

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088017.D
 Acq On : 03 Oct 2025 12:40
 Operator : JC\MD
 Sample : VN1003WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

Quant Time: Oct 04 02:54:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	214594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	370613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	195989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	181339	50.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.420%
35) Dibromofluoromethane	8.147	113	140941	49.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	10.547	98	493665	48.881	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.829	95	172062	47.663	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	51231	20.615	ug/l	94
3) Chloromethane	2.383	50	50359	19.790	ug/l	99
4) Vinyl Chloride	2.536	62	56063	21.595	ug/l	96
5) Bromomethane	2.983	94	39486	24.534	ug/l	100
6) Chloroethane	3.142	64	37772	22.377	ug/l	99
7) Trichlorofluoromethane	3.518	101	94325	22.316	ug/l	99
8) Diethyl Ether	3.959	74	35922	22.496	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	55398	24.798	ug/l	98
10) Methyl Iodide	4.577	142	46255	23.005	ug/l	98
11) Tert butyl alcohol	5.512	59	53512	102.873	ug/l	100
12) 1,1-Dichloroethene	4.336	96	48095	21.336	ug/l #	82
13) Acrolein	4.177	56	45514	68.192	ug/l	97
14) Allyl chloride	5.024	41	74032	20.174	ug/l	97
15) Acrylonitrile	5.712	53	174295	106.821	ug/l	100
16) Acetone	4.424	43	159412	107.282	ug/l	97
17) Carbon Disulfide	4.706	76	137217	19.483	ug/l #	95
18) Methyl Acetate	5.012	43	95778	25.756	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	191898	21.793	ug/l	95
20) Methylene Chloride	5.259	84	65739	21.857	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	55252	19.994	ug/l	88
22) Diisopropyl ether	6.659	45	195506	22.821	ug/l	96
23) Vinyl Acetate	6.589	43	839859	116.434	ug/l	100
24) 1,1-Dichloroethane	6.559	63	112260	22.430	ug/l	99
25) 2-Butanone	7.471	43	241181	106.193	ug/l	95
26) 2,2-Dichloropropane	7.471	77	103103	23.186	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	70997	21.593	ug/l	99
28) Bromochloromethane	7.794	49	52314	19.238	ug/l	97
29) Tetrahydrofuran	7.824	42	151836	104.408	ug/l	99
30) Chloroform	7.947	83	122200	22.330	ug/l	99
31) Cyclohexane	8.241	56	88976	21.971	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	104473	22.593	ug/l	99
36) 1,1-Dichloropropene	8.353	75	76954	22.284	ug/l	99
37) Ethyl Acetate	7.541	43	95753	21.115	ug/l	98
38) Carbon Tetrachloride	8.341	117	87708	22.134	ug/l	96
39) Methylcyclohexane	9.583	83	79816	20.952	ug/l #	92
40) Benzene	8.588	78	251325	21.980	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	46380	19.791	ug/l	92
42) 1,2-Dichloroethane	8.647	62	95219	22.315	ug/l	98
43) Isopropyl Acetate	8.671	43	154481	21.642	ug/l	100
44) Trichloroethene	9.330	130	59557	21.806	ug/l	92
45) 1,2-Dichloropropane	9.600	63	63456	22.132	ug/l	95
46) Dibromomethane	9.688	93	50828	22.467	ug/l	91
47) Bromodichloromethane	9.871	83	99236	22.364	ug/l	100
48) Methyl methacrylate	9.665	41	69071	20.895	ug/l	95
49) 1,4-Dioxane	9.683	88	18915	387.339	ug/l #	82
51) 4-Methyl-2-Pentanone	10.424	43	483026	108.445	ug/l	100
52) Toluene	10.606	92	152933	21.314	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	97929	21.563	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	100444	21.295	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	65340	22.396	ug/l	92
56) Ethyl methacrylate	10.853	69	88041	20.885	ug/l	97
57) 1,3-Dichloropropane	11.141	76	109688	22.858	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	248097	125.170	ug/l	100
59) 2-Hexanone	11.177	43	316945	107.616	ug/l	100
60) Dibromochloromethane	11.341	129	74284	21.656	ug/l	97
61) 1,2-Dibromoethane	11.447	107	66479	21.524	ug/l	98
64) Tetrachloroethene	11.082	164	50316	22.288	ug/l	93
65) Chlorobenzene	11.871	112	172827	21.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	64305	22.610	ug/l	98
67) Ethyl Benzene	11.941	91	282504	21.466	ug/l	100
68) m/p-Xylenes	12.047	106	219140	43.539	ug/l	100
69) o-Xylene	12.376	106	103458	21.395	ug/l	99
70) Styrene	12.388	104	182000	21.915	ug/l	99
71) Bromoform	12.559	173	46736	20.254	ug/l #	95
73) Isopropylbenzene	12.671	105	262411	21.603	ug/l	100
74) N-amyl acetate	12.541	43	8015	2.003	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.918	83	103523	23.654	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	125101	32.381	ug/l	61
77) Bromobenzene	12.959	156	66505	20.578	ug/l	92
78) n-propylbenzene	13.012	91	346362	22.807	ug/l	98
79) 2-Chlorotoluene	13.106	91	202489	21.898	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	227617	21.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	27444	19.726	ug/l	97
82) 4-Chlorotoluene	13.200	91	212955	22.855	ug/l	100
83) tert-Butylbenzene	13.412	119	197006	22.153	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	233814	21.696	ug/l	97
85) sec-Butylbenzene	13.594	105	293645	22.521	ug/l	99
86) p-Isopropyltoluene	13.706	119	242487	21.958	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	135865	21.543	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	139769	21.564	ug/l	99
89) n-Butylbenzene	14.035	91	230918	22.127	ug/l	99
90) Hexachloroethane	14.306	117	50535	21.908	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	132332	21.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	20572	20.230	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	73508	20.479	ug/l	99
94) Hexachlorobutadiene	15.470	225	28993	21.946	ug/l	99
95) Naphthalene	15.612	128	235462	20.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	71593	20.517	ug/l	97

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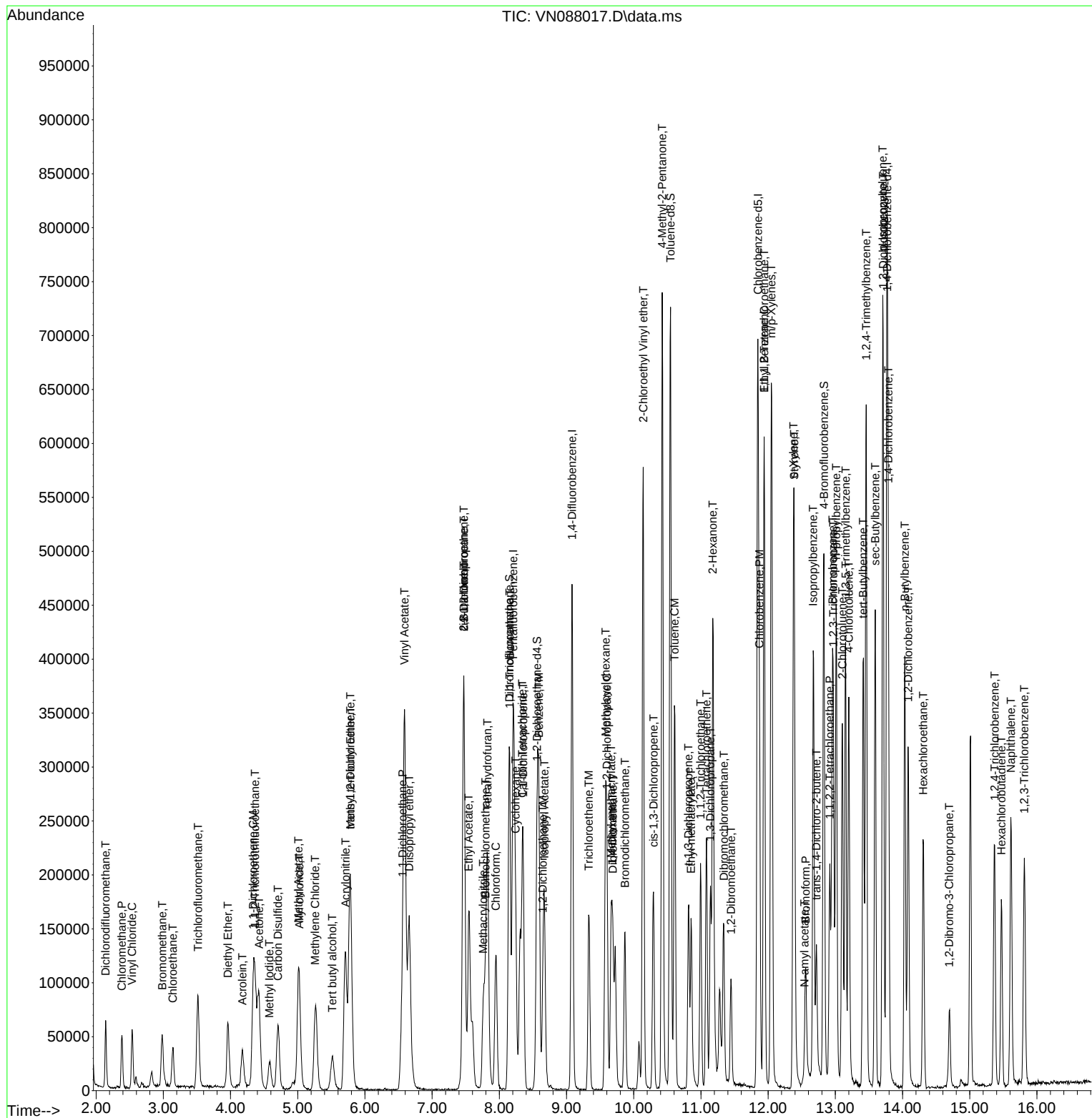
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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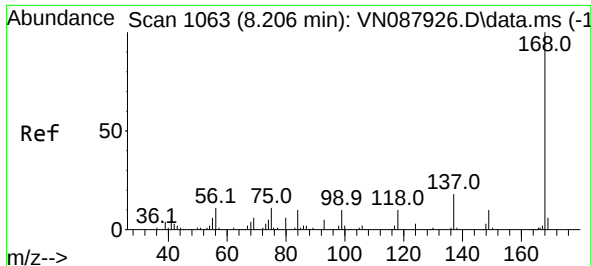
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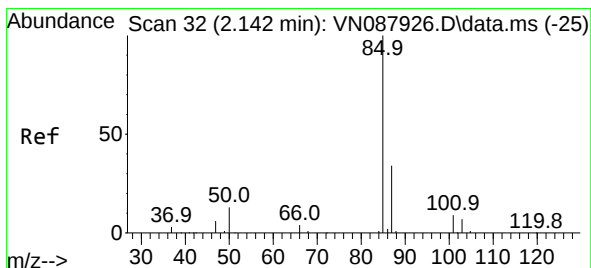
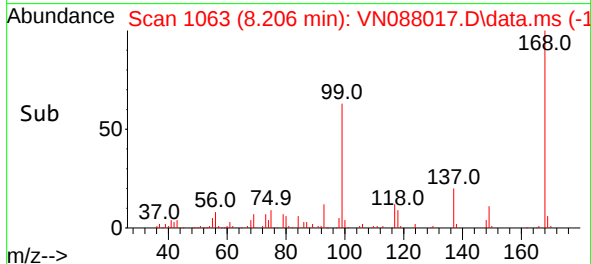
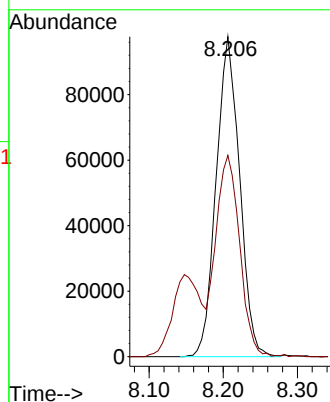
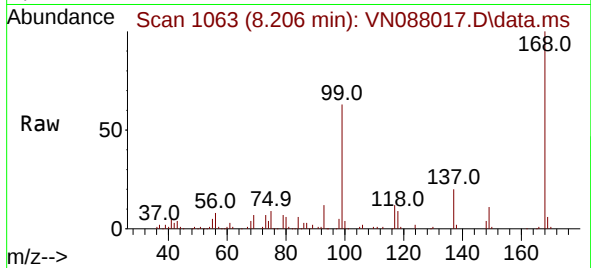




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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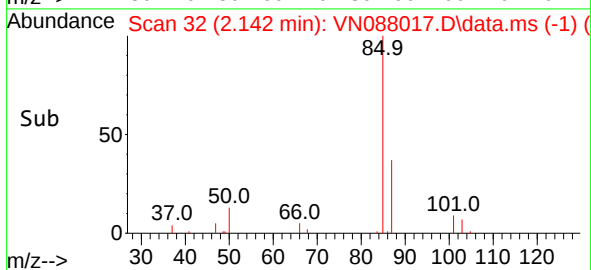
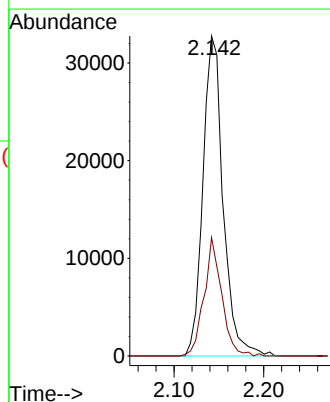
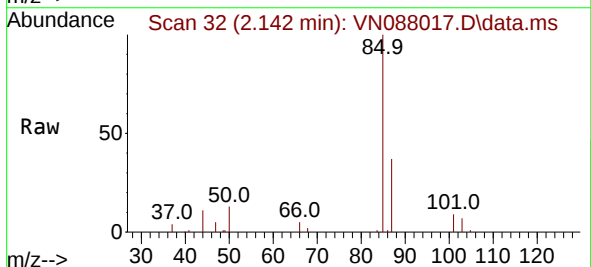
Instrument :
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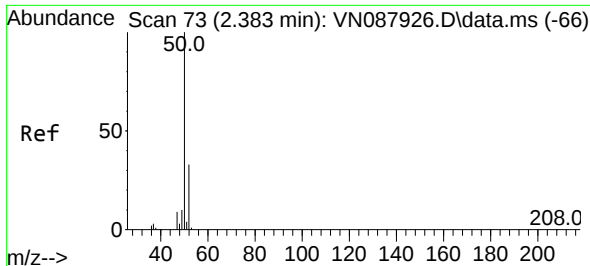
Tgt Ion:168 Resp: 214594
Ion Ratio Lower Upper
168 100
99 62.6 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 20.615 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 85 Resp: 51231
Ion Ratio Lower Upper
85 100
87 37.0 16.9 50.6

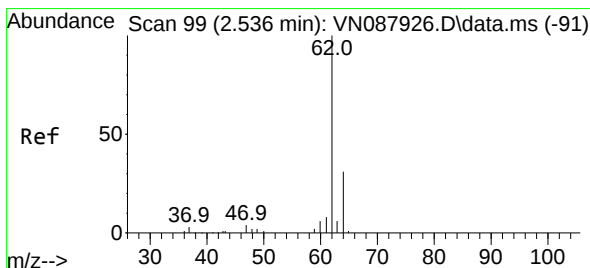
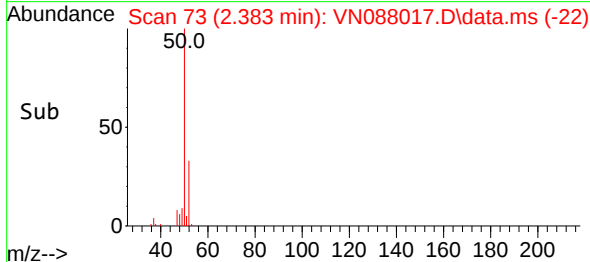
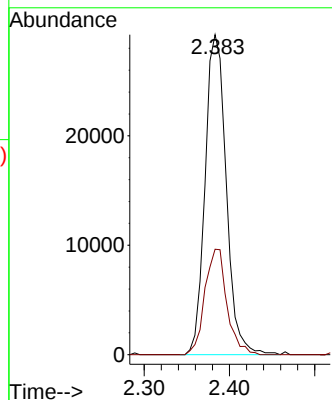
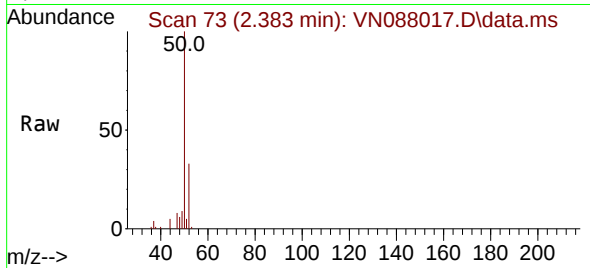




#3
Chloromethane
Concen: 19.790 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

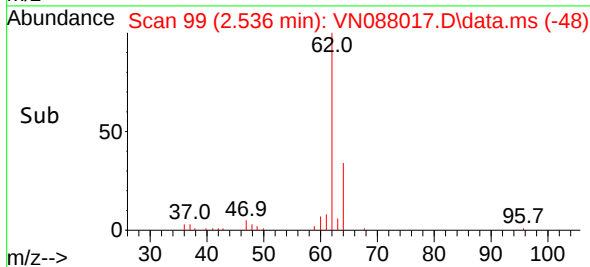
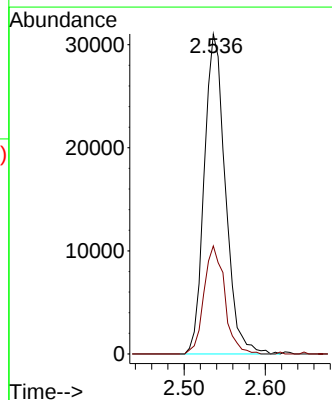
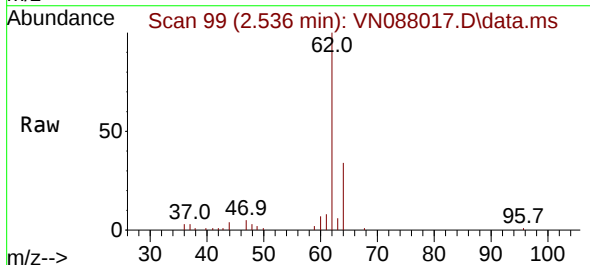
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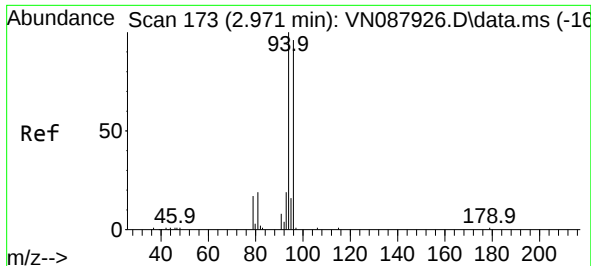
Tgt Ion: 50 Resp: 50359
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 21.595 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 62 Resp: 56063
Ion Ratio Lower Upper
62 100
64 33.8 25.2 37.8

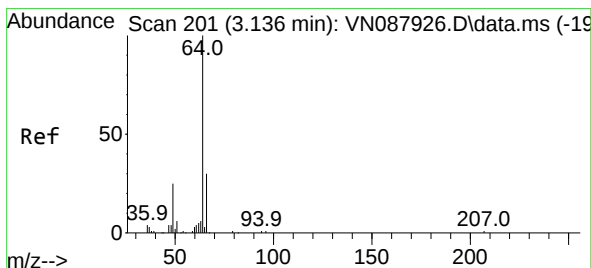
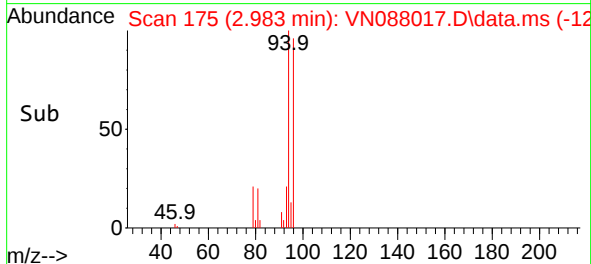
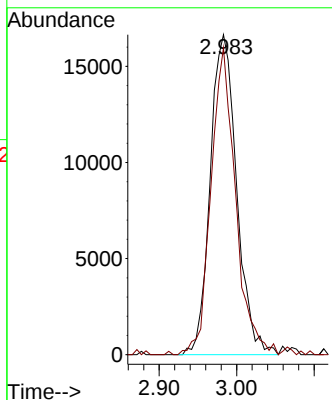
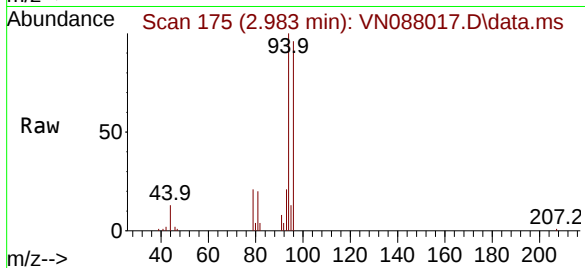




#5
Bromomethane
Concen: 24.534 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088017.D
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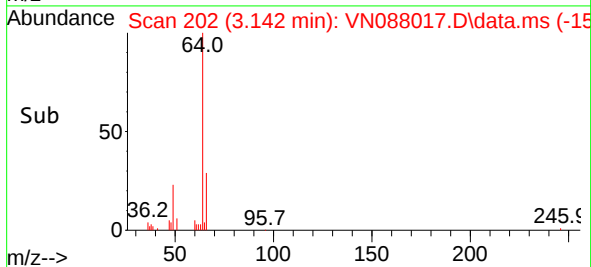
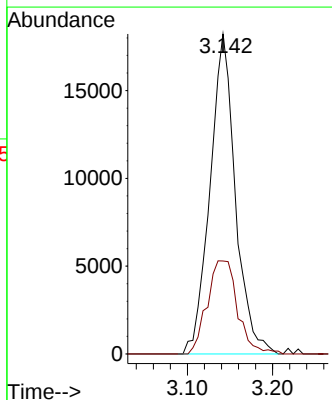
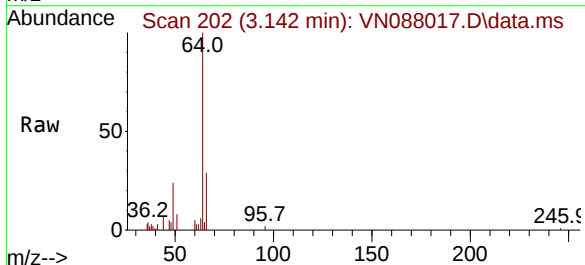
Instrument :
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Tgt Ion: 94 Resp: 39486
Ion Ratio Lower Upper
94 100
96 95.9 76.8 115.2



#6
Chloroethane
Concen: 22.377 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 64 Resp: 37772
Ion Ratio Lower Upper
64 100
66 29.0 23.8 35.8

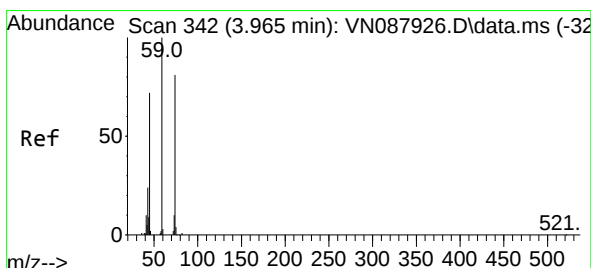
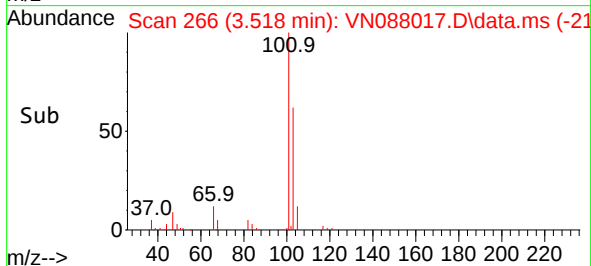
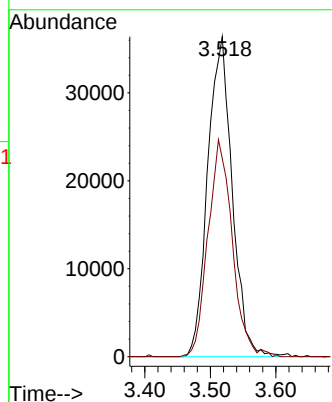
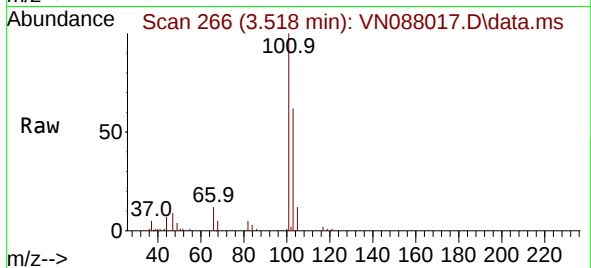




#7
 Trichlorofluoromethane
 Concen: 22.316 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

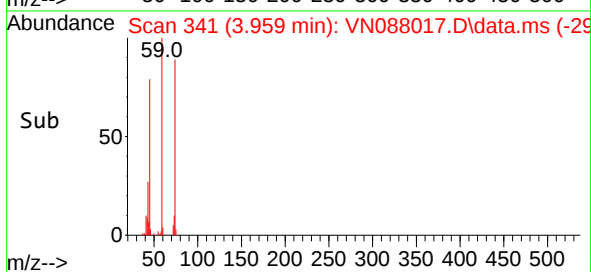
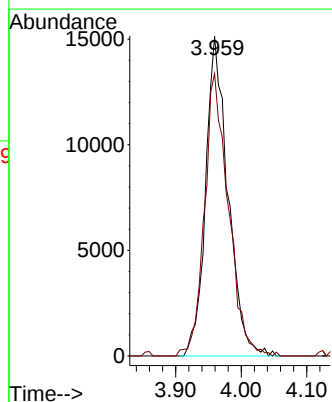
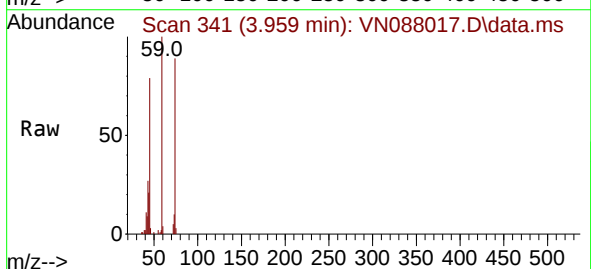
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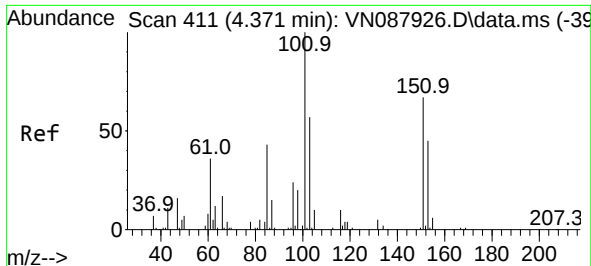
Tgt Ion:101 Resp: 94325
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.496 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088017.D
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Tgt Ion: 74 Resp: 35922
 Ion Ratio Lower Upper
 74 100
 45 94.1 45.4 136.1

