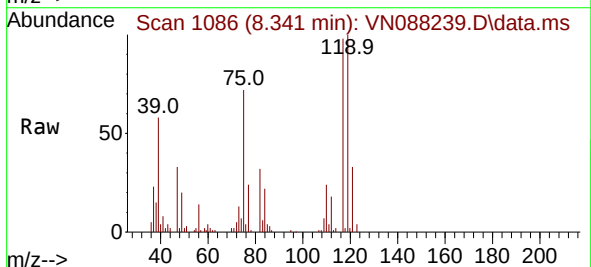
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

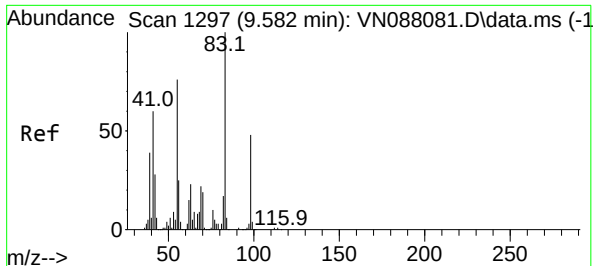
Tgt Ion: 43 Resp: 147864
Ion Ratio Lower Upper
43 100
61 13.4 9.3 13.9
70 10.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 20.063 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 117 Resp: 106706
Ion Ratio Lower Upper
117 100
119 102.0 79.0 118.6
121 33.2 25.0 37.6





#39

Methylcyclohexane

Concen: 17.594 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

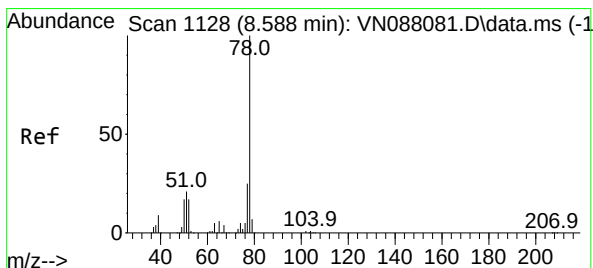
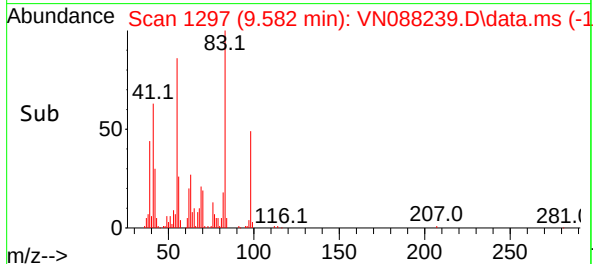
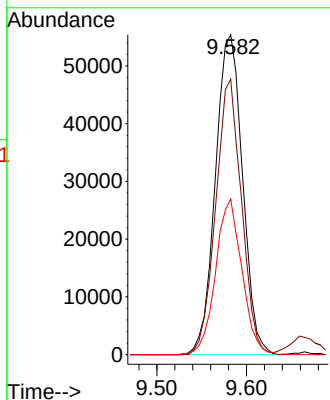
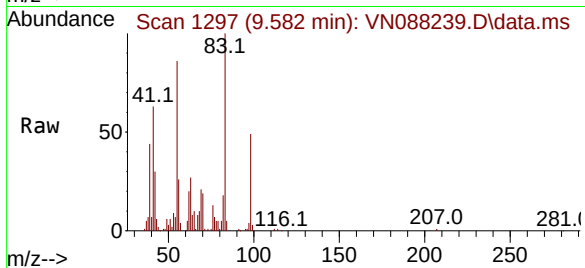
Tgt Ion: 83 Resp: 116451

Ion Ratio Lower Upper

83 100

55 86.2 64.6 96.8

98 48.7 38.4 57.6



#40

Benzene

Concen: 20.544 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088239.D

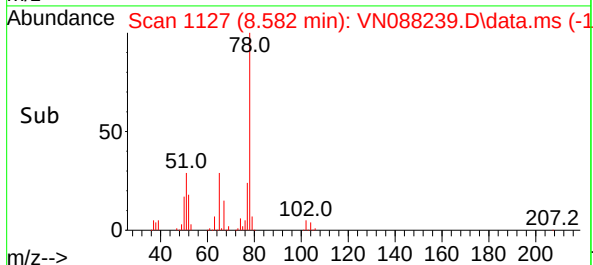
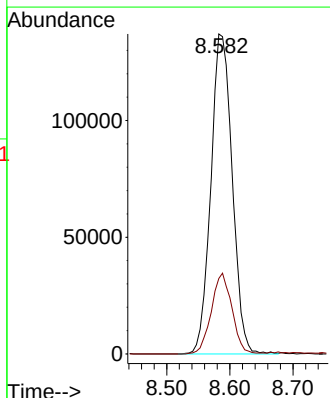
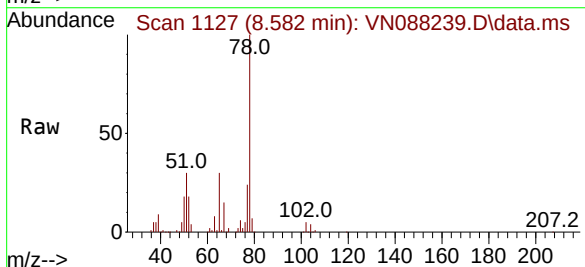
Acq: 10 Nov 2025 14:44

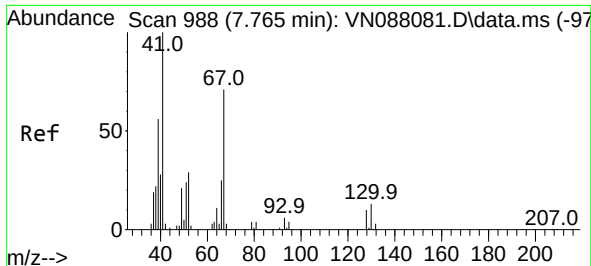
Tgt Ion: 78 Resp: 322180

Ion Ratio Lower Upper

78 100

77 23.6 19.7 29.5

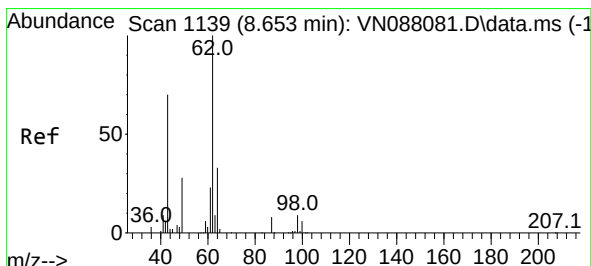
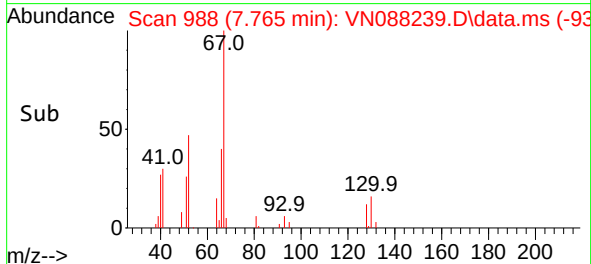
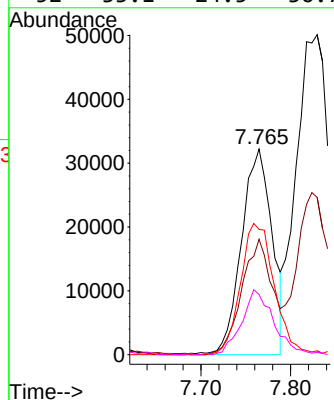
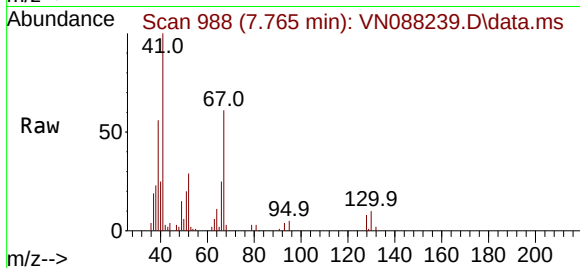




#41
Methacrylonitrile
Concen: 21.827 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

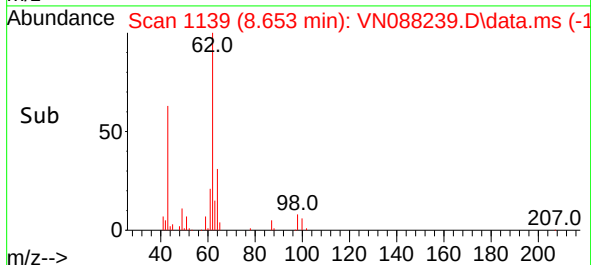
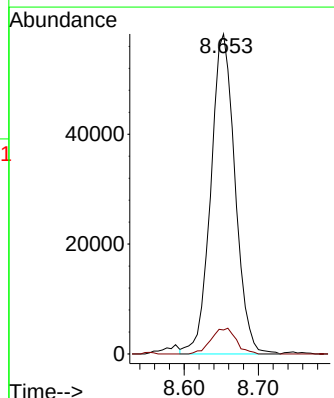
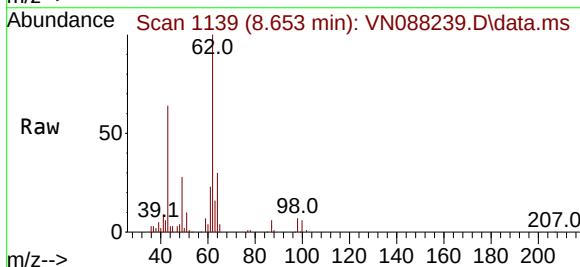
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

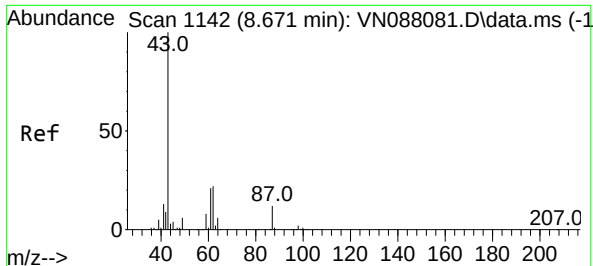
Tgt Ion:	41	Resp:	76338
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.0
67	70.7	55.3	82.9
52	33.1	24.5	36.7



#42
1,2-Dichloroethane
Concen: 23.763 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:	62	Resp:	132408
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

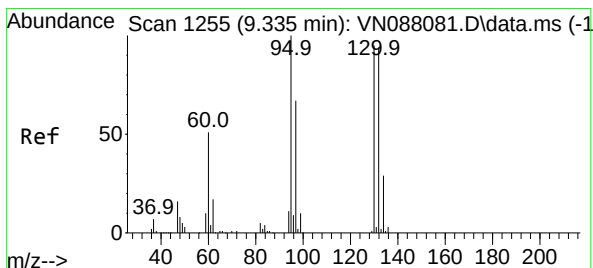
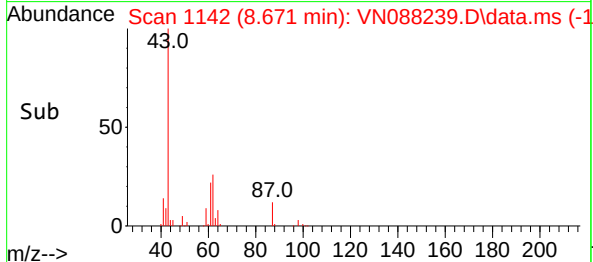
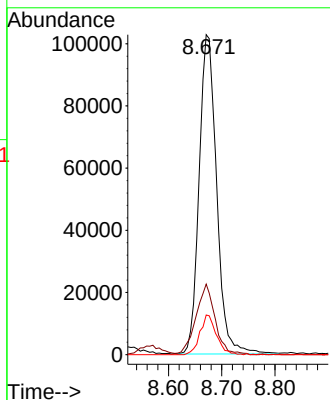
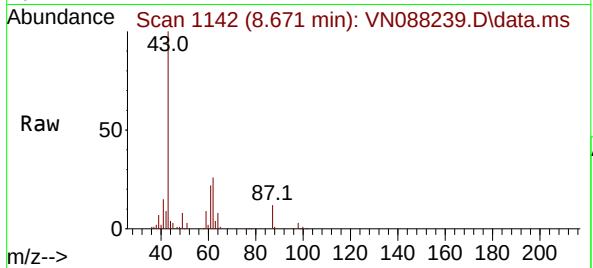




#43
Isopropyl Acetate
Concen: 23.053 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

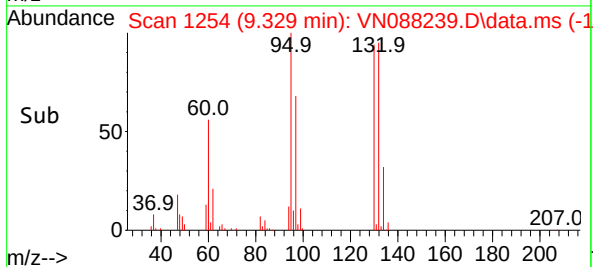
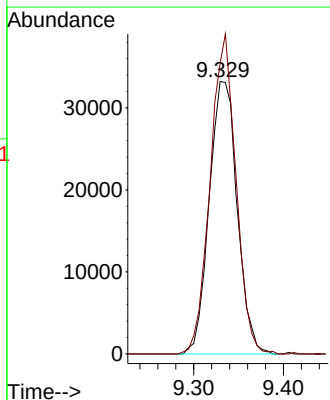
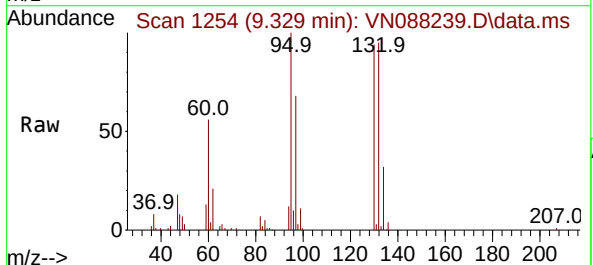
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

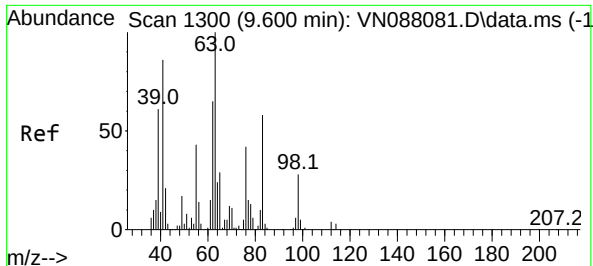
Tgt Ion: 43 Resp: 235397
Ion Ratio Lower Upper
43 100
61 24.1 18.8 28.2
87 11.6 9.6 14.4



#44
Trichloroethene
Concen: 19.598 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:130 Resp: 71838
Ion Ratio Lower Upper
130 100
95 106.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.299 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

