

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088085.D
 Acq On : 23 Oct 2025 14:54
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102325

Quant Time: Oct 24 03:19:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 03:16:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	329791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	629673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	552962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	275365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	266313	46.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.400%
35) Dibromofluoromethane	8.147	113	194019	45.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	10.547	98	763509	46.842	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.680%
62) 4-Bromofluorobenzene	12.829	95	270623	47.012	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	181807	48.872	ug/l	100
3) Chloromethane	2.383	50	219077	50.058	ug/l	100
4) Vinyl Chloride	2.536	62	236939	49.688	ug/l	100
5) Bromomethane	2.971	94	148038	51.903	ug/l	99
6) Chloroethane	3.136	64	174590	50.817	ug/l	95
7) Trichlorofluoromethane	3.512	101	391081	51.420	ug/l	100
8) Diethyl Ether	3.959	74	151702	53.668	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	214444	54.641	ug/l	98
10) Methyl Iodide	4.583	142	188924	48.914	ug/l	94
11) Tert butyl alcohol	5.512	59	223370	227.357	ug/l	100
12) 1,1-Dichloroethene	4.336	96	214504	51.748	ug/l	99
13) Acrolein	4.177	56	314965	285.010	ug/l	99
14) Allyl chloride	5.012	41	338733	46.622	ug/l	97
15) Acrylonitrile	5.706	53	652411	243.784	ug/l	98
16) Acetone	4.418	43	708708	247.368	ug/l	98
17) Carbon Disulfide	4.706	76	597135	47.390	ug/l	98
18) Methyl Acetate	5.018	43	278412	47.467	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	754371	49.555	ug/l	99
20) Methylene Chloride	5.259	84	226995	50.891	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	217864	47.883	ug/l	99
22) Diisopropyl ether	6.653	45	789811	51.691	ug/l	98
23) Vinyl Acetate	6.589	43	3597787	261.399	ug/l	99
24) 1,1-Dichloroethane	6.547	63	422648	49.935	ug/l	98
25) 2-Butanone	7.465	43	930039	246.326	ug/l	99
26) 2,2-Dichloropropane	7.471	77	384885	50.040	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	258806	49.410	ug/l	98
28) Bromochloromethane	7.794	49	202137	50.544	ug/l	100
29) Tetrahydrofuran	7.818	42	604070	245.497	ug/l	99
30) Chloroform	7.947	83	423655	50.104	ug/l	96
31) Cyclohexane	8.236	56	395022	49.485	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	374970	49.791	ug/l	98
36) 1,1-Dichloropropene	8.353	75	305017	49.383	ug/l	97
37) Ethyl Acetate	7.547	43	368137	46.186	ug/l	97
38) Carbon Tetrachloride	8.341	117	320797	50.287	ug/l	98
39) Methylcyclohexane	9.583	83	396292	49.916	ug/l	97
40) Benzene	8.588	78	933204	49.611	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	201543	48.042	ug/l	99
42) 1,2-Dichloroethane	8.647	62	333208	49.855	ug/l	100
43) Isopropyl Acetate	8.671	43	617708	50.434	ug/l	98
44) Trichloroethene	9.330	130	215931	49.112	ug/l	97
45) 1,2-Dichloropropane	9.600	63	233818	49.237	ug/l	94
46) Dibromomethane	9.688	93	169580	50.069	ug/l	98
47) Bromodichloromethane	9.865	83	341897	50.420	ug/l	97
48) Methyl methacrylate	9.659	41	285311	50.456	ug/l	97
49) 1,4-Dioxane	9.677	88	68041	967.465	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1835452	253.315	ug/l	99
52) Toluene	10.606	92	584587	50.407	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	378294	52.416	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	396097	51.721	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	212827	48.370	ug/l	96
56) Ethyl methacrylate	10.853	69	377487	54.214	ug/l	96
57) 1,3-Dichloropropane	11.141	76	393469	50.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	973004	268.651	ug/l	99
59) 2-Hexanone	11.177	43	1284662	267.268	ug/l	98
60) Dibromochloromethane	11.341	129	253809	50.751	ug/l	99
61) 1,2-Dibromoethane	11.447	107	226306	49.976	ug/l	99
64) Tetrachloroethene	11.082	164	175856	48.214	ug/l	97
65) Chlorobenzene	11.871	112	637824	50.798	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.935	131	209987	51.047	ug/l	98
67) Ethyl Benzene	11.941	91	1128615	51.208	ug/l	99
68) m/p-Xylenes	12.047	106	859721	104.109	ug/l	98
69) o-Xylene	12.376	106	414102	52.899	ug/l	97
70) Styrene	12.388	104	691022	54.133	ug/l	99
71) Bromoform	12.559	173	158376	51.590	ug/l #	98
73) Isopropylbenzene	12.671	105	1095685	51.590	ug/l	99
74) N-amyl acetate	12.500	43	282147	58.174	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.918	83	327851	49.583	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	442992	70.364	ug/l	64
77) Bromobenzene	12.959	156	240684	52.553	ug/l	98
78) n-propylbenzene	13.012	91	1344076	51.859	ug/l	98
79) 2-Chlorotoluene	13.100	91	775440	52.463	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	914603	51.853	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	115268	51.074	ug/l #	80
82) 4-Chlorotoluene	13.200	91	807500	50.497	ug/l	98
83) tert-Butylbenzene	13.418	119	807306	51.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	923338	52.321	ug/l	99
85) sec-Butylbenzene	13.594	105	1189055	51.364	ug/l	99
86) p-Isopropyltoluene	13.706	119	993123	53.478	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	469549	51.358	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	481076	48.992	ug/l	99
89) n-Butylbenzene	14.035	91	950993	51.698	ug/l	98
90) Hexachloroethane	14.306	117	181442	50.453	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	447427	50.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	72041	46.810	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	265531	49.750	ug/l	99
94) Hexachlorobutadiene	15.470	225	96309	48.455	ug/l	97
95) Naphthalene	15.612	128	919023	50.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	250044	48.860	ug/l	99

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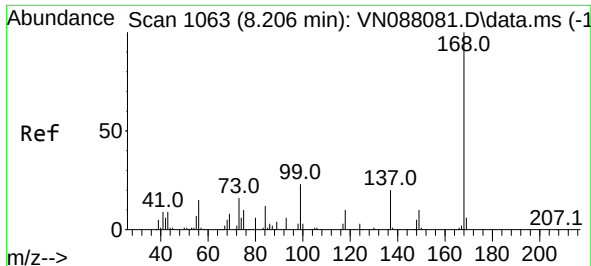
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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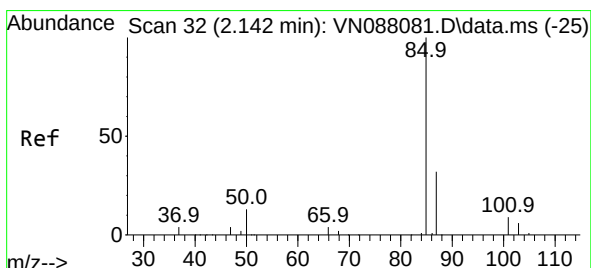
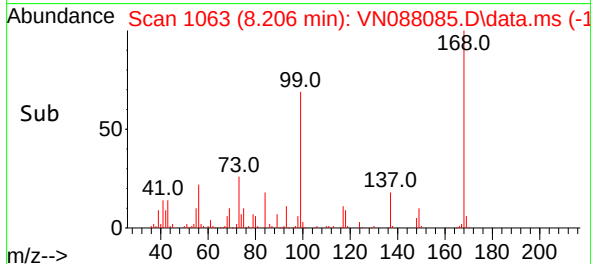
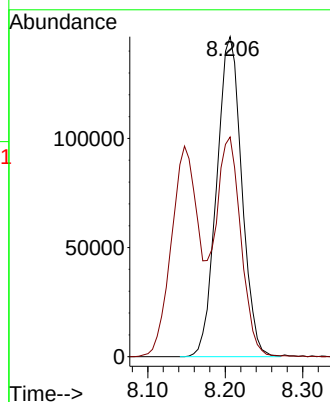
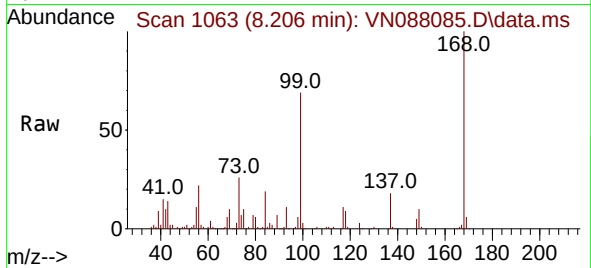




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088085.D
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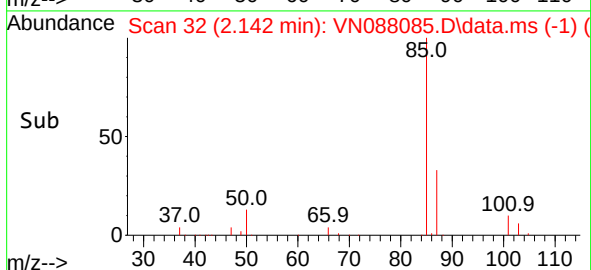
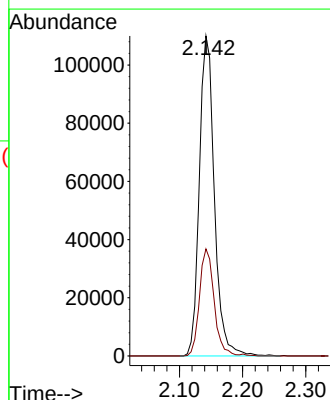
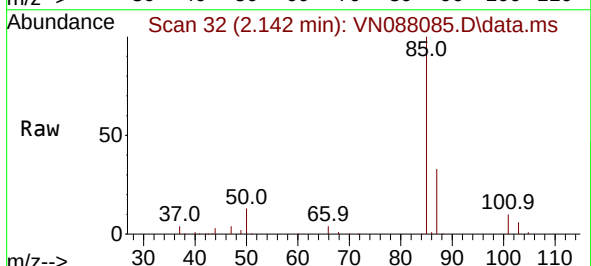
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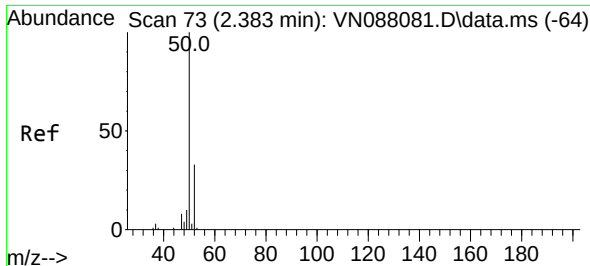
Tgt Ion:168 Resp: 329791
Ion Ratio Lower Upper
168 100
99 68.4 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 48.872 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 85 Resp: 181807
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8

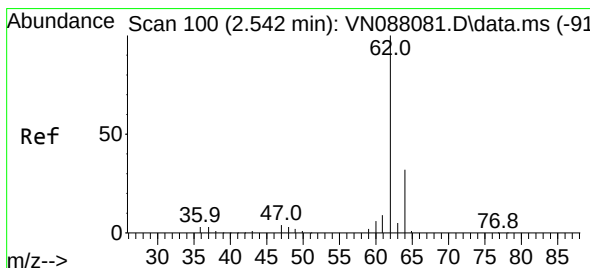
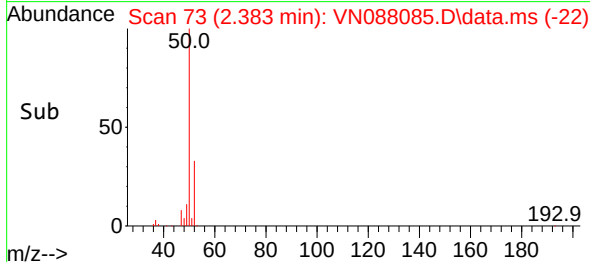
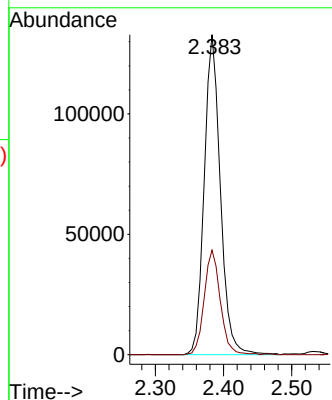
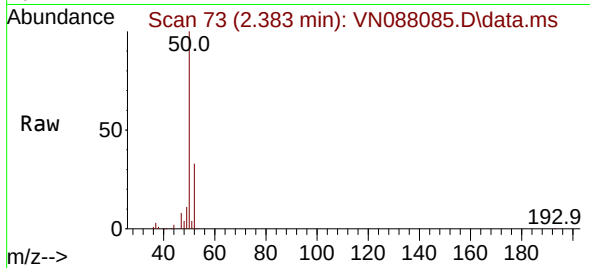




#3
Chloromethane
Concen: 50.058 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

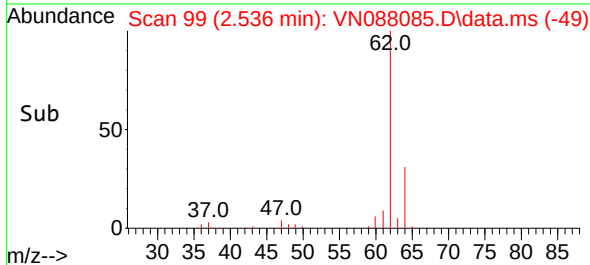
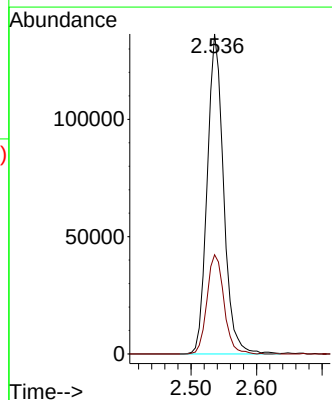
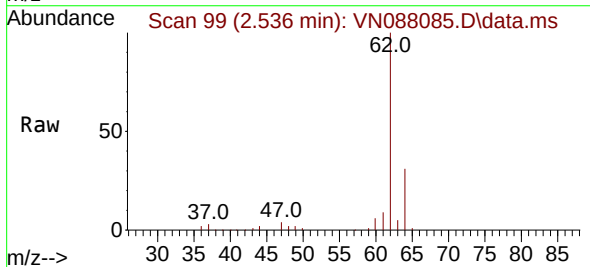
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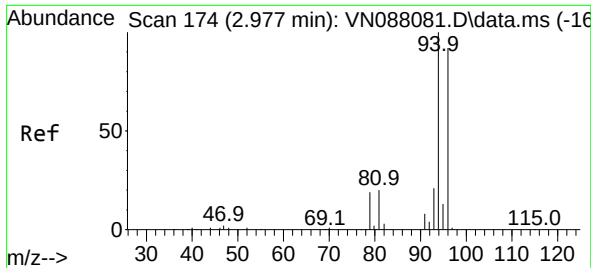
Tgt Ion: 50 Resp: 219077
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4



#4
Vinyl Chloride
Concen: 49.688 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 62 Resp: 236939
Ion Ratio Lower Upper
62 100
64 31.0 24.6 37.0

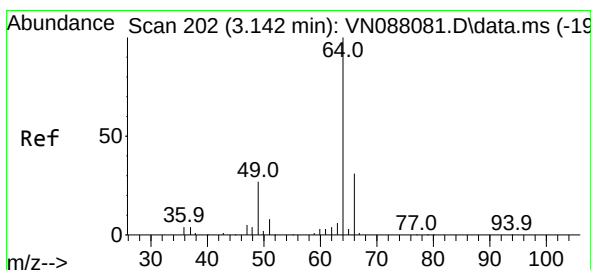
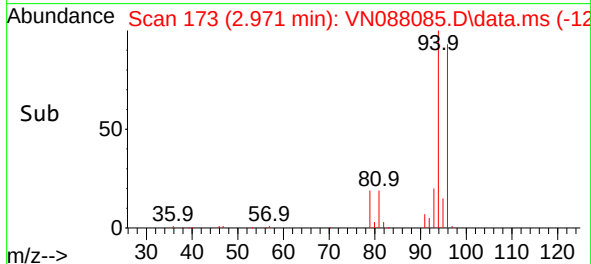
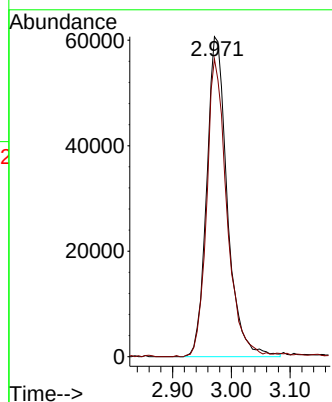
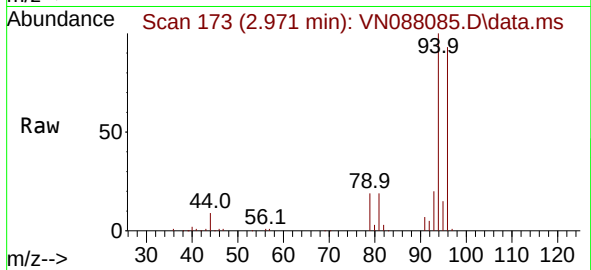




#5
Bromomethane
Concen: 51.903 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

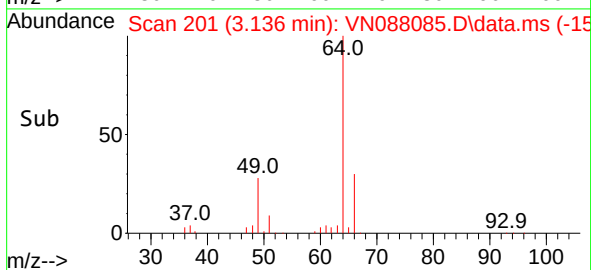
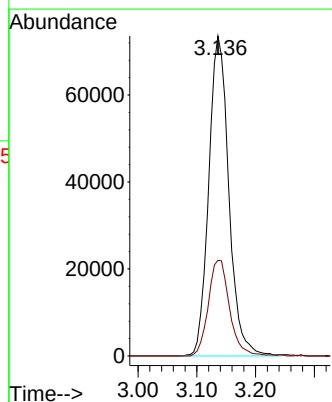
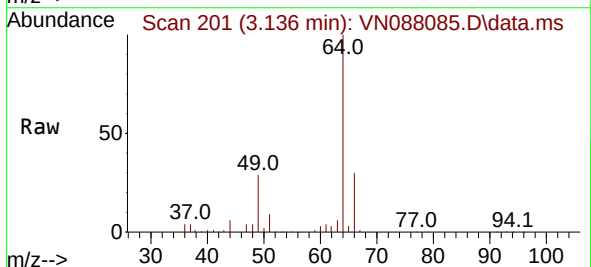
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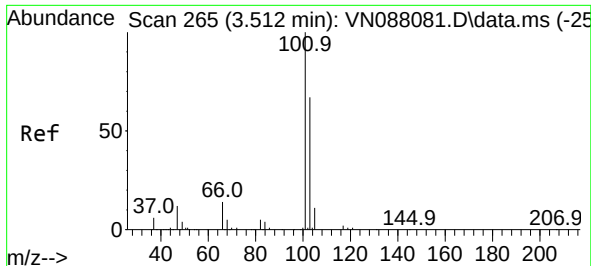
Tgt Ion: 94 Resp: 148038
Ion Ratio Lower Upper
94 100
96 93.1 75.4 113.2



#6
Chloroethane
Concen: 50.817 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 64 Resp: 174590
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.2

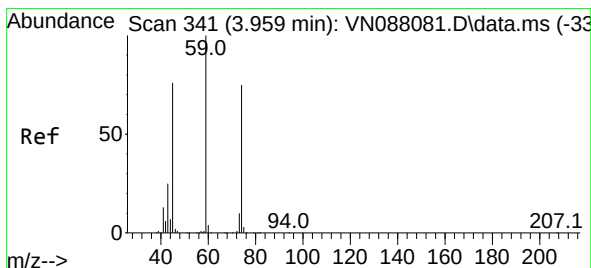
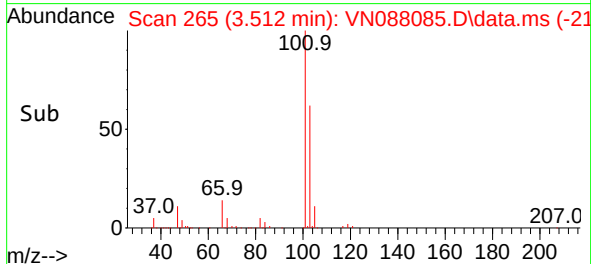
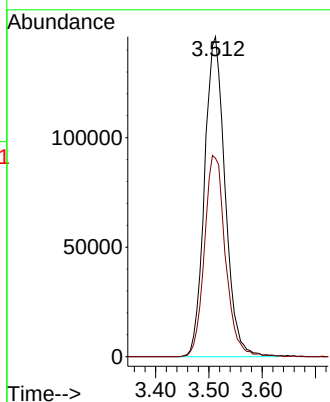
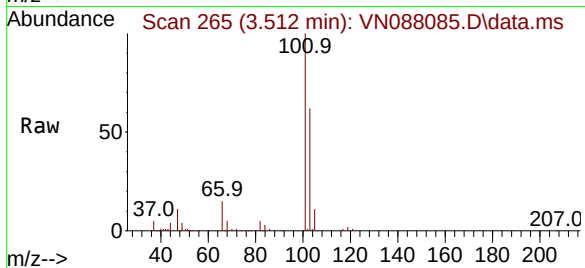




#7
 Trichlorofluoromethane
 Concen: 51.420 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

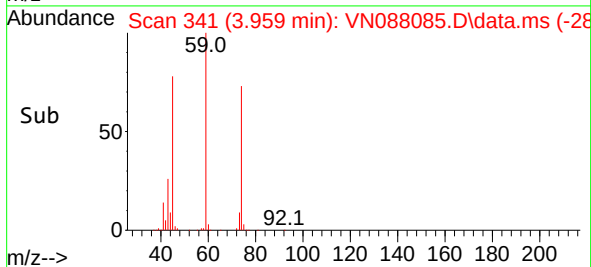
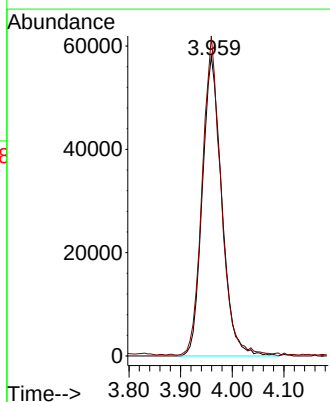
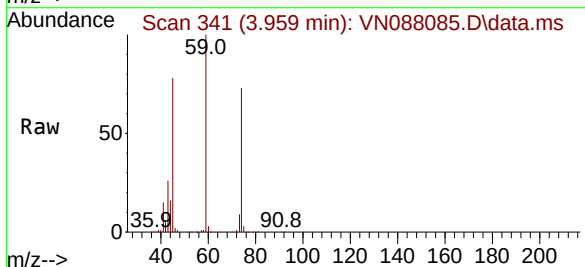
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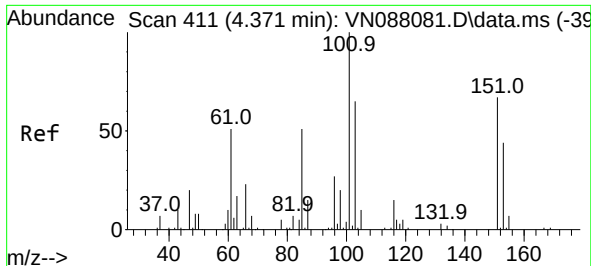
Tgt Ion:101 Resp: 391081
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.4 74.0



#8
 Diethyl Ether
 Concen: 53.668 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

Tgt Ion: 74 Resp: 151702
 Ion Ratio Lower Upper
 74 100
 45 102.6 50.6 151.9

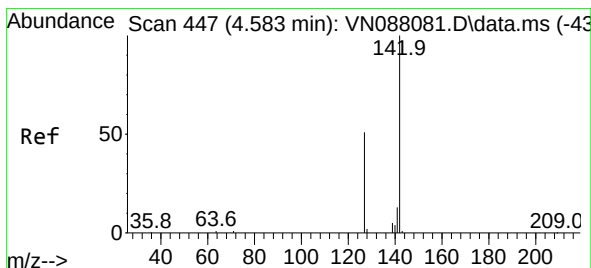
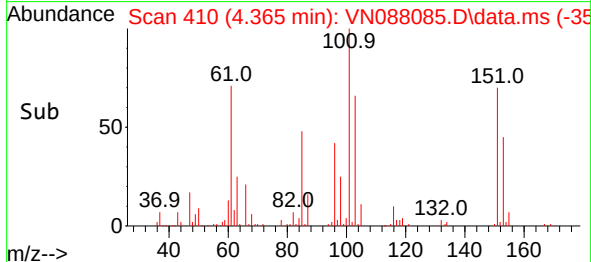
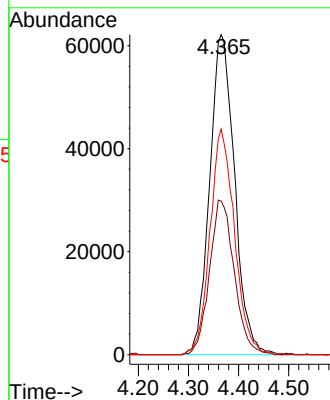
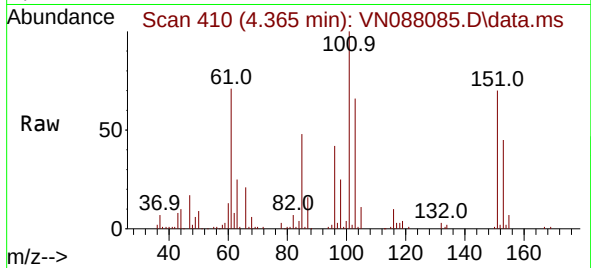




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.641 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.000 min
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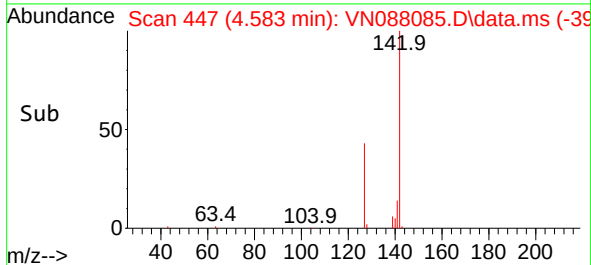
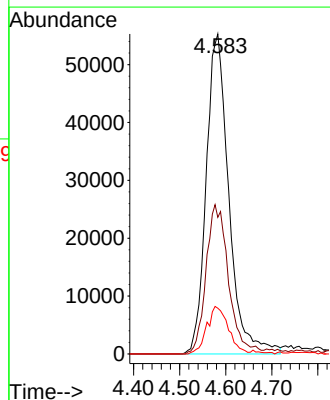
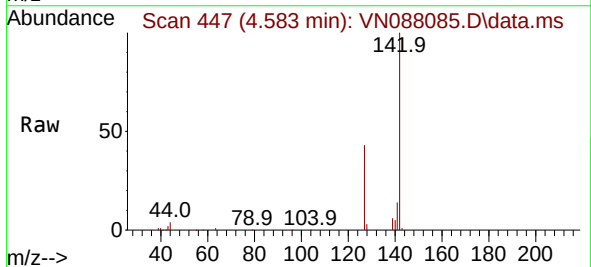
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

