

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087051.D
 Acq On : 17 Jun 2025 11:59
 Operator : JC\MD
 Sample : VN0617WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Quant Time: Jun 18 01:44:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	157438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	102637	48.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.380%
35) Dibromofluoromethane	8.177	113	87035	52.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.320%
50) Toluene-d8	10.565	98	330063	49.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.847	95	127024	51.754	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	31857	20.294	ug/l	99
3) Chloromethane	2.401	50	35820	17.671	ug/l	96
4) Vinyl Chloride	2.554	62	44895	21.470	ug/l	99
5) Bromomethane	3.001	94	23461	20.050	ug/l	89
6) Chloroethane	3.159	64	29185	21.608	ug/l	99
7) Trichlorofluoromethane	3.530	101	57670	21.109	ug/l	96
8) Diethyl Ether	3.989	74	25284	21.241	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.400	101	35697	20.797	ug/l	98
10) Methyl Iodide	4.612	142	21949	9.865	ug/l	97
11) Tert butyl alcohol	5.536	59	51022	89.205	ug/l	98
12) 1,1-Dichloroethene	4.371	96	38036	21.706	ug/l	90
13) Acrolein	4.200	56	28602	157.981	ug/l	100
14) Allyl chloride	5.053	41	53962	18.568	ug/l	96
15) Acrylonitrile	5.736	53	127531	95.394	ug/l	99
16) Acetone	4.448	43	99313	88.843	ug/l	100
17) Carbon Disulfide	4.742	76	107330	22.143	ug/l	97
18) Methyl Acetate	5.047	43	52657	16.164	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	125530	19.785	ug/l	97
20) Methylene Chloride	5.300	84	41757	19.953	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	40883	20.970	ug/l	93
22) Diisopropyl ether	6.683	45	117172	19.127	ug/l	98
23) Vinyl Acetate	6.618	43	515374	99.575	ug/l	98
24) 1,1-Dichloroethane	6.589	63	72122	20.458	ug/l	98
25) 2-Butanone	7.494	43	160313	88.228	ug/l	99
26) 2,2-Dichloropropane	7.500	77	61973	22.599	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	48236	20.688	ug/l	98
28) Bromochloromethane	7.824	49	30593	17.650	ug/l	89
29) Tetrahydrofuran	7.847	42	108501	91.665	ug/l	94
30) Chloroform	7.971	83	70607	20.055	ug/l	99
31) Cyclohexane	8.265	56	63824	18.668	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	60917	20.344	ug/l	93
36) 1,1-Dichloropropene	8.383	75	52690	21.189	ug/l	98
37) Ethyl Acetate	7.571	43	64952	20.519	ug/l	99
38) Carbon Tetrachloride	8.371	117	50957	20.873	ug/l	95
39) Methylcyclohexane	9.600	83	58485	17.167	ug/l	97
40) Benzene	8.612	78	169691	20.869	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33778	19.000	ug/l	95
42) 1,2-Dichloroethane	8.677	62	51707	20.965	ug/l	100
43) Isopropyl Acetate	8.694	43	94051	18.512	ug/l	96
44) Trichloroethene	9.353	130	41200	21.368	ug/l	98
45) 1,2-Dichloropropane	9.624	63	41010	20.731	ug/l	99
46) Dibromomethane	9.712	93	28519	21.704	ug/l	95
47) Bromodichloromethane	9.888	83	56790	21.006	ug/l	98
48) Methyl methacrylate	9.682	41	44182	18.894	ug/l	97
49) 1,4-Dioxane	9.706	88	16851	396.113	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	284888	93.145	ug/l	97
52) Toluene	10.629	92	106583	21.448	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63945	21.153	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	67853	20.978	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	40974	21.429	ug/l	97
56) Ethyl methacrylate	10.882	69	61756	20.278	ug/l	93
57) 1,3-Dichloropropane	11.165	76	70252	21.180	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	167427	92.171	ug/l	98
59) 2-Hexanone	11.206	43	168311	85.432	ug/l	93
60) Dibromochloromethane	11.359	129	42009	21.087	ug/l	99
61) 1,2-Dibromoethane	11.471	107	41422	21.135	ug/l	97
64) Tetrachloroethene	11.106	164	32201	20.459	ug/l	95
65) Chlorobenzene	11.888	112	117016	21.333	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38683	21.939	ug/l	98
67) Ethyl Benzene	11.965	91	191185	20.235	ug/l	99
68) m/p-Xylenes	12.071	106	153323	42.393	ug/l	98
69) o-Xylene	12.400	106	74694	21.564	ug/l	97
70) Styrene	12.412	104	129584	21.862	ug/l	98
71) Bromoform	12.576	173	28209	21.592	ug/l #	95
73) Isopropylbenzene	12.694	105	183037	20.505	ug/l	99
74) N-amyl acetate	12.547	43	26127	8.376	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	64970	21.484	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	85752	29.442	ug/l	70
77) Bromobenzene	12.982	156	45556	22.254	ug/l	95
78) n-propylbenzene	13.035	91	211448	19.492	ug/l	96
79) 2-Chlorotoluene	13.123	91	130050	19.991	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	146312	19.853	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22976	18.159	ug/l #	91
82) 4-Chlorotoluene	13.218	91	130303	19.795	ug/l	96
83) tert-Butylbenzene	13.435	119	124546	18.462	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150274	20.334	ug/l	100
85) sec-Butylbenzene	13.612	105	175237	17.887	ug/l	97
86) p-Isopropyltoluene	13.729	119	152581	18.841	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	85450	21.216	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	85795	20.893	ug/l	98
89) n-Butylbenzene	14.053	91	126981	16.188	ug/l	95
90) Hexachloroethane	14.335	117	24929	18.160	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	83067	21.467	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14110	19.510	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	44436	17.983	ug/l	95
94) Hexachlorobutadiene	15.500	225	12332	13.396	ug/l	96
95) Naphthalene	15.635	128	237029	25.772	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.835	180	42260	17.214	ug/l	96

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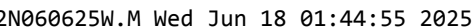
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

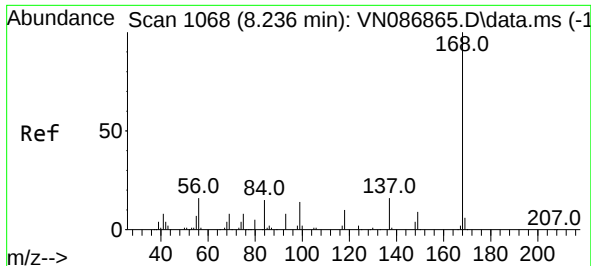
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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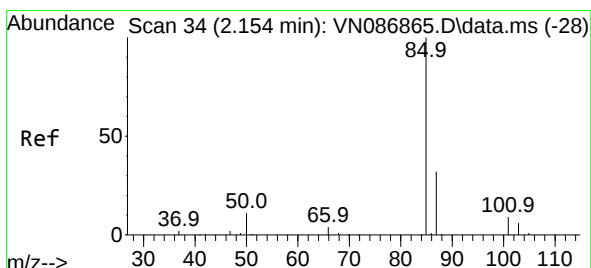
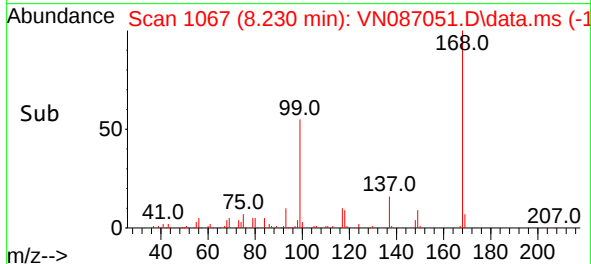
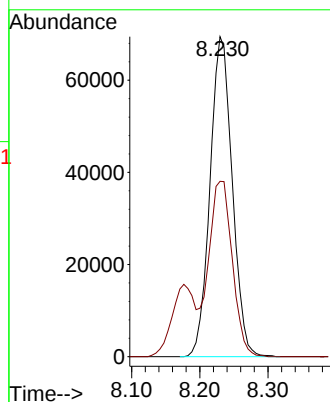
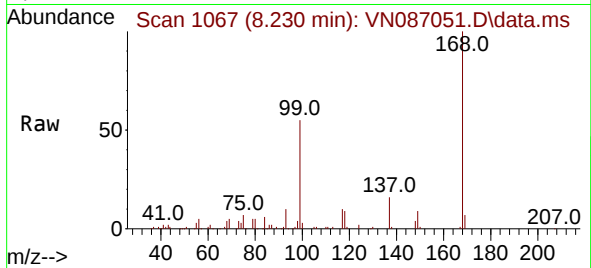




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
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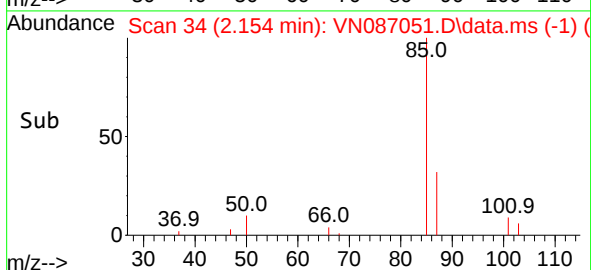
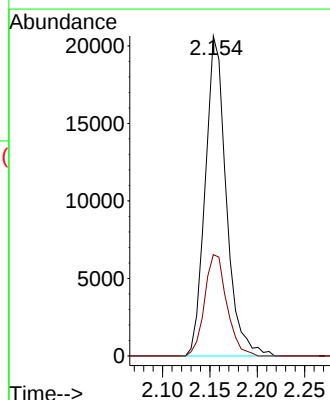
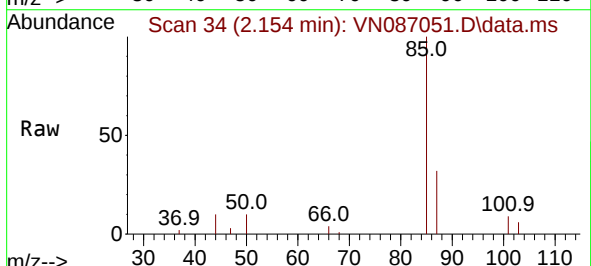
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion:168 Resp: 157438
Ion Ratio Lower Upper
168 100
99 54.8 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 20.294 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 85 Resp: 31857
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6

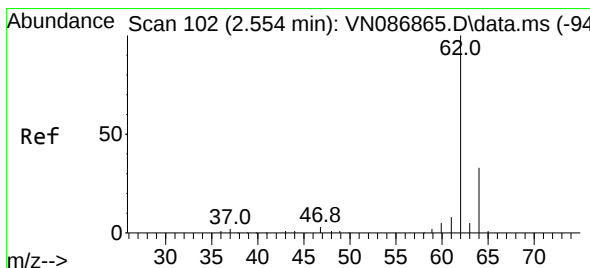
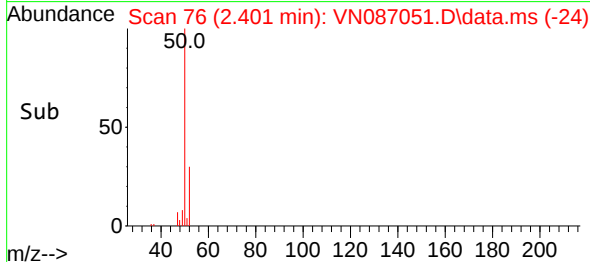
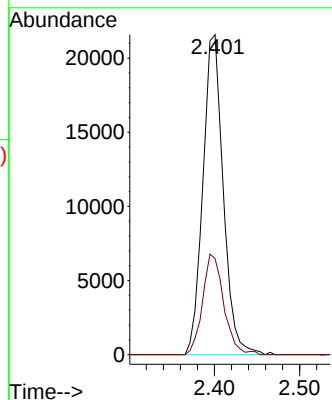
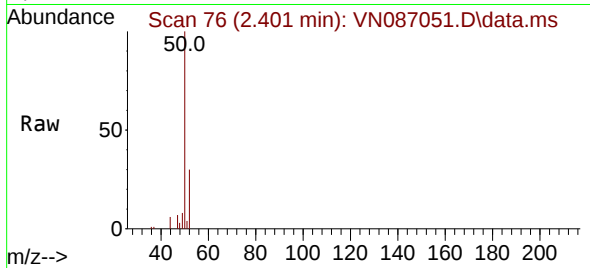




#3
Chloromethane
Concen: 17.671 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

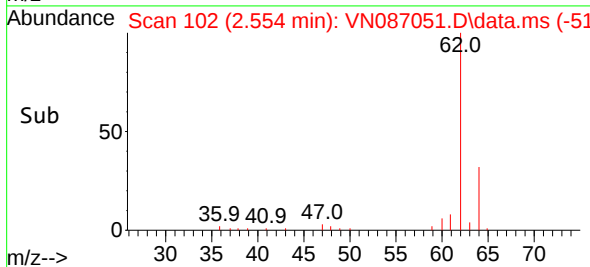
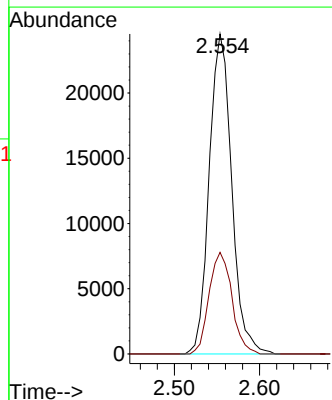
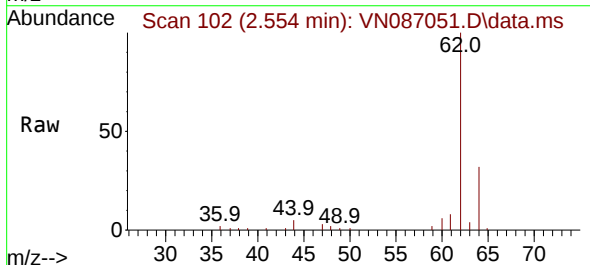
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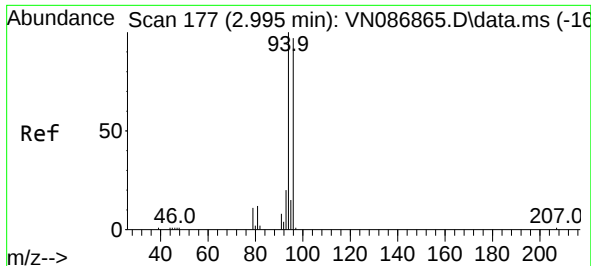
Tgt Ion: 50 Resp: 35820
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5



#4
Vinyl Chloride
Concen: 21.470 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 62 Resp: 44895
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