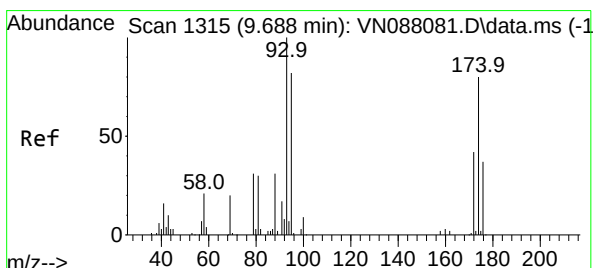
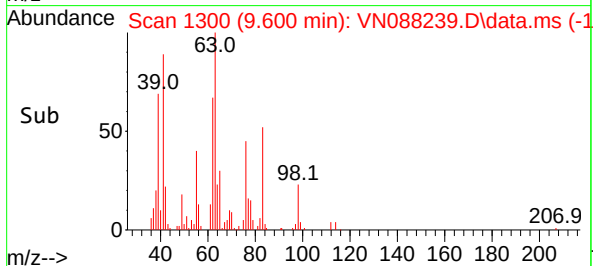
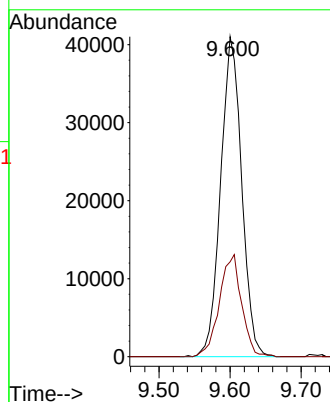
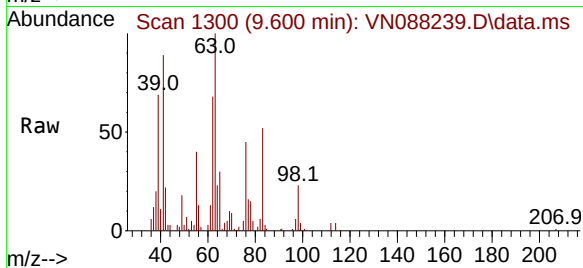
VN1110MBSD01

Tgt Ion: 63 Resp: 84327

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.4



#46

Dibromomethane

Concen: 22.973 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

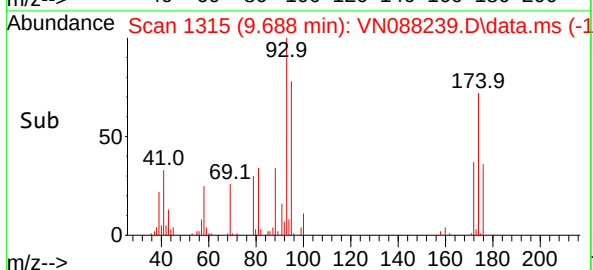
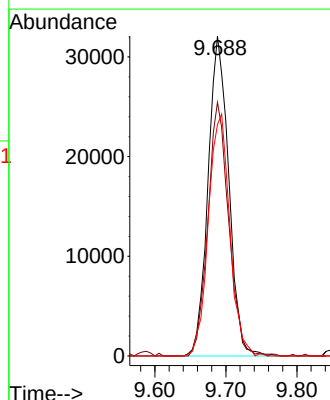
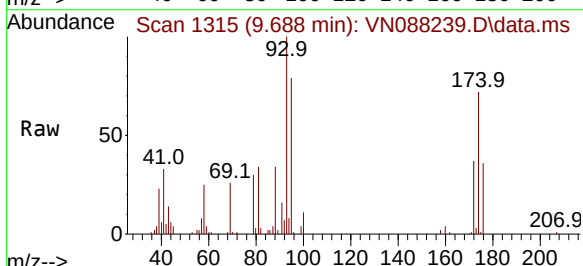
Tgt Ion: 93 Resp: 64867

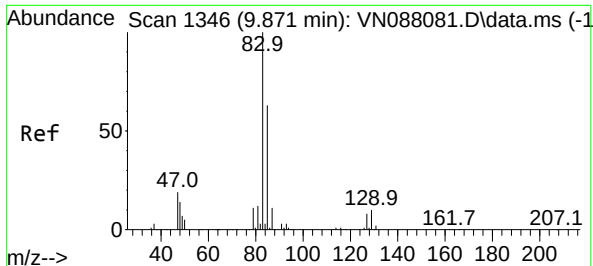
Ion Ratio Lower Upper

93 100

95 79.5 66.2 99.4

174 78.2 63.4 95.2

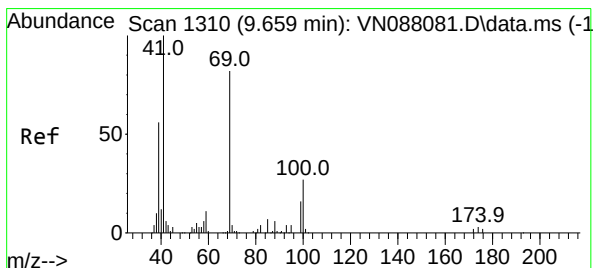
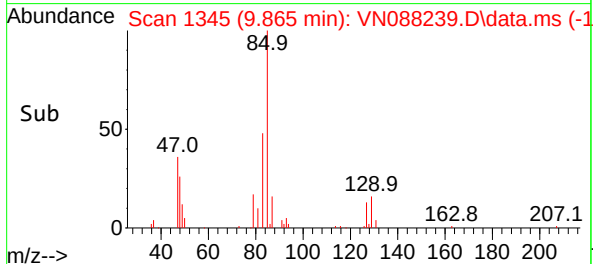
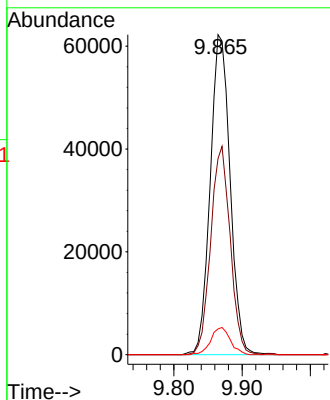
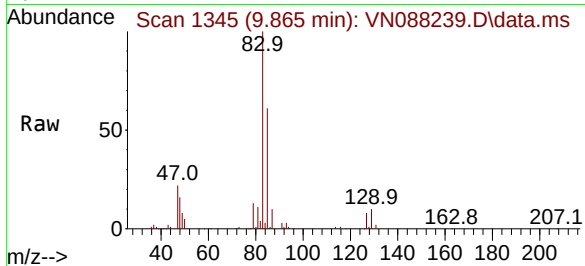




#47
Bromodichloromethane
Concen: 22.323 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

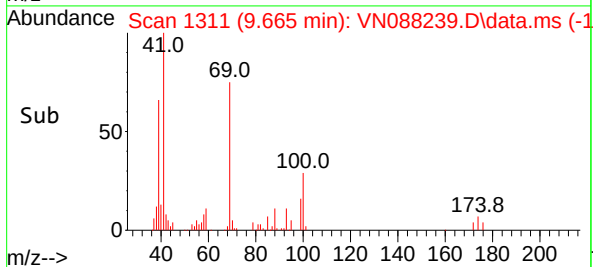
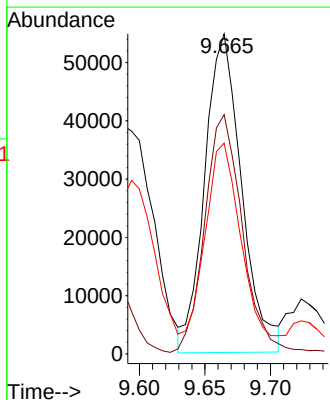
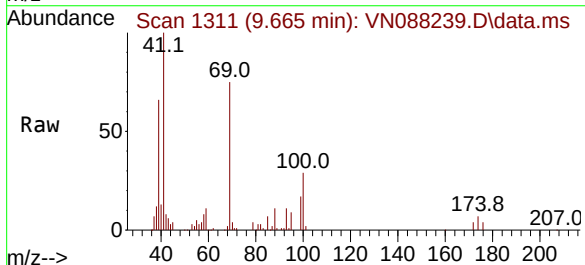
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

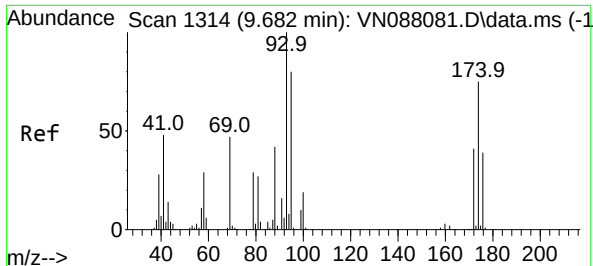
Tgt Ion: 83 Resp: 126199
Ion Ratio Lower Upper
83 100
85 61.3 52.5 78.7
127 8.0 5.8 8.6



#48
Methyl methacrylate
Concen: 22.715 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 41 Resp: 107083
Ion Ratio Lower Upper
41 100
69 78.1 62.7 94.1
39 66.6 52.9 79.3





#49

1,4-Dioxane

Concen: 509.523 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

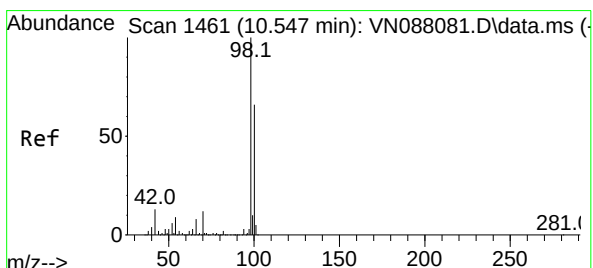
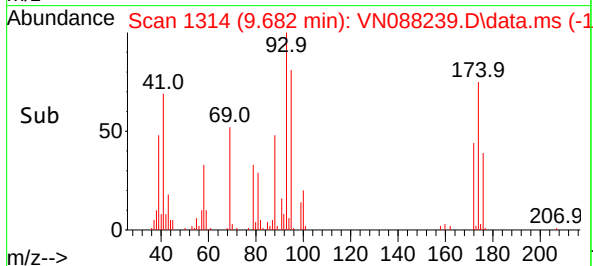
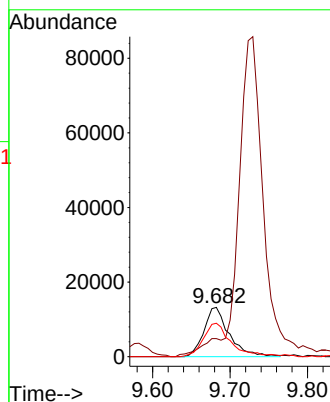
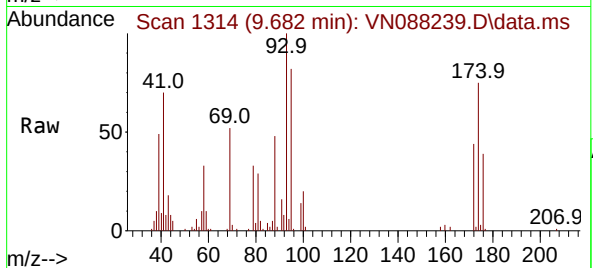
Tgt Ion: 88 Resp: 29875

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.1 57.9 86.9



#50

Toluene-d8

Concen: 50.048 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088239.D

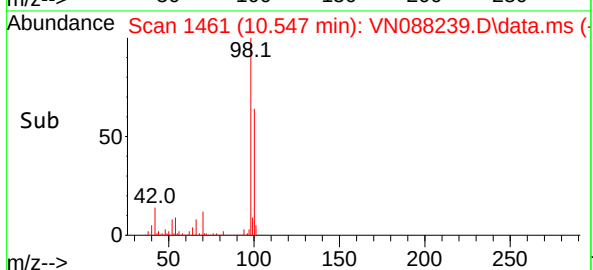
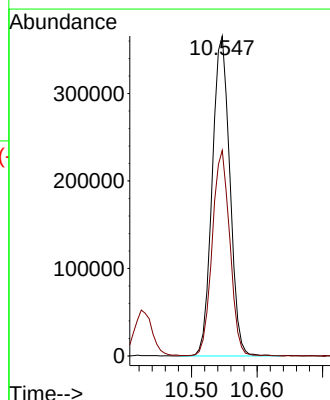
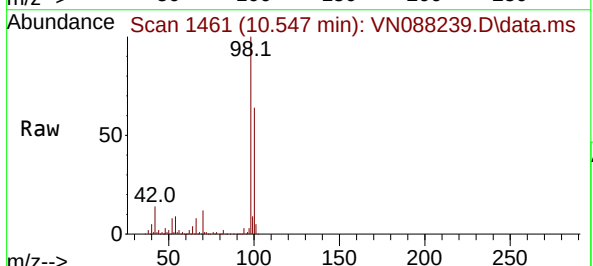
Acq: 10 Nov 2025 14:44

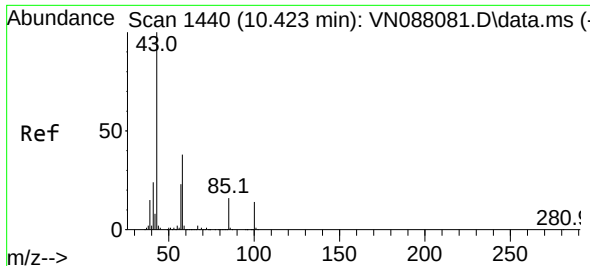
Tgt Ion: 98 Resp: 680100

Ion Ratio Lower Upper

98 100

100 64.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 118.258 ug/l

RT: 10.423 min Scan# 1440

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

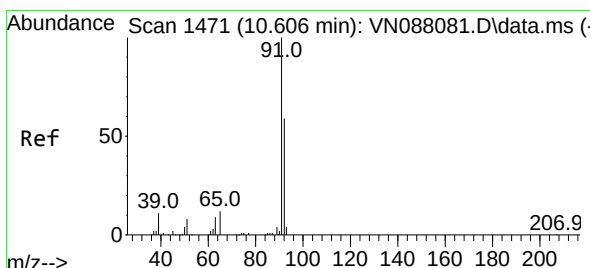
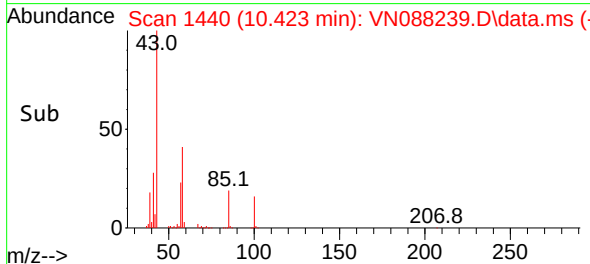
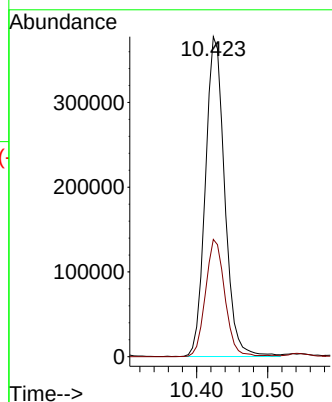
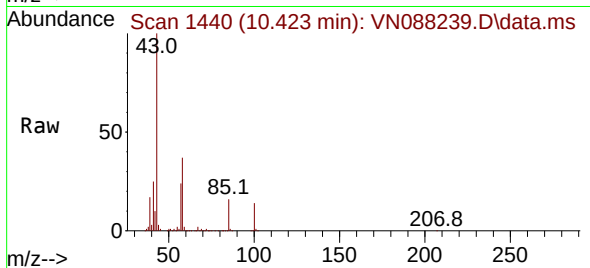
VN1110MBSD01

Tgt Ion: 43 Resp: 714367

Ion Ratio Lower Upper

43 100

58 36.7 29.6 44.4



#52

Toluene

Concen: 20.130 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VN088239.D

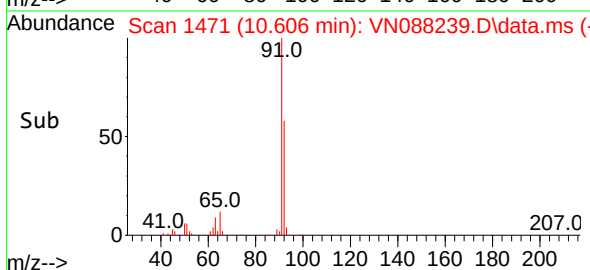
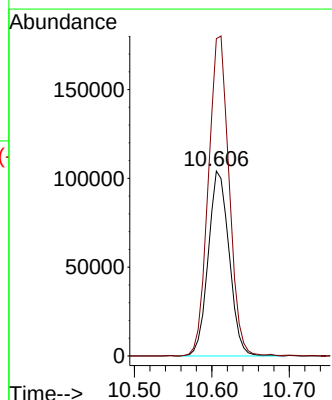
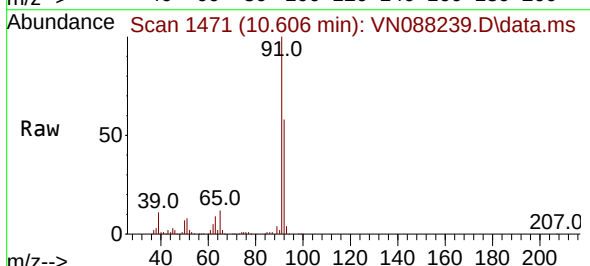
Acq: 10 Nov 2025 14:44

