

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088420.D
 Acq On : 03 Dec 2025 12:11
 Operator : JC\MD
 Sample : VN1203WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02

Quant Time: Dec 04 00:16:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	243790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	441855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	233836	50.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.840%	
35) Dibromofluoromethane	8.147	113	151508	49.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	10.541	98	555777	48.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	12.829	95	193103	49.397	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	84224	23.001	ug/l	99
3) Chloromethane	2.383	50	86520	22.000	ug/l	99
4) Vinyl Chloride	2.536	62	88781	22.190	ug/l	93
5) Bromomethane	2.983	94	43324	22.499	ug/l	100
6) Chloroethane	3.142	64	55695	22.494	ug/l	95
7) Trichlorofluoromethane	3.518	101	129384	23.009	ug/l	92
8) Diethyl Ether	3.959	74	47941	22.715	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	67447	22.530	ug/l	96
10) Methyl Iodide	4.583	142	57412	19.373	ug/l	94
11) Tert butyl alcohol	5.506	59	73617	100.402	ug/l	100
12) 1,1-Dichloroethene	4.336	96	64671	21.743	ug/l	94
13) Acrolein	4.177	56	81707	116.396	ug/l	99
14) Allyl chloride	5.018	41	119450	21.668	ug/l	99
15) Acrylonitrile	5.706	53	241990	114.390	ug/l	97
16) Acetone	4.424	43	172337	103.762	ug/l	99
17) Carbon Disulfide	4.706	76	213496	21.966	ug/l	100
18) Methyl Acetate	5.018	43	119640	24.199	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	260101	23.341	ug/l	99
20) Methylene Chloride	5.271	84	79186	22.284	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	72762	22.084	ug/l	97
22) Diisopropyl ether	6.659	45	282684	24.018	ug/l	99
23) Vinyl Acetate	6.589	43	1252949	132.133	ug/l	99
24) 1,1-Dichloroethane	6.547	63	154978	23.252	ug/l	98
25) 2-Butanone	7.465	43	296266	110.958	ug/l	100
26) 2,2-Dichloropropane	7.471	77	132597	23.048	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	84198	21.989	ug/l	95
28) Bromochloromethane	7.788	49	69647	20.976	ug/l	98
29) Tetrahydrofuran	7.818	42	221957	115.894	ug/l	97
30) Chloroform	7.947	83	155883	23.802	ug/l	97
31) Cyclohexane	8.235	56	133701	22.136	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	132281	22.972	ug/l	95
36) 1,1-Dichloropropene	8.353	75	104286	22.068	ug/l	98
37) Ethyl Acetate	7.541	43	134284	21.611	ug/l	97
38) Carbon Tetrachloride	8.341	117	112964	24.012	ug/l	93
39) Methylcyclohexane	9.577	83	108582	21.481	ug/l	95
40) Benzene	8.588	78	315045	22.714	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	73059	23.739	ug/l	97
42) 1,2-Dichloroethane	8.647	62	131369	24.825	ug/l	100
43) Isopropyl Acetate	8.671	43	218108	22.974	ug/l	100
44) Trichloroethene	9.330	130	70993	21.662	ug/l	98
45) 1,2-Dichloropropane	9.600	63	83317	23.446	ug/l	98
46) Dibromomethane	9.688	93	61063	24.078	ug/l	99
47) Bromodichloromethane	9.865	83	122848	23.741	ug/l	98
48) Methyl methacrylate	9.659	41	99664	23.008	ug/l	98
49) 1,4-Dioxane	9.682	88	23655	429.402	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	679502	121.427	ug/l	99
52) Toluene	10.606	92	189259	23.631	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	124472	23.435	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	132698	23.757	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	75047	24.220	ug/l	99
56) Ethyl methacrylate	10.853	69	118218	24.153	ug/l	97
57) 1,3-Dichloropropane	11.141	76	134010	23.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	301210	106.744	ug/l	99
59) 2-Hexanone	11.176	43	407196	115.510	ug/l	97
60) Dibromochloromethane	11.335	129	82597	23.383	ug/l	96
61) 1,2-Dibromoethane	11.447	107	75617	24.099	ug/l	99
64) Tetrachloroethene	11.076	164	63879	20.300	ug/l	96
65) Chlorobenzene	11.871	112	198596	22.275	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	71471	23.768	ug/l	98
67) Ethyl Benzene	11.941	91	348145	22.342	ug/l	97
68) m/p-Xylenes	12.047	106	258961	44.821	ug/l	98
69) o-Xylene	12.376	106	120501	21.877	ug/l	99
70) Styrene	12.388	104	208790	23.345	ug/l	99
71) Bromoform	12.553	173	52448	23.813	ug/l #	99
73) Isopropylbenzene	12.670	105	313470	21.686	ug/l	99
74) N-amyl acetate	12.523	43	8600	1.747	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.912	83	106712	22.836	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	152604	33.328	ug/l	64
77) Bromobenzene	12.959	156	75715	22.893	ug/l	97
78) n-propylbenzene	13.012	91	401330	22.695	ug/l	99
79) 2-Chlorotoluene	13.100	91	237936	22.034	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	267945	22.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	33626	20.834	ug/l #	92
82) 4-Chlorotoluene	13.200	91	250184	23.326	ug/l	100
83) tert-Butylbenzene	13.412	119	223251	21.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	274144	23.027	ug/l	97
85) sec-Butylbenzene	13.594	105	326289	22.307	ug/l	99
86) p-Isopropyltoluene	13.706	119	268852	22.414	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	146835	22.807	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	147165	21.822	ug/l	98
89) n-Butylbenzene	14.035	91	255584	21.946	ug/l	99
90) Hexachloroethane	14.306	117	49509	22.595	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	132616	21.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24969	22.023	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	74473	20.688	ug/l	95
94) Hexachlorobutadiene	15.470	225	29967	23.166	ug/l	97
95) Naphthalene	15.611	128	256226	20.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	72914	20.813	ug/l	97

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ClientSampleId :
VN1203WBS02

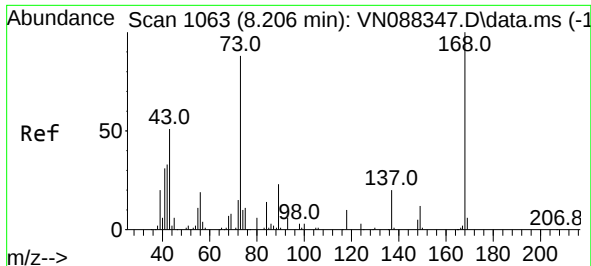
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QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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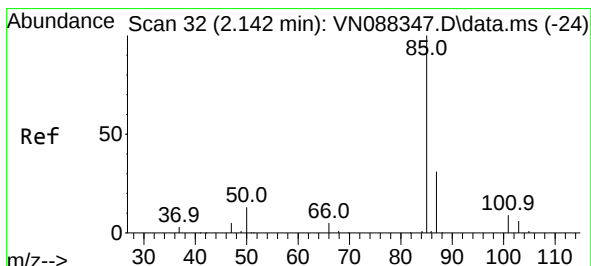
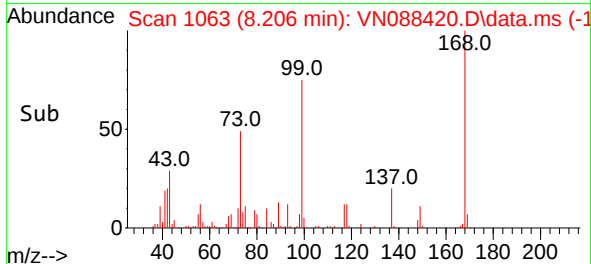
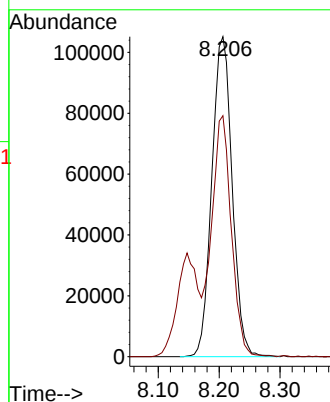
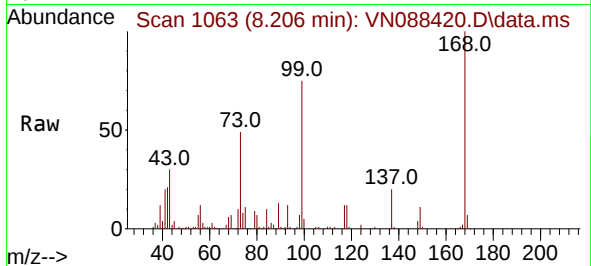




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088420.D
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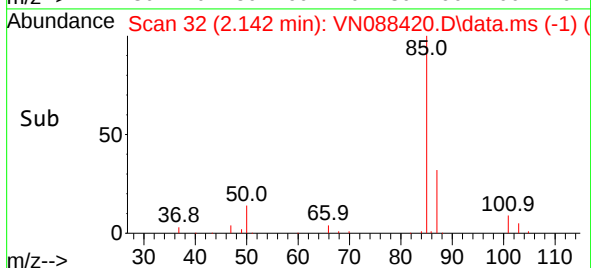
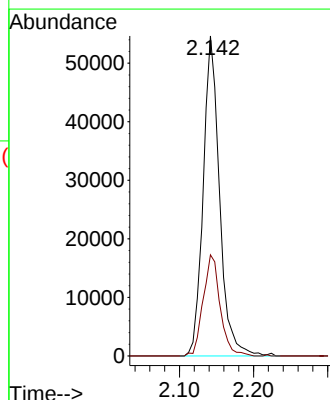
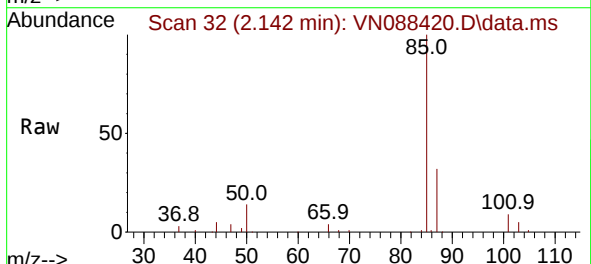
Instrument :
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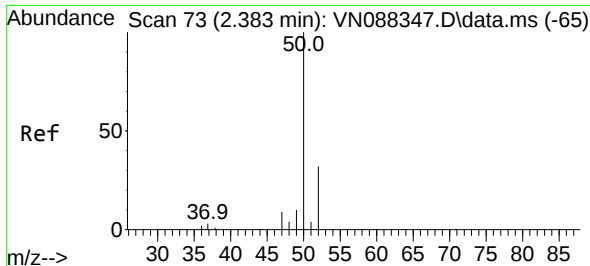
Tgt Ion:168 Resp: 243790
Ion Ratio Lower Upper
168 100
99 75.1 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 23.001 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 85 Resp: 84224
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.7

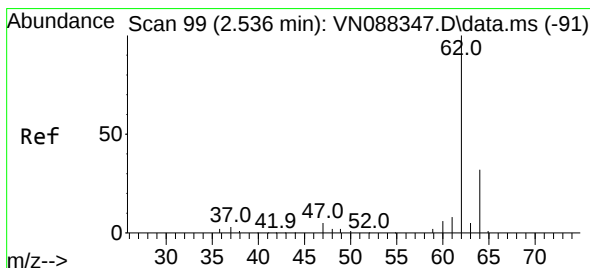
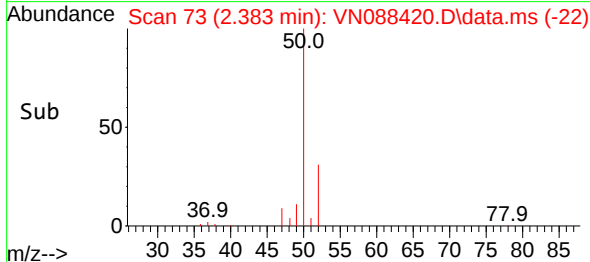
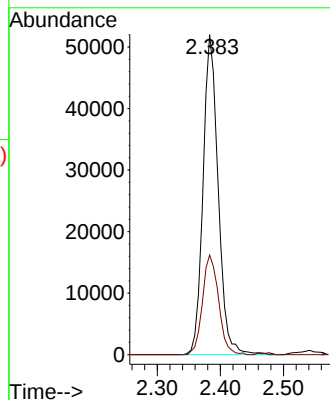
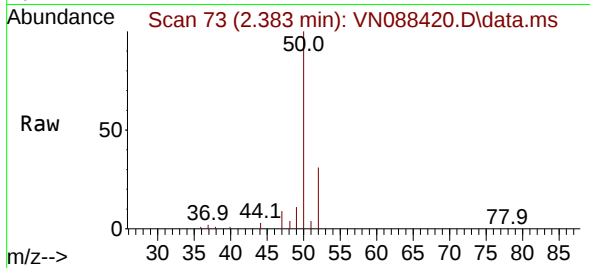




#3
Chloromethane
Concen: 22.000 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

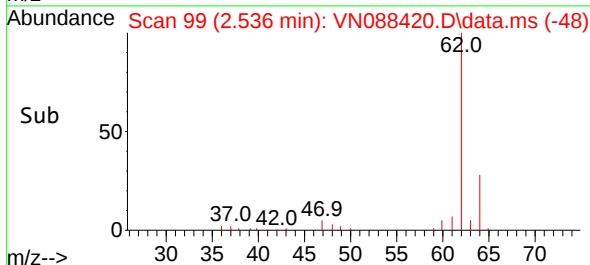
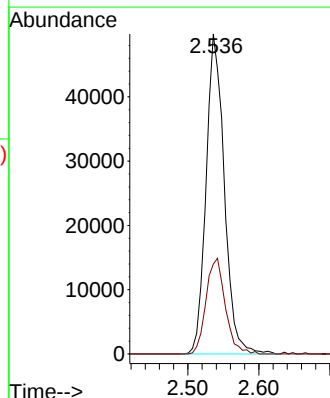
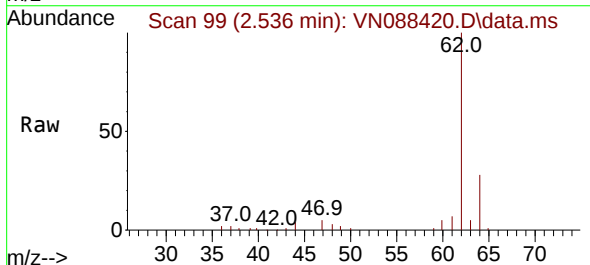
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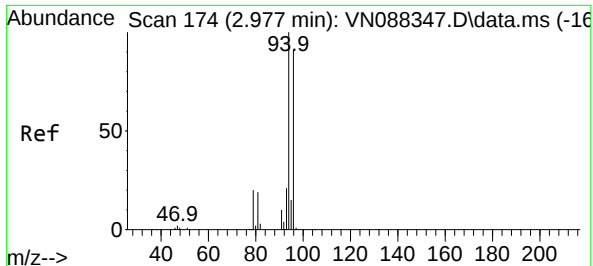
Tgt Ion: 50 Resp: 86520
Ion Ratio Lower Upper
50 100
52 31.2 25.2 37.8



#4
Vinyl Chloride
Concen: 22.190 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 62 Resp: 88781
Ion Ratio Lower Upper
62 100
64 28.1 25.4 38.2

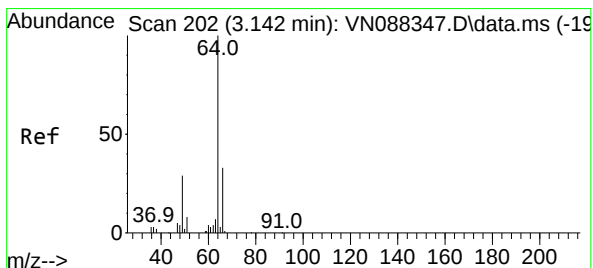
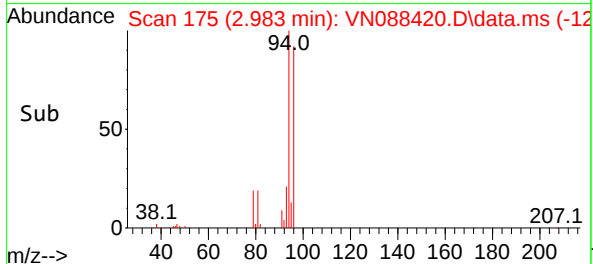
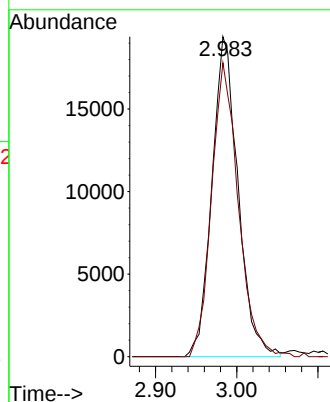
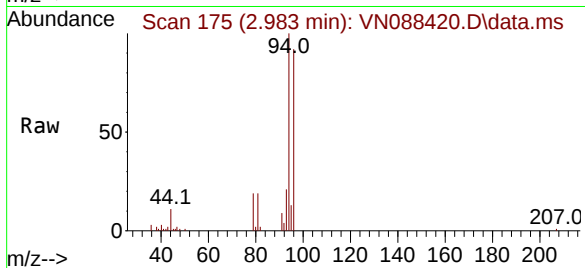




#5
Bromomethane
Concen: 22.499 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

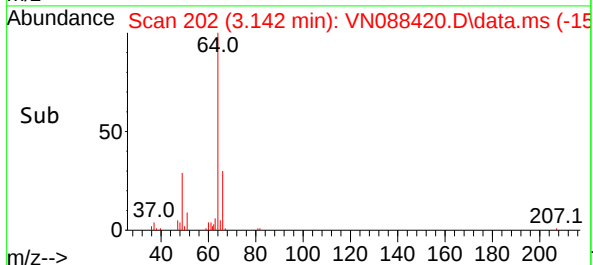
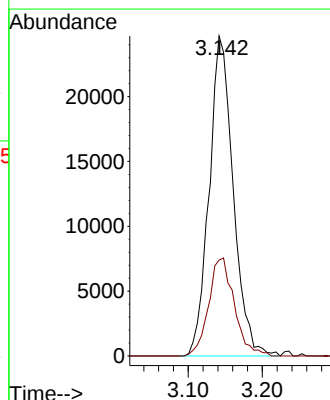
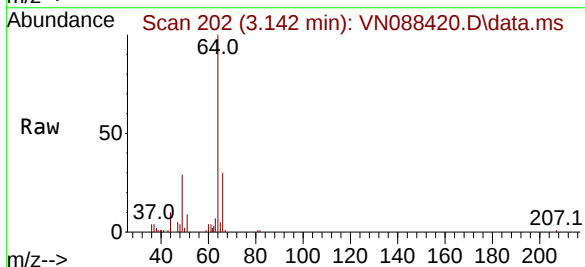
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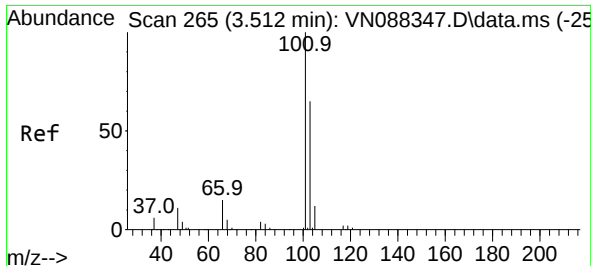
Tgt Ion: 94 Resp: 43324
Ion Ratio Lower Upper
94 100
96 91.9 73.2 109.8



#6
Chloroethane
Concen: 22.494 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 64 Resp: 55695
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6

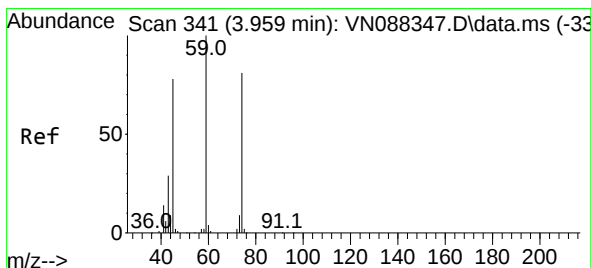
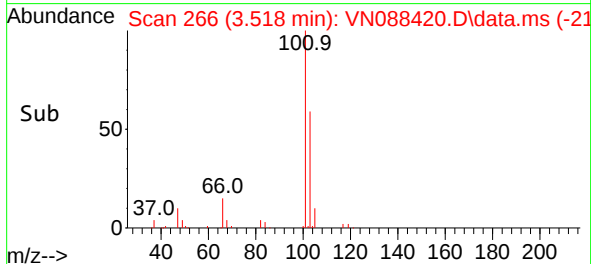
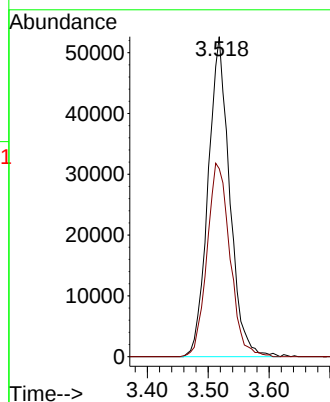
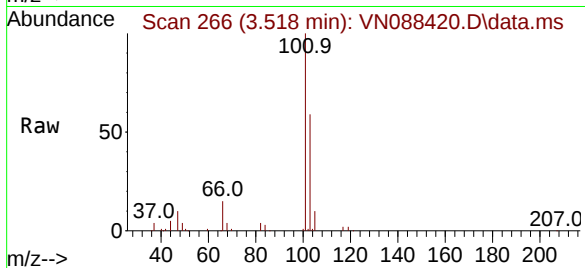




#7
Trichlorofluoromethane
Concen: 23.009 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

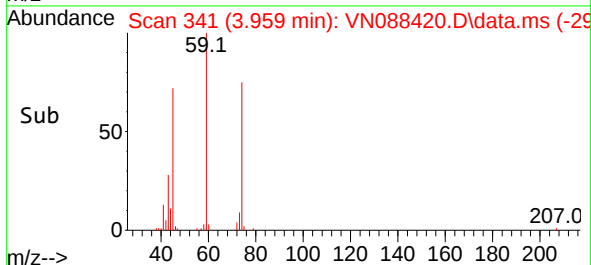
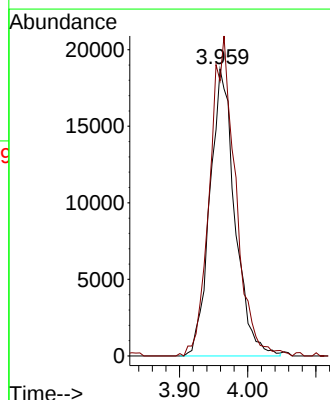
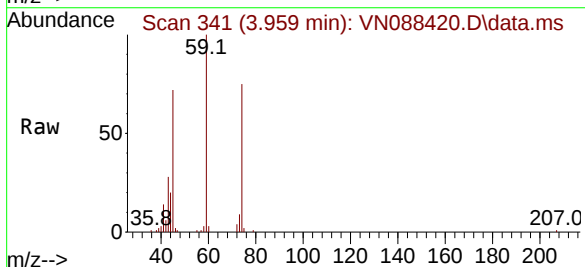
Instrument :
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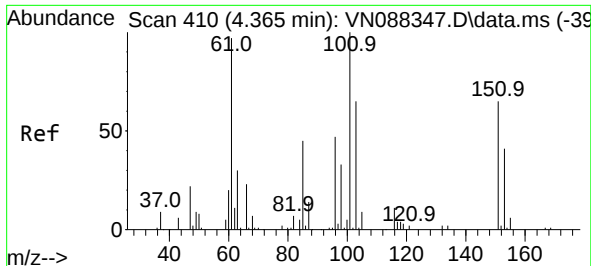
Tgt Ion:101 Resp: 129384
Ion Ratio Lower Upper
101 100
103 58.7 52.3 78.5



#8
Diethyl Ether
Concen: 22.715 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 74 Resp: 47941
Ion Ratio Lower Upper
74 100
45 114.5 54.2 162.6

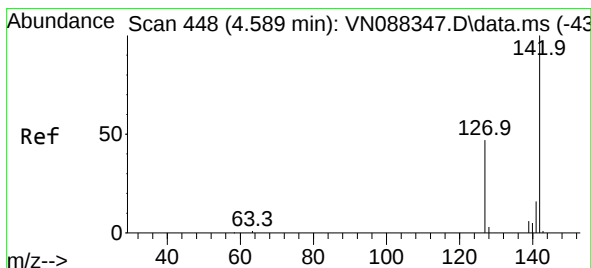
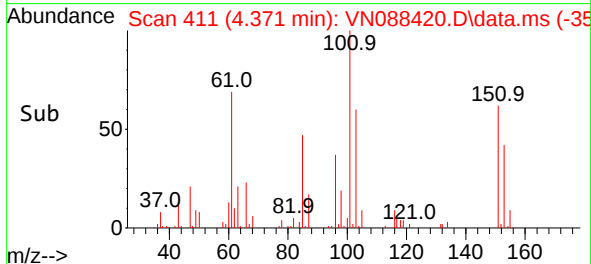
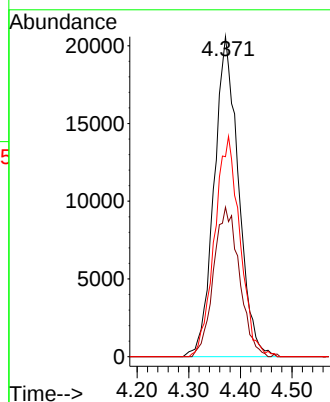
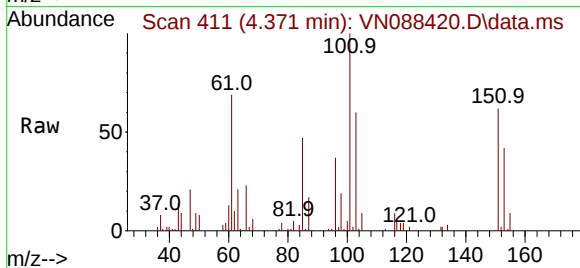




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.530 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

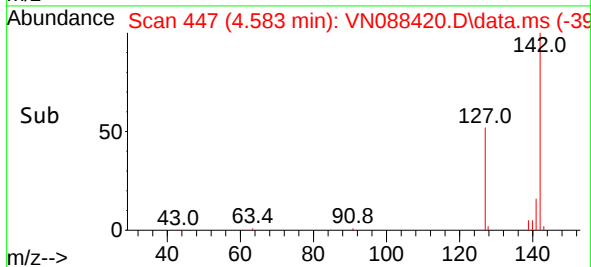
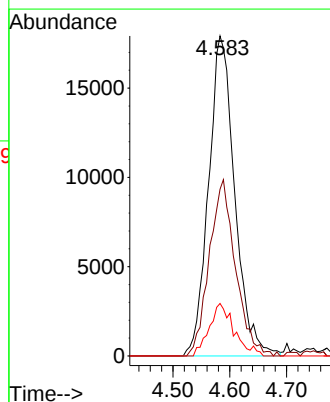
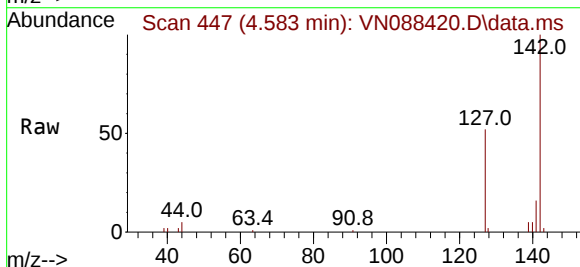
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