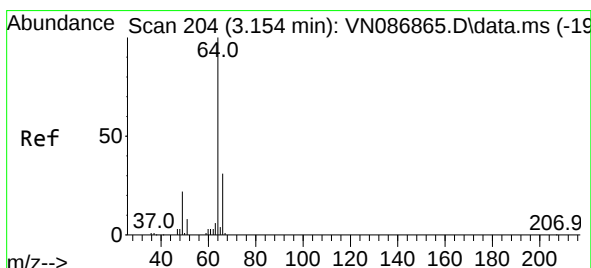
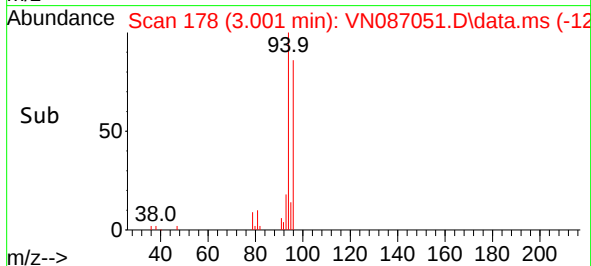
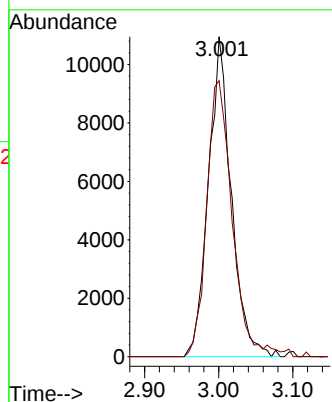
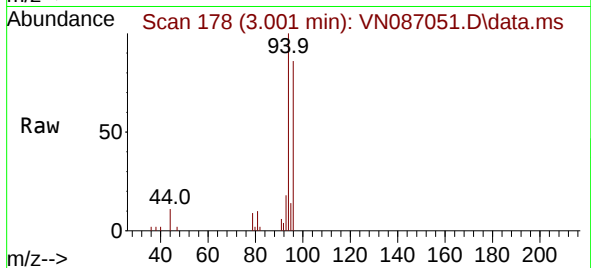




#5
Bromomethane
Concen: 20.050 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

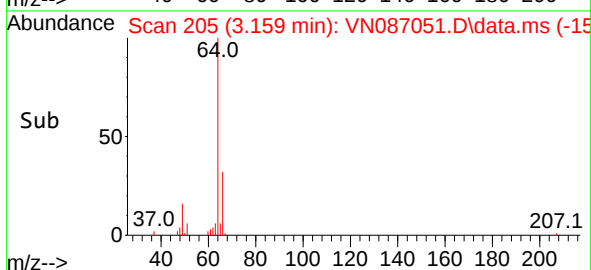
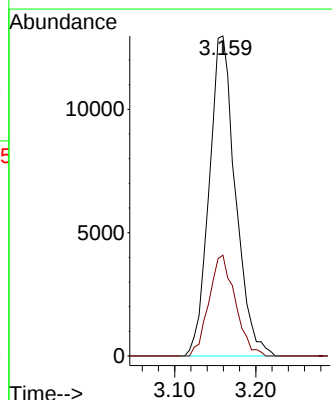
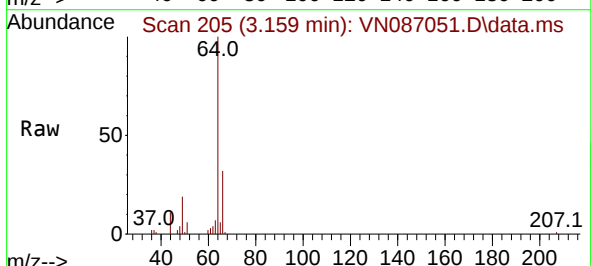
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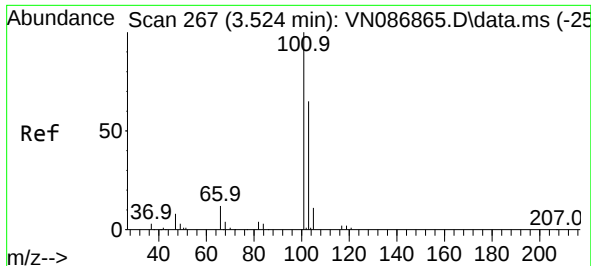
Tgt Ion: 94 Resp: 23461
Ion Ratio Lower Upper
94 100
96 86.2 77.9 116.9



#6
Chloroethane
Concen: 21.608 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 64 Resp: 29185
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8

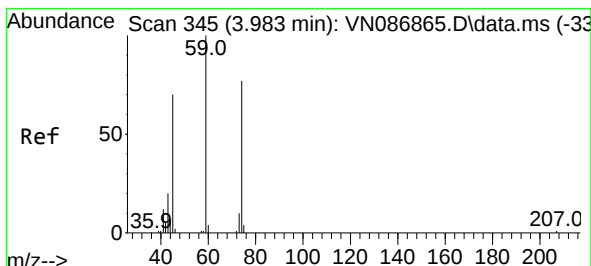
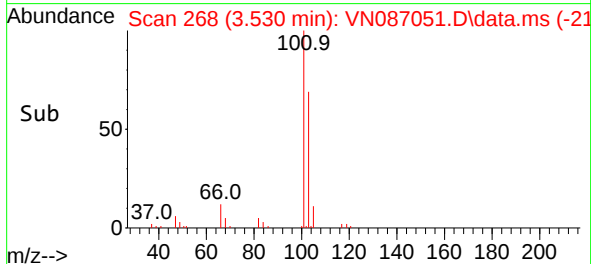
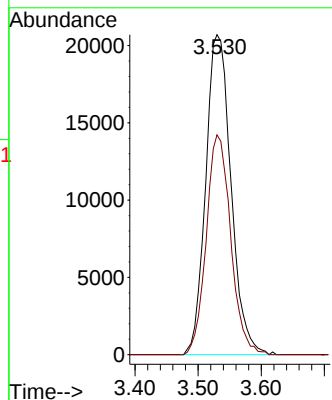
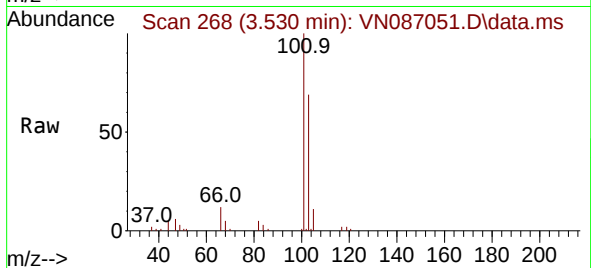




#7
Trichlorofluoromethane
Concen: 21.109 ug/l
RT: 3.530 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087051.D
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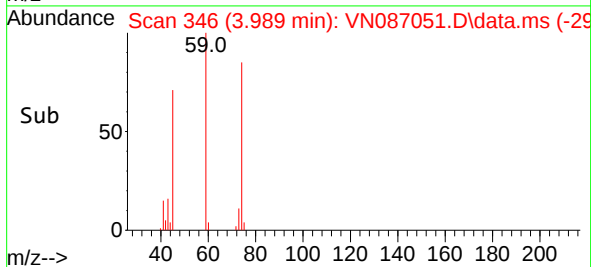
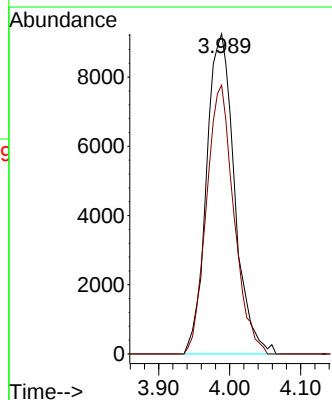
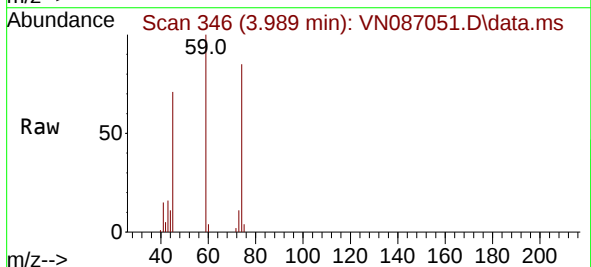
Instrument :
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VN0617WBS01

Tgt Ion:101 Resp: 57670
Ion Ratio Lower Upper
101 100
103 68.7 52.2 78.2



#8
Diethyl Ether
Concen: 21.241 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 74 Resp: 25284
Ion Ratio Lower Upper
74 100
45 82.6 45.5 136.5

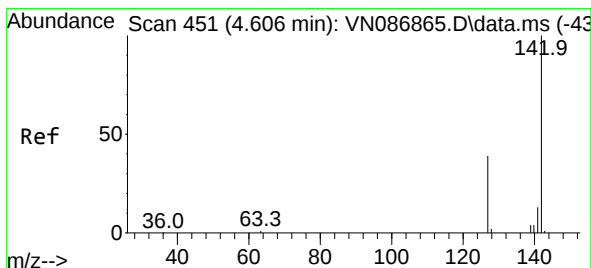
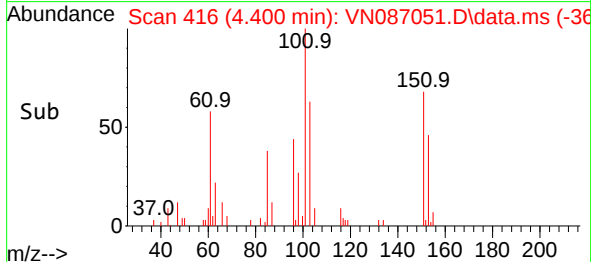
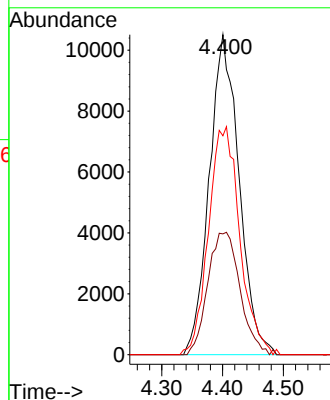
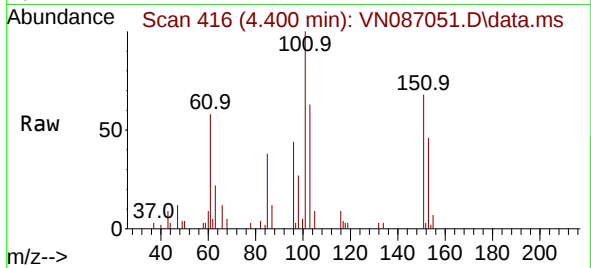




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.797 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087051.D
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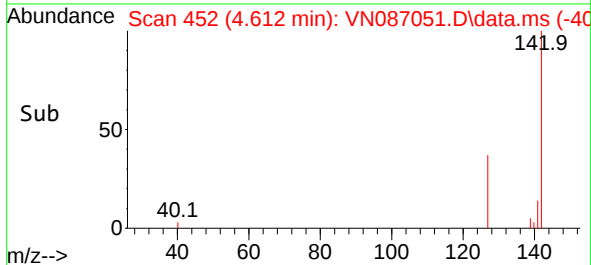
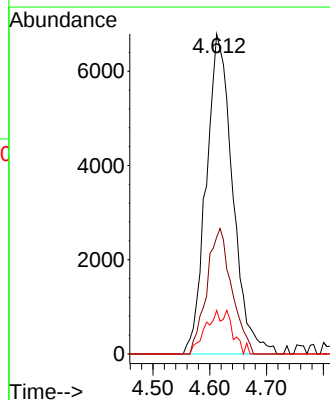
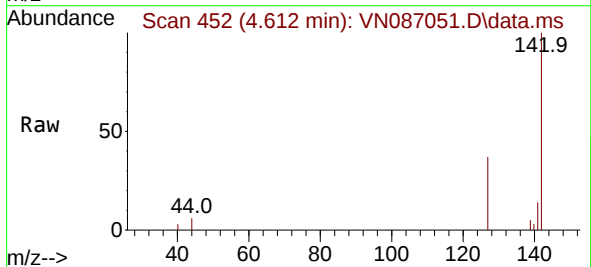
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion:101 Resp: 35697
Ion Ratio Lower Upper
101 100
85 41.4 33.8 50.8
151 74.8 58.7 88.1



#10
Methyl Iodide
Concen: 9.865 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:142 Resp: 21949
Ion Ratio Lower Upper
142 100
127 36.5 30.9 46.3
141 13.6 10.4 15.6

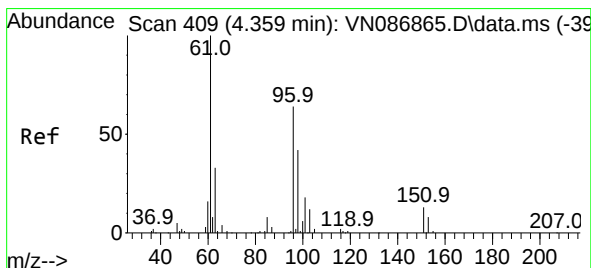
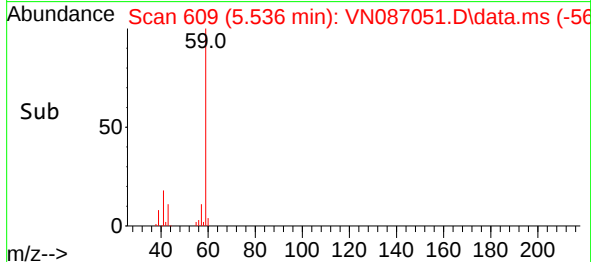
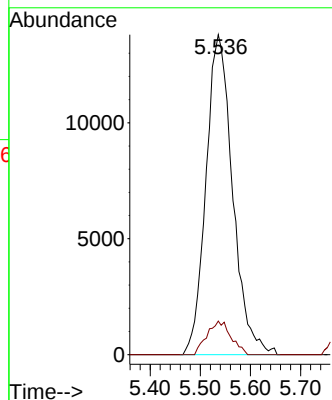
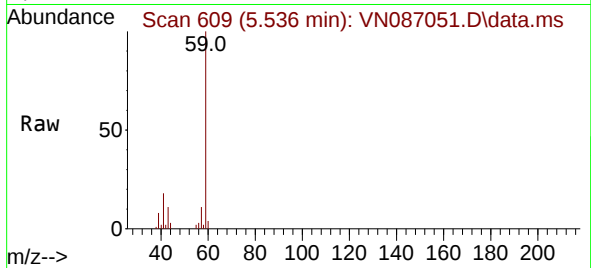




#11
Tert butyl alcohol
Concen: 89.205 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