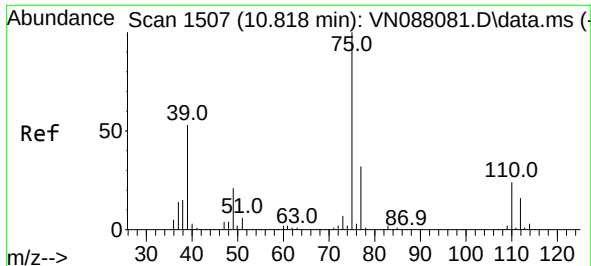
Tgt Ion: 92 Resp: 194635

Ion Ratio Lower Upper

92 100

91 172.2 140.4 210.6

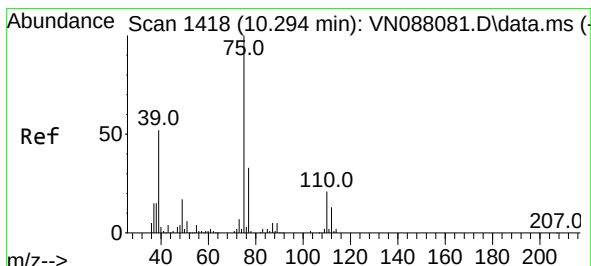
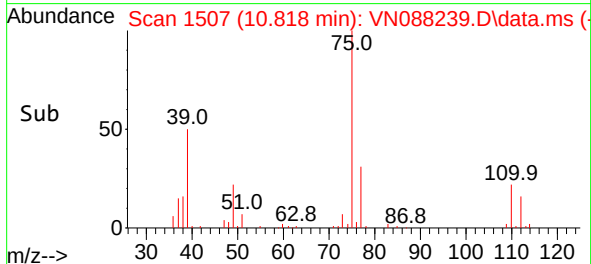
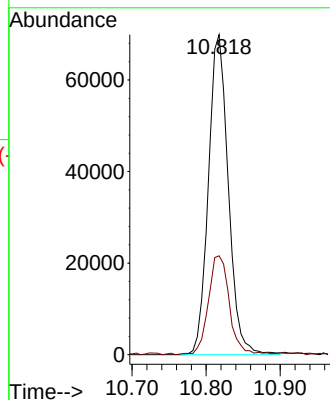
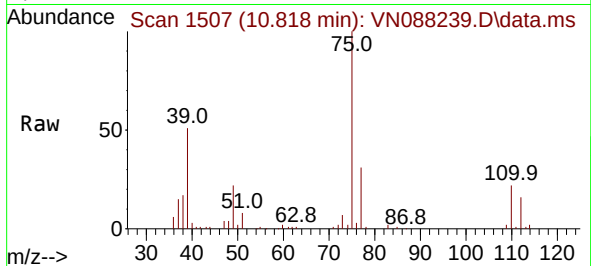




#53
 t-1,3-Dichloropropene
 Concen: 21.693 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

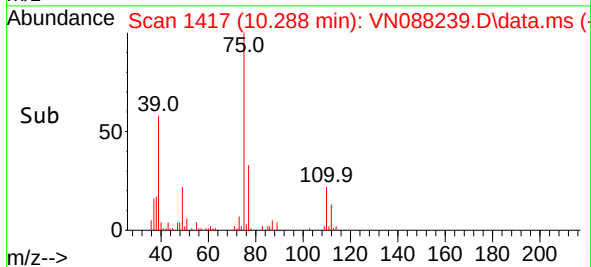
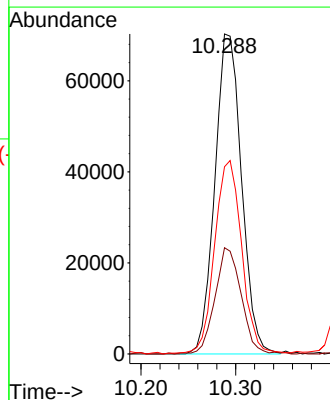
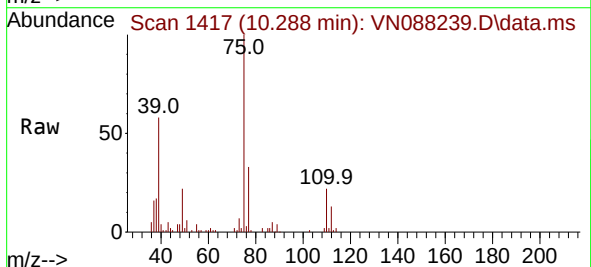
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBSD01

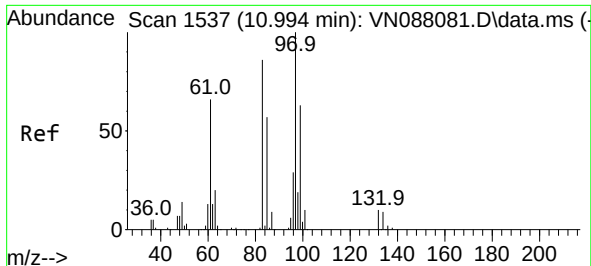
Tgt Ion: 75 Resp: 130523
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.562 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion: 75 Resp: 137666
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 37.0
 39 58.2 45.2 67.8

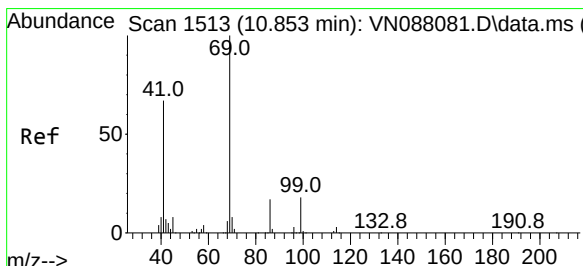
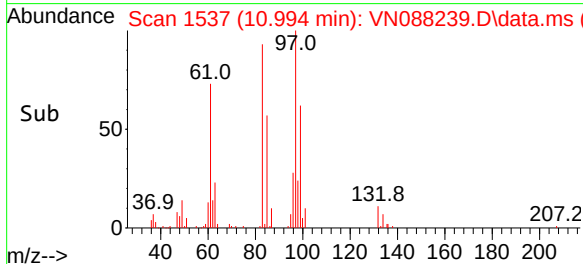
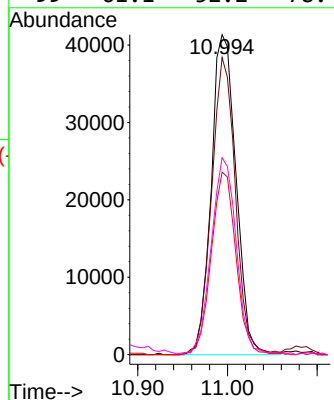
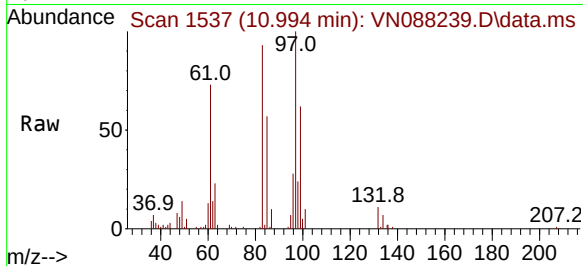




#55
1,1,2-Trichloroethane
Concen: 21.627 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

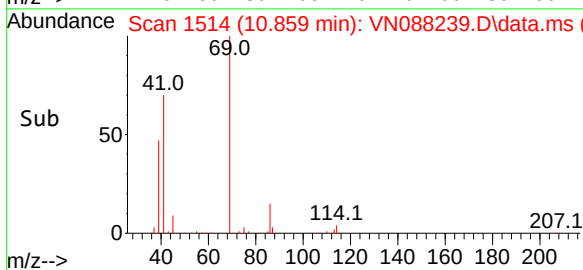
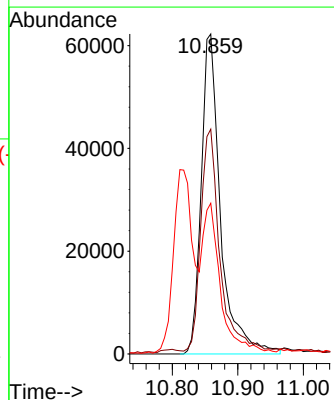
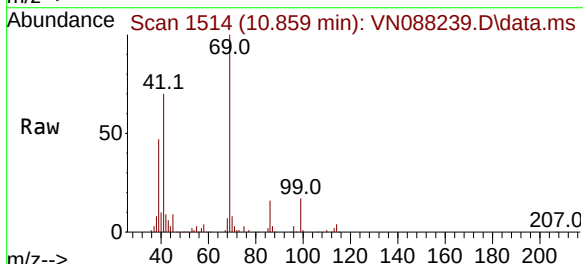
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

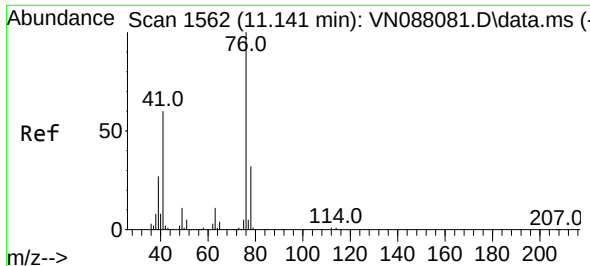
Tgt Ion:	97	Resp:	79332
Ion	Ratio	Lower	Upper
97	100		
83	92.8	68.2	102.4
85	57.1	45.5	68.3
99	61.1	52.2	78.4



#56
Ethyl methacrylate
Concen: 22.009 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:	69	Resp:	127759
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.5	84.7
39	41.8	34.2	51.4





#57

1,3-Dichloropropane

Concen: 21.963 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

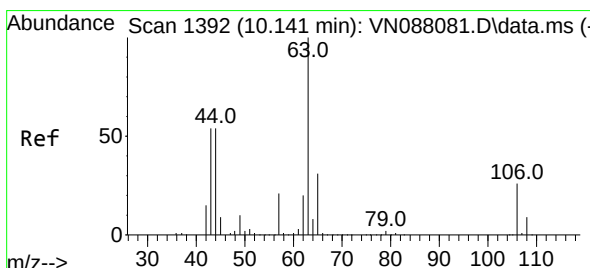
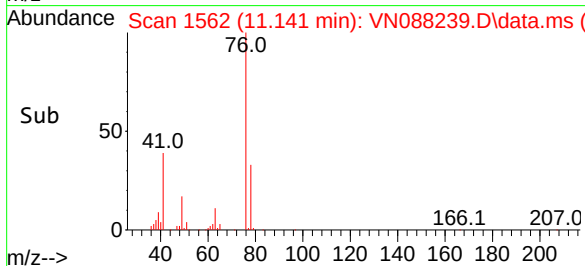
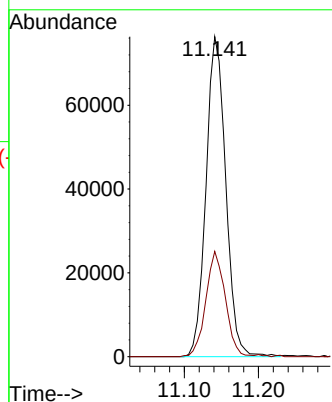
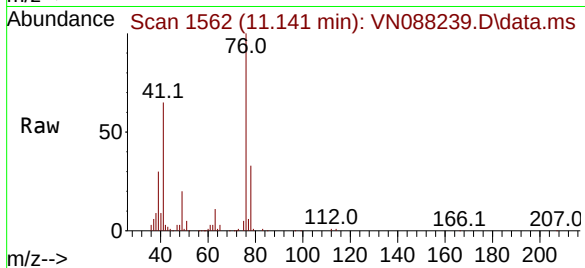
VN1110MBSD01

Tgt Ion: 76 Resp: 141607

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.145 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088239.D

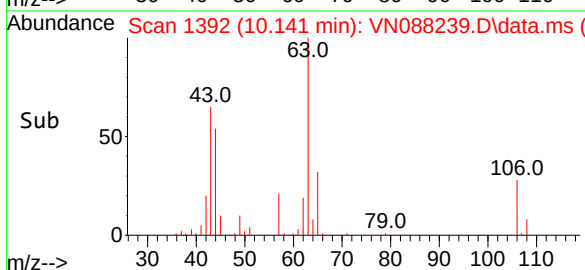
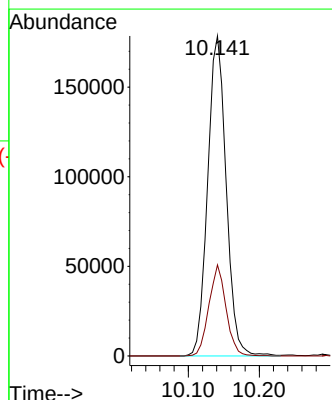
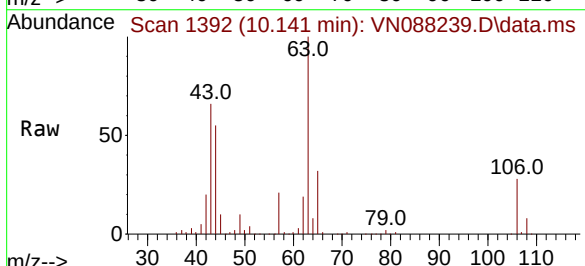
Acq: 10 Nov 2025 14:44

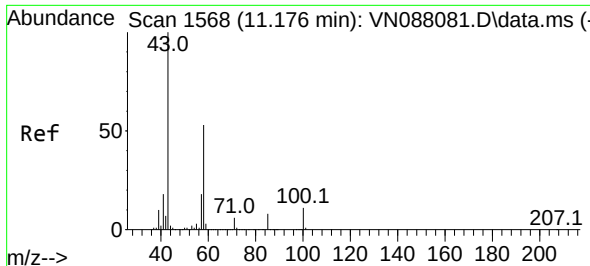
Tgt Ion: 63 Resp: 323523

Ion Ratio Lower Upper

63 100

106 26.3 21.1 31.7

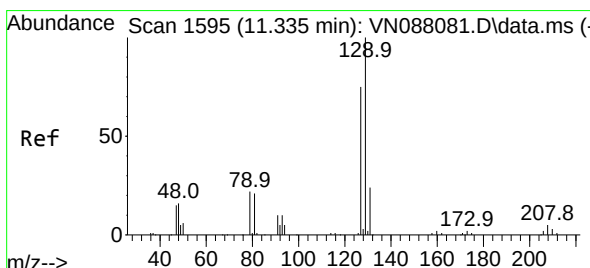
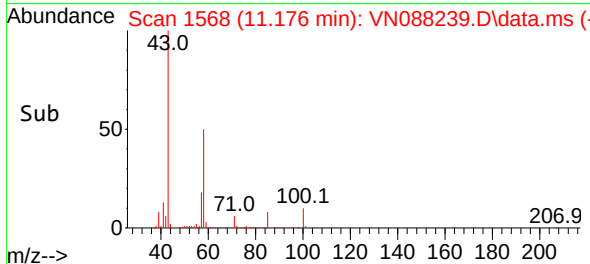
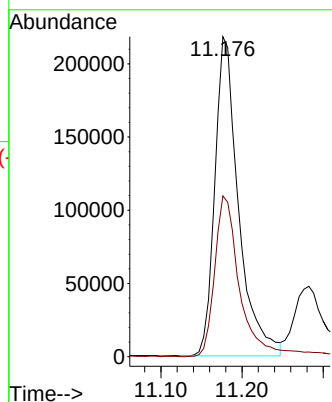
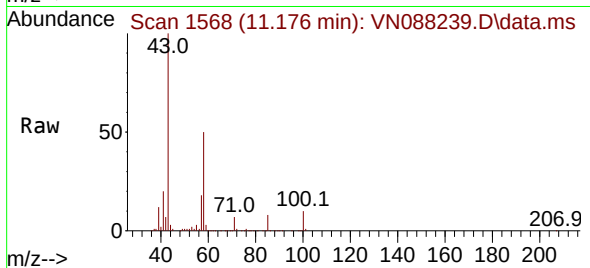