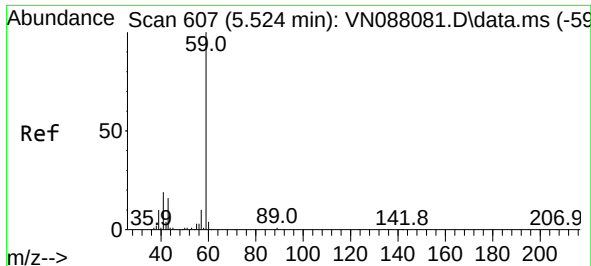
Tgt Ion:101 Resp: 214444
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 69.3 54.7 82.1



#10
Methyl Iodide
Concen: 48.914 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:142 Resp: 188924
Ion Ratio Lower Upper
142 100
127 42.7 38.0 57.0
141 14.3 12.0 18.0

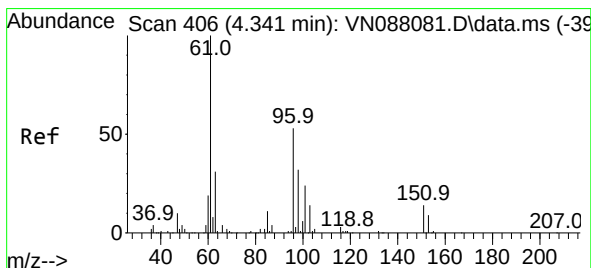
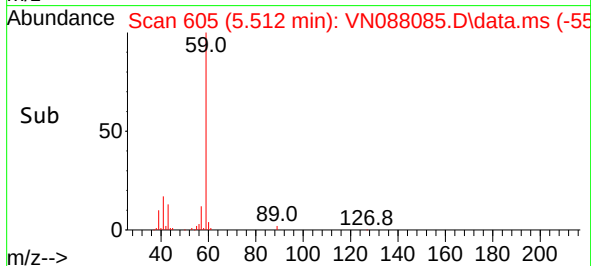
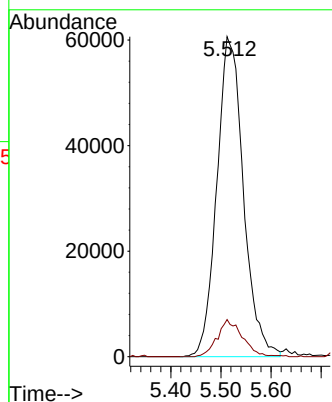
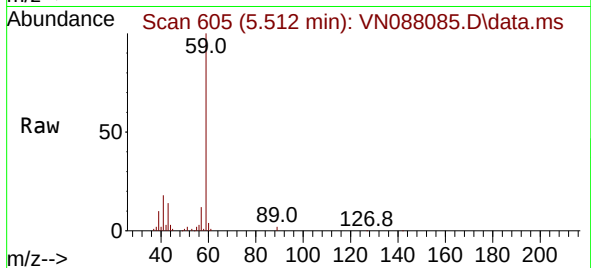




#11
Tert butyl alcohol
Concen: 227.357 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

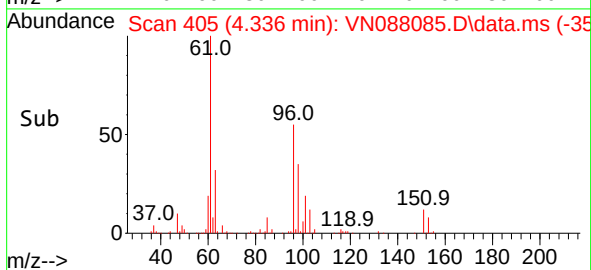
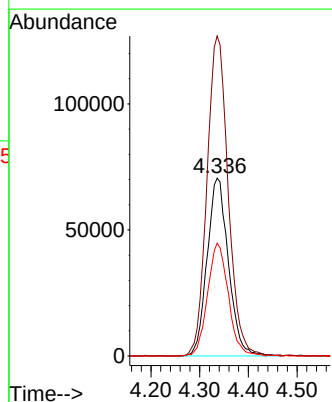
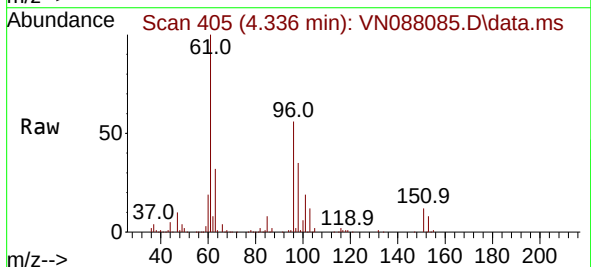
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

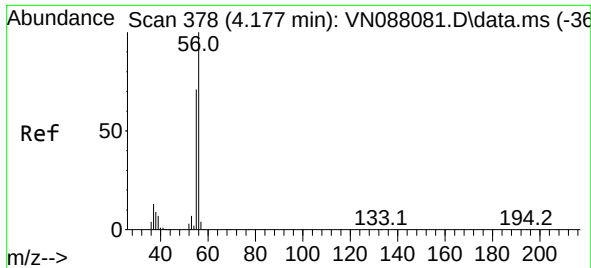
Tgt Ion: 59 Resp: 223370
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4



#12
1,1-Dichloroethene
Concen: 51.748 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 96 Resp: 214504
Ion Ratio Lower Upper
96 100
61 180.0 143.8 215.8
98 63.5 52.1 78.1

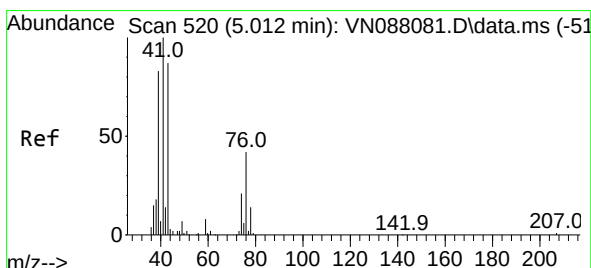
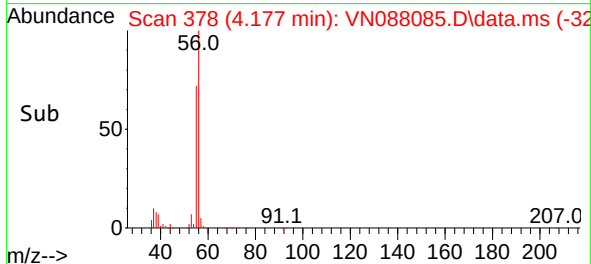
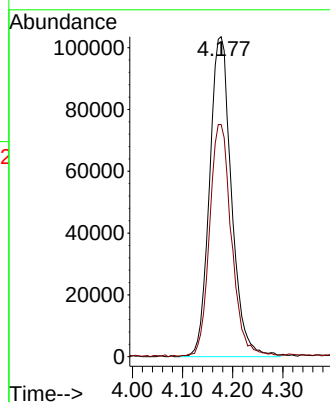
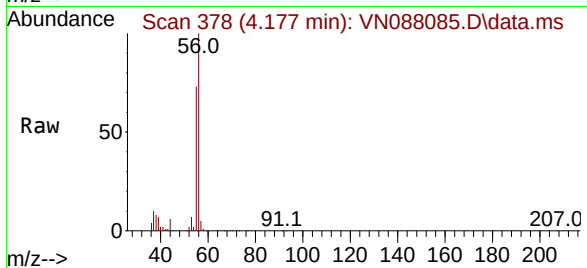




#13
Acrolein
Concen: 285.010 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

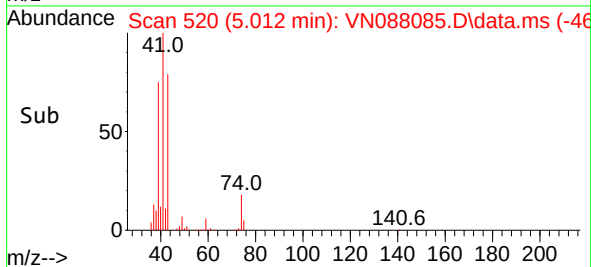
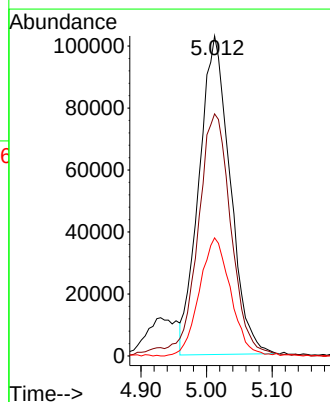
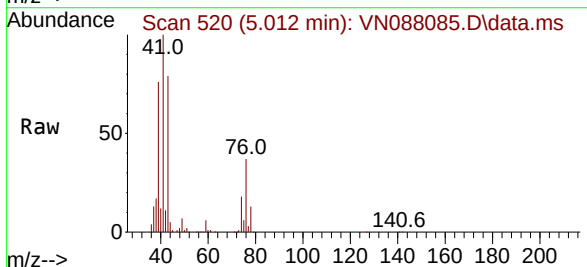
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

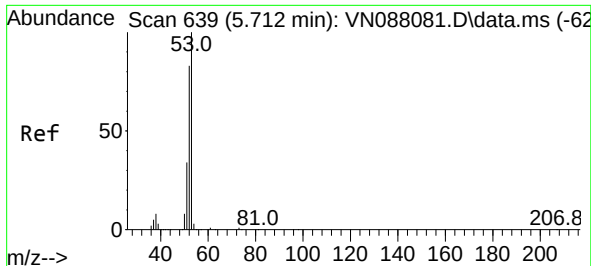
Tgt Ion: 56 Resp: 314965
Ion Ratio Lower Upper
56 100
55 72.1 57.3 85.9



#14
Allyl chloride
Concen: 46.622 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 41 Resp: 338733
Ion Ratio Lower Upper
41 100
39 82.1 63.9 95.9
76 37.5 28.1 42.1

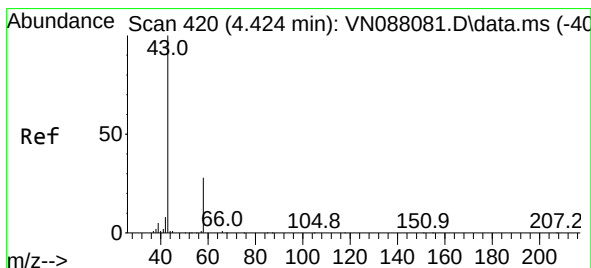
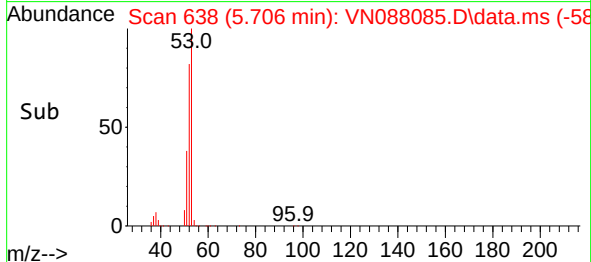
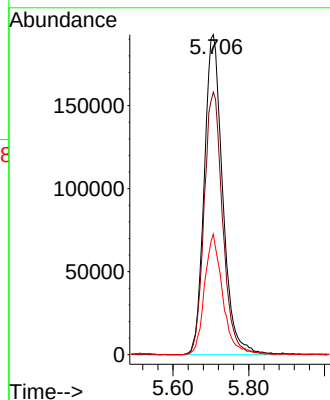
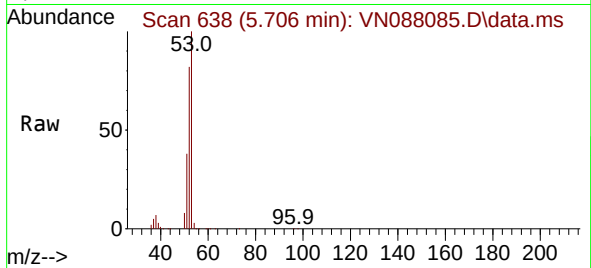




#15
Acrylonitrile
Concen: 243.784 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

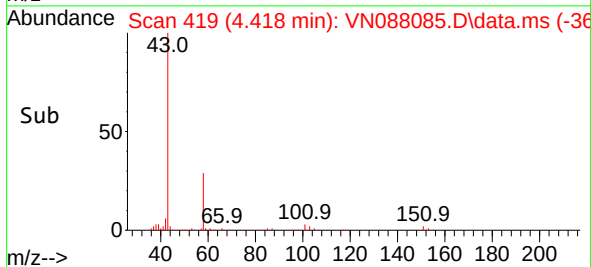
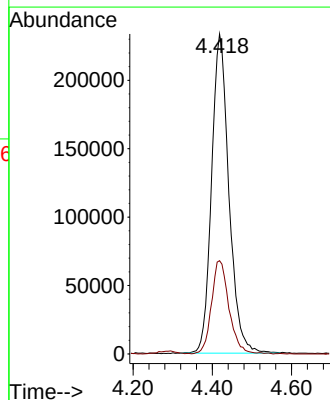
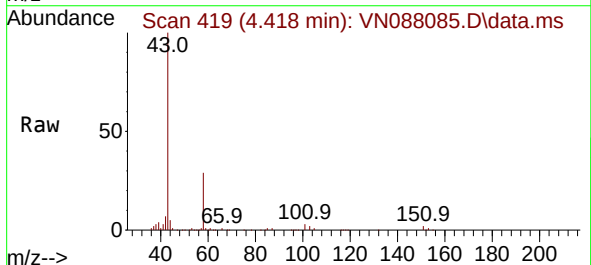
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

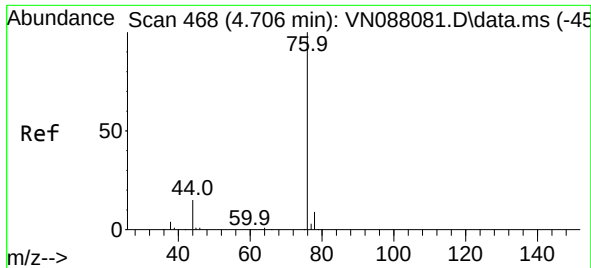
Tgt Ion: 53 Resp: 652411
Ion Ratio Lower Upper
53 100
52 82.1 67.6 101.4
51 37.1 30.1 45.1



#16
Acetone
Concen: 247.368 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 43 Resp: 708708
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8

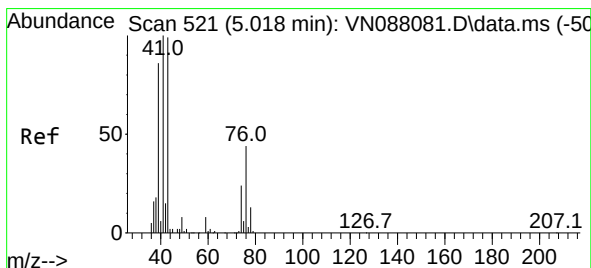
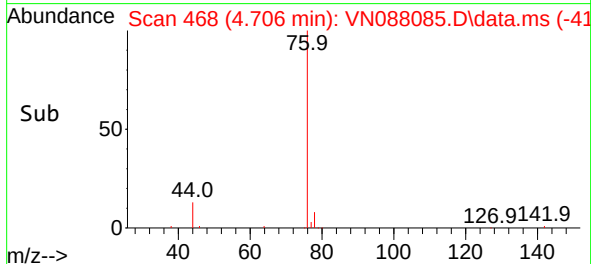
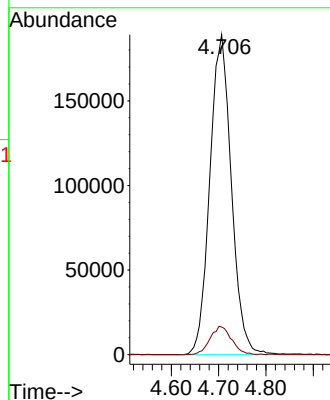
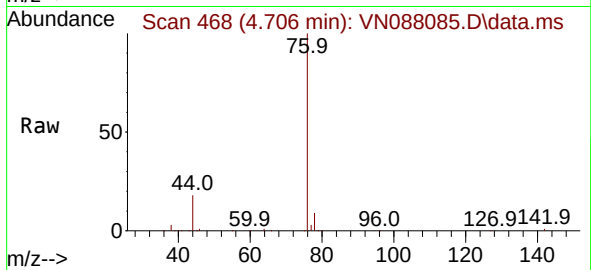




#17
Carbon Disulfide
Concen: 47.390 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

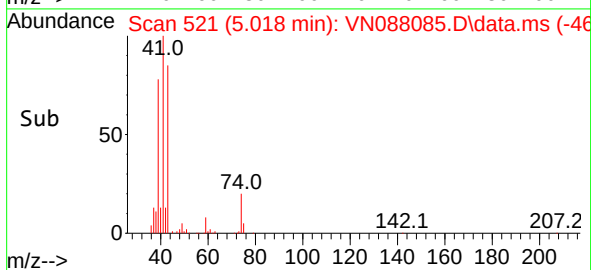
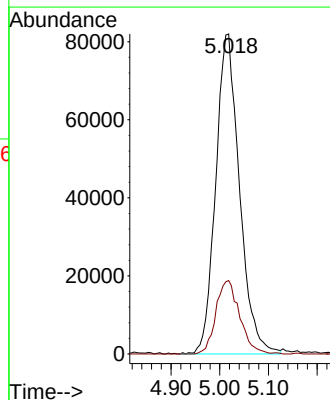
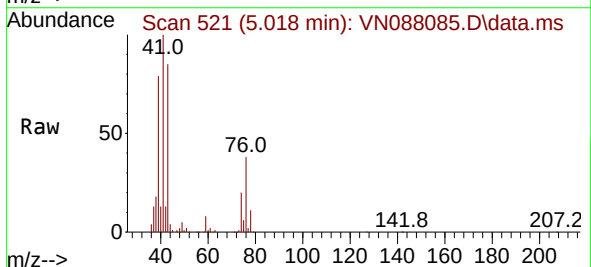
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

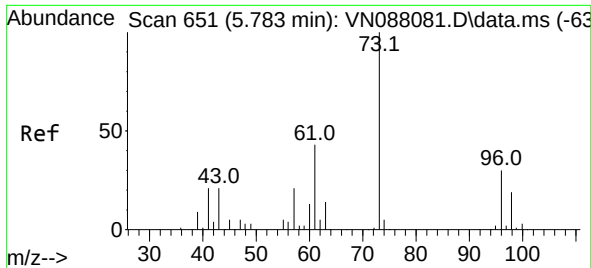
Tgt Ion: 76 Resp: 597135
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 47.467 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 43 Resp: 278412
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4

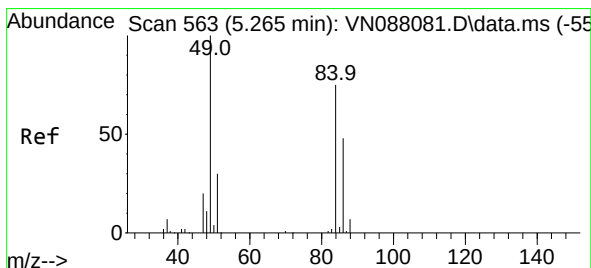
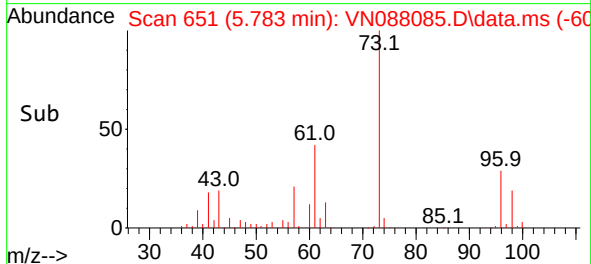
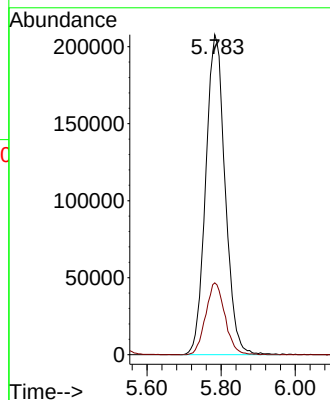
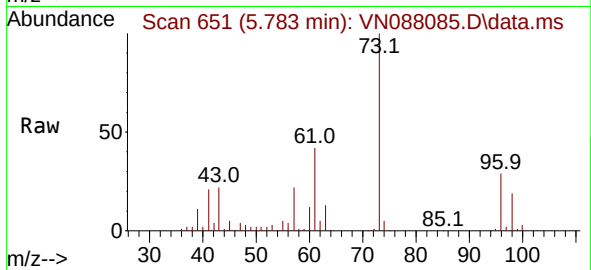




#19
Methyl tert-butyl Ether
Concen: 49.555 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

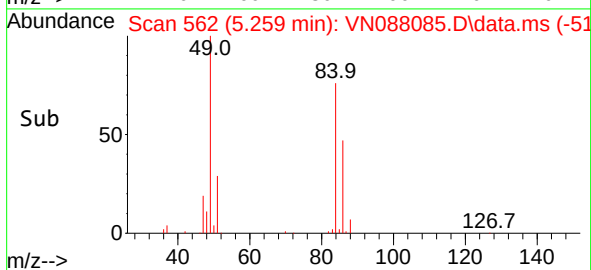
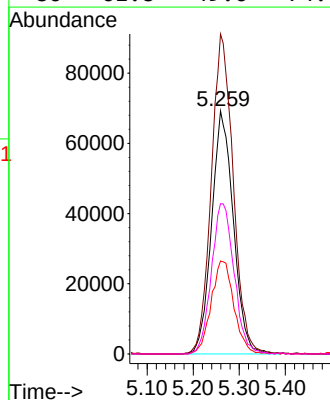
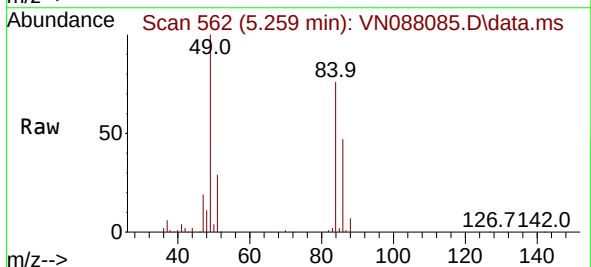
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

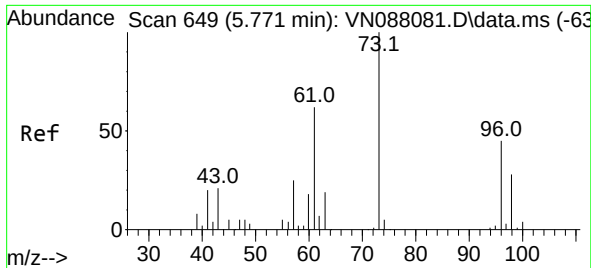
Tgt Ion: 73 Resp: 754371
Ion Ratio Lower Upper
73 100
57 22.5 18.4 27.6



#20
Methylene Chloride
Concen: 50.891 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 84 Resp: 226995
Ion Ratio Lower Upper
84 100
49 131.7 103.4 155.2
51 38.2 33.8 50.8
86 61.8 49.6 74.4

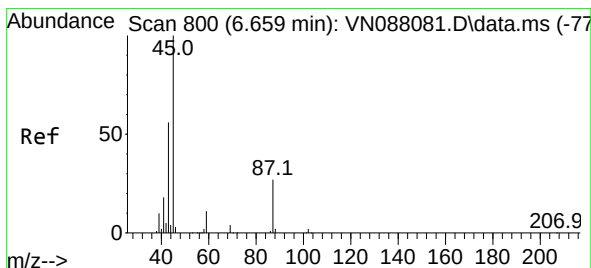
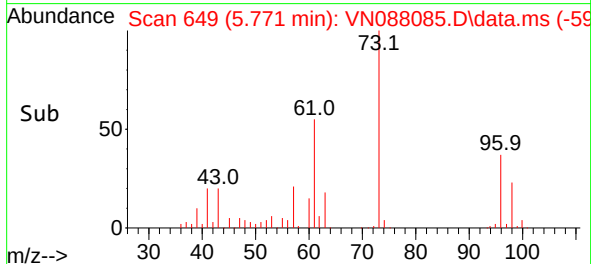
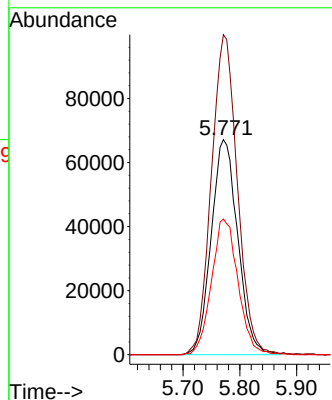
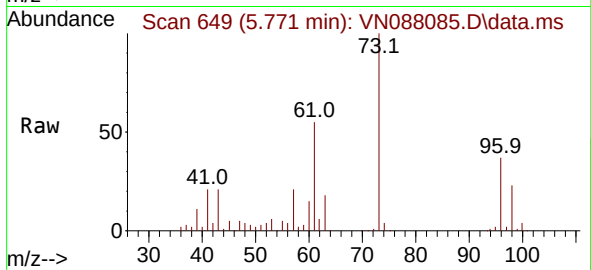




#21
trans-1,2-Dichloroethene
Concen: 47.883 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

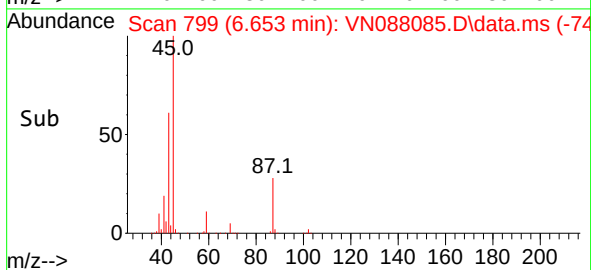
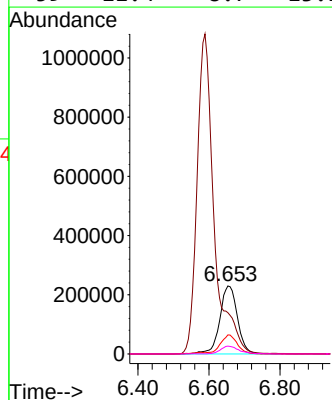
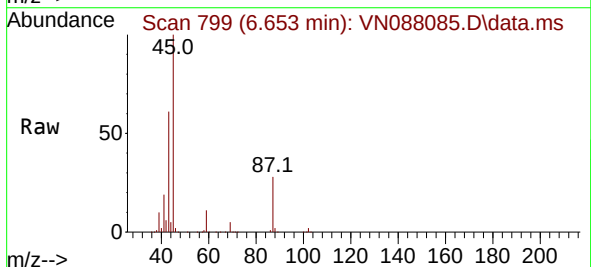
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