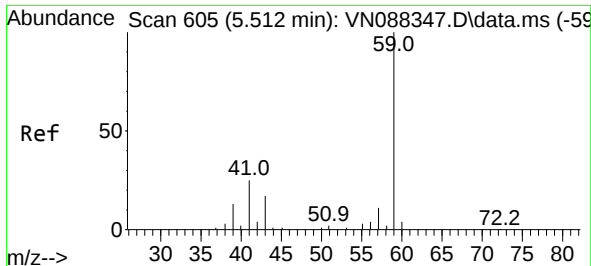
Tgt Ion:101 Resp: 67447
Ion Ratio Lower Upper
101 100
85 49.4 39.2 58.8
151 71.8 53.6 80.4



#10
Methyl Iodide
Concen: 19.373 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:142 Resp: 57412
Ion Ratio Lower Upper
142 100
127 52.1 37.9 56.9
141 16.4 12.4 18.6

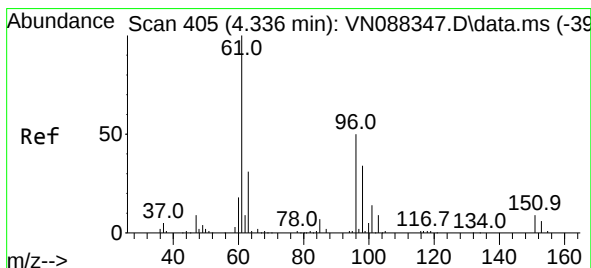
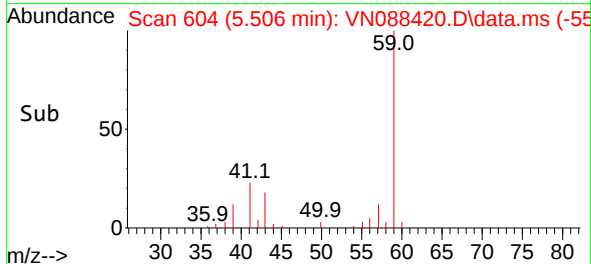
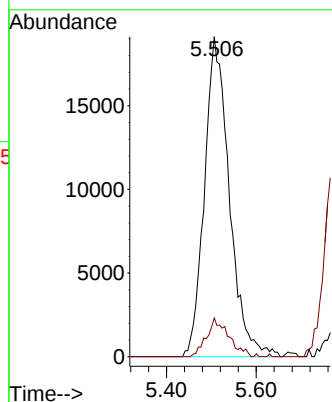
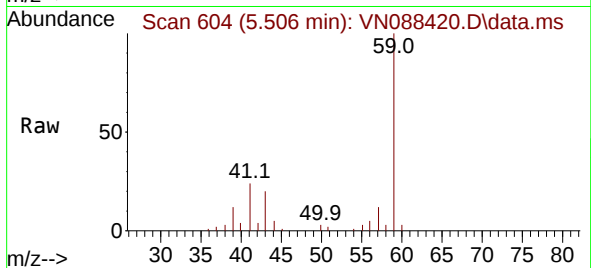




#11
Tert butyl alcohol
Concen: 100.402 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

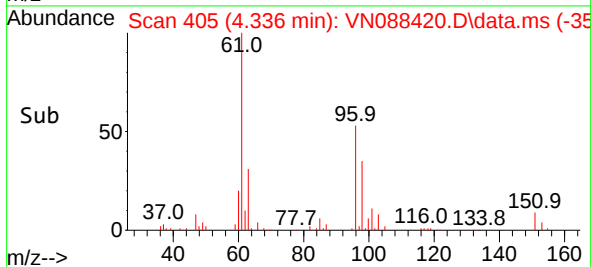
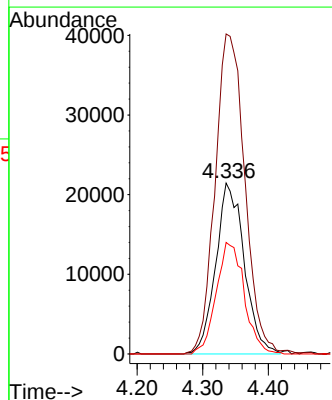
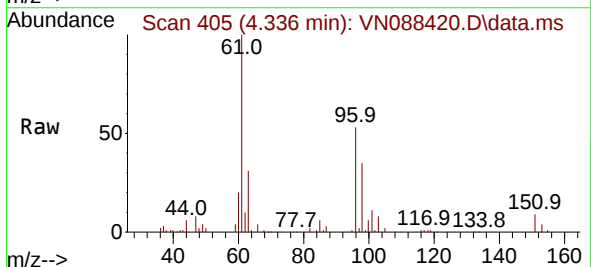
Instrument :
MSVOA_N
ClientSampleId :
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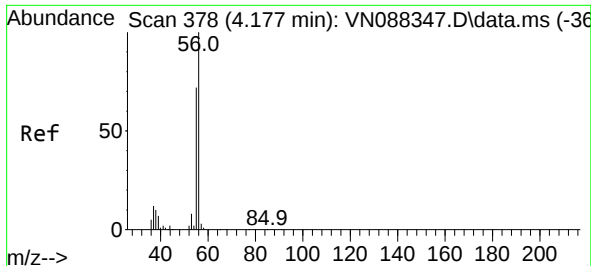
Tgt Ion: 59 Resp: 73617
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 21.743 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 96 Resp: 64671
Ion Ratio Lower Upper
96 100
61 187.3 159.1 238.7
98 65.3 53.7 80.5





#13

Acrolein

Concen: 116.396 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

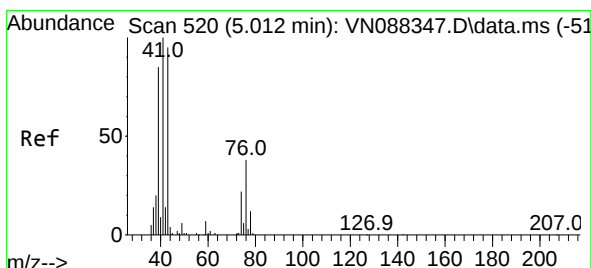
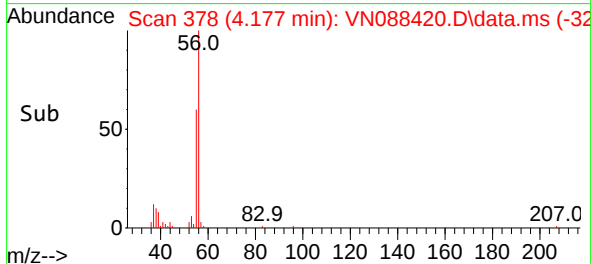
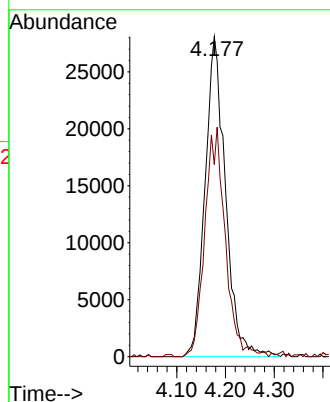
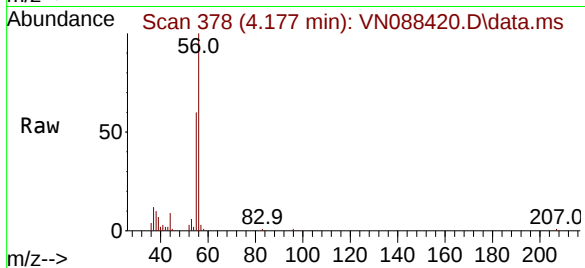
VN1203WBS02

Tgt Ion: 56 Resp: 81707

Ion Ratio Lower Upper

56 100

55 71.6 56.3 84.5



#14

Allyl chloride

Concen: 21.668 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

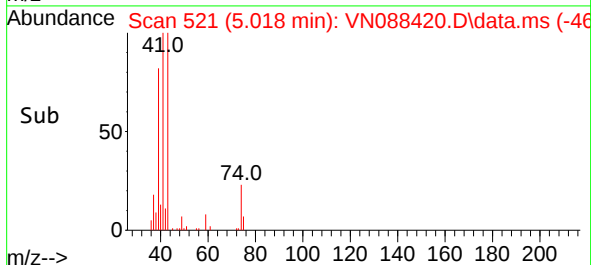
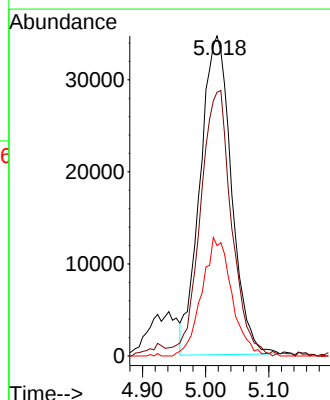
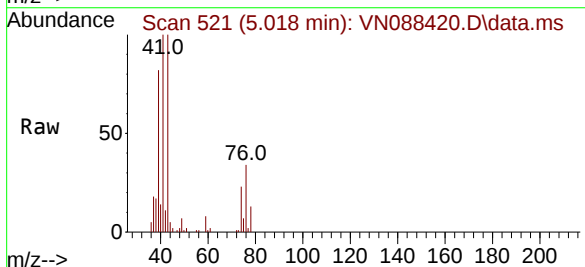
Tgt Ion: 41 Resp: 119450

Ion Ratio Lower Upper

41 100

39 81.3 64.7 97.1

76 35.6 29.1 43.7

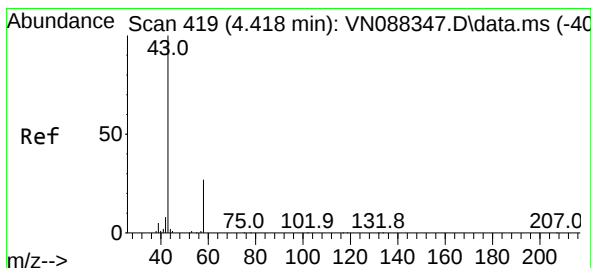
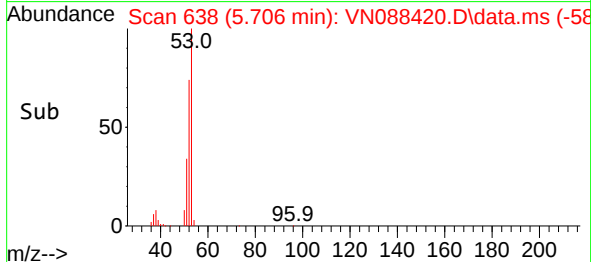
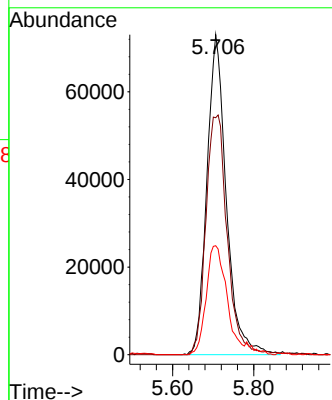
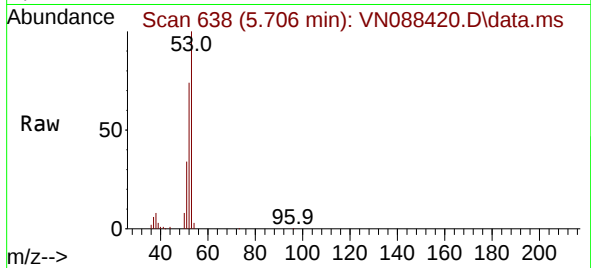




#15
Acrylonitrile
Concen: 114.390 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

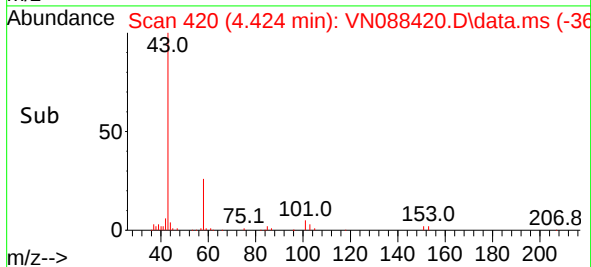
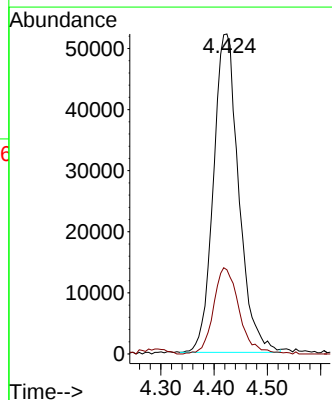
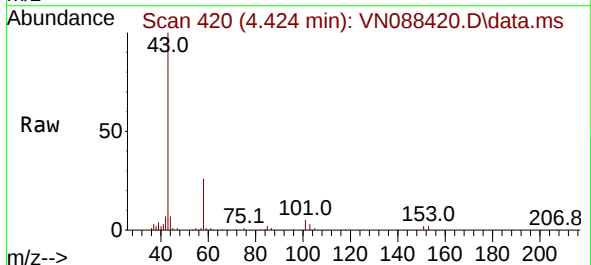
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

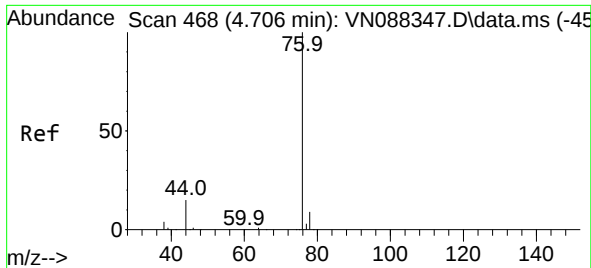
Tgt Ion: 53 Resp: 241990
Ion Ratio Lower Upper
53 100
52 81.7 67.8 101.6
51 36.0 29.8 44.8



#16
Acetone
Concen: 103.762 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 43 Resp: 172337
Ion Ratio Lower Upper
43 100
58 26.5 21.7 32.5

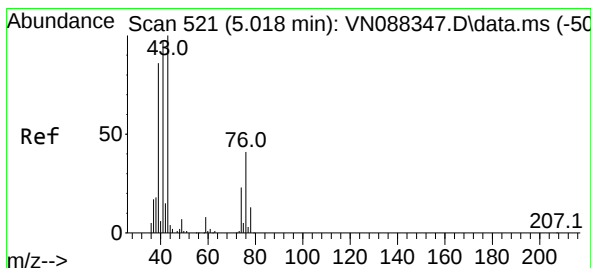
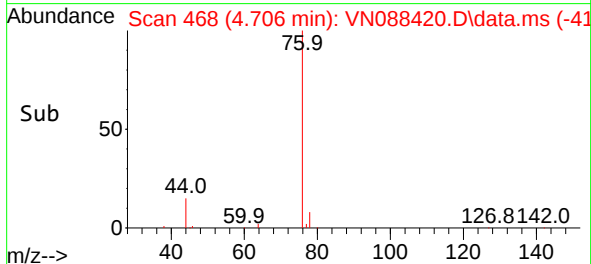
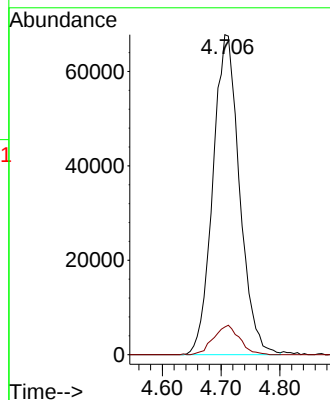
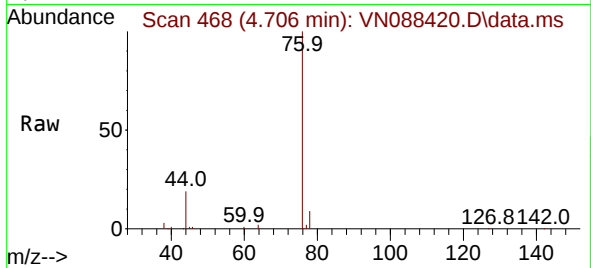




#17
Carbon Disulfide
Concen: 21.966 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

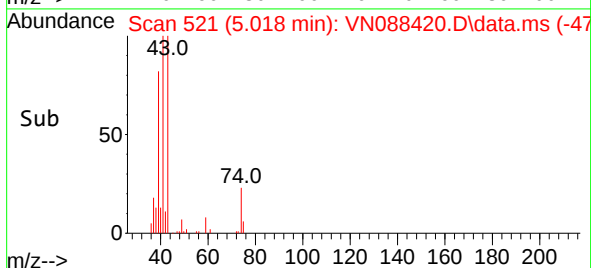
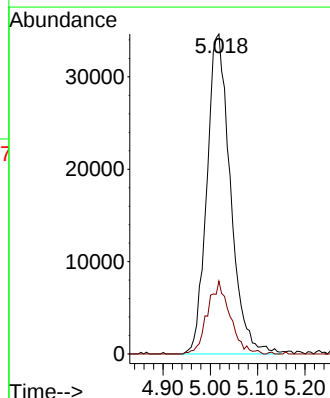
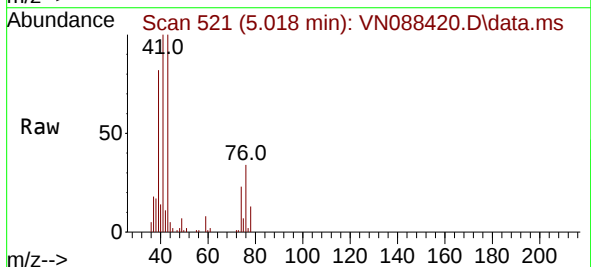
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

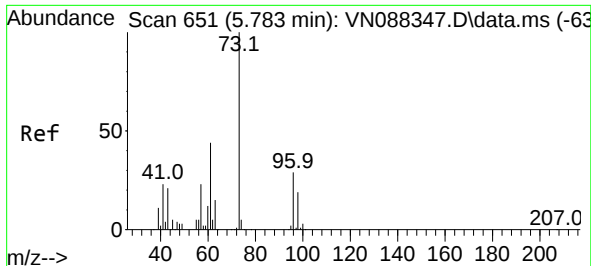
Tgt Ion: 76 Resp: 213496
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 24.199 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 43 Resp: 119640
Ion Ratio Lower Upper
43 100
74 21.9 17.9 26.9

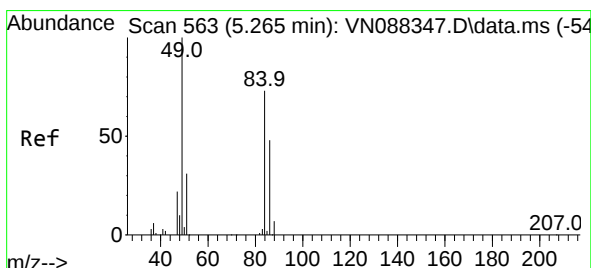
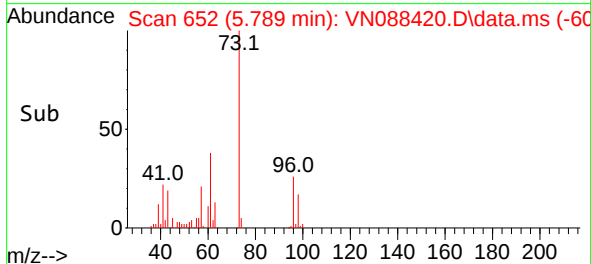
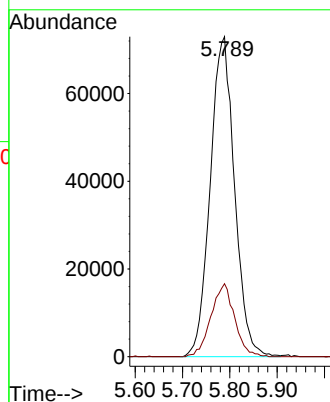
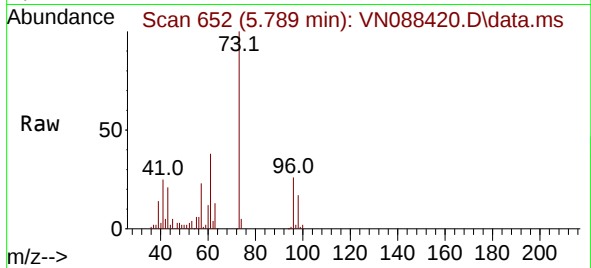




#19
Methyl tert-butyl Ether
Concen: 23.341 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

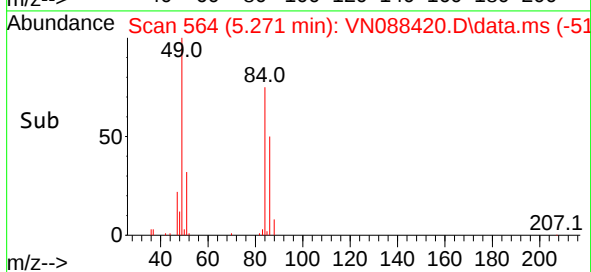
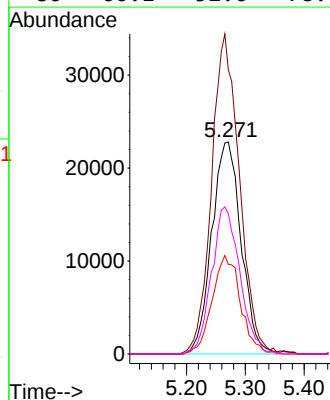
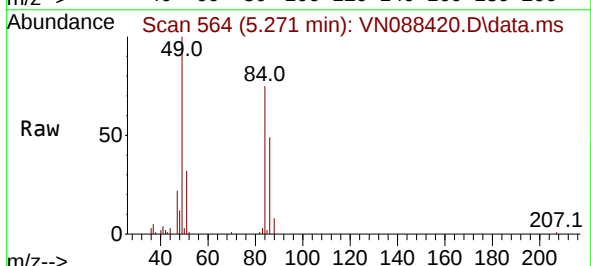
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

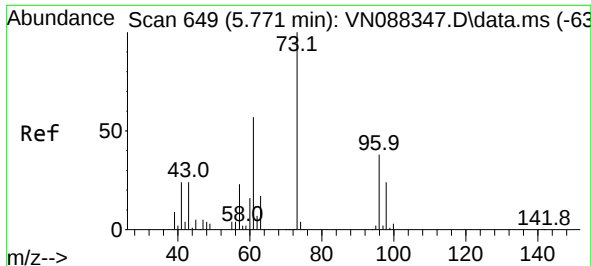
Tgt Ion: 73 Resp: 260101
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 22.284 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 84 Resp: 79186
Ion Ratio Lower Upper
84 100
49 134.0 110.2 165.2
51 42.3 34.1 51.1
86 66.1 52.6 78.8

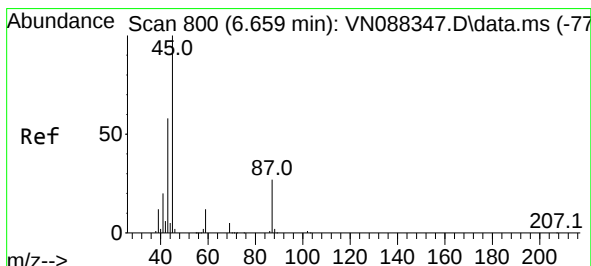
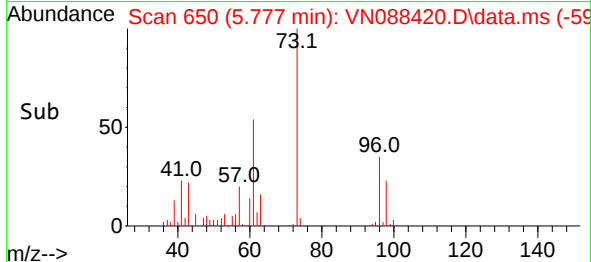
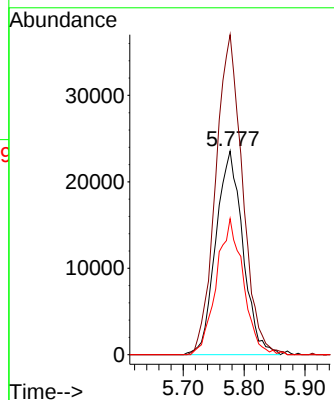
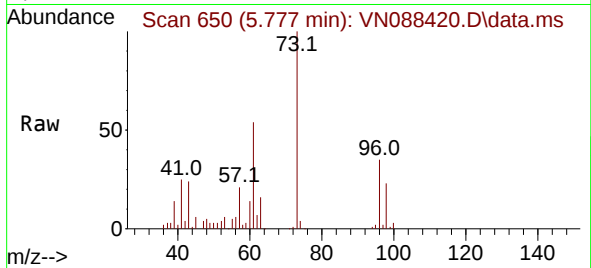




#21
trans-1,2-Dichloroethene
Concen: 22.084 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

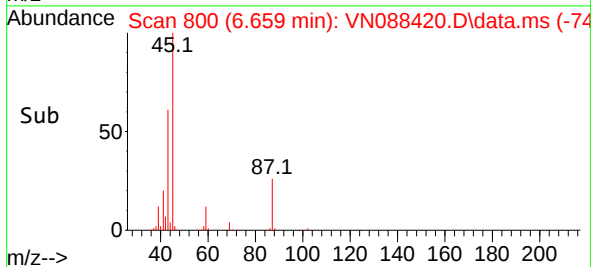
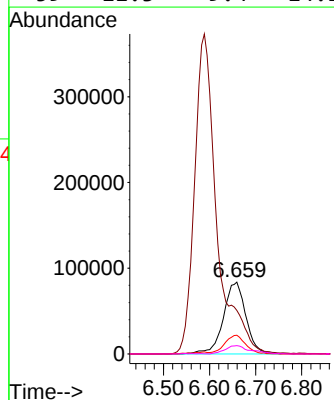
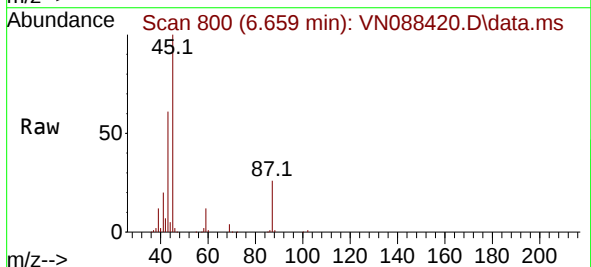
Instrument :
MSVOA_N
ClientSampleId :
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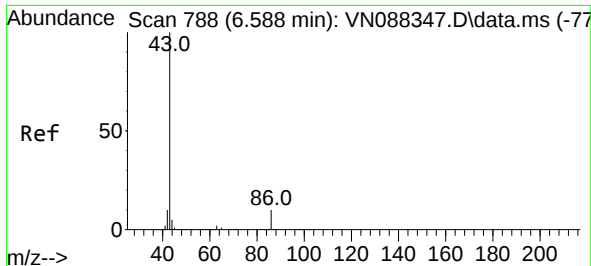
Tgt Ion: 96 Resp: 72762
Ion Ratio Lower Upper
96 100
61 157.1 122.4 183.6
98 66.8 50.9 76.3