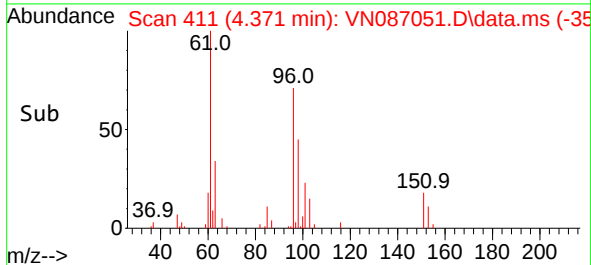
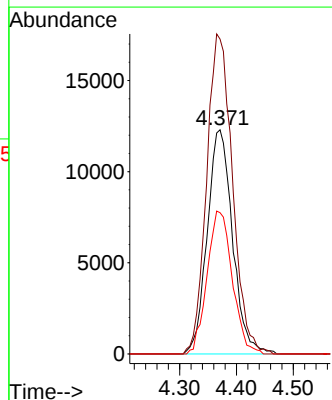
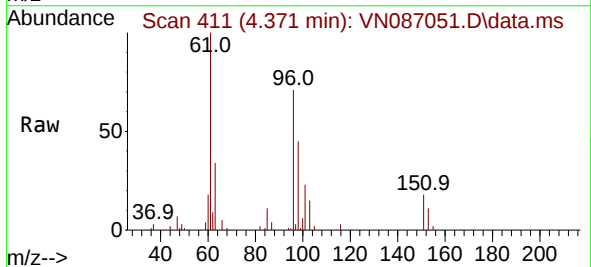
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

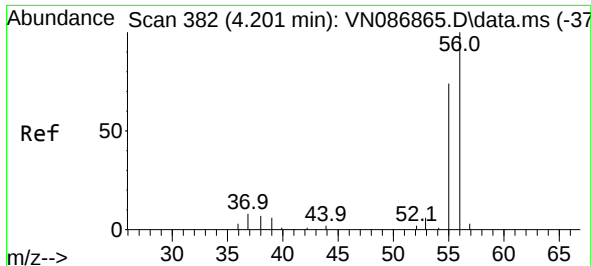
Tgt Ion: 59 Resp: 51022
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 21.706 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 96 Resp: 38036
Ion Ratio Lower Upper
96 100
61 140.5 125.8 188.6
98 63.0 52.5 78.7

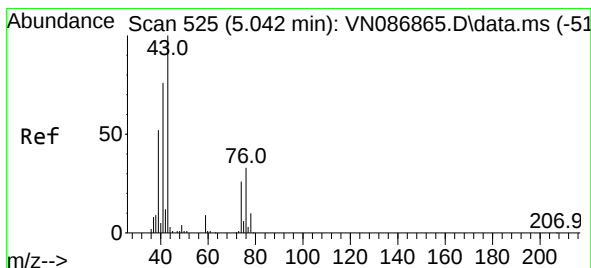
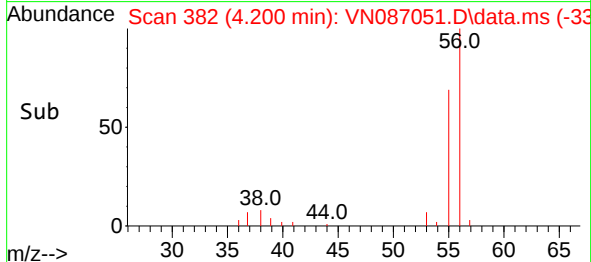
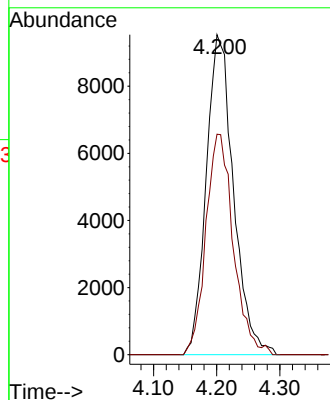
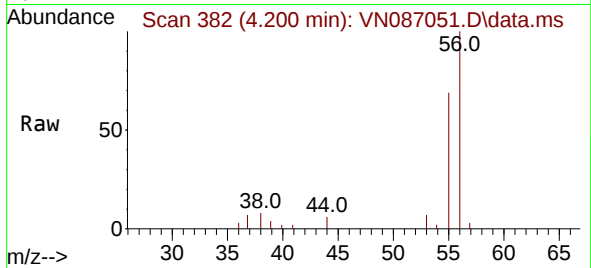




#13
Acrolein
Concen: 157.981 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

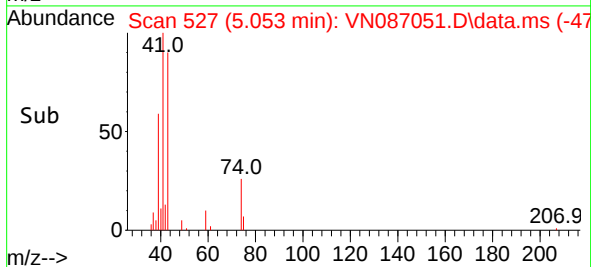
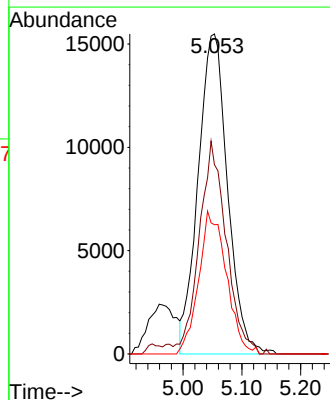
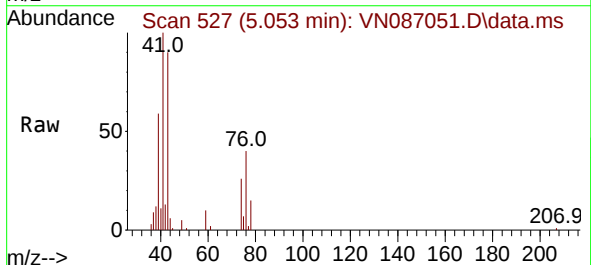
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion: 56 Resp: 28602
Ion Ratio Lower Upper
56 100
55 69.3 55.6 83.4



#14
Allyl chloride
Concen: 18.568 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 41 Resp: 53962
Ion Ratio Lower Upper
41 100
39 61.1 51.3 76.9
76 41.9 31.4 47.0

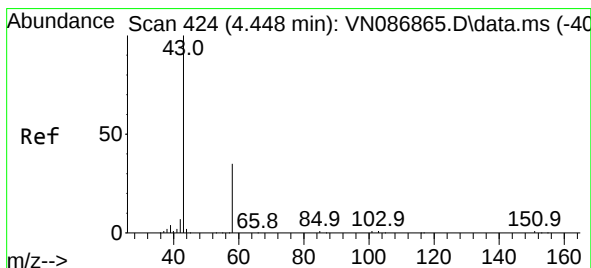
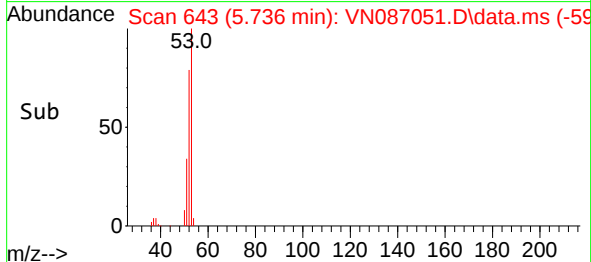
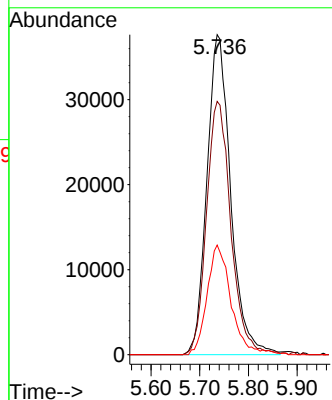
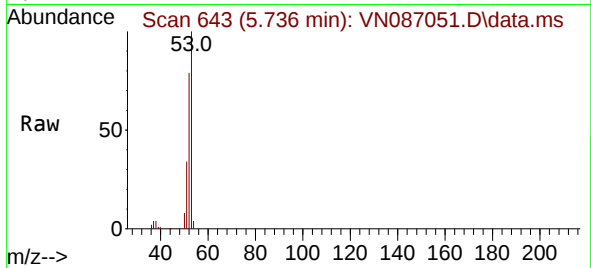




#15
Acrylonitrile
Concen: 95.394 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

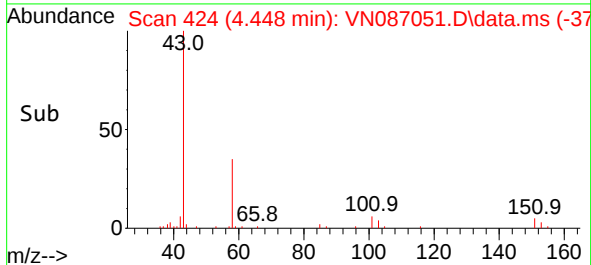
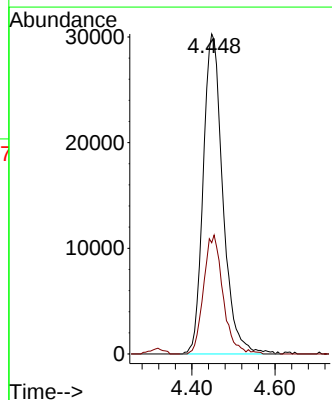
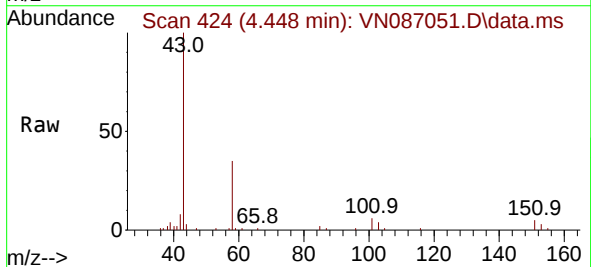
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion: 53 Resp: 127531
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 34.7 27.2 40.8



#16
Acetone
Concen: 88.843 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 43 Resp: 99313
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





#17

Carbon Disulfide

Concen: 22.143 ug/l

RT: 4.742 min Scan# 472

Delta R.T. 0.012 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

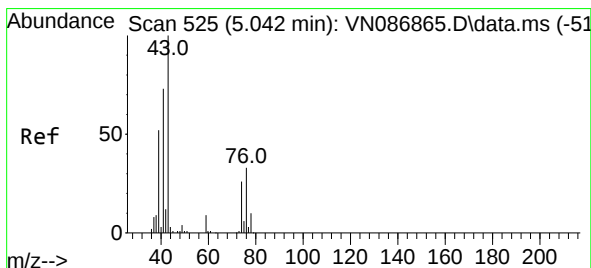
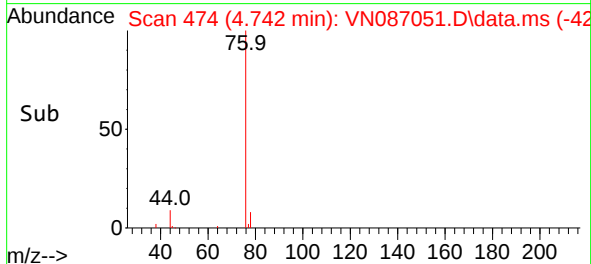
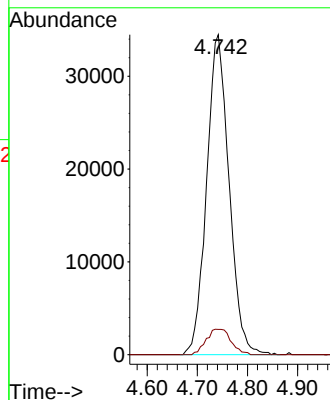
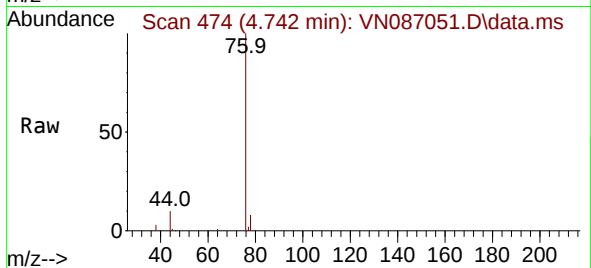
VN0617WBS01

Tgt Ion: 76 Resp: 107330

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9



#18

Methyl Acetate

Concen: 16.164 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN087051.D

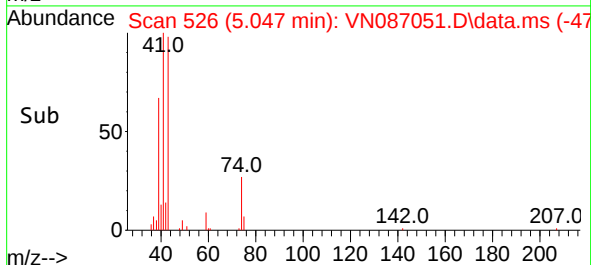
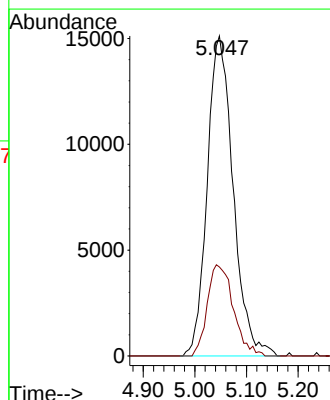
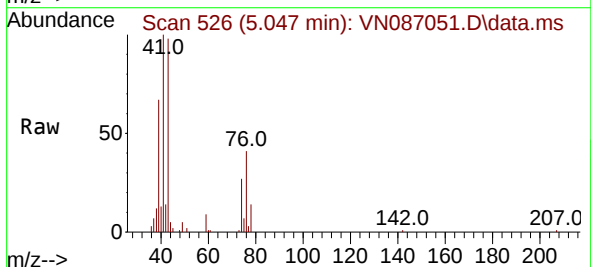
Acq: 17 Jun 2025 11:59