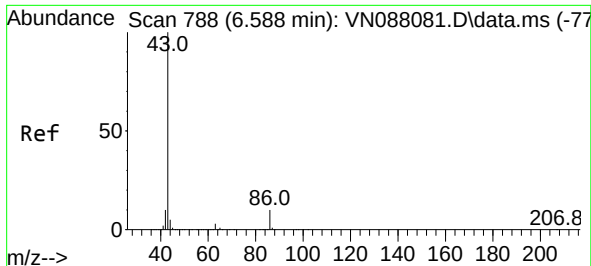
Tgt Ion: 96 Resp: 217864
Ion Ratio Lower Upper
96 100
61 148.8 118.0 177.0
98 63.1 50.0 75.0



#22
Diisopropyl ether
Concen: 51.691 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 45 Resp: 789811
Ion Ratio Lower Upper
45 100
43 60.4 47.7 71.5
87 28.1 21.4 32.0
59 11.4 8.7 13.1

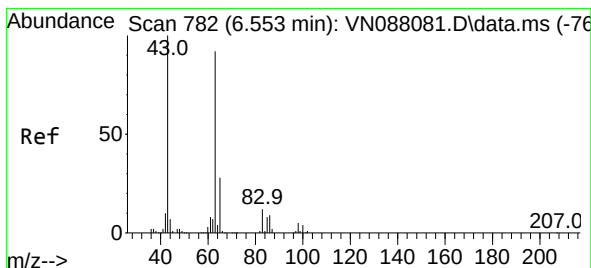
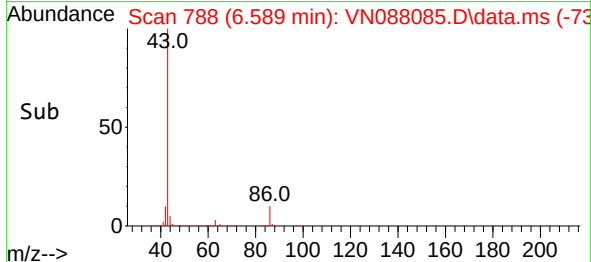
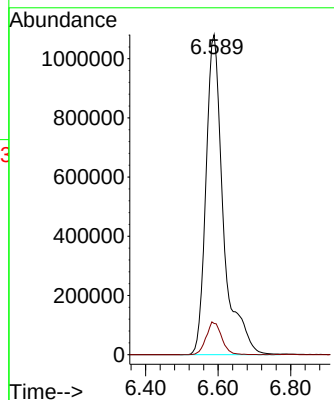
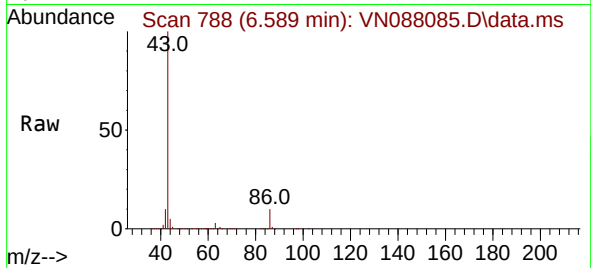




#23
 Vinyl Acetate
 Concen: 261.399 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

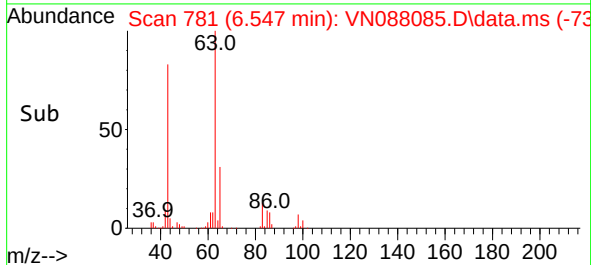
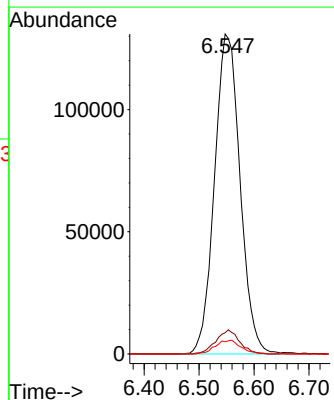
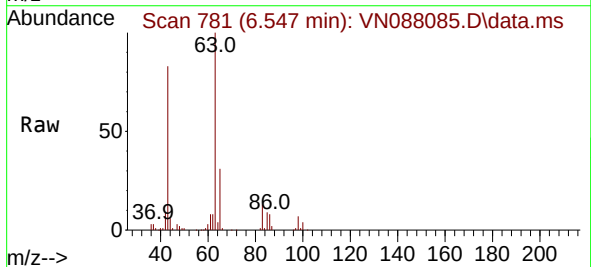
Instrument :
 MSVOA_N
 ClientSampleId :
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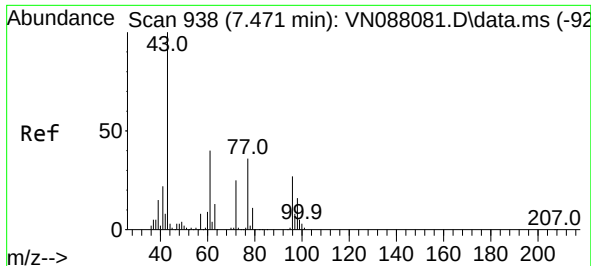
Tgt Ion: 43 Resp: 3597787
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 49.935 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

Tgt Ion: 63 Resp: 422648
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 3.8 2.0 6.0

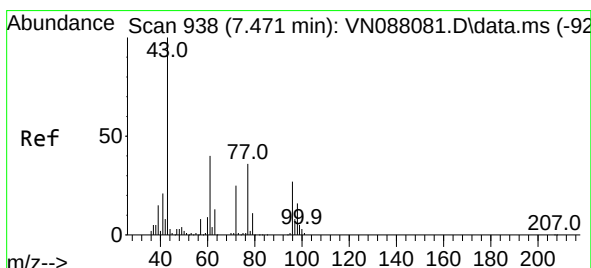
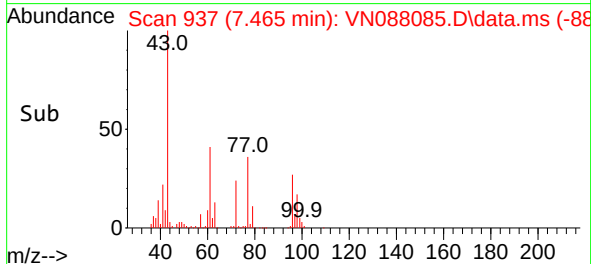
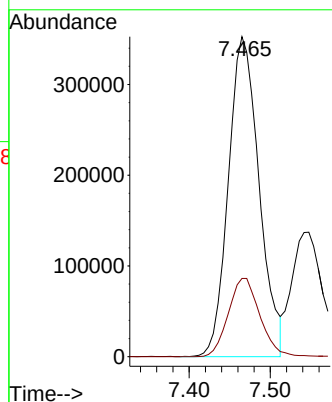
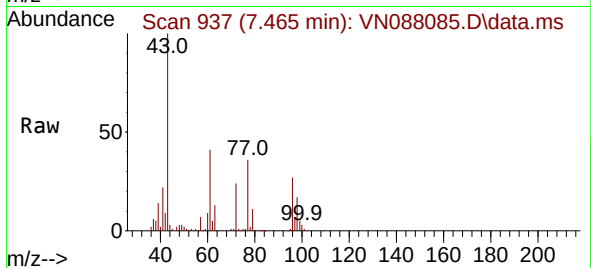




#25
2-Butanone
Concen: 246.326 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

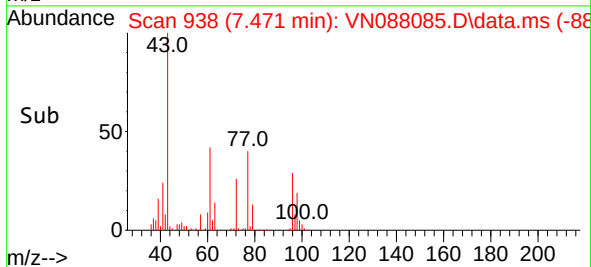
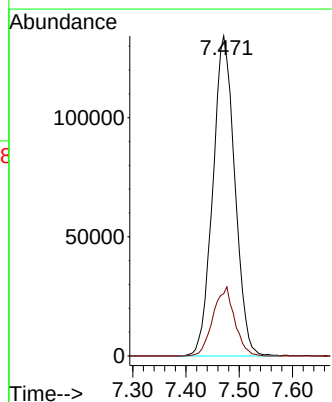
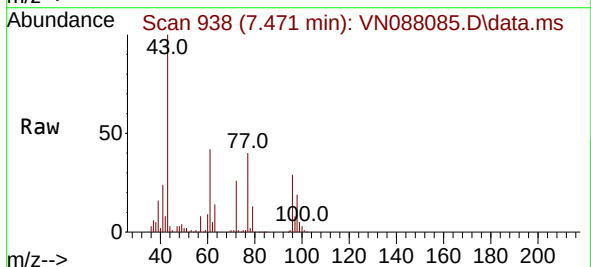
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

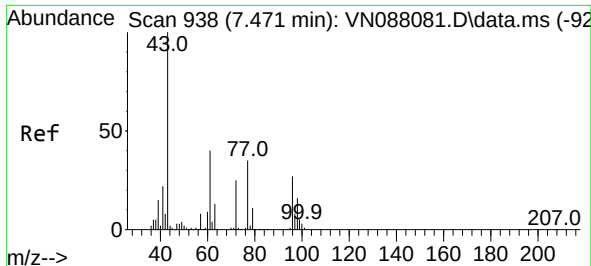
Tgt Ion: 43 Resp: 930039
Ion Ratio Lower Upper
43 100
72 24.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.040 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 77 Resp: 384885
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7

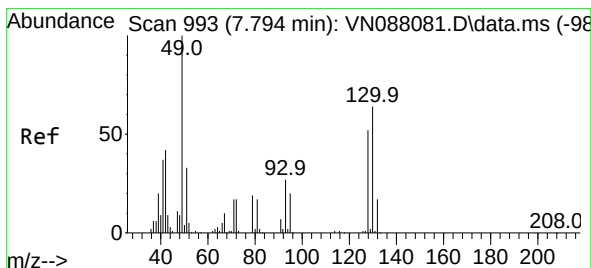
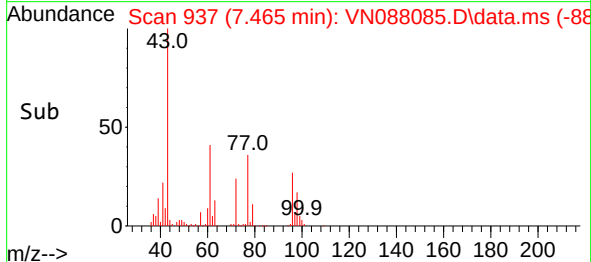
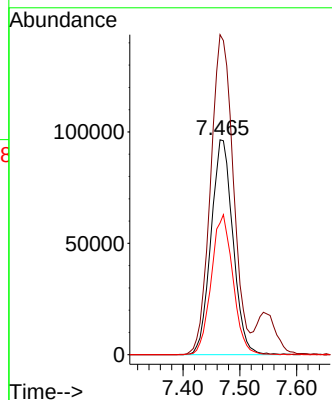
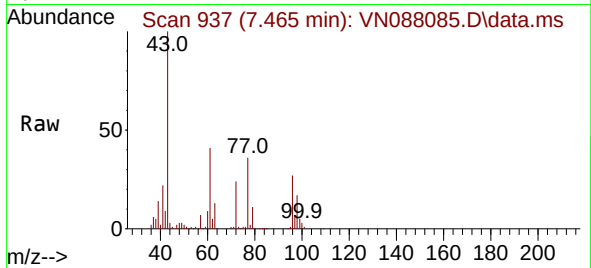




#27
 cis-1,2-Dichloroethene
 Concen: 49.410 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

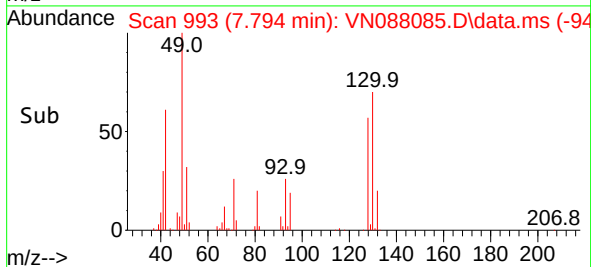
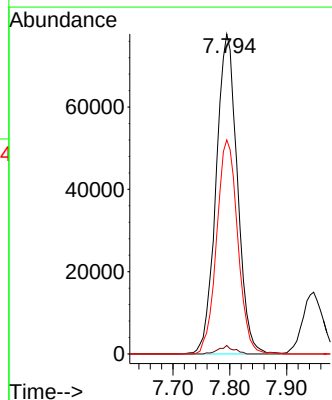
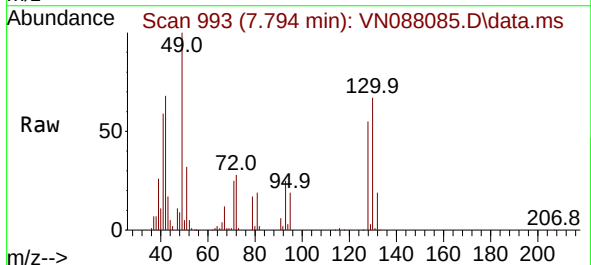
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102325

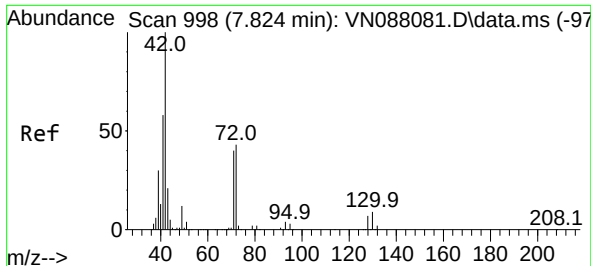
Tgt Ion: 96 Resp: 258806
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 301.8
 98 64.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 50.544 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

Tgt Ion: 49 Resp: 202137
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 66.4 53.1 79.7

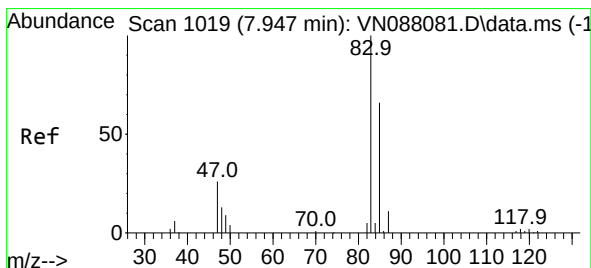
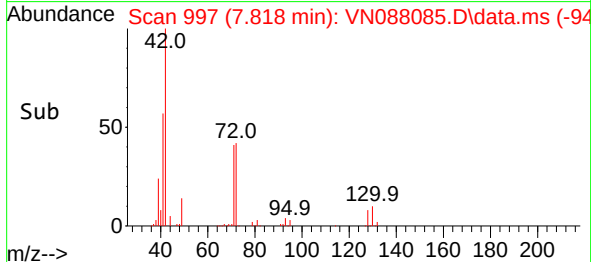
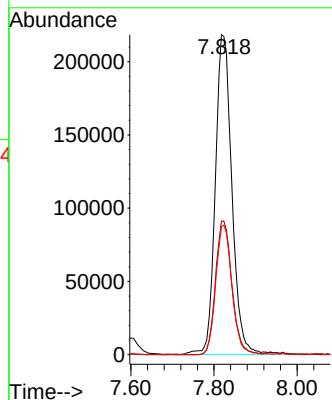
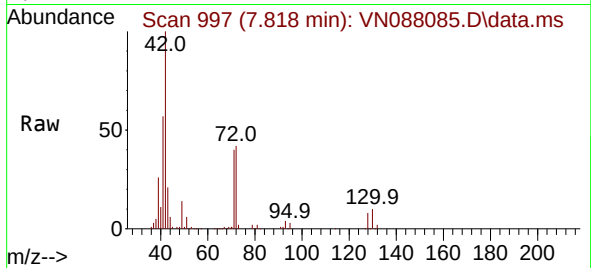




#29
Tetrahydrofuran
Concen: 245.497 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

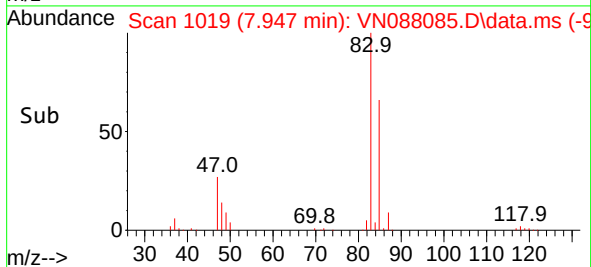
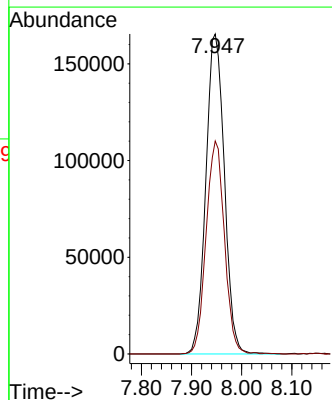
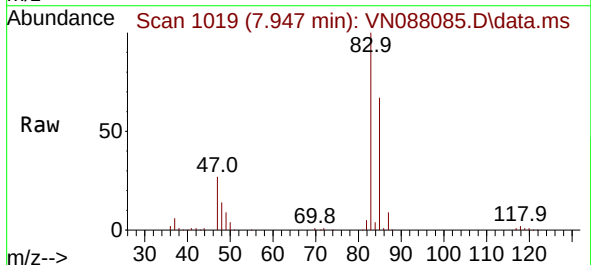
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

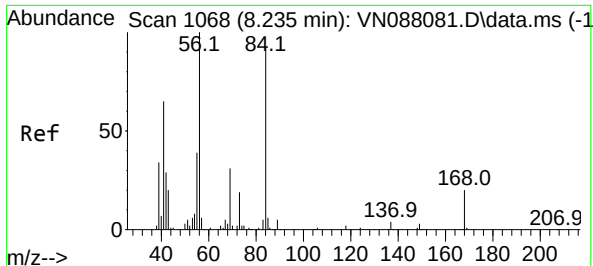
Tgt Ion: 42 Resp: 604070
Ion Ratio Lower Upper
42 100
72 41.4 33.7 50.5
71 39.6 31.9 47.9



#30
Chloroform
Concen: 50.104 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 83 Resp: 423655
Ion Ratio Lower Upper
83 100
85 66.5 50.7 76.1

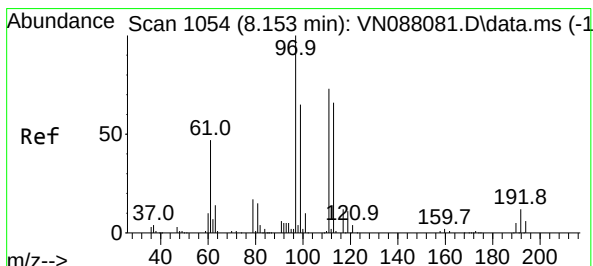
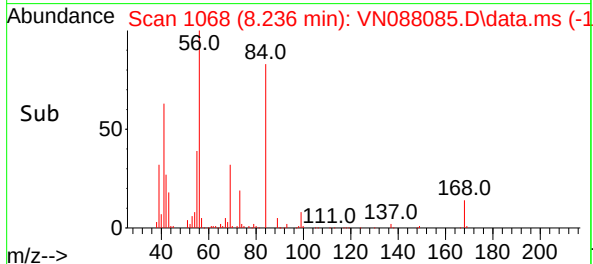
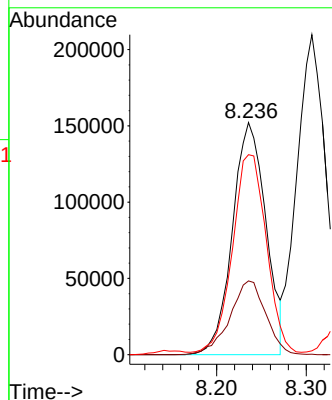
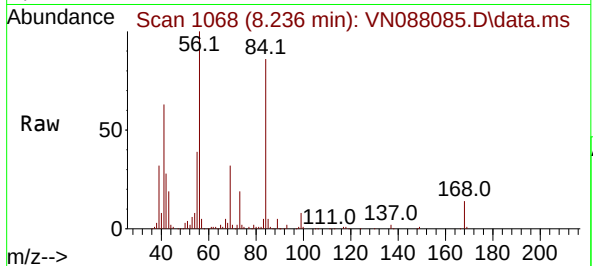




#31
Cyclohexane
Concen: 49.485 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

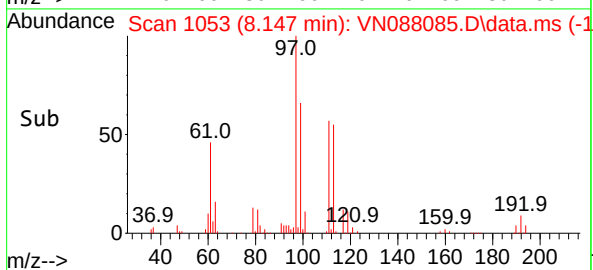
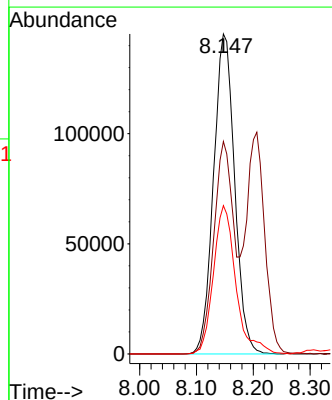
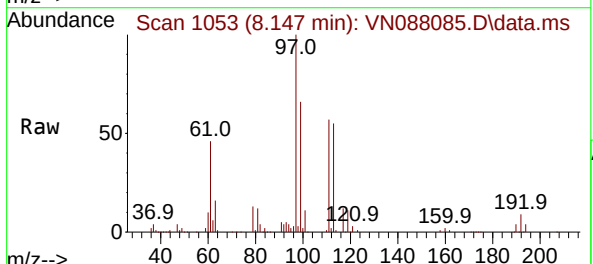
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

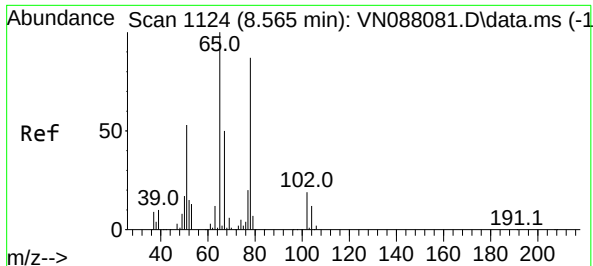
Tgt Ion: 56 Resp: 395022
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 84.6 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 49.791 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 97 Resp: 374970
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 49.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.699 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

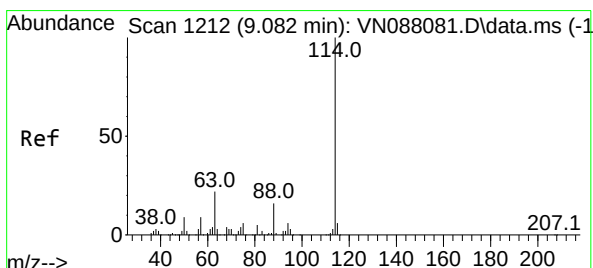
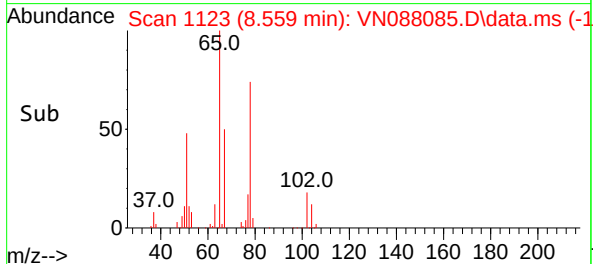
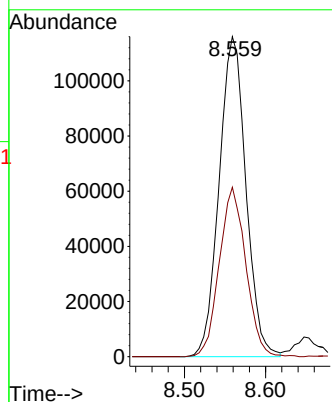
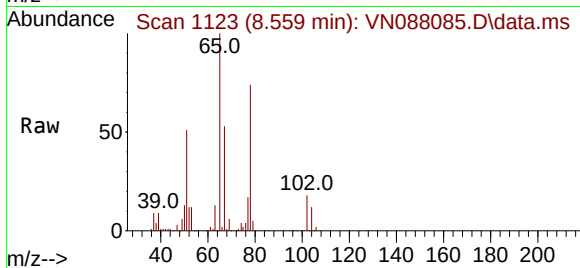
ICVVN102325

Tgt Ion: 65 Resp: 266313

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

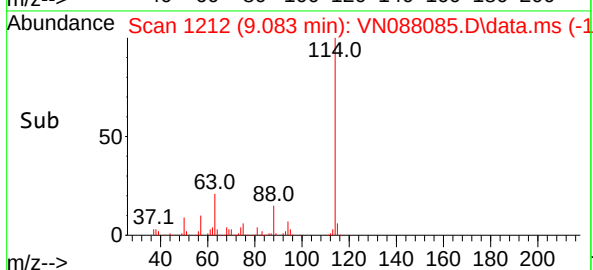
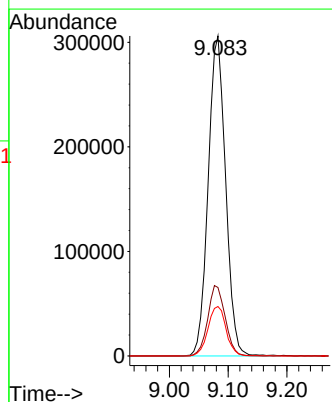
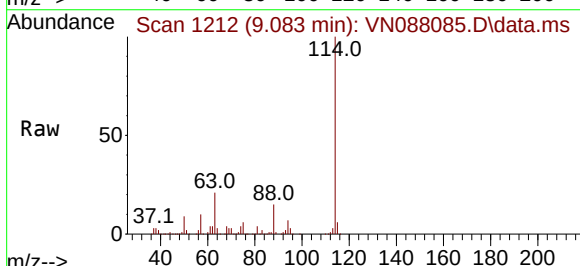
Tgt Ion: 114 Resp: 629673