#22
Diisopropyl ether
Concen: 24.018 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 45 Resp: 282684
Ion Ratio Lower Upper
45 100
43 59.3 47.4 71.2
87 26.1 21.9 32.9
59 11.3 9.4 14.2

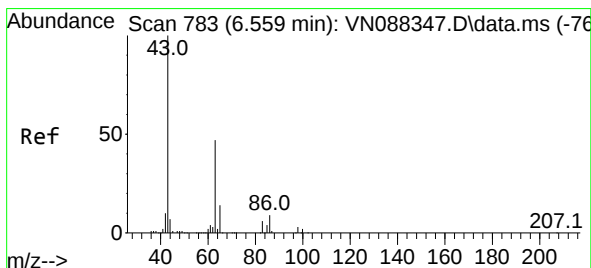
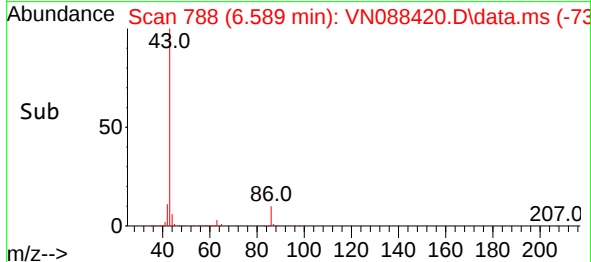
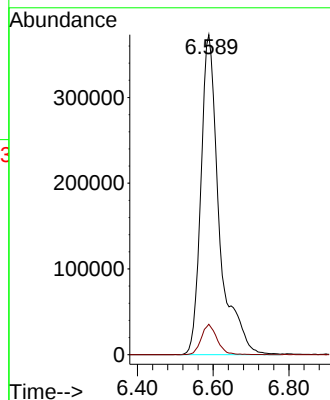
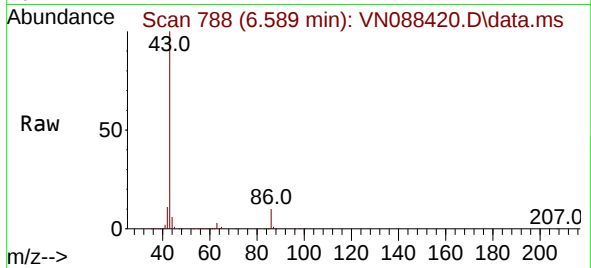




#23
 Vinyl Acetate
 Concen: 132.133 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

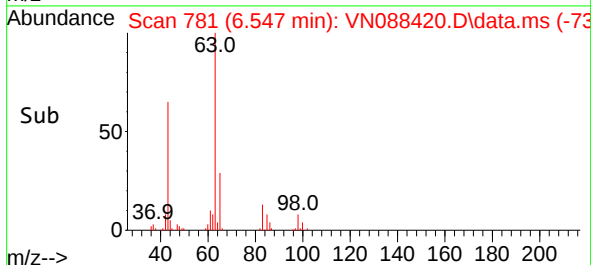
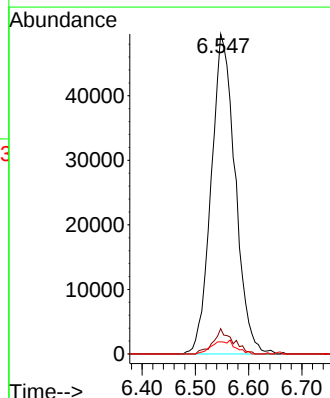
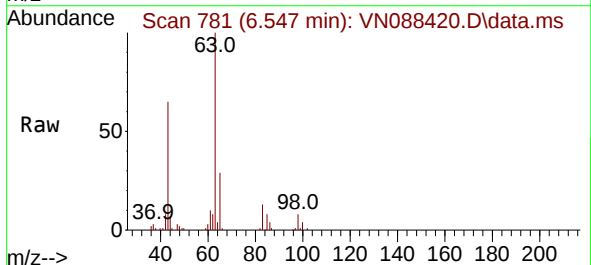
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02

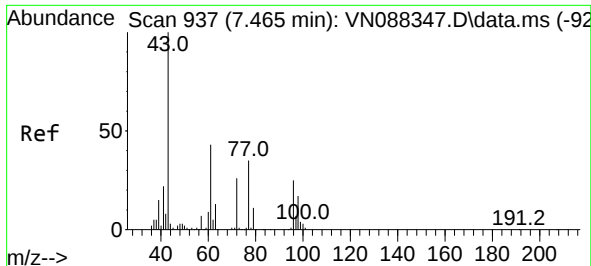
Tgt Ion: 43 Resp: 1252949
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 23.252 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

Tgt Ion: 63 Resp: 154978
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.2
 100 3.8 1.9 5.7

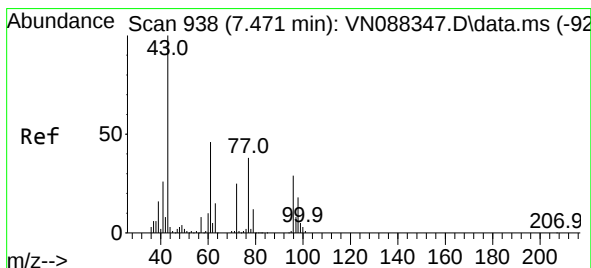
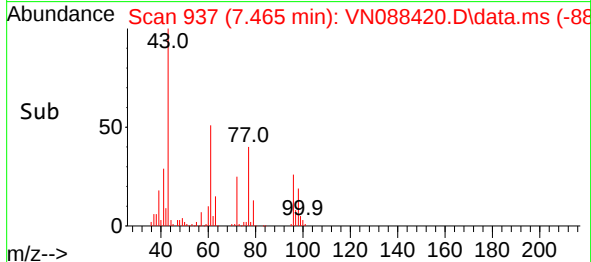
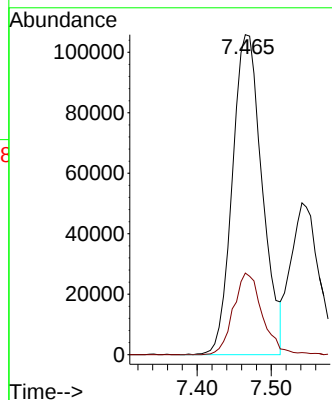
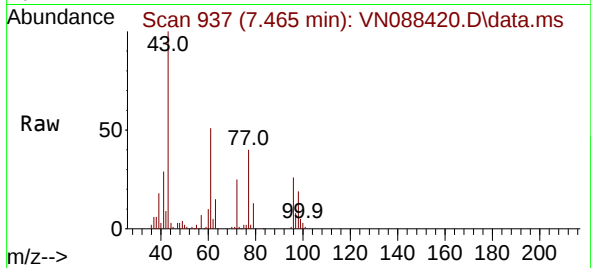




#25
2-Butanone
Concen: 110.958 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

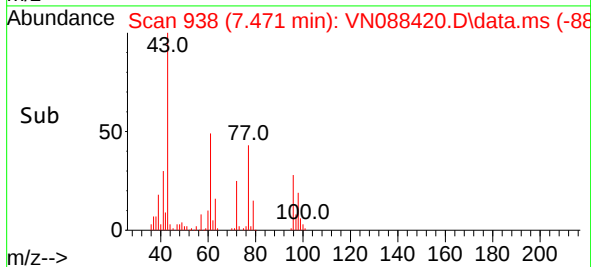
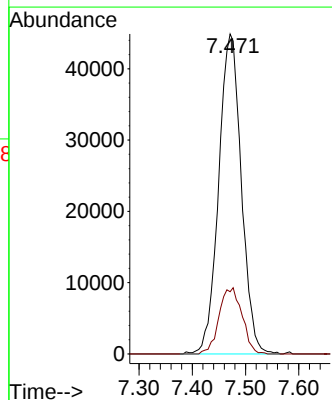
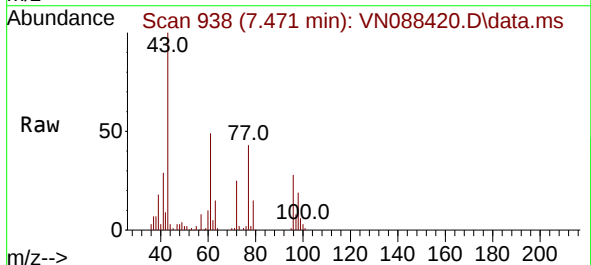
Instrument :
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ClientSampleId :
VN1203WBS02

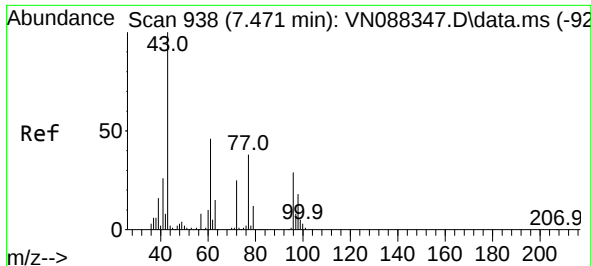
Tgt Ion: 43 Resp: 296266
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 23.048 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 77 Resp: 132597
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9

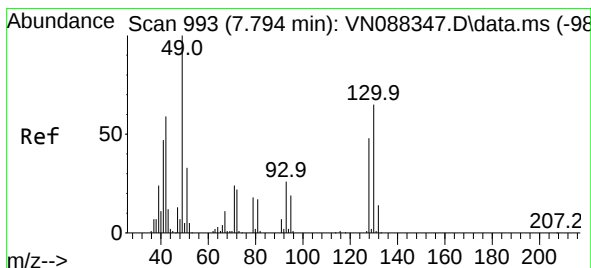
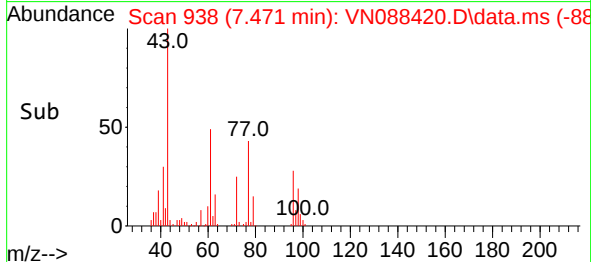
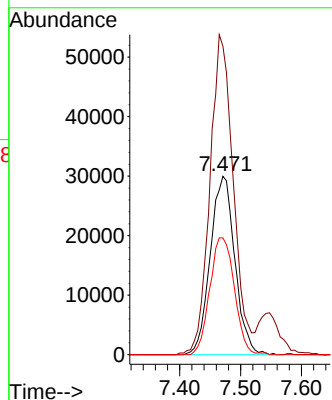
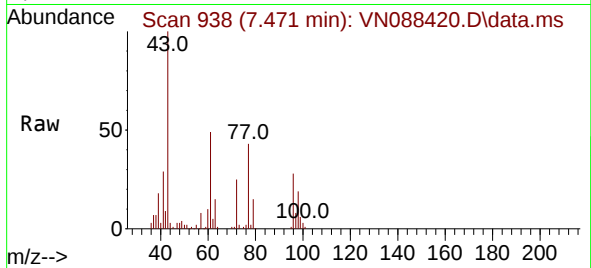




#27
 cis-1,2-Dichloroethene
 Concen: 21.989 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

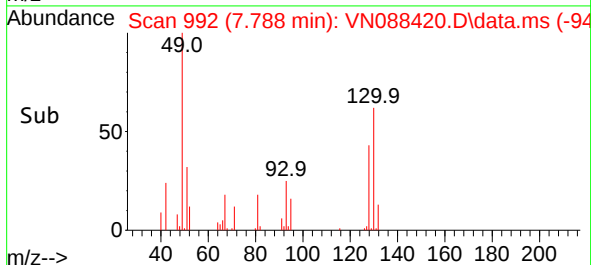
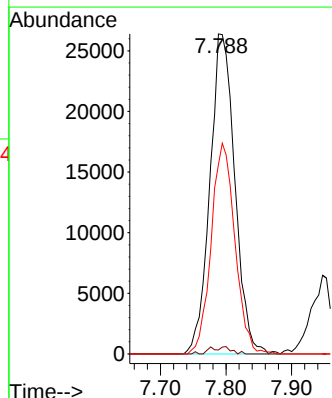
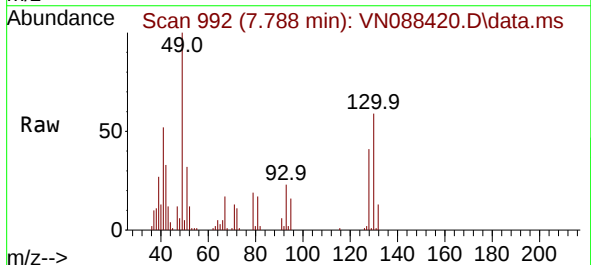
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02

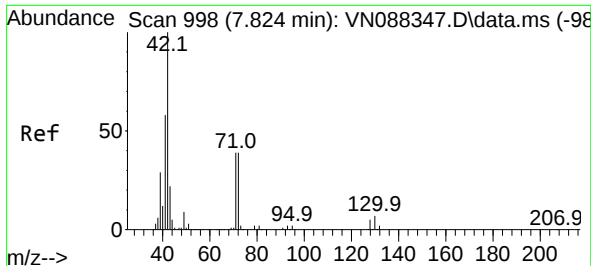
Tgt Ion: 96 Resp: 84198
 Ion Ratio Lower Upper
 96 100
 61 169.5 0.0 323.6
 98 65.5 0.0 127.2



#28
 Bromochloromethane
 Concen: 20.976 ug/l
 RT: 7.788 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

Tgt Ion: 49 Resp: 69647
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 62.6 51.1 76.7

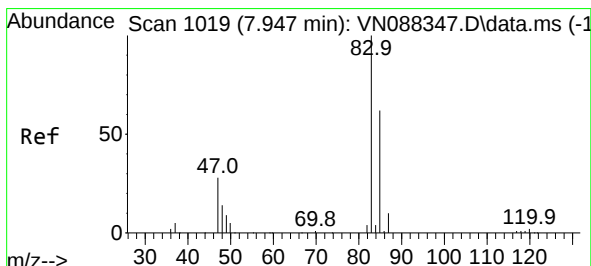
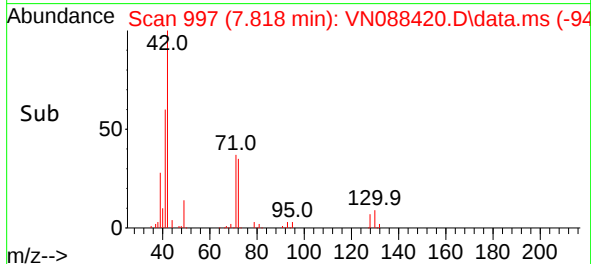
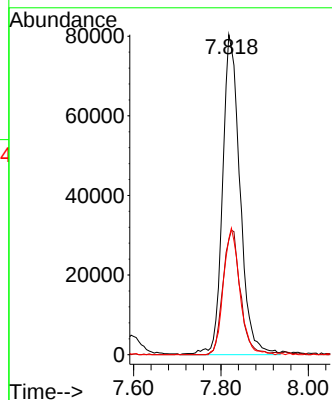
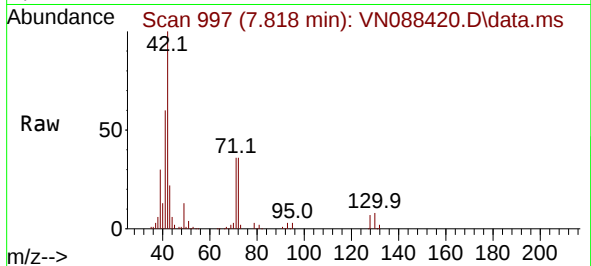




#29
Tetrahydrofuran
Concen: 115.894 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

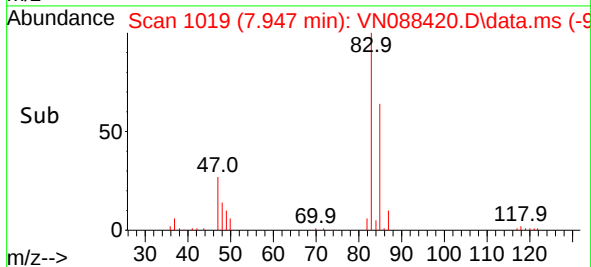
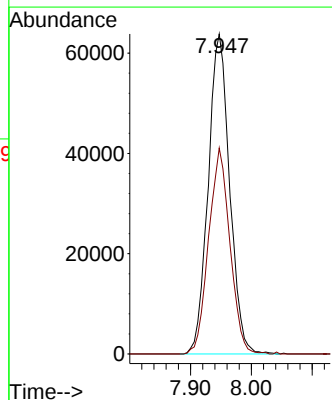
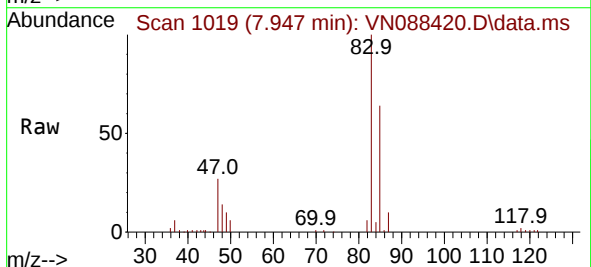
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

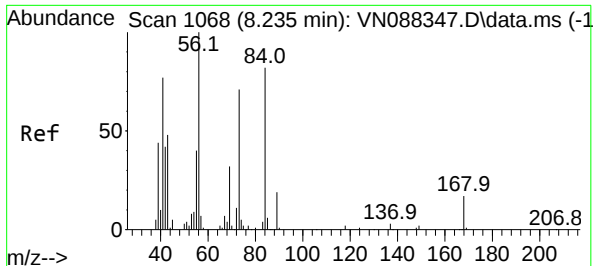
Tgt Ion: 42 Resp: 221957
Ion Ratio Lower Upper
42 100
72 38.6 32.2 48.4
71 37.4 31.1 46.7



#30
Chloroform
Concen: 23.802 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 83 Resp: 155883
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.8





#31

Cyclohexane

Concen: 22.136 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

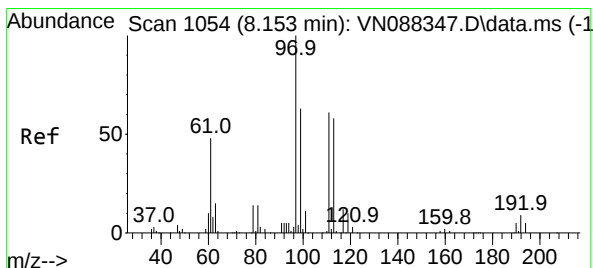
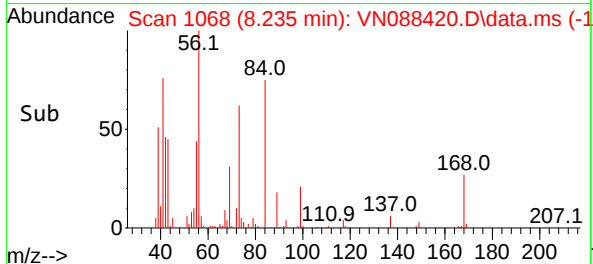
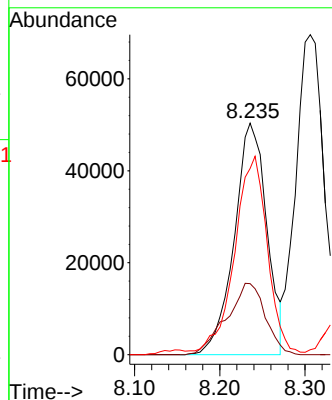
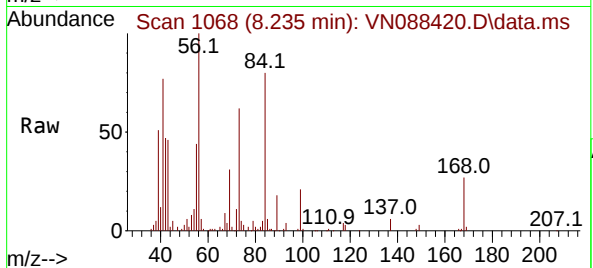
Tgt Ion: 56 Resp: 133701

Ion Ratio Lower Upper

56 100

69 30.7 25.3 37.9

84 78.5 65.4 98.2



#32

1,1,1-Trichloroethane

Concen: 22.972 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

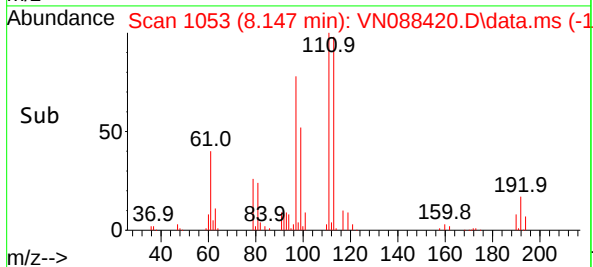
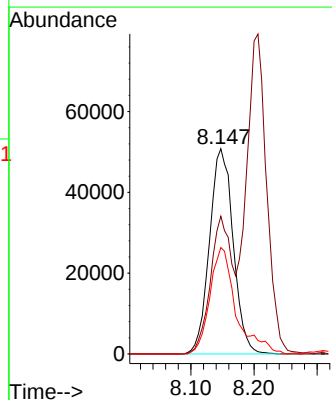
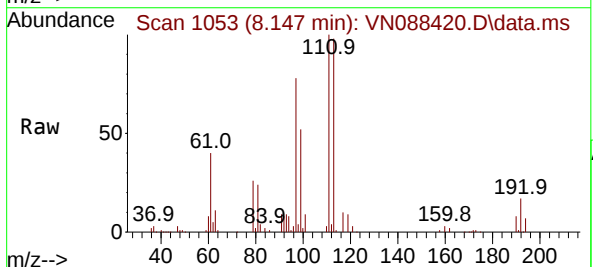
Tgt Ion: 97 Resp: 132281

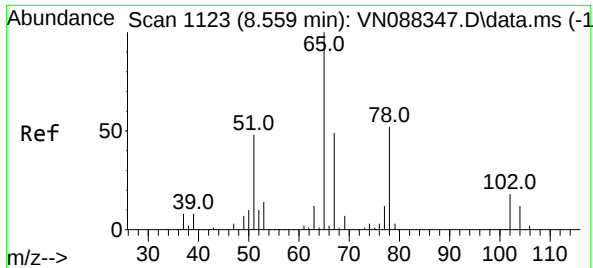
Ion Ratio Lower Upper

97 100

99 61.1 50.8 76.2

61 57.3 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 50.917 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

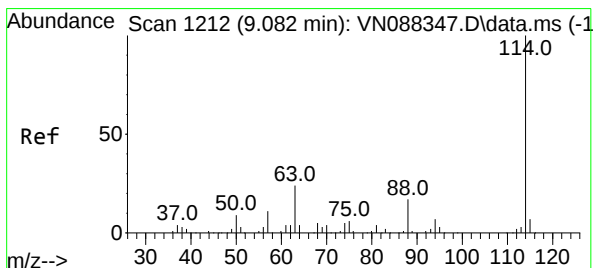
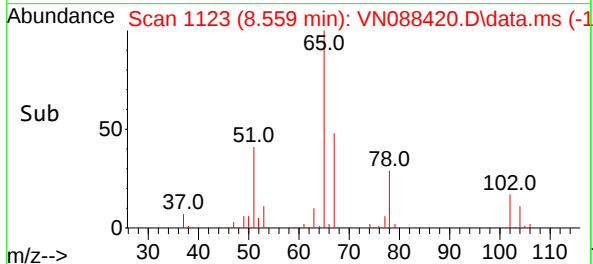
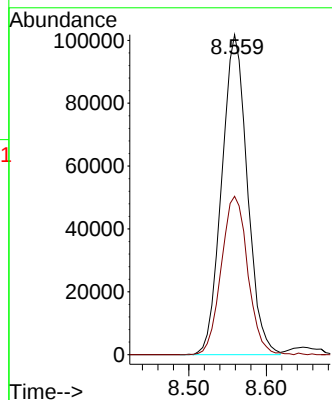
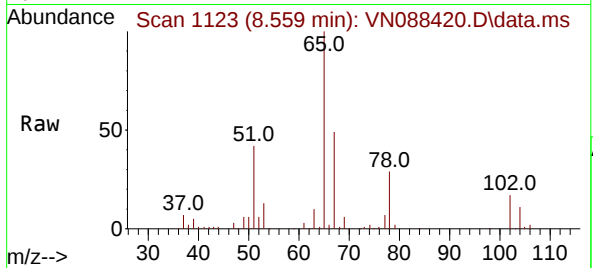
VN1203WBS02

Tgt Ion: 65 Resp: 233836

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

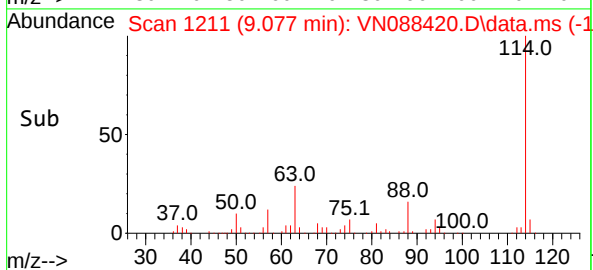
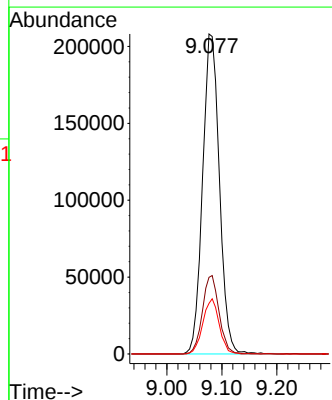
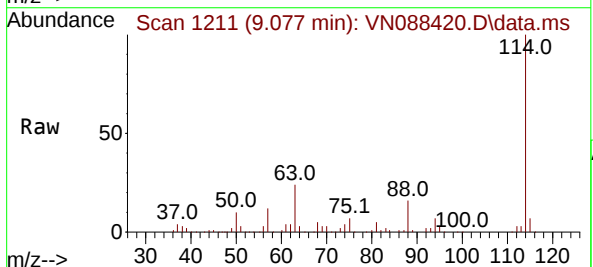
Tgt Ion: 114 Resp: 441855

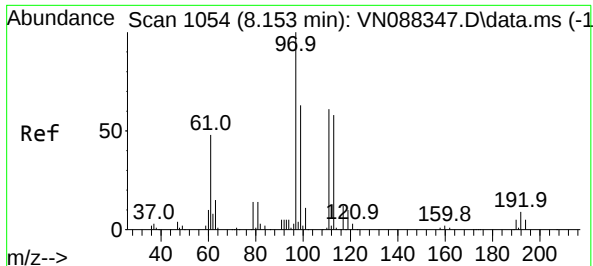
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.0