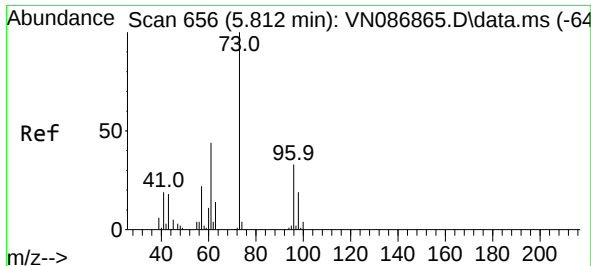
Tgt Ion: 43 Resp: 52657

Ion Ratio Lower Upper

43 100

74 28.5 20.7 31.1

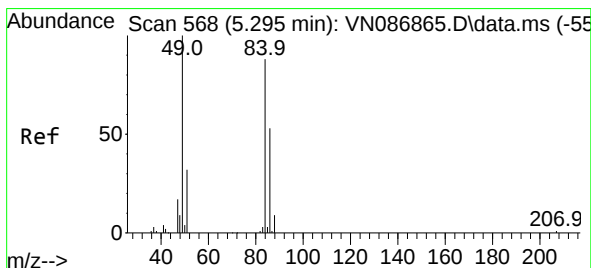
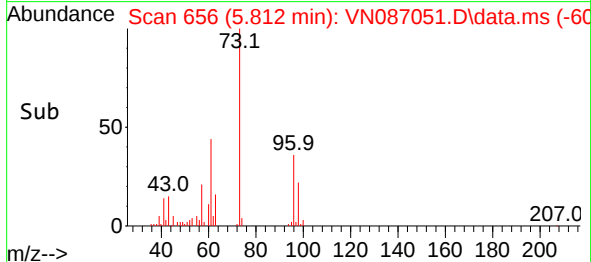
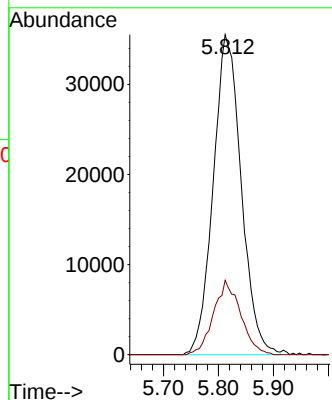
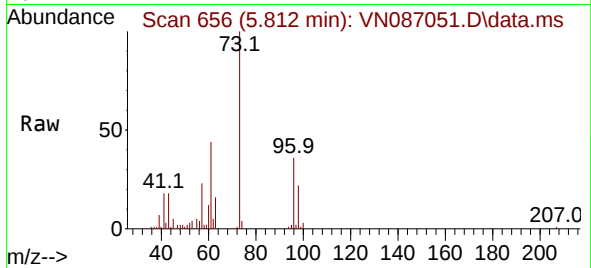




#19
Methyl tert-butyl Ether
Concen: 19.785 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

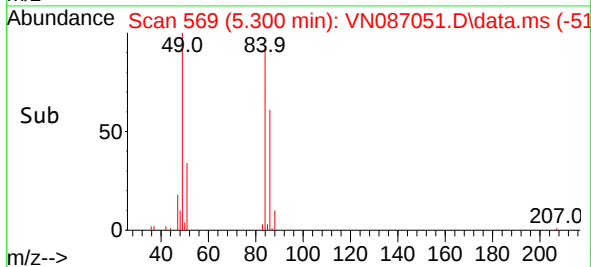
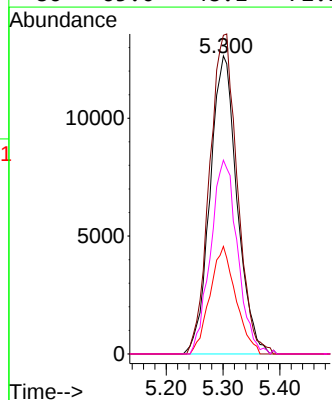
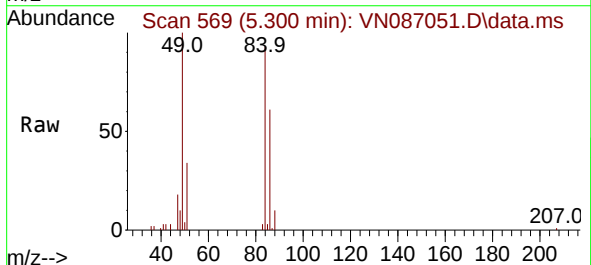
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

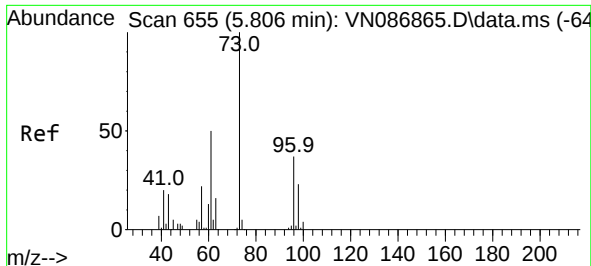
Tgt Ion: 73 Resp: 125530
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.2



#20
Methylene Chloride
Concen: 19.953 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 84 Resp: 41757
Ion Ratio Lower Upper
84 100
49 107.0 90.5 135.7
51 36.1 28.5 42.7
86 65.0 48.1 72.1

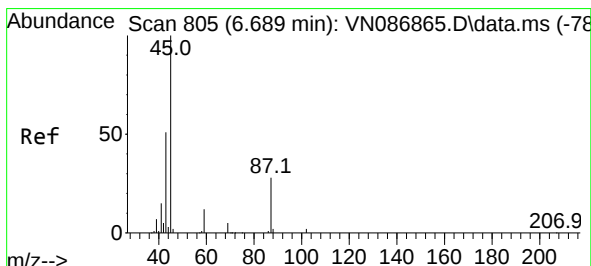
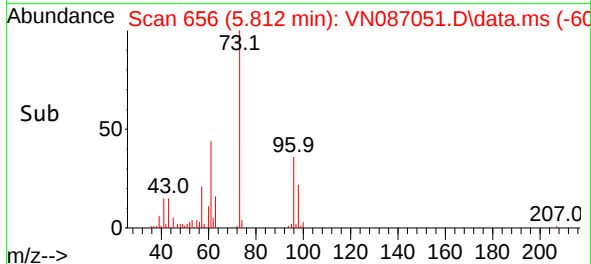
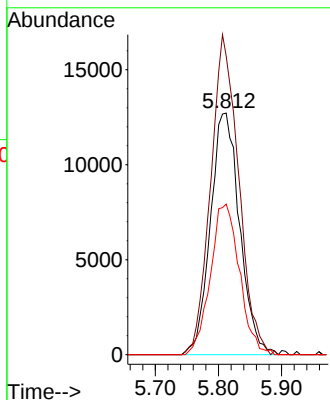
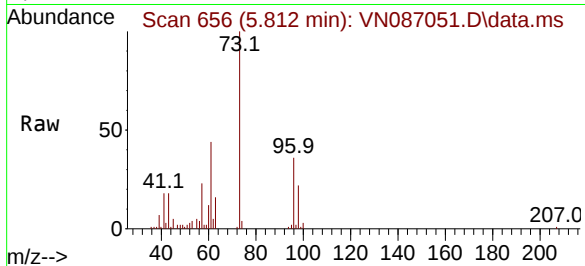




#21
trans-1,2-Dichloroethene
Concen: 20.970 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

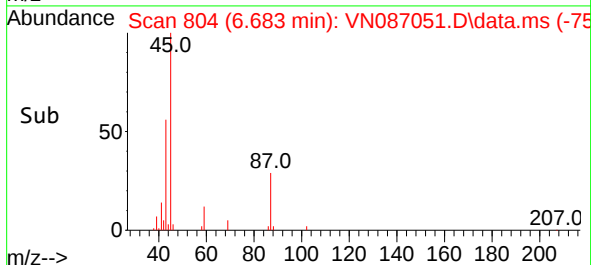
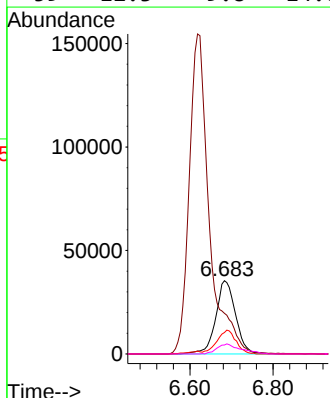
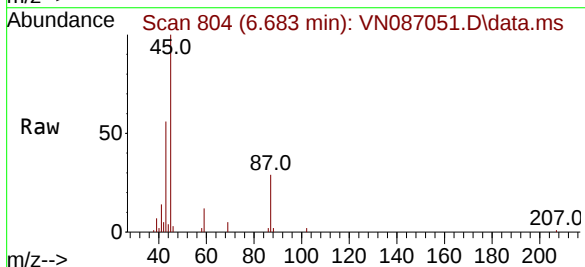
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion: 96 Resp: 40883
Ion Ratio Lower Upper
96 100
61 123.6 109.2 163.8
98 62.3 49.8 74.8



#22
Diisopropyl ether
Concen: 19.127 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 45 Resp: 117172
Ion Ratio Lower Upper
45 100
43 54.5 41.9 62.9
87 29.3 22.4 33.6
59 12.3 9.8 14.6

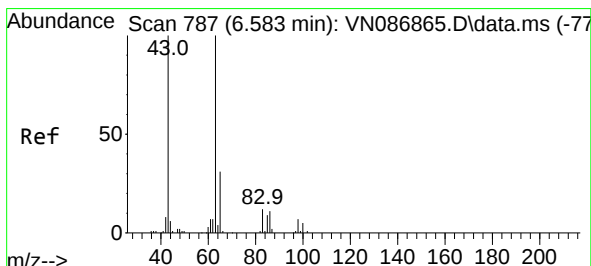
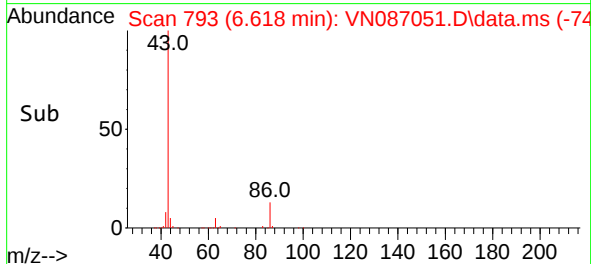
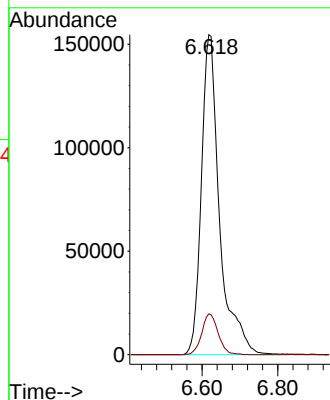
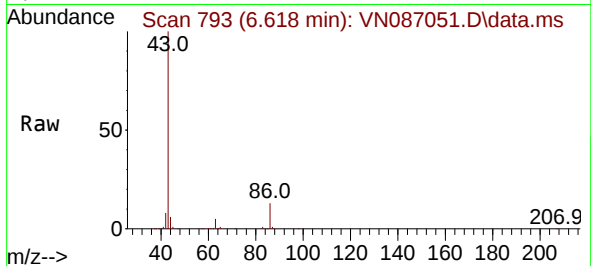




#23
 Vinyl Acetate
 Concen: 99.575 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

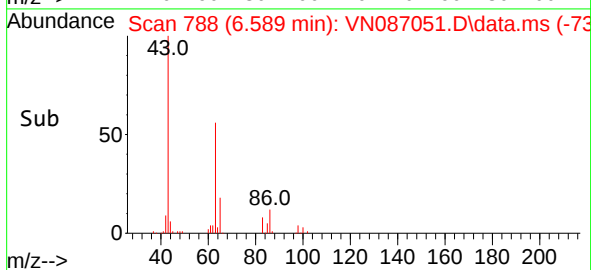
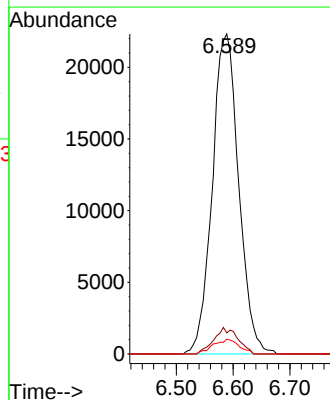
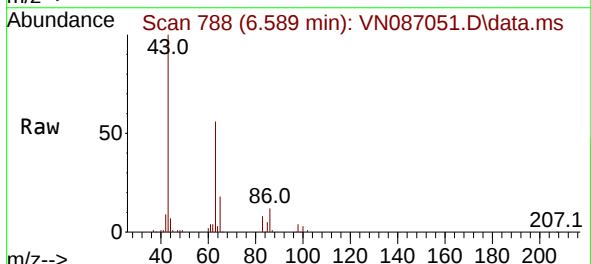
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tgt Ion: 43 Resp: 515374
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 20.458 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

Tgt Ion: 63 Resp: 72122
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.6 2.6 7.8

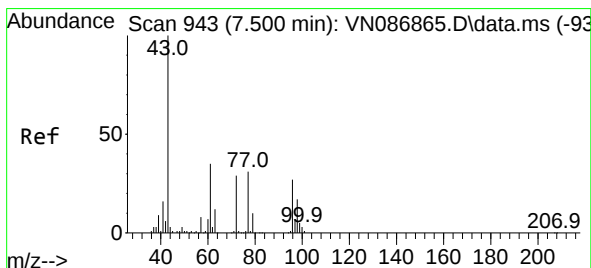
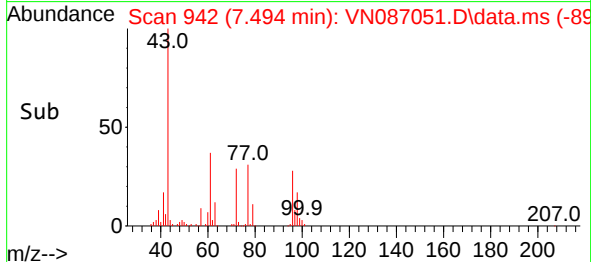
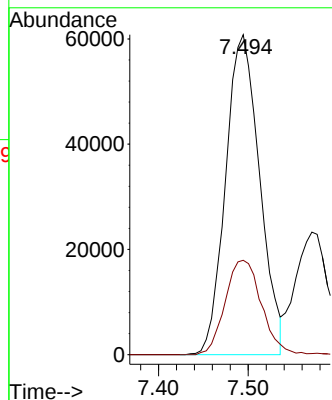
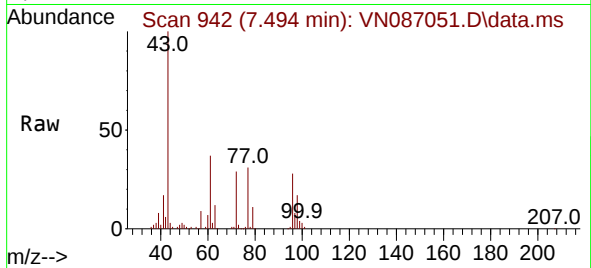




#25
2-Butanone
Concen: 88.228 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

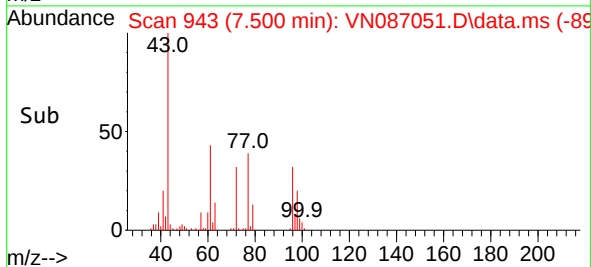
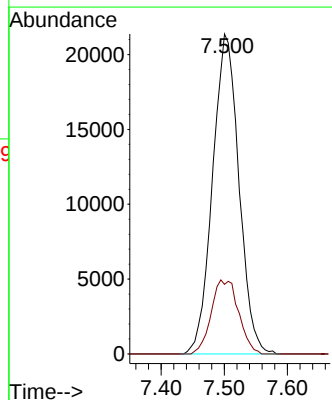
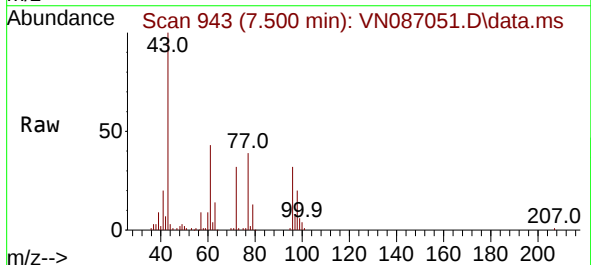
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