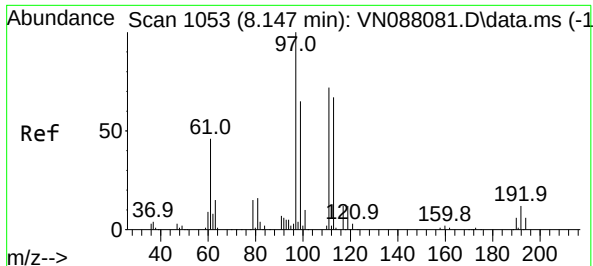
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.2

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.865 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102325

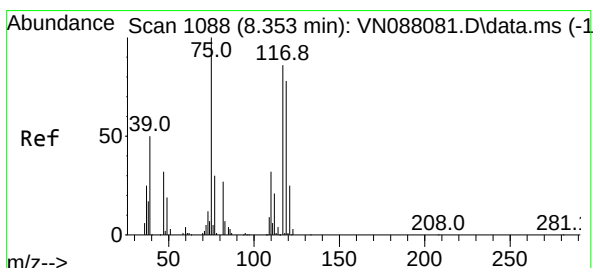
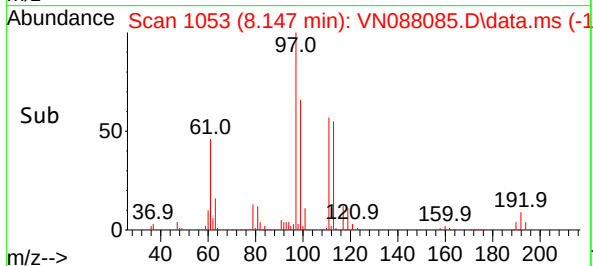
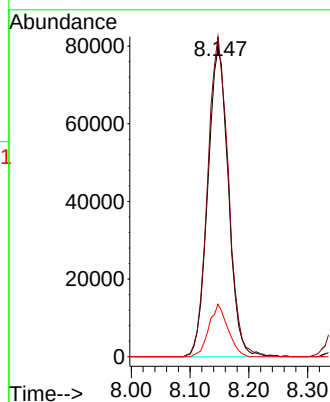
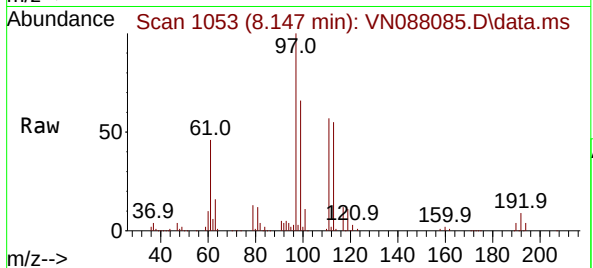
Tgt Ion:113 Resp: 194019

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

192 15.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 49.383 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

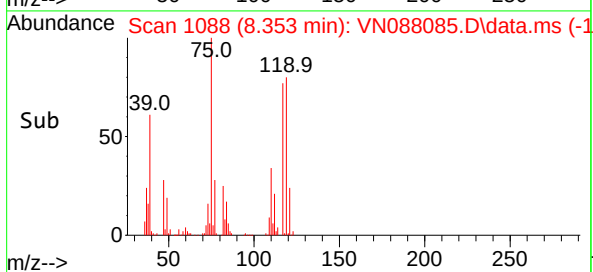
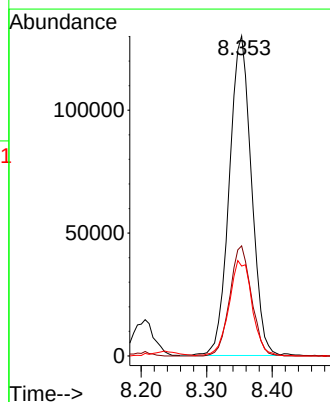
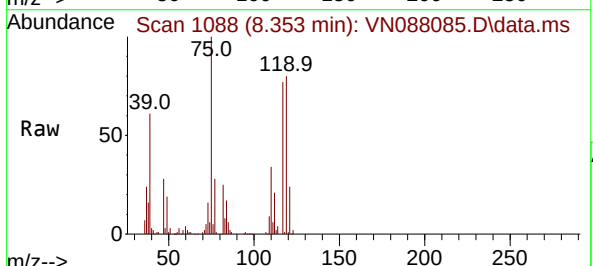
Tgt Ion: 75 Resp: 305017

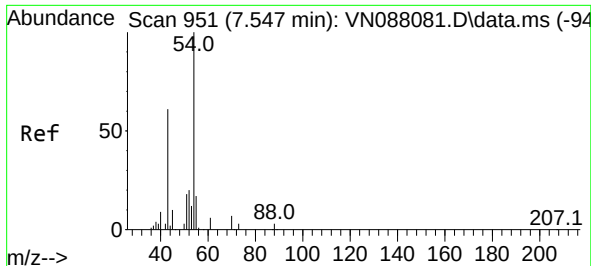
Ion Ratio Lower Upper

75 100

110 33.8 15.9 47.6

77 31.3 24.4 36.6

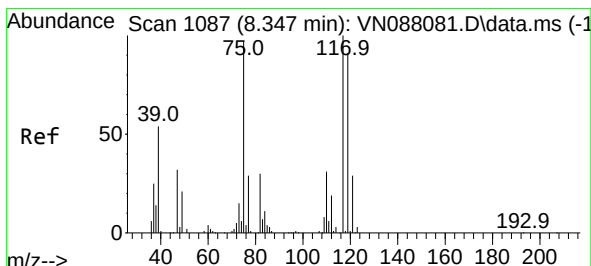
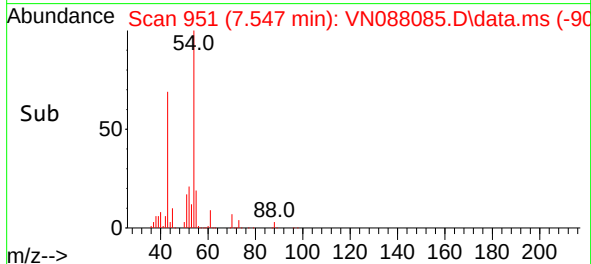
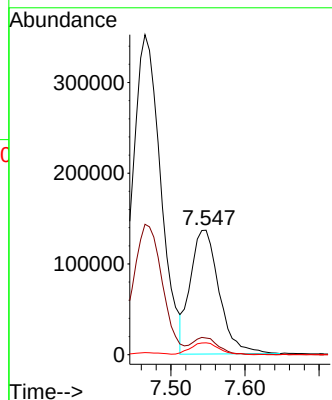
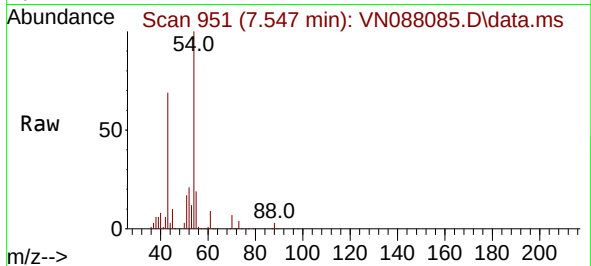




#37
Ethyl Acetate
Concen: 46.186 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

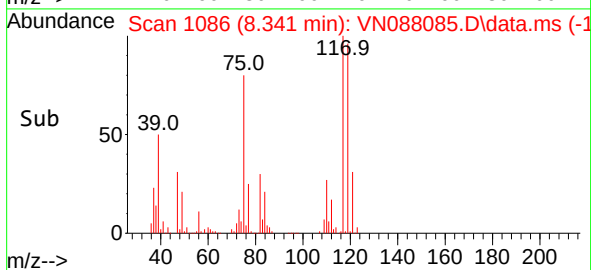
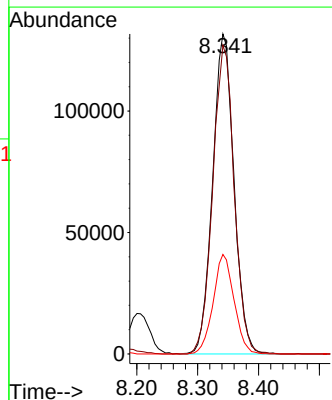
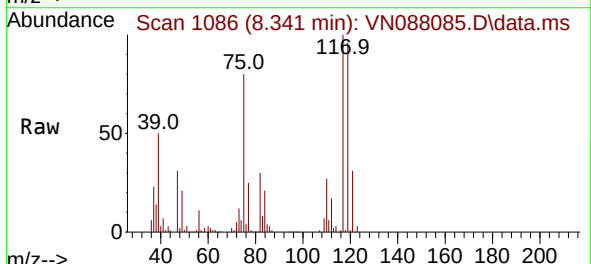
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

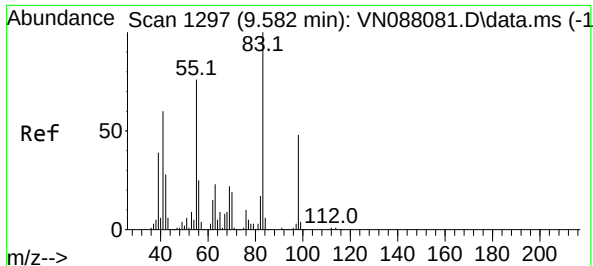
Tgt Ion: 43 Resp: 368137
Ion Ratio Lower Upper
43 100
61 13.0 9.3 13.9
70 9.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 50.287 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 117 Resp: 320797
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 31.1 25.0 37.6





#39

Methylcyclohexane

Concen: 49.916 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102325

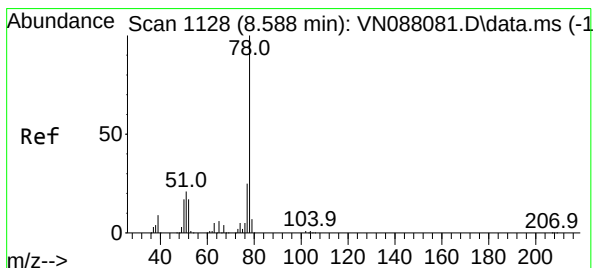
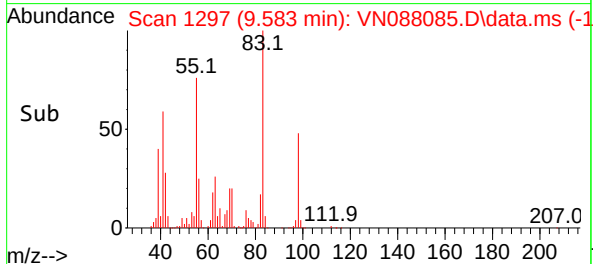
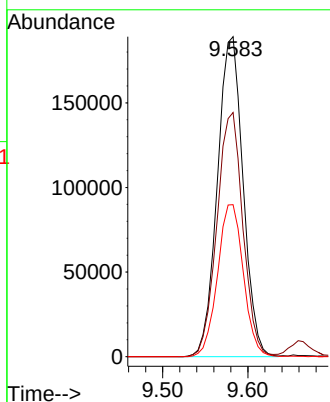
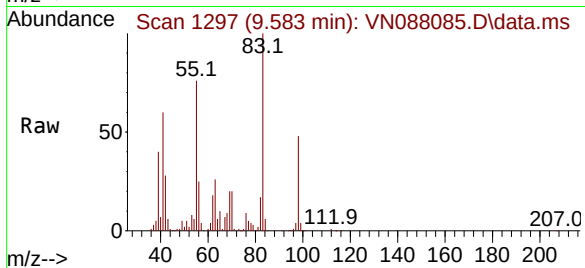
Tgt Ion: 83 Resp: 396292

Ion Ratio Lower Upper

83 100

55 76.3 64.6 96.8

98 47.5 38.4 57.6



#40

Benzene

Concen: 49.611 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088085.D

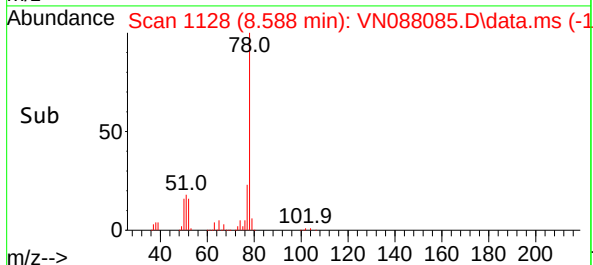
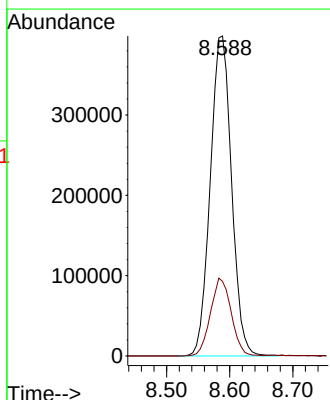
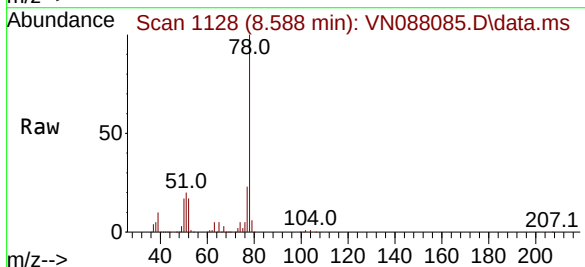
Acq: 23 Oct 2025 14:54

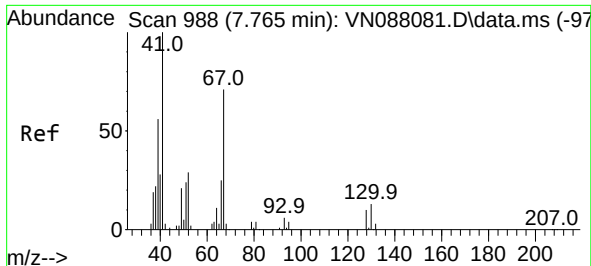
Tgt Ion: 78 Resp: 933204

Ion Ratio Lower Upper

78 100

77 23.3 19.7 29.5



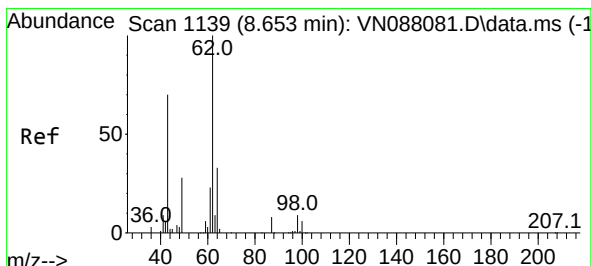
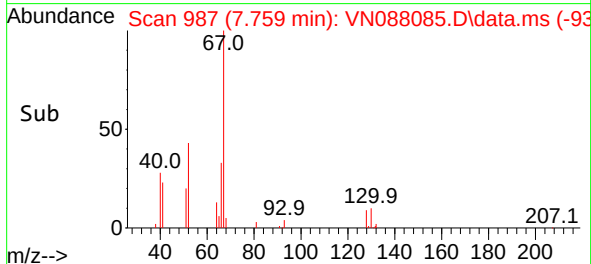
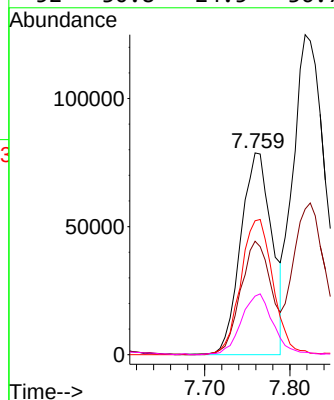
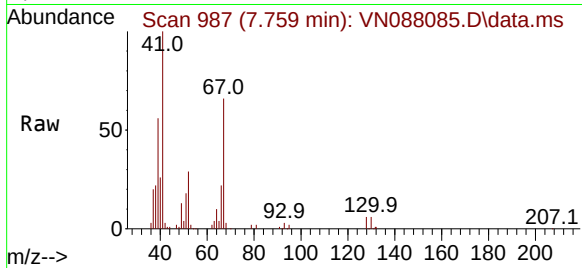


#41
Methacrylonitrile
Concen: 48.042 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Tgt Ion: 41 Resp: 201543

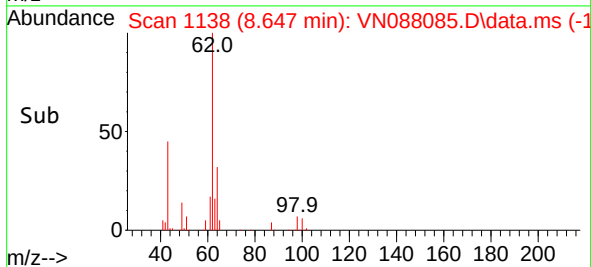
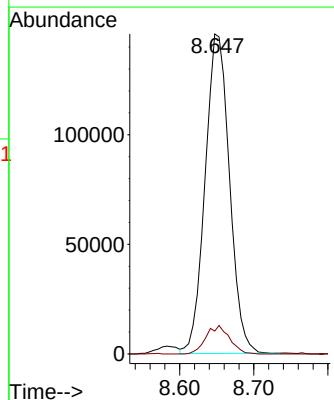
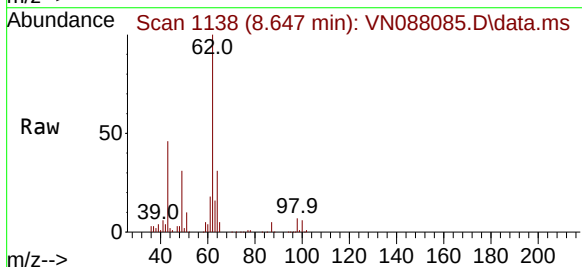
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.4	68.0
67	69.1	55.3	82.9
52	30.8	24.5	36.7

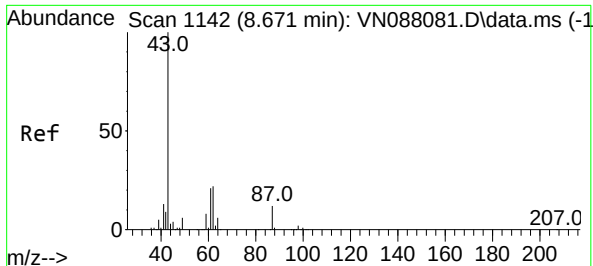


#42
1,2-Dichloroethane
Concen: 49.855 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 62 Resp: 333208

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4

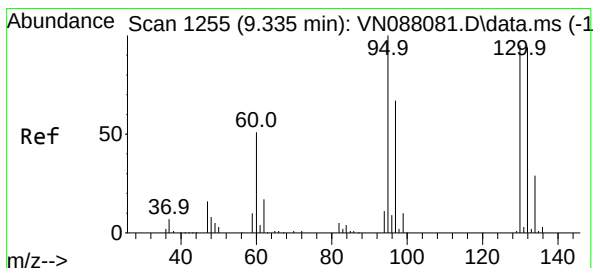
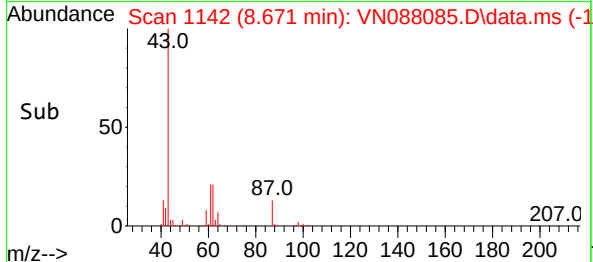
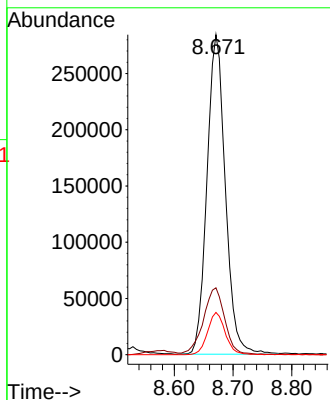
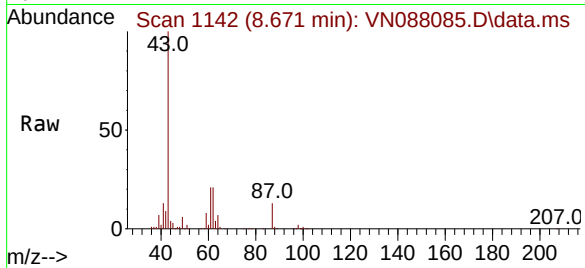




#43
Isopropyl Acetate
Concen: 50.434 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

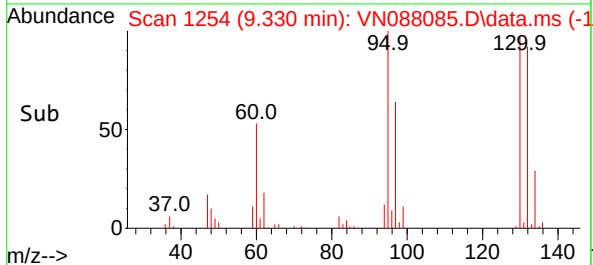
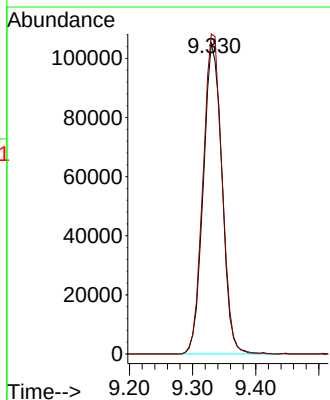
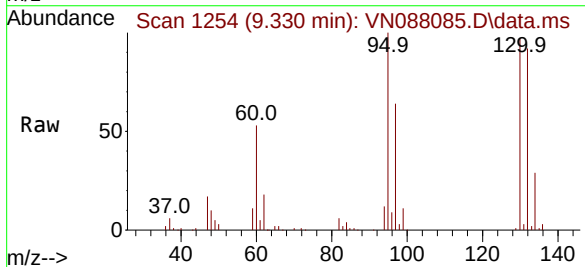
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

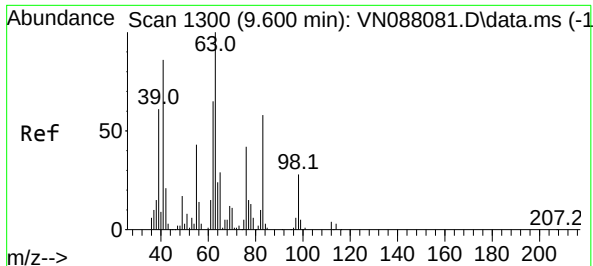
Tgt Ion: 43 Resp: 617708
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 49.112 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:130 Resp: 215931
Ion Ratio Lower Upper
130 100
95 103.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 49.237 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

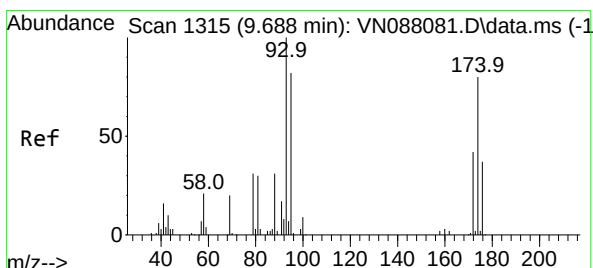
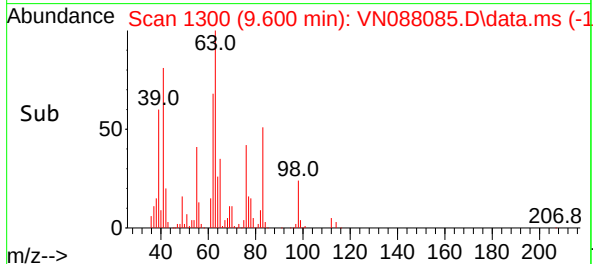
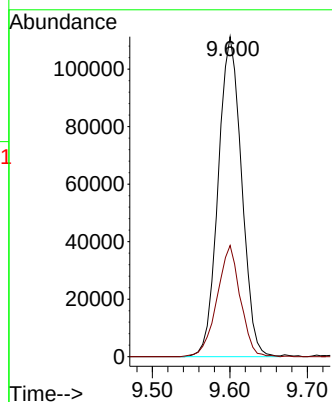
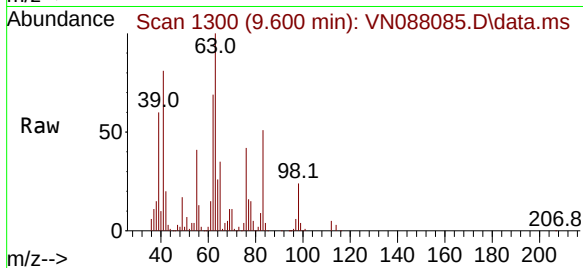
ICVVN102325

Tgt Ion: 63 Resp: 233818

Ion Ratio Lower Upper

63 100

65 34.7 25.0 37.4



#46

Dibromomethane

Concen: 50.069 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

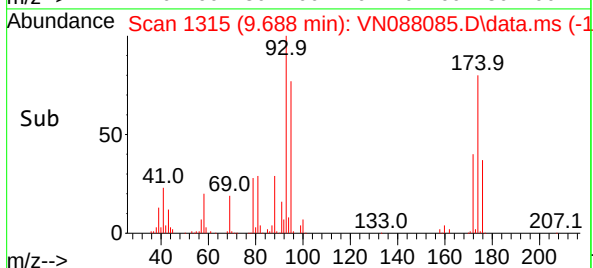
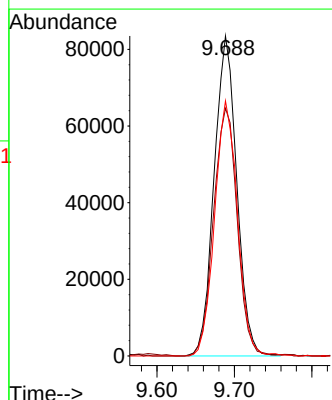
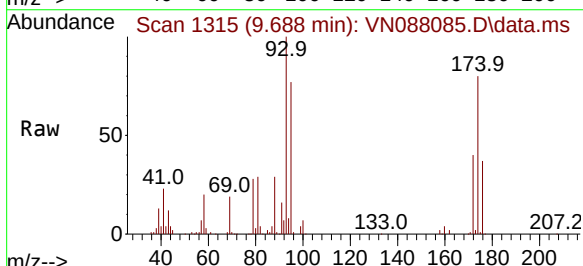
Tgt Ion: 93 Resp: 169580

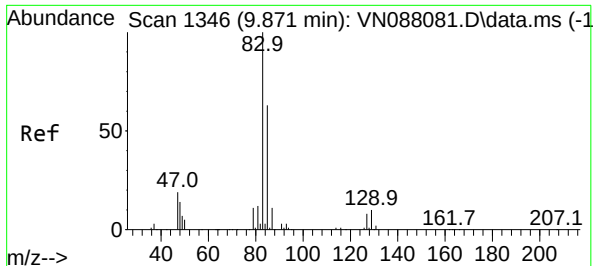
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 80.6 63.4 95.2