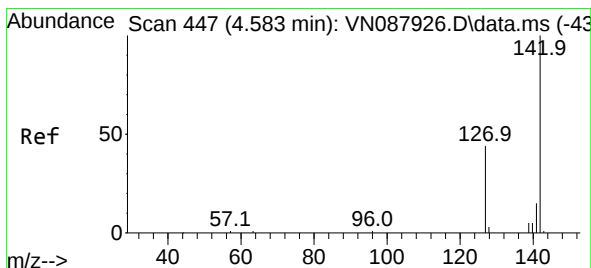
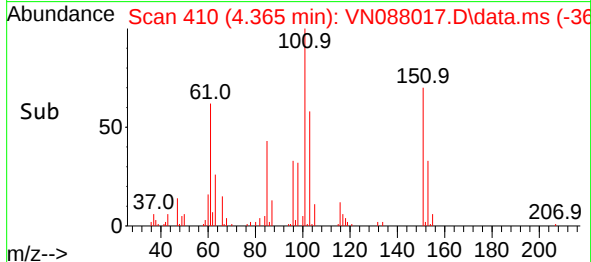
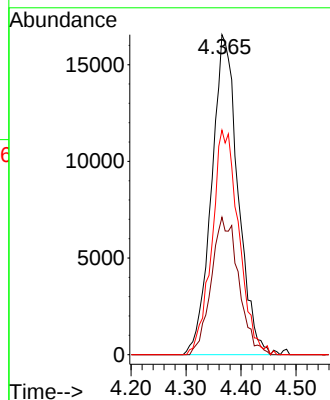
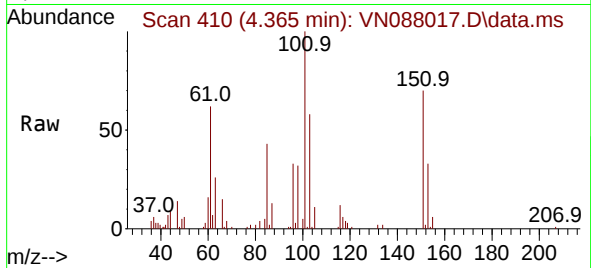




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.798 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

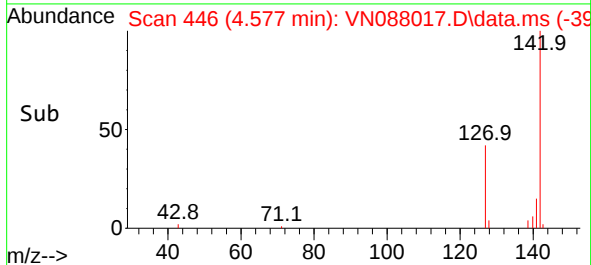
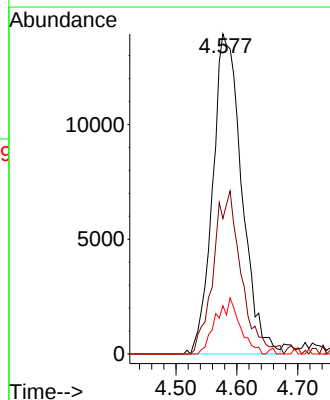
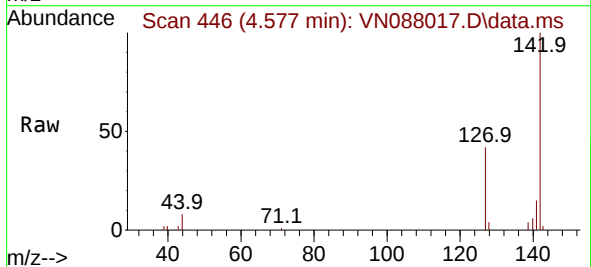
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

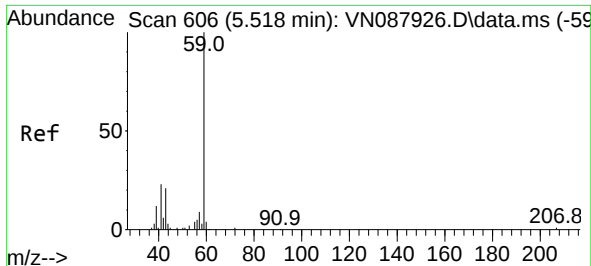
Tgt Ion:101 Resp: 55398
Ion Ratio Lower Upper
101 100
85 44.3 36.5 54.7
151 71.3 58.6 87.8



#10
Methyl Iodide
Concen: 23.005 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion:142 Resp: 46255
Ion Ratio Lower Upper
142 100
127 42.3 35.3 52.9
141 15.1 11.8 17.8

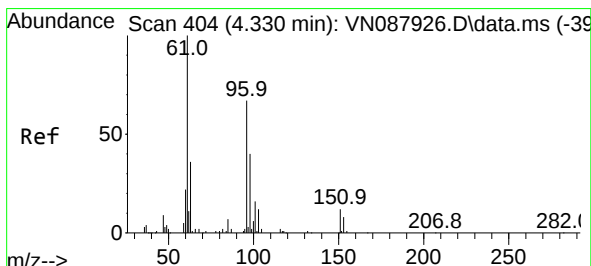
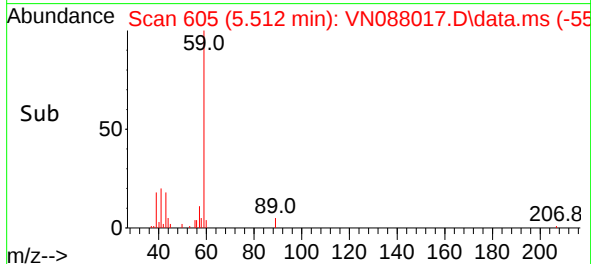
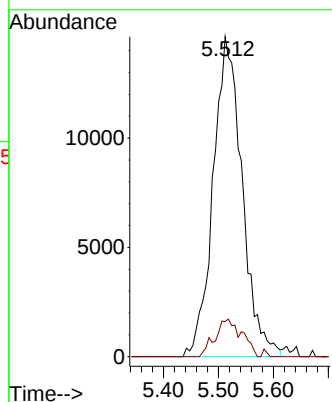
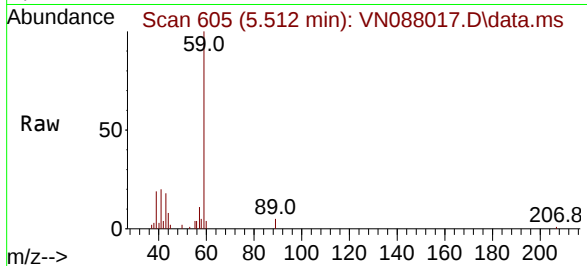




#11
Tert butyl alcohol
Concen: 102.873 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

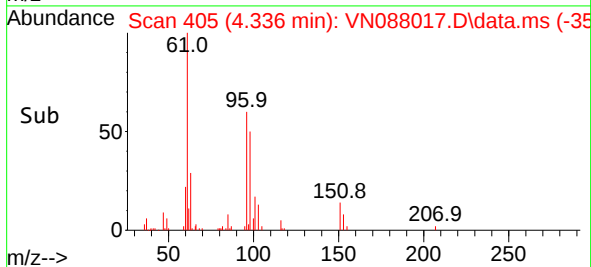
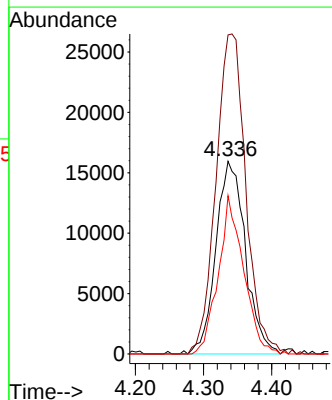
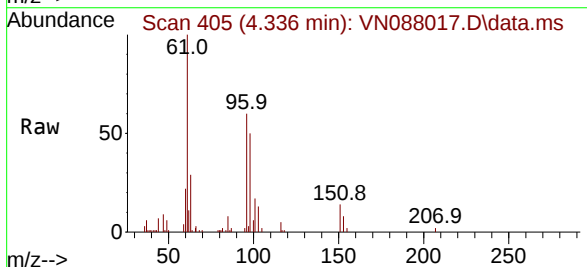
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

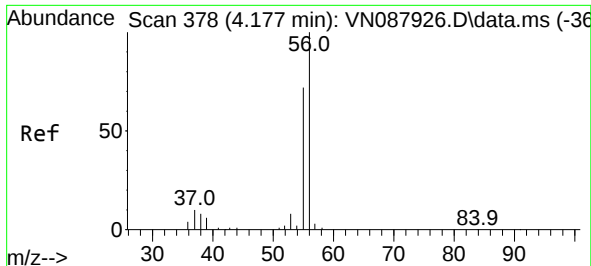
Tgt Ion: 59 Resp: 53512
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 21.336 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 96 Resp: 48095
Ion Ratio Lower Upper
96 100
61 165.6 119.2 178.8
98 82.1 47.5 71.3#





#13

Acrolein

Concen: 68.192 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

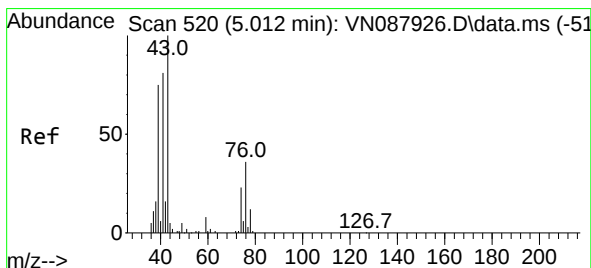
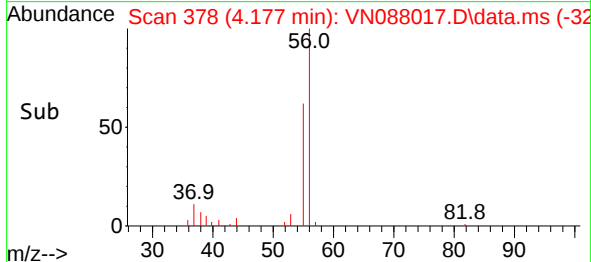
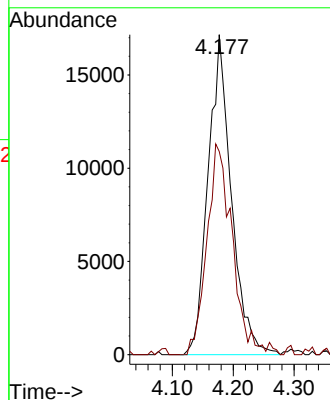
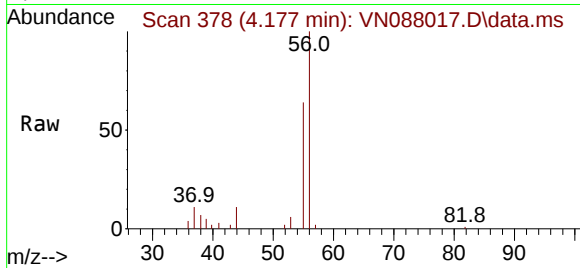
VN1003MBS01

Tgt Ion: 56 Resp: 45514

Ion Ratio Lower Upper

56 100

55 71.3 59.3 88.9



#14

Allyl chloride

Concen: 20.174 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.012 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

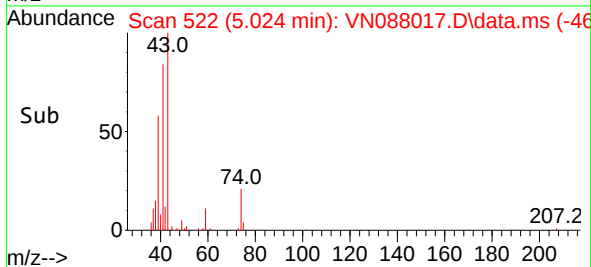
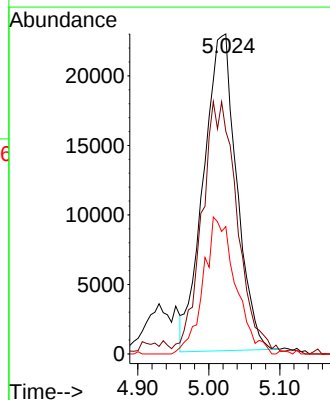
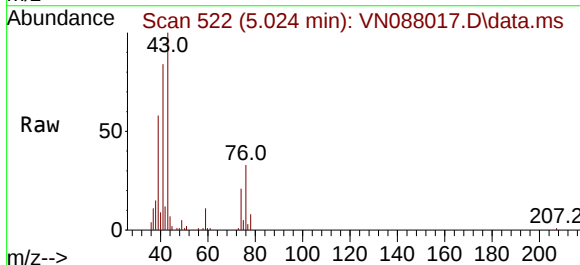
Tgt Ion: 41 Resp: 74032

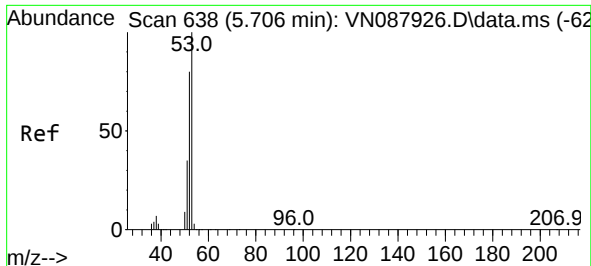
Ion Ratio Lower Upper

41 100

39 82.9 63.8 95.8

76 42.0 33.0 49.6

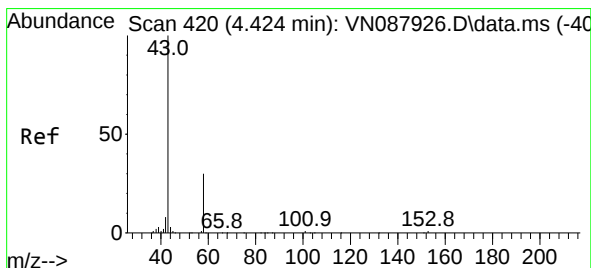
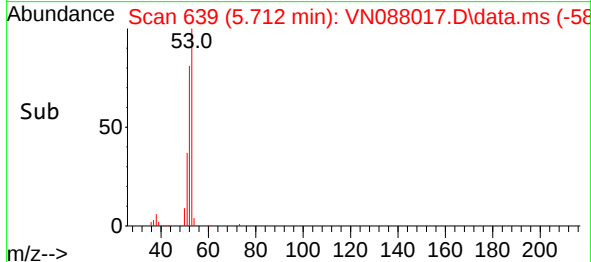
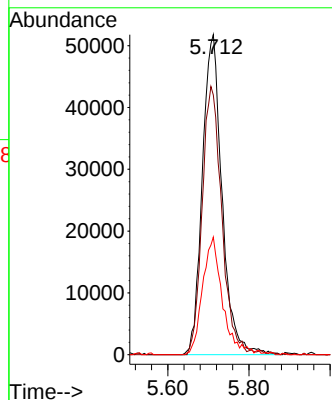
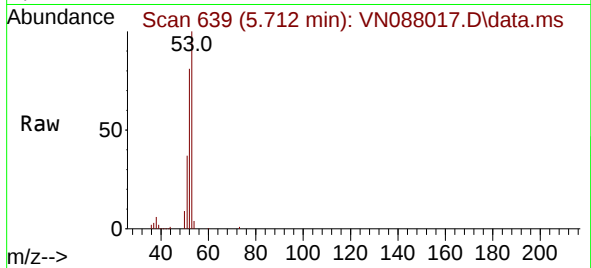




#15
Acrylonitrile
Concen: 106.821 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

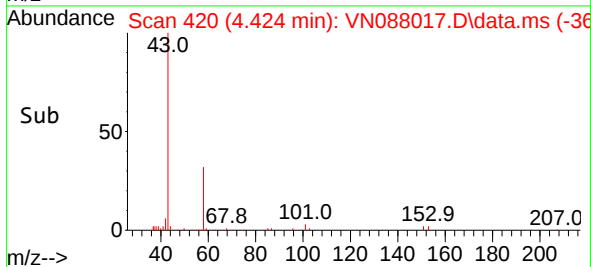
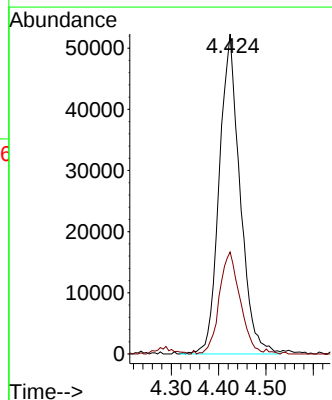
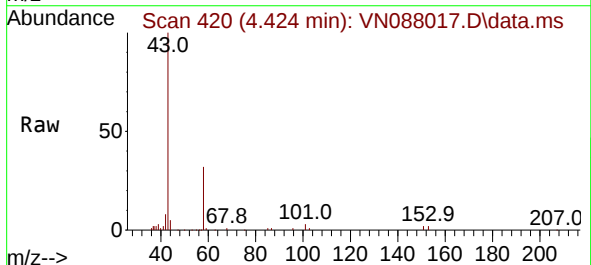
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

Tgt Ion: 53 Resp: 174295
Ion Ratio Lower Upper
53 100
52 83.1 66.6 99.8
51 36.9 29.0 43.4



#16
Acetone
Concen: 107.282 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 43 Resp: 159412
Ion Ratio Lower Upper
43 100
58 31.9 24.1 36.1

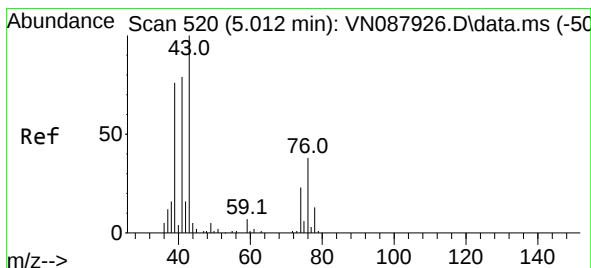
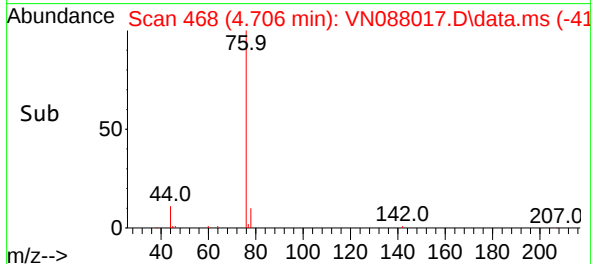
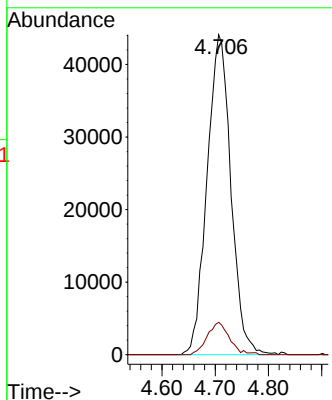
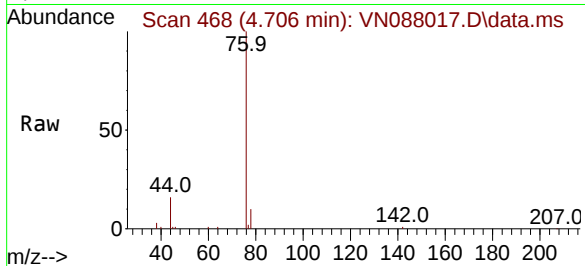




#17
Carbon Disulfide
Concen: 19.483 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

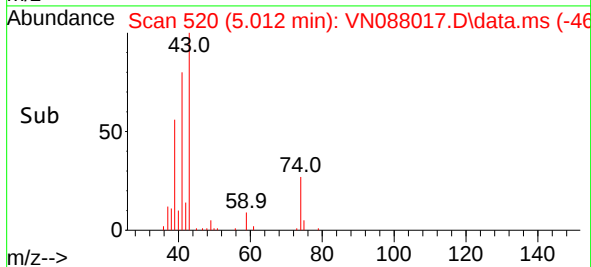
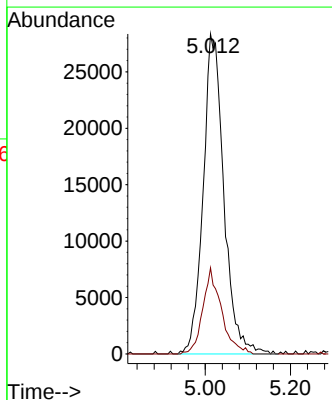
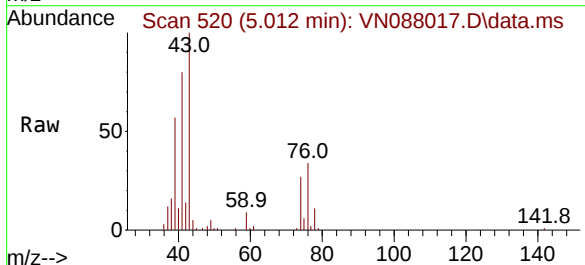
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

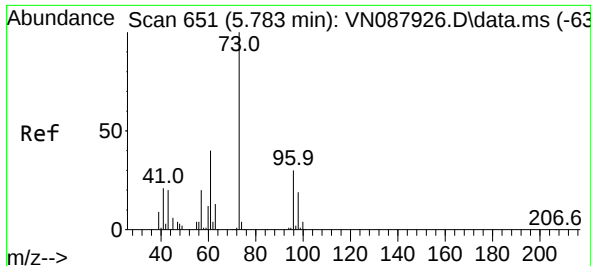
Tgt Ion: 76 Resp: 137217
Ion Ratio Lower Upper
76 100
78 10.1 6.7 10.1#



#18
Methyl Acetate
Concen: 25.756 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 43 Resp: 95778
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5

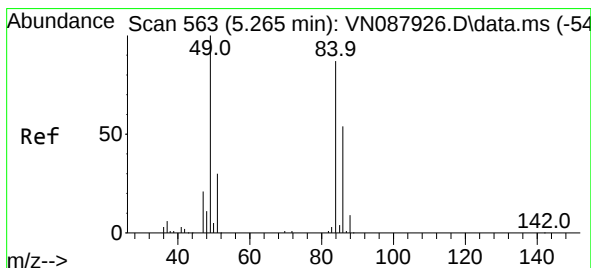
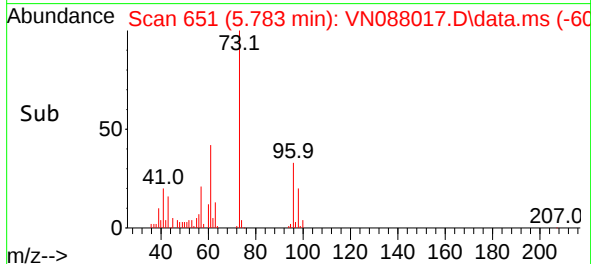
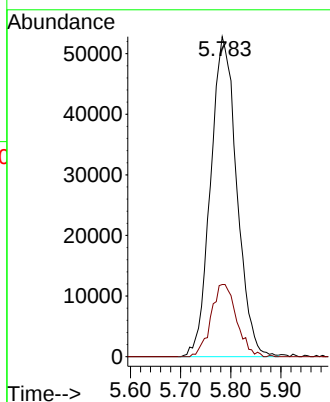
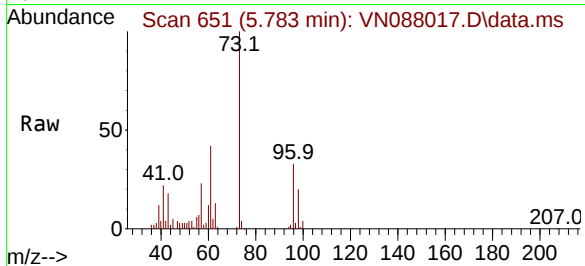




#19
Methyl tert-butyl Ether
Concen: 21.793 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

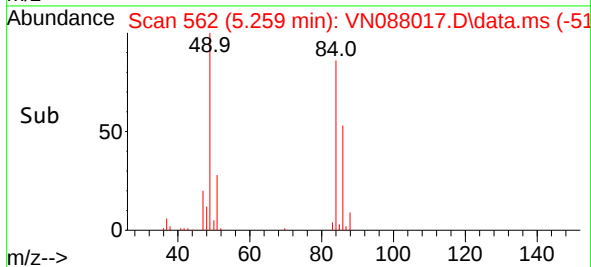
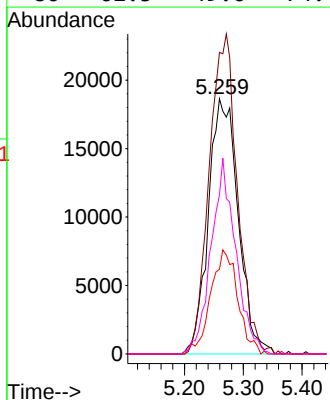
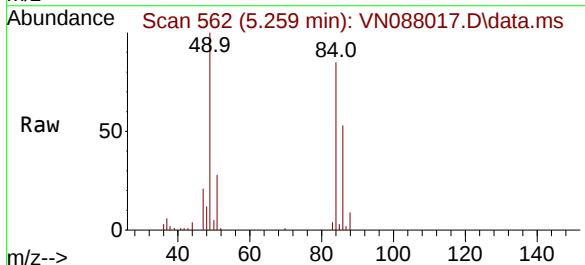
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

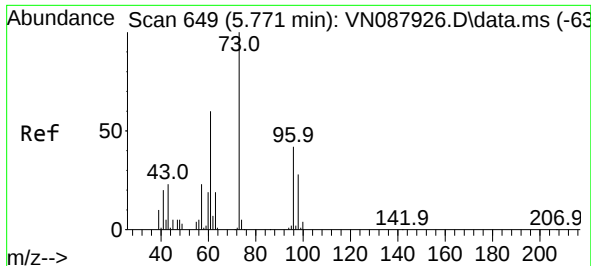
Tgt Ion: 73 Resp: 191898
Ion Ratio Lower Upper
73 100
57 22.6 16.3 24.5



#20
Methylene Chloride
Concen: 21.857 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 84 Resp: 65739
Ion Ratio Lower Upper
84 100
49 118.2 92.1 138.1
51 33.2 27.7 41.5
86 62.3 49.6 74.4