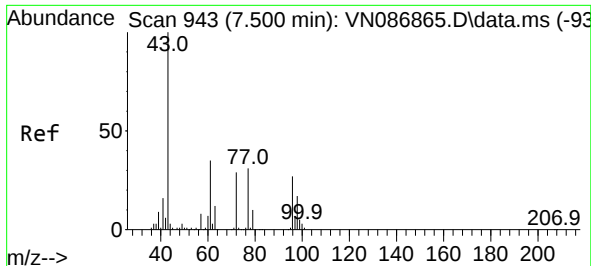
Tgt Ion: 43 Resp: 160313
Ion Ratio Lower Upper
43 100
72 29.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 22.599 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 77 Resp: 61973
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7

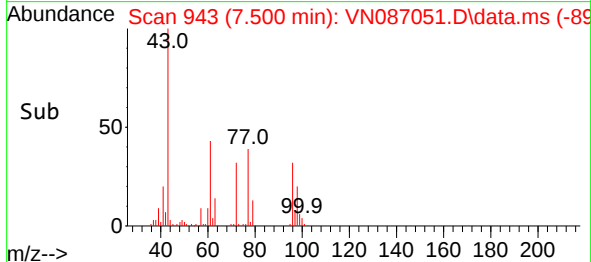
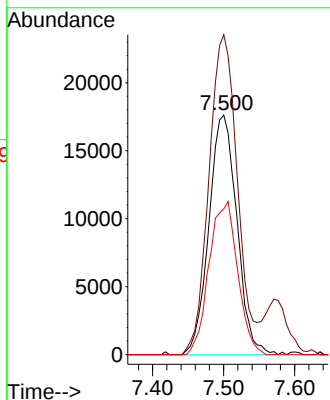
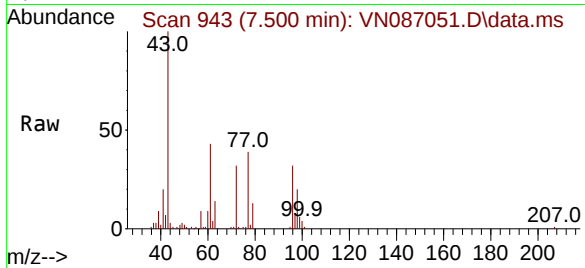




#27
 cis-1,2-Dichloroethene
 Concen: 20.688 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

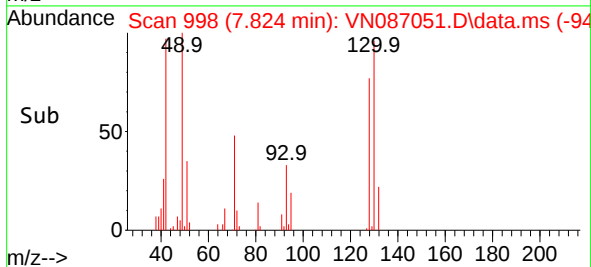
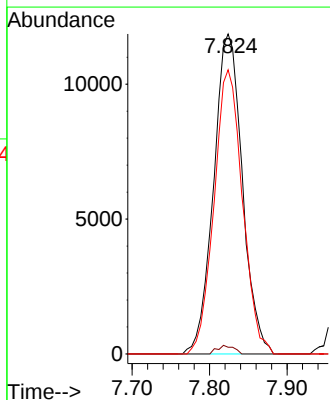
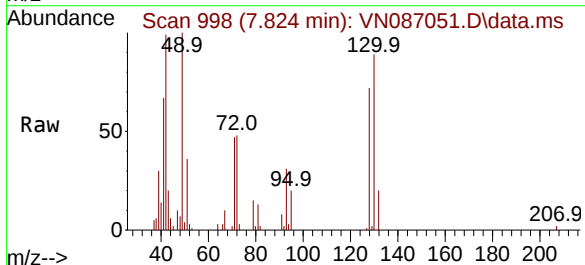
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Tgt Ion: 96 Resp: 48236
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 278.0
 98 65.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 17.650 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

Tgt Ion: 49 Resp: 30593
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 87.8 62.2 93.2





#29

Tetrahydrofuran

Concen: 91.665 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

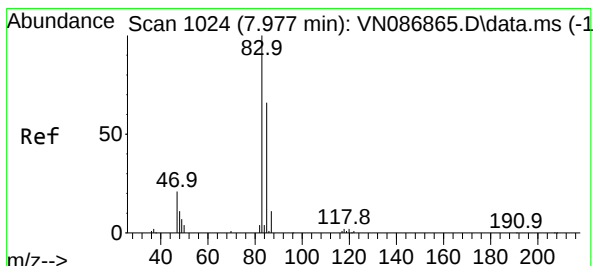
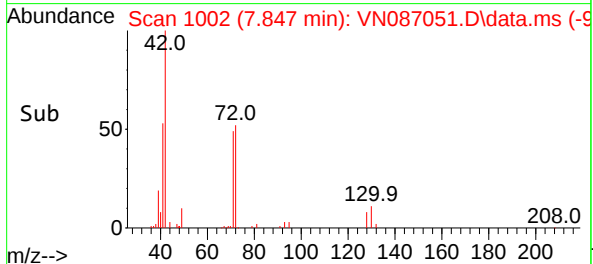
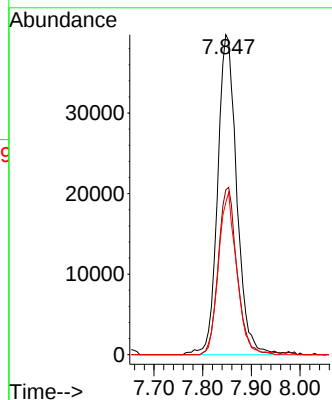
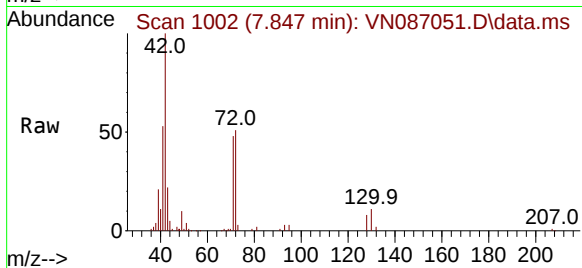
Tgt Ion: 42 Resp: 108501

Ion Ratio Lower Upper

42 100

72 51.1 37.8 56.6

71 48.3 35.6 53.4



#30

Chloroform

Concen: 20.055 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN087051.D

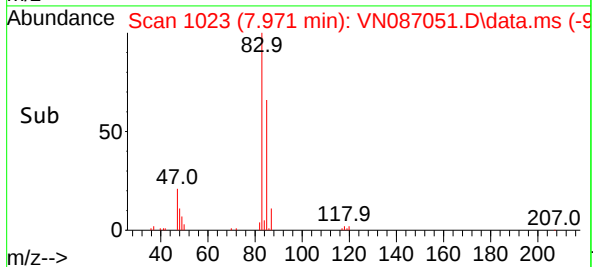
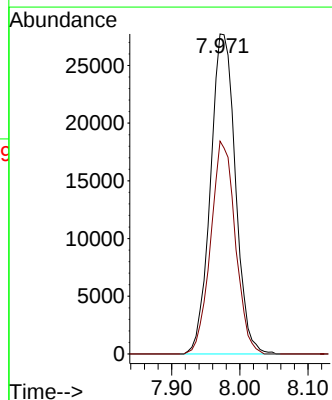
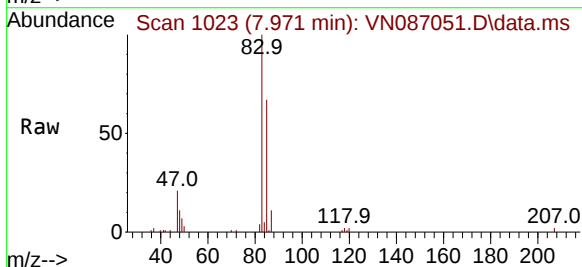
Acq: 17 Jun 2025 11:59

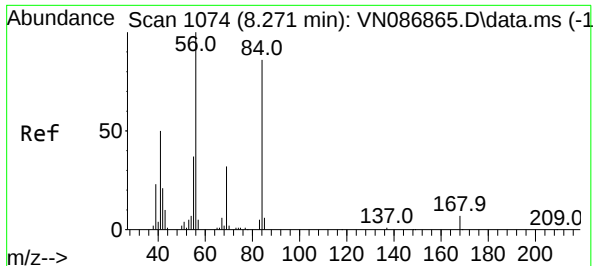
Tgt Ion: 83 Resp: 70607

Ion Ratio Lower Upper

83 100

85 66.5 52.9 79.3

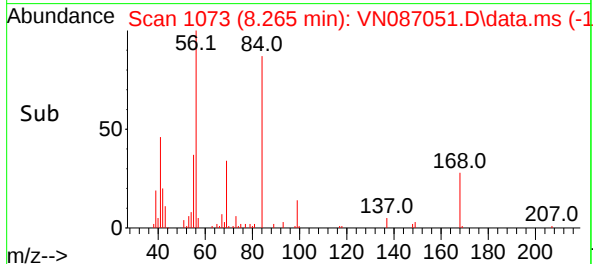
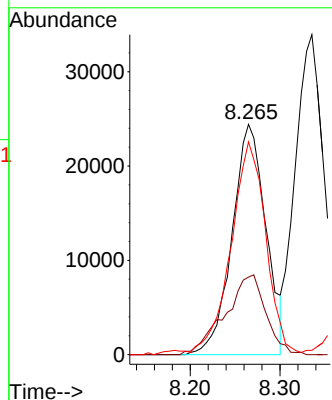
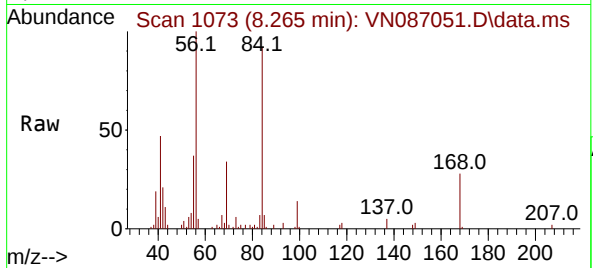




#31
Cyclohexane
Concen: 18.668 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

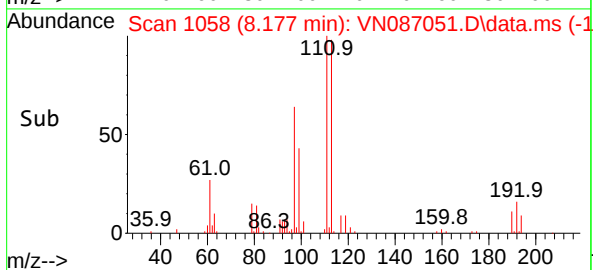
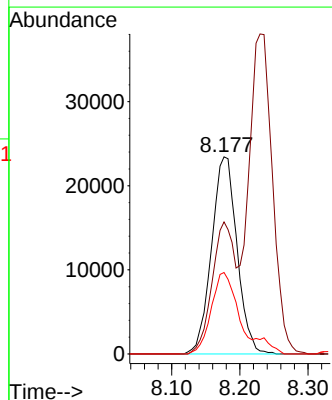
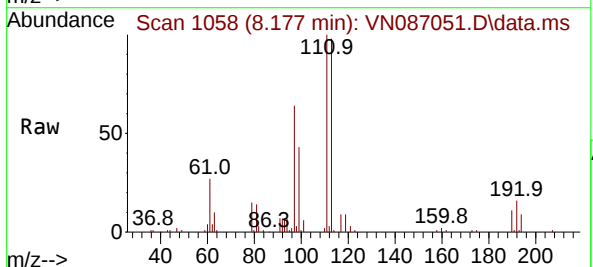
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

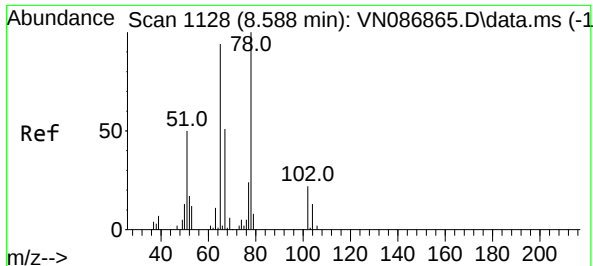
Tgt Ion: 56 Resp: 63824
Ion Ratio Lower Upper
56 100
69 33.7 25.4 38.0
84 90.8 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 97 Resp: 60917
Ion Ratio Lower Upper
97 100
99 58.0 52.0 78.0
61 42.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.691 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

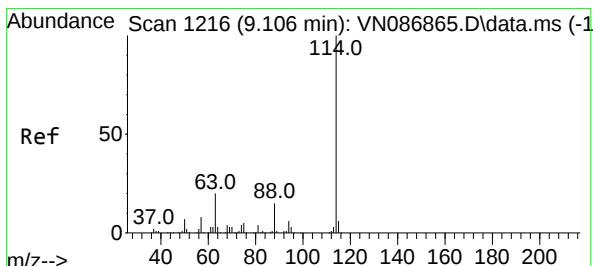
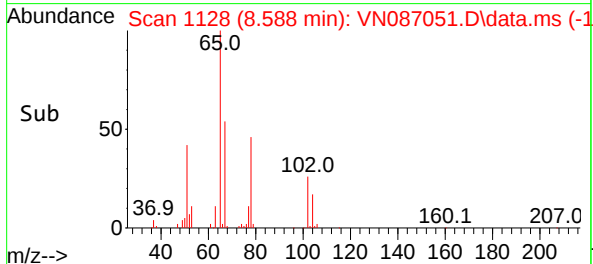
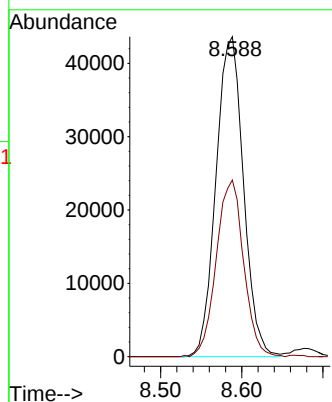
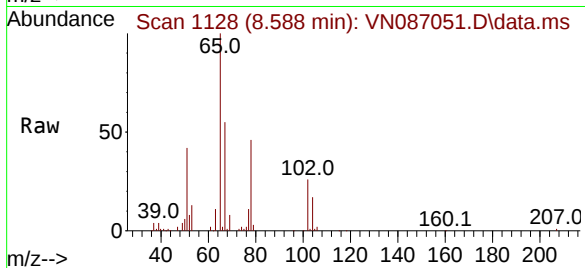
VN0617WBS01