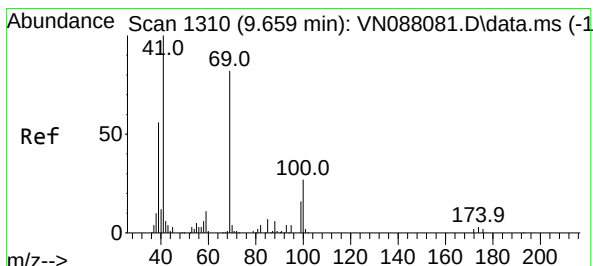
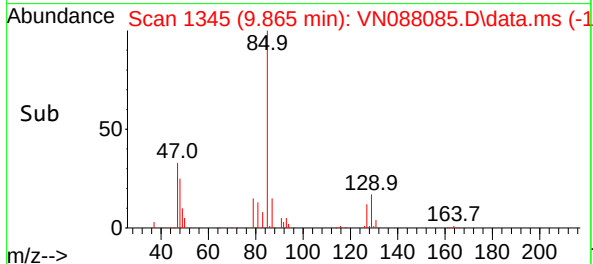
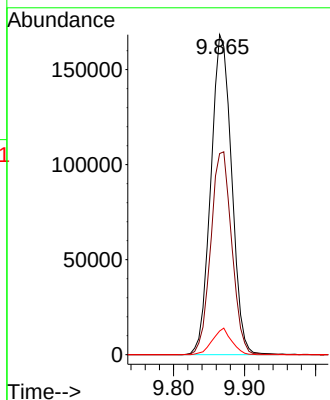
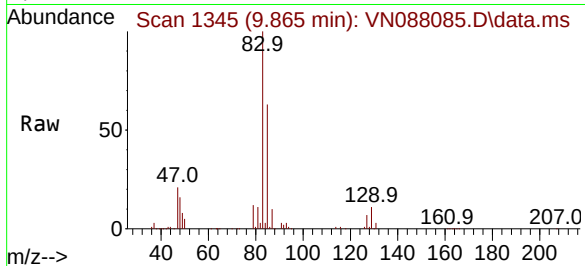




#47
Bromodichloromethane
Concen: 50.420 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

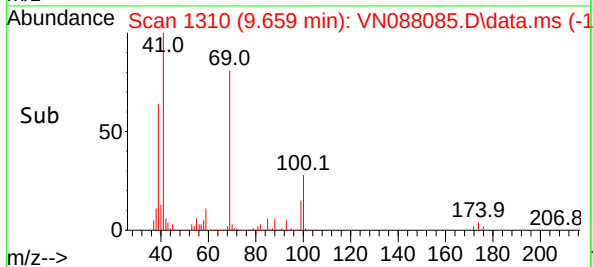
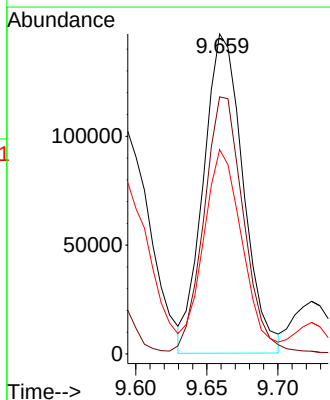
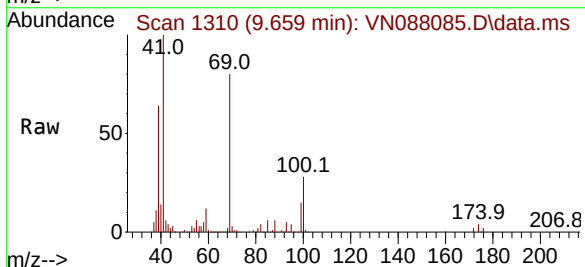
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

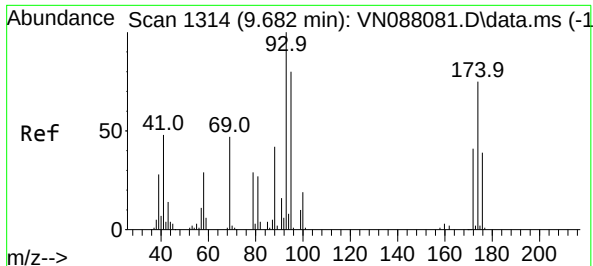
Tgt Ion: 83 Resp: 341897
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7
127 7.4 5.8 8.6



#48
Methyl methacrylate
Concen: 50.456 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 41 Resp: 285311
Ion Ratio Lower Upper
41 100
69 80.6 62.7 94.1
39 62.9 52.9 79.3





#49

1,4-Dioxane

Concen: 967.465 ug/l

RT: 9.677 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102325

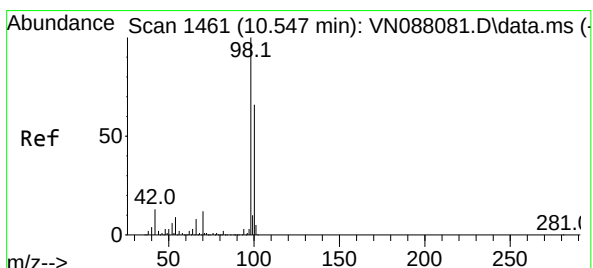
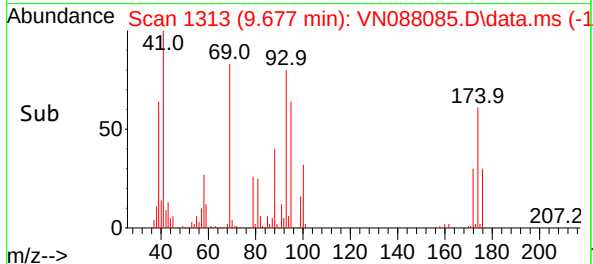
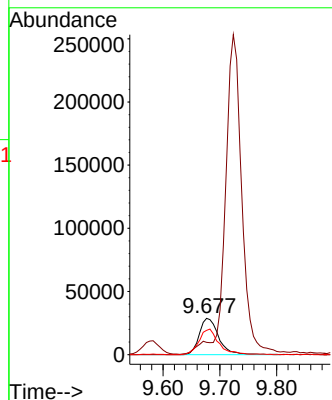
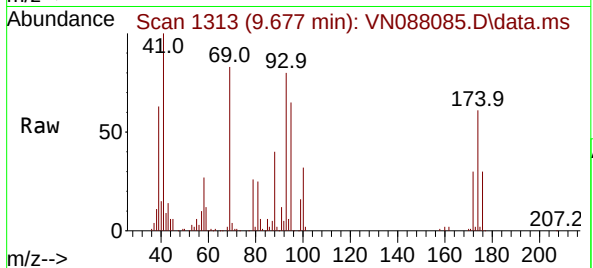
Tgt Ion: 88 Resp: 68041

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 71.6 57.9 86.9



#50

Toluene-d8

Concen: 46.842 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088085.D

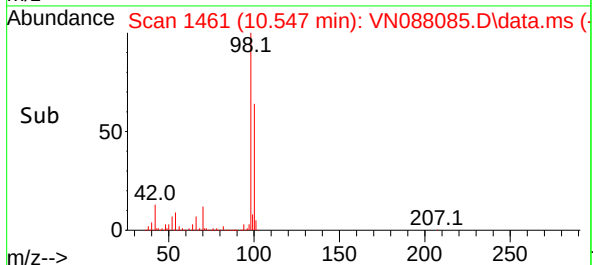
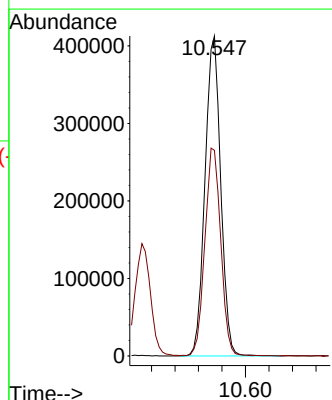
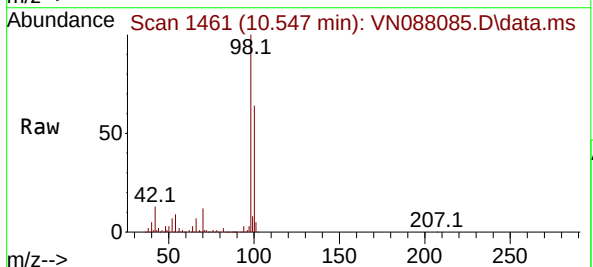
Acq: 23 Oct 2025 14:54

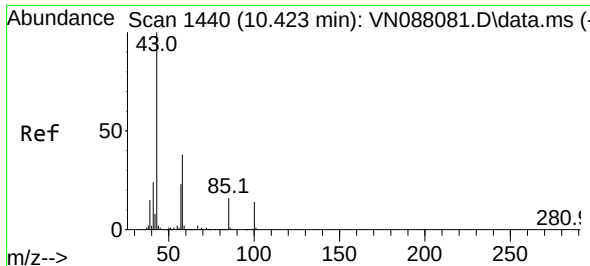
Tgt Ion: 98 Resp: 763509

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2

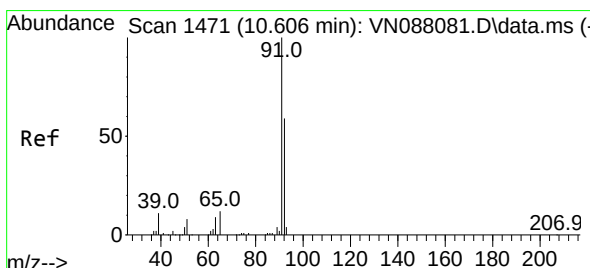
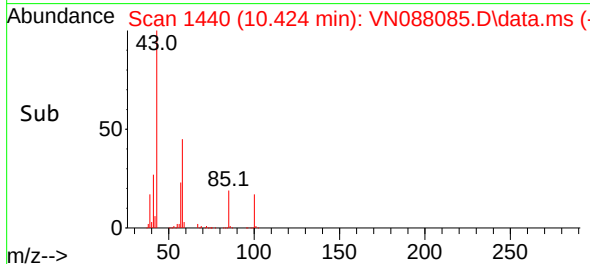
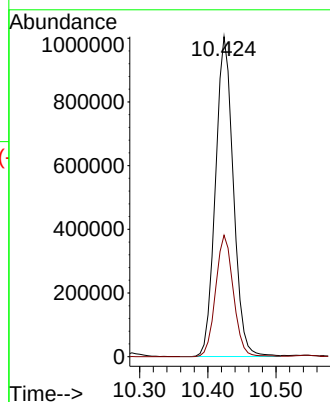
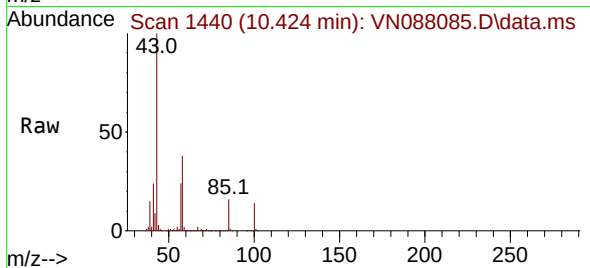




#51
4-Methyl-2-Pentanone
Concen: 253.315 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

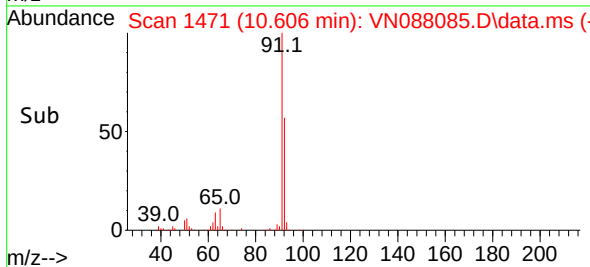
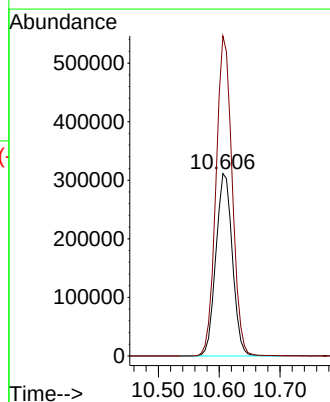
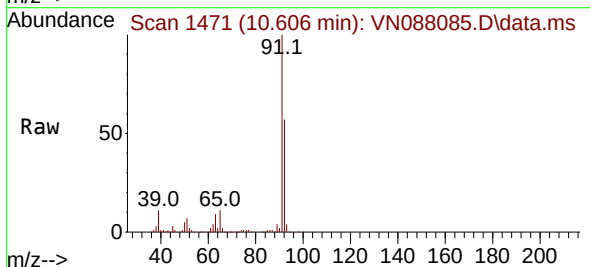
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

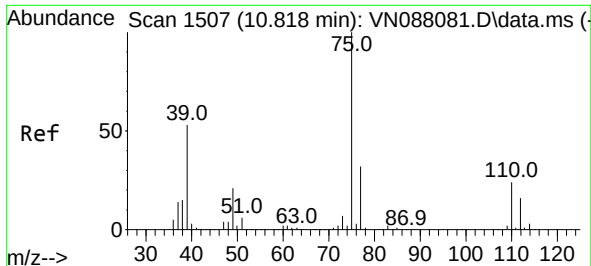
Tgt Ion: 43 Resp: 1835452
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4



#52
Toluene
Concen: 50.407 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 92 Resp: 584587
Ion Ratio Lower Upper
92 100
91 172.2 140.4 210.6

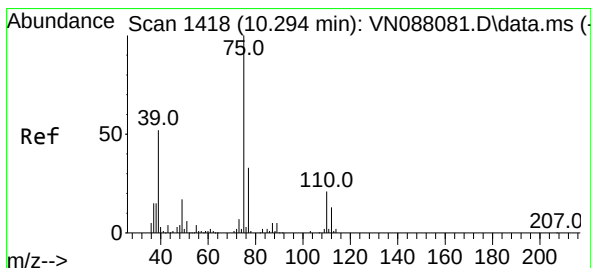
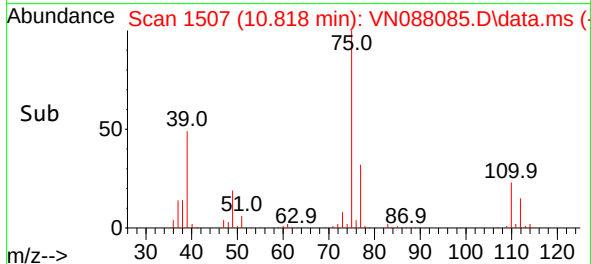
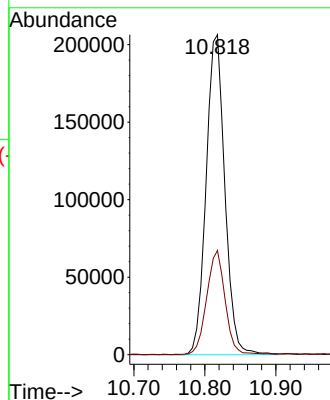
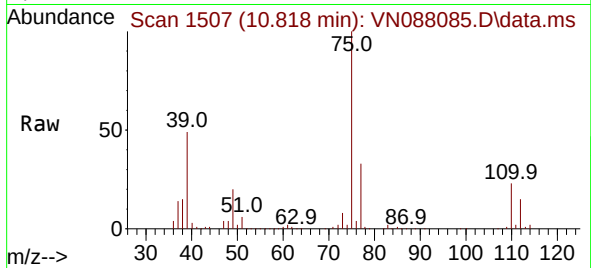




#53
t-1,3-Dichloropropene
Concen: 52.416 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

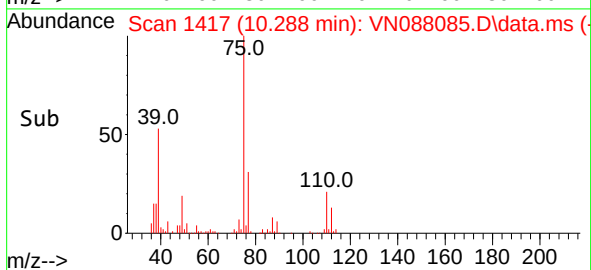
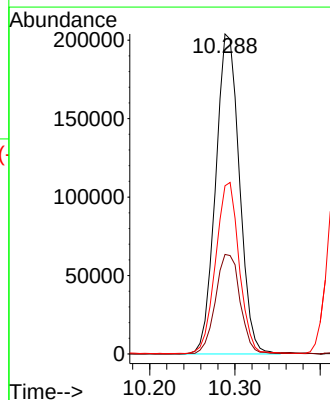
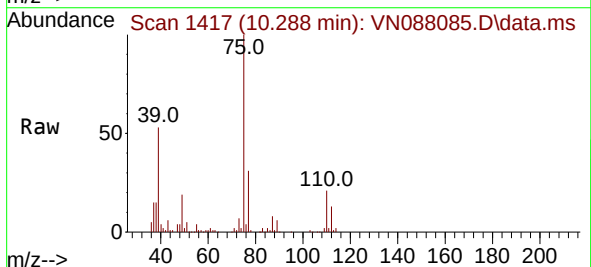
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

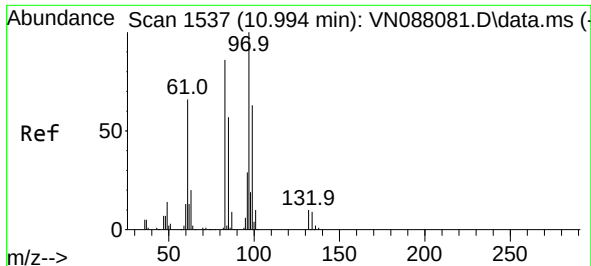
Tgt Ion: 75 Resp: 378294
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.721 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 75 Resp: 396097
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 52.4 45.2 67.8



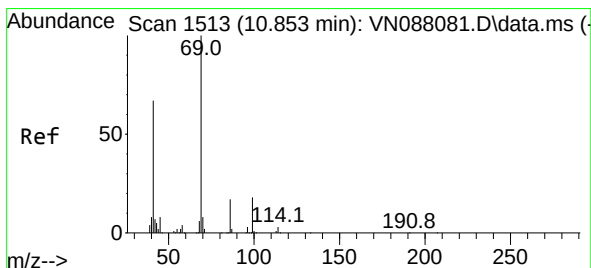
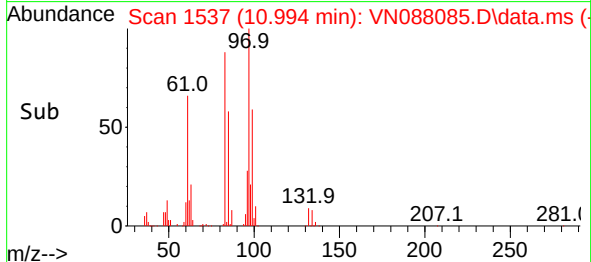
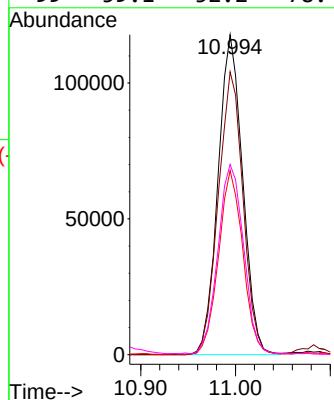
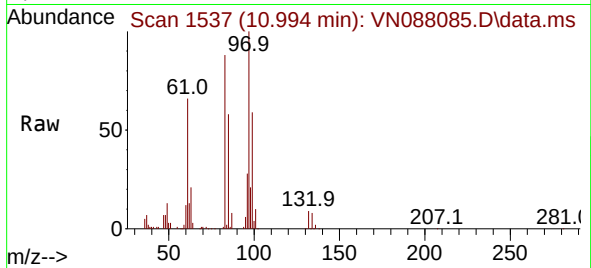


#55
1,1,2-Trichloroethane
Concen: 48.370 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

Tgt Ion: 97 Resp: 212827

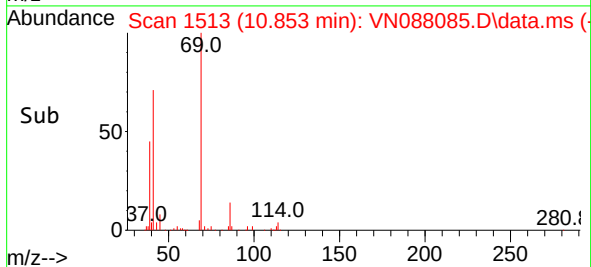
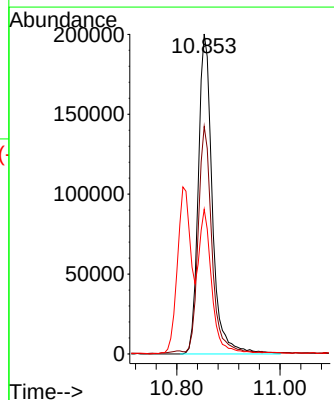
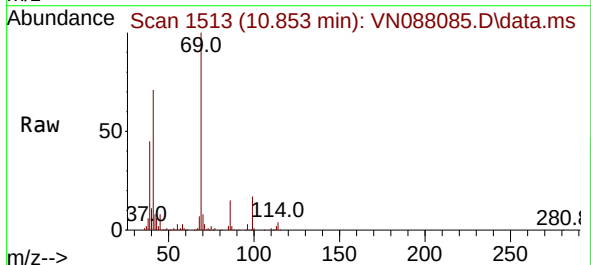
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.2	102.4
85	57.4	45.5	68.3
99	59.1	52.2	78.4

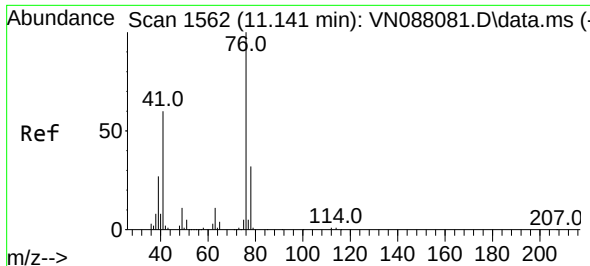


#56
Ethyl methacrylate
Concen: 54.214 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 69 Resp: 377487

Ion	Ratio	Lower	Upper
69	100		
41	67.5	56.5	84.7
39	40.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 50.877 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

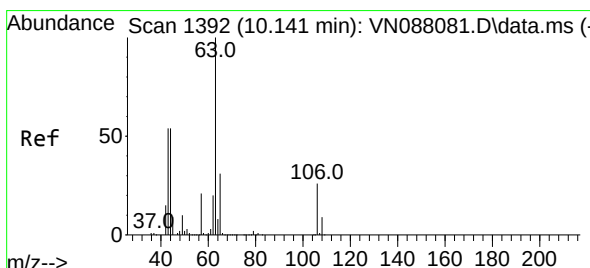
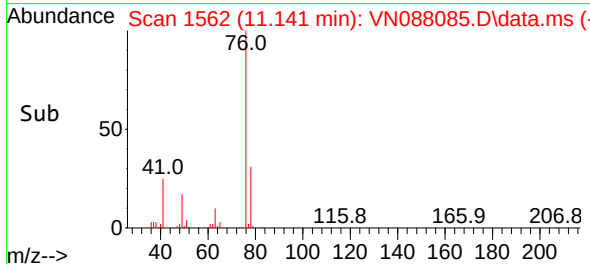
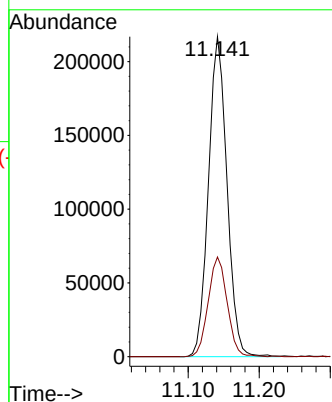
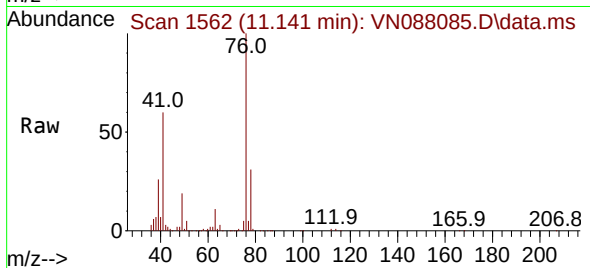
ICVVN102325

Tgt Ion: 76 Resp: 393469

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.651 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088085.D

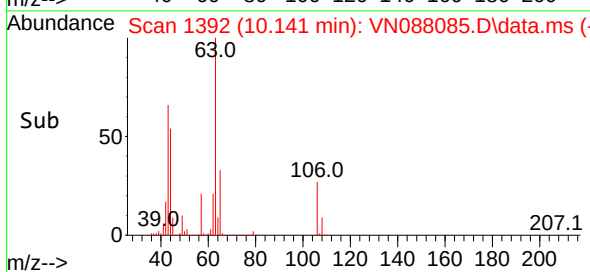
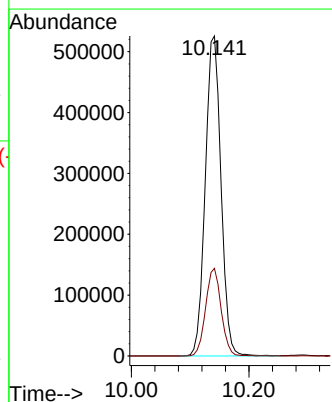
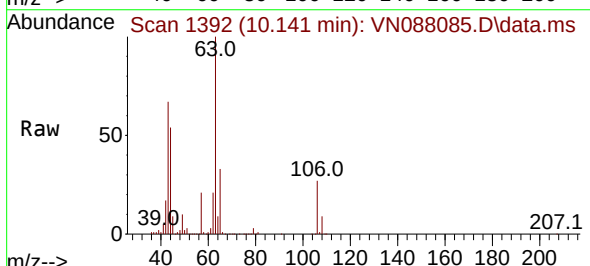
Acq: 23 Oct 2025 14:54