#59
2-Hexanone
Concen: 110.425 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

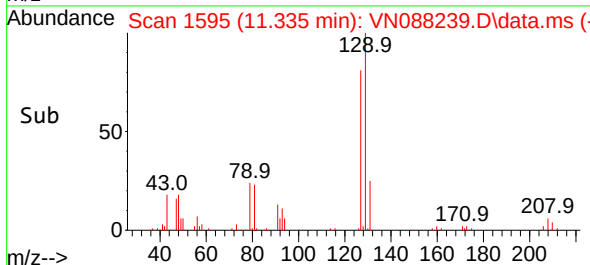
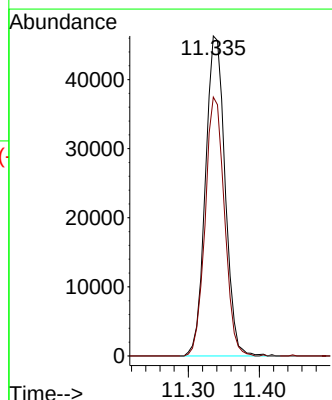
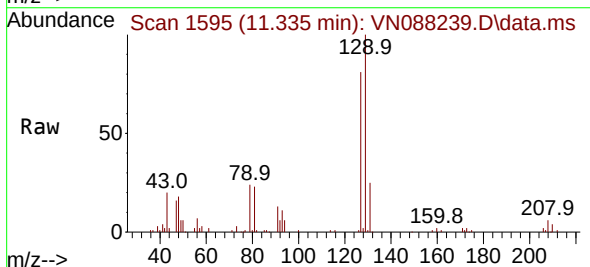
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

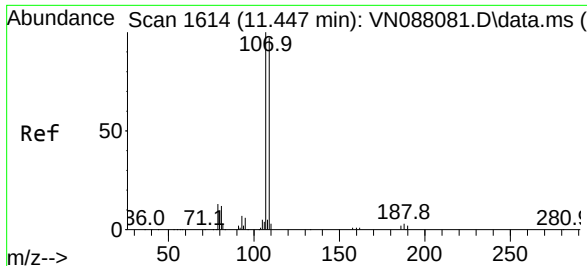
Tgt Ion: 43 Resp: 442503
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8



#60
Dibromochloromethane
Concen: 21.349 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 129 Resp: 89010
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.3

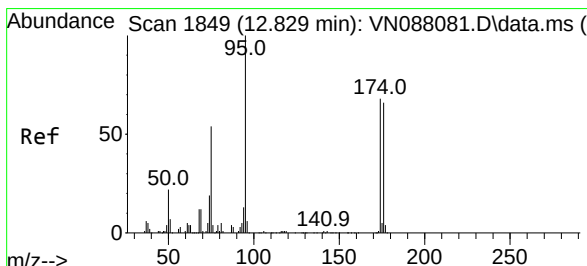
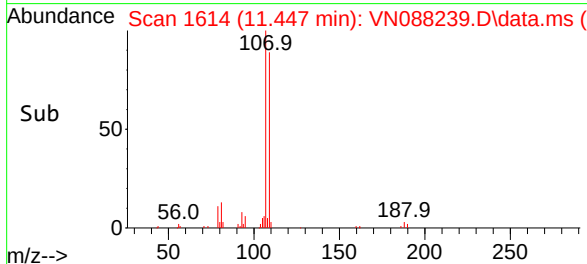
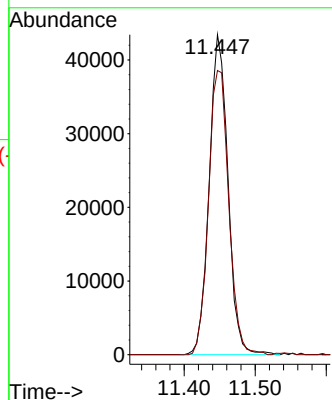
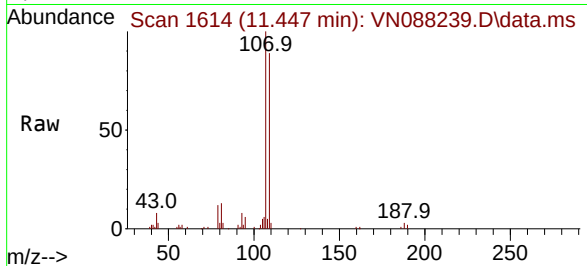




#61
1,2-Dibromoethane
Concen: 21.104 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

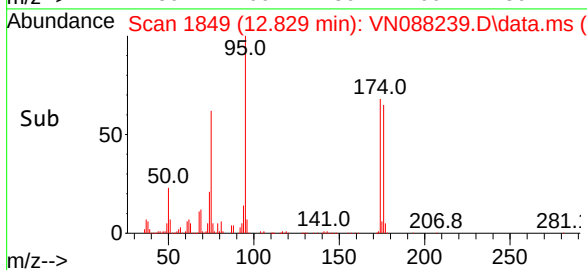
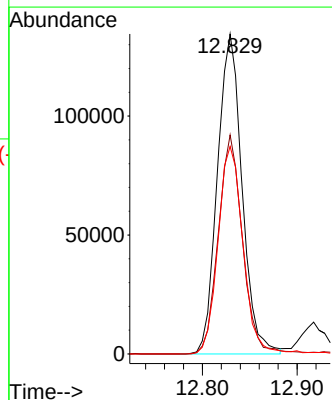
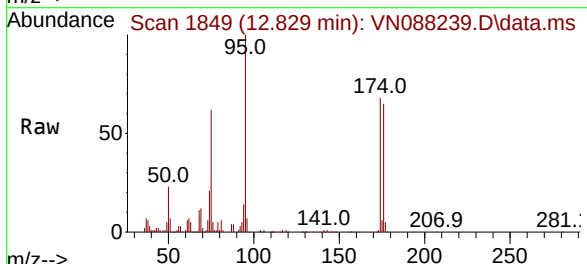
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

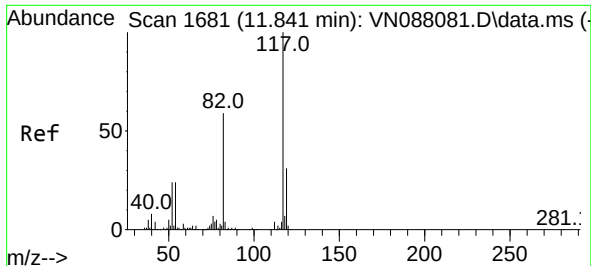
Tgt Ion:107 Resp: 79672
Ion Ratio Lower Upper
107 100
109 95.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.777 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 95 Resp: 243684
Ion Ratio Lower Upper
95 100
174 67.1 0.0 138.4
176 65.8 0.0 132.6

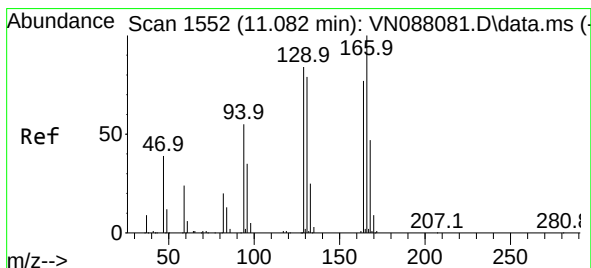
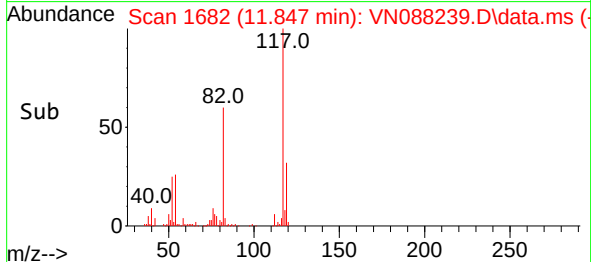
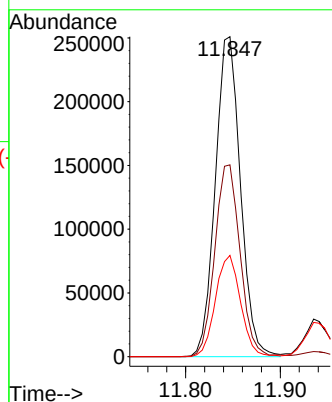
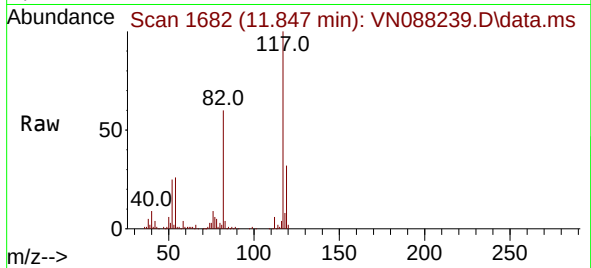




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

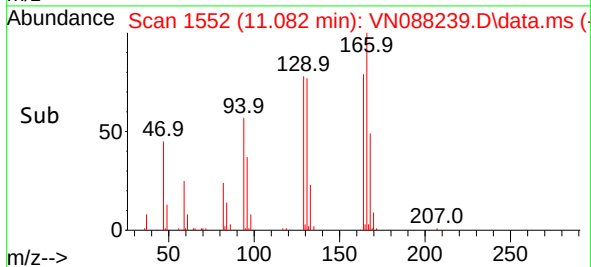
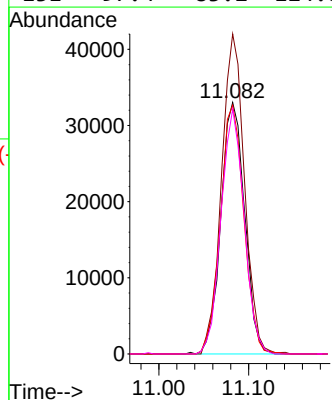
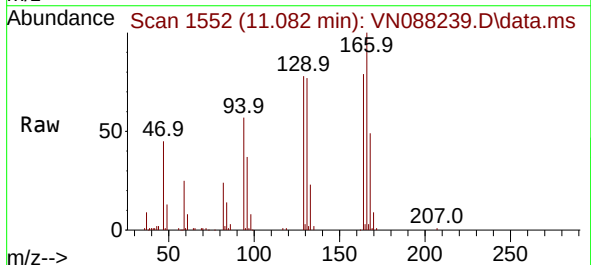
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBS01

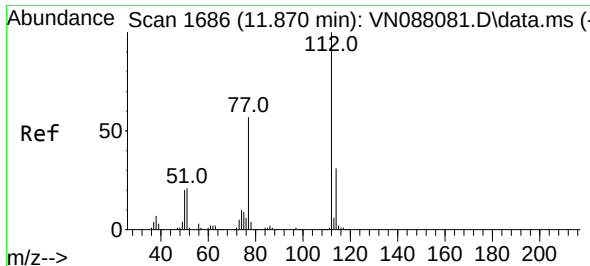
Tgt Ion:117 Resp: 463912
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.7 24.3 36.5



#64
Tetrachloroethene
Concen: 19.823 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:164 Resp: 60660
Ion Ratio Lower Upper
164 100
166 127.3 97.7 146.5
129 98.9 85.9 128.9
131 97.4 83.2 124.8

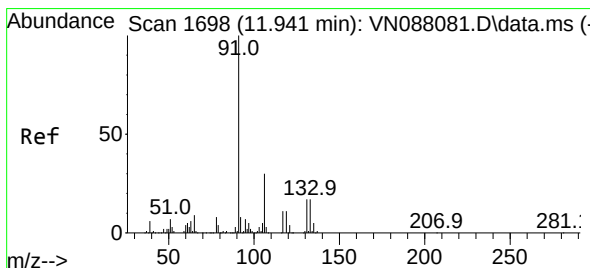
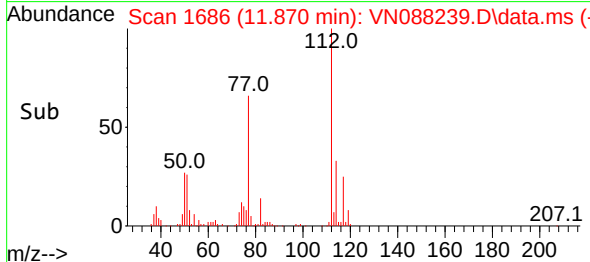
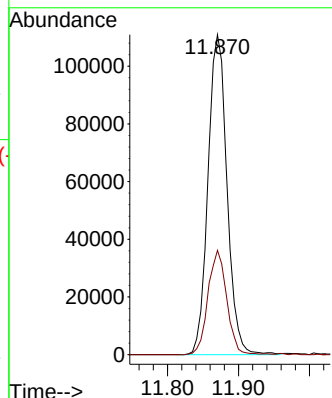
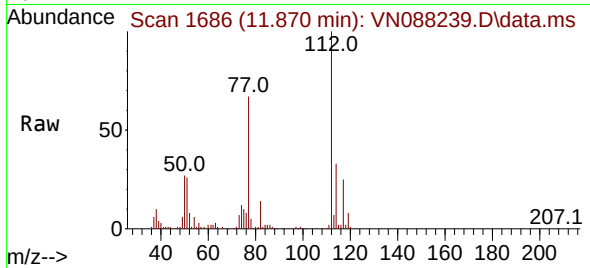




#65
Chlorobenzene
Concen: 19.610 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

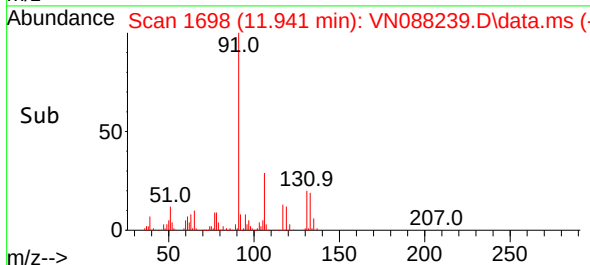
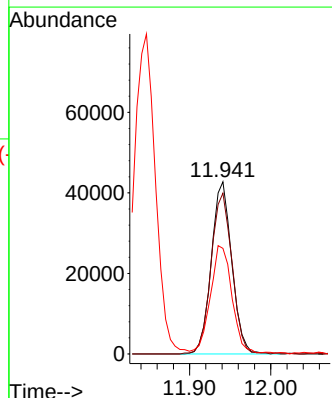
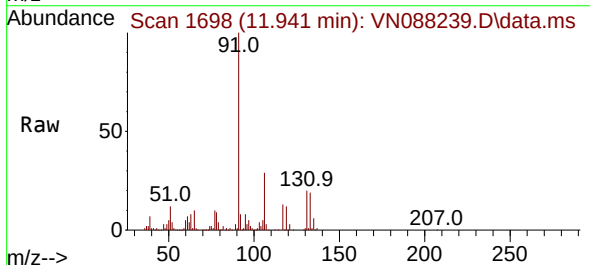
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