88 15.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.479 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

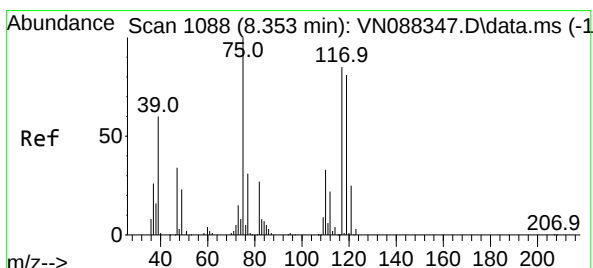
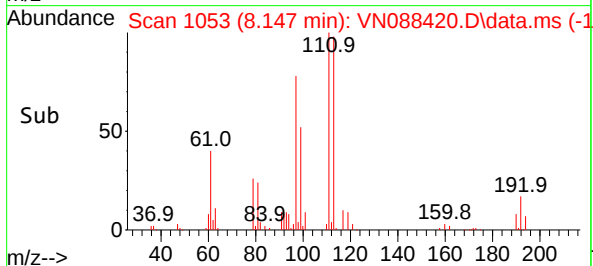
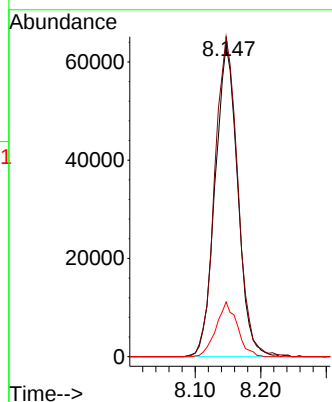
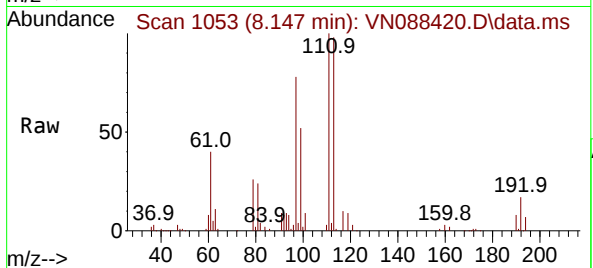
Tgt Ion:113 Resp: 151508

Ion Ratio Lower Upper

113 100

111 104.5 82.5 123.7

192 16.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 22.068 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

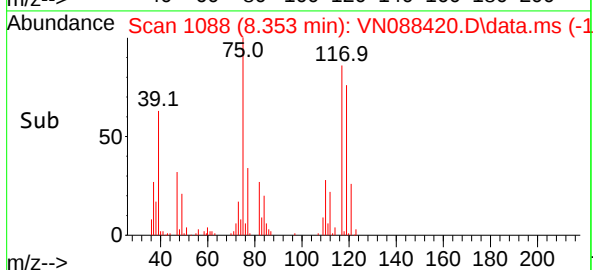
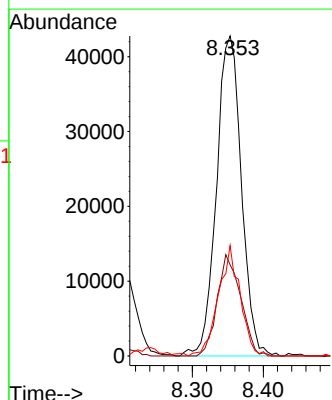
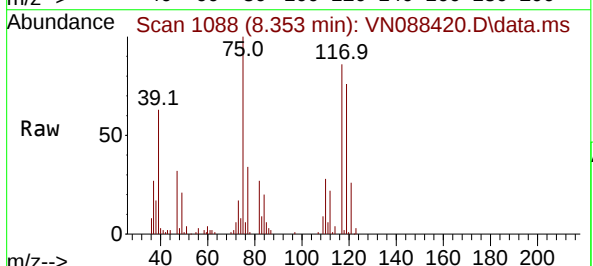
Tgt Ion: 75 Resp: 104286

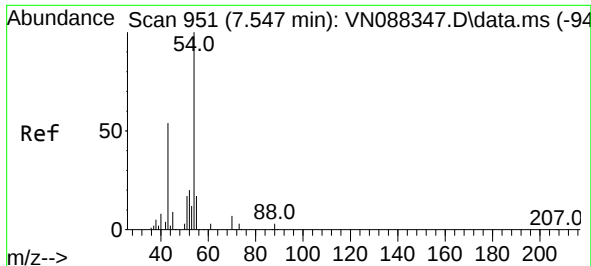
Ion Ratio Lower Upper

75 100

110 29.9 15.8 47.4

77 29.9 24.2 36.2

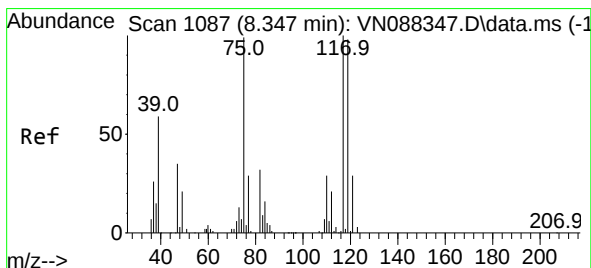
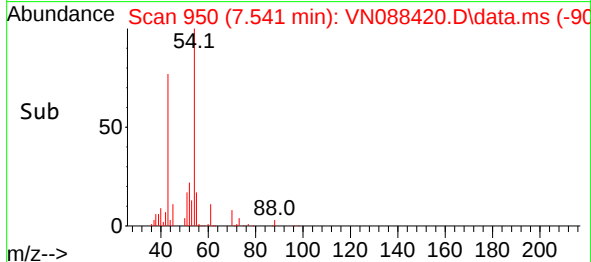
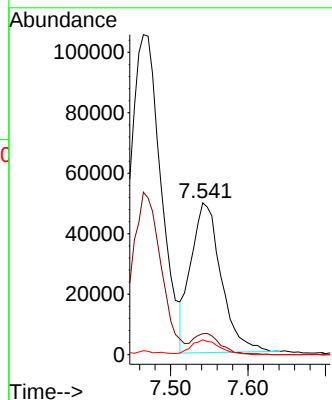
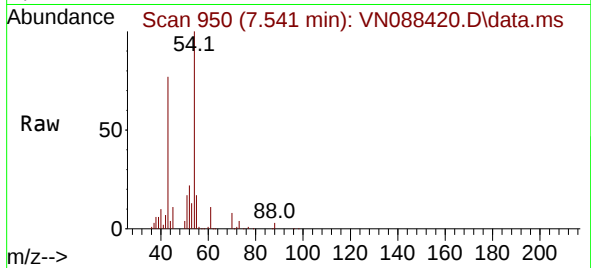




#37
Ethyl Acetate
Concen: 21.611 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

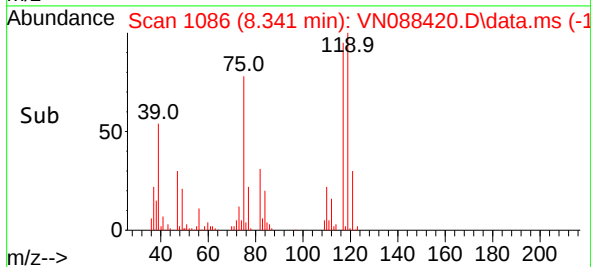
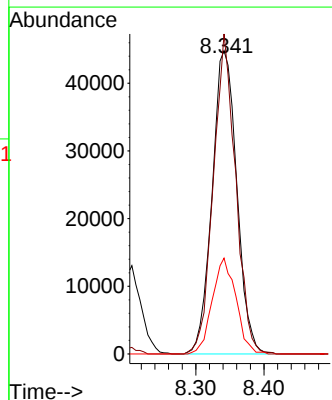
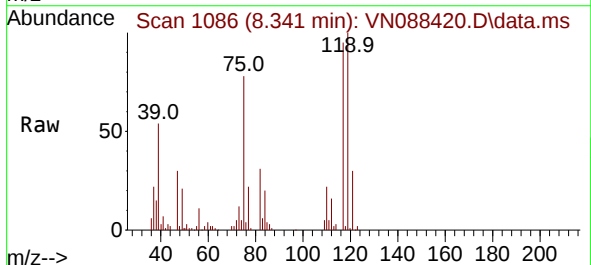
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

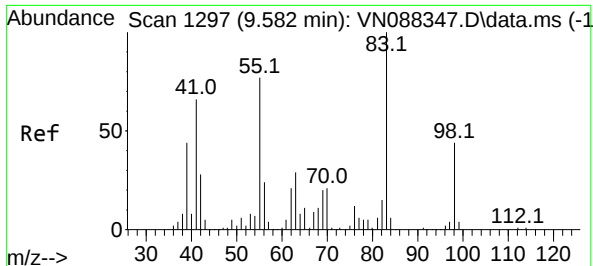
Tgt Ion: 43 Resp: 134284
Ion Ratio Lower Upper
43 100
61 13.4 9.5 14.3
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 24.012 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 117 Resp: 112964
Ion Ratio Lower Upper
117 100
119 105.5 78.2 117.4
121 31.6 23.4 35.2

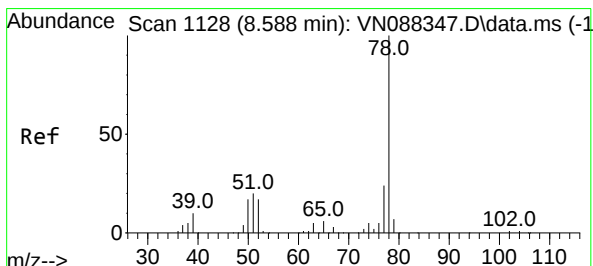
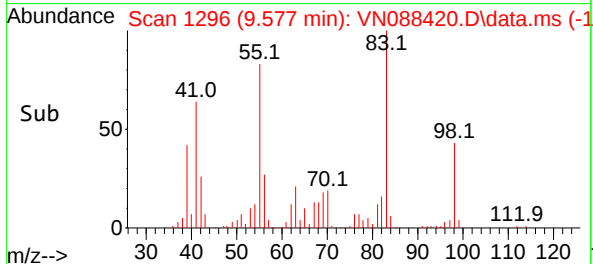
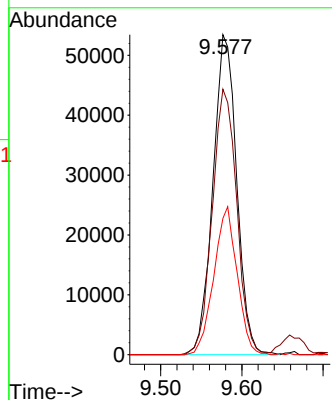
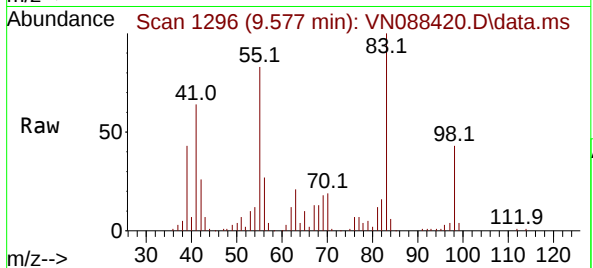




#39
Methylcyclohexane
Concen: 21.481 ug/l
RT: 9.577 min Scan# 11296
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

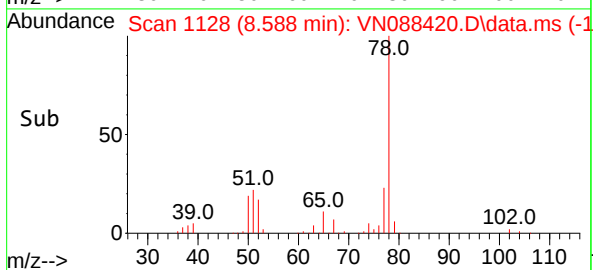
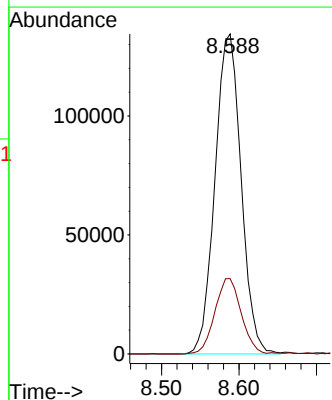
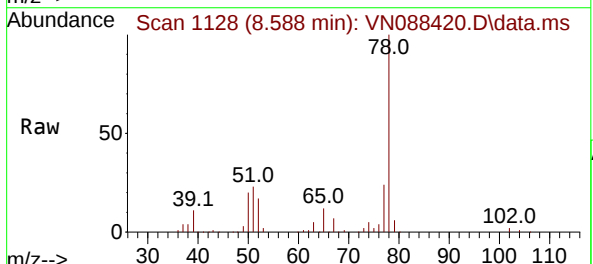
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

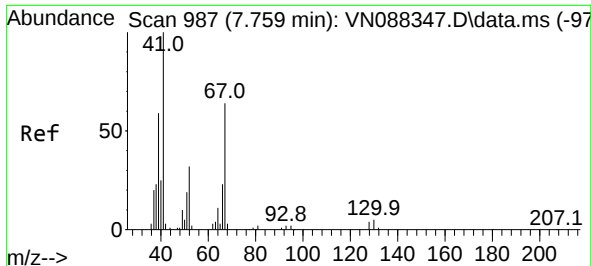
Tgt Ion: 83 Resp: 108582
Ion Ratio Lower Upper
83 100
55 83.0 61.6 92.4
98 42.6 35.3 52.9



#40
Benzene
Concen: 22.714 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 78 Resp: 315045
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

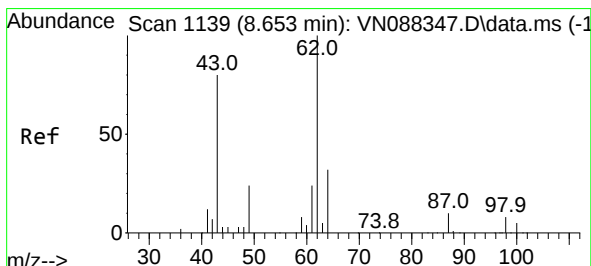
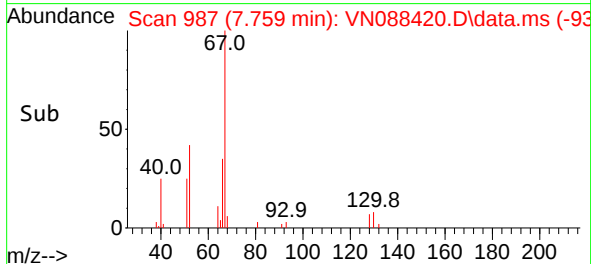
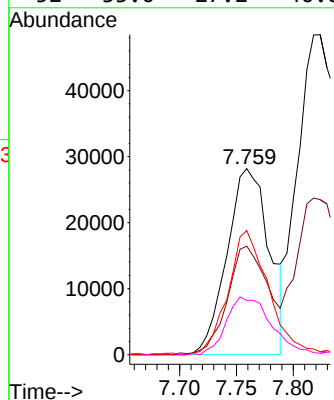
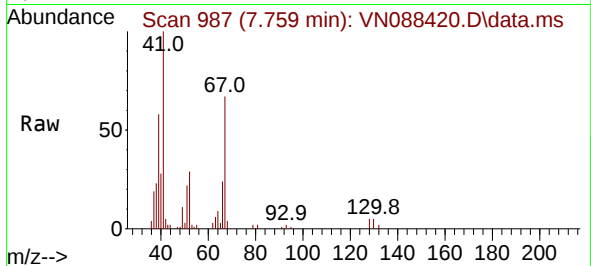




#41
Methacrylonitrile
Concen: 23.739 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

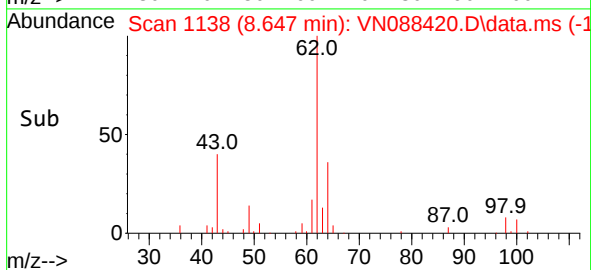
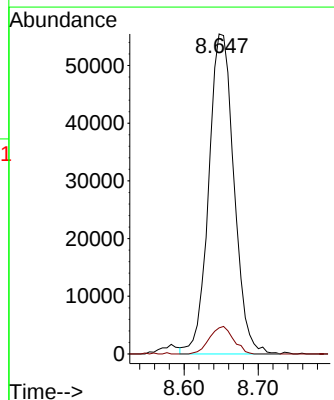
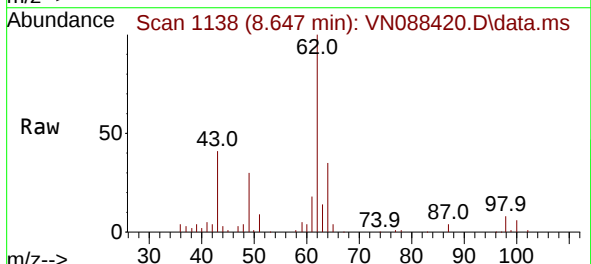
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

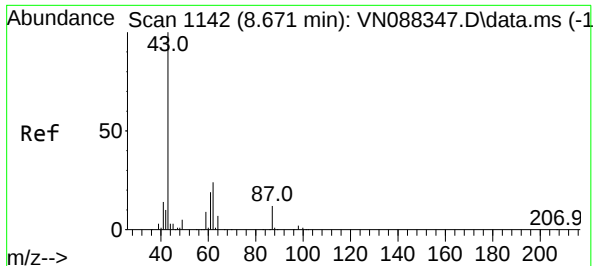
Tgt Ion:	41	Resp:	73059
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.3	69.5
67	64.8	54.7	82.1
52	33.0	27.2	40.8



#42
1,2-Dichloroethane
Concen: 24.825 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:	62	Resp:	131369
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 22.974 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

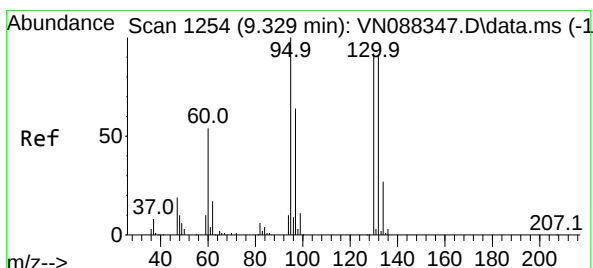
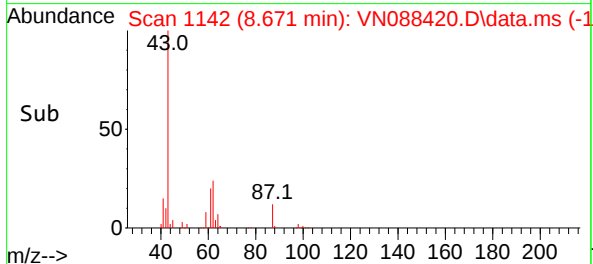
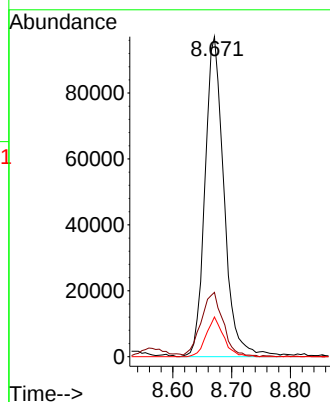
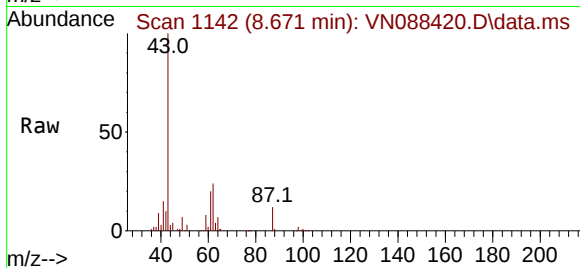
Tgt Ion: 43 Resp: 218108

Ion Ratio Lower Upper

43 100

61 23.4 18.7 28.1

87 11.4 9.1 13.7



#44

Trichloroethene

Concen: 21.662 ug/l

RT: 9.330 min Scan# 1254

Delta R.T. 0.000 min

Lab File: VN088420.D

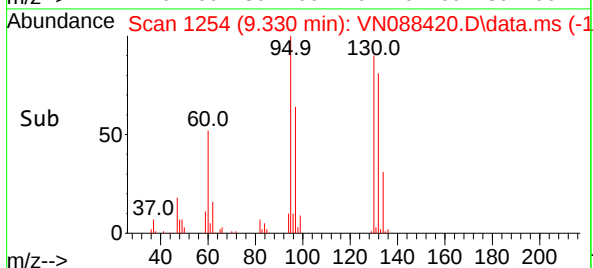
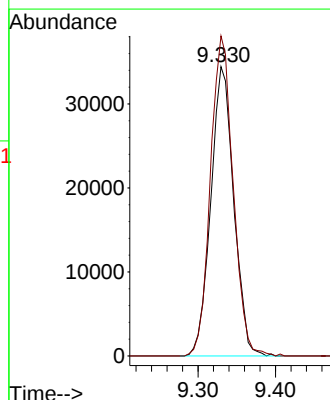
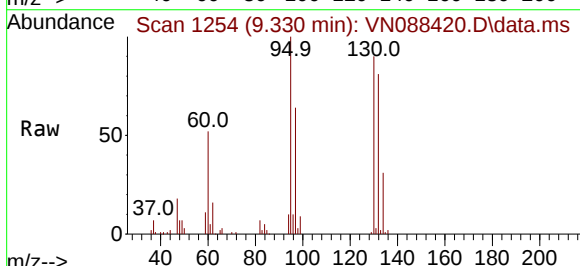
Acq: 03 Dec 2025 12:11

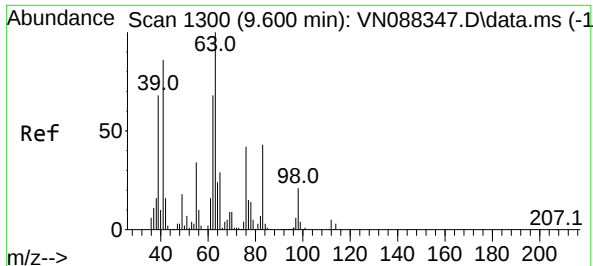
Tgt Ion:130 Resp: 70993

Ion Ratio Lower Upper

130 100

95 110.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 23.446 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

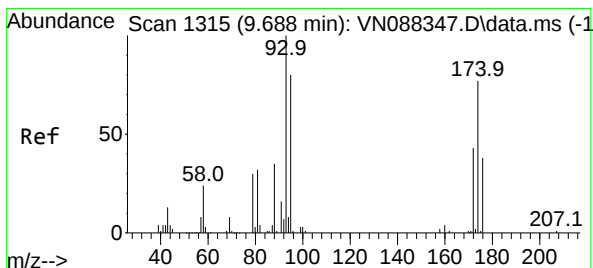
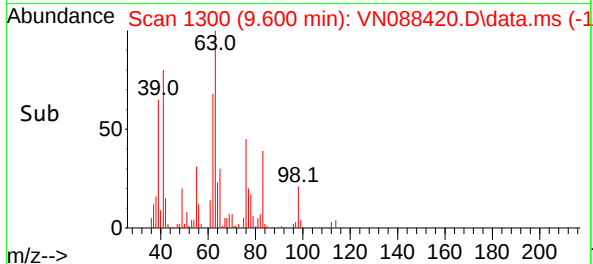
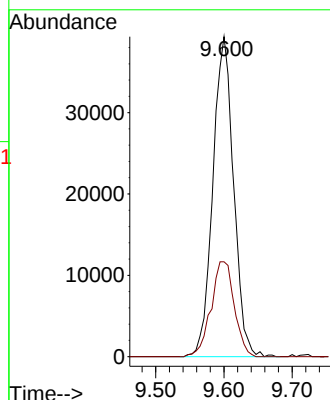
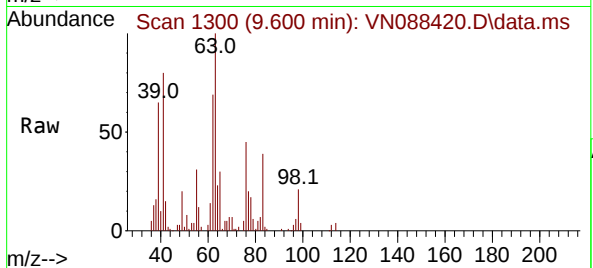
VN1203WBS02

Tgt Ion: 63 Resp: 83317

Ion Ratio Lower Upper

63 100

65 29.6 23.0 34.4



#46

Dibromomethane

Concen: 24.078 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

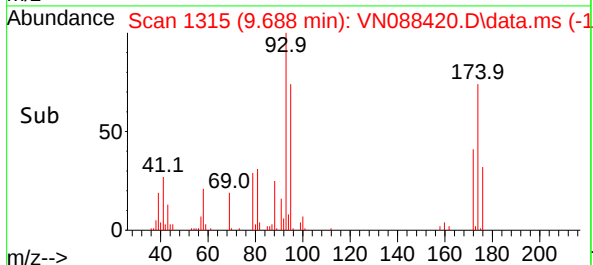
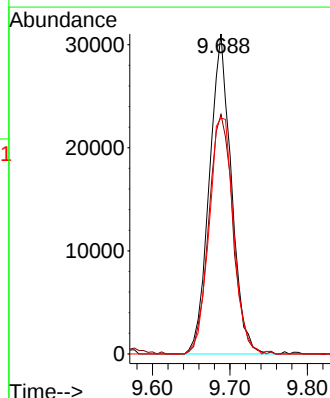
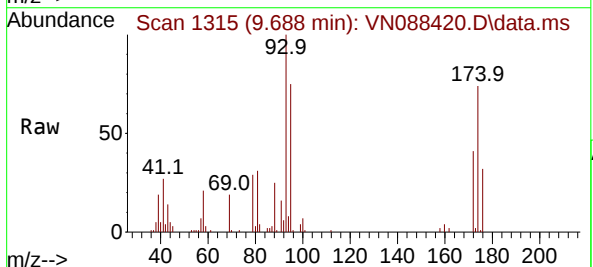
Tgt Ion: 93 Resp: 61063

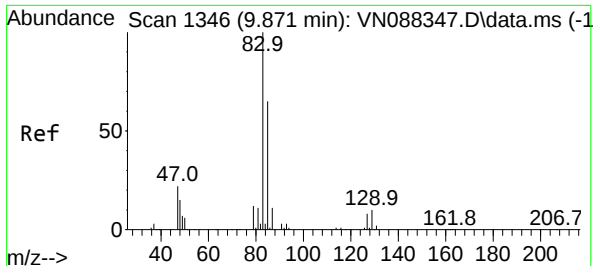
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 82.1 64.3 96.5