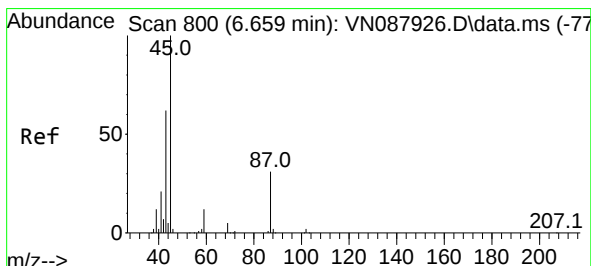
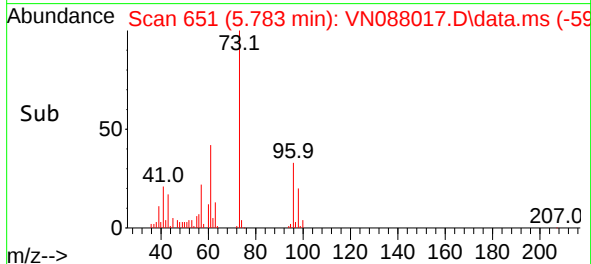
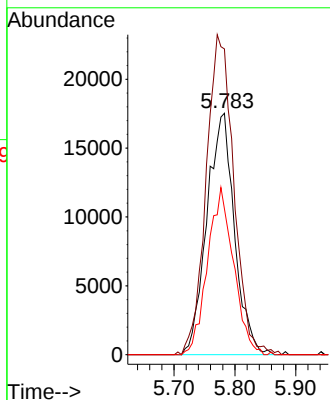
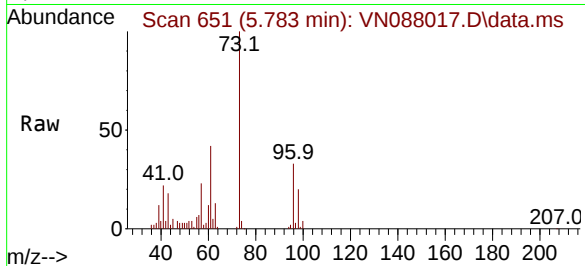




#21
trans-1,2-Dichloroethene
Concen: 19.994 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

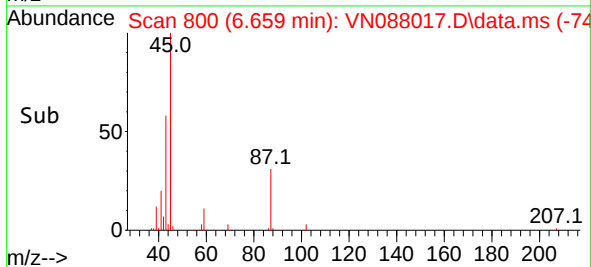
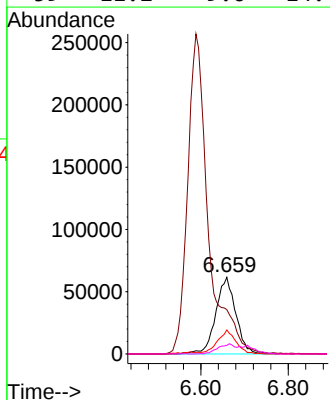
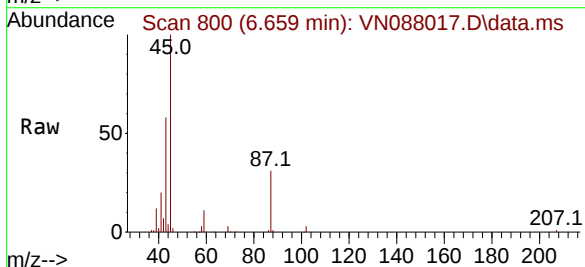
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

Tgt Ion: 96 Resp: 55252
Ion Ratio Lower Upper
96 100
61 125.5 114.4 171.6
98 60.4 53.6 80.4



#22
Diisopropyl ether
Concen: 22.821 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 45 Resp: 195506
Ion Ratio Lower Upper
45 100
43 57.0 49.9 74.9
87 31.3 25.2 37.8
59 11.2 9.6 14.4

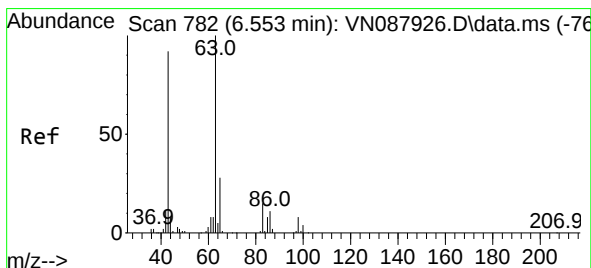
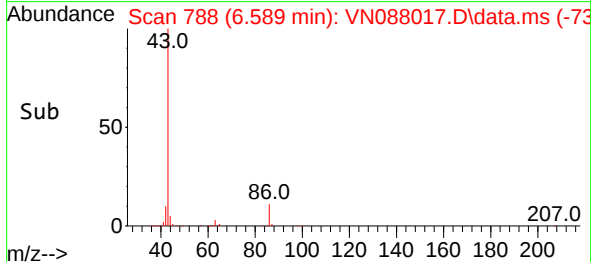
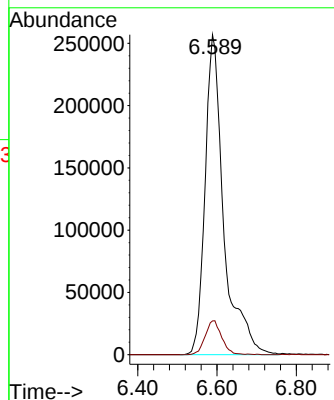
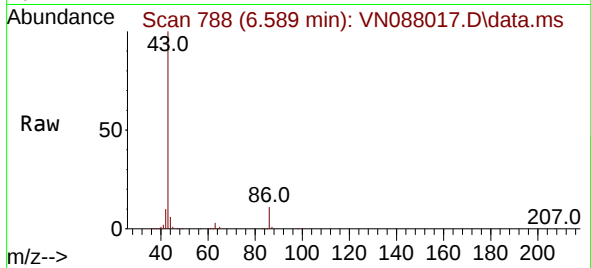




#23
 Vinyl Acetate
 Concen: 116.434 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

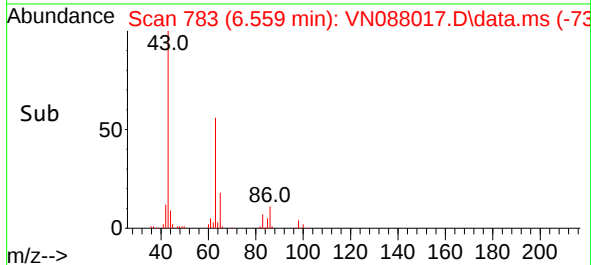
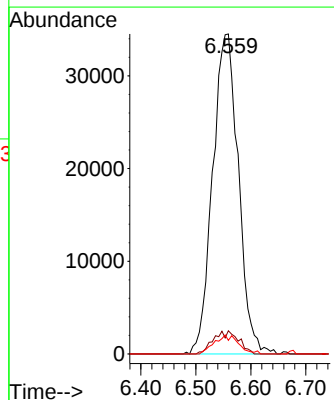
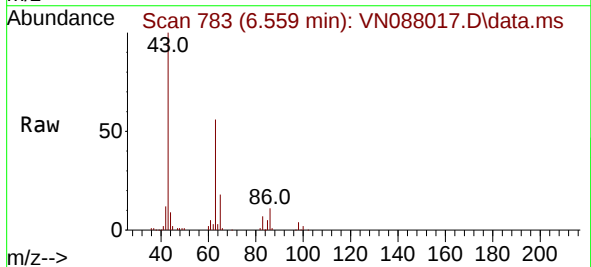
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

Tgt Ion: 43 Resp: 839859
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.430 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

Tgt Ion: 63 Resp: 112260
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.3 2.1 6.5

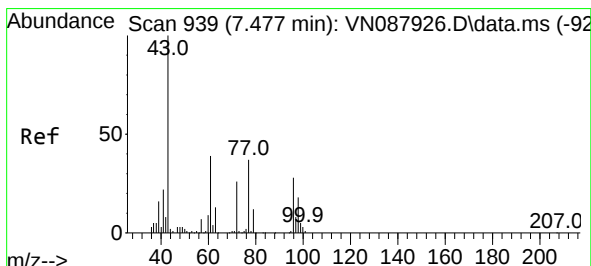
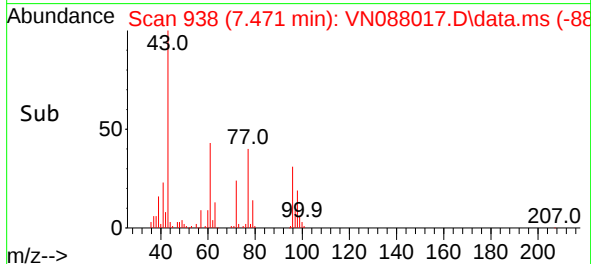
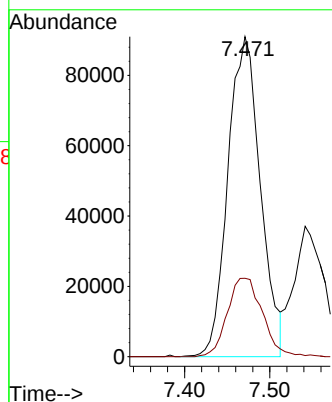
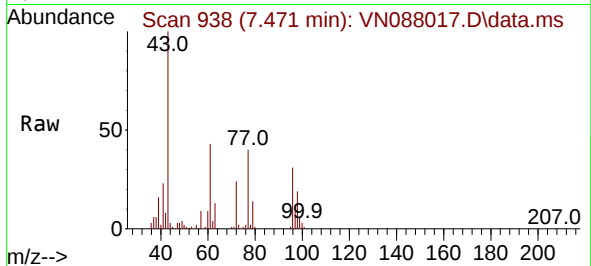




#25
2-Butanone
Concen: 106.193 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

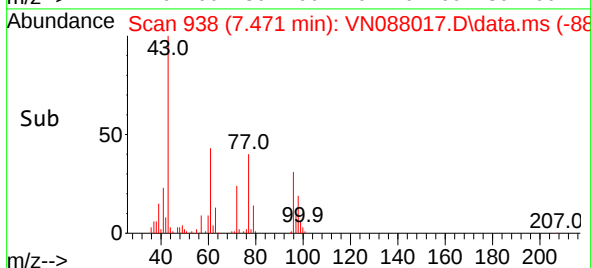
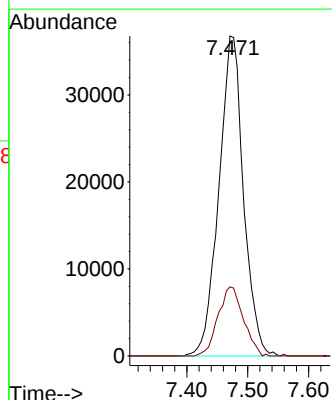
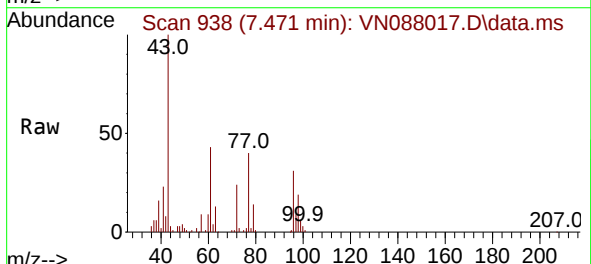
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

Tgt Ion: 43 Resp: 241181
Ion Ratio Lower Upper
43 100
72 24.5 21.5 32.3



#26
2,2-Dichloropropane
Concen: 23.186 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 77 Resp: 103103
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5

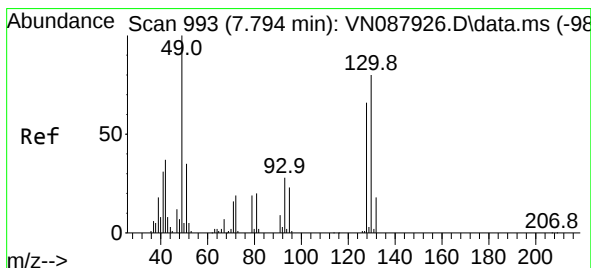
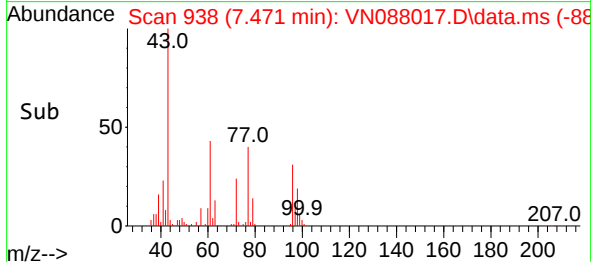
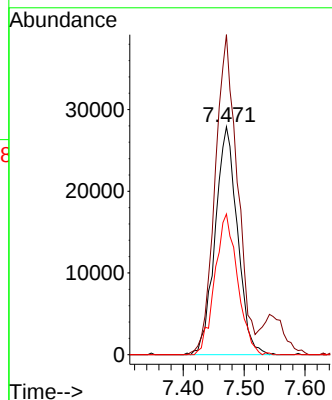
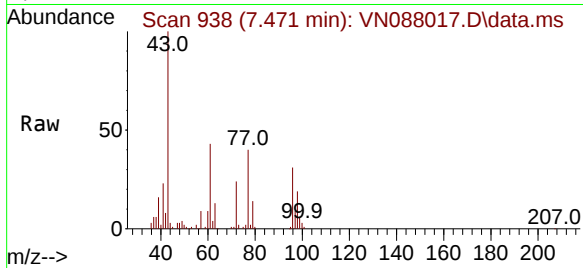




#27
 cis-1,2-Dichloroethene
 Concen: 21.593 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

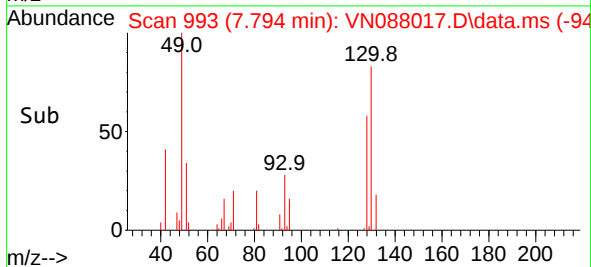
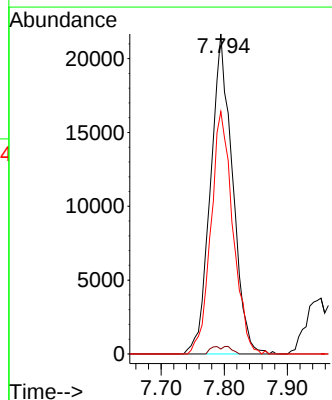
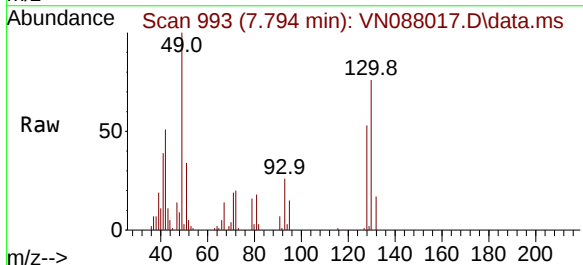
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

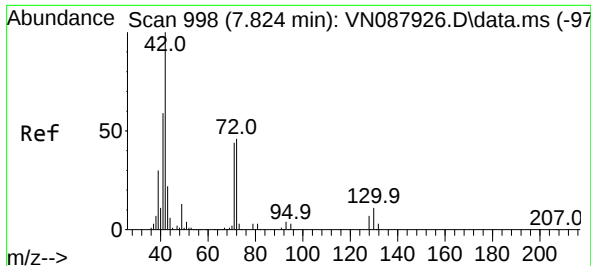
Tgt Ion: 96 Resp: 70997
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 283.0
 98 62.6 0.0 127.6



#28
 Bromochloromethane
 Concen: 19.238 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

Tgt Ion: 49 Resp: 52314
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 5.4
 130 75.9 62.6 94.0





#29

Tetrahydrofuran

Concen: 104.408 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

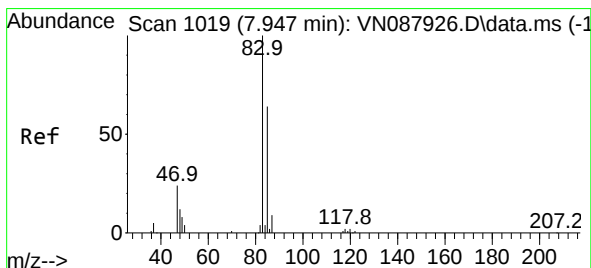
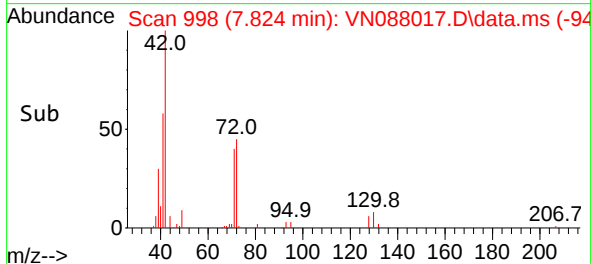
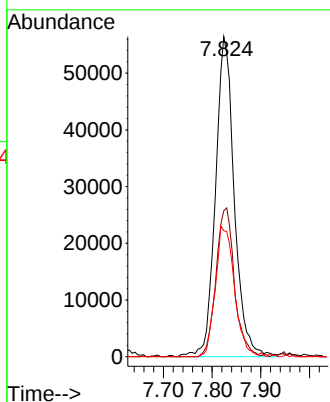
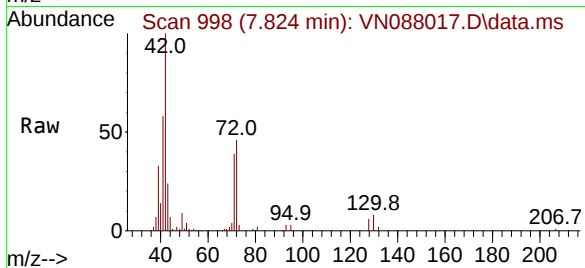
Tgt Ion: 42 Resp: 151836

Ion Ratio Lower Upper

42 100

72 45.5 36.5 54.7

71 41.4 33.8 50.8



#30

Chloroform

Concen: 22.330 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088017.D

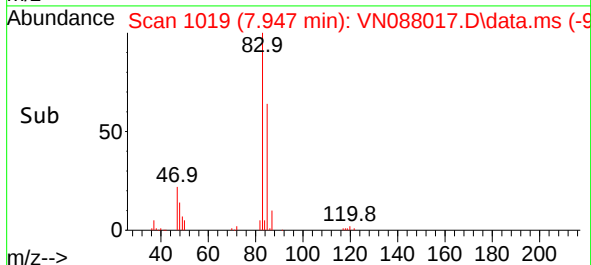
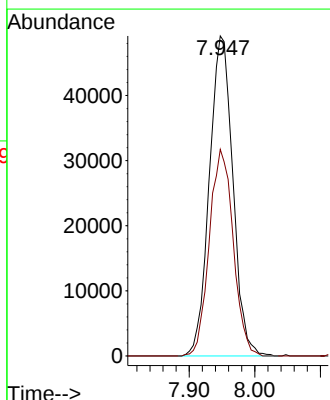
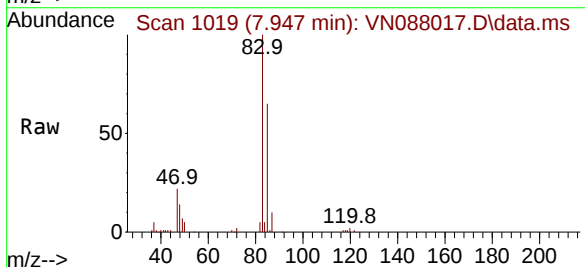
Acq: 03 Oct 2025 12:40

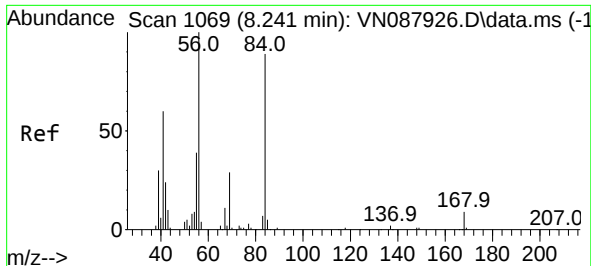
Tgt Ion: 83 Resp: 122200

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3

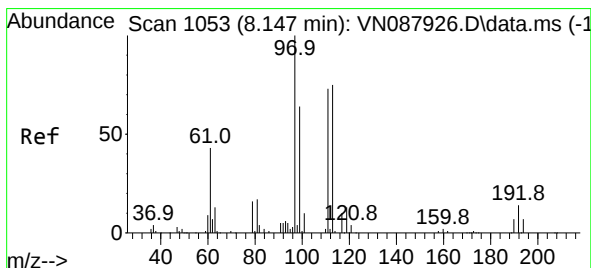
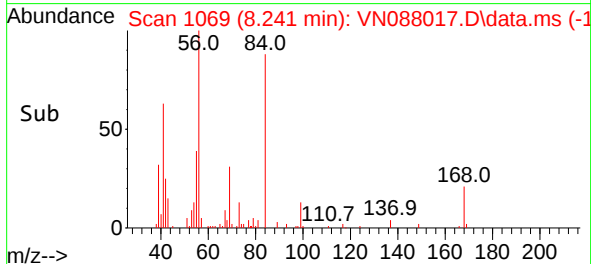
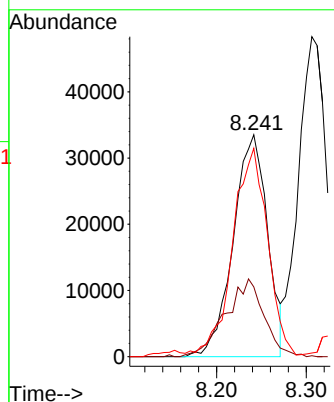
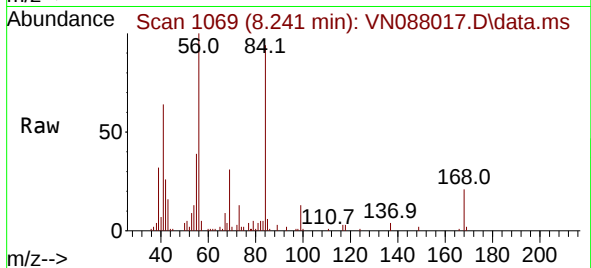




#31
Cyclohexane
Concen: 21.971 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

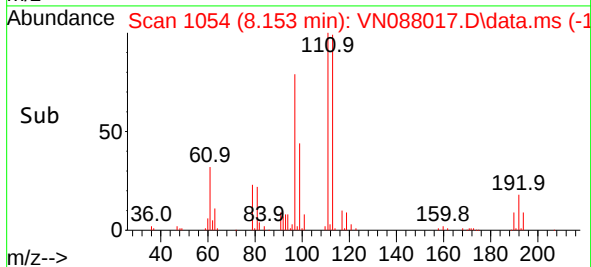
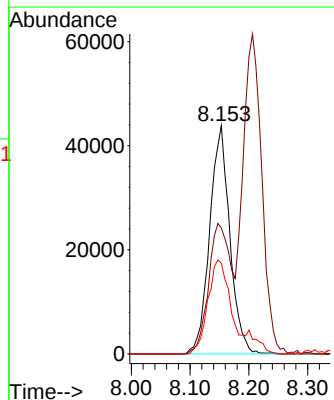
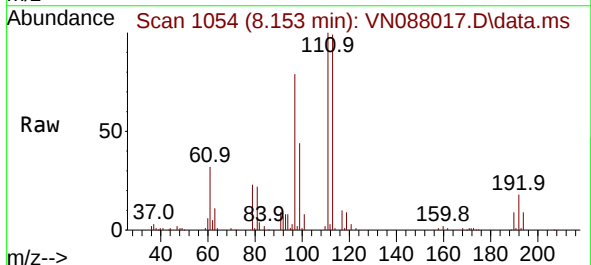
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

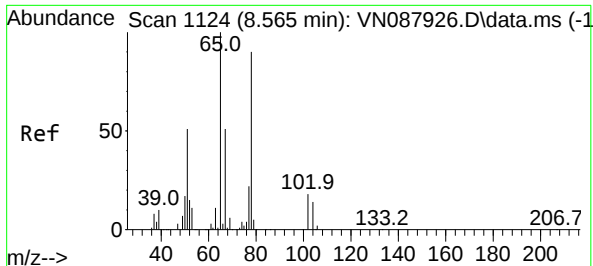
Tgt Ion: 56 Resp: 88976
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.0
84 92.1 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 22.593 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 97 Resp: 104473
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.6 38.6 58.0

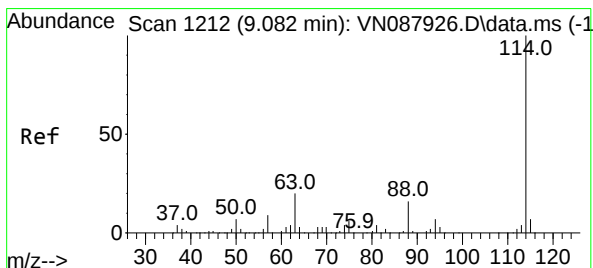
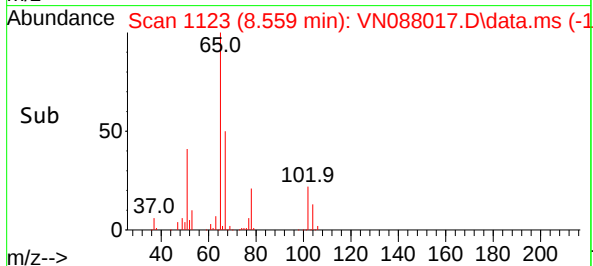
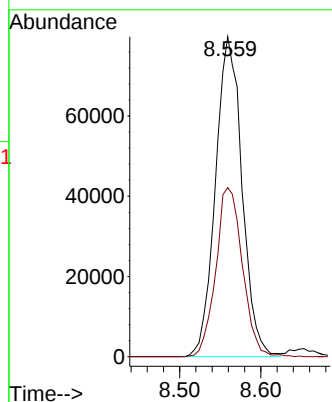
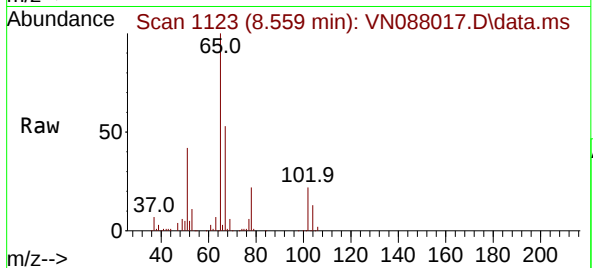




#33
 1,2-Dichloroethane-d4
 Concen: 50.212 ug/l
 RT: 8.559 min Scan# 1124
 Delta R.T. -0.006 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