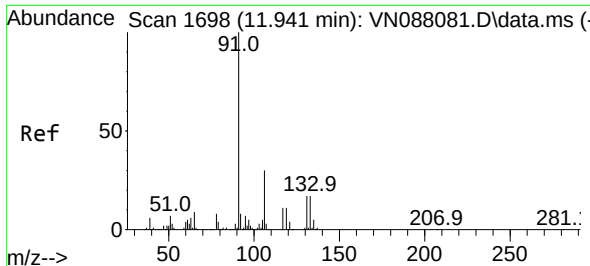
Tgt Ion:112 Resp: 206570
Ion Ratio Lower Upper
112 100
114 32.6 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.676 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:131 Resp: 74806
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 19.624 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

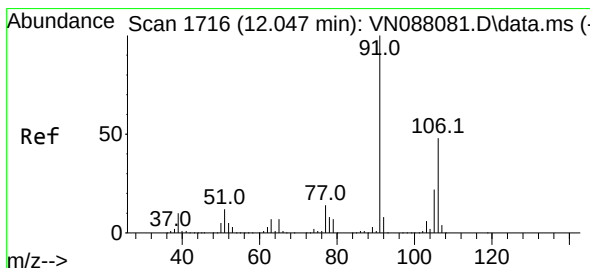
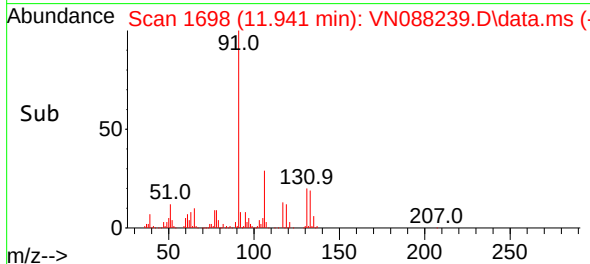
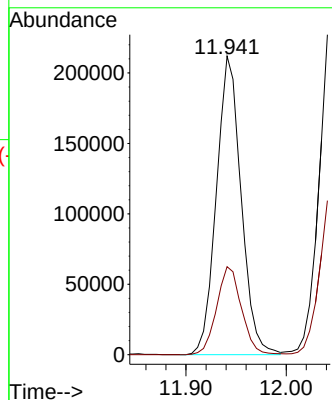
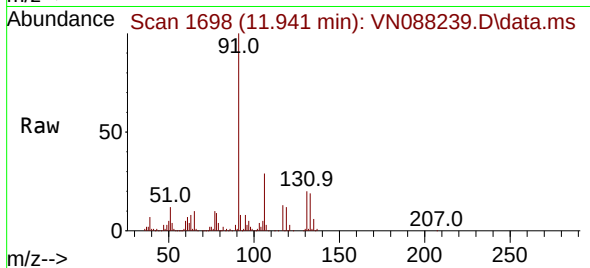
VN1110MBSD01

Tgt Ion: 91 Resp: 362863

Ion Ratio Lower Upper

91 100

106 29.5 24.1 36.1



#68

m/p-Xylenes

Concen: 39.392 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088239.D

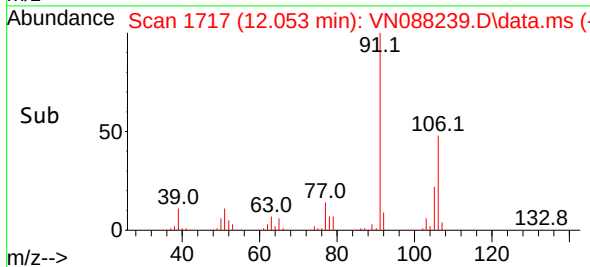
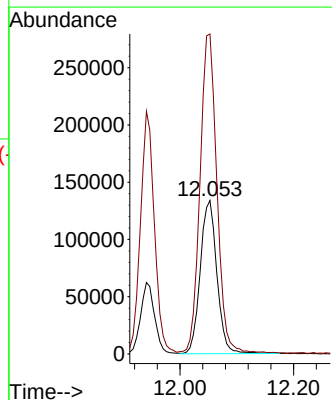
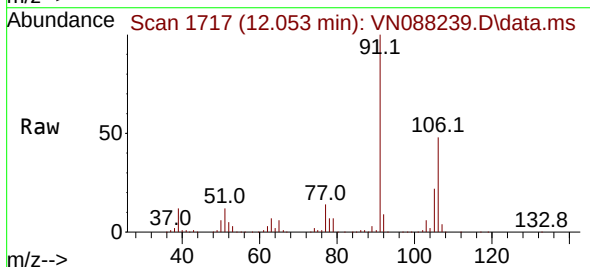
Acq: 10 Nov 2025 14:44

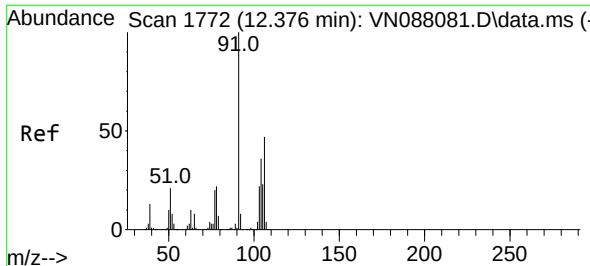
Tgt Ion:106 Resp: 272912

Ion Ratio Lower Upper

106 100

91 211.3 169.3 253.9

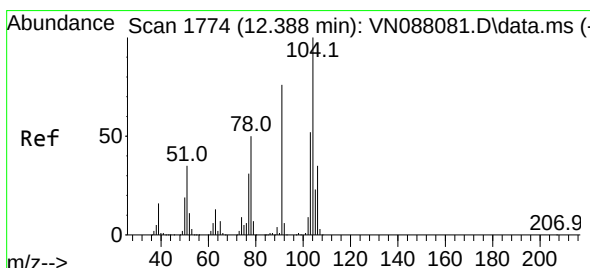
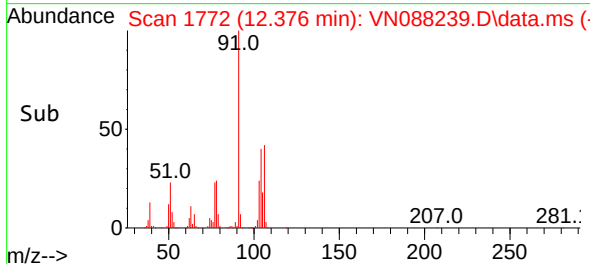
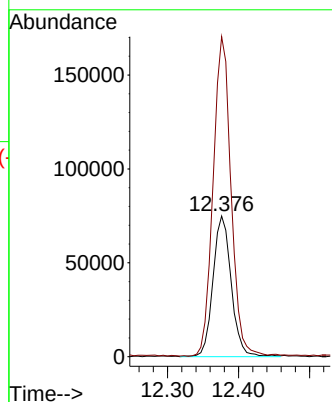
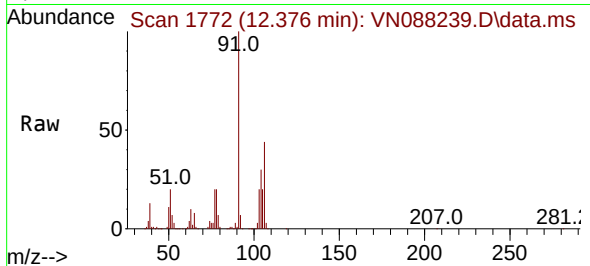




#69
o-Xylene
Concen: 20.343 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

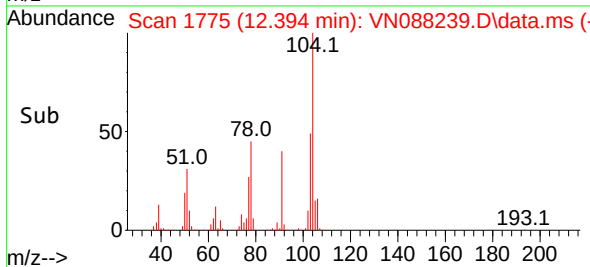
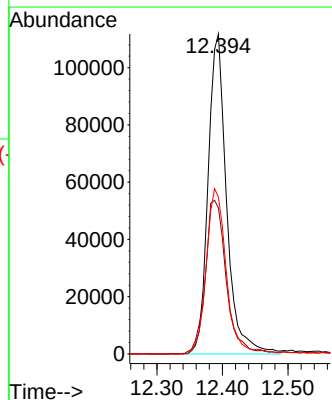
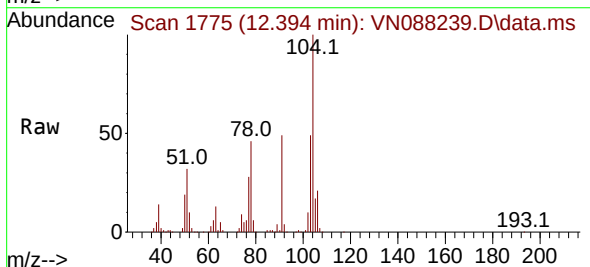
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

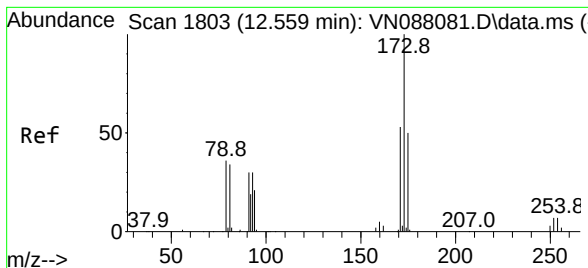
Tgt Ion:106 Resp: 133604
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2



#70
Styrene
Concen: 20.505 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:104 Resp: 219599
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.2
103 55.9 43.4 65.2





#71

Bromoform

Concen: 22.052 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

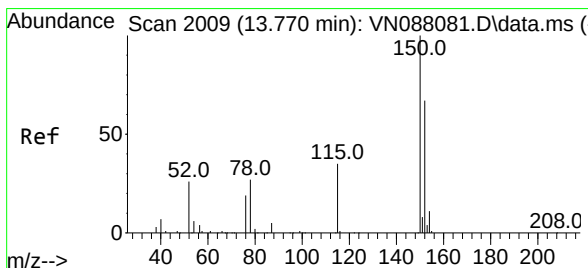
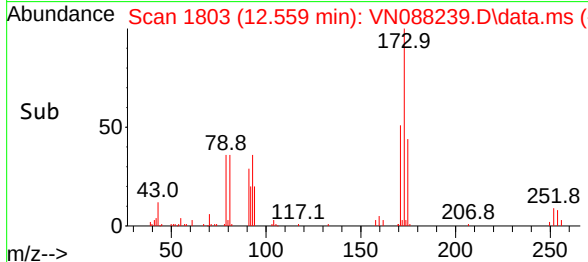
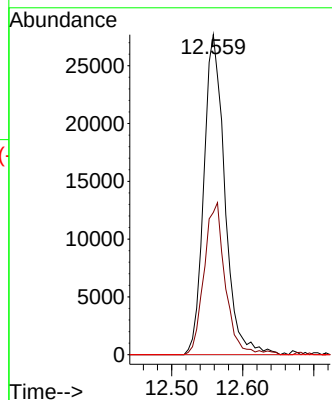
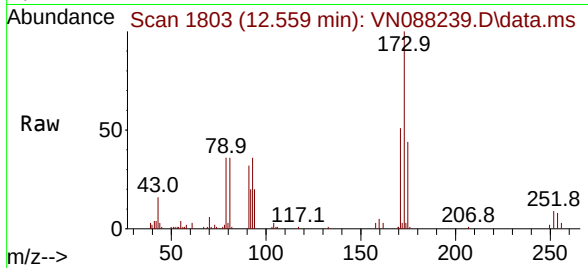
Tgt Ion:173 Resp: 56796

Ion Ratio Lower Upper

173 100

175 48.2 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: VN088239.D

Acq: 10 Nov 2025 14:44

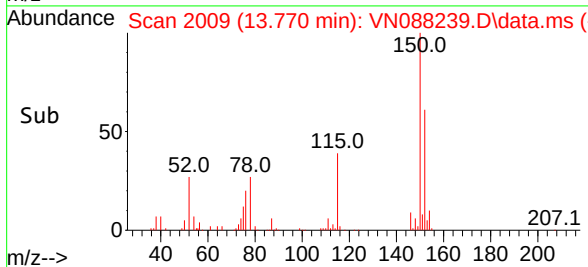
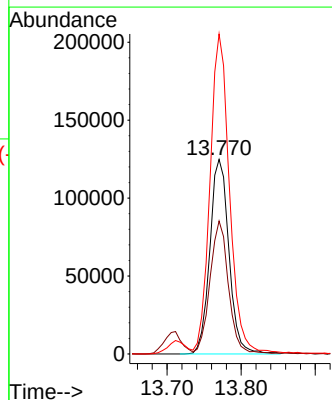
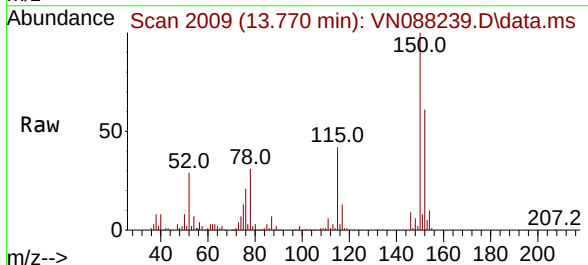
Tgt Ion:152 Resp: 223747

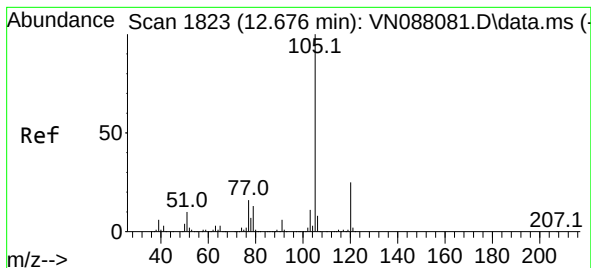
Ion Ratio Lower Upper

152 100

115 65.3 32.3 96.8

150 166.0 0.0 351.0





#73

Isopropylbenzene

Concen: 19.976 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

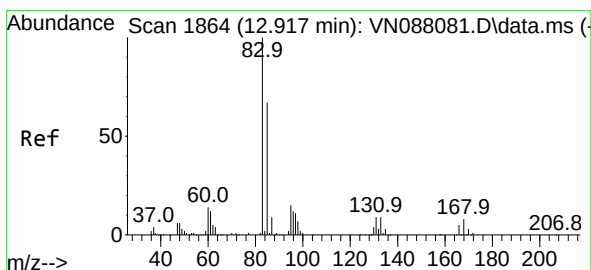
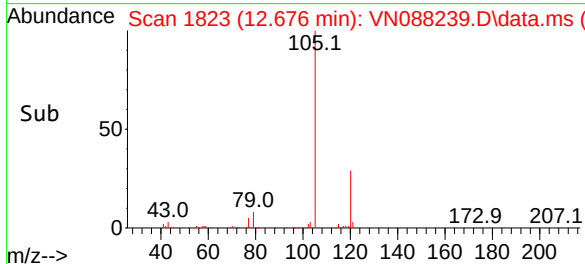
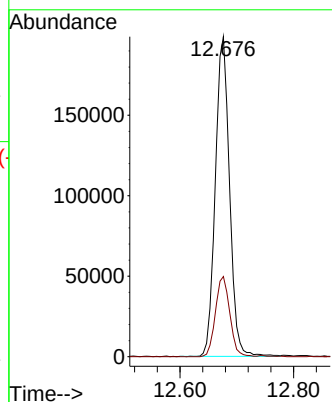
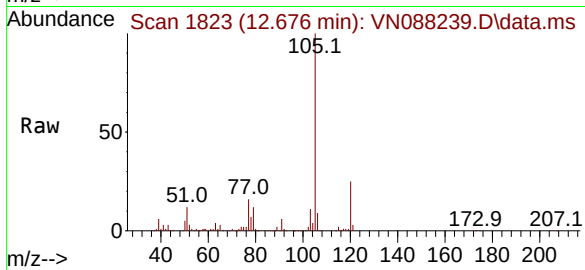
VN1110MBSD01