#47

Bromodichloromethane

Concen: 23.741 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

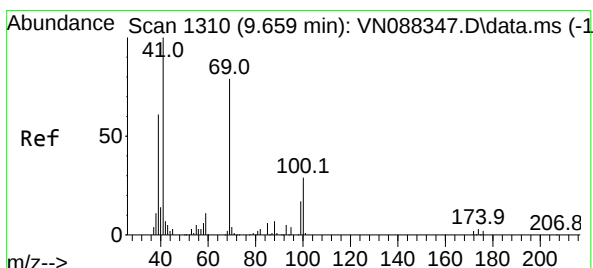
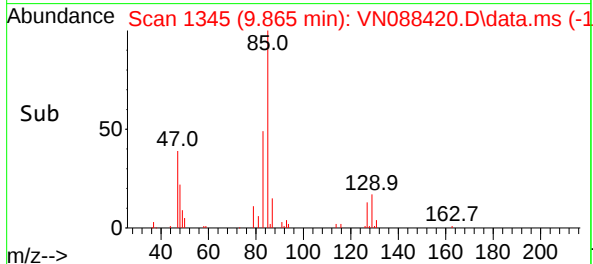
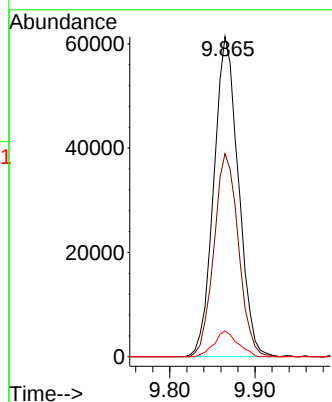
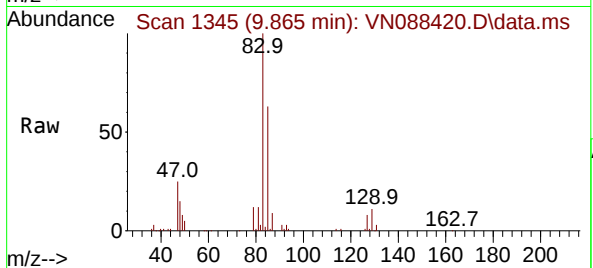
Tgt Ion: 83 Resp: 122848

Ion Ratio Lower Upper

83 100

85 63.5 51.9 77.9

127 8.1 6.3 9.5



#48

Methyl methacrylate

Concen: 23.008 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

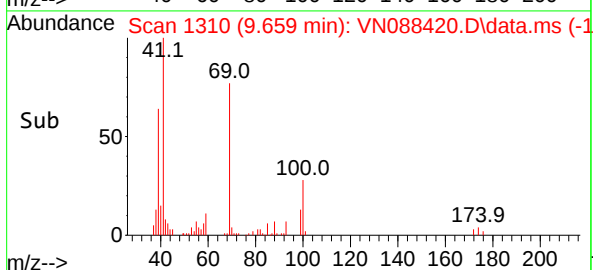
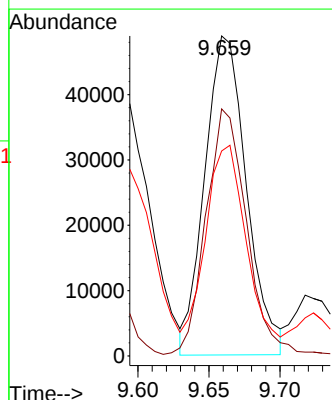
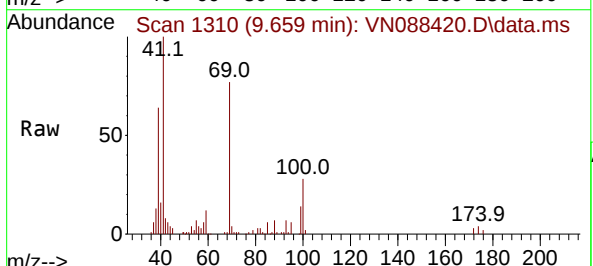
Tgt Ion: 41 Resp: 99664

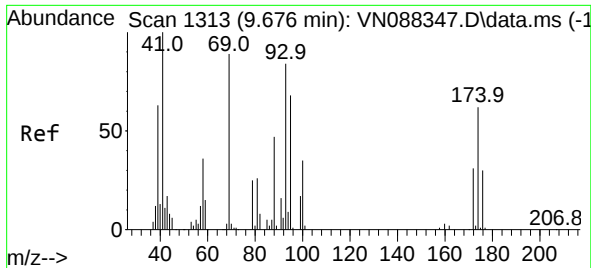
Ion Ratio Lower Upper

41 100

69 75.1 62.4 93.6

39 66.3 52.6 79.0

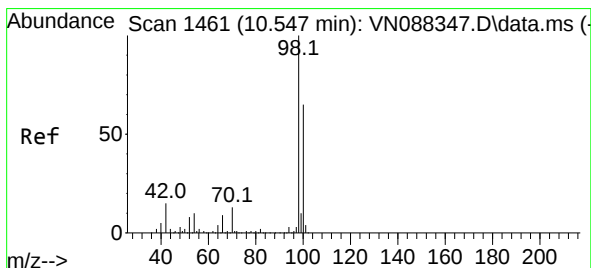
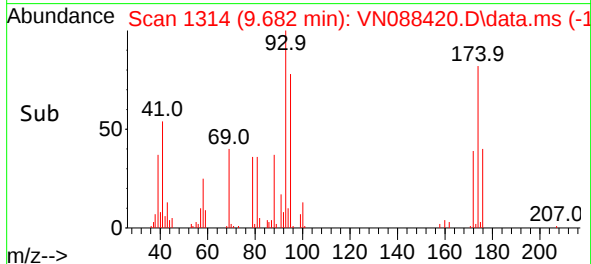
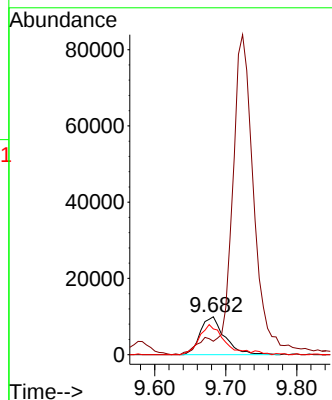
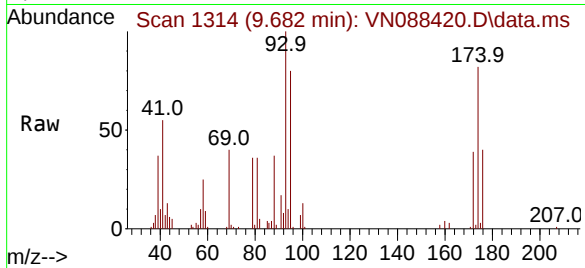




#49
1,4-Dioxane
Concen: 429.402 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

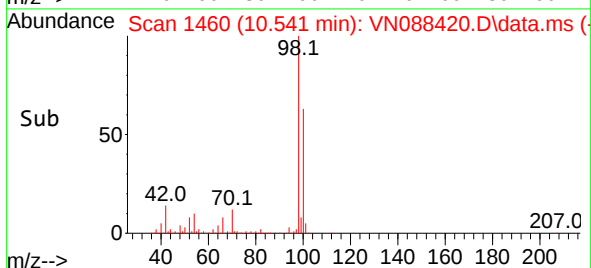
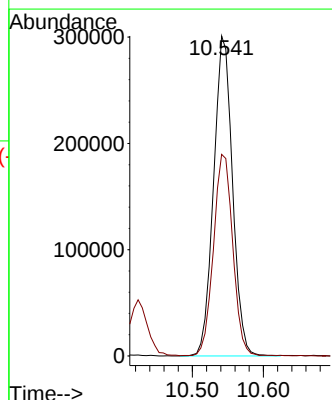
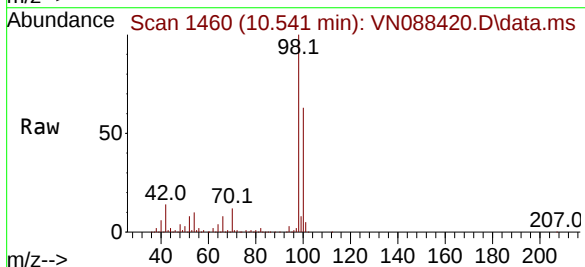
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

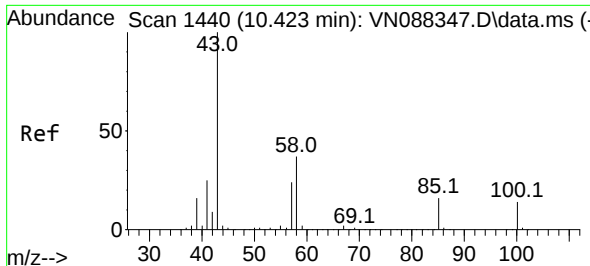
Tgt Ion: 88 Resp: 23655
Ion Ratio Lower Upper
88 100
43 32.4 0.0 0.0#
58 83.8 62.0 93.0



#50
Toluene-d8
Concen: 48.782 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 98 Resp: 555777
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

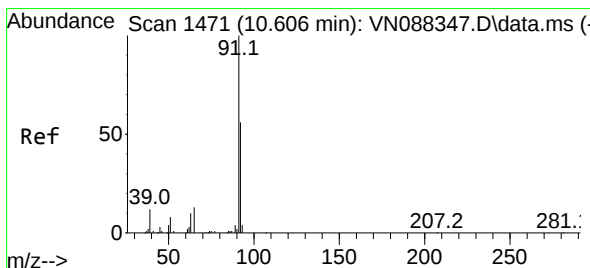
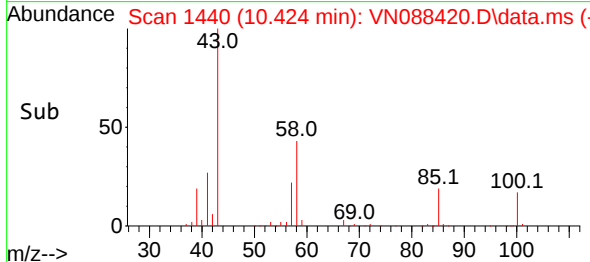
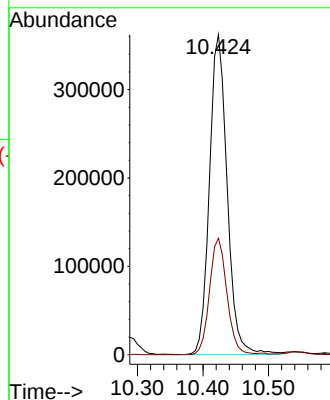
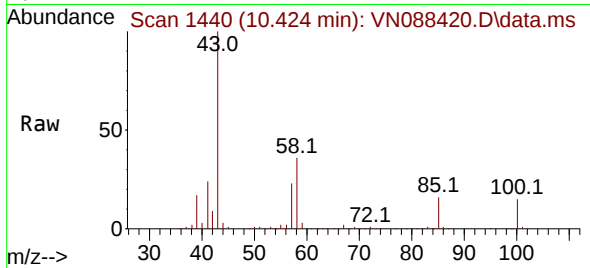




#51
4-Methyl-2-Pentanone
Concen: 121.427 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

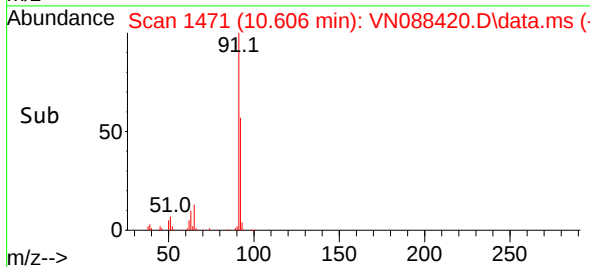
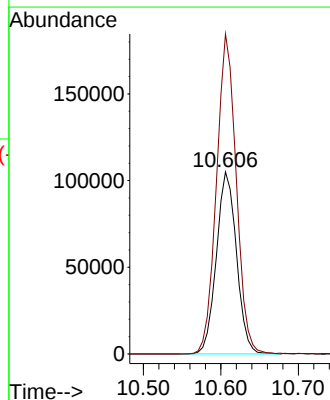
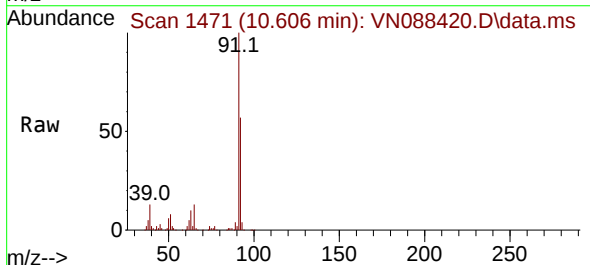
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

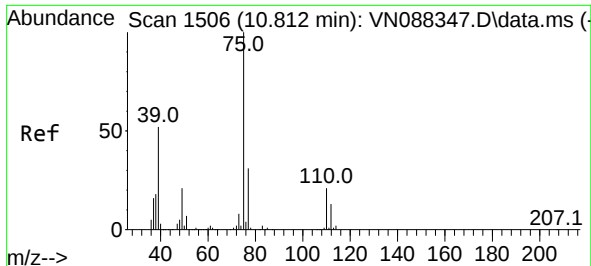
Tgt Ion: 43 Resp: 679502
Ion Ratio Lower Upper
43 100
58 35.7 29.1 43.7



#52
Toluene
Concen: 23.631 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 92 Resp: 189259
Ion Ratio Lower Upper
92 100
91 172.8 140.2 210.2

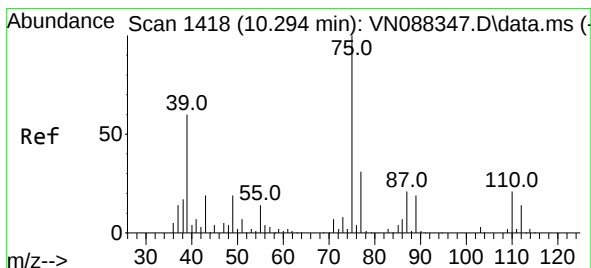
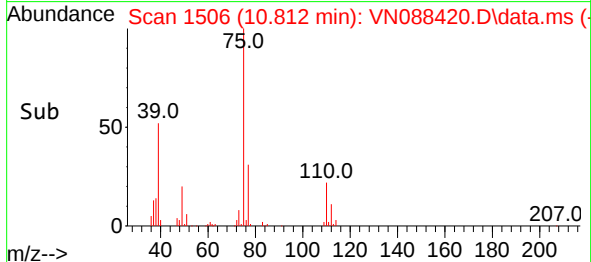
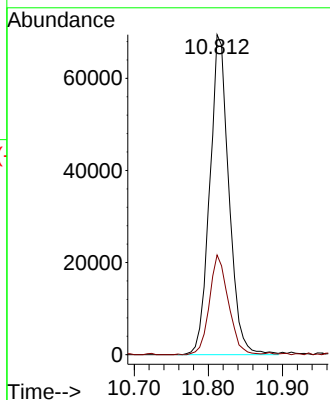
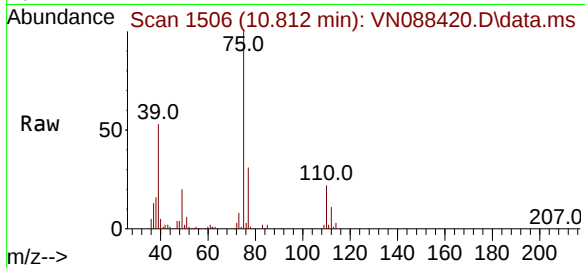




#53
t-1,3-Dichloropropene
Concen: 23.435 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

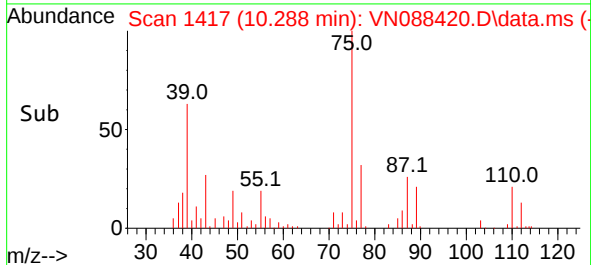
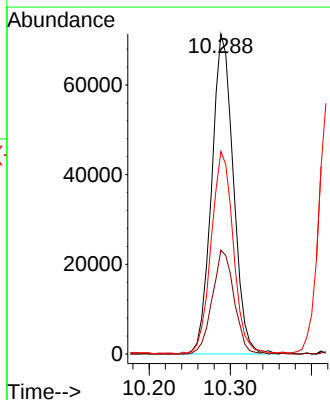
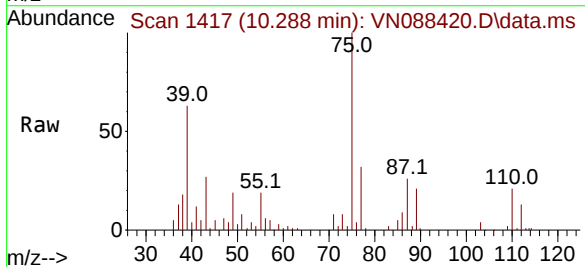
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

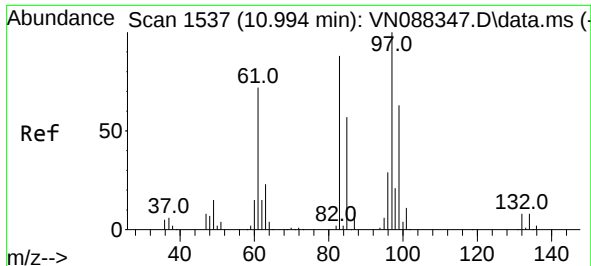
Tgt Ion: 75 Resp: 124472
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 23.757 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 75 Resp: 132698
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 63.2 48.3 72.5

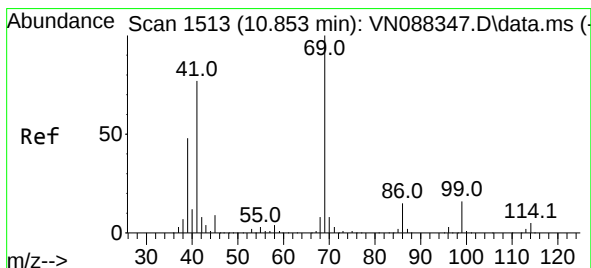
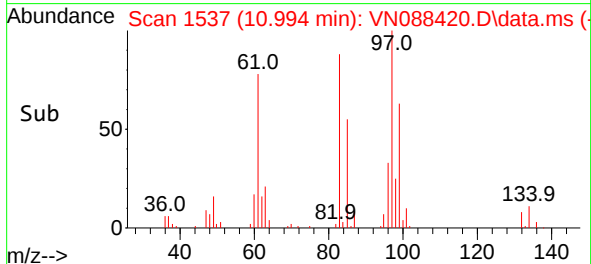
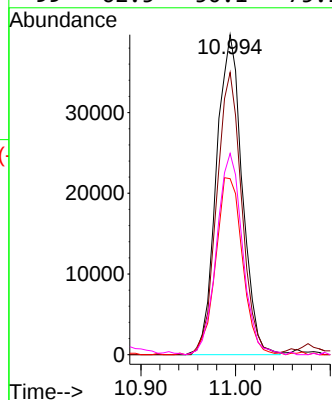
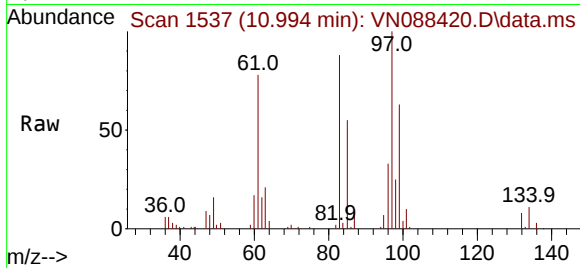




#55
1,1,2-Trichloroethane
Concen: 24.220 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

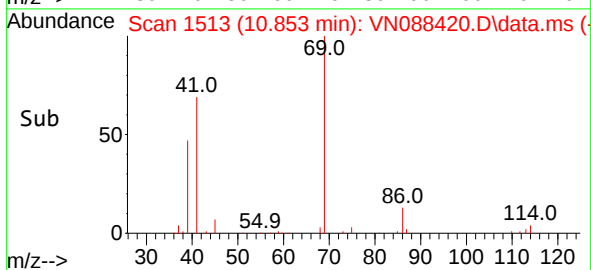
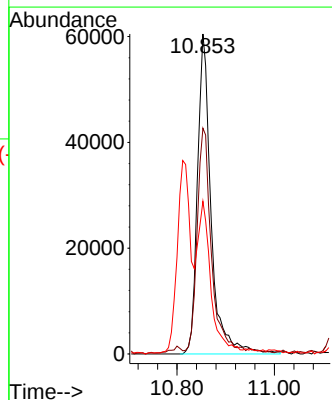
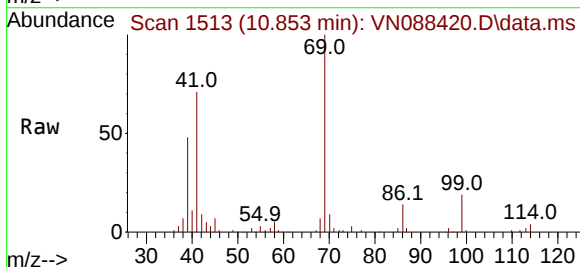
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

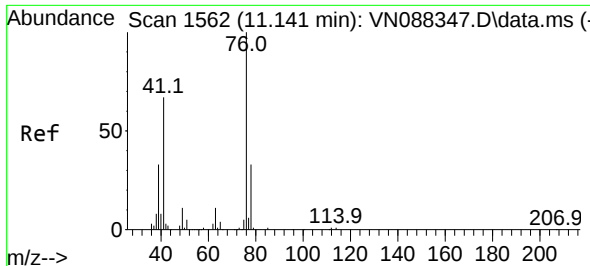
Tgt Ion: 97	Resp: 75047
Ion Ratio	Lower Upper
97 100	
83 88.2	70.4 105.6
85 54.5	45.4 68.2
99 62.5	50.1 75.1



#56
Ethyl methacrylate
Concen: 24.153 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 69	Resp: 118218
Ion Ratio	Lower Upper
69 100	
41 71.5	59.6 89.4
39 43.7	36.4 54.6





#57

1,3-Dichloropropane

Concen: 23.973 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

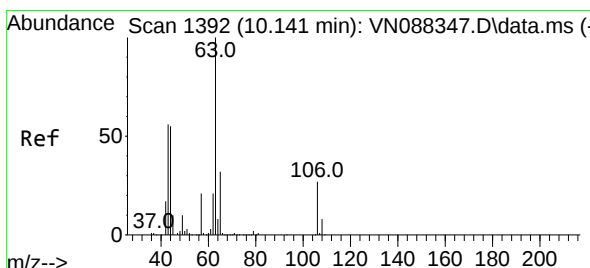
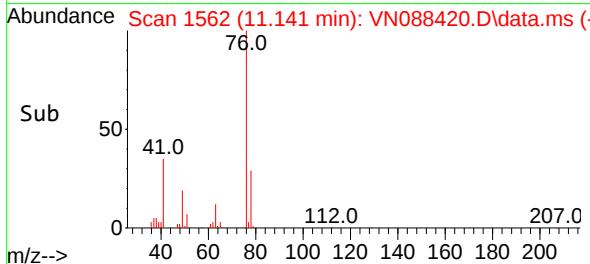
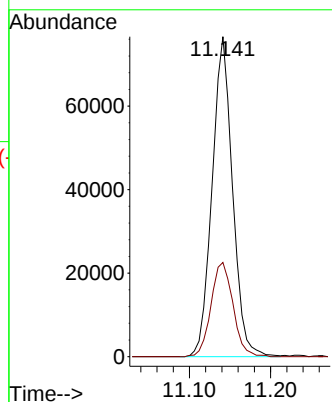
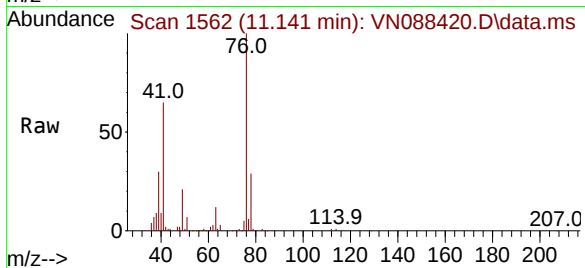
VN1203WBS02

Tgt Ion: 76 Resp: 134010

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.744 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088420.D

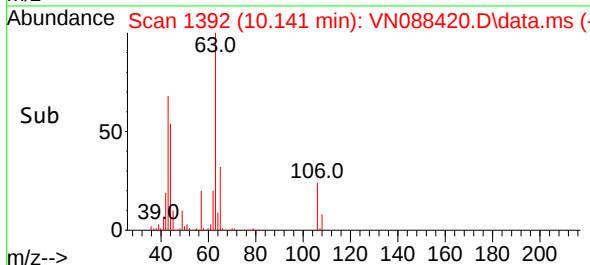
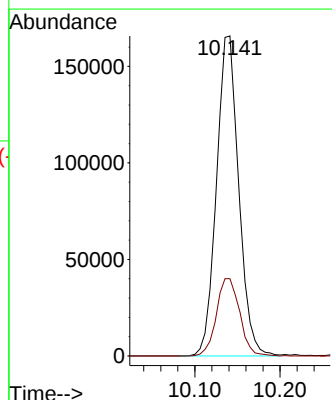
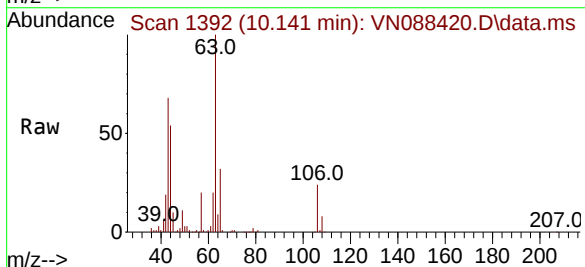
Acq: 03 Dec 2025 12:11