Tgt Ion: 65 Resp: 102637

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

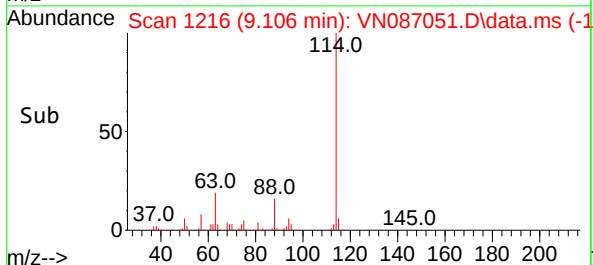
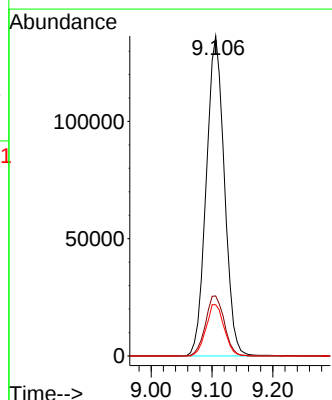
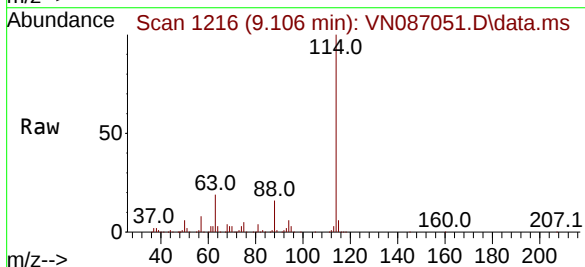
Tgt Ion: 114 Resp: 281588

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 16.0 0.0 30.2

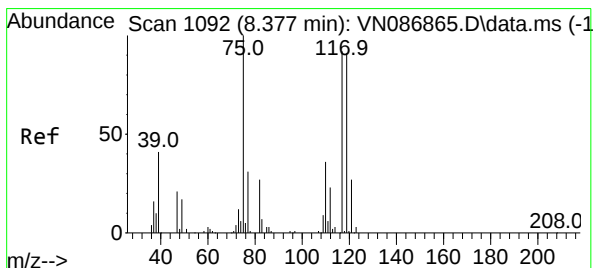
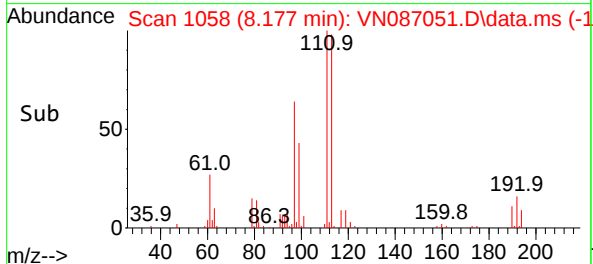
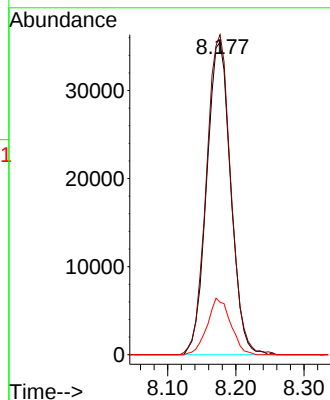
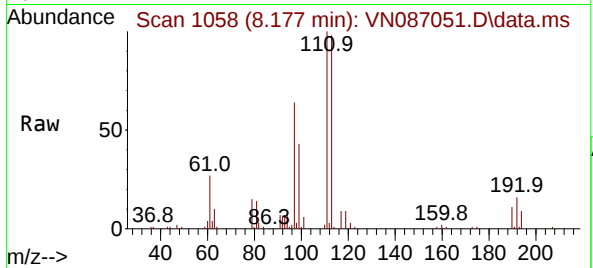




#35
Dibromofluoromethane
Concen: 52.156 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

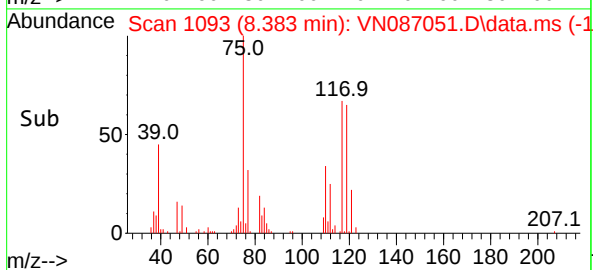
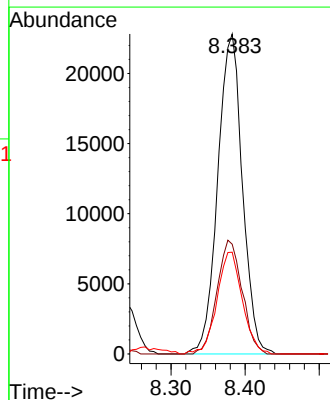
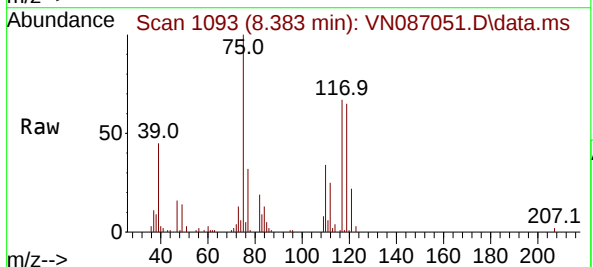
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

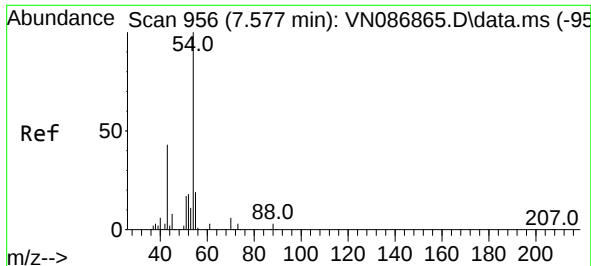
Tgt Ion:113 Resp: 87035
Ion Ratio Lower Upper
113 100
111 103.7 84.2 126.2
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 21.189 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 75 Resp: 52690
Ion Ratio Lower Upper
75 100
110 36.2 17.6 52.9
77 32.8 25.3 37.9

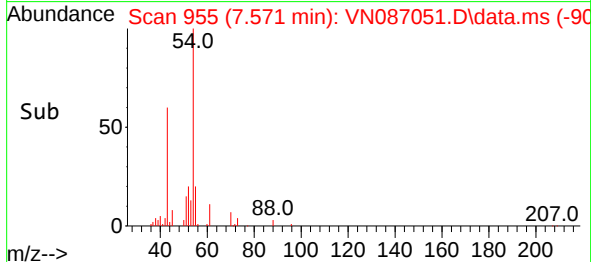
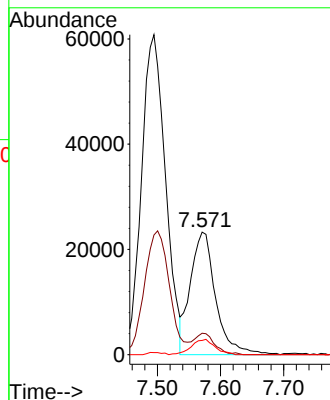
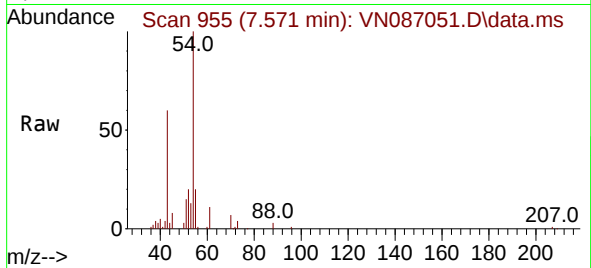




#37
Ethyl Acetate
Concen: 20.519 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

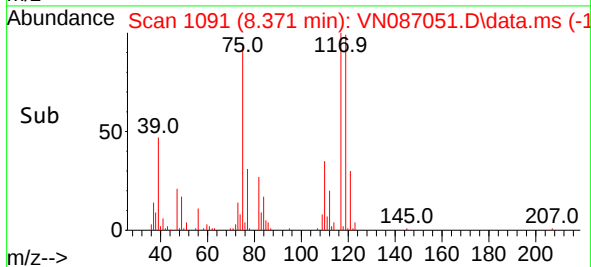
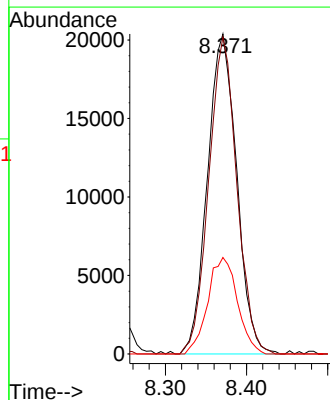
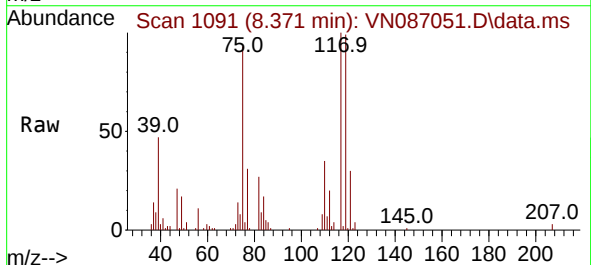
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

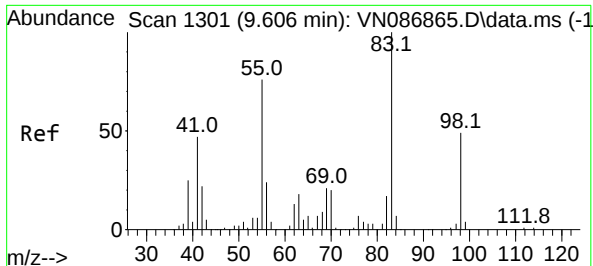
Tgt Ion: 43 Resp: 64952
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 11.6 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.873 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 117 Resp: 50957
Ion Ratio Lower Upper
117 100
119 99.0 75.0 112.6
121 30.1 24.9 37.3





#39

Methylcyclohexane

Concen: 17.167 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

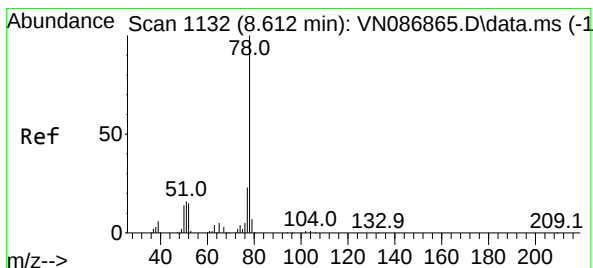
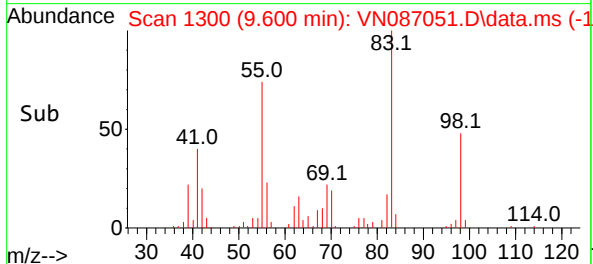
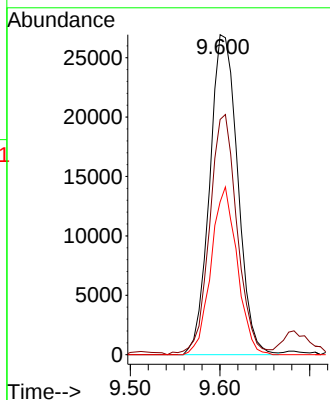
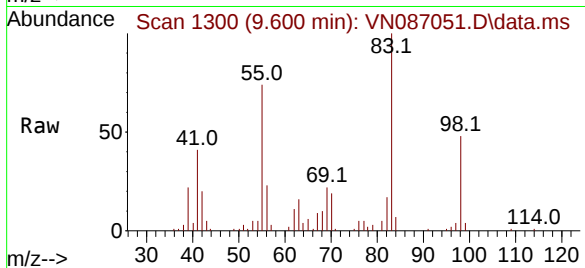
Tgt Ion: 83 Resp: 58485

Ion Ratio Lower Upper

83 100

55 72.9 61.0 91.6

98 47.8 38.9 58.3



#40

Benzene

Concen: 20.869 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087051.D

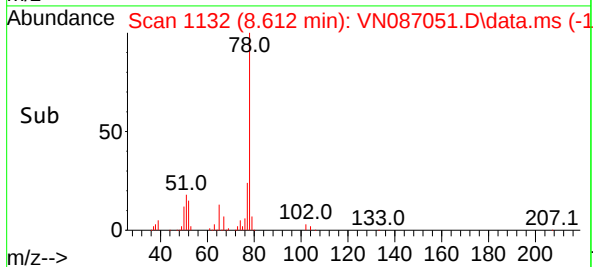
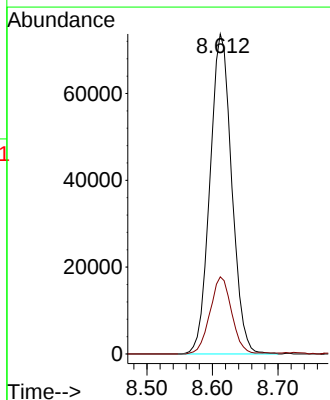
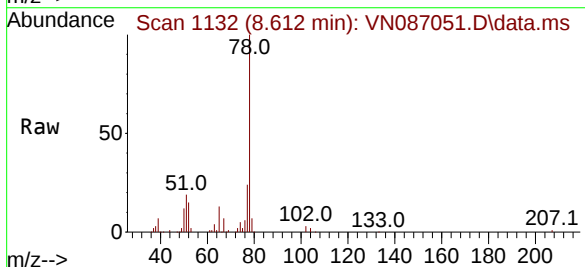
Acq: 17 Jun 2025 11:59