Tgt Ion:105 Resp: 344723

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.3



#75

1,1,2,2-Tetrachloroethane

Concen: 22.277 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

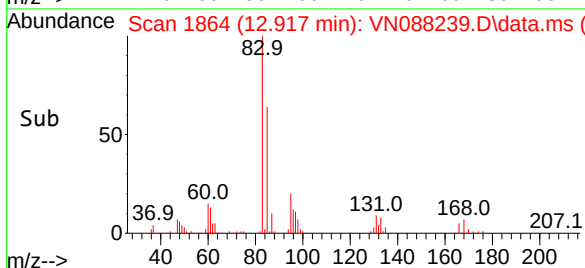
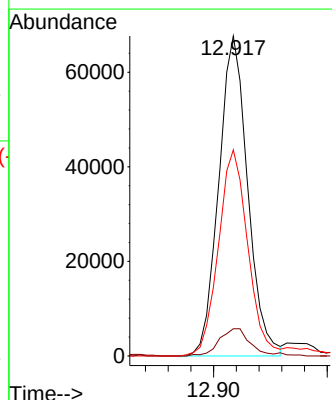
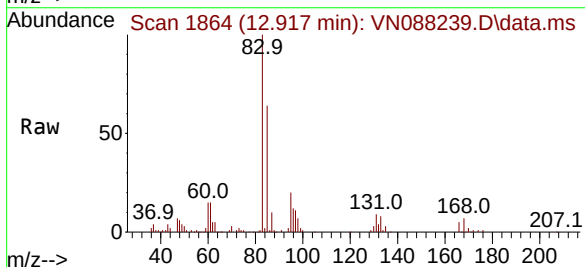
Tgt Ion: 83 Resp: 119688

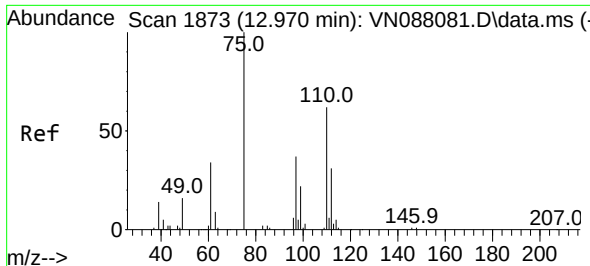
Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 65.4 32.1 96.3

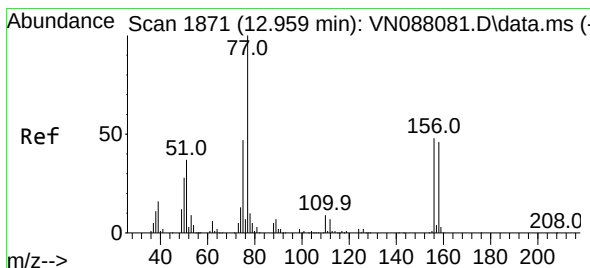
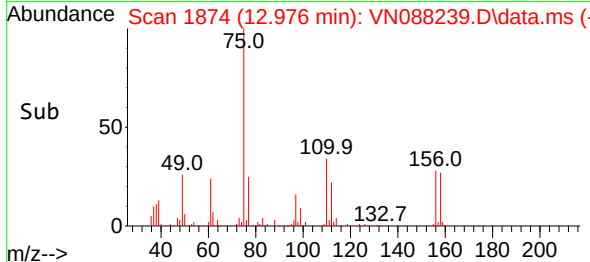
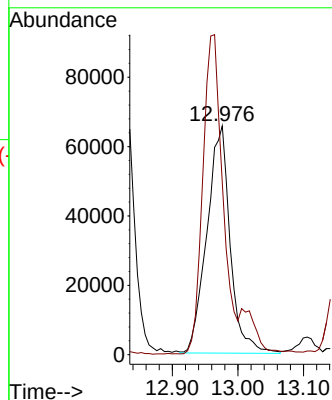
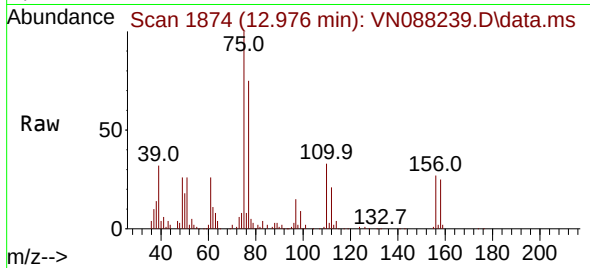




#76
1,2,3-Trichloropropane
Concen: 31.607 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

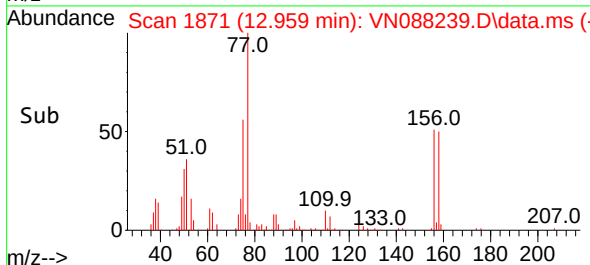
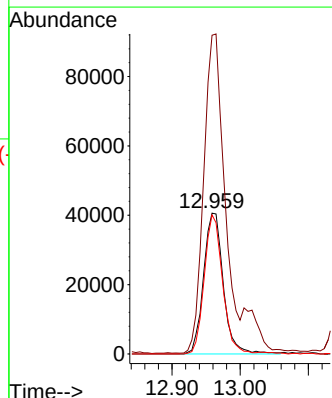
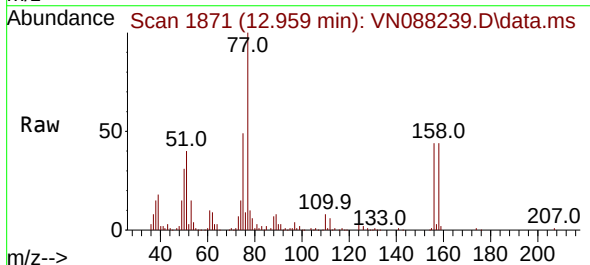
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

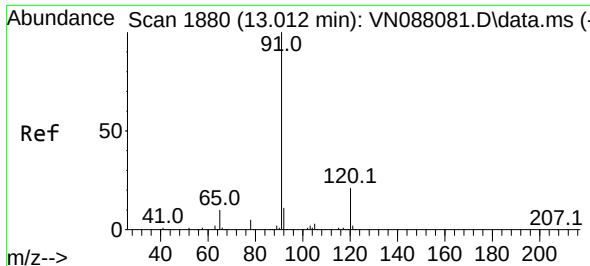
Tgt Ion: 75 Resp: 161687
Ion Ratio Lower Upper
75 100
77 120.0 89.1 267.4



#77
Bromobenzene
Concen: 22.004 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:156 Resp: 81882
Ion Ratio Lower Upper
156 100
77 236.9 119.3 358.0
158 91.4 48.2 144.6

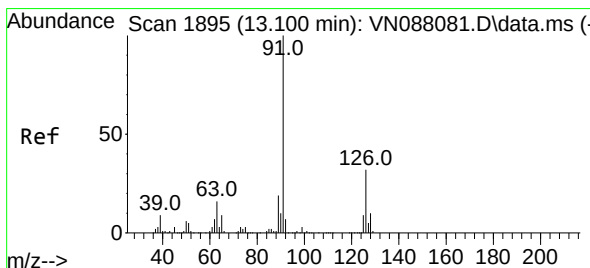
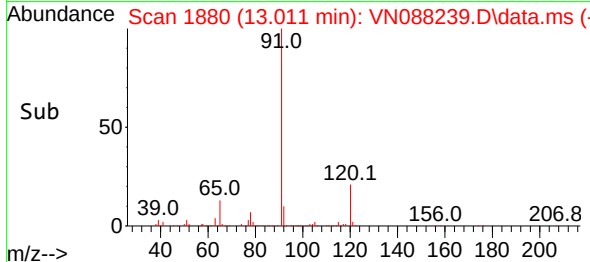
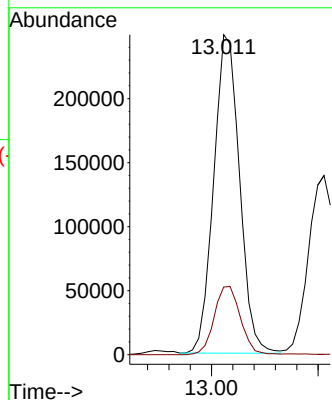
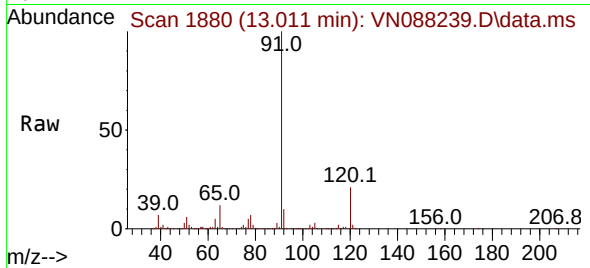




#78
n-propylbenzene
Concen: 19.859 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.001 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

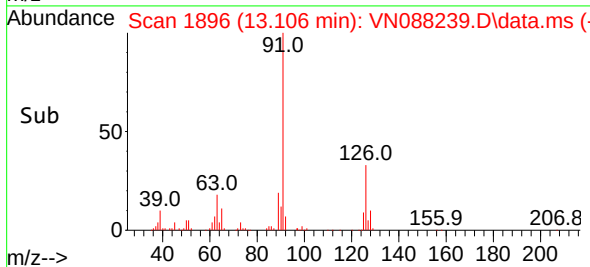
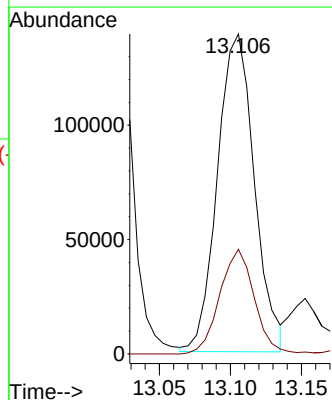
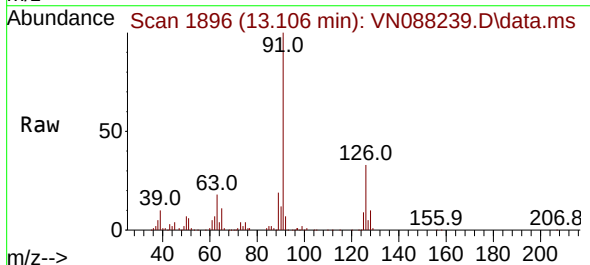
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

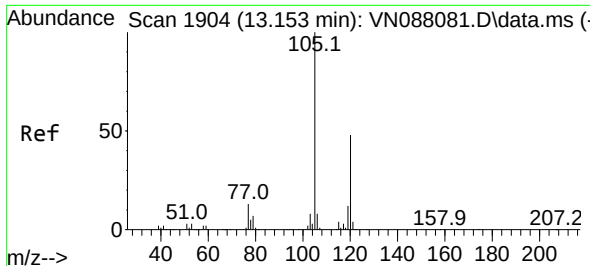
Tgt Ion: 91 Resp: 418225
Ion Ratio Lower Upper
91 100
120 21.9 10.7 32.1



#79
2-Chlorotoluene
Concen: 20.937 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 91 Resp: 251446
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.3

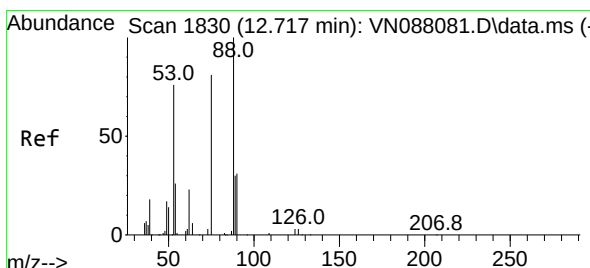
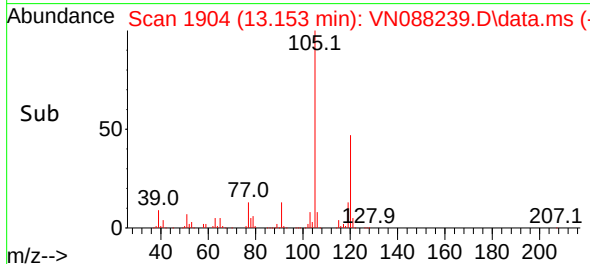
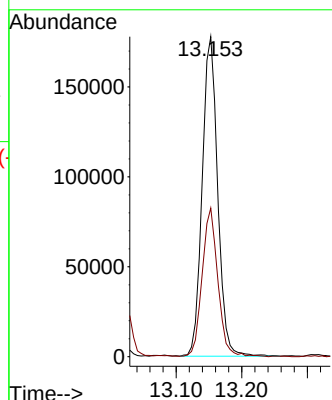
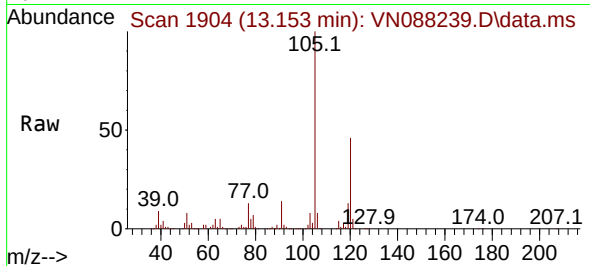




#80
 1,3,5-Trimethylbenzene
 Concen: 20.426 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

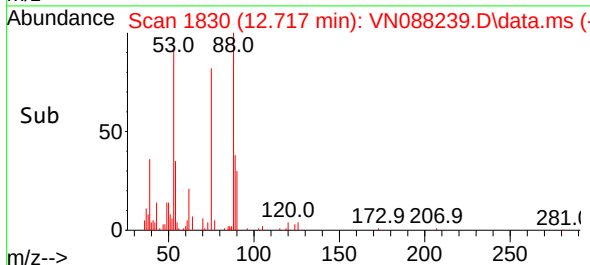
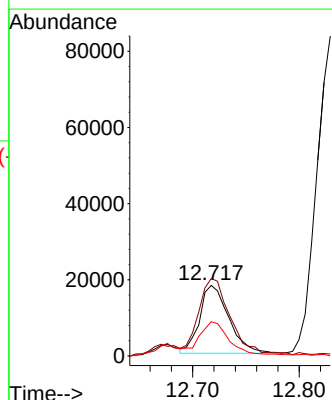
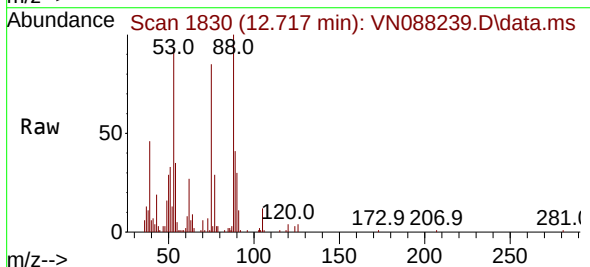
Instrument :
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 ClientSampleId :
 VN1110MBSD01

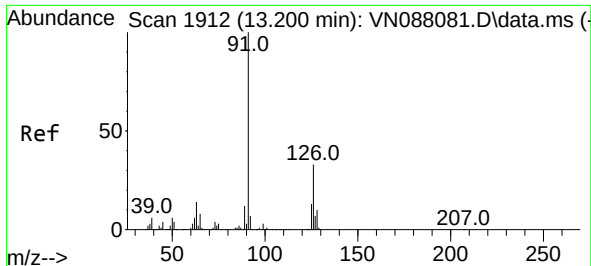
Tgt Ion:105 Resp: 292753
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.430 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion: 75 Resp: 33798
 Ion Ratio Lower Upper
 75 100
 53 124.0 101.8 152.6
 89 55.5 35.6 53.4#