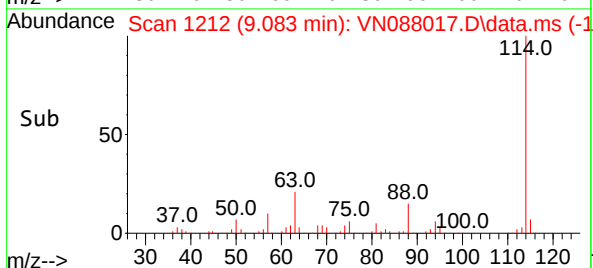
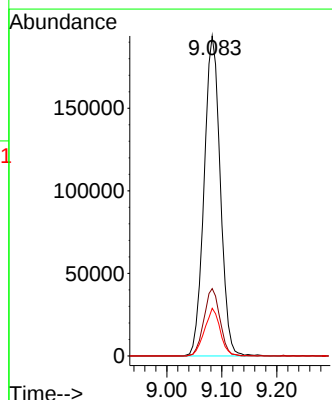
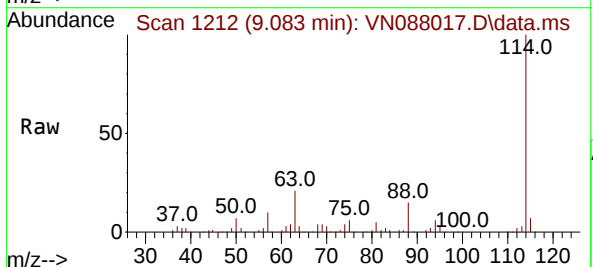
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

Tgt Ion: 65 Resp: 181339
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

Tgt Ion: 114 Resp: 395550
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.076 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

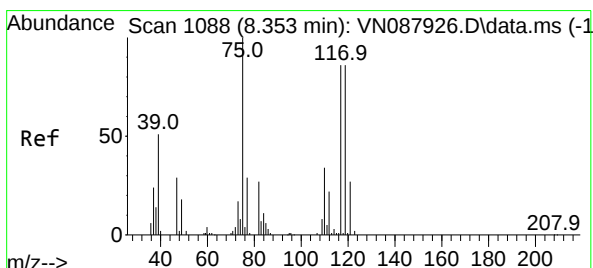
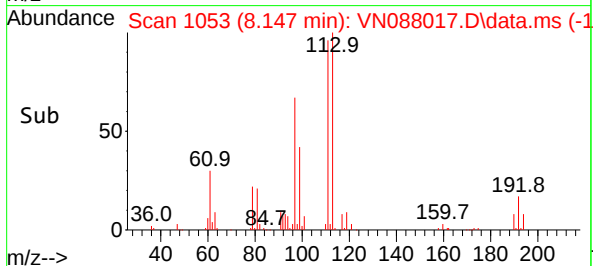
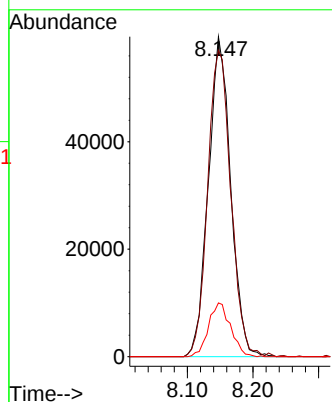
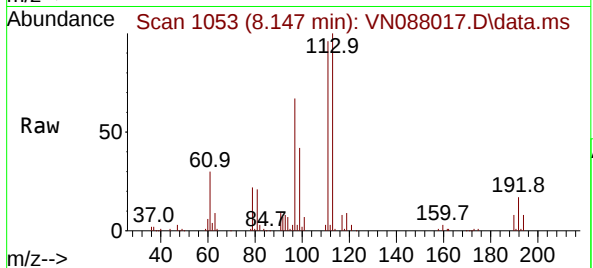
Tgt Ion:113 Resp: 140941

Ion Ratio Lower Upper

113 100

111 99.1 82.2 123.2

192 16.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 22.284 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

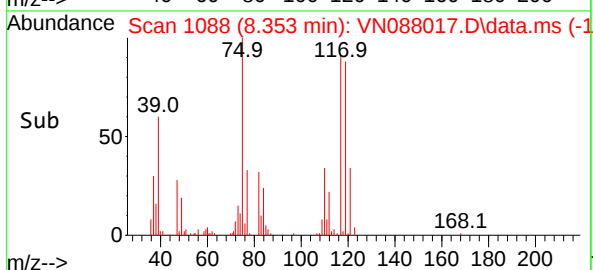
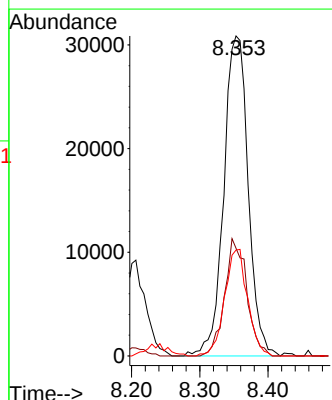
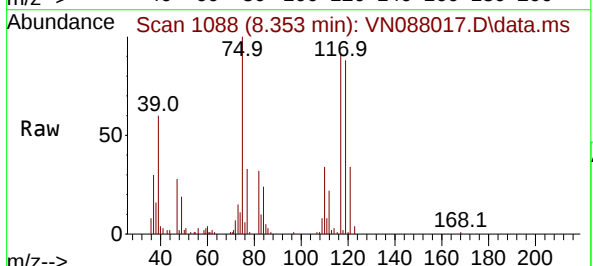
Tgt Ion: 75 Resp: 76954

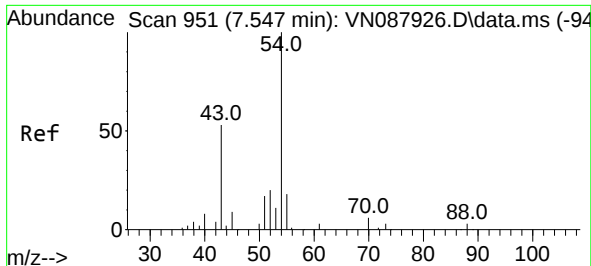
Ion Ratio Lower Upper

75 100

110 33.3 17.1 51.3

77 31.4 24.8 37.2

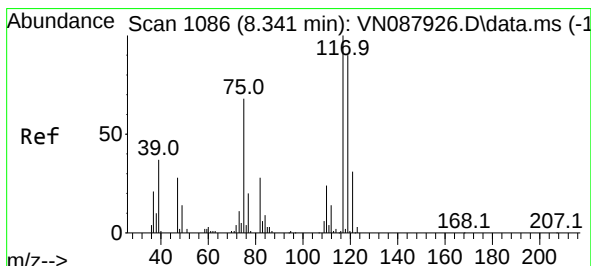
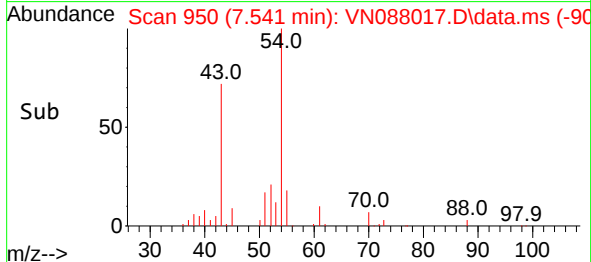
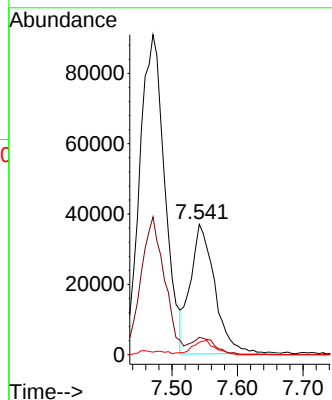
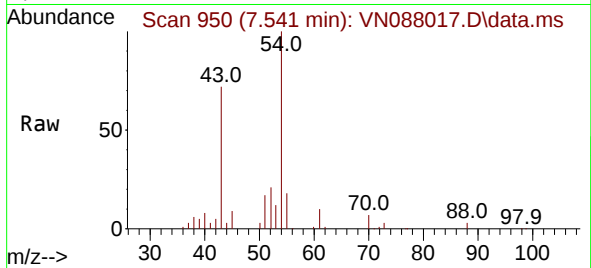




#37
Ethyl Acetate
Concen: 21.115 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

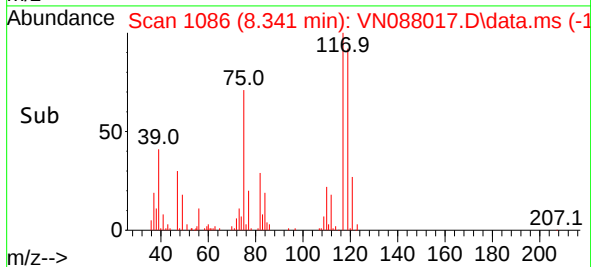
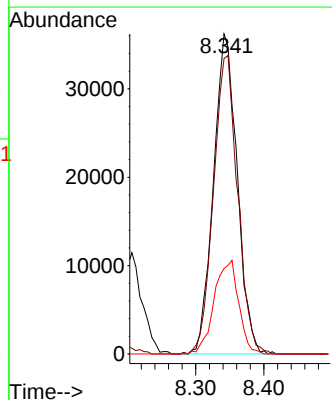
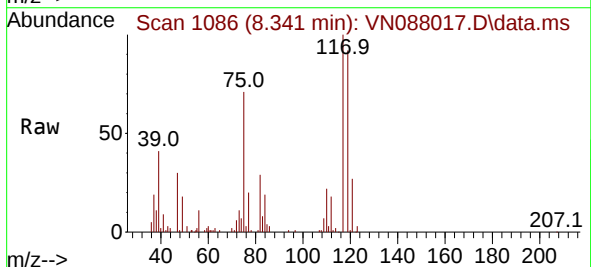
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

Tgt Ion: 43 Resp: 95753
Ion Ratio Lower Upper
43 100
61 12.3 10.7 16.1
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 22.134 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 117 Resp: 87708
Ion Ratio Lower Upper
117 100
119 92.3 72.1 108.1
121 26.7 24.6 36.8





#39

Methylcyclohexane

Concen: 20.952 ug/l

RT: 9.583 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

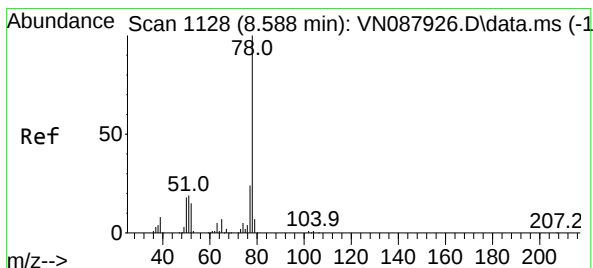
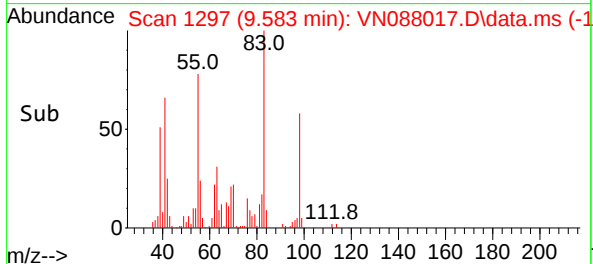
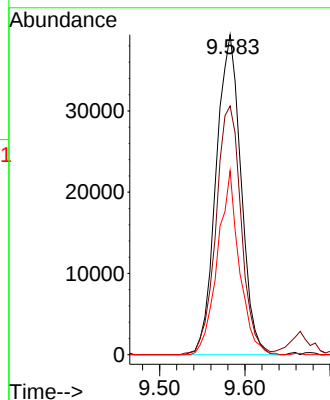
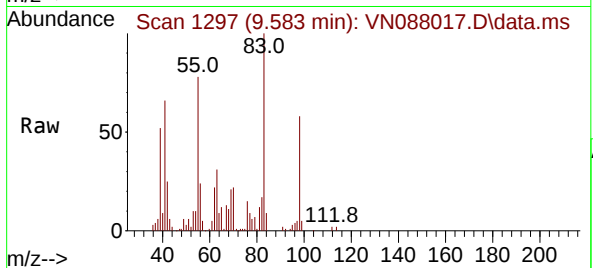
Tgt Ion: 83 Resp: 79816

Ion Ratio Lower Upper

83 100

55 77.7 59.9 89.9

98 57.5 37.4 56.2#



#40

Benzene

Concen: 21.980 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088017.D

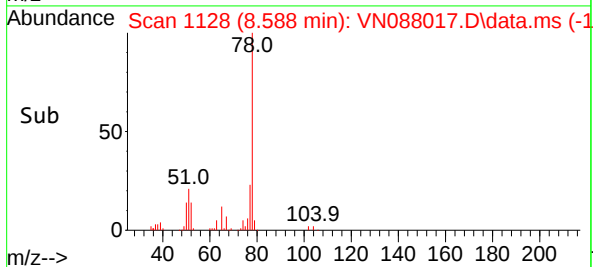
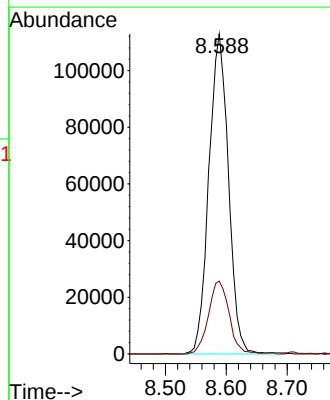
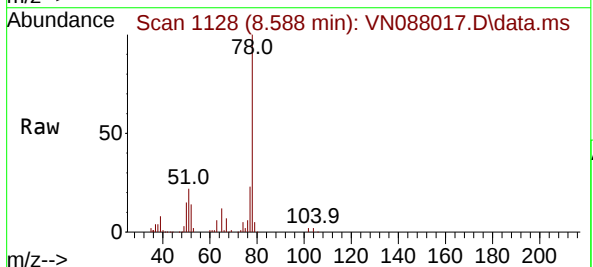
Acq: 03 Oct 2025 12:40

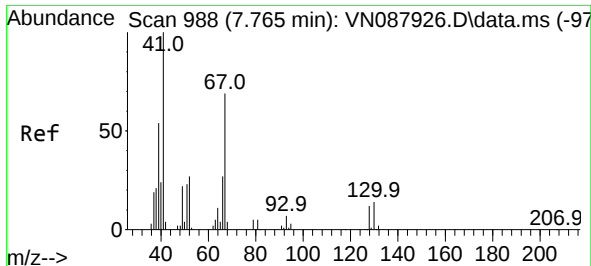
Tgt Ion: 78 Resp: 251325

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

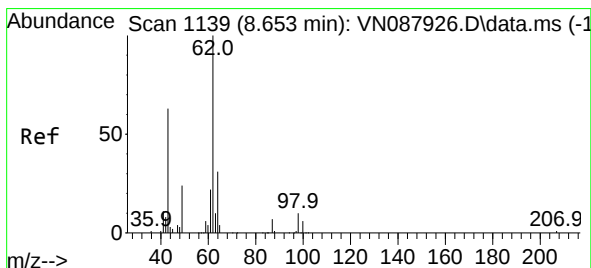
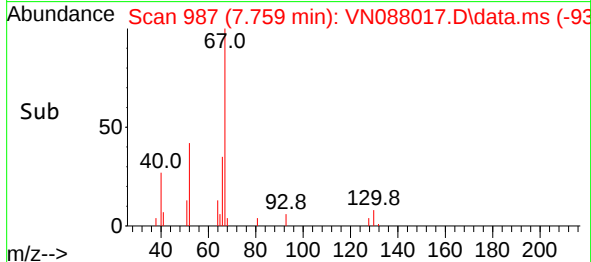
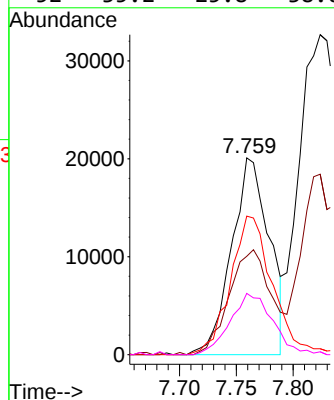
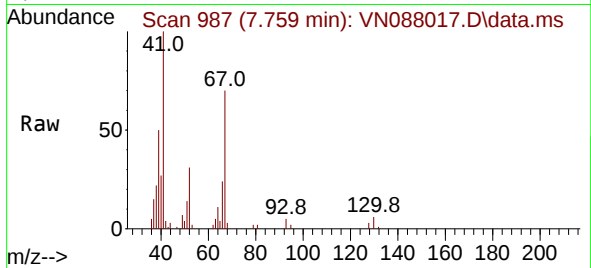




#41
Methacrylonitrile
Concen: 19.791 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

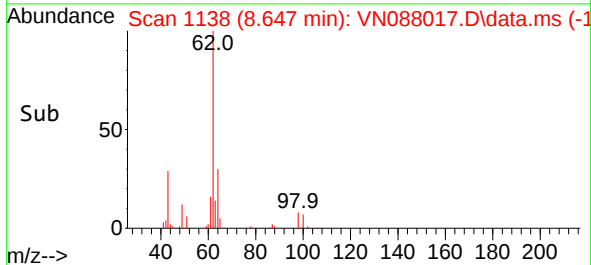
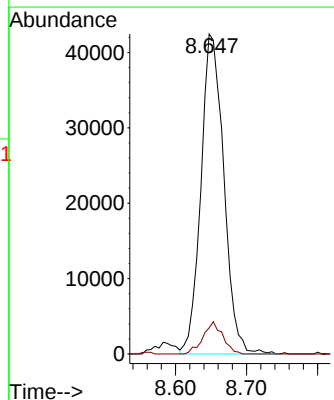
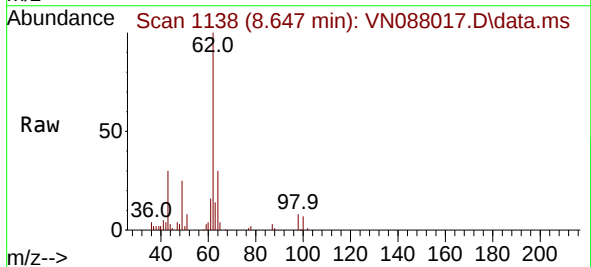
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

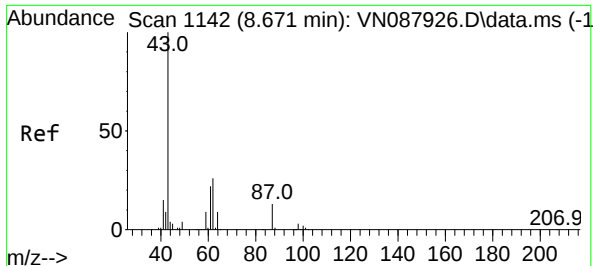
Tgt Ion:	41	Resp:	46380
Ion	Ratio	Lower	Upper
41	100		
39	60.8	43.5	65.3
67	78.9	57.6	86.4
52	35.2	25.8	38.6



#42
1,2-Dichloroethane
Concen: 22.315 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion:	62	Resp:	95219
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.6

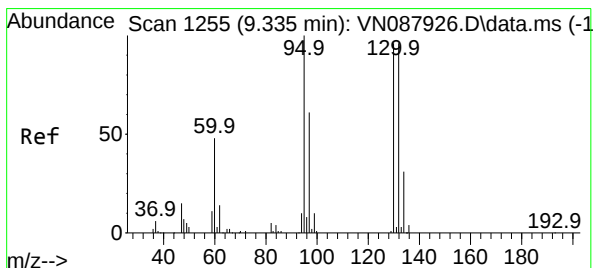
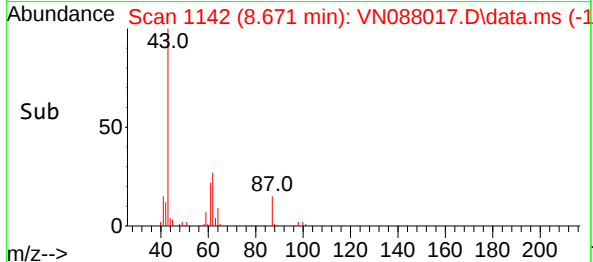
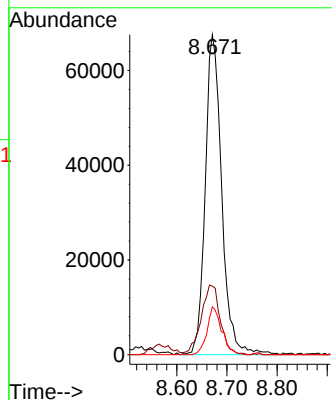
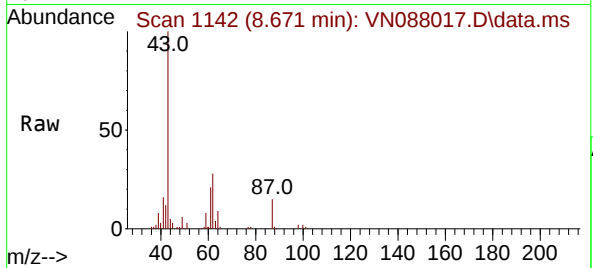




#43
Isopropyl Acetate
Concen: 21.642 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

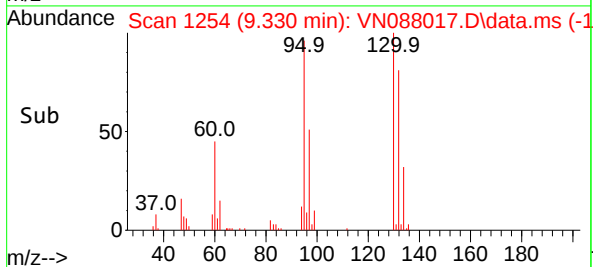
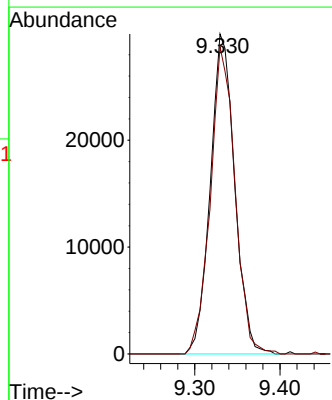
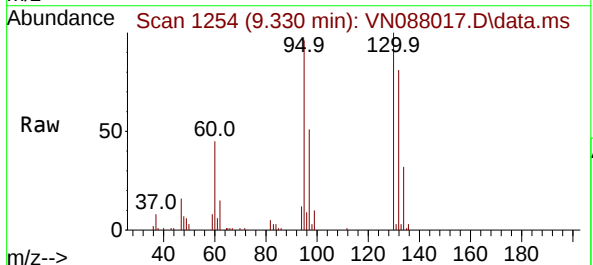
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

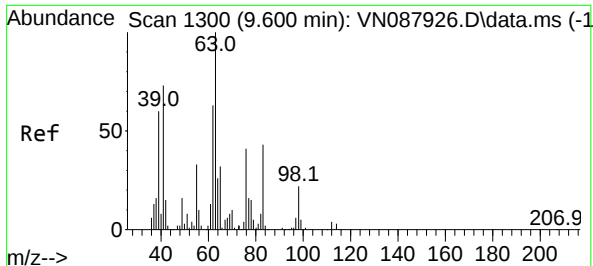
Tgt Ion: 43 Resp: 154481
Ion Ratio Lower Upper
43 100
61 25.1 20.2 30.2
87 13.3 10.9 16.3



#44
Trichloroethene
Concen: 21.806 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion:130 Resp: 59557
Ion Ratio Lower Upper
130 100
95 96.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 22.132 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

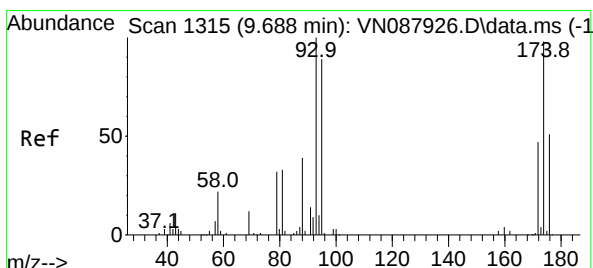
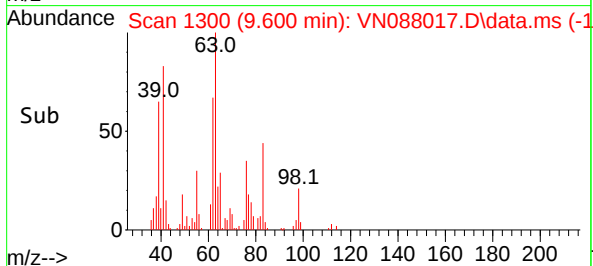
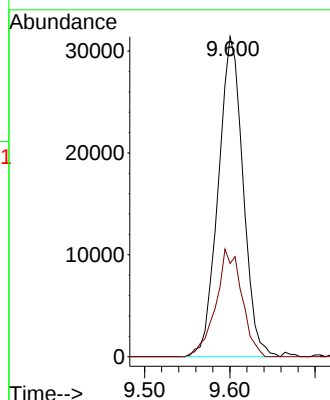
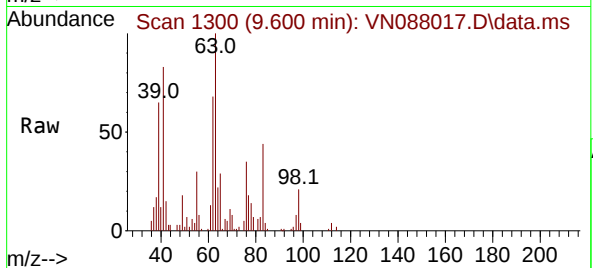
VN1003MBS01

Tgt Ion: 63 Resp: 63456

Ion Ratio Lower Upper

63 100

65 29.1 25.4 38.0



#46

Dibromomethane

Concen: 22.467 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

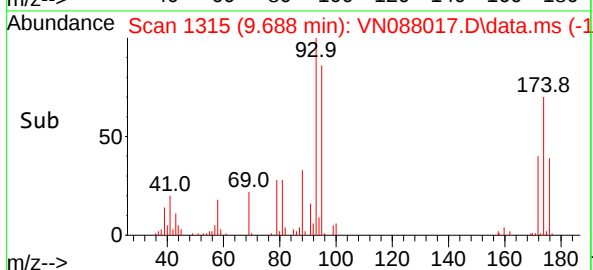
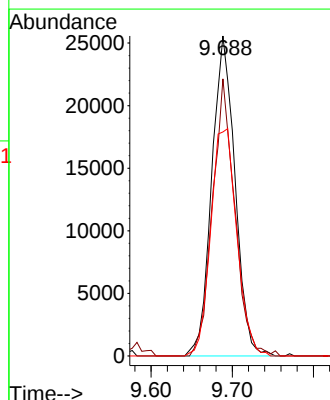
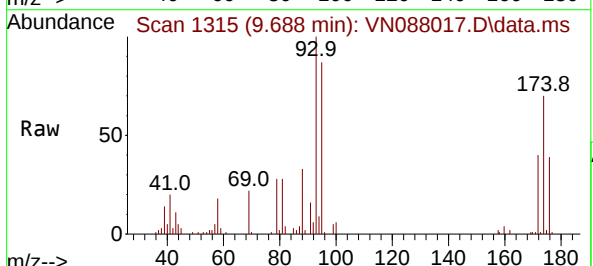
Tgt Ion: 93 Resp: 50828

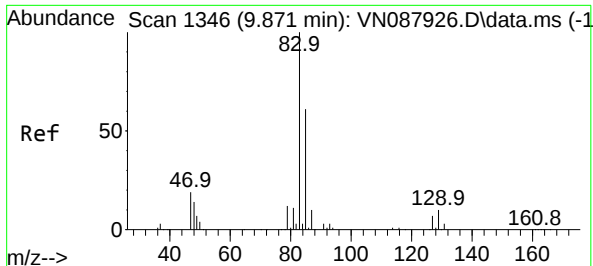
Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 79.8 75.4 113.0