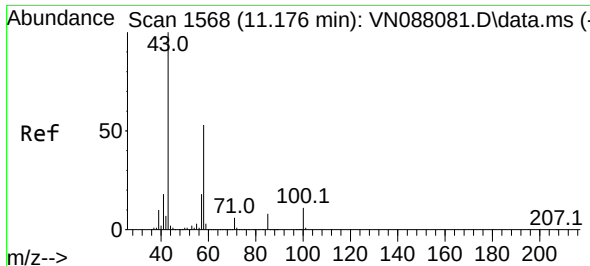
Tgt Ion: 63 Resp: 973004

Ion Ratio Lower Upper

63 100

106 27.0 21.1 31.7

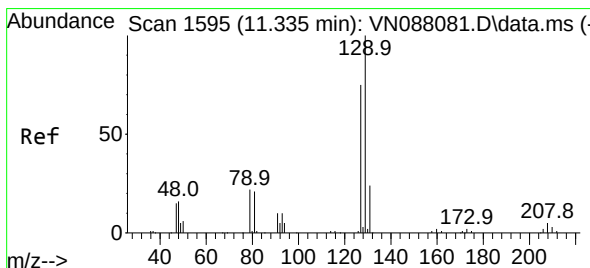
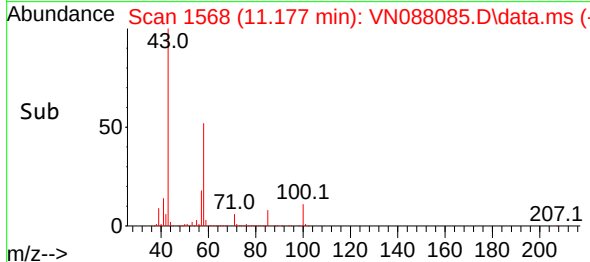
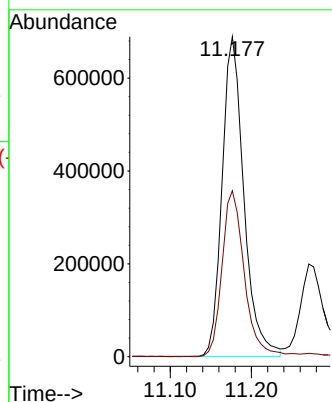
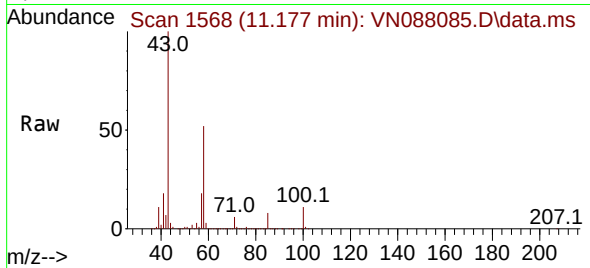




#59
2-Hexanone
Concen: 267.268 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

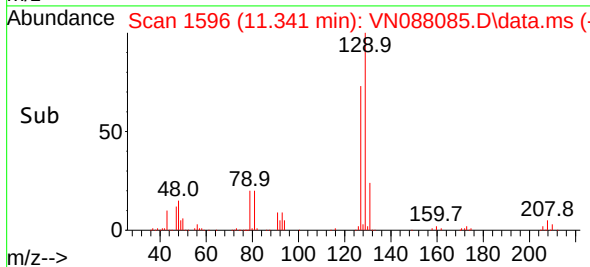
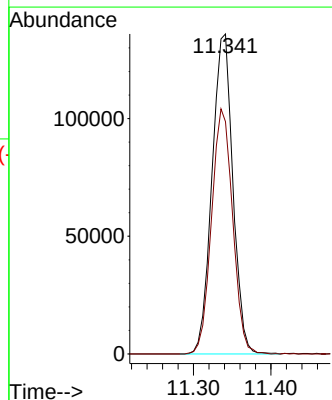
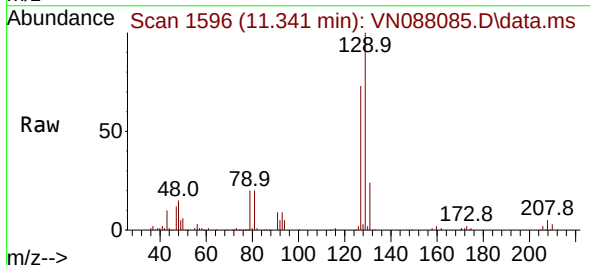
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

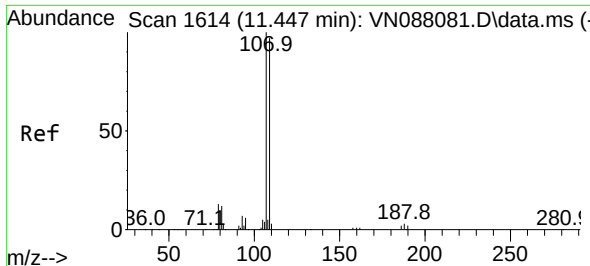
Tgt Ion: 43 Resp: 1284662
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8



#60
Dibromochloromethane
Concen: 50.751 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:129 Resp: 253809
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

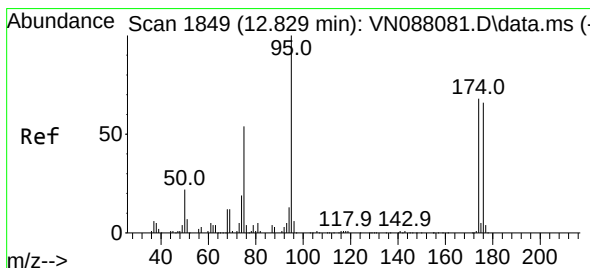
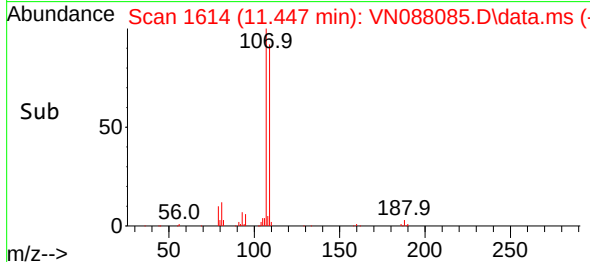
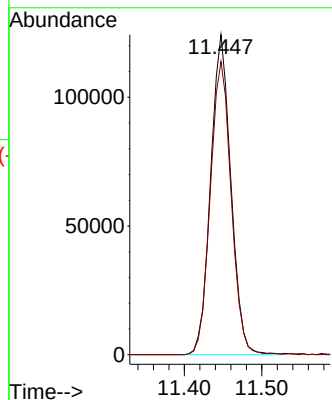
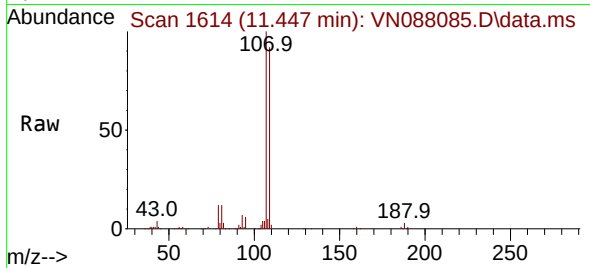




#61
1,2-Dibromoethane
Concen: 49.976 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

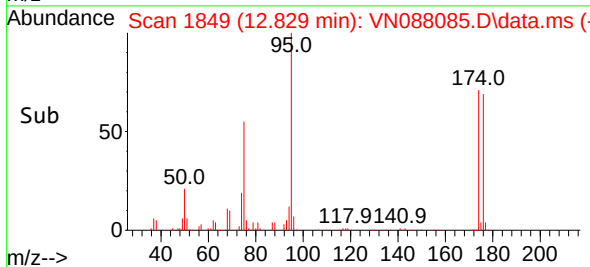
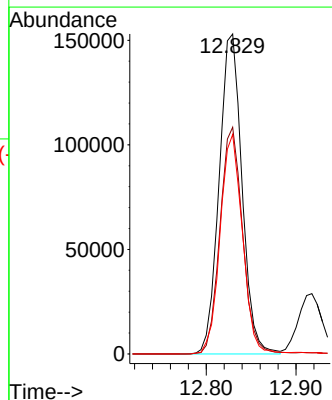
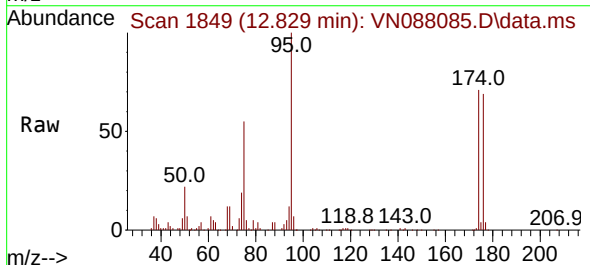
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

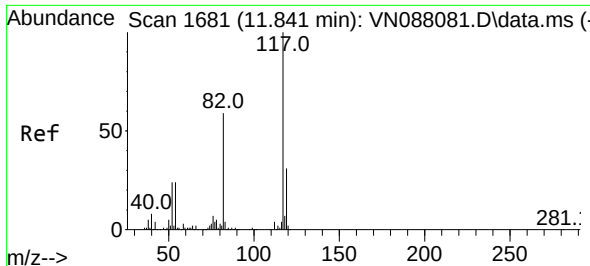
Tgt Ion:107 Resp: 226306
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 95 Resp: 270623
Ion Ratio Lower Upper
95 100
174 70.1 0.0 138.4
176 67.1 0.0 132.6

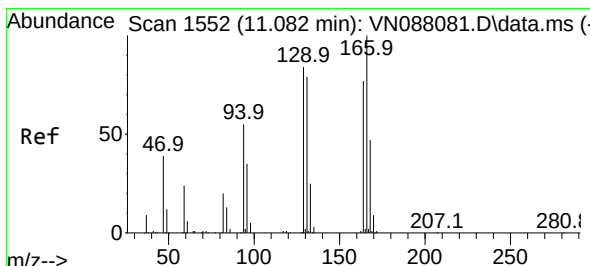
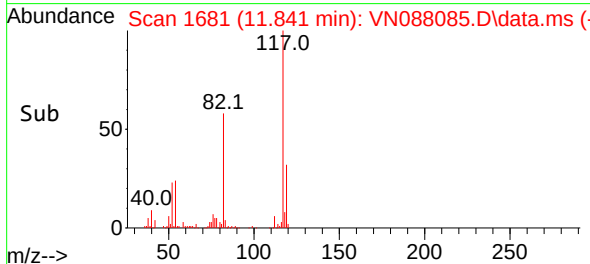
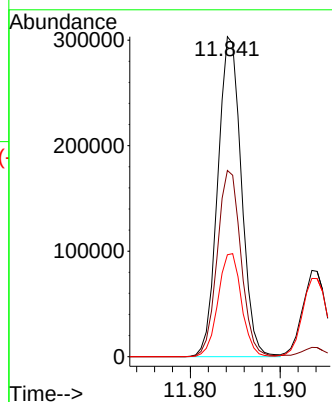
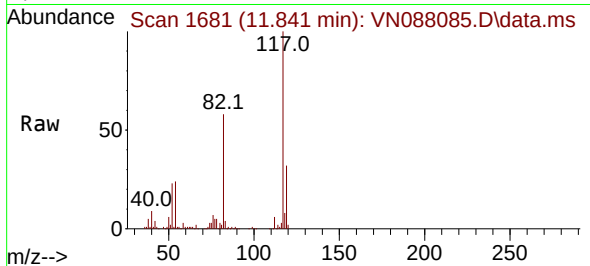




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

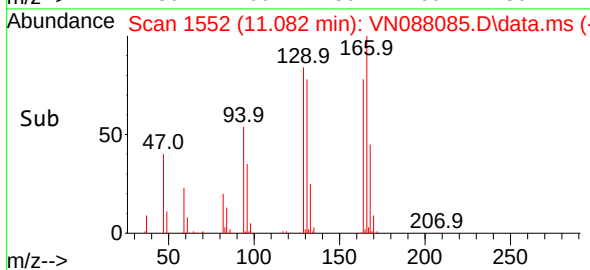
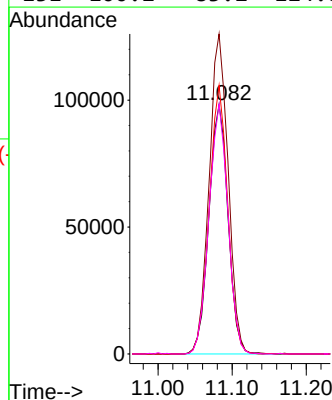
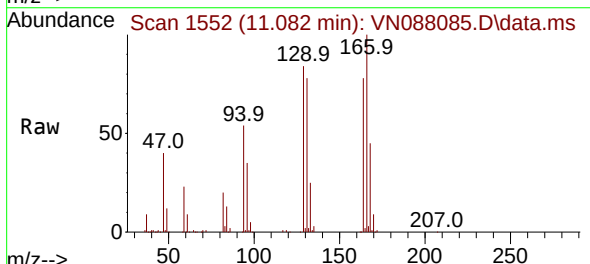
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

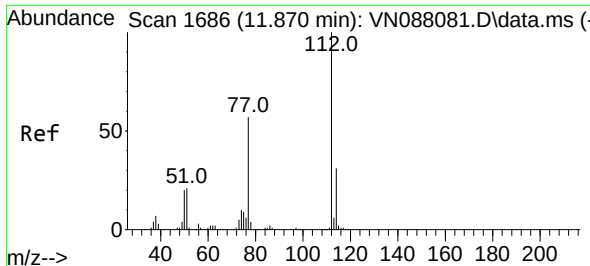
Tgt Ion:117 Resp: 552962
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.9 24.3 36.5



#64
Tetrachloroethene
Concen: 48.214 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:164 Resp: 175856
Ion Ratio Lower Upper
164 100
166 128.3 97.7 146.5
129 107.7 85.9 128.9
131 100.2 83.2 124.8

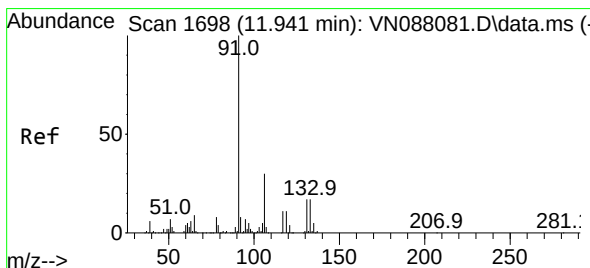
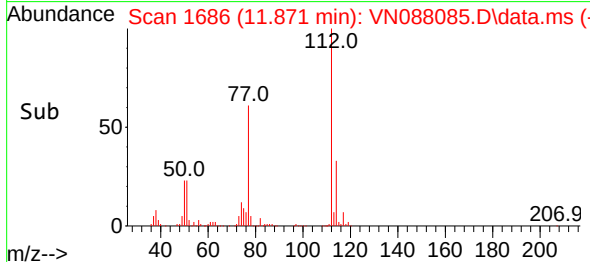
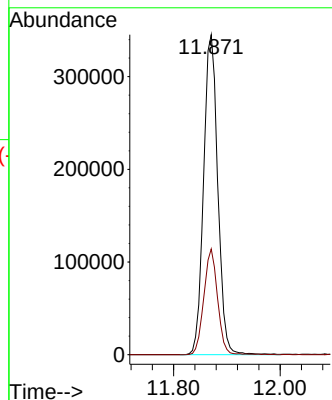
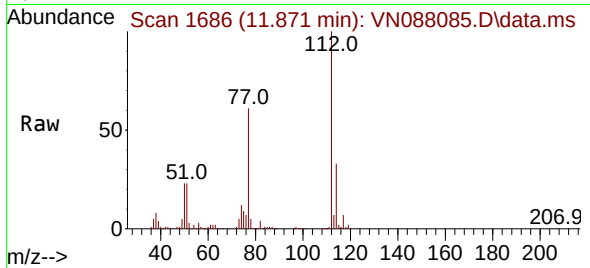




#65
Chlorobenzene
Concen: 50.798 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

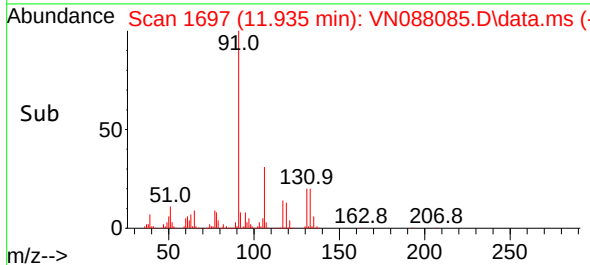
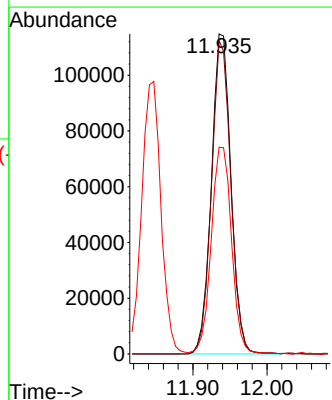
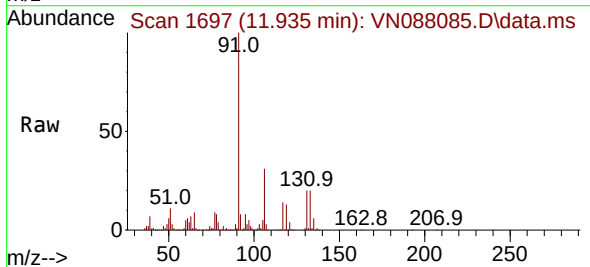
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

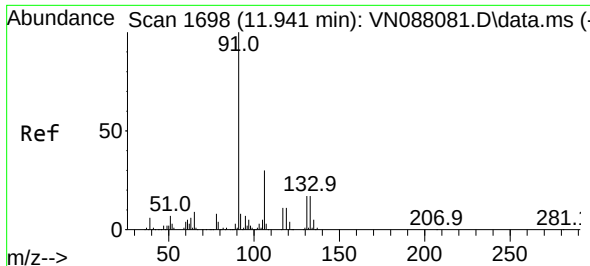
Tgt Ion:112 Resp: 637824
Ion Ratio Lower Upper
112 100
114 33.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.047 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:131 Resp: 209987
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 67.5 32.6 97.7

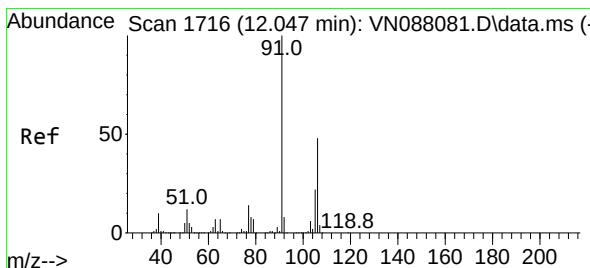
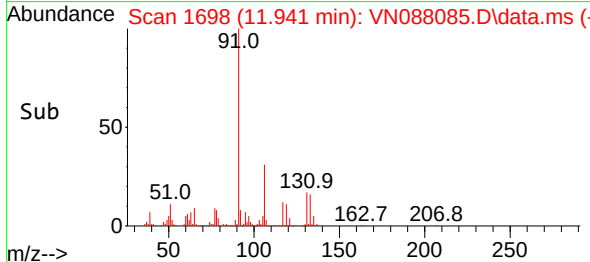
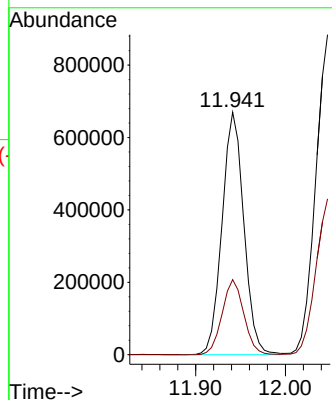
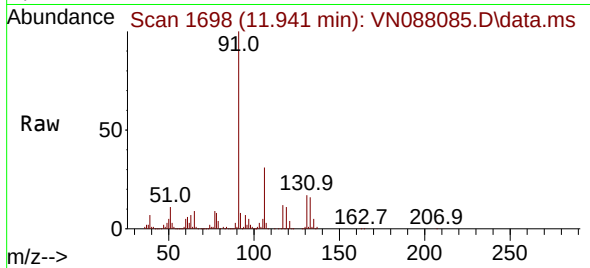




#67
Ethyl Benzene
Concen: 51.208 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

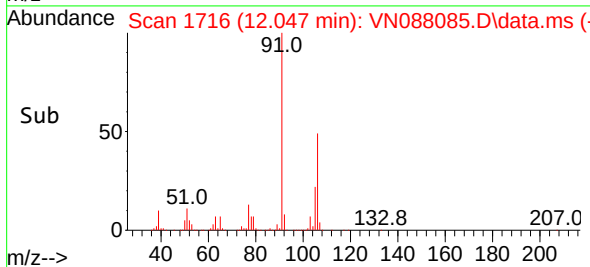
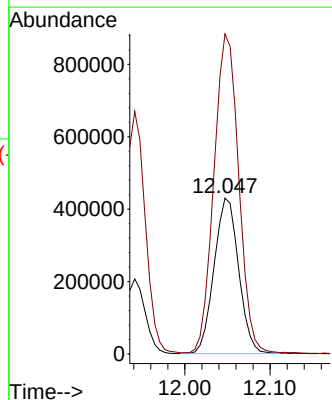
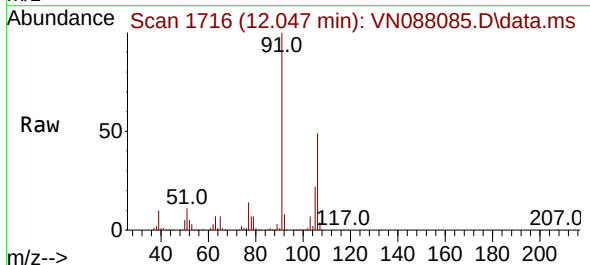
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

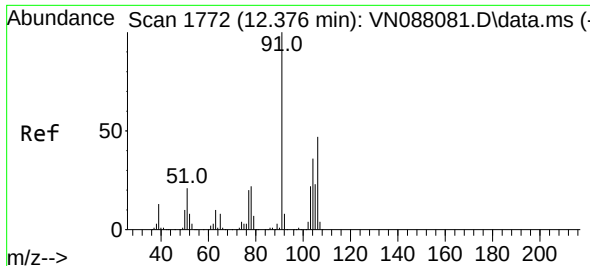
Tgt Ion: 91 Resp: 1128615
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 104.109 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:106 Resp: 859721
Ion Ratio Lower Upper
106 100
91 208.7 169.3 253.9

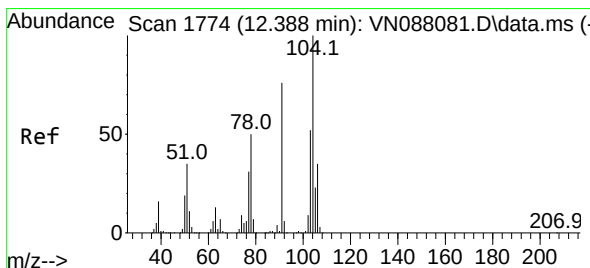
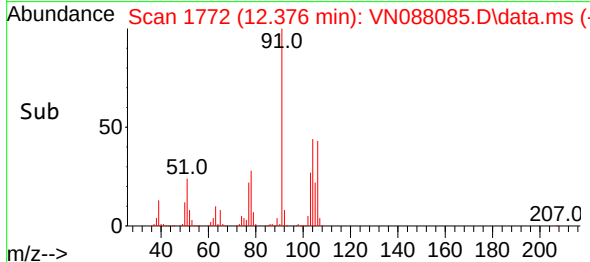
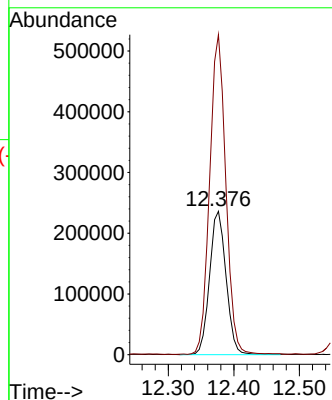
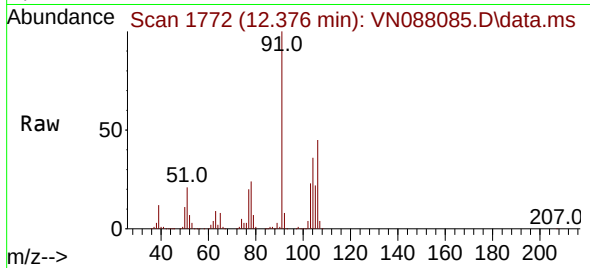




#69
o-Xylene
Concen: 52.899 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

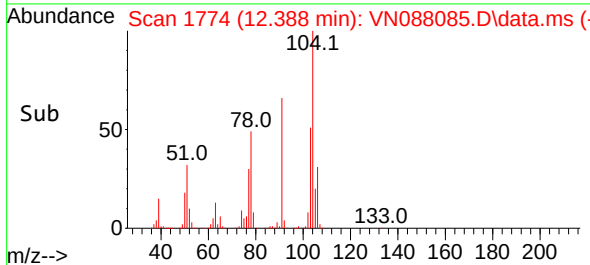
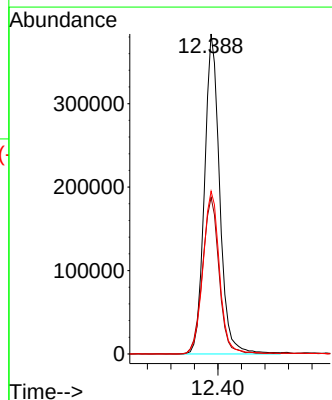
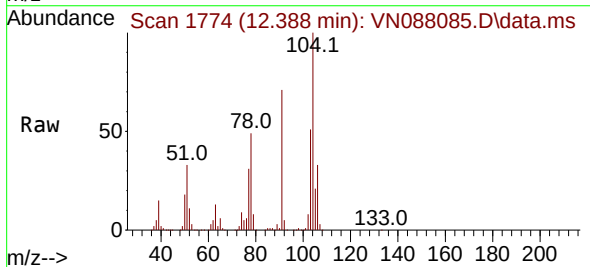
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

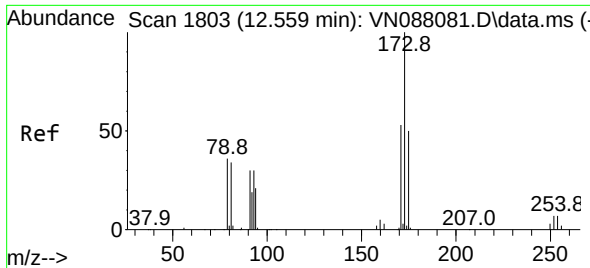
Tgt Ion:106 Resp: 414102
Ion Ratio Lower Upper
106 100
91 218.3 111.4 334.2



#70
Styrene
Concen: 54.133 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:104 Resp: 691022
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.2
103 55.2 43.4 65.2