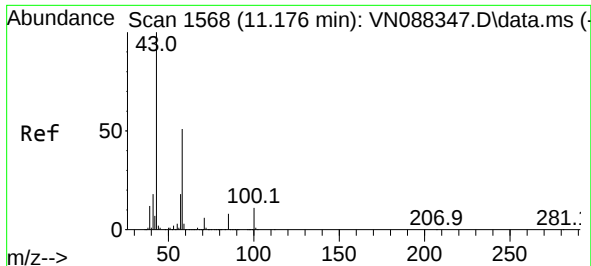
Tgt Ion: 63 Resp: 301210

Ion Ratio Lower Upper

63 100

106 25.3 20.5 30.7

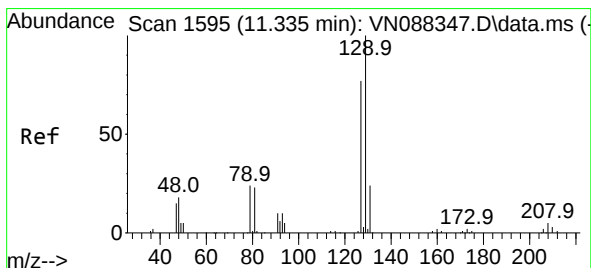
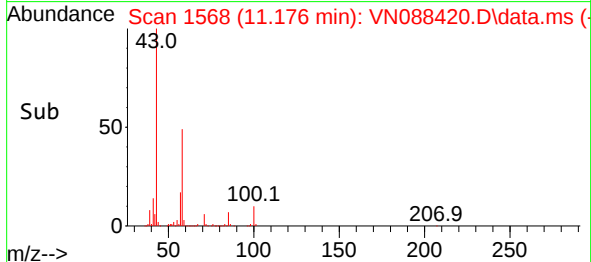
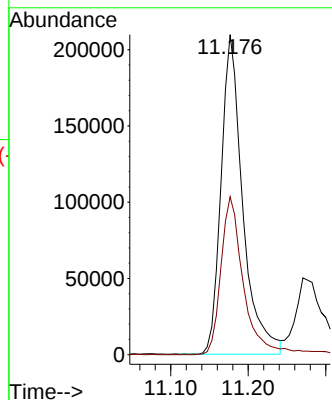
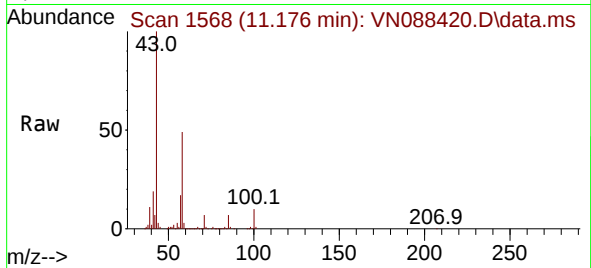




#59
2-Hexanone
Concen: 115.510 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

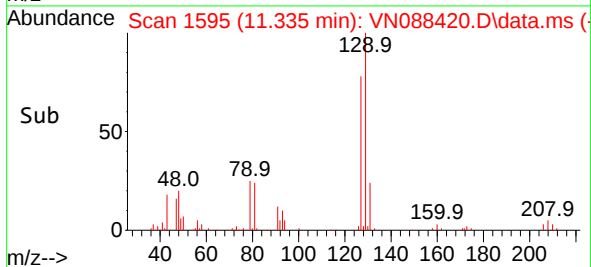
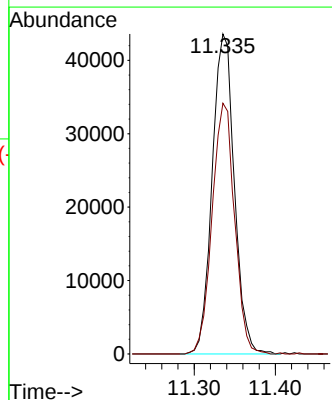
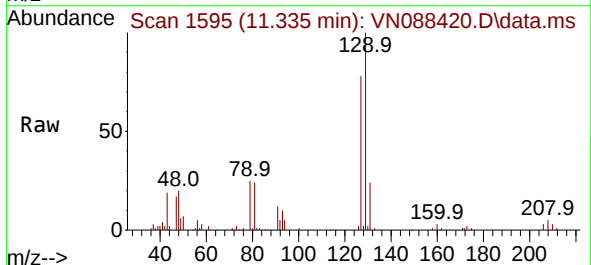
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

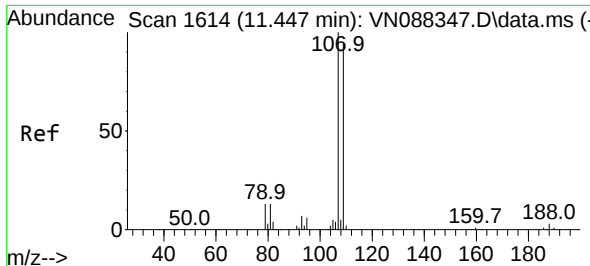
Tgt Ion: 43 Resp: 407196
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9



#60
Dibromochloromethane
Concen: 23.383 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 129 Resp: 82597
Ion Ratio Lower Upper
129 100
127 79.5 38.2 114.6

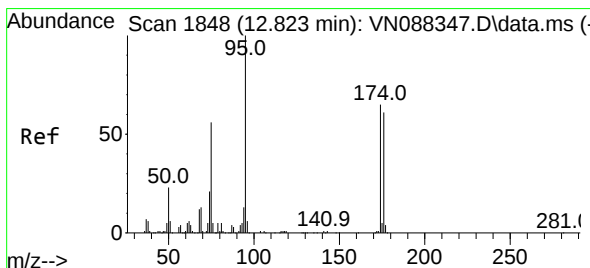
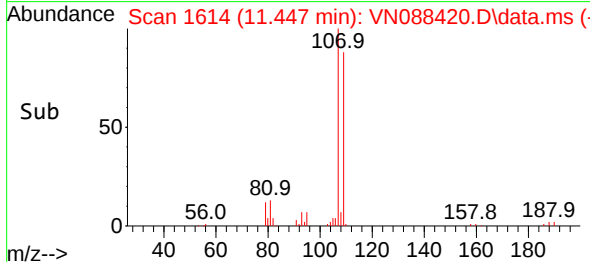
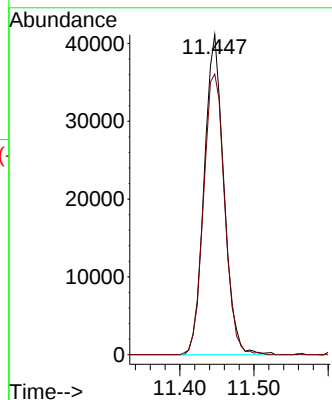
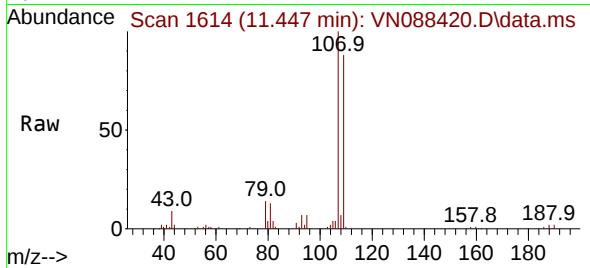




#61
1,2-Dibromoethane
Concen: 24.099 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

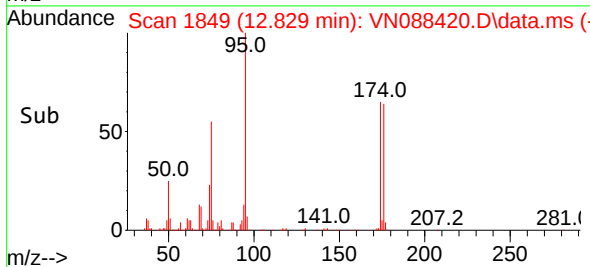
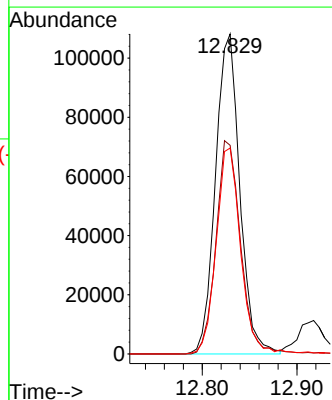
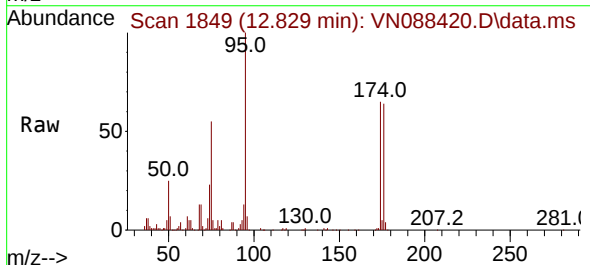
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

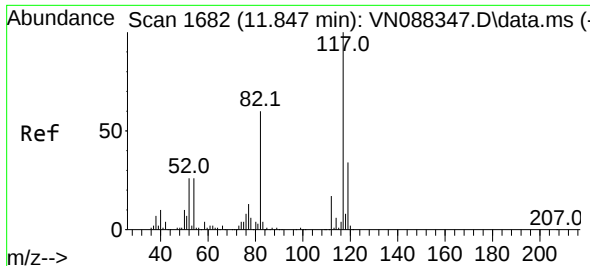
Tgt Ion:107 Resp: 75617
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 49.397 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 95 Resp: 193103
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.0
176 64.6 0.0 132.4

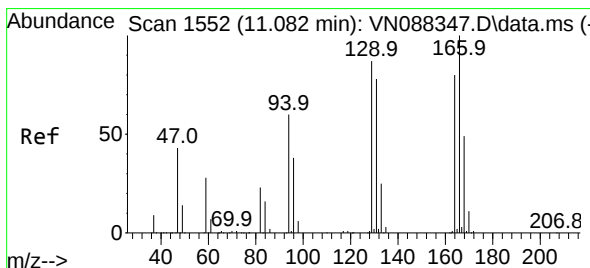
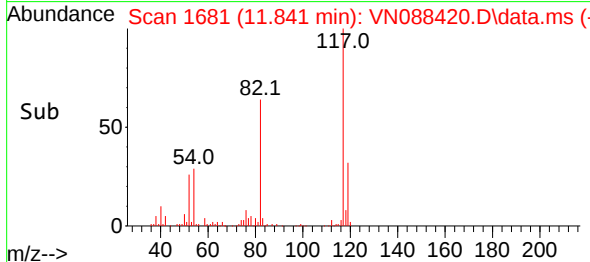
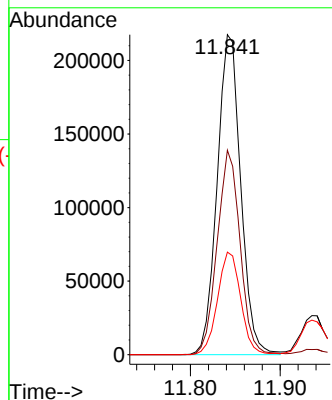
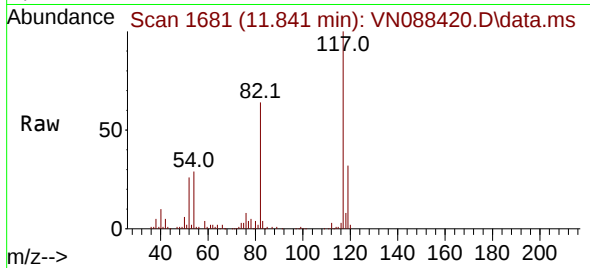




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

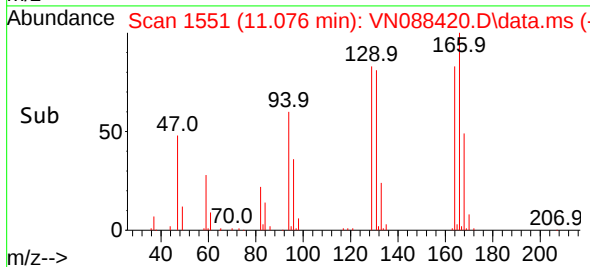
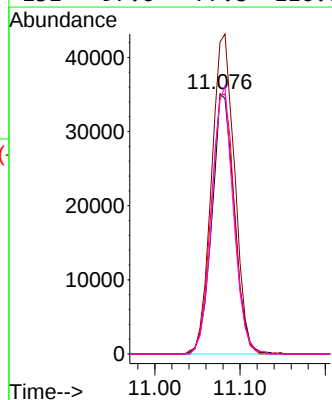
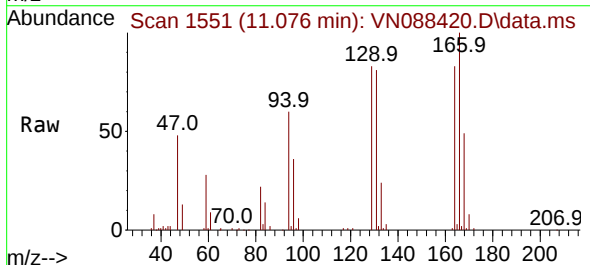
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

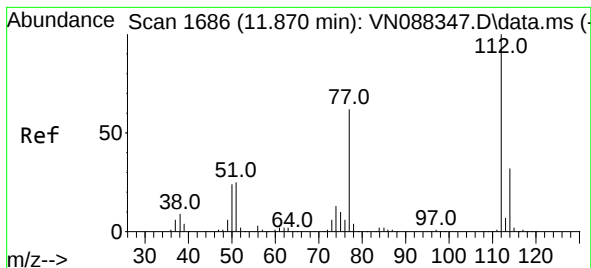
Tgt Ion:117 Resp: 396926
Ion Ratio Lower Upper
117 100
82 63.9 47.8 71.8
119 32.1 26.9 40.3



#64
Tetrachloroethene
Concen: 20.300 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:164 Resp: 63879
Ion Ratio Lower Upper
164 100
166 119.9 99.6 149.4
129 99.4 86.6 129.8
131 97.6 77.8 116.6

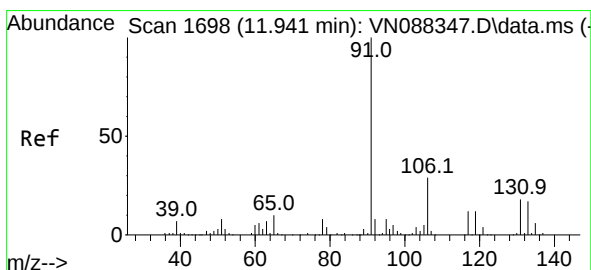
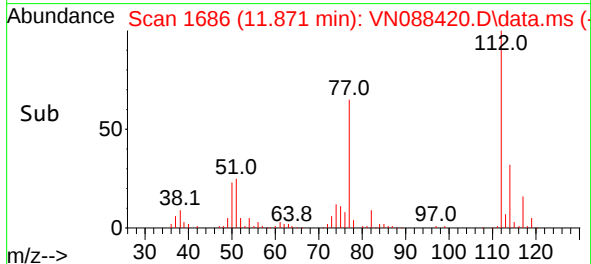
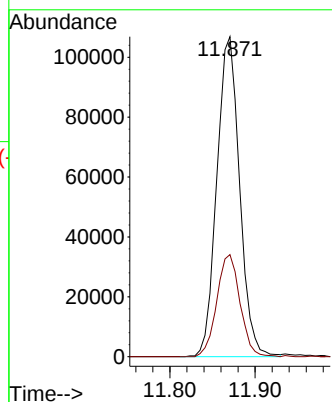
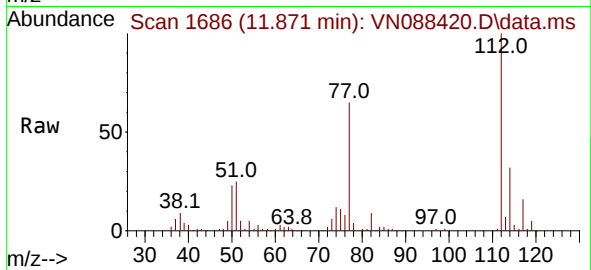




#65
Chlorobenzene
Concen: 22.275 ug/l
RT: 11.871 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

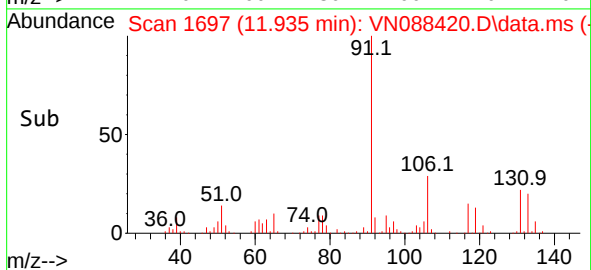
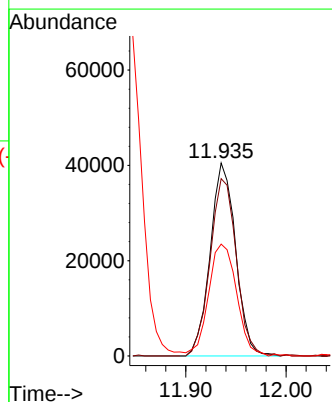
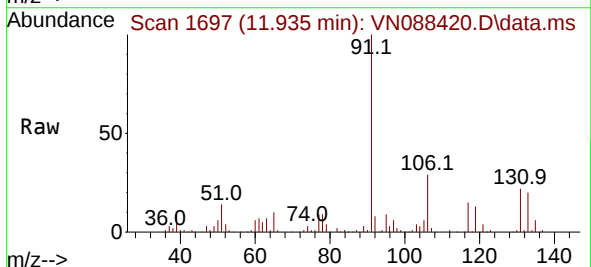
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

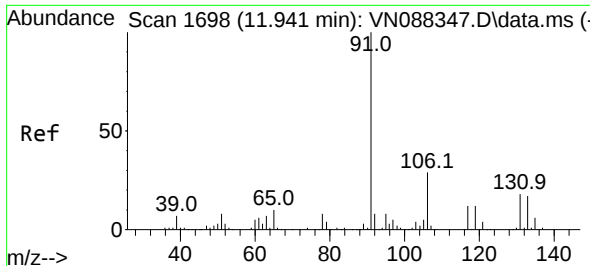
Tgt Ion:112 Resp: 198596
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 23.768 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:131 Resp: 71471
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 62.7 33.4 100.1





#67

Ethyl Benzene

Concen: 22.342 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

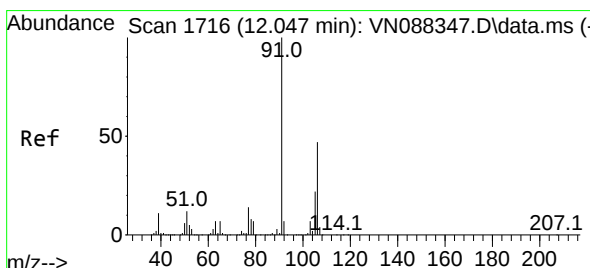
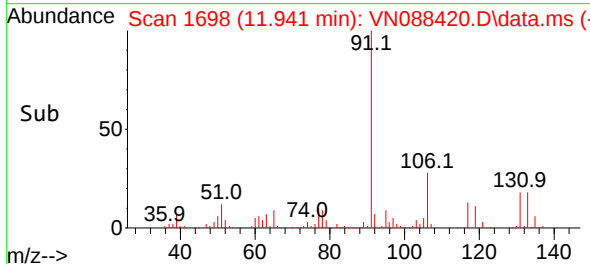
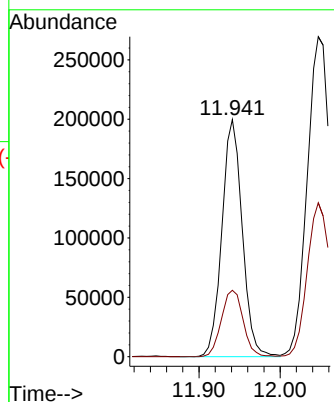
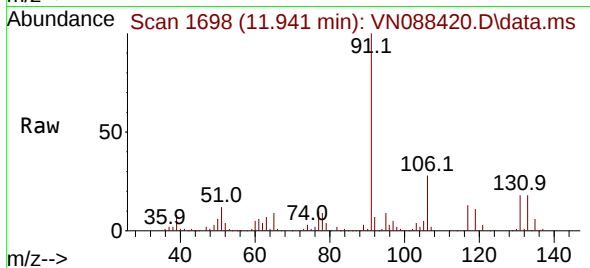
VN1203WBS02

Tgt Ion: 91 Resp: 348145

Ion Ratio Lower Upper

91 100

106 28.0 23.6 35.4



#68

m/p-Xylenes

Concen: 44.821 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088420.D

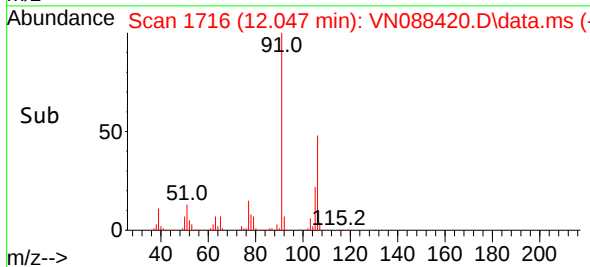
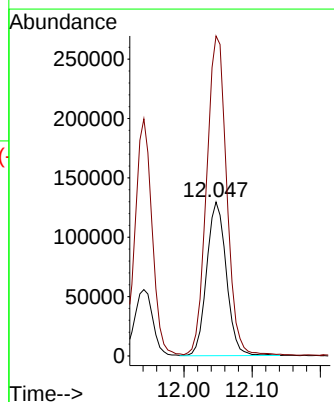
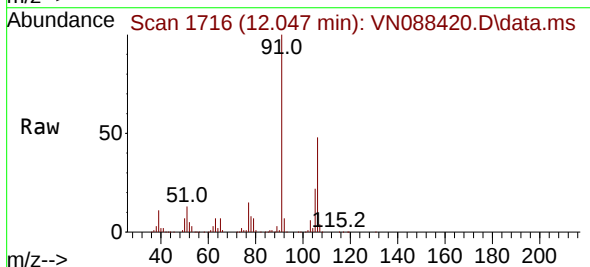
Acq: 03 Dec 2025 12:11

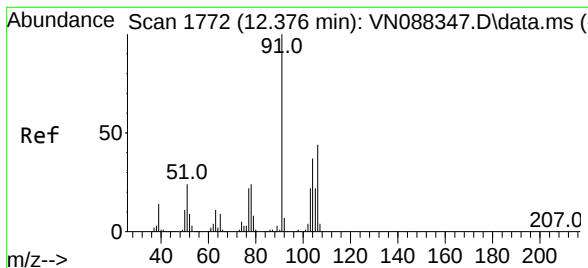
Tgt Ion: 106 Resp: 258961

Ion Ratio Lower Upper

106 100

91 213.4 167.8 251.6

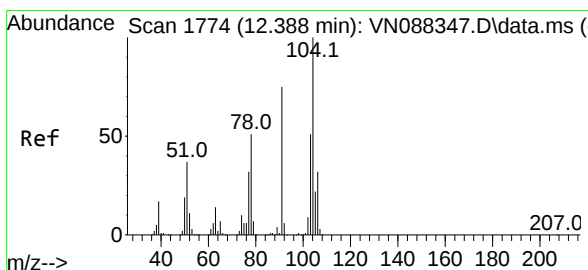
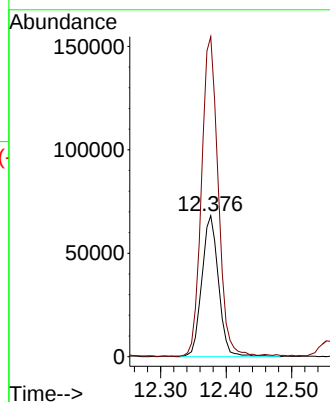
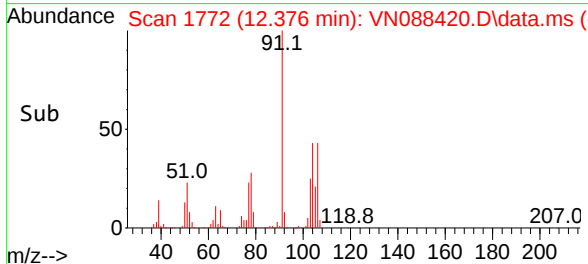
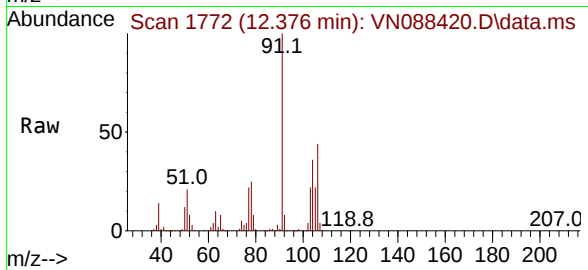




#69
o-Xylene
Concen: 21.877 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

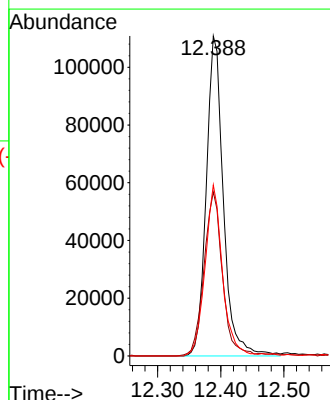
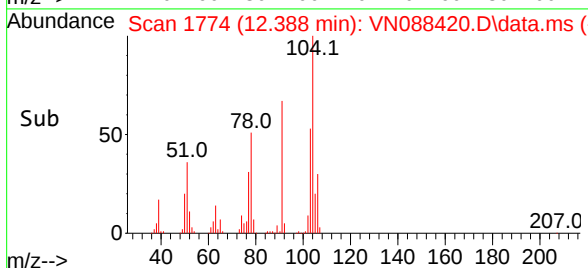
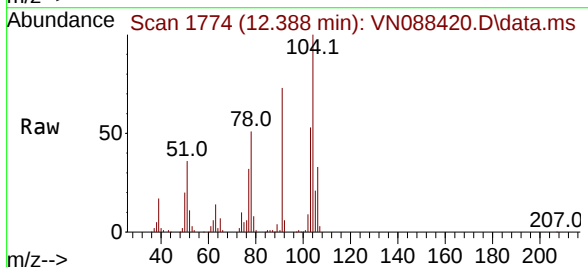
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

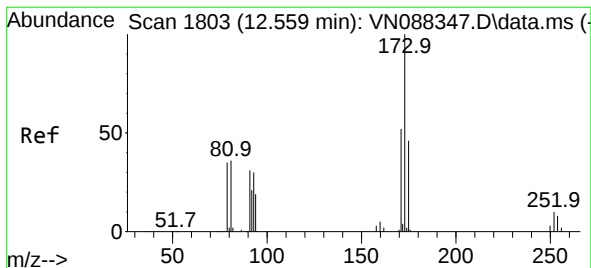
Tgt Ion:106 Resp: 120501
Ion Ratio Lower Upper
106 100
91 227.2 112.9 338.7



#70
Styrene
Concen: 23.345 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:104 Resp: 208790
Ion Ratio Lower Upper
104 100
78 55.5 44.3 66.5
103 54.2 44.2 66.4