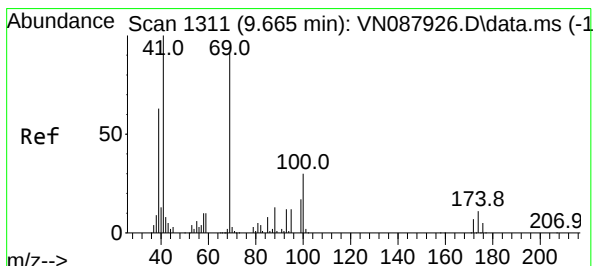
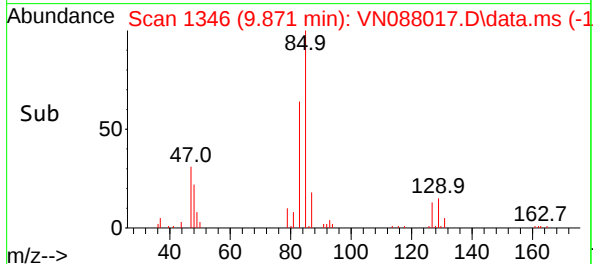
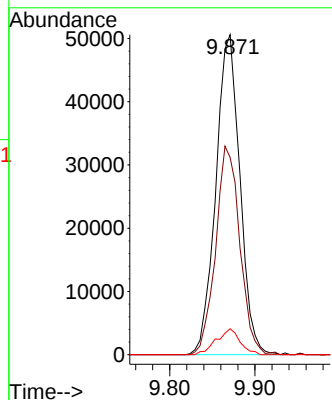
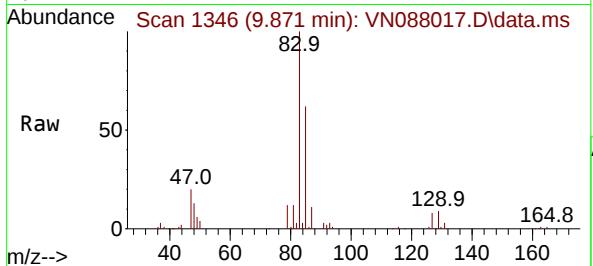




#47
Bromodichloromethane
Concen: 22.364 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

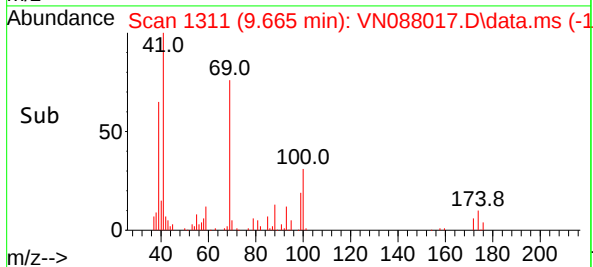
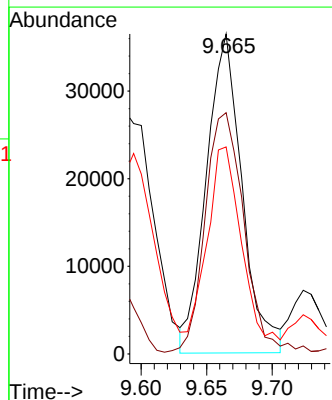
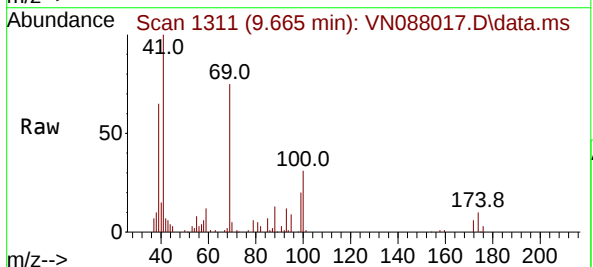
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

Tgt Ion: 83 Resp: 99236
Ion Ratio Lower Upper
83 100
85 61.6 49.1 73.7
127 8.1 5.9 8.9



#48
Methyl methacrylate
Concen: 20.895 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 41 Resp: 69071
Ion Ratio Lower Upper
41 100
69 81.4 70.9 106.3
39 65.0 52.9 79.3





#49

1,4-Dioxane

Concen: 387.339 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

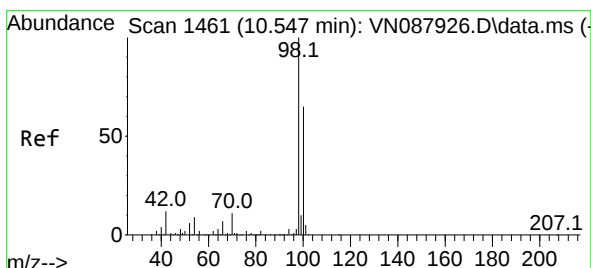
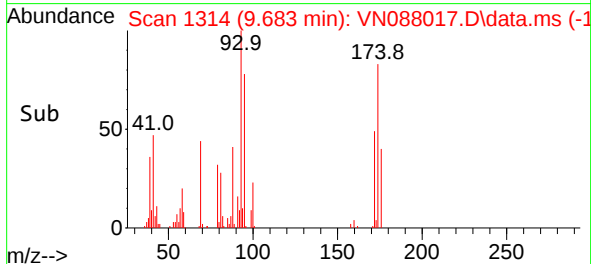
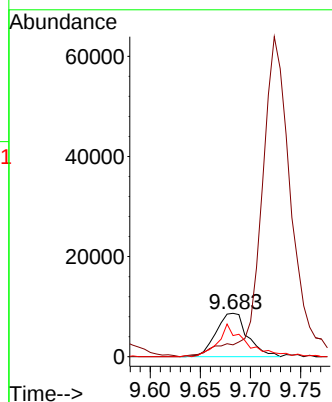
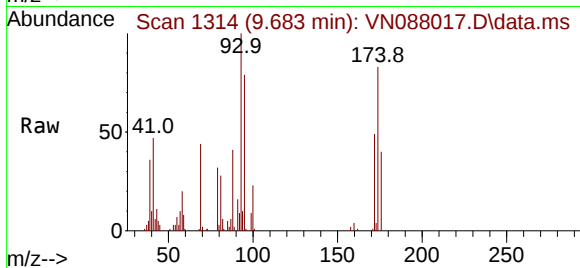
Tgt Ion: 88 Resp: 18915

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 68.0 57.4 86.2



#50

Toluene-d8

Concen: 48.881 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088017.D

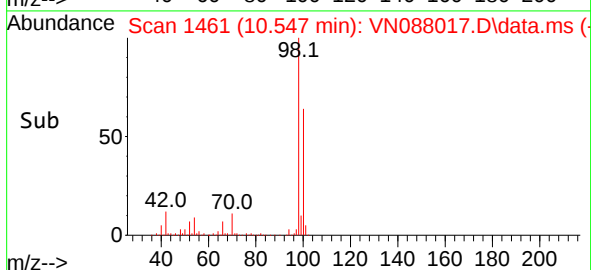
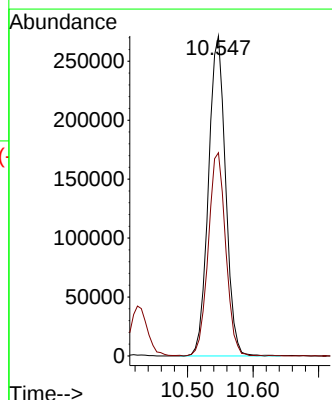
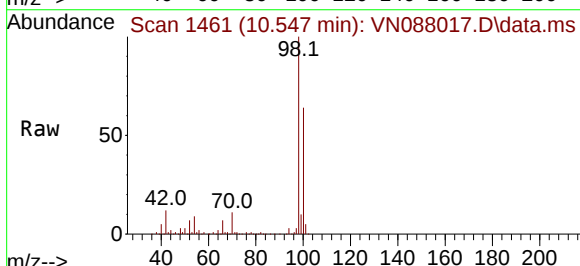
Acq: 03 Oct 2025 12:40

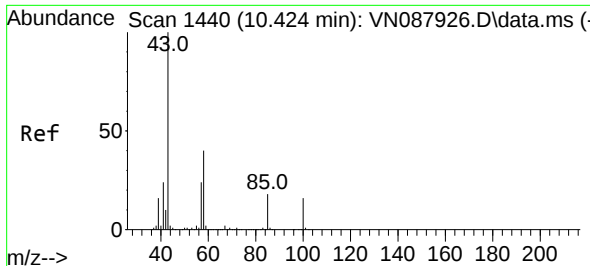
Tgt Ion: 98 Resp: 493665

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5

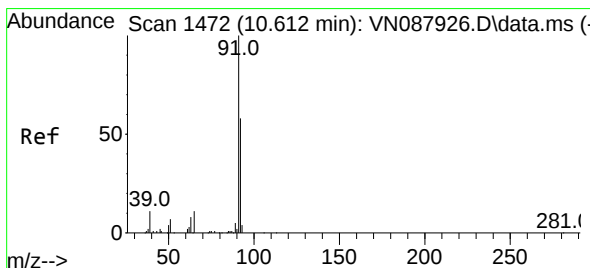
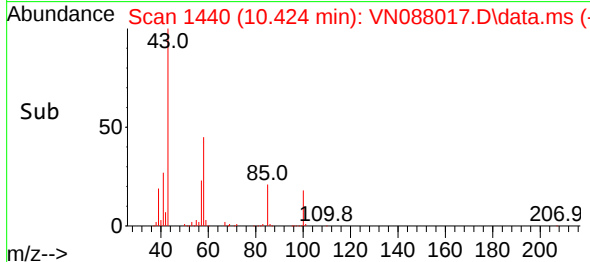
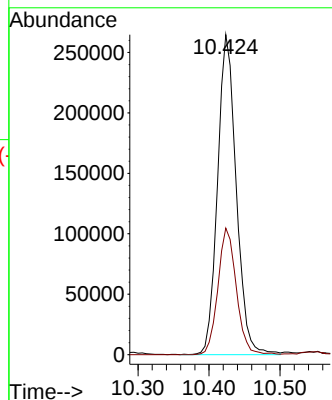
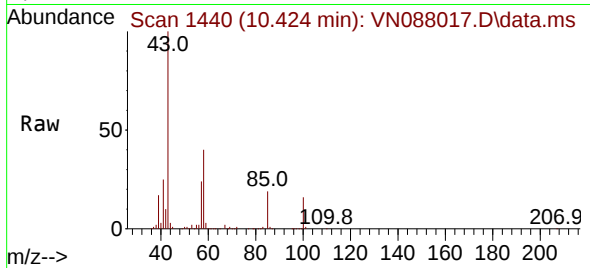




#51
4-Methyl-2-Pentanone
Concen: 108.445 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

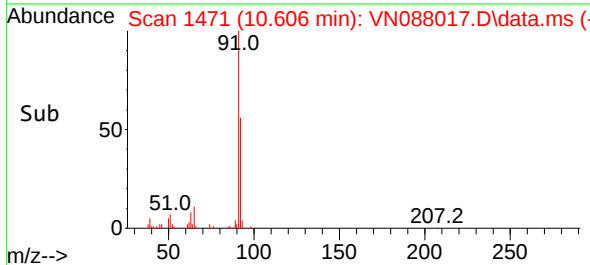
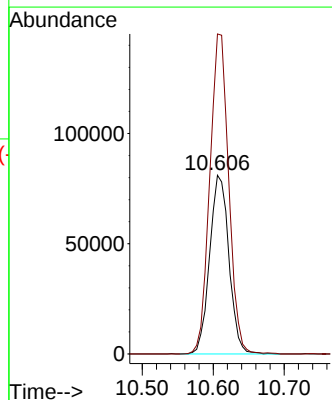
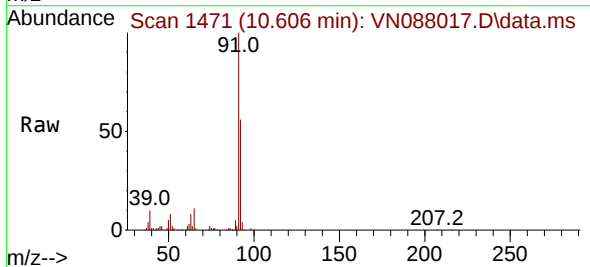
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

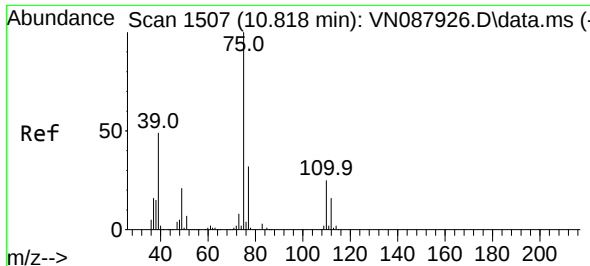
Tgt Ion: 43 Resp: 483026
Ion Ratio Lower Upper
43 100
58 38.9 31.0 46.6



#52
Toluene
Concen: 21.314 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 92 Resp: 152933
Ion Ratio Lower Upper
92 100
91 175.6 138.2 207.2

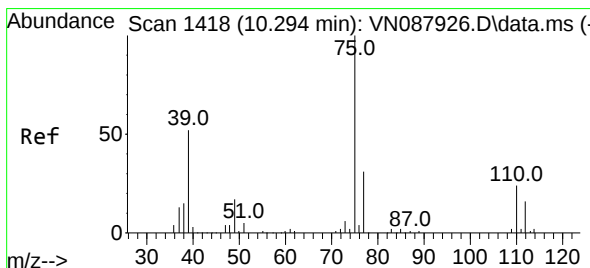
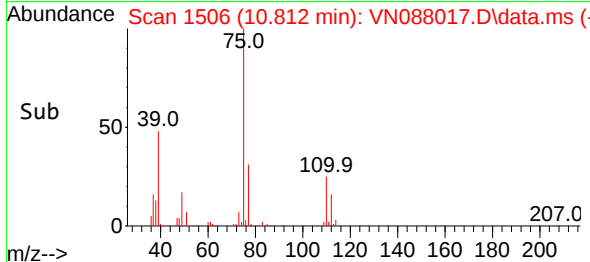
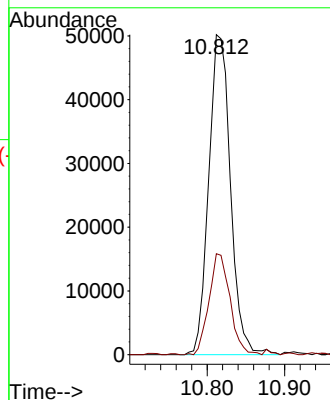
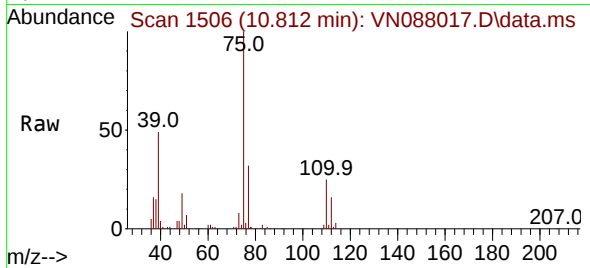




#53
 t-1,3-Dichloropropene
 Concen: 21.563 ug/l
 RT: 10.812 min Scan# 1506
 Delta R.T. -0.006 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

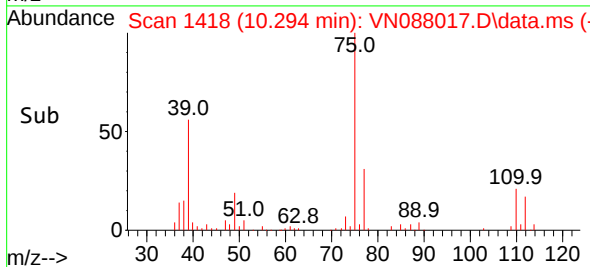
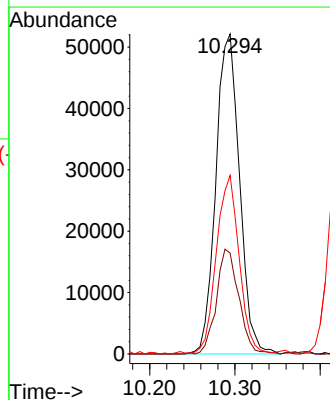
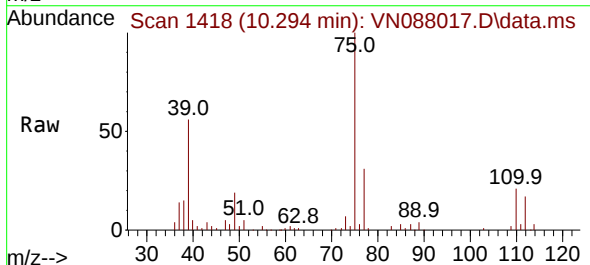
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

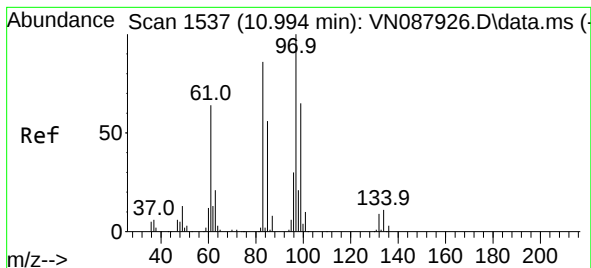
Tgt Ion: 75 Resp: 97929
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.295 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

Tgt Ion: 75 Resp: 100444
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.7 37.1
 39 55.1 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 22.396 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

Tgt Ion: 97 Resp: 65340

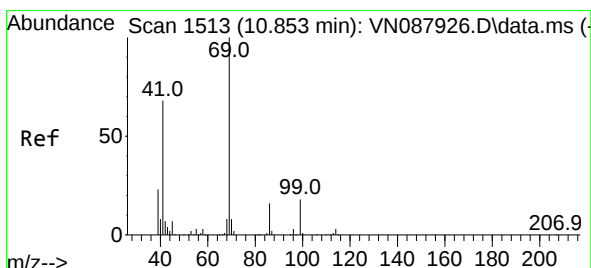
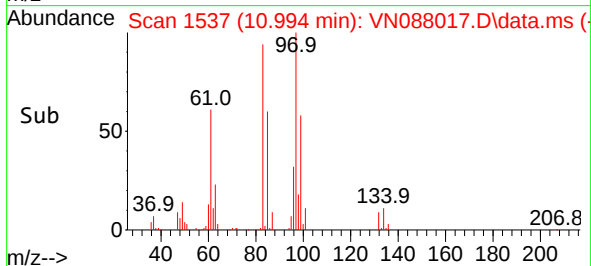
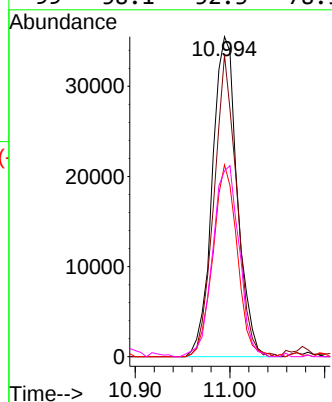
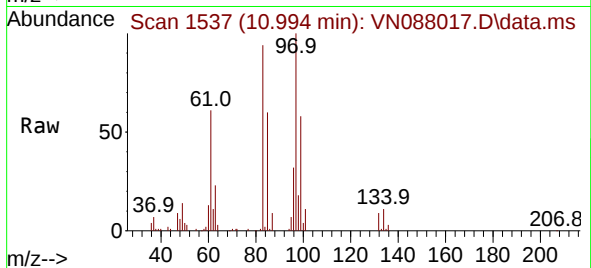
Ion Ratio Lower Upper

97 100

83 94.2 69.0 103.4

85 59.9 44.4 66.6

99 58.1 52.3 78.5



#56

Ethyl methacrylate

Concen: 20.885 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

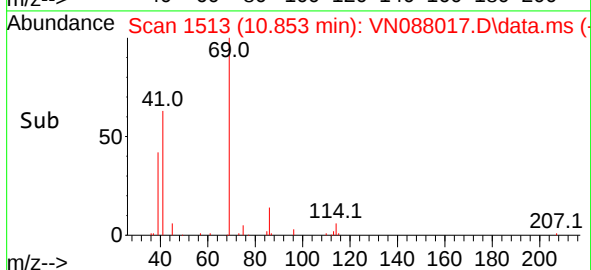
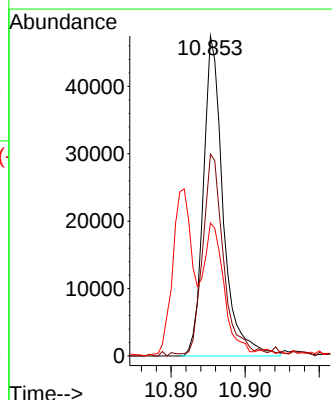
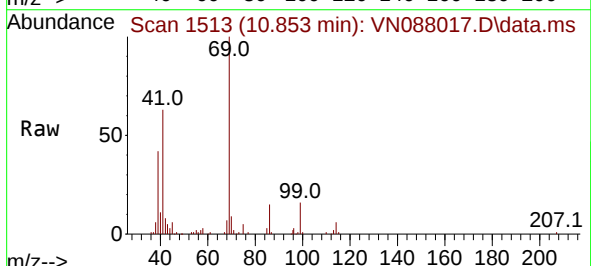
Tgt Ion: 69 Resp: 88041

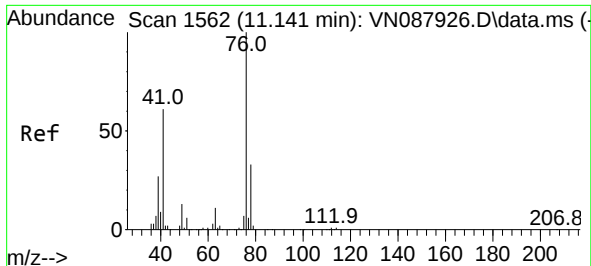
Ion Ratio Lower Upper

69 100

41 64.7 53.8 80.6

39 42.3 34.7 52.1





#57

1,3-Dichloropropane

Concen: 22.858 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

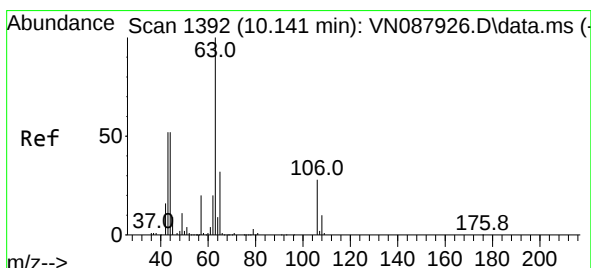
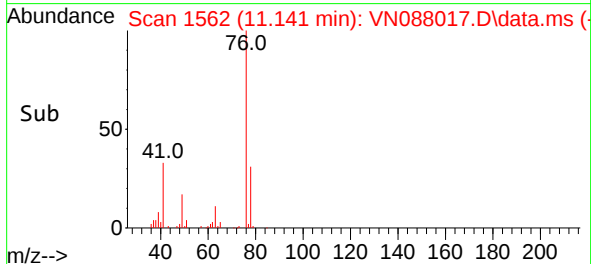
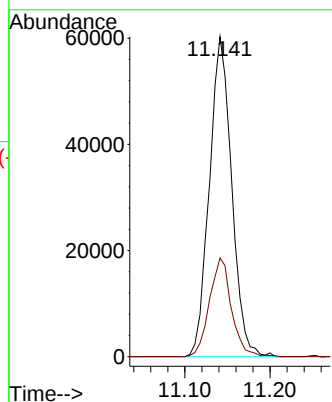
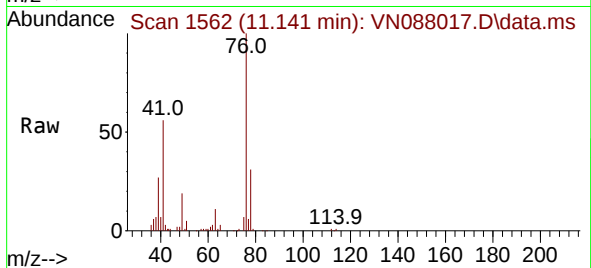
VN1003MBS01

Tgt Ion: 76 Resp: 109688

Ion Ratio Lower Upper

76 100

78 30.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 125.170 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088017.D

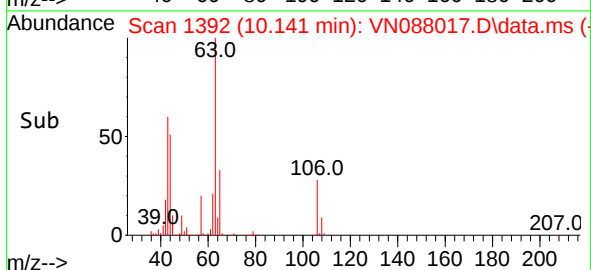
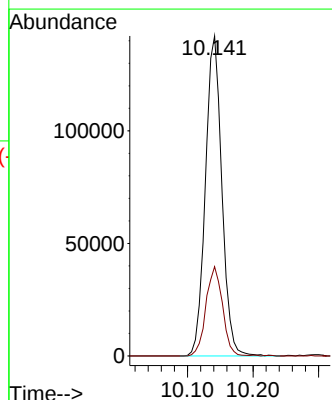
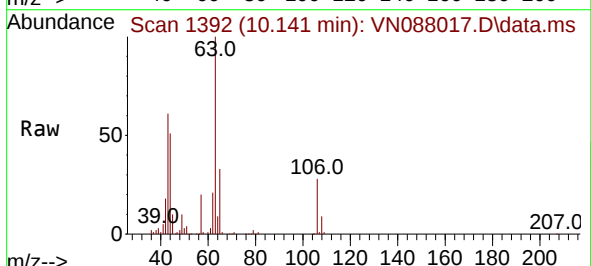
Acq: 03 Oct 2025 12:40