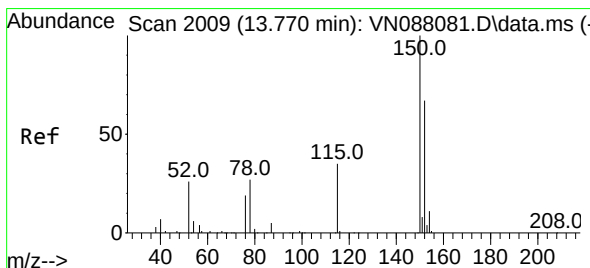
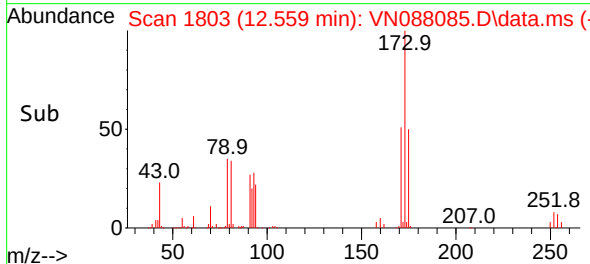
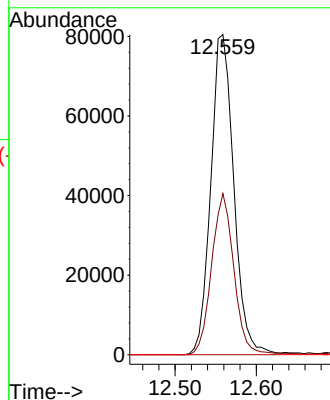
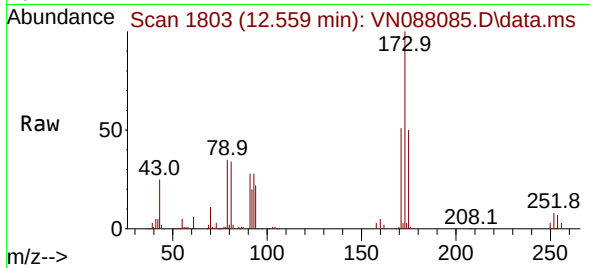




#71
Bromoform
Concen: 51.590 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

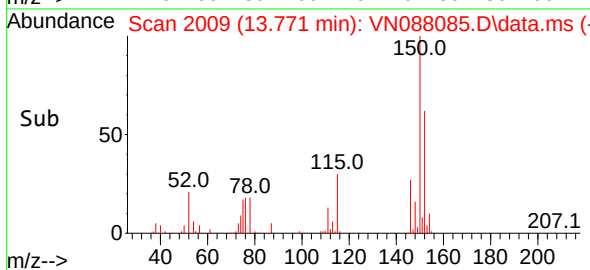
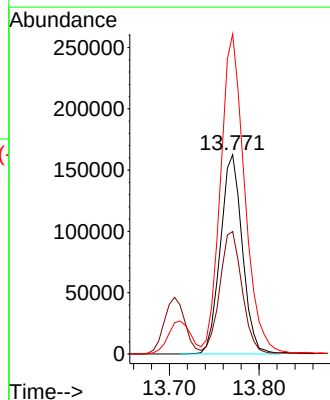
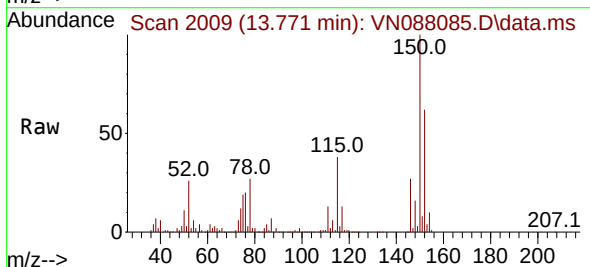
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

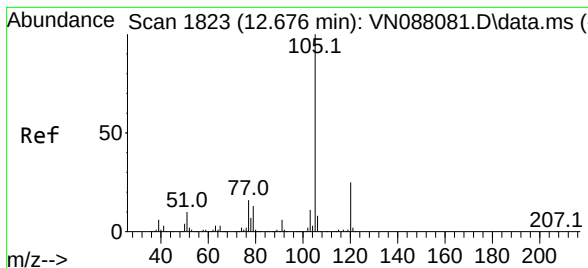
Tgt Ion:173 Resp: 158376
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:152 Resp: 275365
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 175.0 0.0 351.0





#73

Isopropylbenzene

Concen: 51.590 ug/l

RT: 12.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

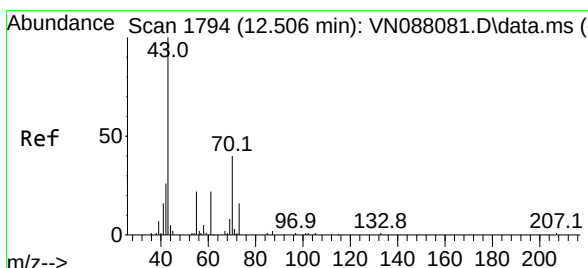
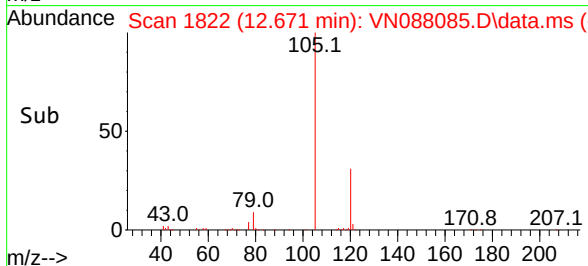
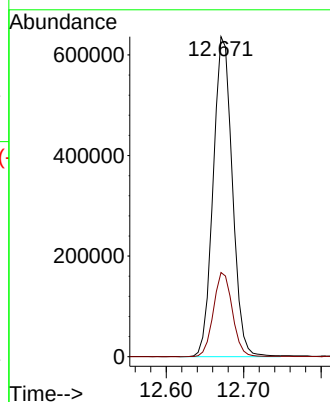
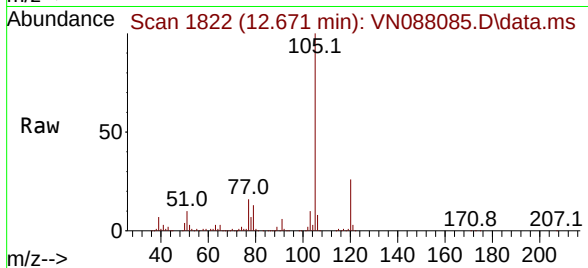
ICVVN102325

Tgt Ion:105 Resp: 1095685

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 58.174 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Tgt Ion: 43 Resp: 282147

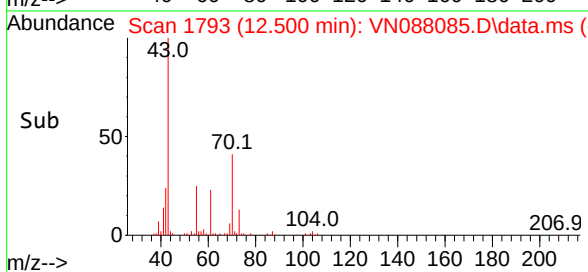
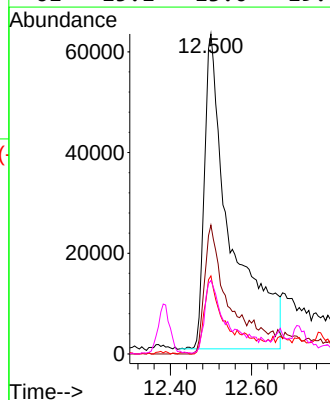
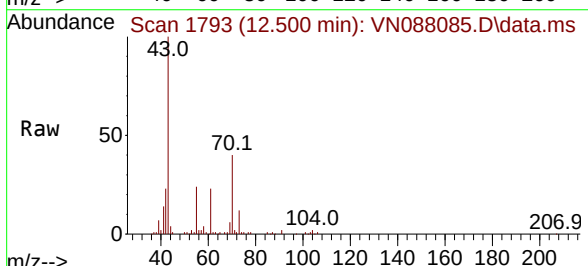
Ion Ratio Lower Upper

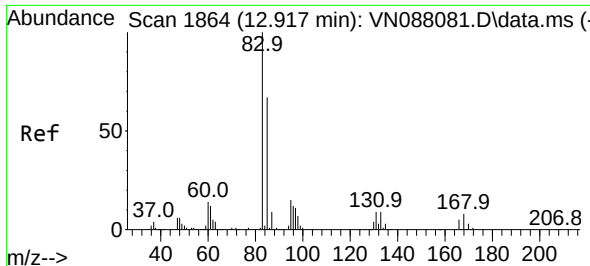
43 100

70 32.5 27.6 41.4

55 15.9 13.0 19.6

61 15.1 13.0 19.6

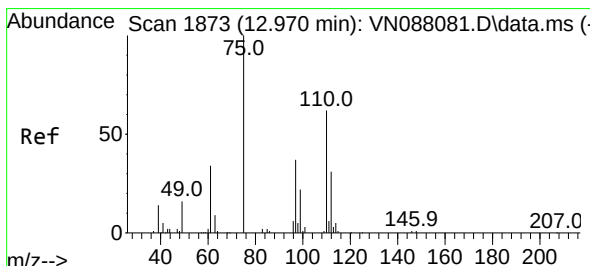
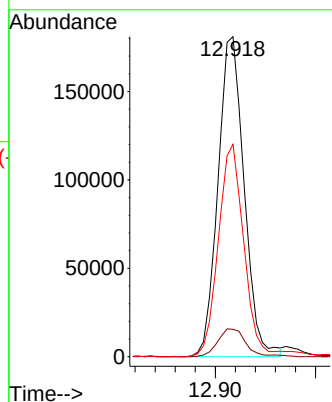
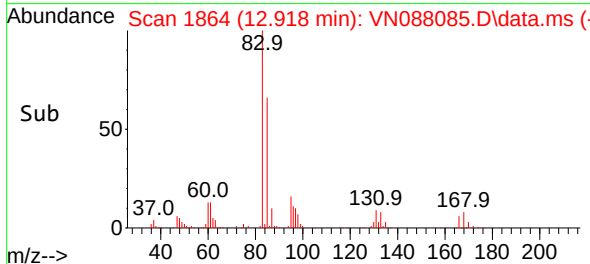
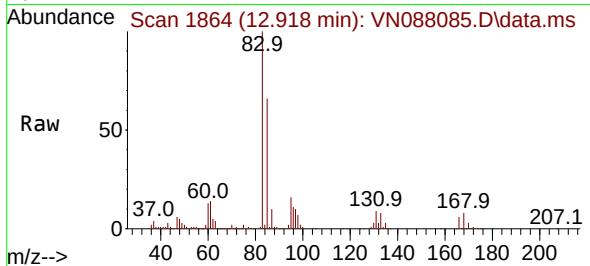




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.583 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

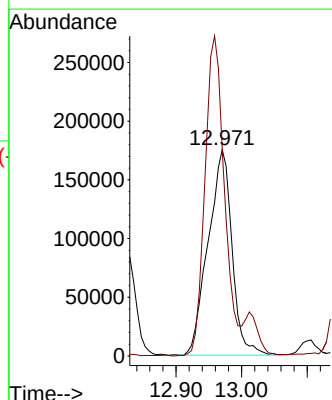
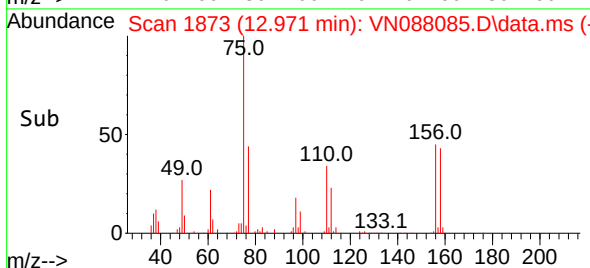
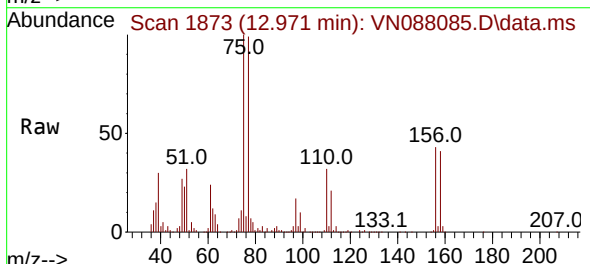
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102325

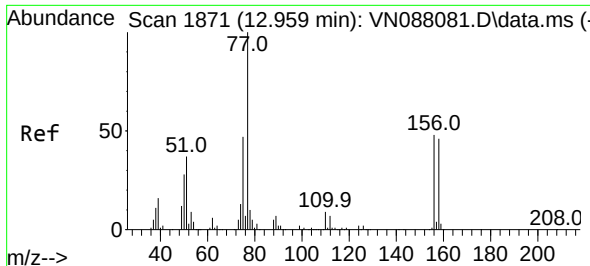
Tgt Ion: 83 Resp: 327851
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 64.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 70.364 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

Tgt Ion: 75 Resp: 442992
 Ion Ratio Lower Upper
 75 100
 77 128.0 89.1 267.4

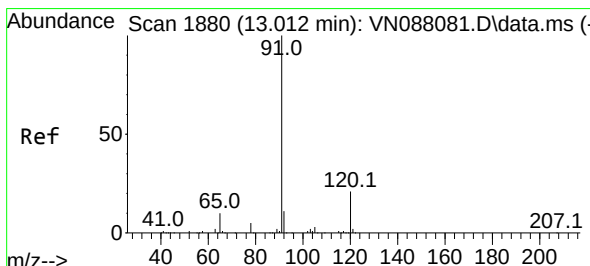
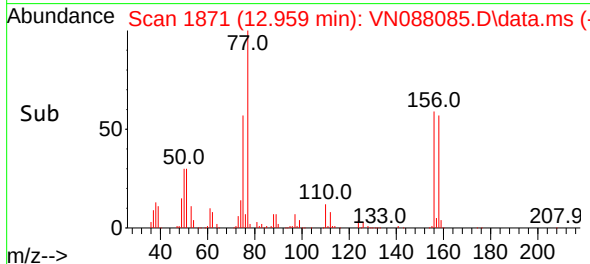
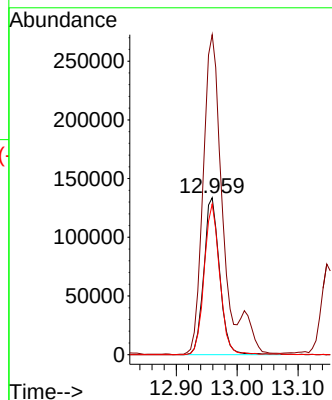
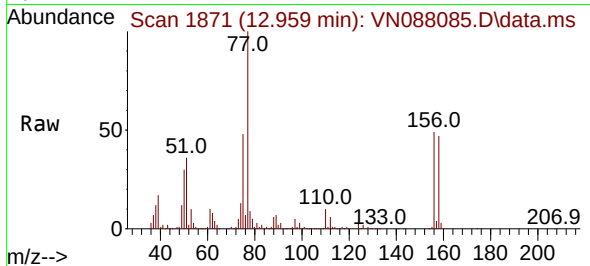




#77
Bromobenzene
Concen: 52.553 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

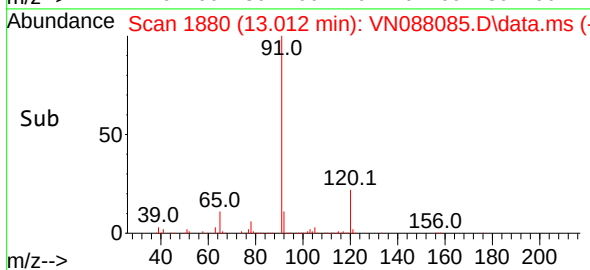
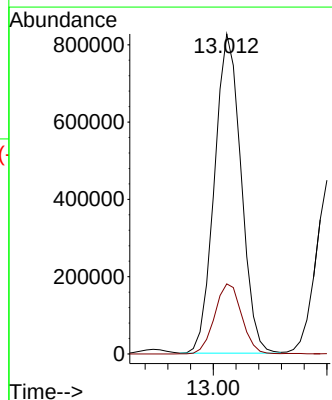
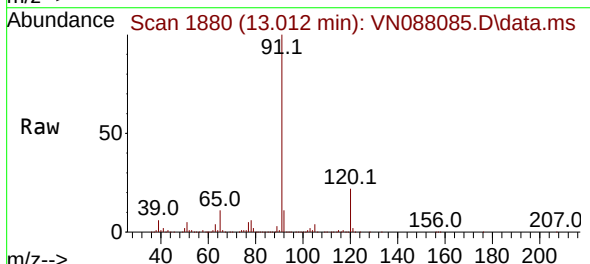
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN102325

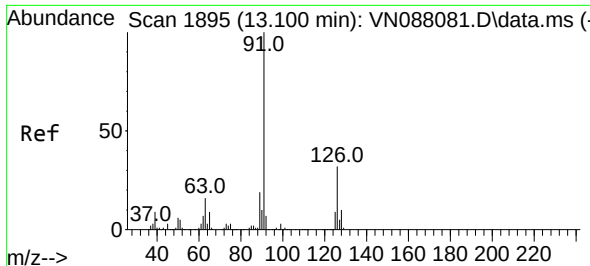
Tgt Ion:156 Resp: 240684
Ion Ratio Lower Upper
156 100
77 235.6 119.3 358.0
158 94.7 48.2 144.6



#78
n-propylbenzene
Concen: 51.859 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 91 Resp: 1344076
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1

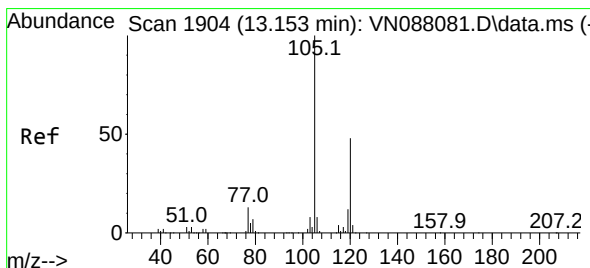
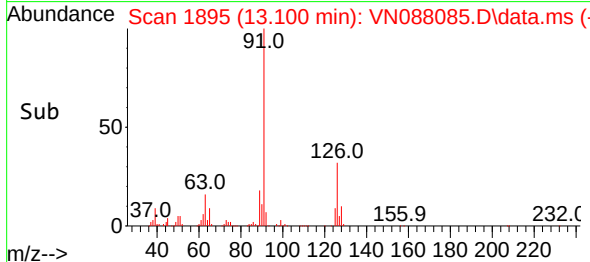
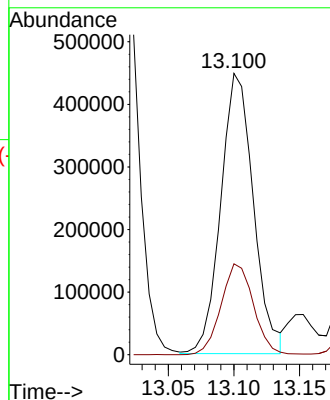
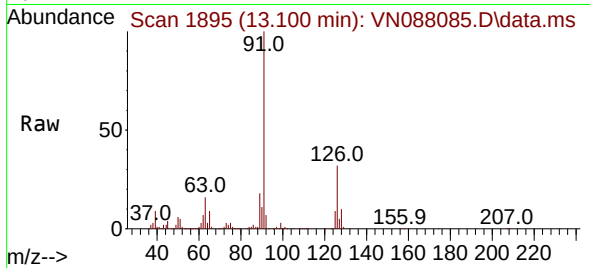




#79
2-Chlorotoluene
Concen: 52.463 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

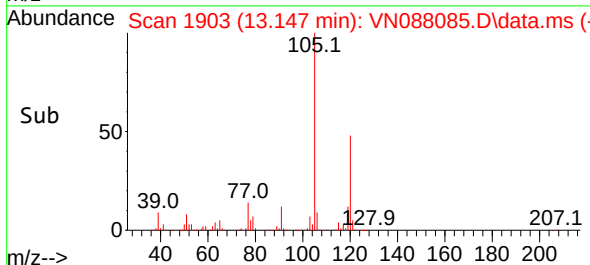
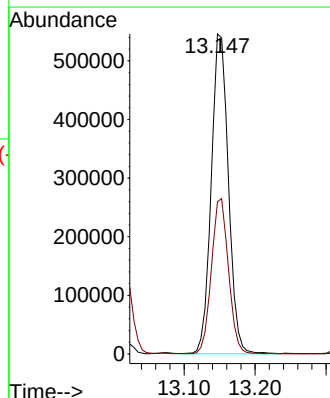
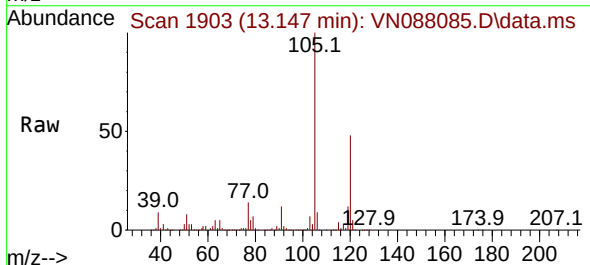
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

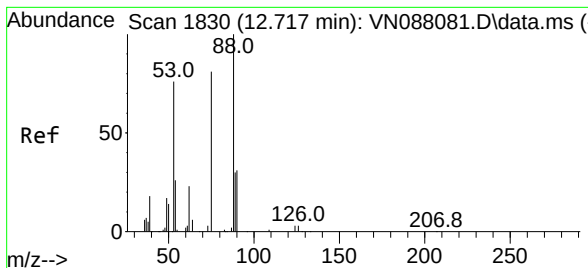
Tgt Ion: 91 Resp: 775440
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 51.853 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 105 Resp: 914603
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6

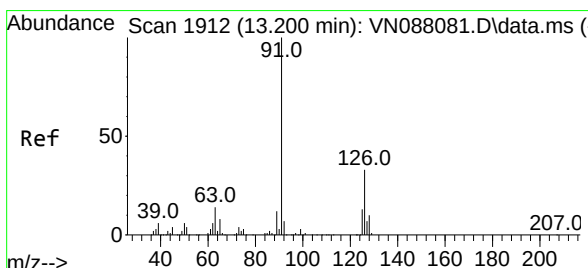
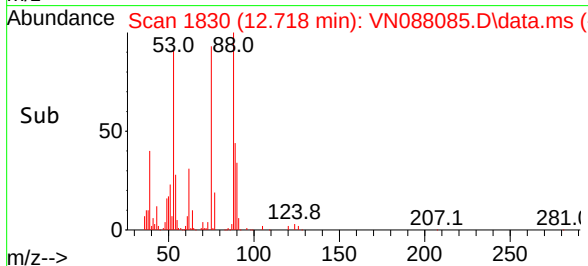
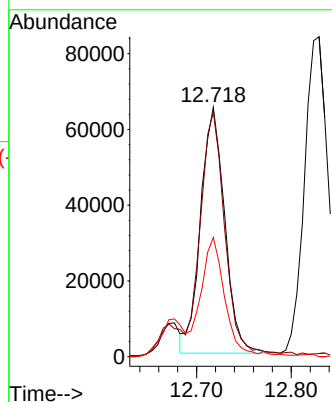
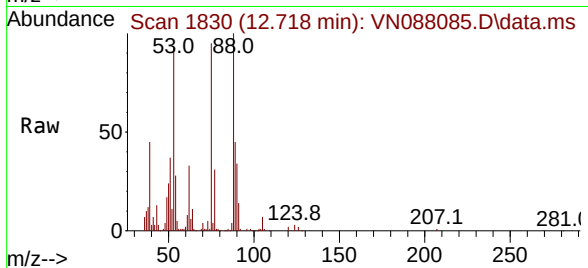




#81
trans-1,4-Dichloro-2-butene
Concen: 51.074 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

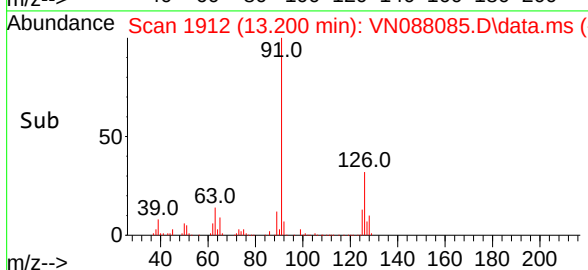
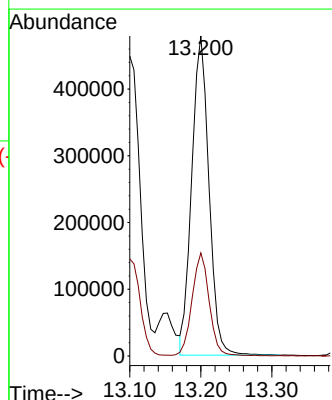
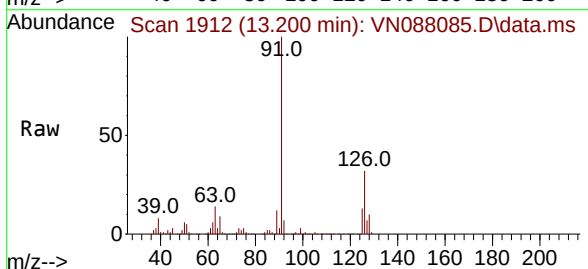
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

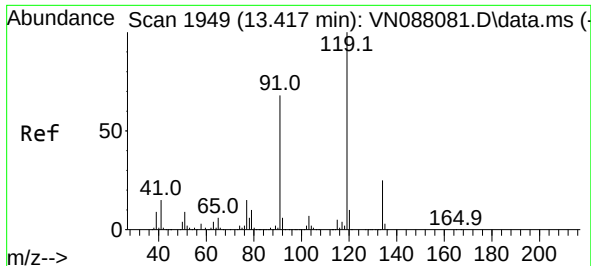
Tgt Ion: 75 Resp: 115268
Ion Ratio Lower Upper
75 100
53 98.4 101.8 152.6#
89 47.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 50.497 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion: 91 Resp: 807500
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8

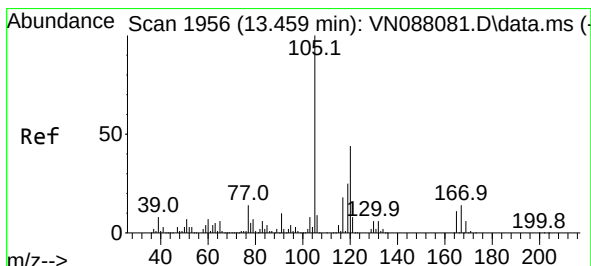
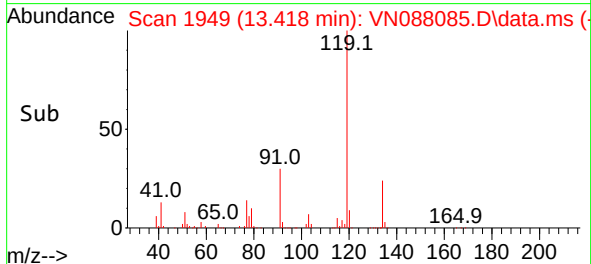
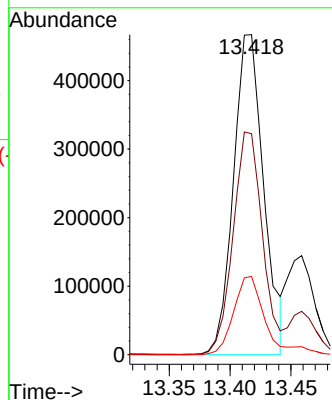
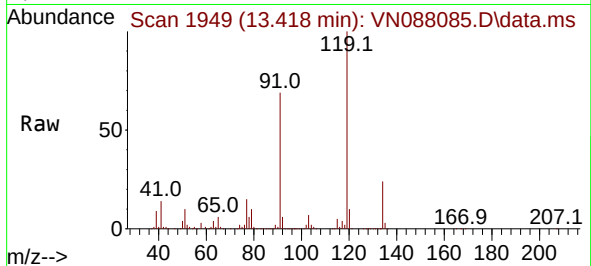