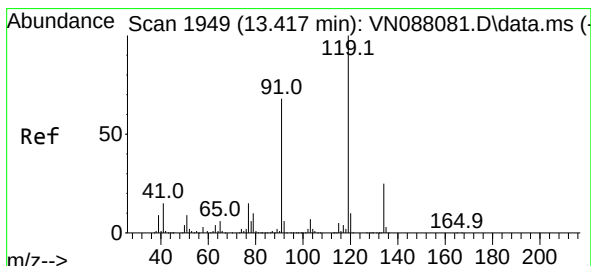
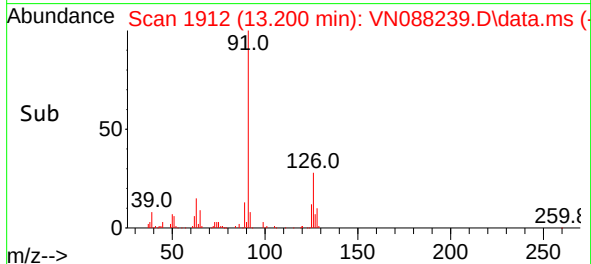
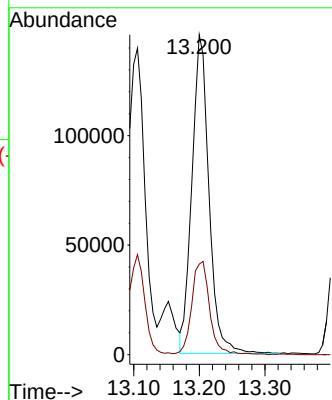
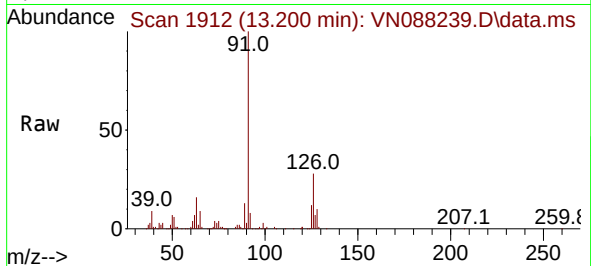




#82
4-Chlorotoluene
Concen: 20.208 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

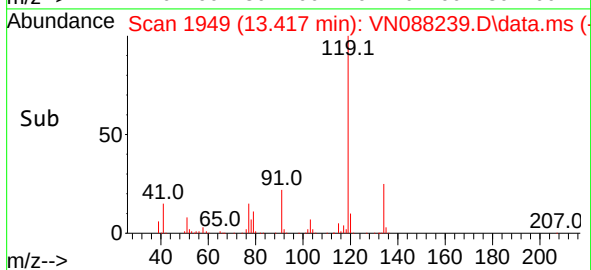
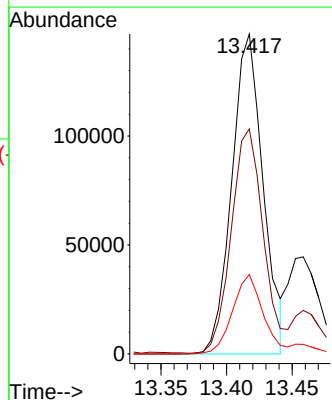
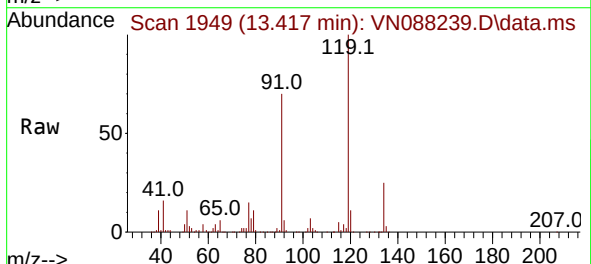
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

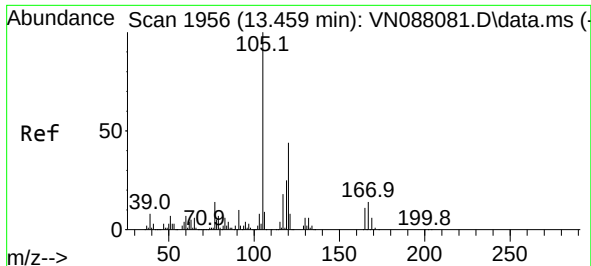
Tgt Ion: 91 Resp: 262569
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8



#83
tert-Butylbenzene
Concen: 19.071 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 119 Resp: 244168
Ion Ratio Lower Upper
119 100
91 72.3 35.0 105.0
134 24.2 12.6 37.8

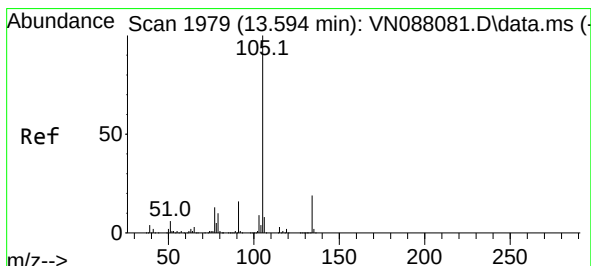
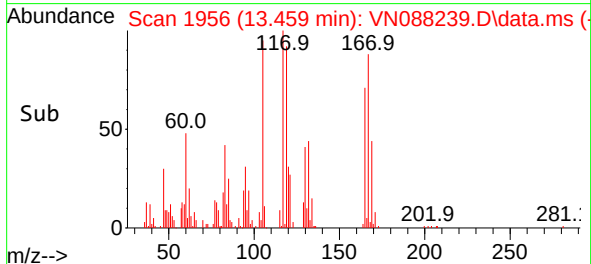
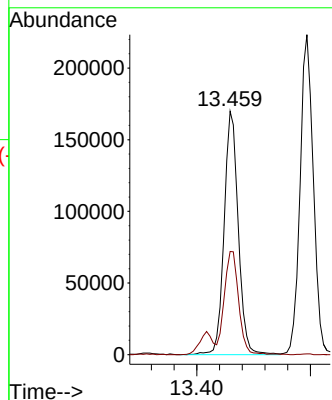
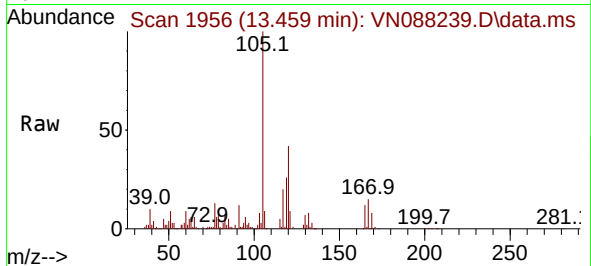




#84
1,2,4-Trimethylbenzene
Concen: 20.585 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

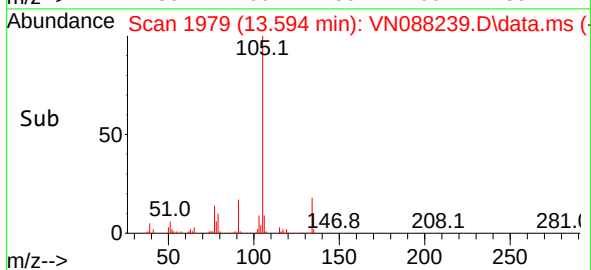
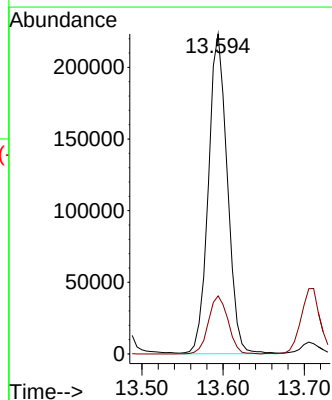
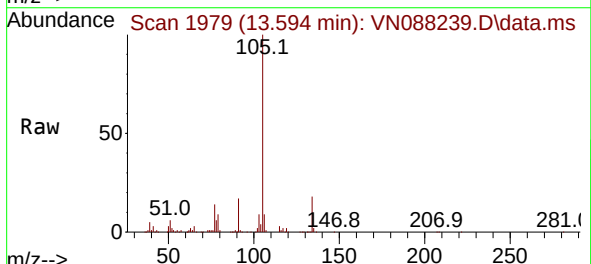
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

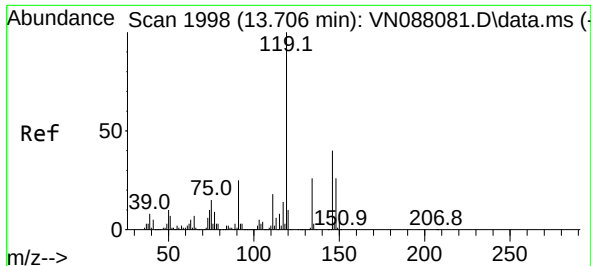
Tgt Ion:105 Resp: 295179
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0



#85
sec-Butylbenzene
Concen: 19.208 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:105 Resp: 361300
Ion Ratio Lower Upper
105 100
134 18.8 9.6 28.6

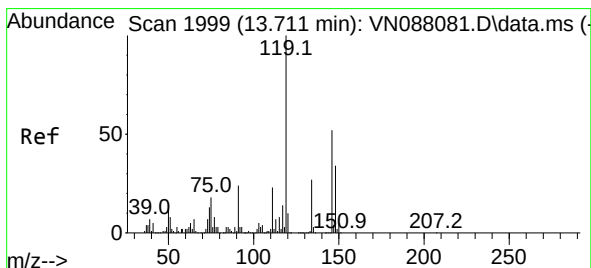
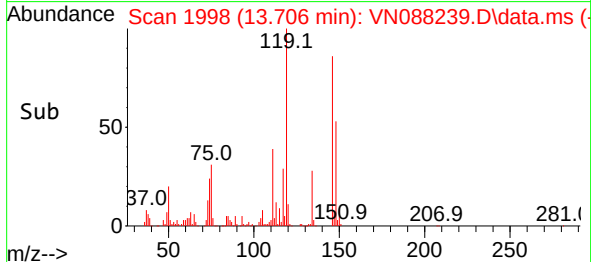
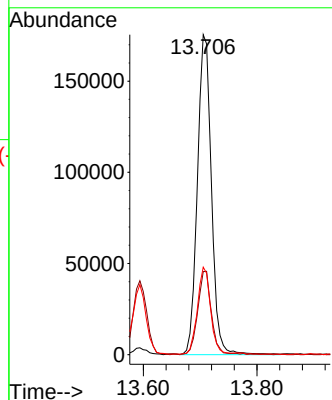
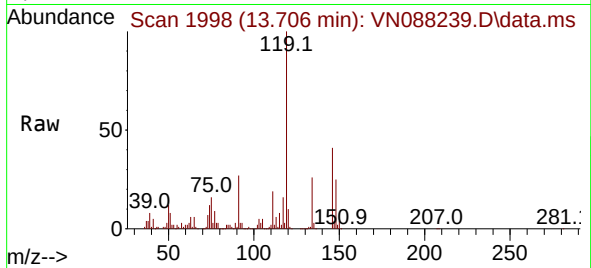




#86
 p-Isopropyltoluene
 Concen: 20.006 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

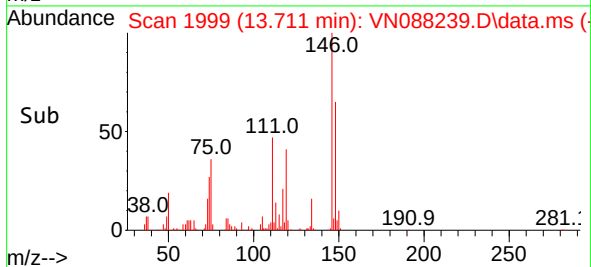
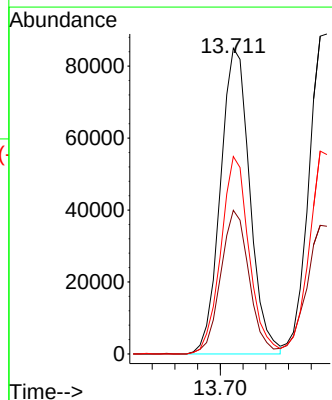
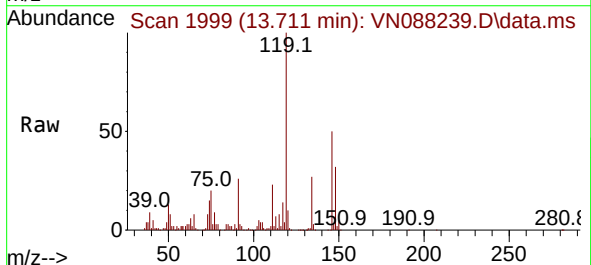
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBSD01

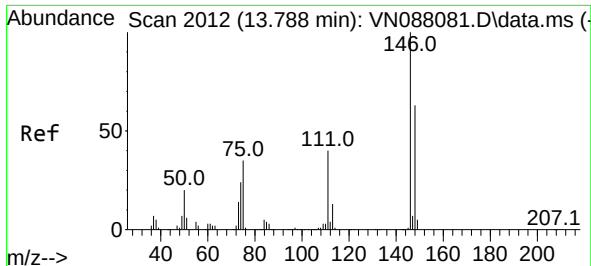
Tgt Ion:119 Resp: 301885
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 25.4 12.5 37.5



#87
 1,3-Dichlorobenzene
 Concen: 20.523 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion:146 Resp: 152463
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.1 66.5
 148 62.2 32.0 96.2

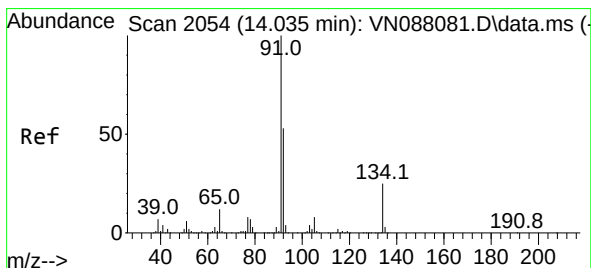
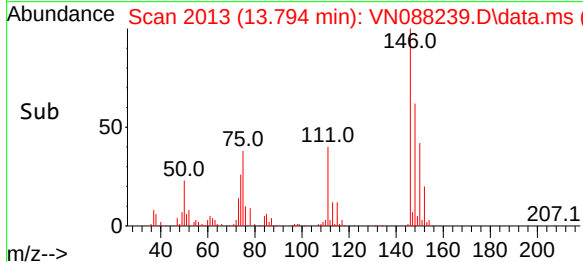
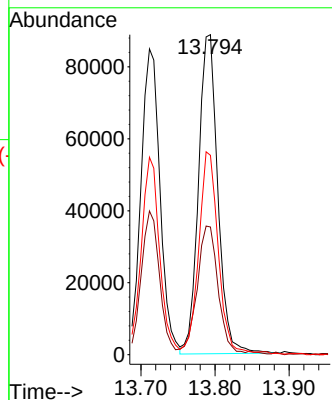
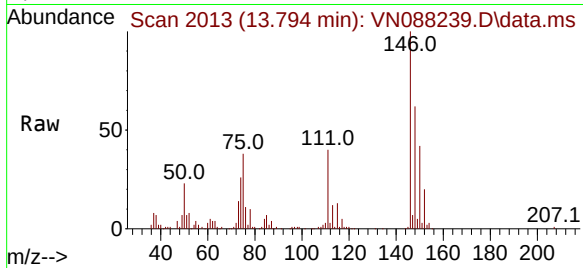




#88
1,4-Dichlorobenzene
Concen: 20.175 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