Tgt Ion: 78 Resp: 169691

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1

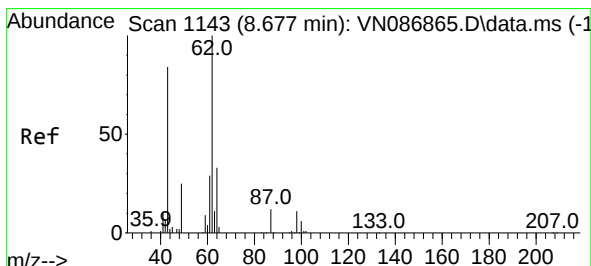
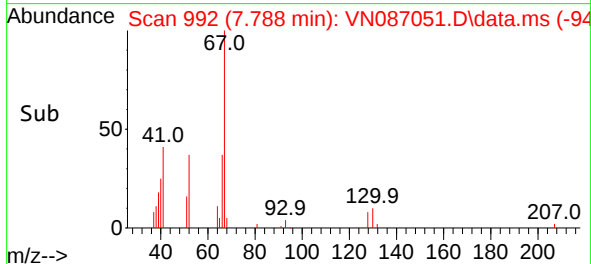
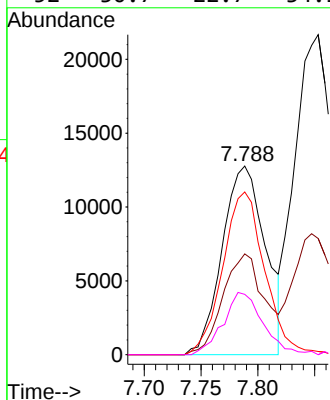
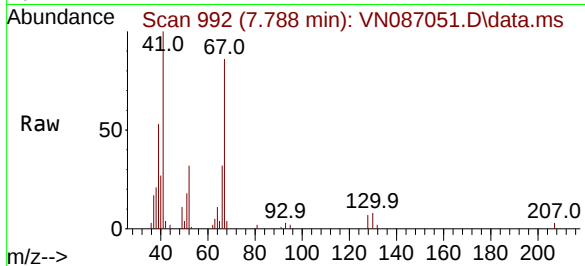




#41
Methacrylonitrile
Concen: 19.000 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

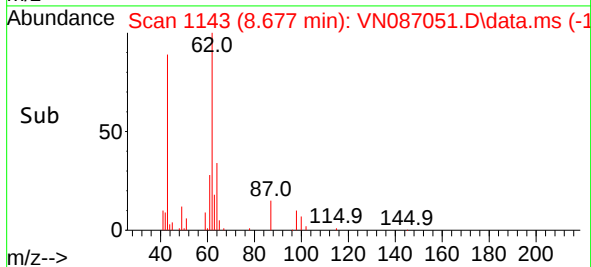
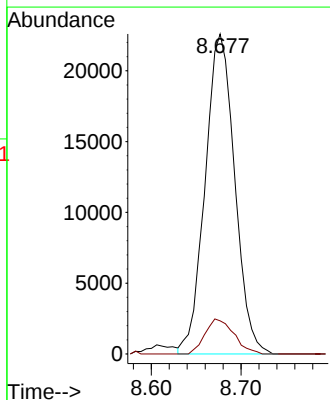
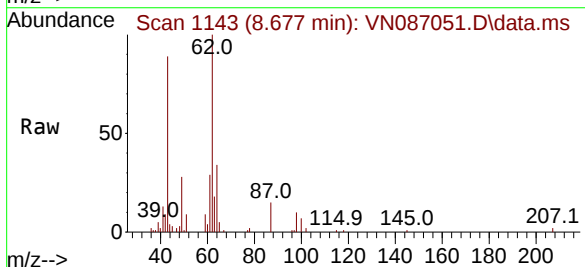
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

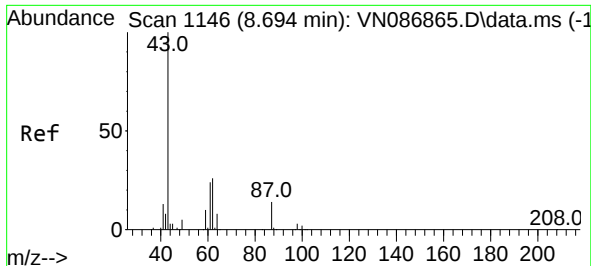
Tgt Ion:	41	Resp:	33778
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	83.8	61.4	92.2
52	30.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:	62	Resp:	51707
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2

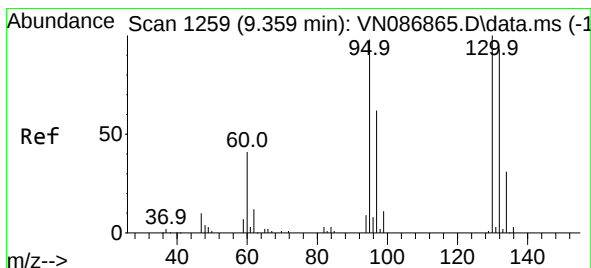
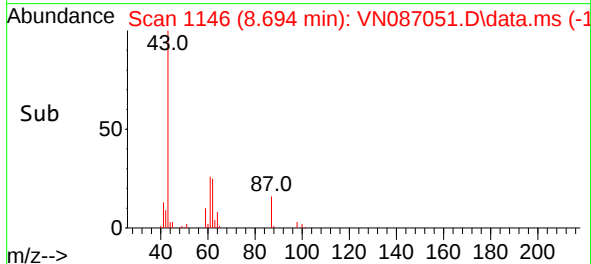
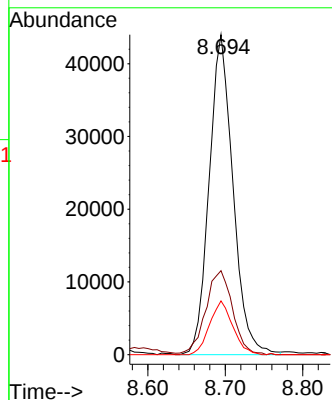
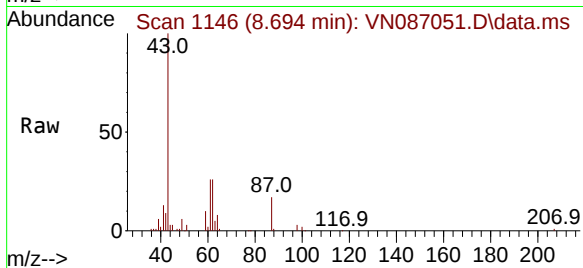




#43
Isopropyl Acetate
Concen: 18.512 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

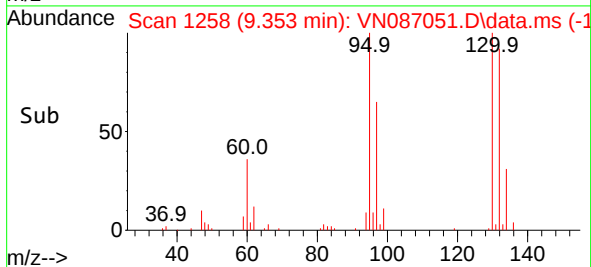
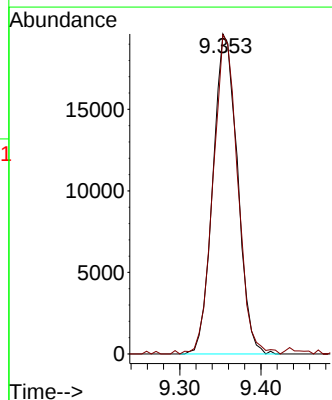
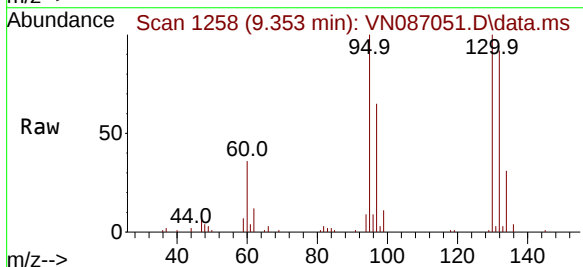
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

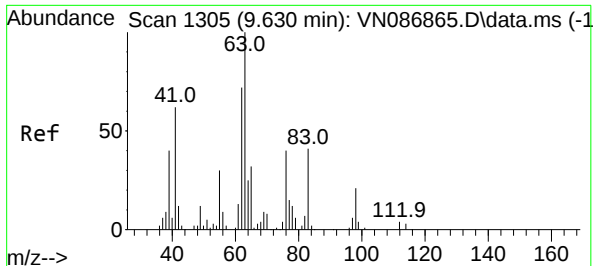
Tgt Ion:	43	Resp:	94051
Ion Ratio	Lower	Upper	
43	100		
61	29.6	22.1	33.1
87	16.3	11.8	17.6



#44
Trichloroethene
Concen: 21.368 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:	130	Resp:	41200
Ion Ratio	Lower	Upper	
130	100		
95	99.8	0.0	196.2





#45

1,2-Dichloropropane

Concen: 20.731 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

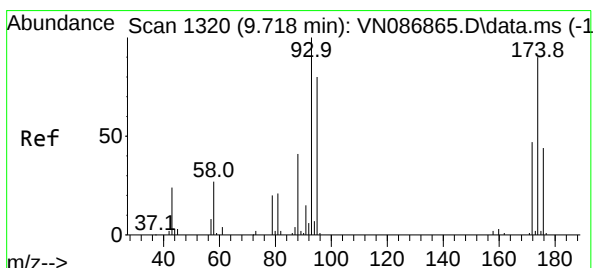
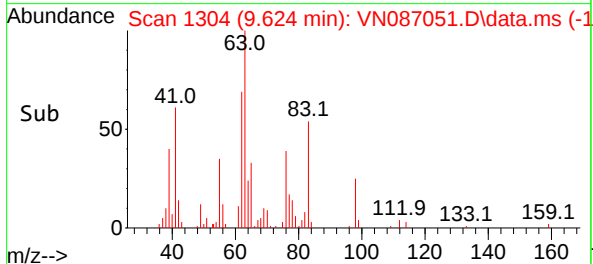
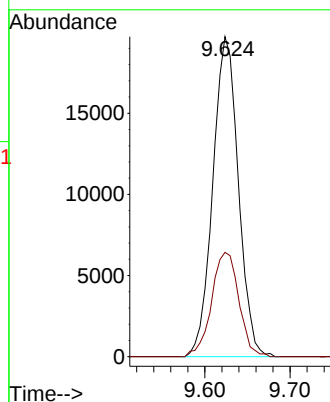
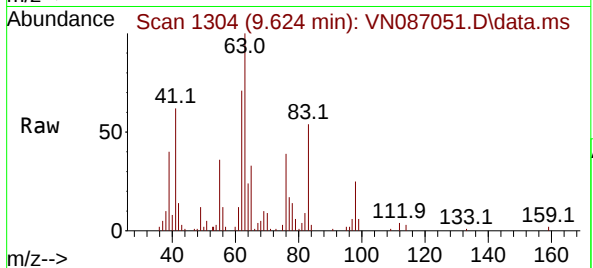
VN0617WBS01

Tgt Ion: 63 Resp: 41010

Ion Ratio Lower Upper

63 100

65 32.6 25.5 38.3



#46

Dibromomethane

Concen: 21.704 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

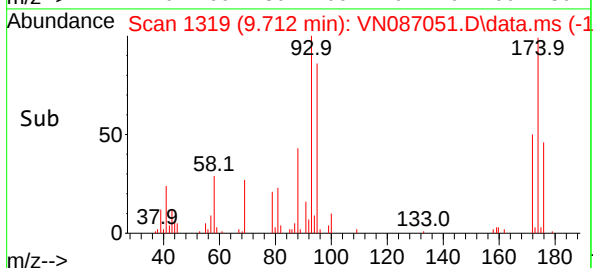
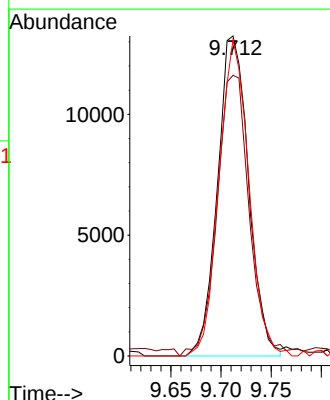
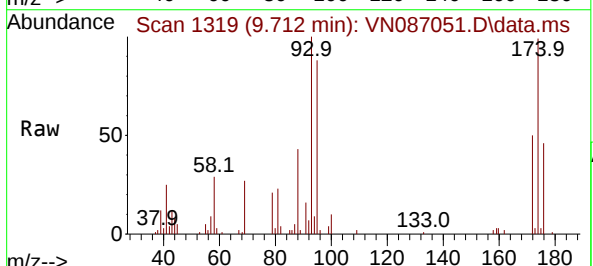
Tgt Ion: 93 Resp: 28519

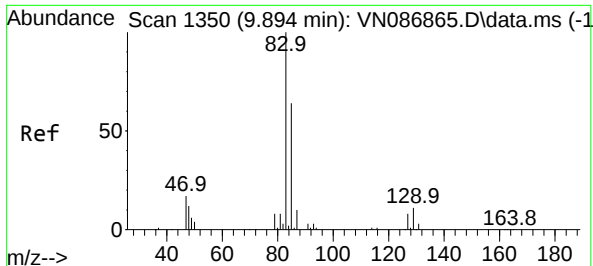
Ion Ratio Lower Upper

93 100

95 90.8 67.1 100.7

174 95.0 74.2 111.4

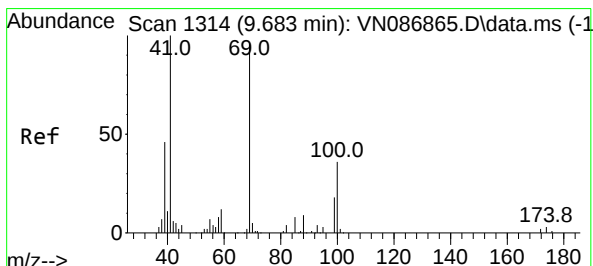
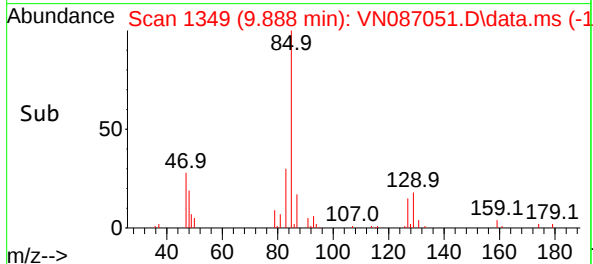
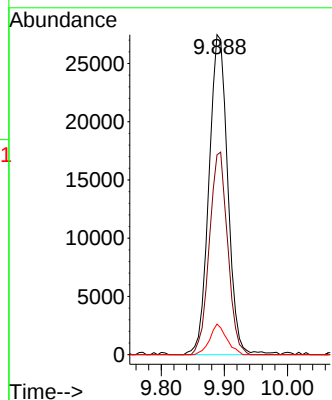
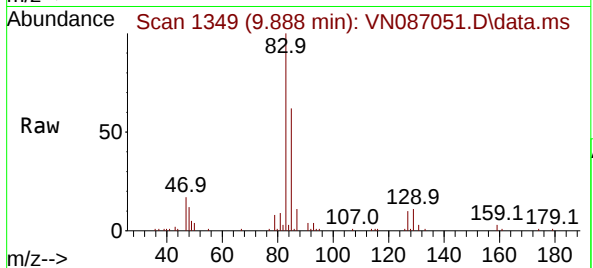




#47
Bromodichloromethane
Concen: 21.006 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