#83
tert-Butylbenzene
Concen: 51.237 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

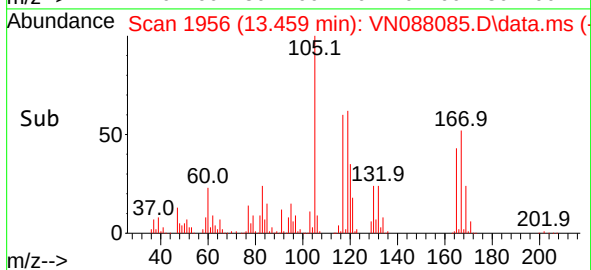
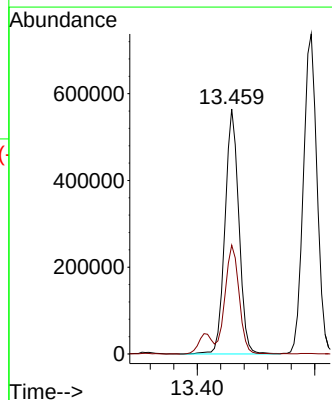
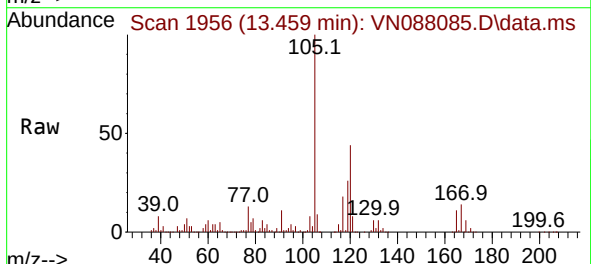
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

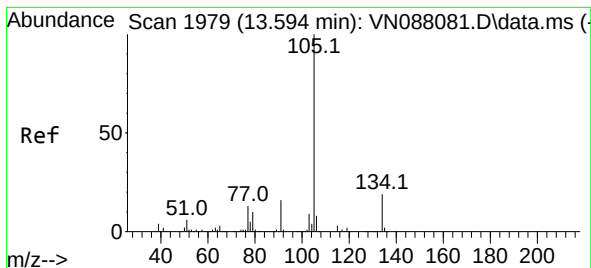
Tgt Ion:119 Resp: 807306
Ion Ratio Lower Upper
119 100
91 67.5 35.0 105.0
134 25.6 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 52.321 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:105 Resp: 923338
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 51.364 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

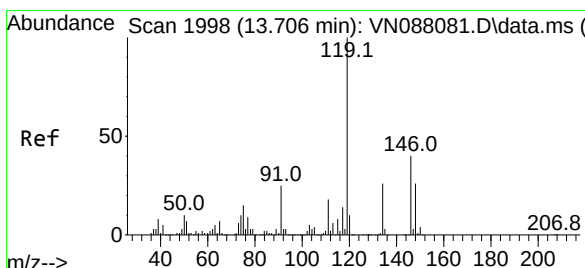
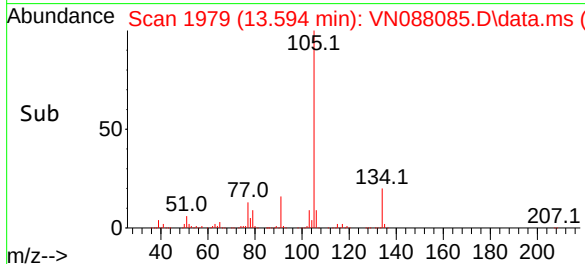
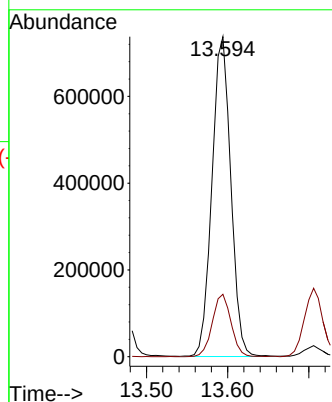
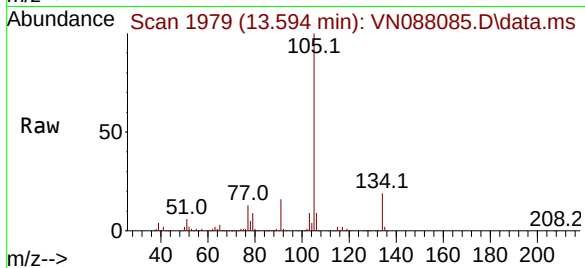
ICVVN102325

Tgt Ion:105 Resp: 1189055

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.6



#86

p-Isopropyltoluene

Concen: 53.478 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

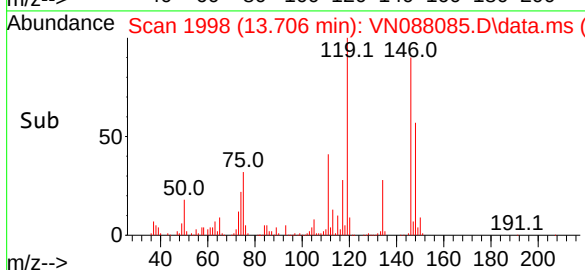
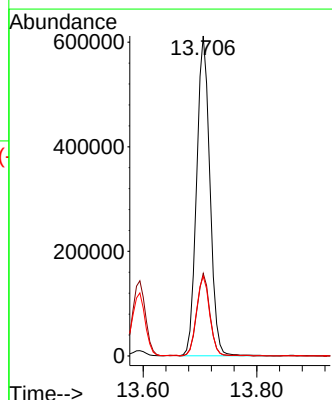
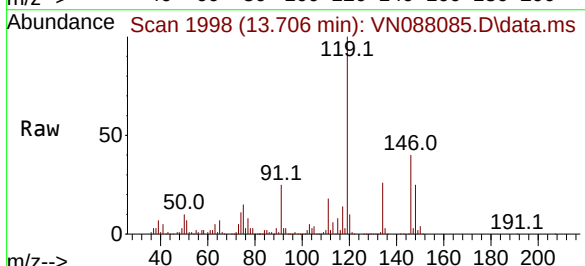
Tgt Ion:119 Resp: 993123

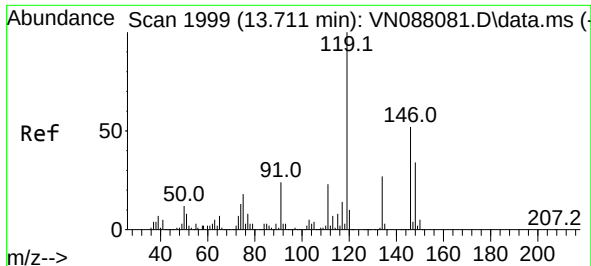
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.7 12.5 37.5

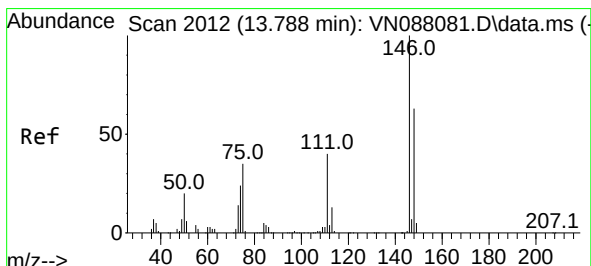
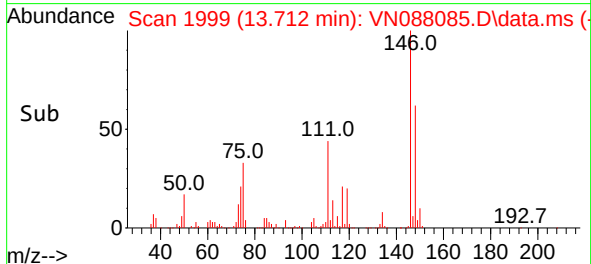
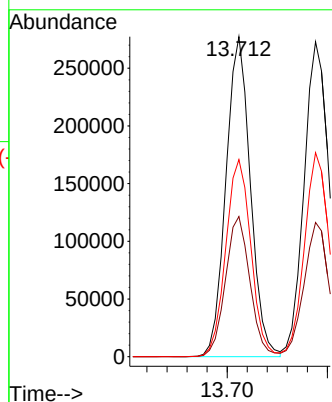
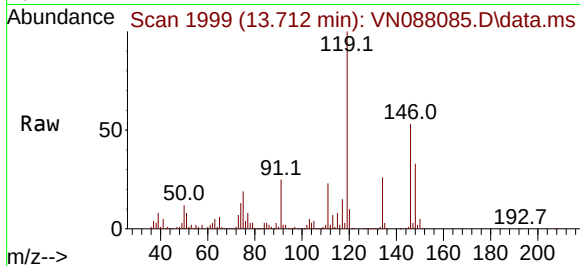




#87
1,3-Dichlorobenzene
Concen: 51.358 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

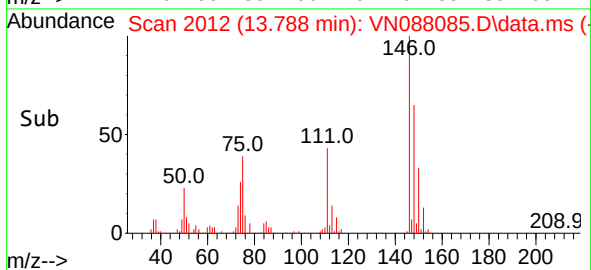
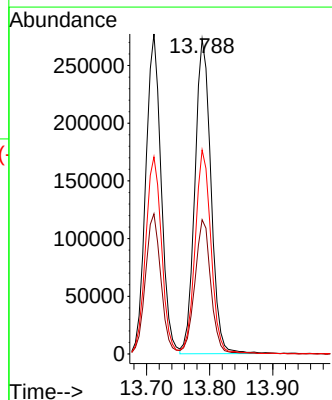
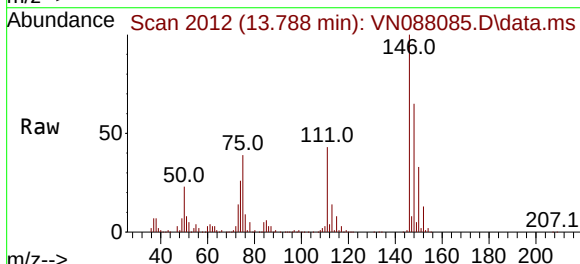
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102325

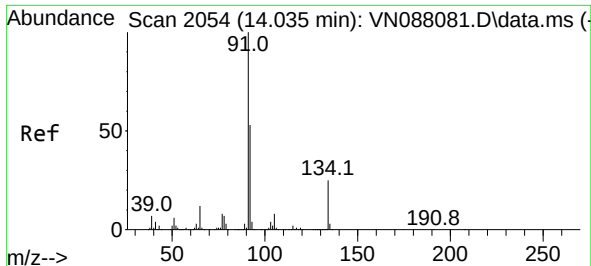
Tgt Ion:146 Resp: 469549
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.5
148 63.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 48.992 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088085.D
Acq: 23 Oct 2025 14:54

Tgt Ion:146 Resp: 481076
Ion Ratio Lower Upper
146 100
111 42.2 21.0 63.0
148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 51.698 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

ICVNVN102325

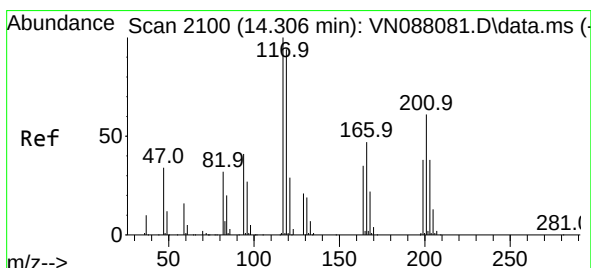
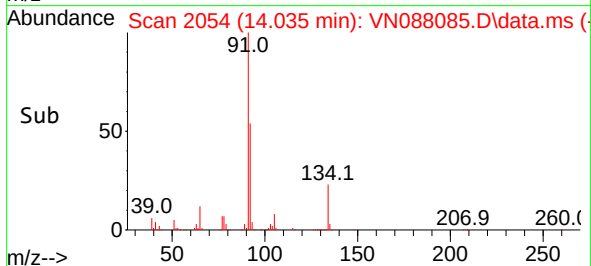
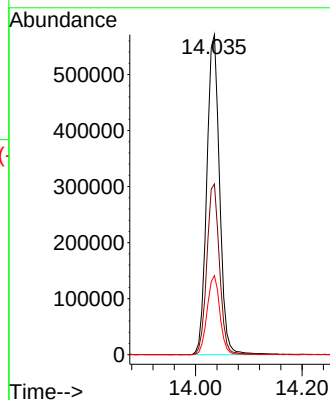
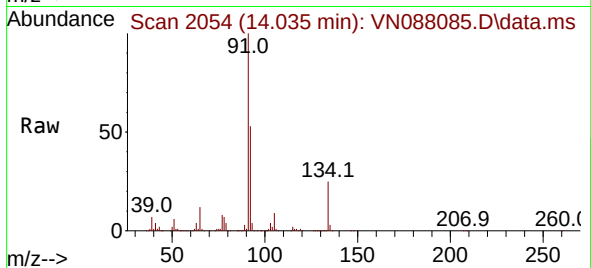
Tgt Ion: 91 Resp: 950993

Ion Ratio Lower Upper

91 100

92 53.0 25.9 77.8

134 24.7 11.7 35.0



#90

Hexachloroethane

Concen: 50.453 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088085.D

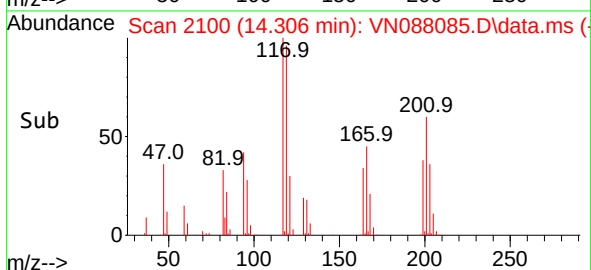
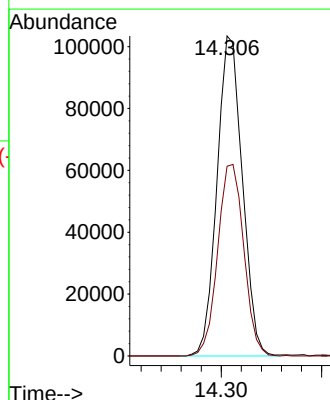
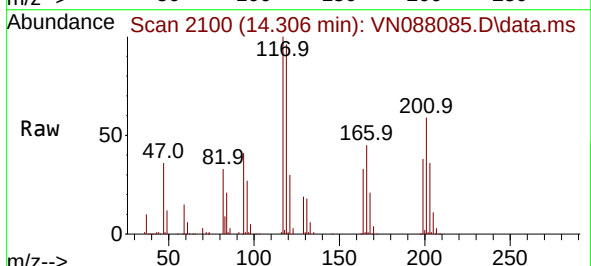
Acq: 23 Oct 2025 14:54

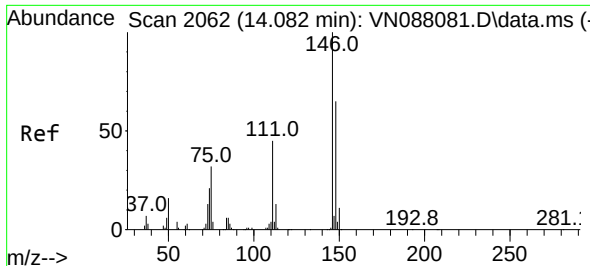
Tgt Ion: 117 Resp: 181442

Ion Ratio Lower Upper

117 100

201 61.6 29.1 87.4

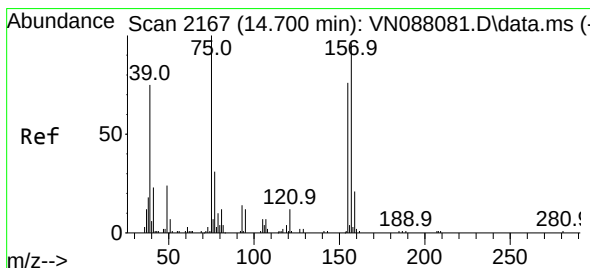
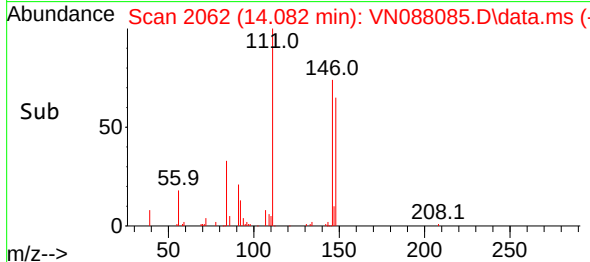
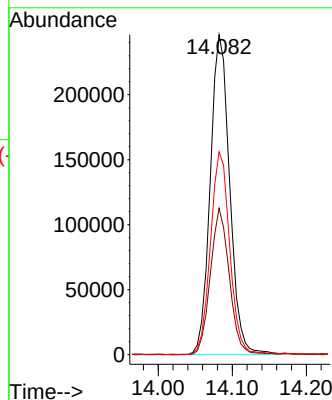
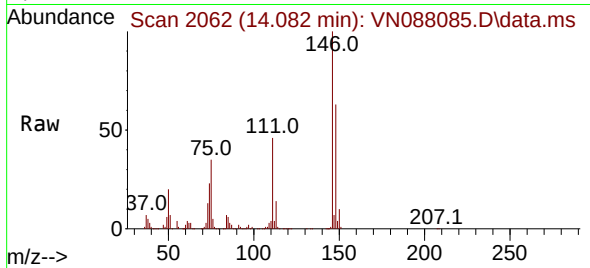




#91
 1,2-Dichlorobenzene
 Concen: 50.769 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

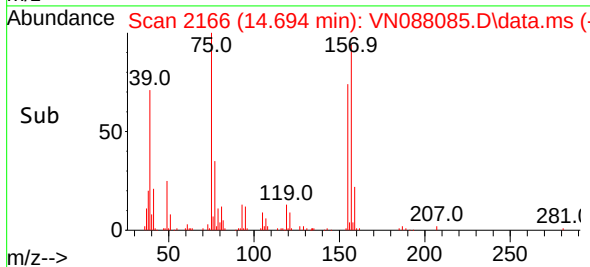
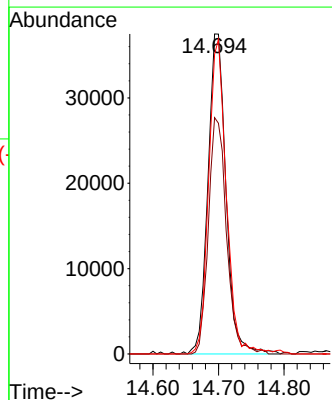
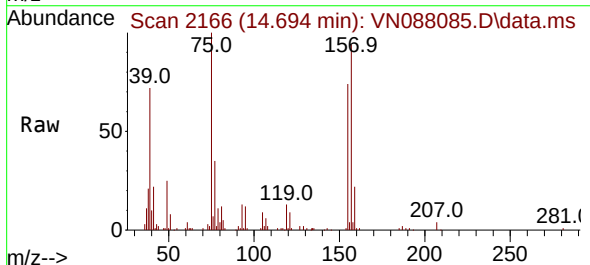
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102325

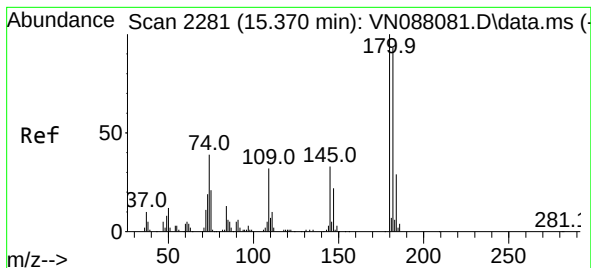
Tgt Ion:146 Resp: 447427
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.6 67.8
 148 63.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.810 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088085.D
 Acq: 23 Oct 2025 14:54

Tgt Ion: 75 Resp: 72041
 Ion Ratio Lower Upper
 75 100
 155 74.0 36.6 109.9
 157 95.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 49.750 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102325

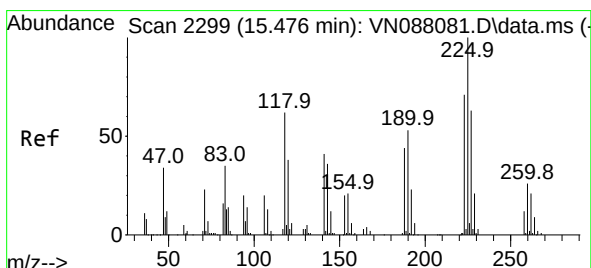
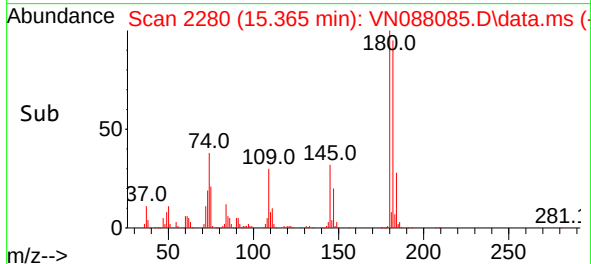
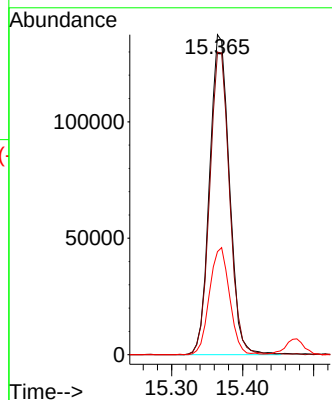
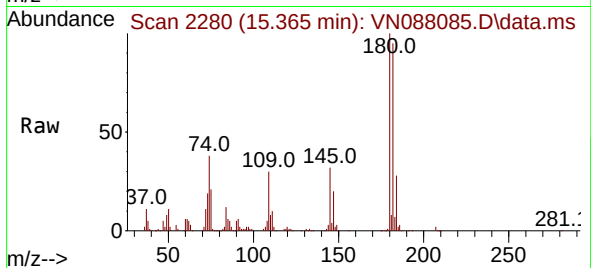
Tgt Ion:180 Resp: 265531

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 34.1 16.5 49.5



#94

Hexachlorobutadiene

Concen: 48.455 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

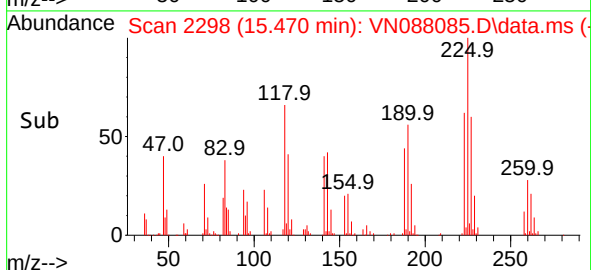
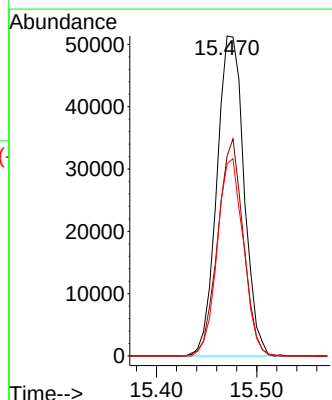
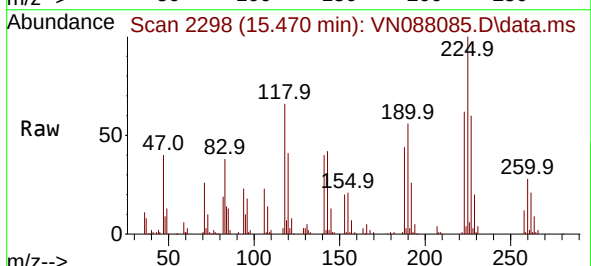
Tgt Ion:225 Resp: 96309

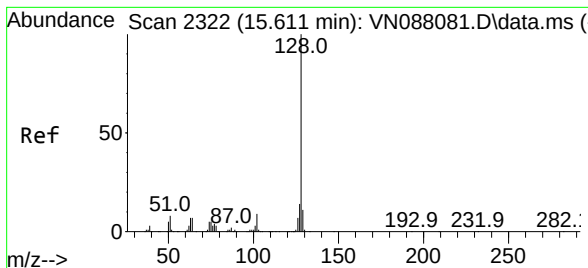
Ion Ratio Lower Upper

225 100

223 63.8 32.0 96.2

227 59.7 32.1 96.5





#95

Naphthalene

Concen: 50.263 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102325

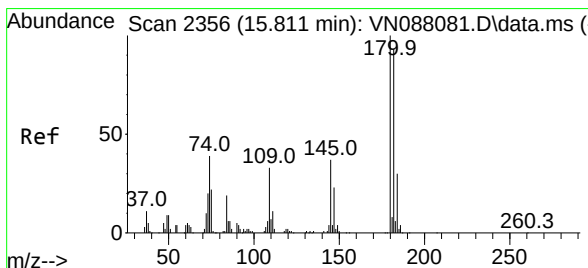
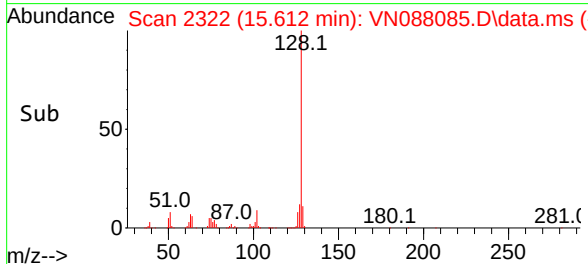
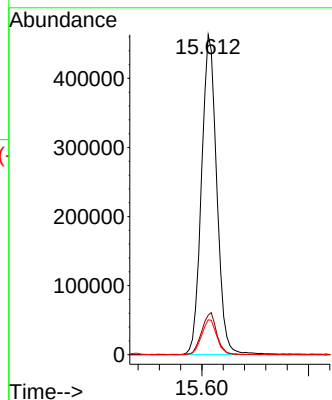
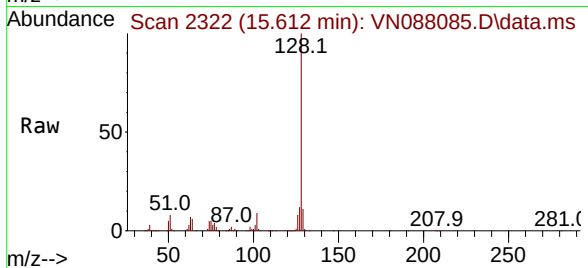
Tgt Ion:128 Resp: 919023

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.860 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088085.D

Acq: 23 Oct 2025 14:54

Tgt Ion:180 Resp: 250044

Ion Ratio Lower Upper

180 100

182 92.2 46.8 140.3

145 35.5 17.3 52.0