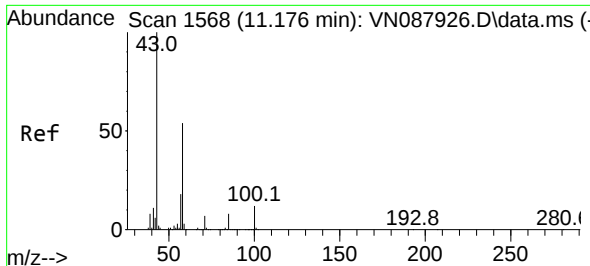
Tgt Ion: 63 Resp: 248097

Ion Ratio Lower Upper

63 100

106 28.2 22.6 33.8

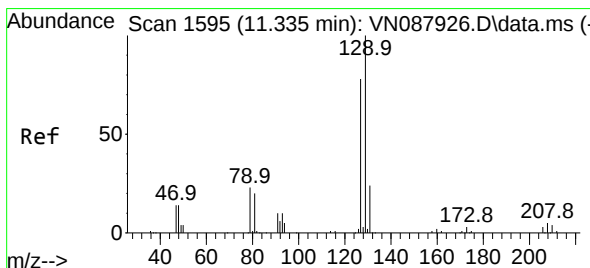
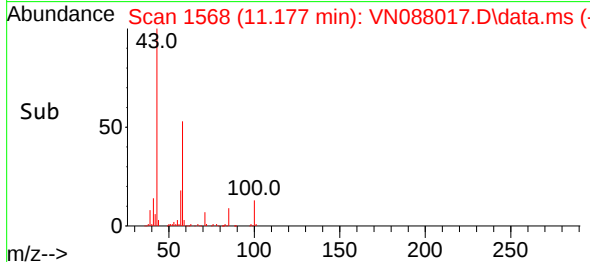
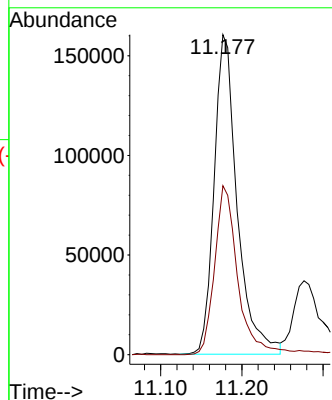
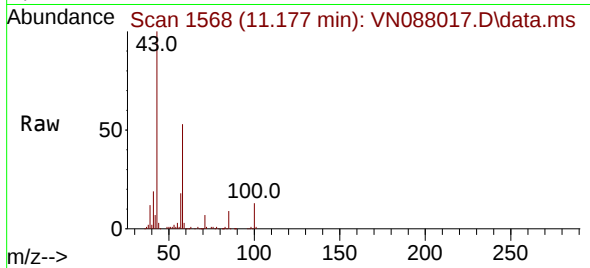




#59
2-Hexanone
Concen: 107.616 ug/l
RT: 11.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

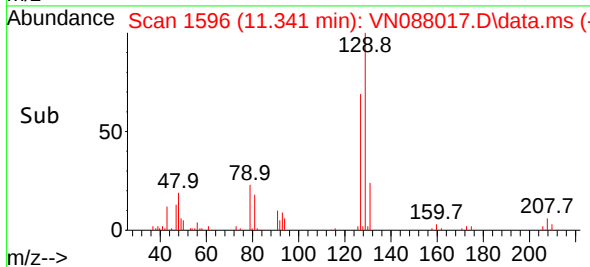
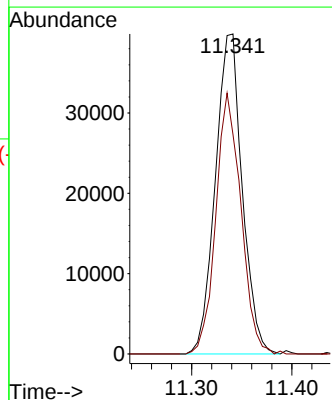
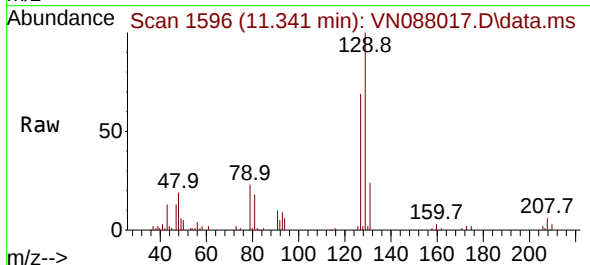
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

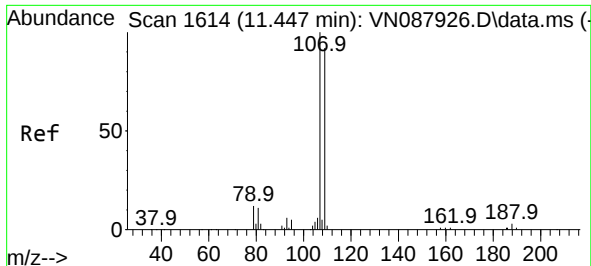
Tgt Ion: 43 Resp: 316945
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.2



#60
Dibromochloromethane
Concen: 21.656 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 129 Resp: 74284
Ion Ratio Lower Upper
129 100
127 76.0 39.3 117.9

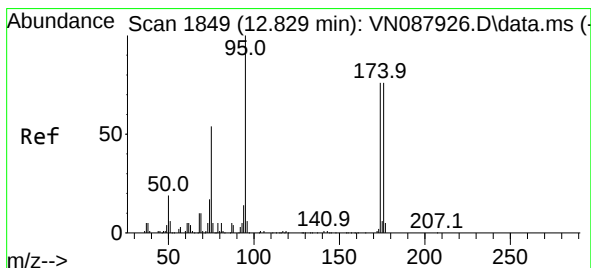
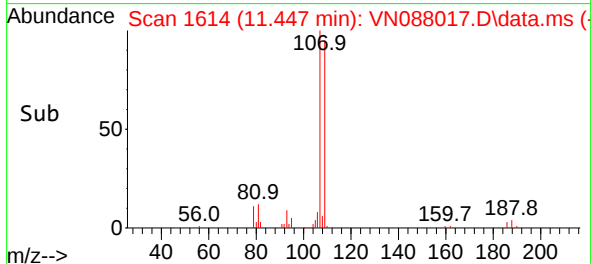
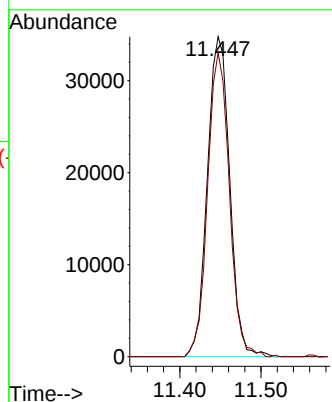
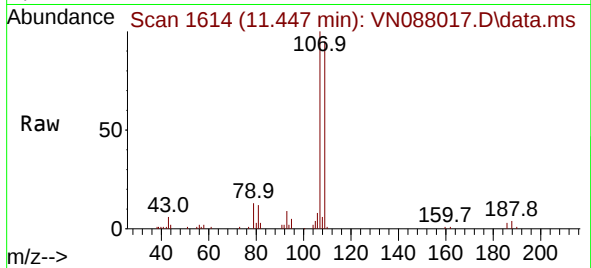




#61
1,2-Dibromoethane
Concen: 21.524 ug/l
RT: 11.447 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

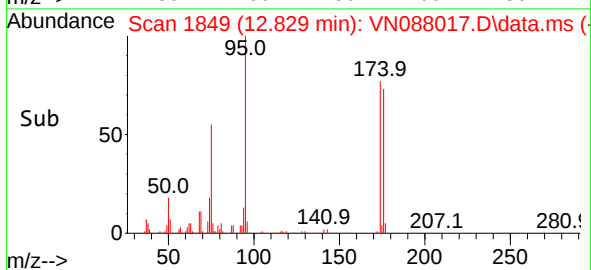
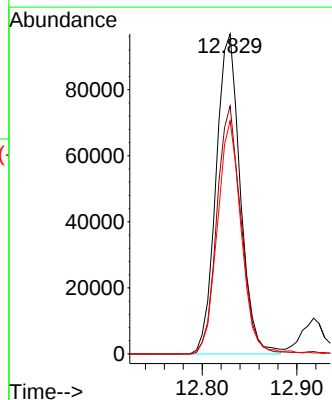
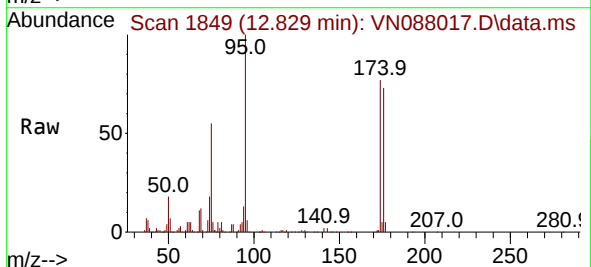
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

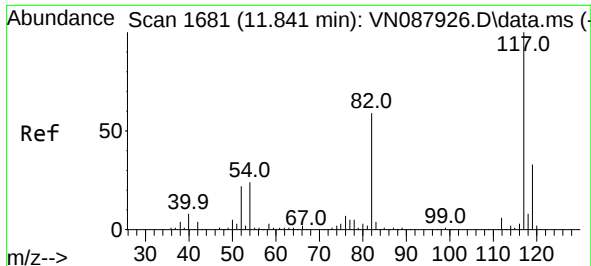
Tgt Ion:107 Resp: 66479
Ion Ratio Lower Upper
107 100
109 92.2 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 47.663 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 95 Resp: 172062
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.2
176 72.5 0.0 152.6

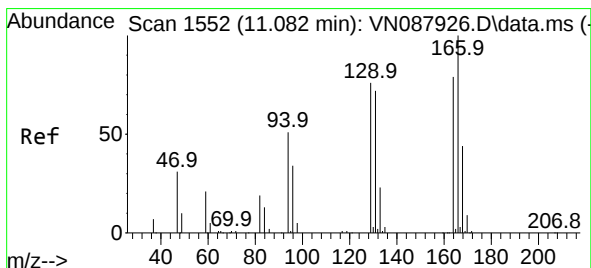
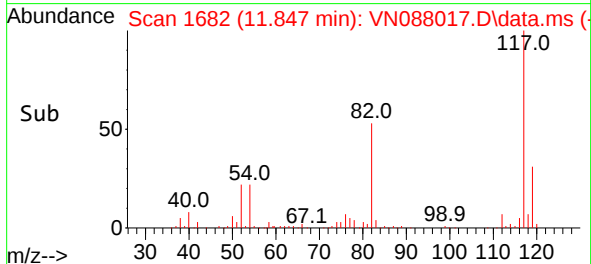
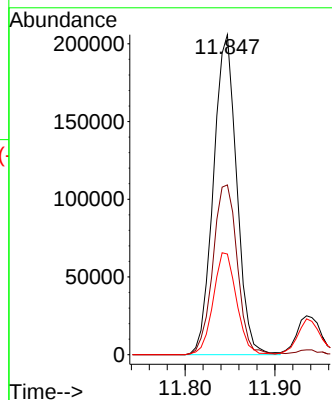
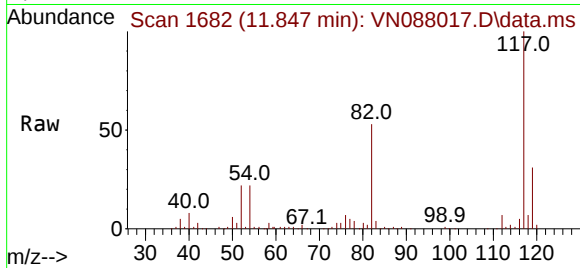




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

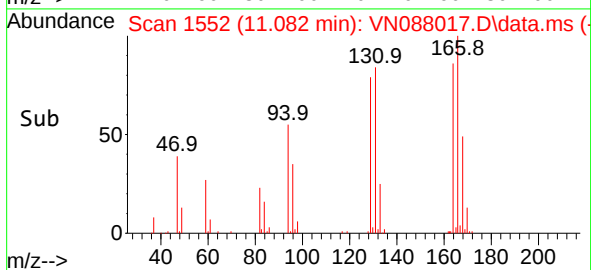
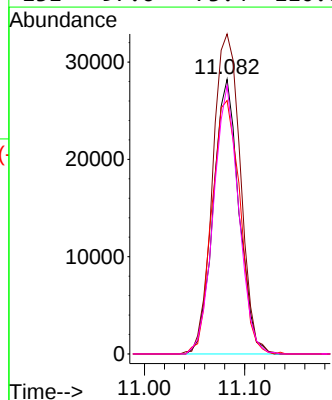
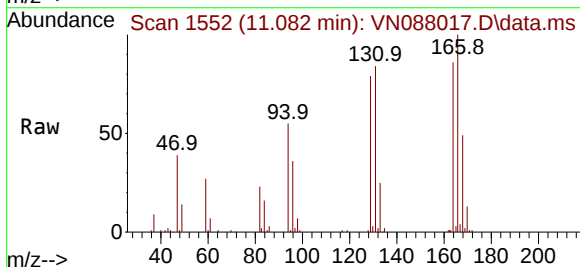
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

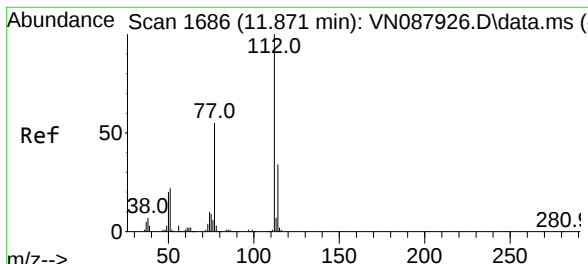
Tgt Ion:117 Resp: 370613
Ion Ratio Lower Upper
117 100
82 53.1 47.0 70.4
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 22.288 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion:164 Resp: 50316
Ion Ratio Lower Upper
164 100
166 116.5 101.6 152.4
129 92.3 77.5 116.3
131 97.6 73.4 110.0

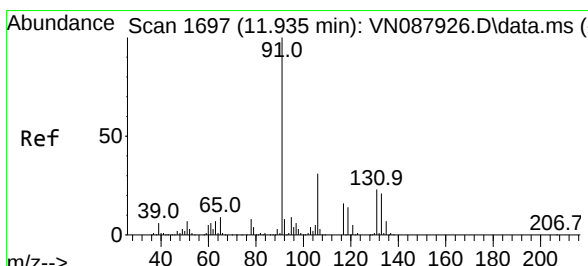
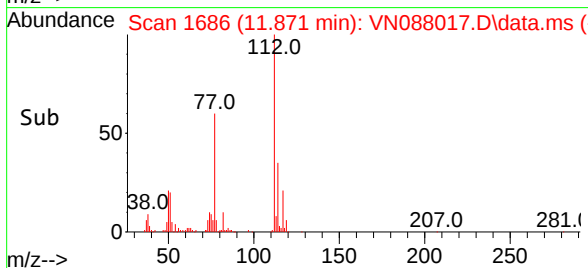
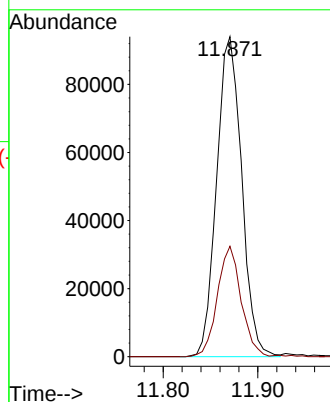
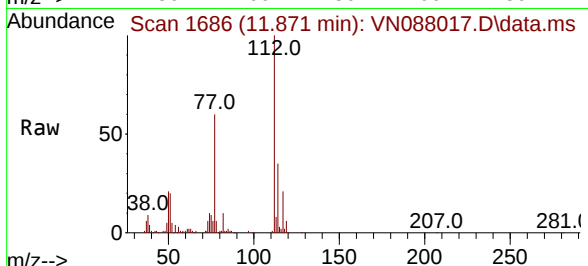




#65
Chlorobenzene
Concen: 21.913 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

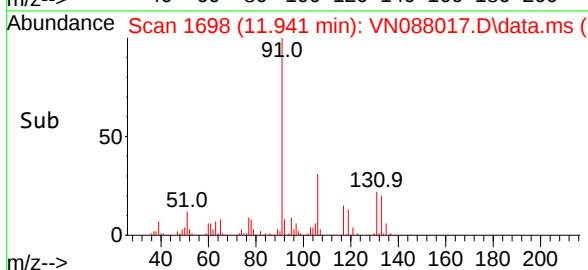
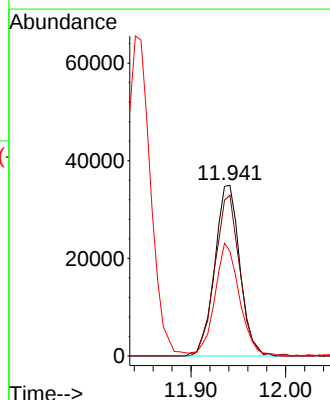
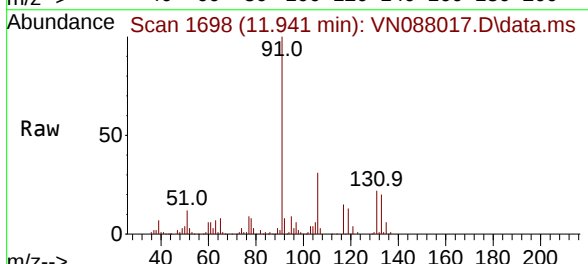
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

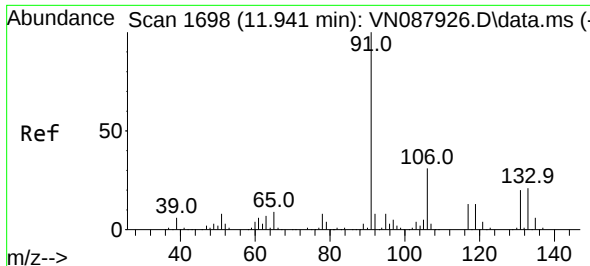
Tgt Ion:112 Resp: 172827
Ion Ratio Lower Upper
112 100
114 34.5 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.610 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion:131 Resp: 64305
Ion Ratio Lower Upper
131 100
133 93.7 48.4 145.0
119 64.7 31.9 95.5





#67

Ethyl Benzene

Concen: 21.466 ug/l

RT: 11.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

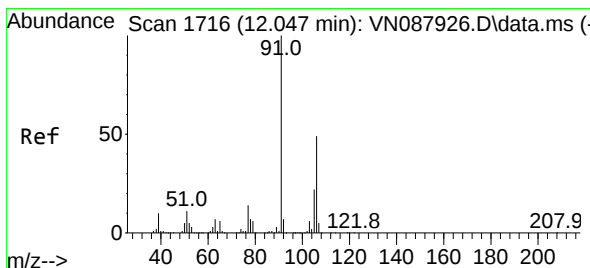
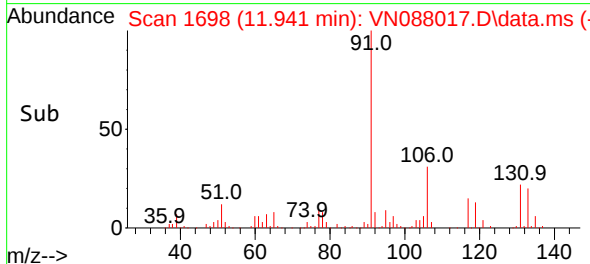
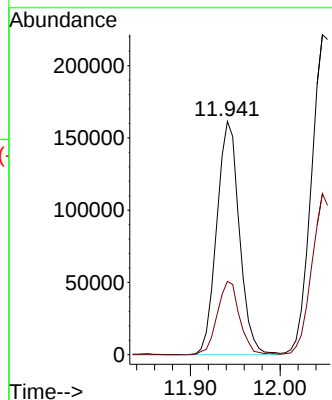
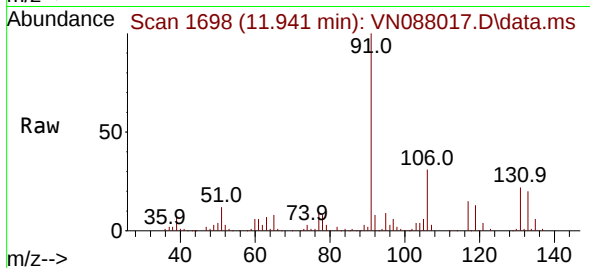
VN1003MBS01

Tgt Ion: 91 Resp: 282504

Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



#68

m/p-Xylenes

Concen: 43.539 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088017.D

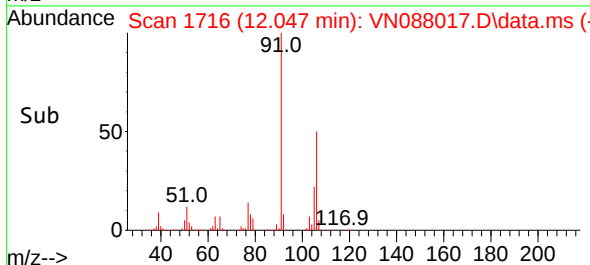
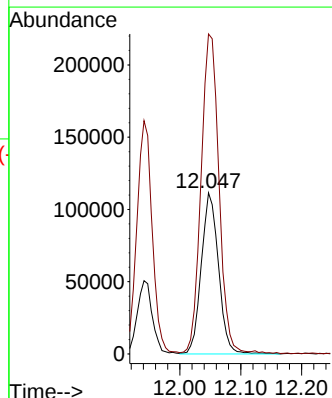
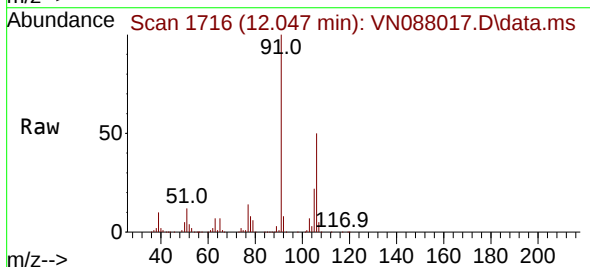
Acq: 03 Oct 2025 12:40

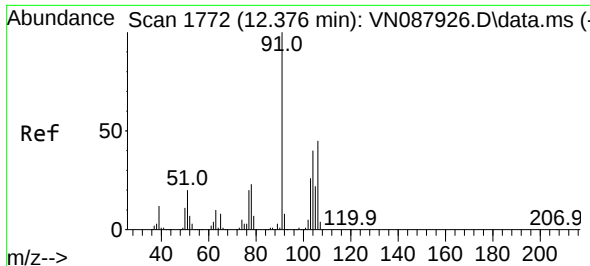
Tgt Ion: 106 Resp: 219140

Ion Ratio Lower Upper

106 100

91 203.5 162.9 244.3

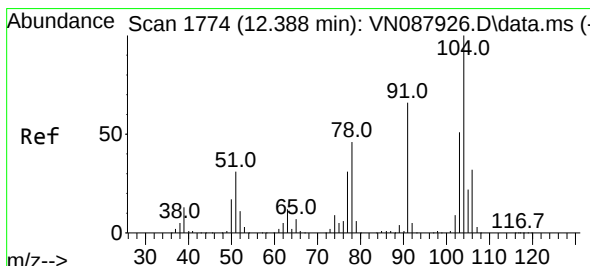
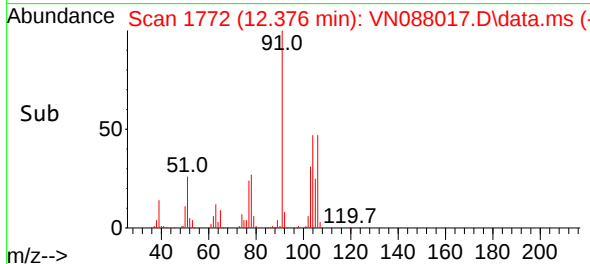
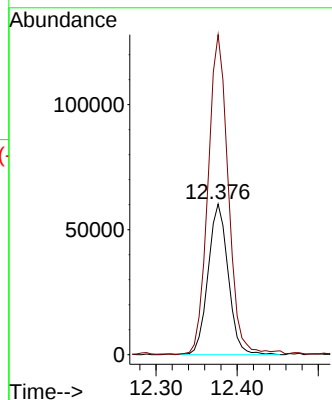
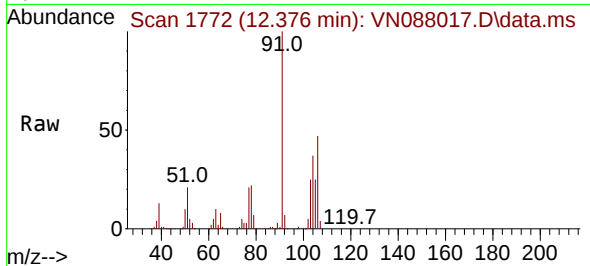




#69
o-Xylene
Concen: 21.395 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

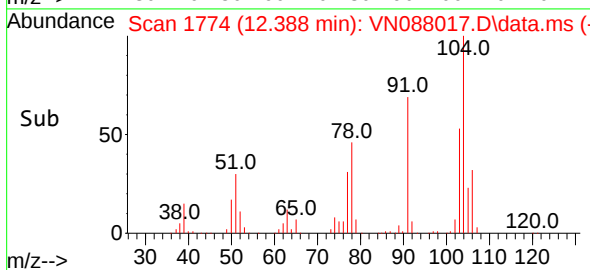
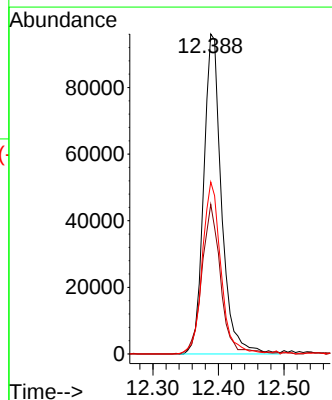
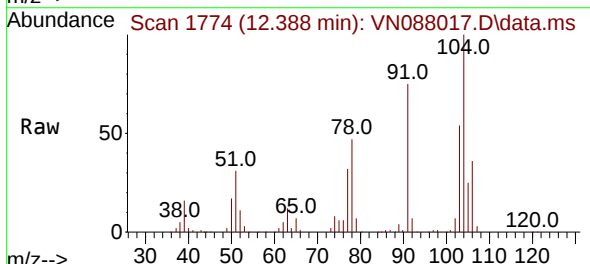
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

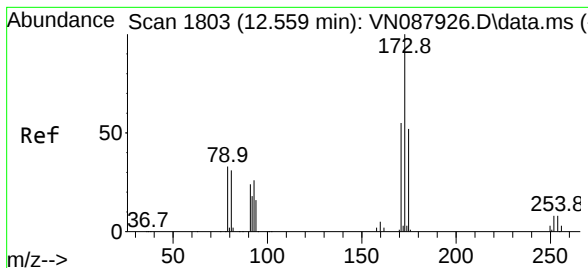
Tgt Ion:106 Resp: 103458
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6



#70
Styrene
Concen: 21.915 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion:104 Resp: 182000
Ion Ratio Lower Upper
104 100
78 48.9 39.7 59.5
103 55.9 44.6 67.0





#71

Bromoform

Concen: 20.254 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

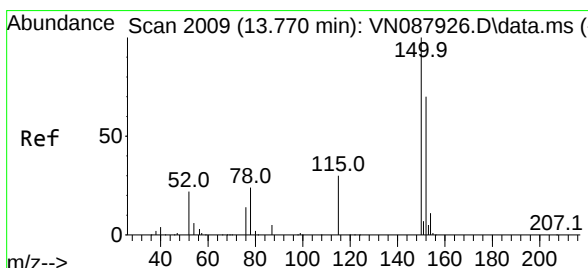
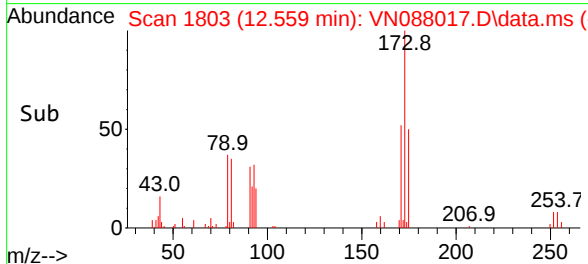
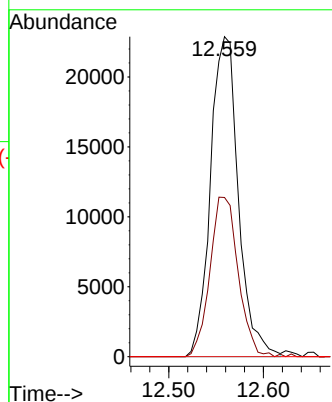
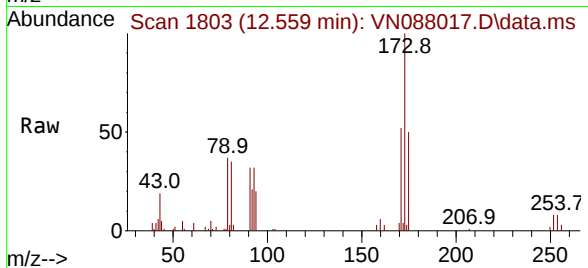
Tgt Ion:173 Resp: 46736