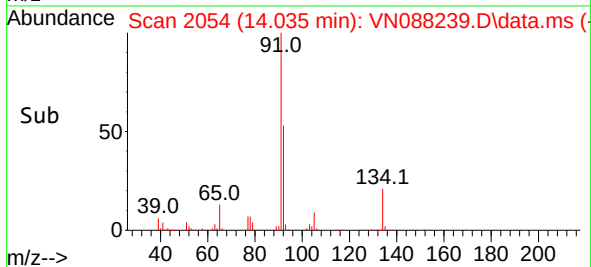
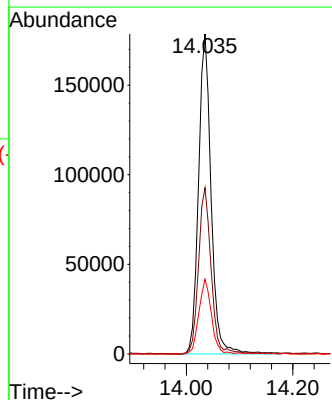
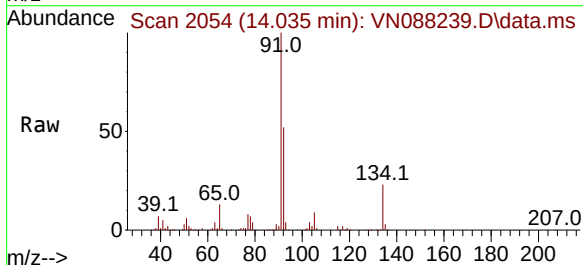
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

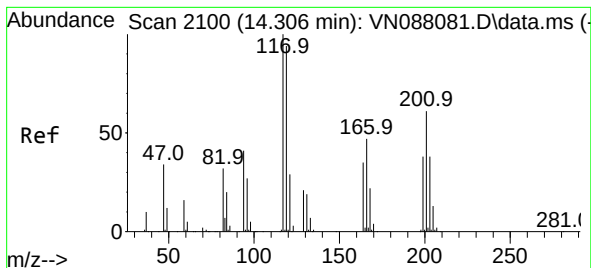
Tgt Ion:146 Resp: 160973
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 62.3 32.0 96.0



#89
n-Butylbenzene
Concen: 19.590 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 91 Resp: 292803
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 23.2 11.7 35.0





#90

Hexachloroethane

Concen: 19.663 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

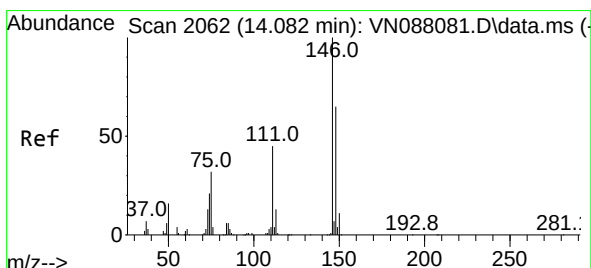
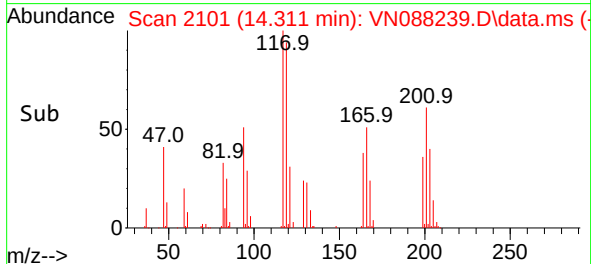
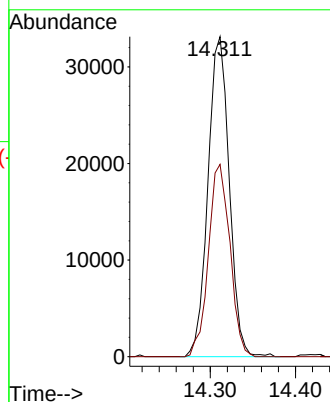
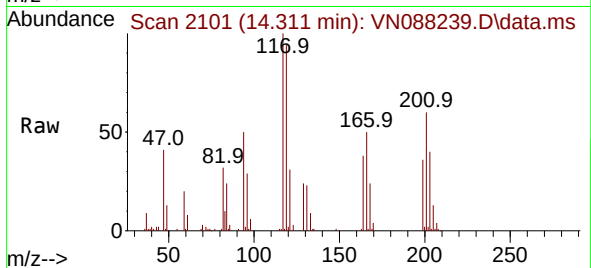
VN1110MBSD01

Tgt Ion:117 Resp: 57458

Ion Ratio Lower Upper

117 100

201 60.8 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 20.346 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

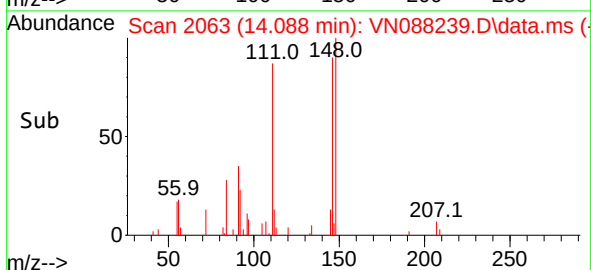
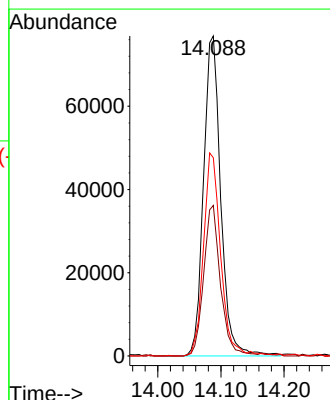
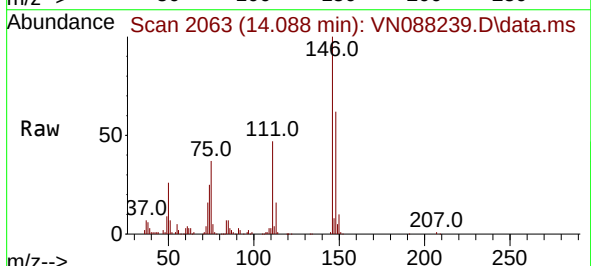
Tgt Ion:146 Resp: 145697

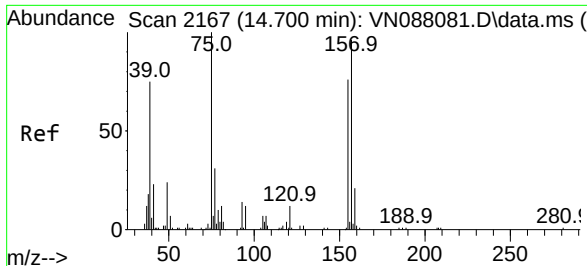
Ion Ratio Lower Upper

146 100

111 46.0 22.6 67.8

148 63.4 31.9 95.9

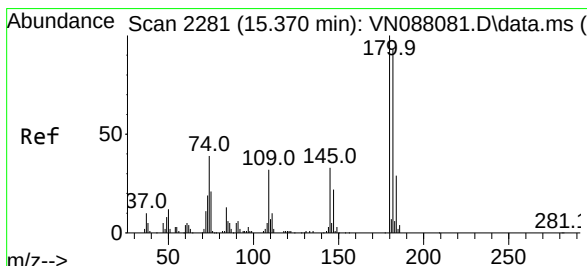
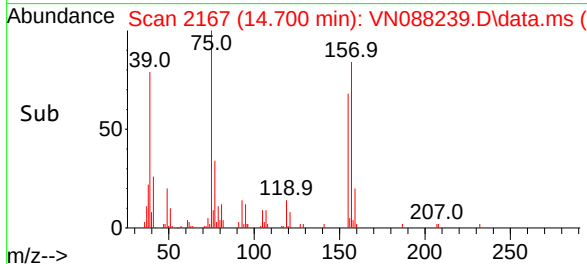
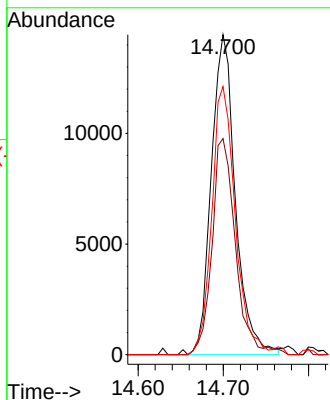
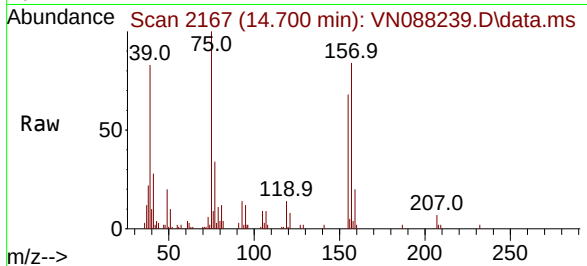




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.699 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

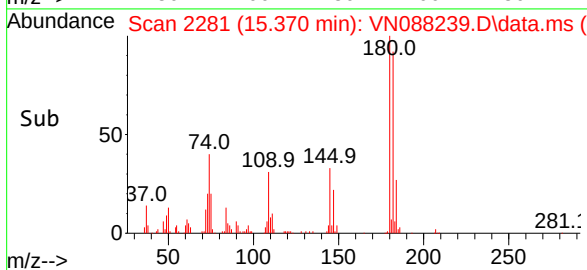
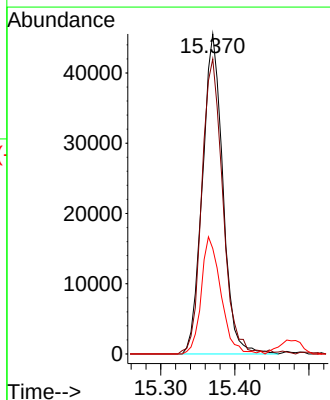
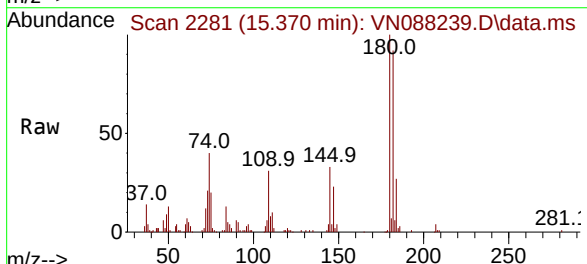
Instrument :
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 ClientSampleId :
 VN1110MBSD01

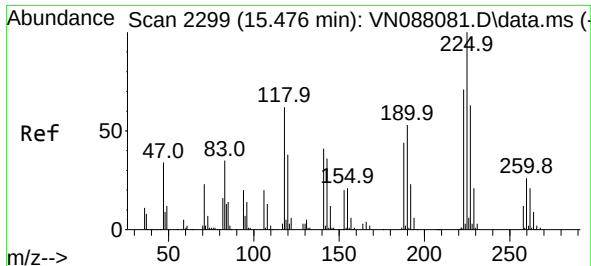
Tgt Ion: 75 Resp: 28385
 Ion Ratio Lower Upper
 75 100
 155 66.0 36.6 109.9
 157 82.1 45.6 136.9



#93
 1,2,4-Trichlorobenzene
 Concen: 20.082 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion: 180 Resp: 87090
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.9
 145 35.4 16.5 49.5

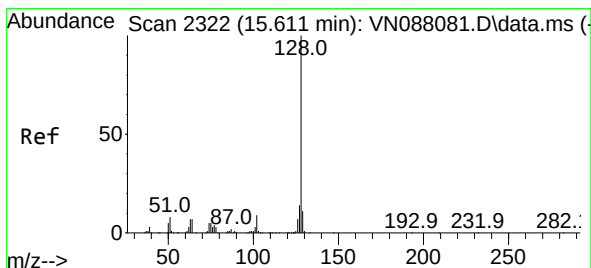
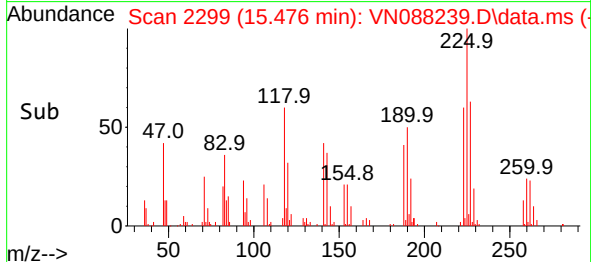
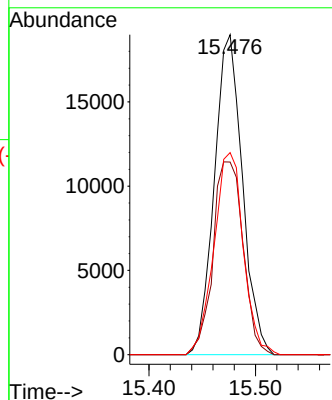
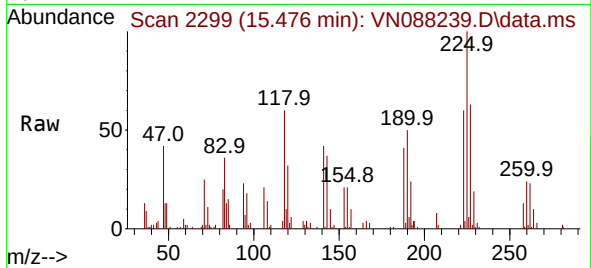




#94
Hexachlorobutadiene
Concen: 21.500 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

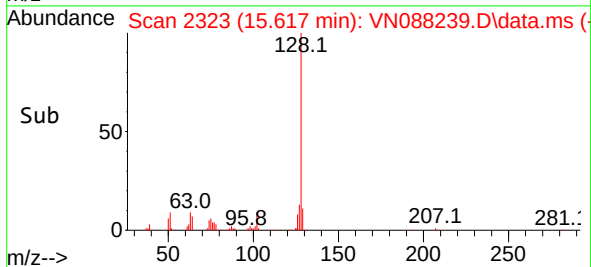
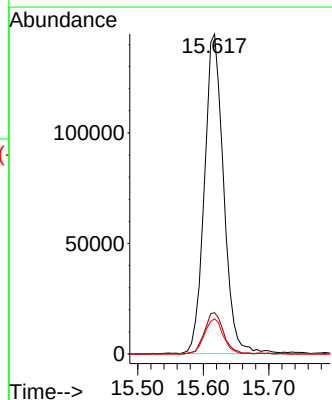
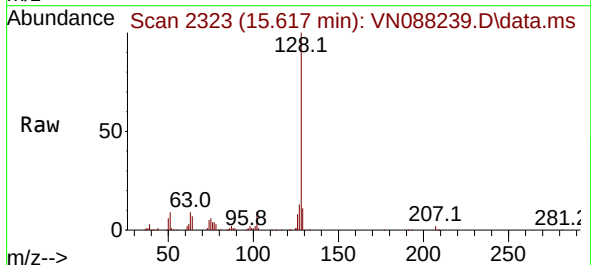
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

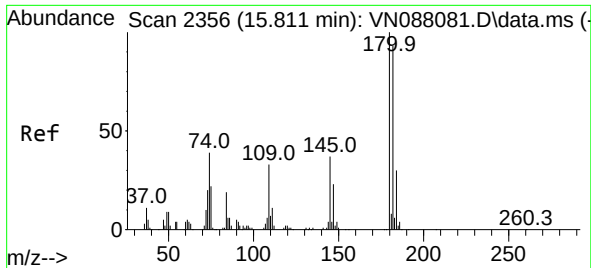
Tgt Ion:225 Resp: 34722
Ion Ratio Lower Upper
225 100
223 64.6 32.0 96.2
227 66.1 32.1 96.5



#95
Naphthalene
Concen: 19.840 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:128 Resp: 294766
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 19.266 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBSD01

Tgt Ion:180 Resp: 80113
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.8 140.3
 145 37.2 17.3 52.0