#71

Bromoform

Concen: 23.813 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

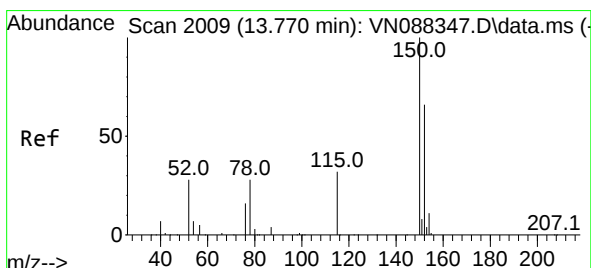
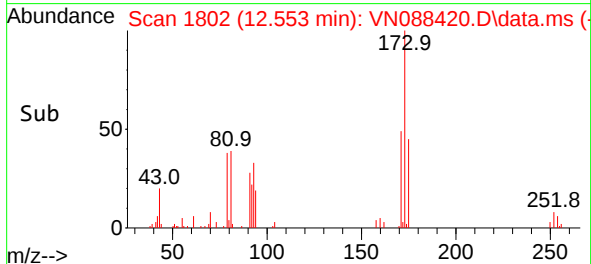
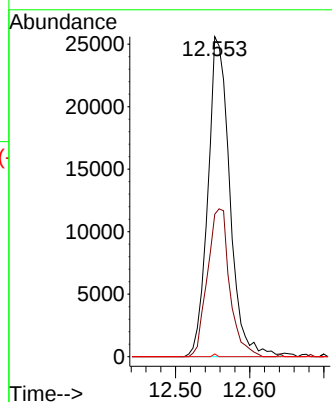
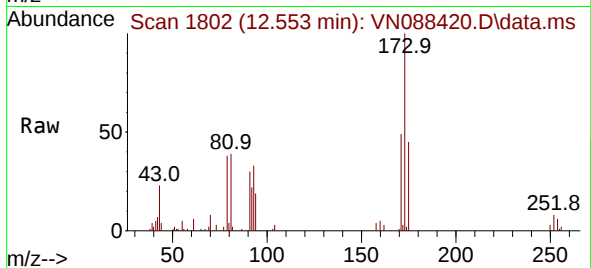
Tgt Ion:173 Resp: 52448

Ion Ratio Lower Upper

173 100

175 47.0 23.9 71.8

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

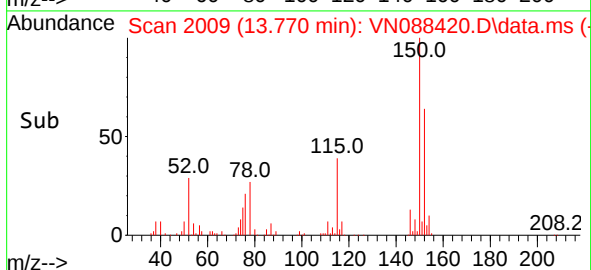
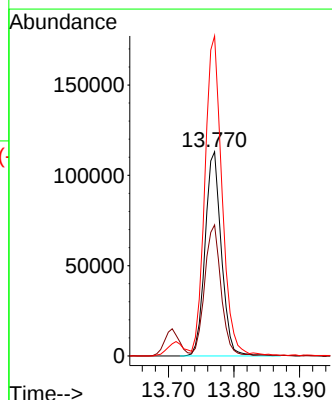
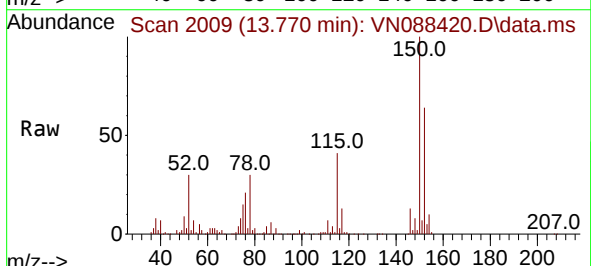
Tgt Ion:152 Resp: 195496

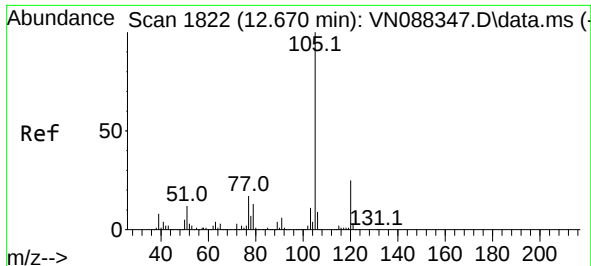
Ion Ratio Lower Upper

152 100

115 63.5 33.0 98.9

150 164.8 0.0 349.0

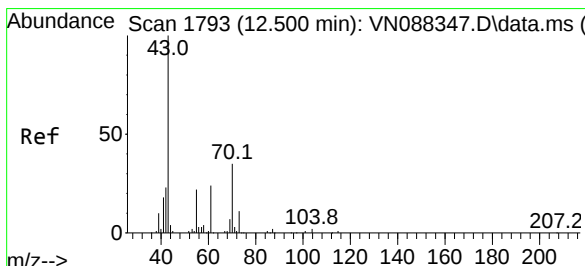
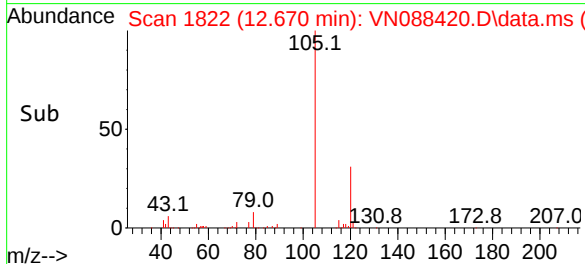
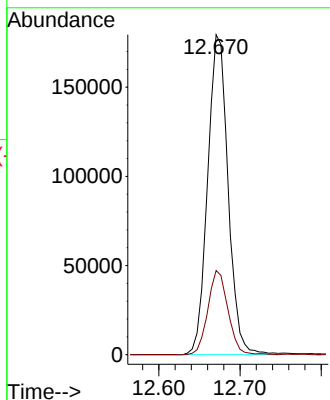
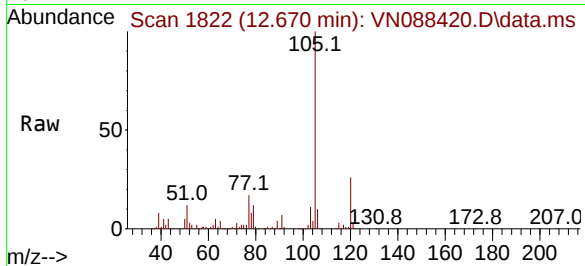




#73
Isopropylbenzene
Concen: 21.686 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

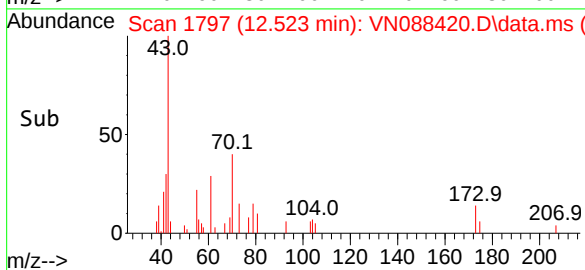
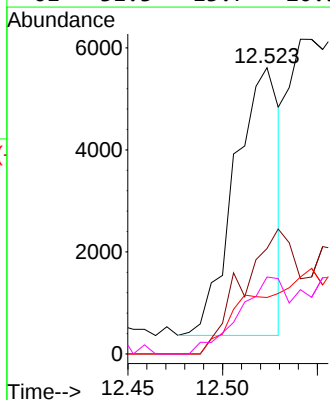
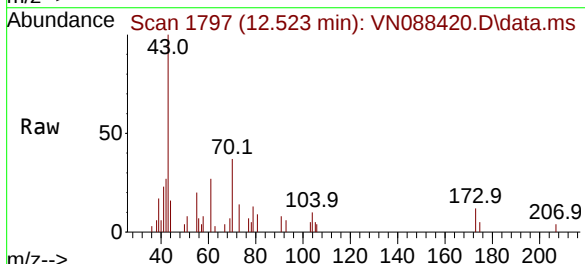
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

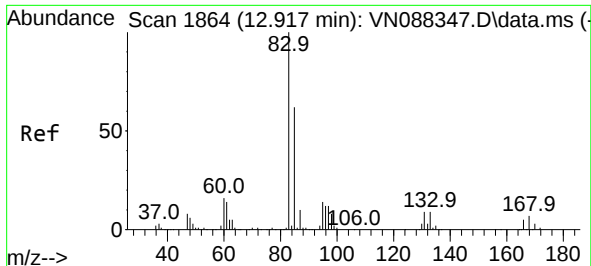
Tgt Ion:105 Resp: 313470
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 1.747 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.024 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 43 Resp: 8600
Ion Ratio Lower Upper
43 100
70 56.0 28.3 42.5#
55 0.0 17.7 26.5#
61 31.3 13.7 20.5#

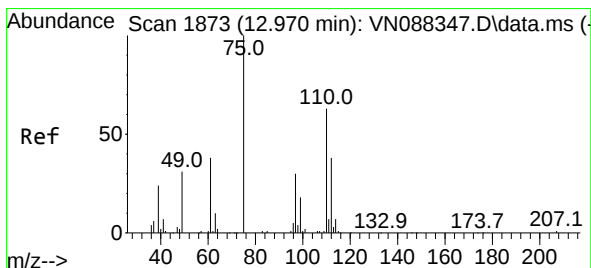
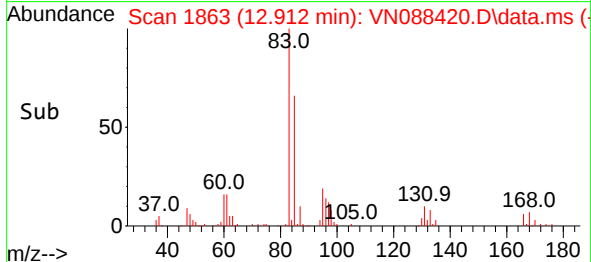
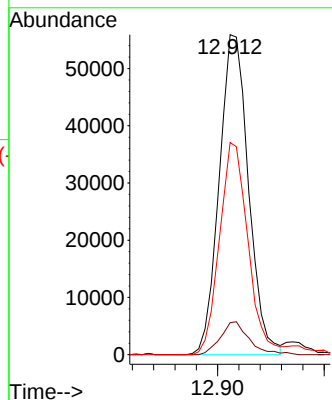
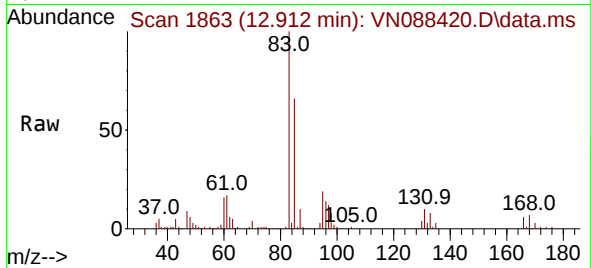




#75
1,1,2,2-Tetrachloroethane
Concen: 22.836 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

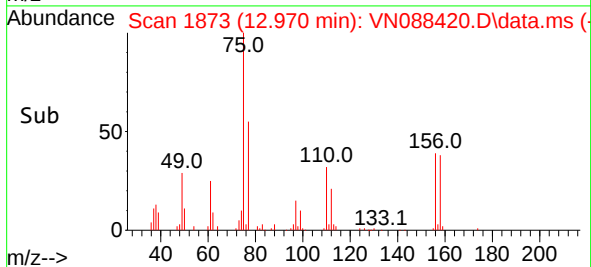
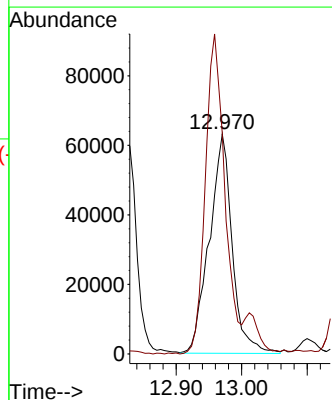
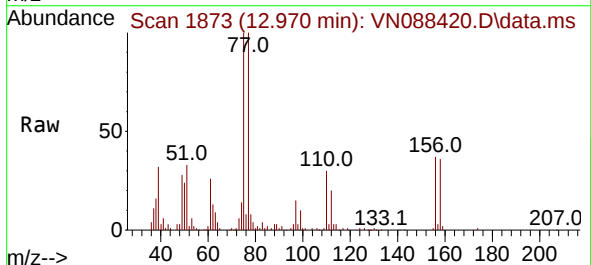
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

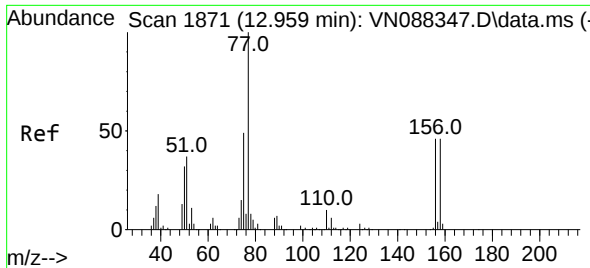
Tgt Ion: 83 Resp: 106712
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.9 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 33.328 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 75 Resp: 152604
Ion Ratio Lower Upper
75 100
77 124.3 87.2 261.6

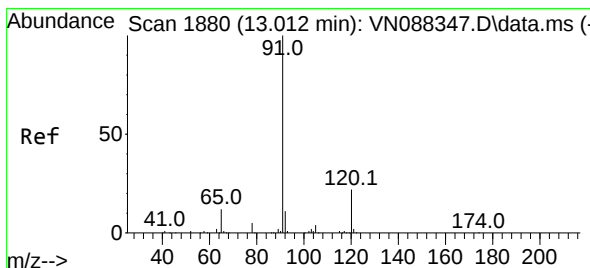
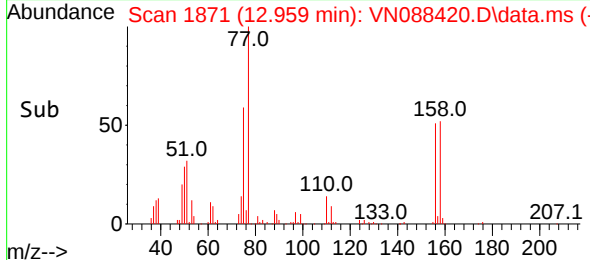
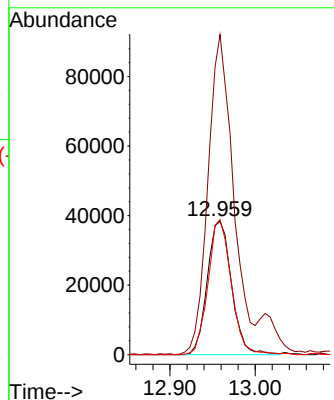
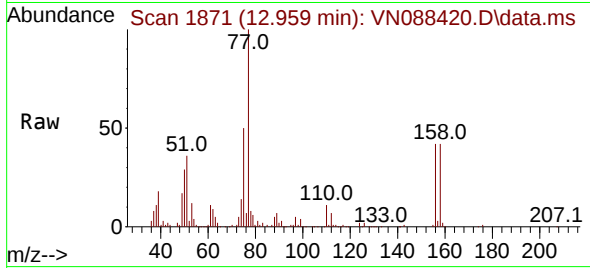




#77
Bromobenzene
Concen: 22.893 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

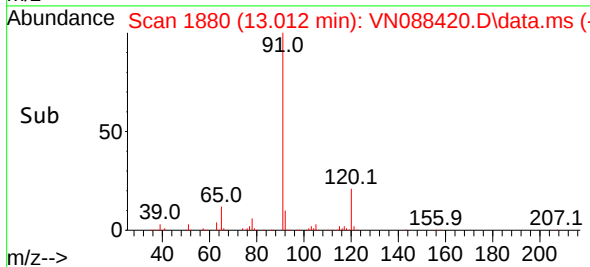
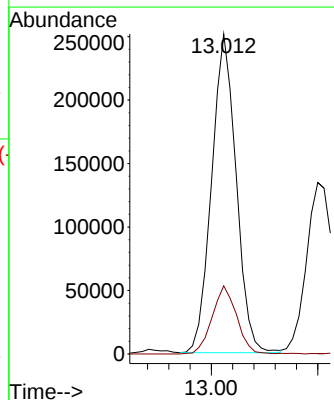
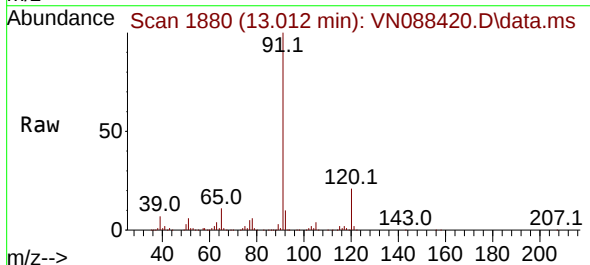
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

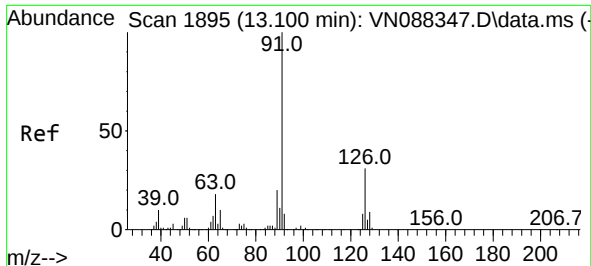
Tgt Ion:156 Resp: 75715
Ion Ratio Lower Upper
156 100
77 250.5 121.6 364.7
158 97.5 48.6 145.8



#78
n-propylbenzene
Concen: 22.695 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 91 Resp: 401330
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6

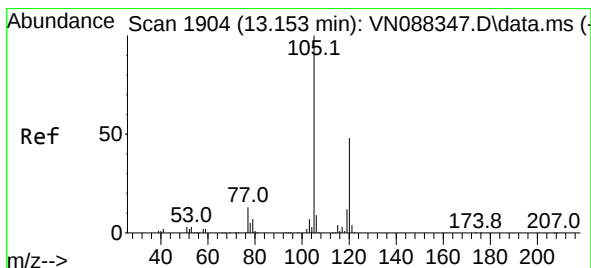
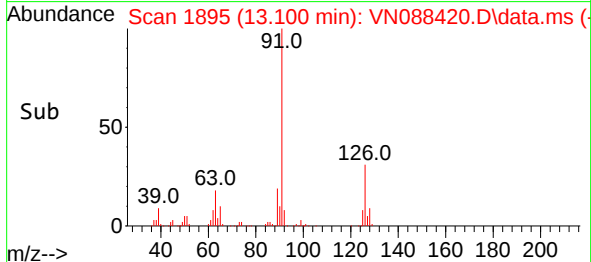
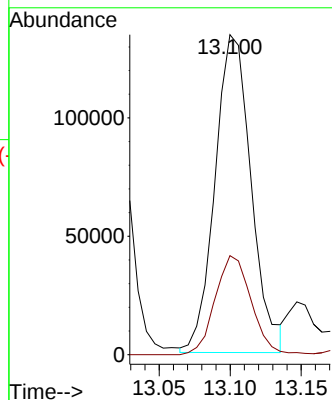
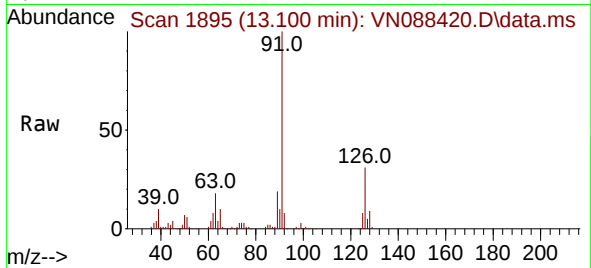




#79
2-Chlorotoluene
Concen: 22.034 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

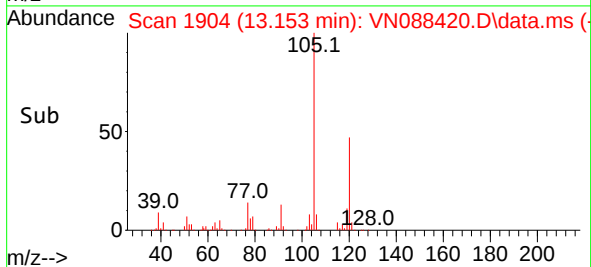
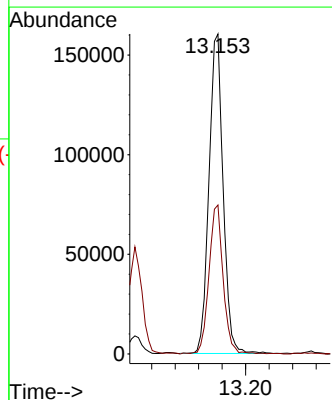
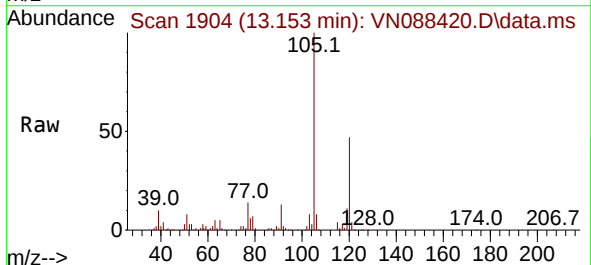
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

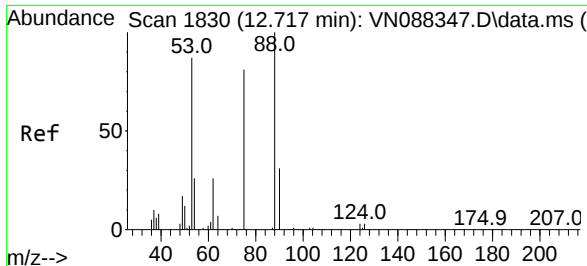
Tgt Ion: 91 Resp: 237936
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 22.370 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 105 Resp: 267945
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5

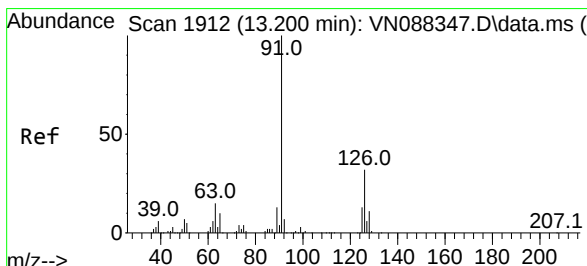
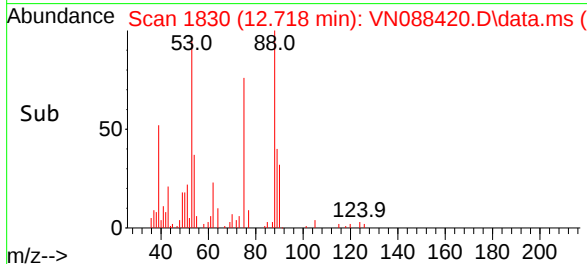
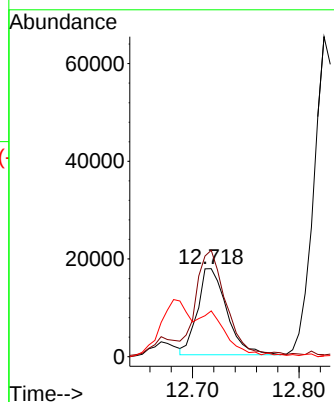
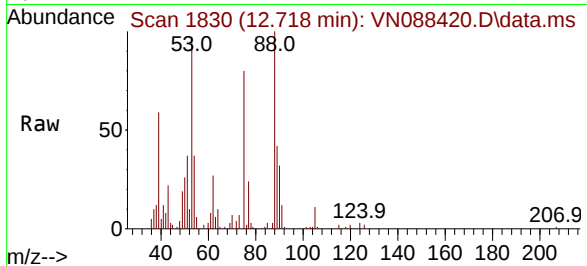




#81
trans-1,4-Dichloro-2-butene
Concen: 20.834 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

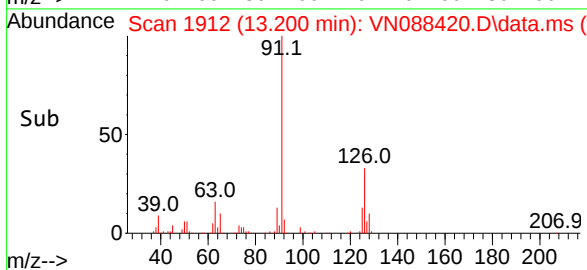
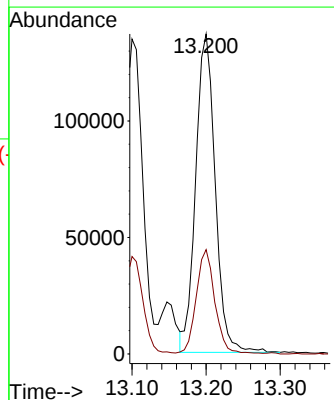
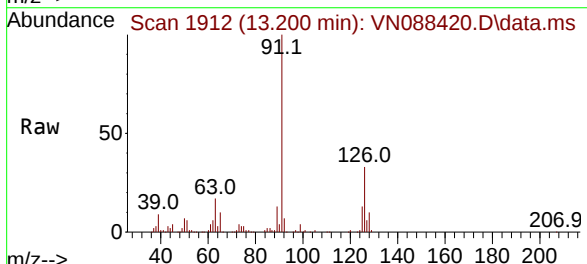
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

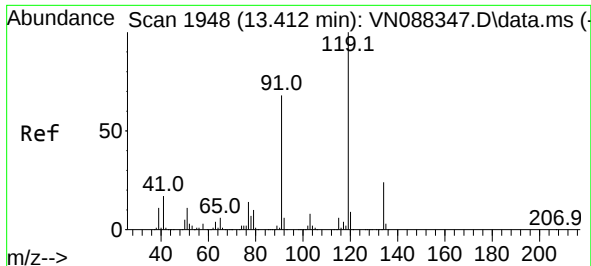
Tgt Ion: 75 Resp: 33626
Ion Ratio Lower Upper
75 100
53 124.1 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 23.326 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 91 Resp: 250184
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7

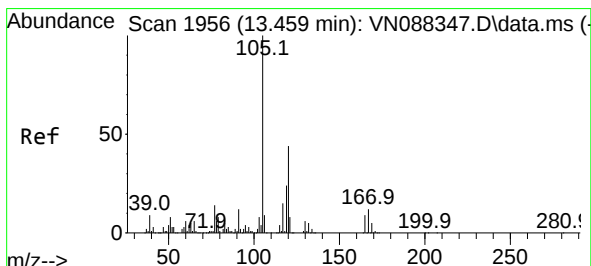
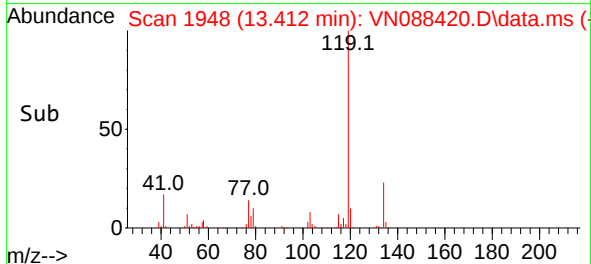
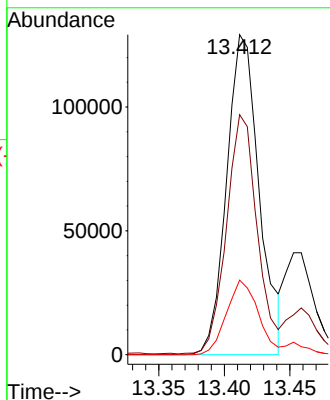
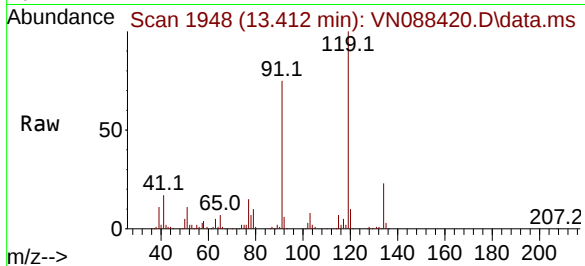