Ion Ratio Lower Upper

173 100

175 50.8 23.7 71.1

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. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

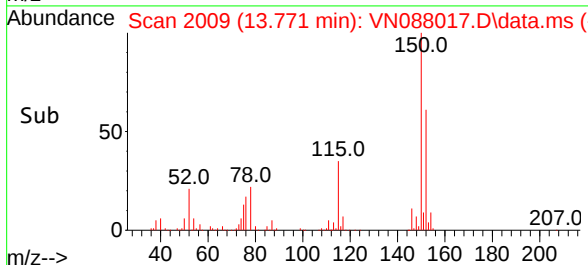
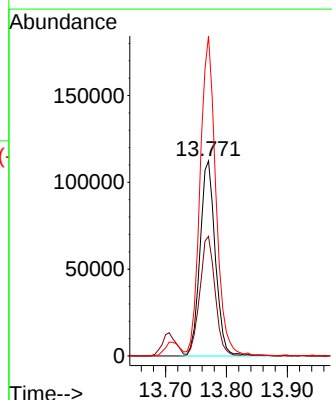
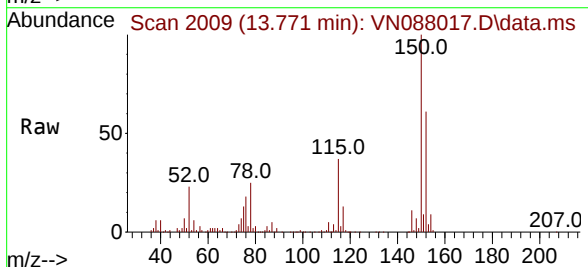
Tgt Ion:152 Resp: 195989

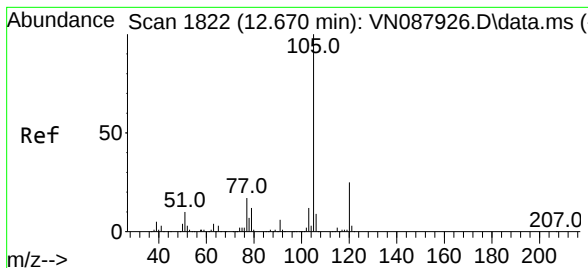
Ion Ratio Lower Upper

152 100

115 60.3 29.9 89.7

150 169.0 0.0 335.0





#73

Isopropylbenzene

Concen: 21.603 ug/l

RT: 12.671 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

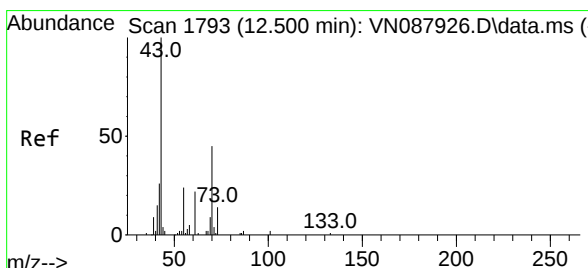
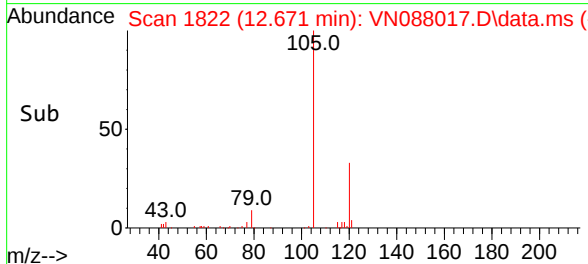
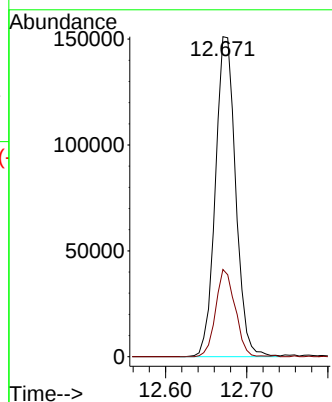
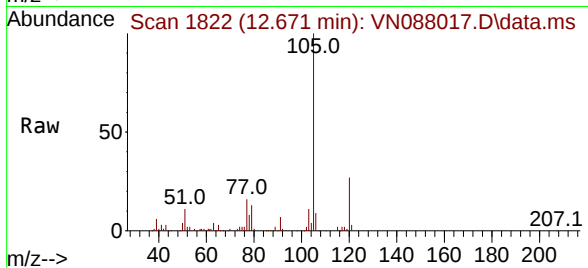
VN1003MBS01

Tgt Ion:105 Resp: 262411

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 2.003 ug/l

RT: 12.541 min Scan# 1800

Delta R.T. 0.041 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Tgt Ion: 43 Resp: 8015

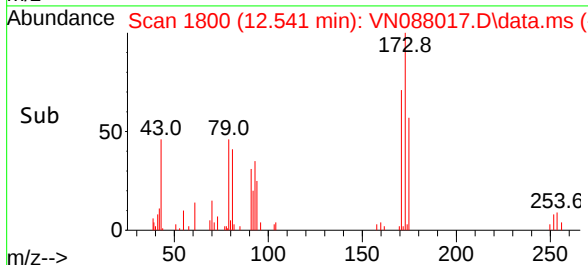
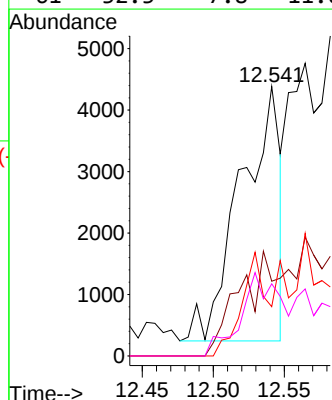
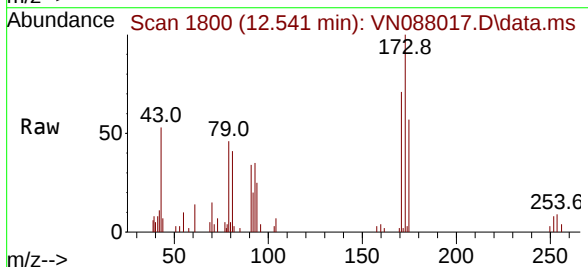
Ion Ratio Lower Upper

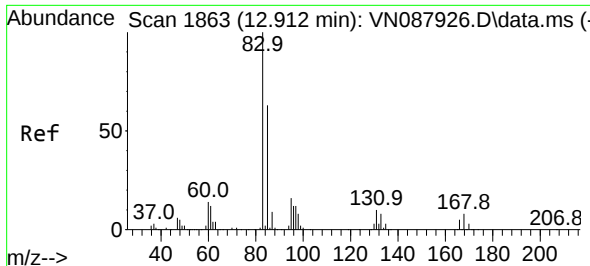
43 100

70 39.6 19.8 29.8#

55 25.4 9.6 14.4#

61 32.3 7.8 11.6#

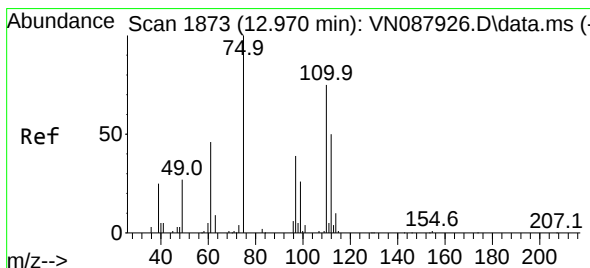
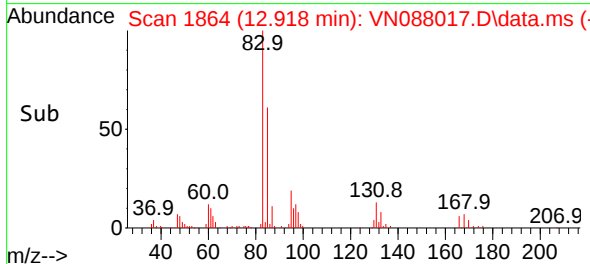
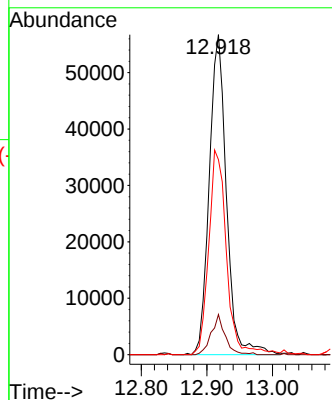
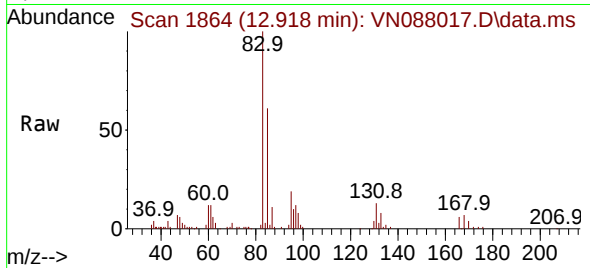




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.654 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

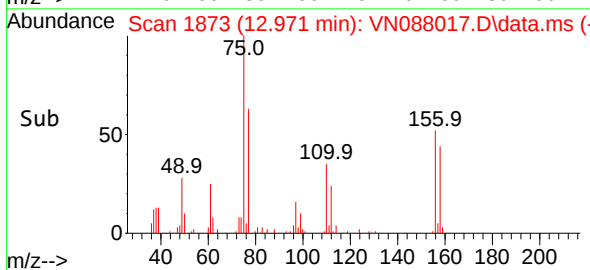
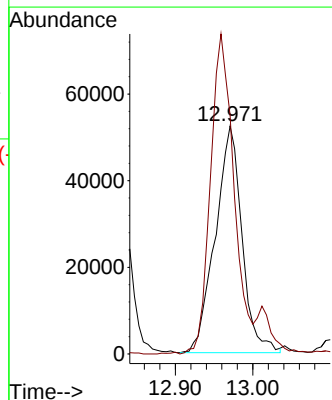
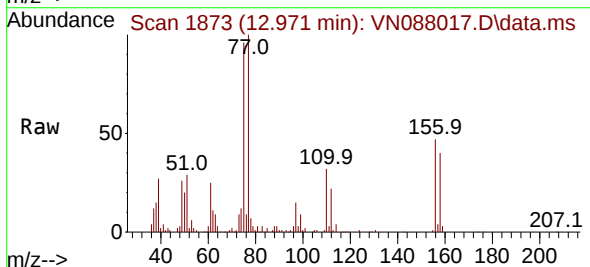
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

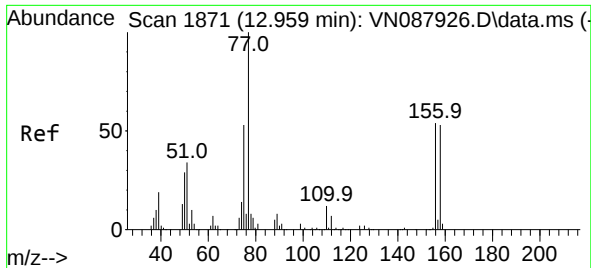
Tgt Ion: 83 Resp: 103523
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.2 15.6
 85 65.9 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 32.381 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

Tgt Ion: 75 Resp: 125101
 Ion Ratio Lower Upper
 75 100
 77 124.0 89.5 268.5

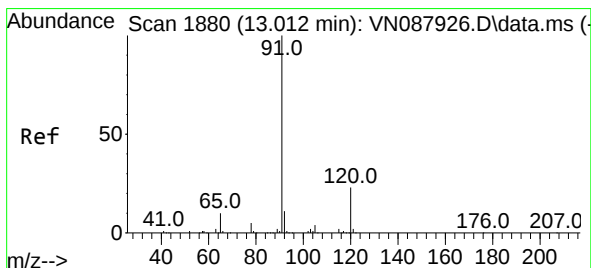
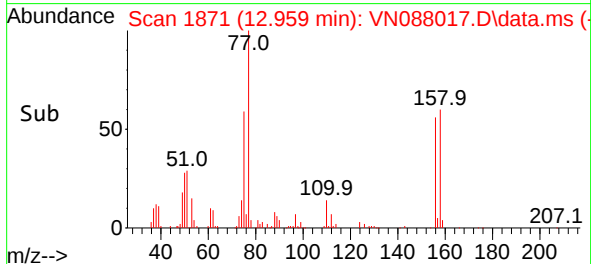
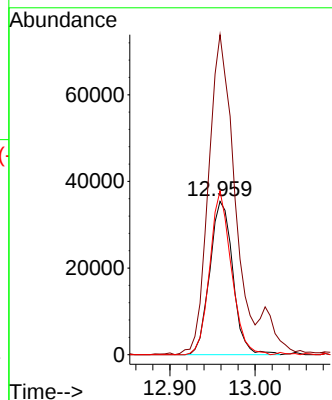
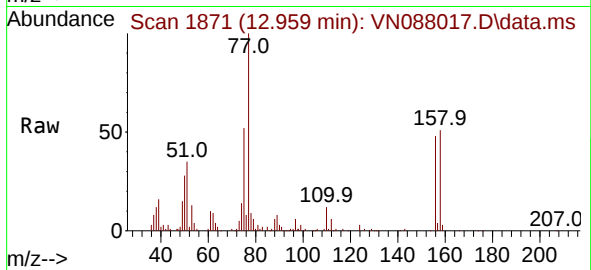




#77
Bromobenzene
Concen: 20.578 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

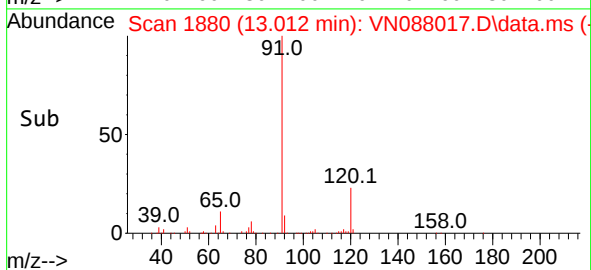
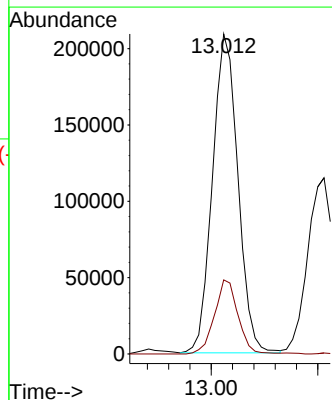
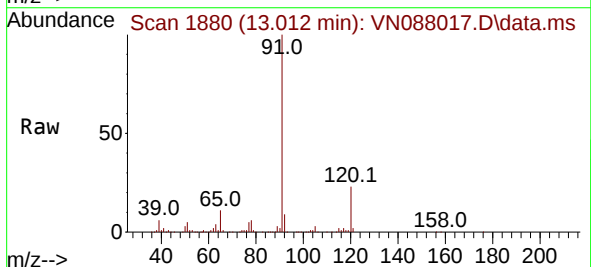
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

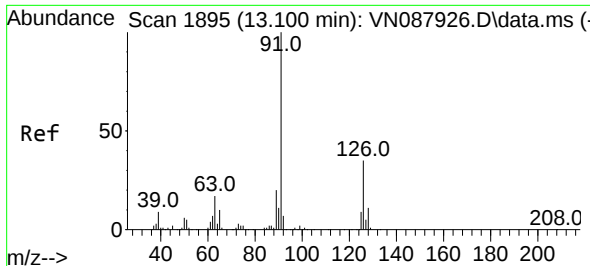
Tgt Ion:156 Resp: 66505
Ion Ratio Lower Upper
156 100
77 233.3 108.2 324.6
158 100.2 49.6 149.0



#78
n-propylbenzene
Concen: 22.807 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 91 Resp: 346362
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.1

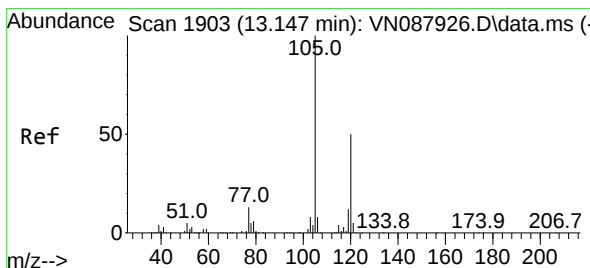
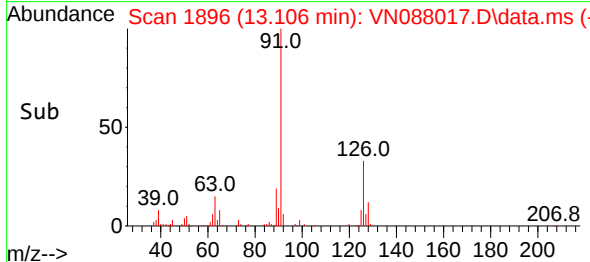
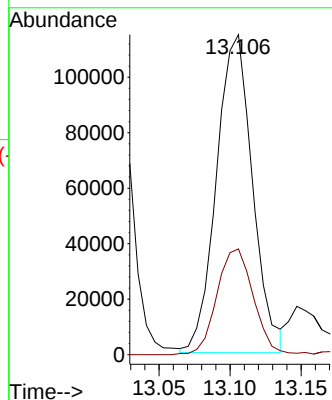
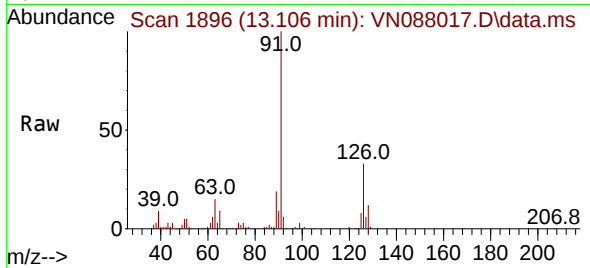




#79
2-Chlorotoluene
Concen: 21.898 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

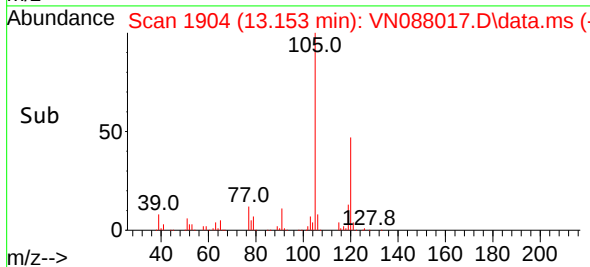
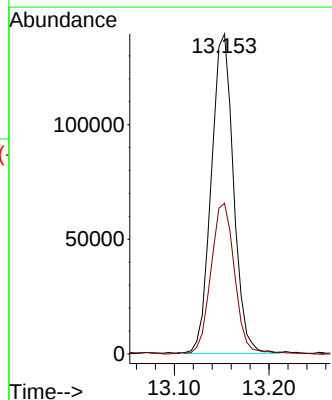
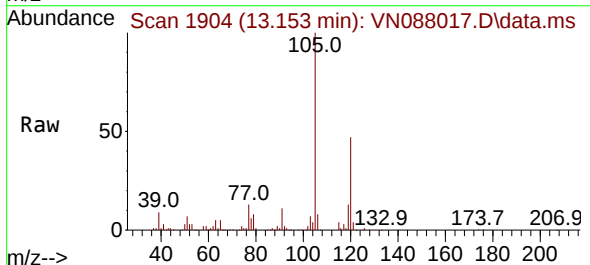
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

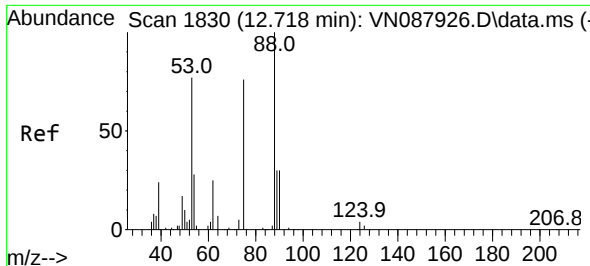
Tgt Ion: 91 Resp: 202489
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 21.664 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 105 Resp: 227617
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1

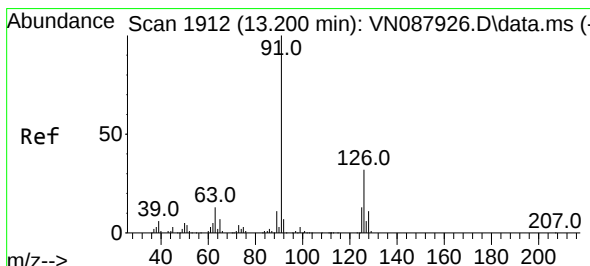
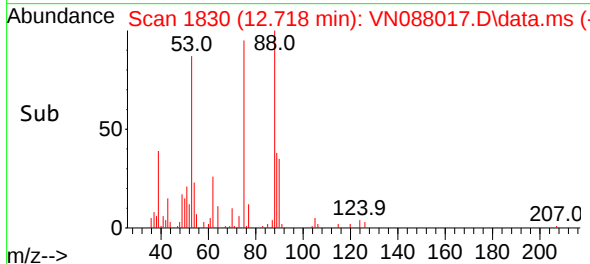
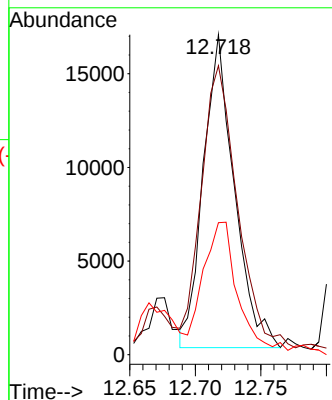
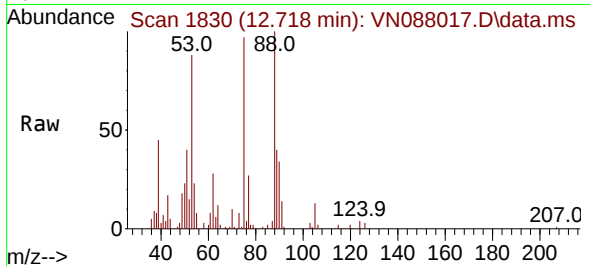




#81
trans-1,4-Dichloro-2-butene
Concen: 19.726 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

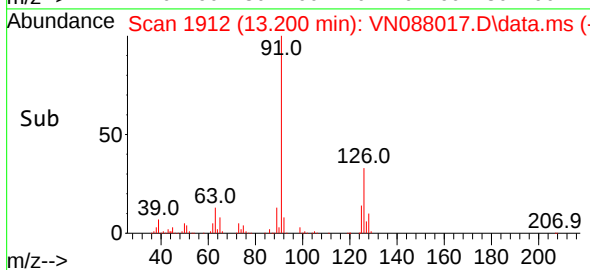
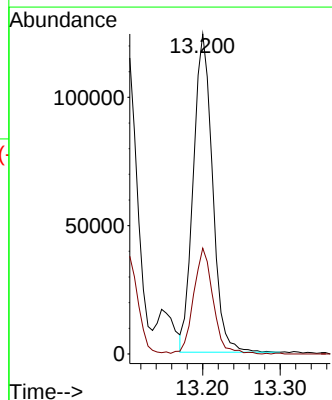
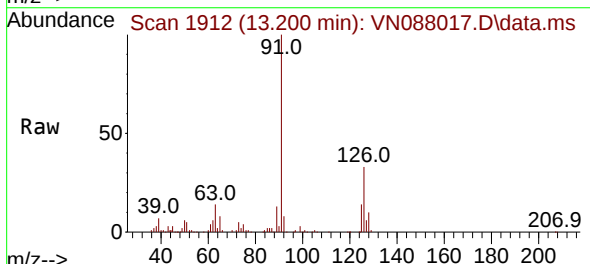
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

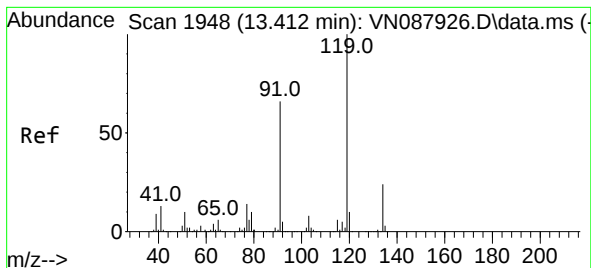
Tgt Ion: 75 Resp: 27444
Ion Ratio Lower Upper
75 100
53 106.8 82.0 123.0
89 45.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 22.855 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 91 Resp: 212955
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6





#83

tert-Butylbenzene

Concen: 22.153 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

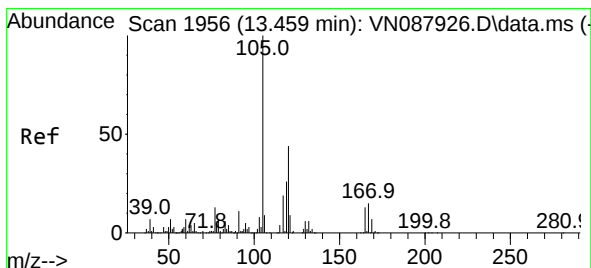
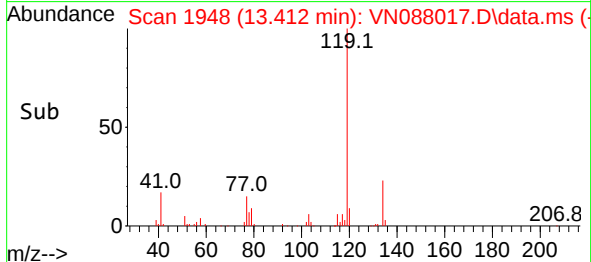
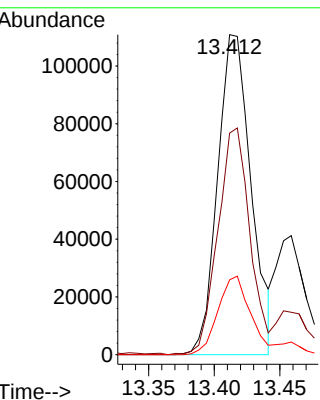
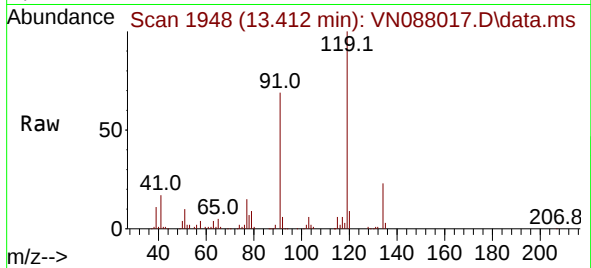
Tgt Ion:119 Resp: 197006

Ion Ratio Lower Upper

119 100

91 67.8 32.1 96.3

134 24.2 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 21.696 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088017.D

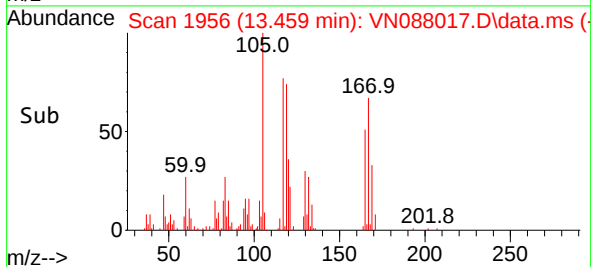
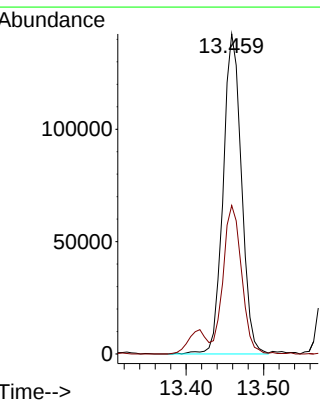
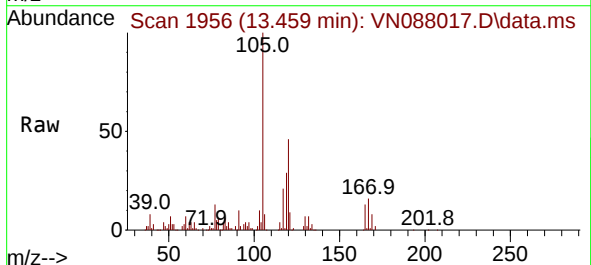
Acq: 03 Oct 2025 12:40

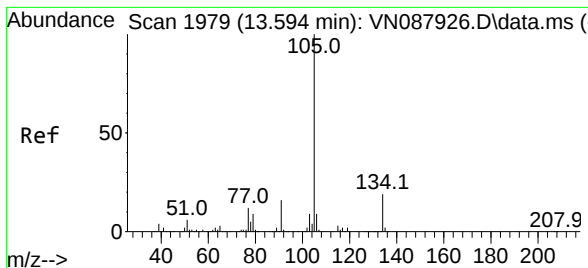
Tgt Ion:105 Resp: 233814

Ion Ratio Lower Upper

105 100

120 46.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 22.521 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

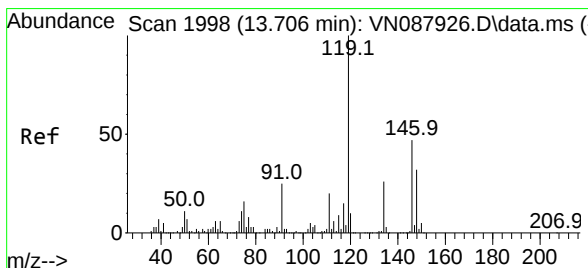
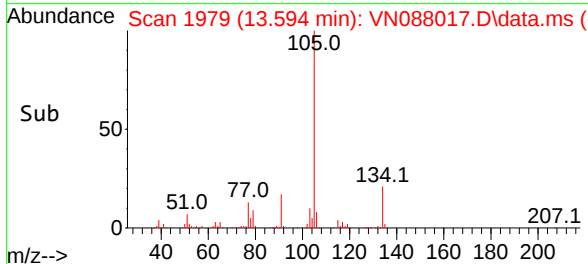
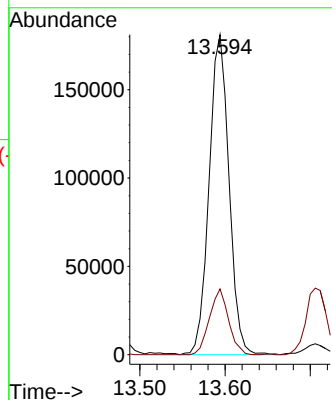
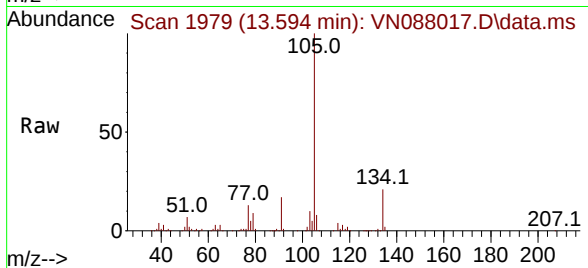
VN1003MBS01

Tgt Ion:105 Resp: 293645

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 21.958 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

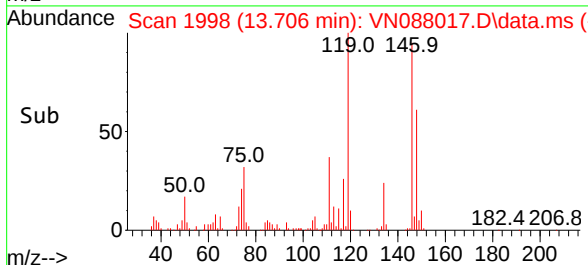
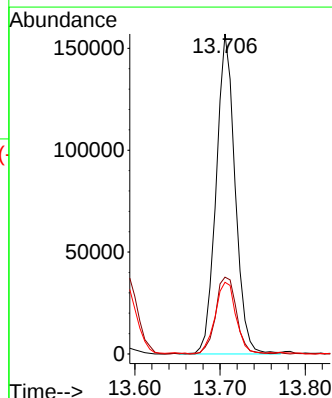
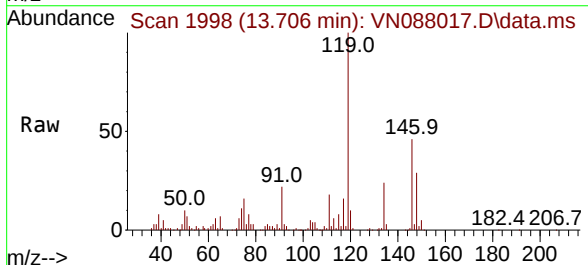
Tgt Ion:119 Resp: 242487

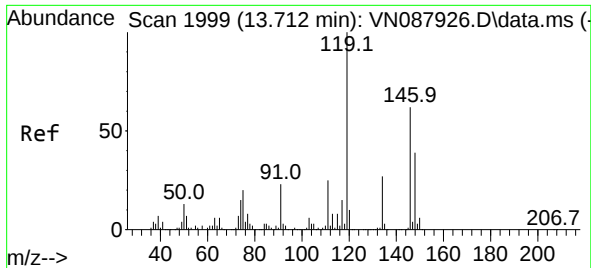
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.8 11.9 35.5

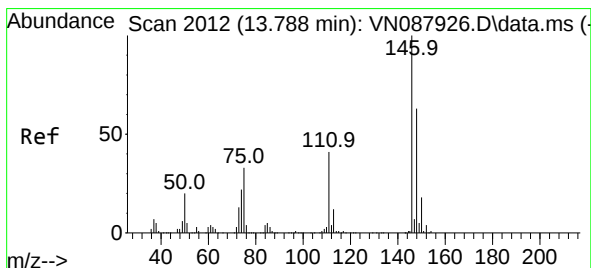
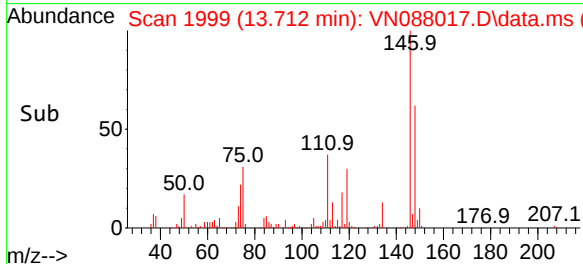
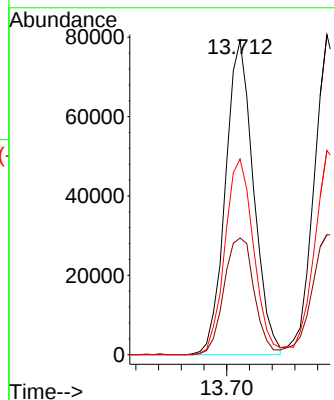
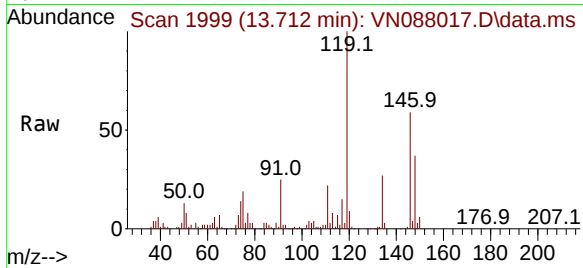




#87
 1,3-Dichlorobenzene
 Concen: 21.543 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

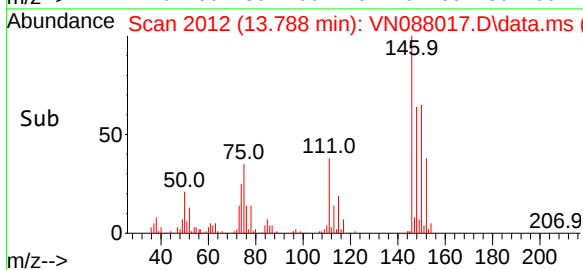
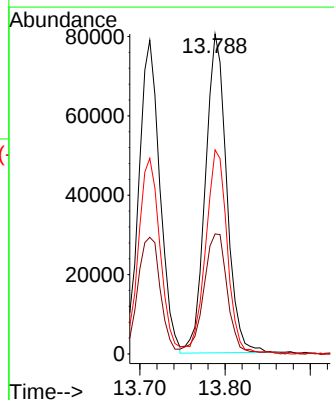
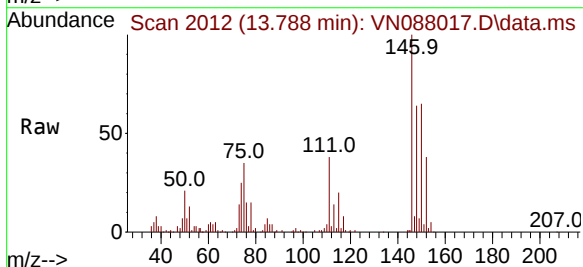
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

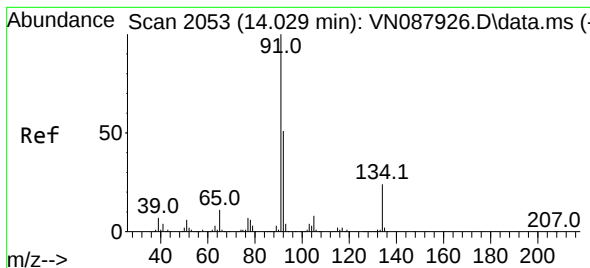
Tgt Ion:146 Resp: 135865
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.8
 148 63.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 21.564 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088017.D
 Acq: 03 Oct 2025 12:40

Tgt Ion:146 Resp: 139769
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.5 61.5
 148 65.2 32.8 98.4





#89

n-Butylbenzene

Concen: 22.127 ug/l

RT: 14.035 min Scan# 2100

Delta R.T. 0.006 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

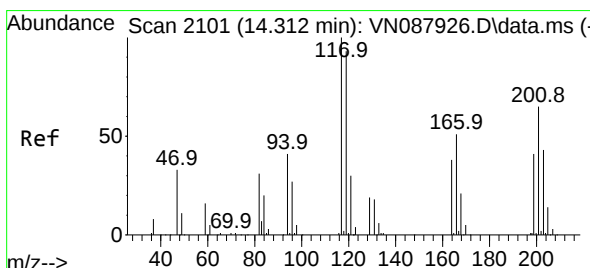
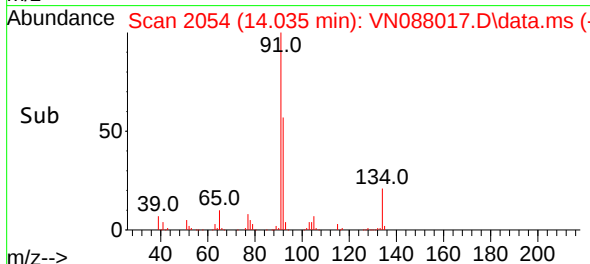
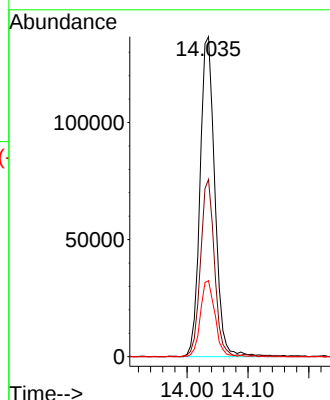
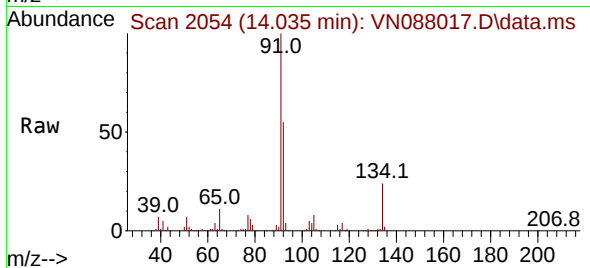
Tgt Ion: 91 Resp: 230918

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

134 23.6 12.6 37.8



#90

Hexachloroethane

Concen: 21.908 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088017.D

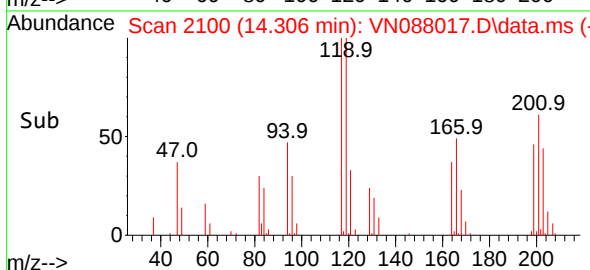
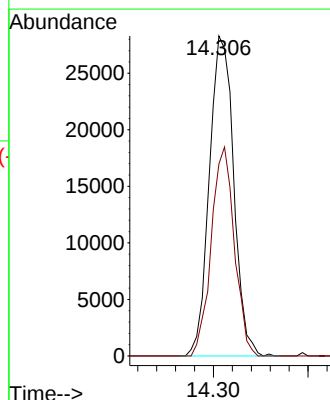
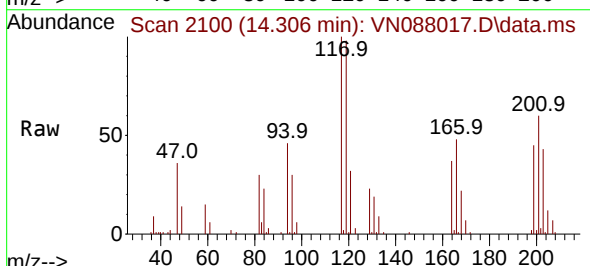
Acq: 03 Oct 2025 12:40

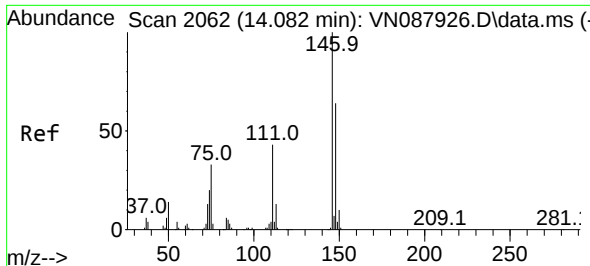
Tgt Ion: 117 Resp: 50535

Ion Ratio Lower Upper

117 100

201 62.0 33.6 100.6

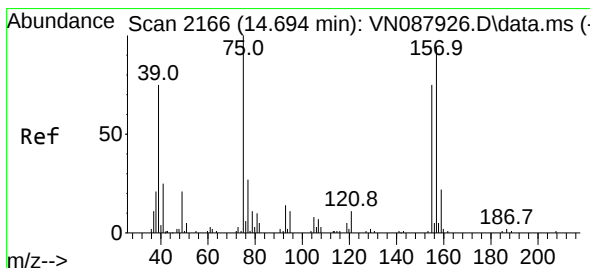
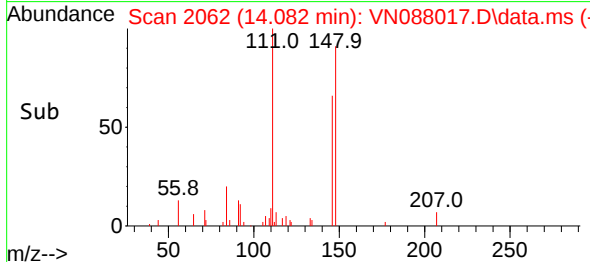
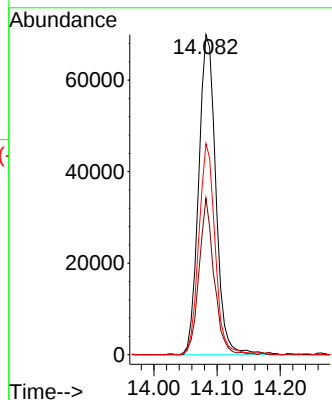
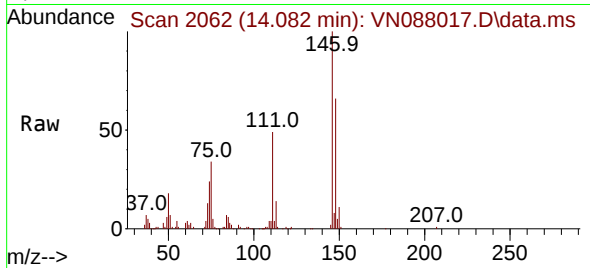




#91
1,2-Dichlorobenzene
Concen: 21.768 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

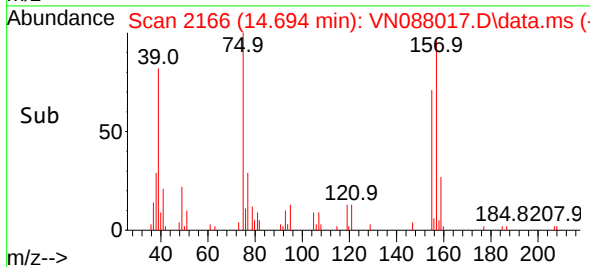
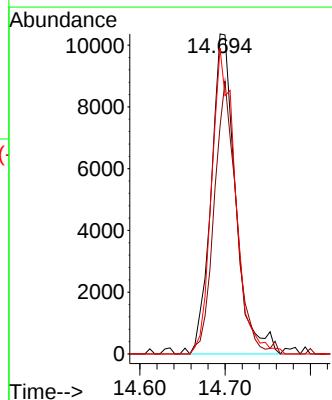
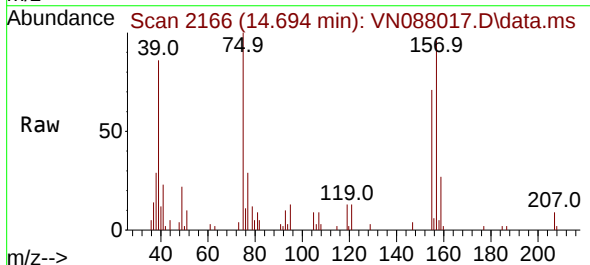
Instrument :
MSVOA_N
ClientSampleId :
VN1003MBS01

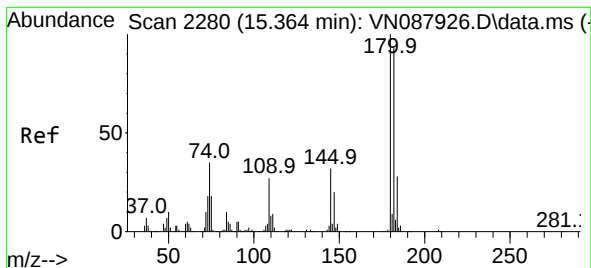
Tgt Ion:146 Resp: 132332
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.7
148 62.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.230 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088017.D
Acq: 03 Oct 2025 12:40

Tgt Ion: 75 Resp: 20572
Ion Ratio Lower Upper
75 100
155 77.5 40.2 120.6
157 93.1 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 20.479 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

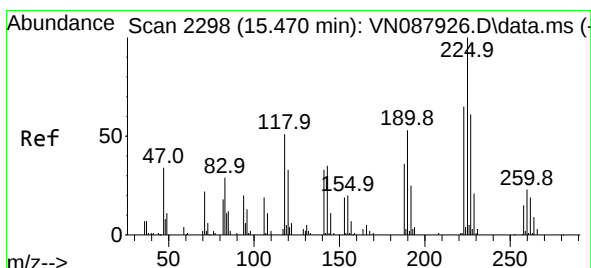
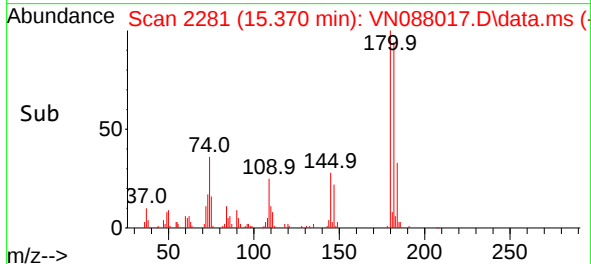
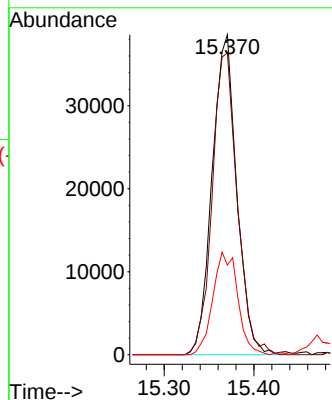
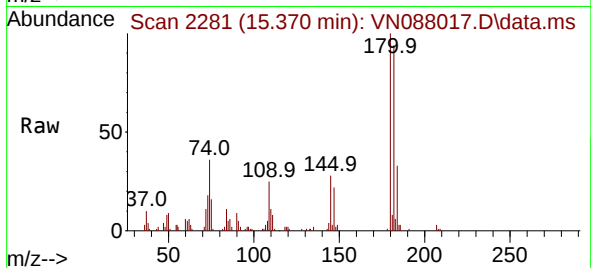
Tgt Ion:180 Resp: 73508

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.5

145 32.3 15.9 47.6



#94

Hexachlorobutadiene

Concen: 21.946 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

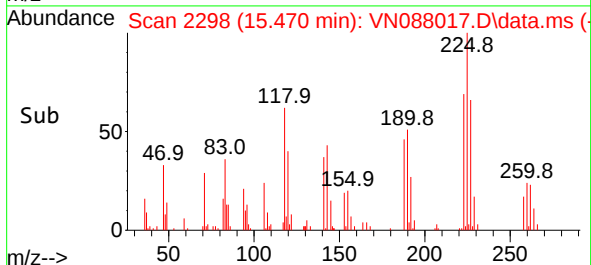
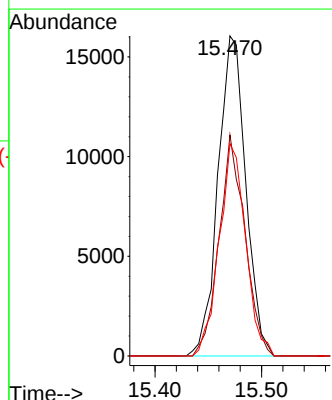
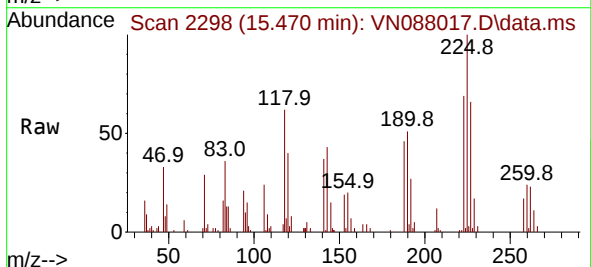
Tgt Ion:225 Resp: 28993

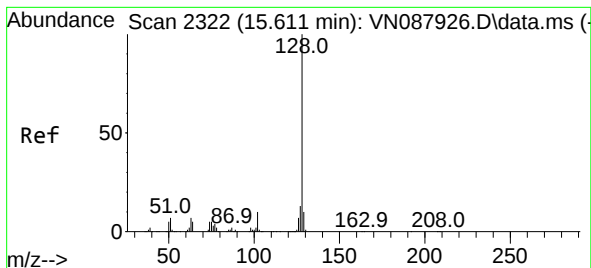
Ion Ratio Lower Upper

225 100

223 64.4 31.8 95.4

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 20.436 ug/l

RT: 15.612 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBS01

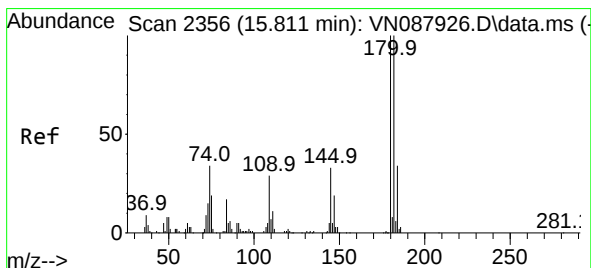
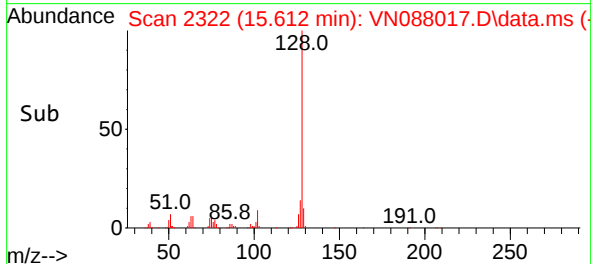
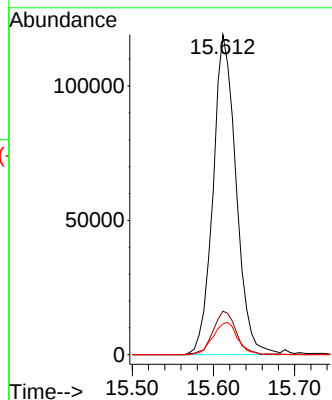
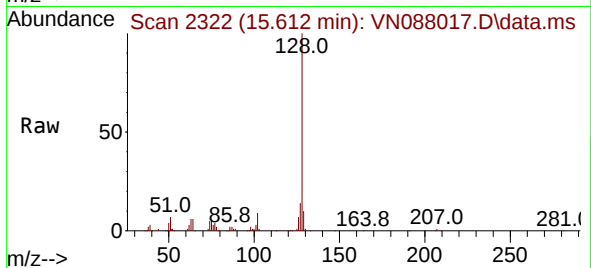
Tgt Ion:128 Resp: 235462

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.517 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088017.D

Acq: 03 Oct 2025 12:40

Tgt Ion:180 Resp: 71593

Ion Ratio Lower Upper

180 100

182 97.2 47.3 142.0

145 34.1 16.1 48.3