#83
tert-Butylbenzene
Concen: 21.926 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

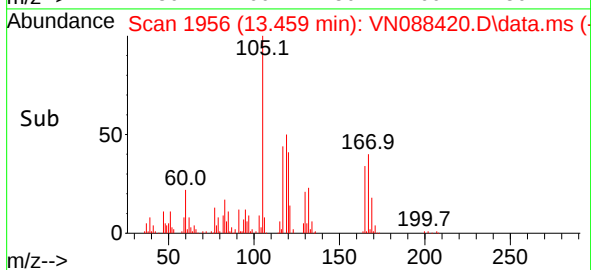
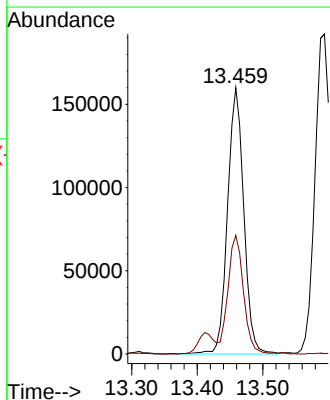
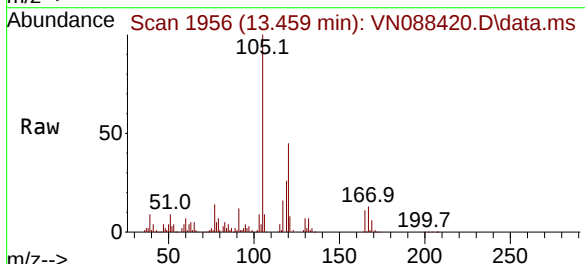
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

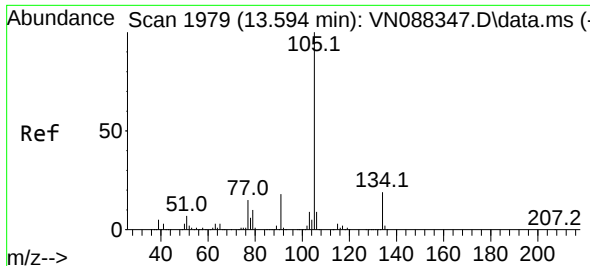
Tgt Ion:119 Resp: 223251
Ion Ratio Lower Upper
119 100
91 70.6 35.1 105.3
134 22.6 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 23.027 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:105 Resp: 274144
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.1

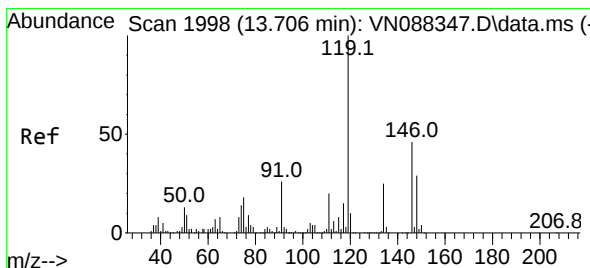
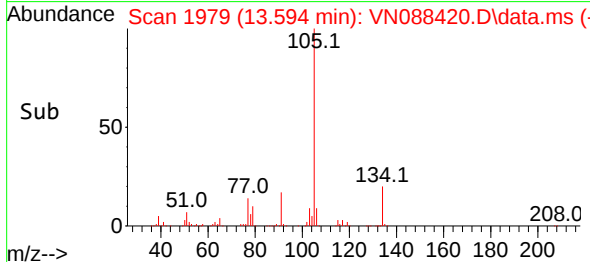
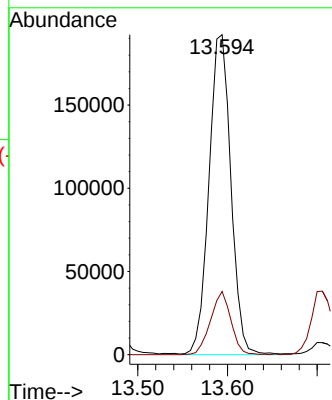
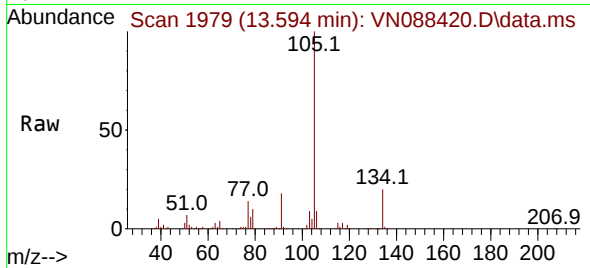




#85
 sec-Butylbenzene
 Concen: 22.307 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

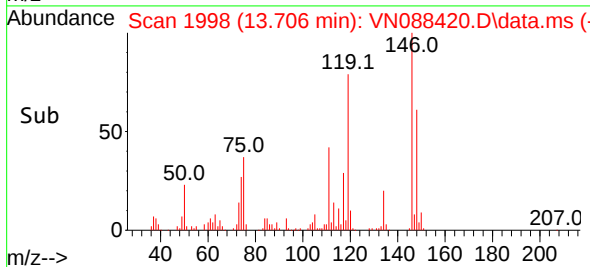
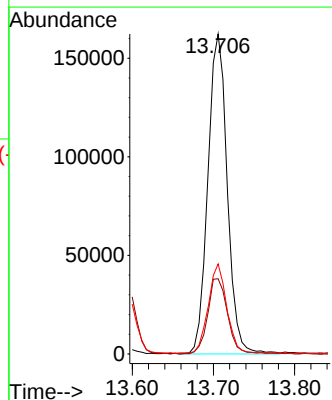
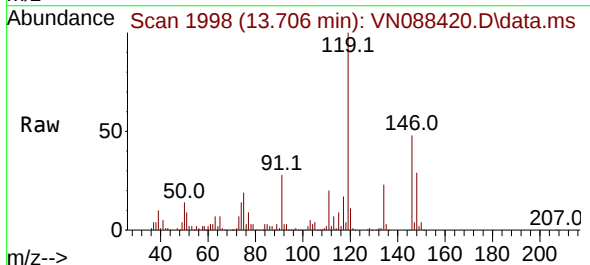
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02

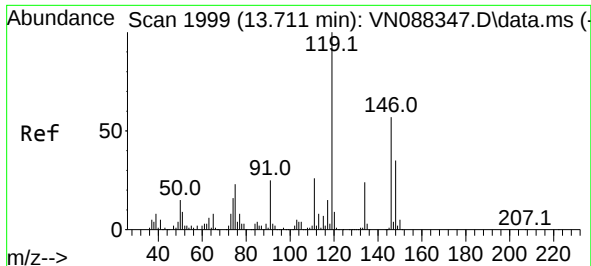
Tgt Ion:105 Resp: 326289
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 22.414 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

Tgt Ion:119 Resp: 268852
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.2 36.6
 91 26.7 13.0 39.0

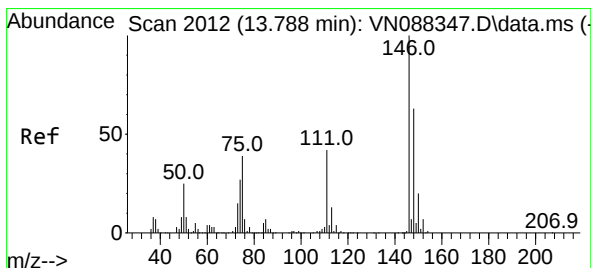
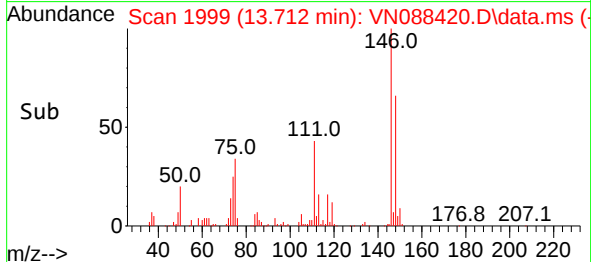
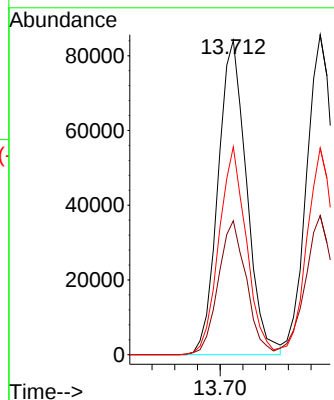
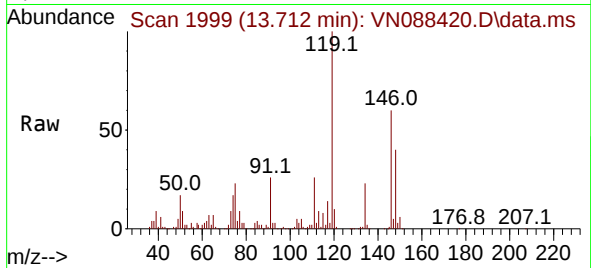




#87
1,3-Dichlorobenzene
Concen: 22.807 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

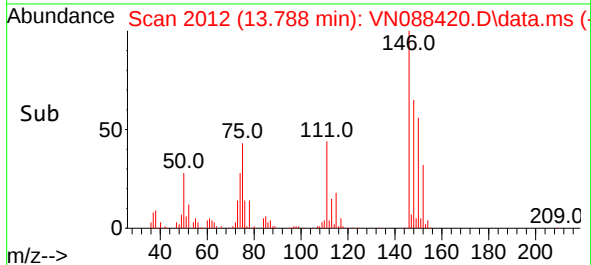
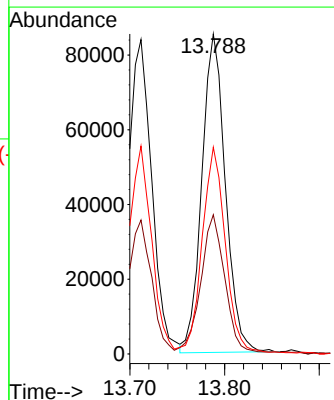
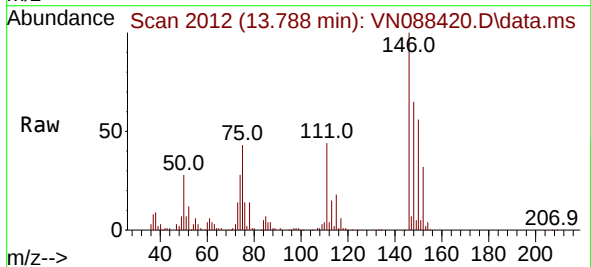
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

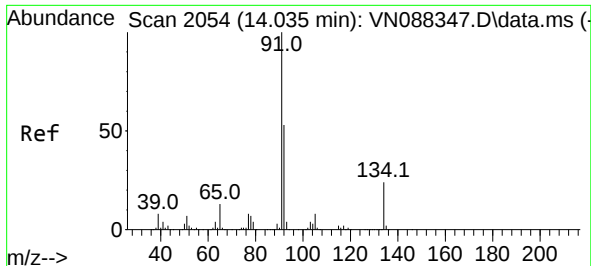
Tgt Ion:146 Resp: 146835
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 63.6 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 21.822 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:146 Resp: 147165
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 64.2 31.0 93.0

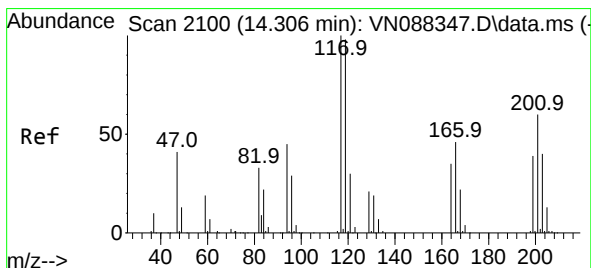
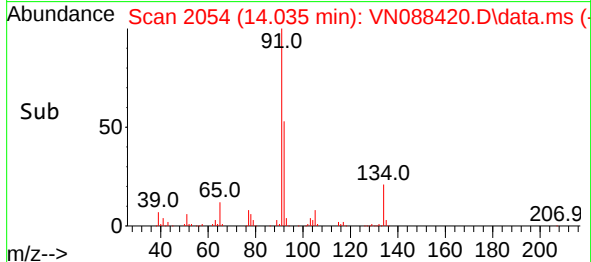
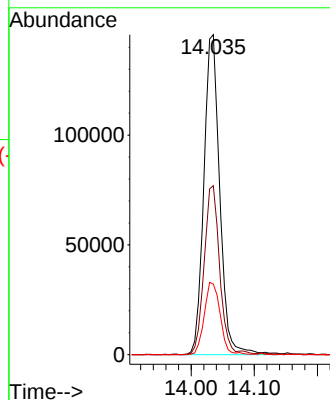
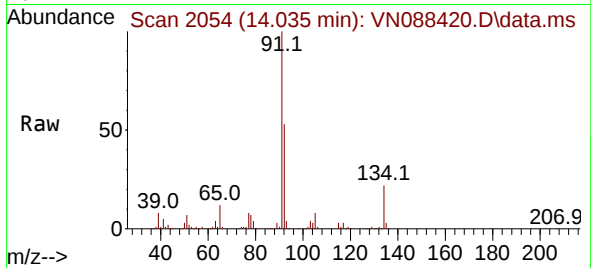




#89
n-Butylbenzene
Concen: 21.946 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

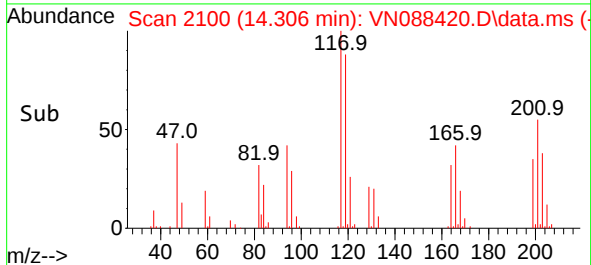
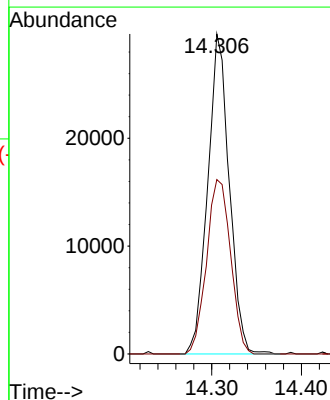
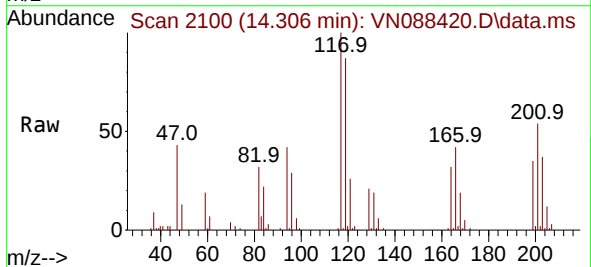
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

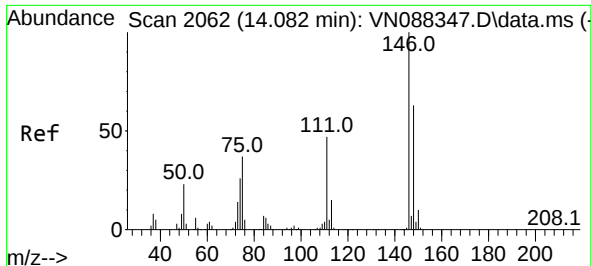
Tgt Ion: 91 Resp: 255584
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.3
134 22.5 11.7 35.1



#90
Hexachloroethane
Concen: 22.595 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 117 Resp: 49509
Ion Ratio Lower Upper
117 100
201 60.6 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 21.889 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

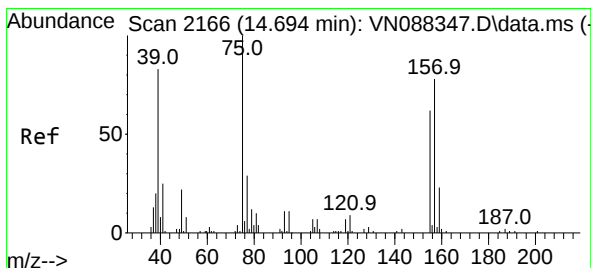
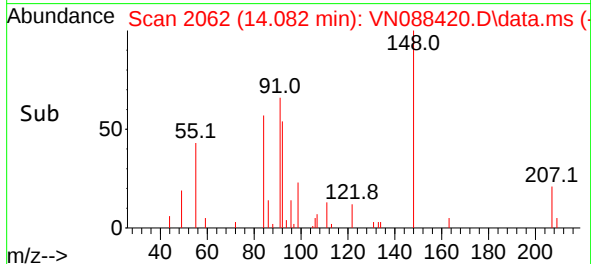
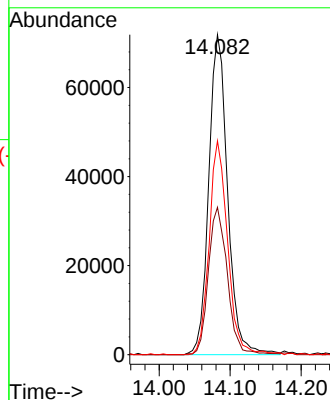
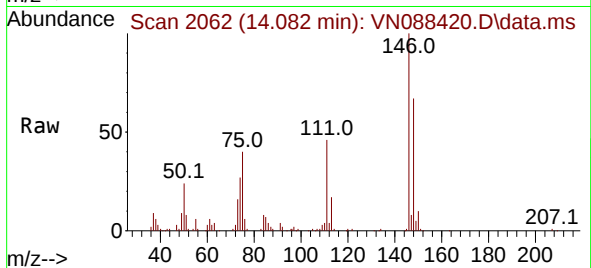
Tgt Ion:146 Resp: 132616

Ion Ratio Lower Upper

146 100

111 46.4 23.3 69.9

148 65.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.023 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

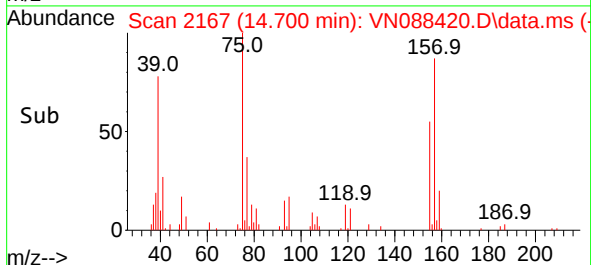
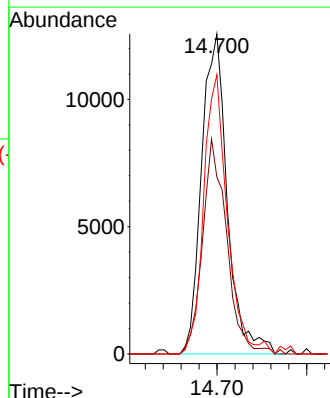
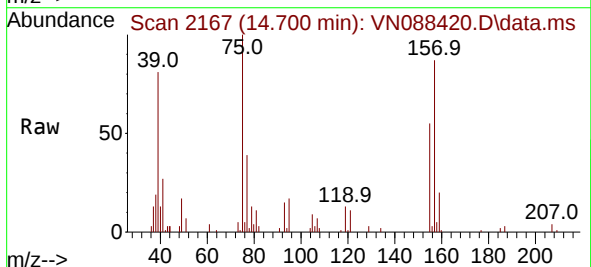
Tgt Ion: 75 Resp: 24969

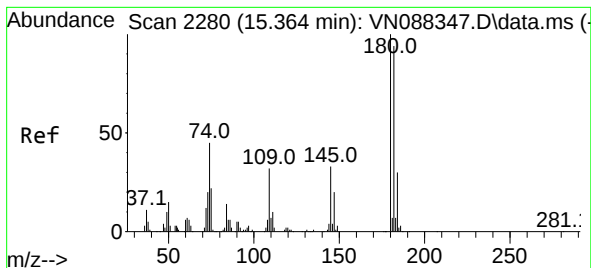
Ion Ratio Lower Upper

75 100

155 63.3 33.7 101.1

157 80.6 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 20.688 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

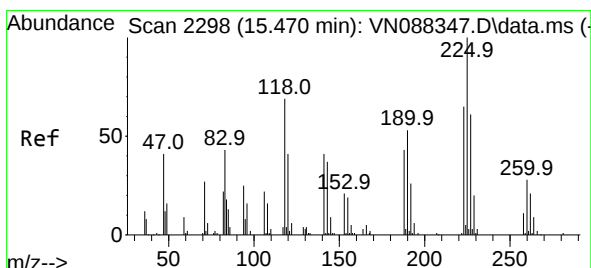
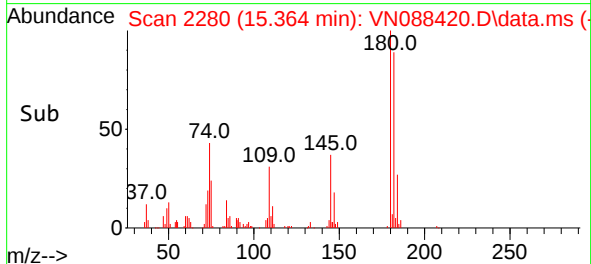
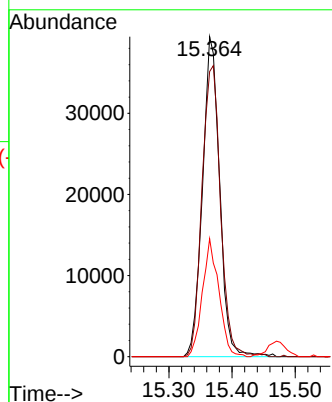
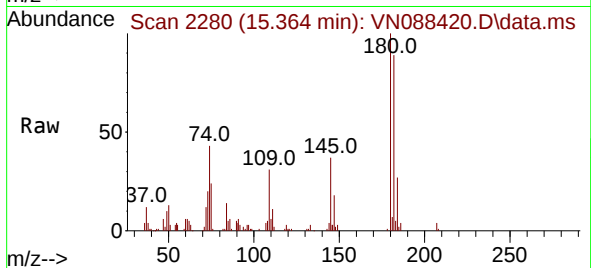
Tgt Ion:180 Resp: 74473

Ion Ratio Lower Upper

180 100

182 97.7 46.1 138.2

145 35.3 16.7 50.1



#94

Hexachlorobutadiene

Concen: 23.166 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

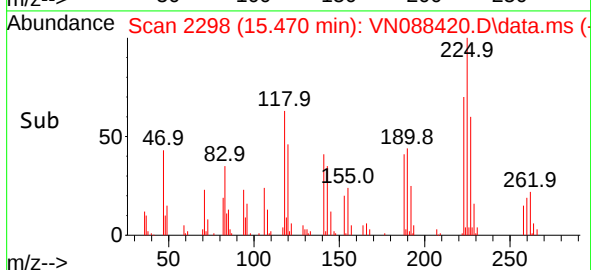
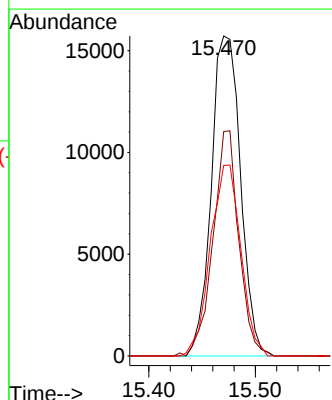
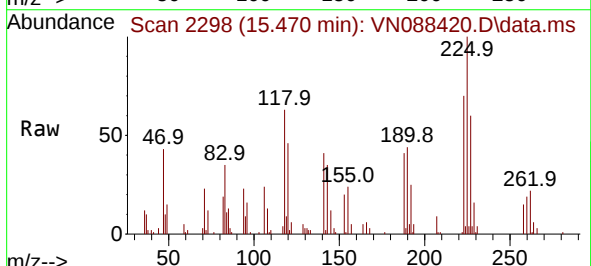
Tgt Ion:225 Resp: 29967

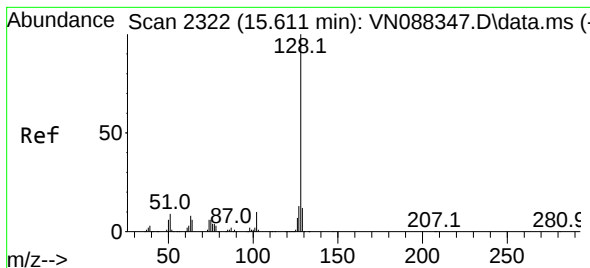
Ion Ratio Lower Upper

225 100

223 62.1 32.3 96.8

227 62.1 29.9 89.8





#95

Naphthalene

Concen: 20.541 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

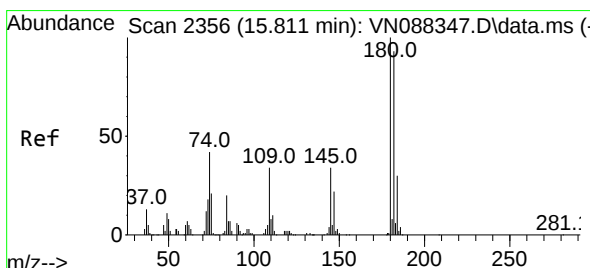
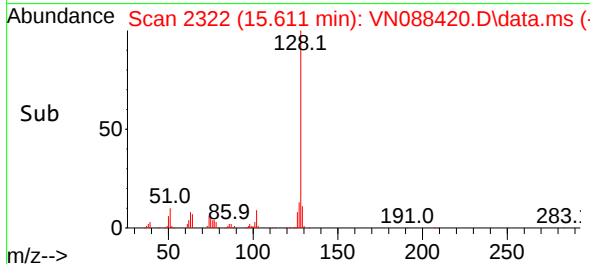
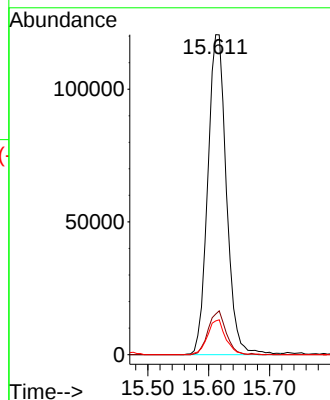
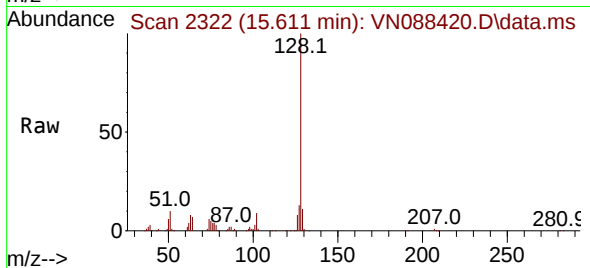
Tgt Ion:128 Resp: 256226

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 20.813 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Tgt Ion:180 Resp: 72914

Ion Ratio Lower Upper

180 100

182 95.6 45.9 137.7

145 36.7 17.8 53.4