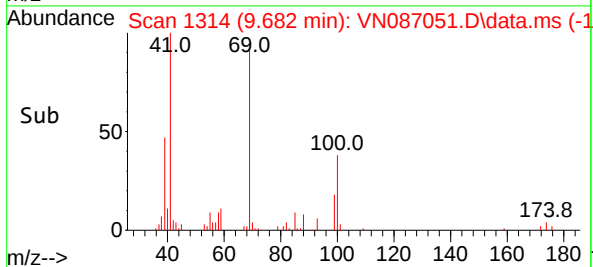
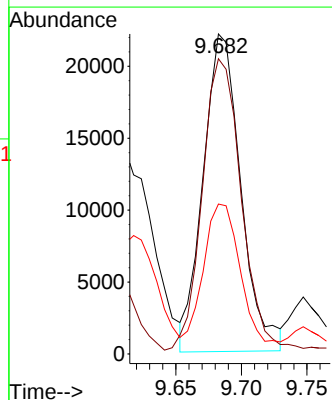
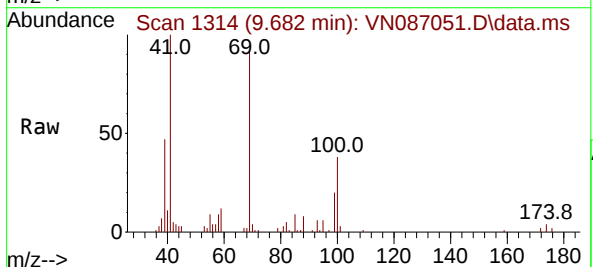
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

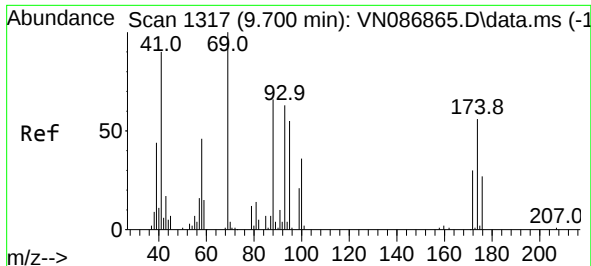
Tgt Ion: 83 Resp: 56790
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 18.894 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 41 Resp: 44182
Ion Ratio Lower Upper
41 100
69 96.2 74.6 112.0
39 47.7 40.2 60.4





#49

1,4-Dioxane

Concen: 396.113 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

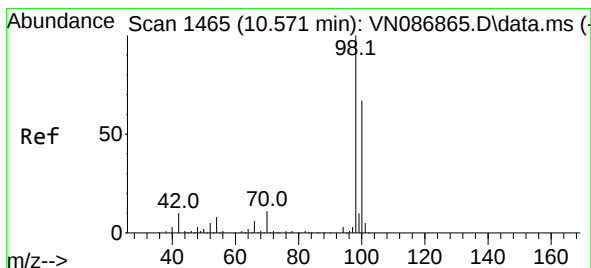
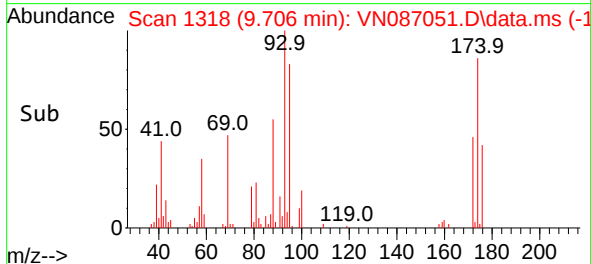
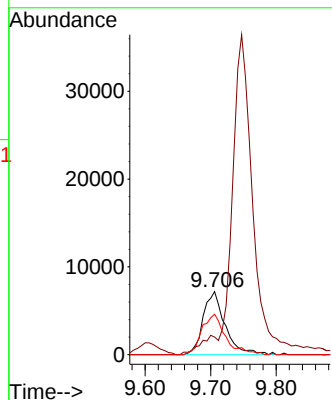
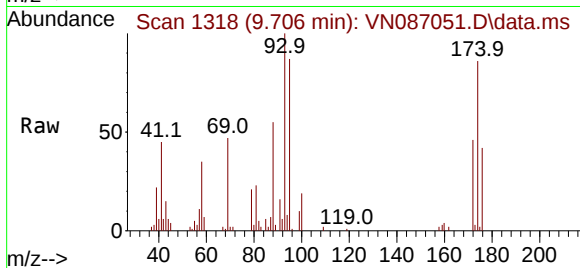
Tgt Ion: 88 Resp: 16851

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 68.9 57.7 86.5



#50

Toluene-d8

Concen: 49.963 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087051.D

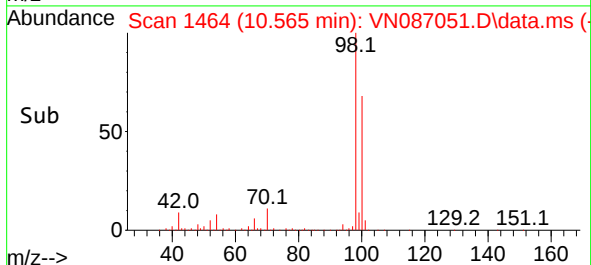
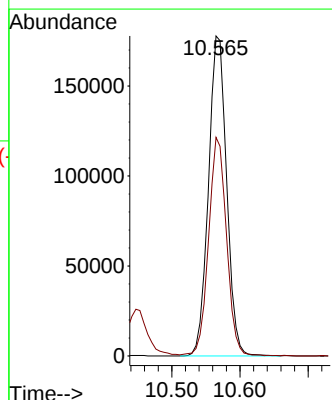
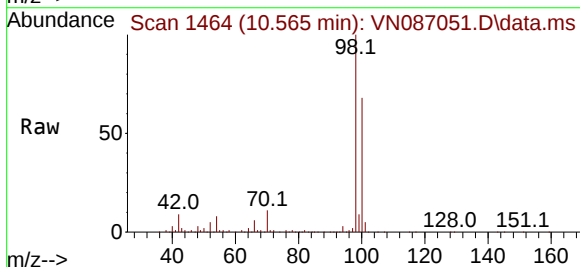
Acq: 17 Jun 2025 11:59

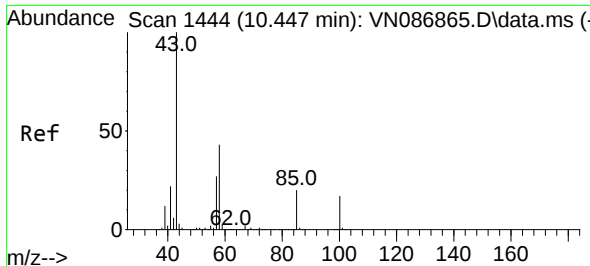
Tgt Ion: 98 Resp: 330063

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.0

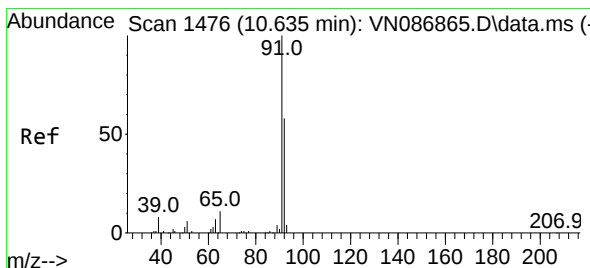
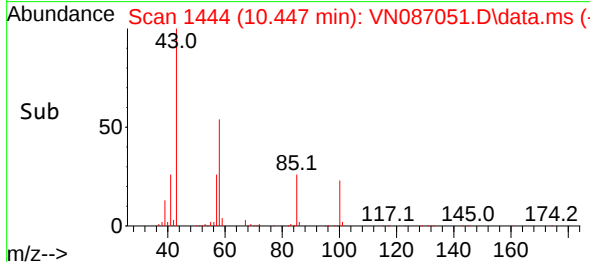
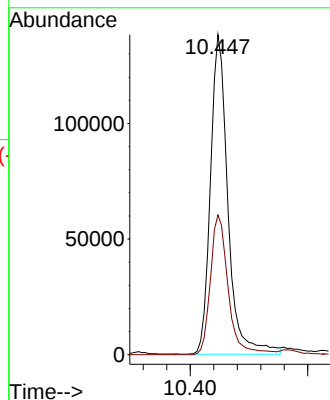
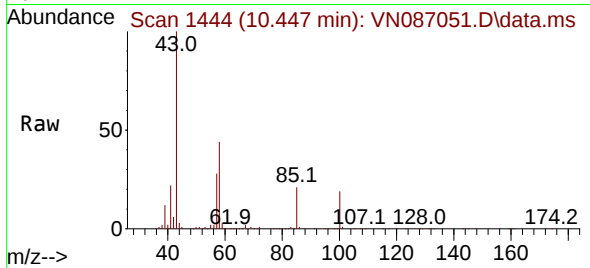




#51
4-Methyl-2-Pentanone
Concen: 93.145 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

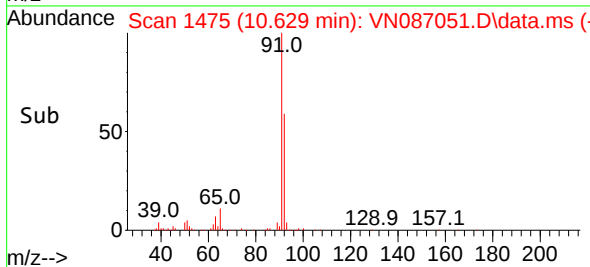
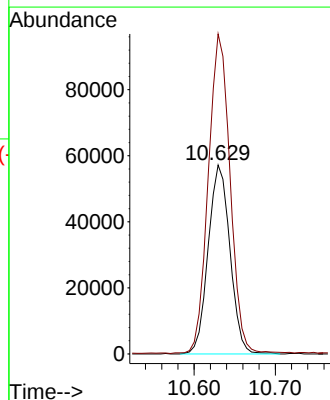
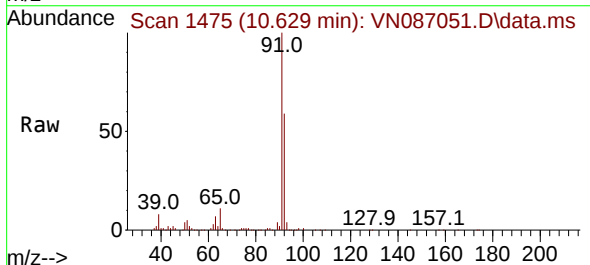
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

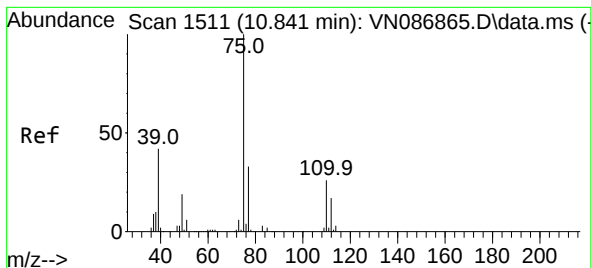
Tgt Ion: 43 Resp: 284888
Ion Ratio Lower Upper
43 100
58 44.6 34.2 51.4



#52
Toluene
Concen: 21.448 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 92 Resp: 106583
Ion Ratio Lower Upper
92 100
91 169.4 136.5 204.7

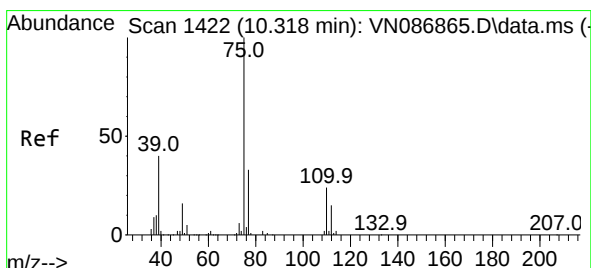
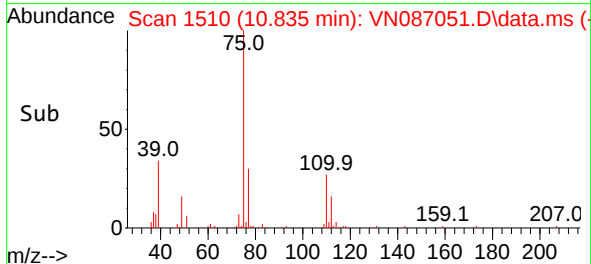
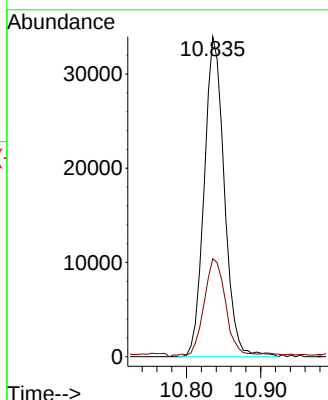
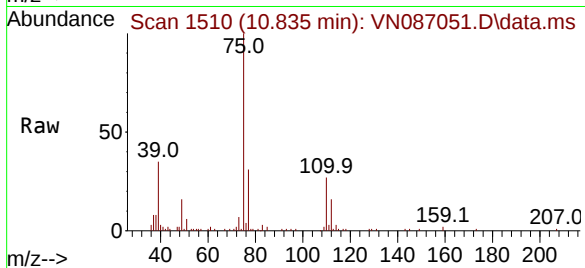




#53
 t-1,3-Dichloropropene
 Concen: 21.153 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

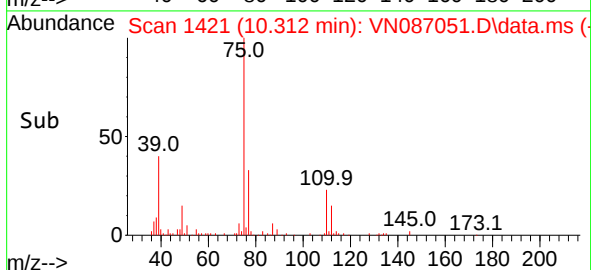
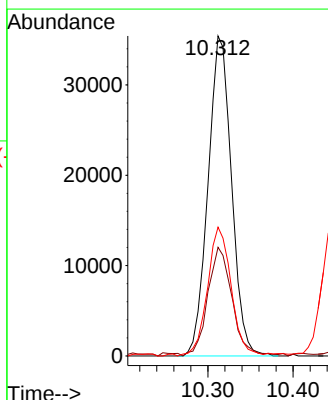
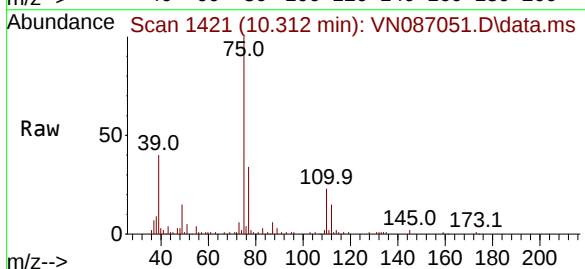
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

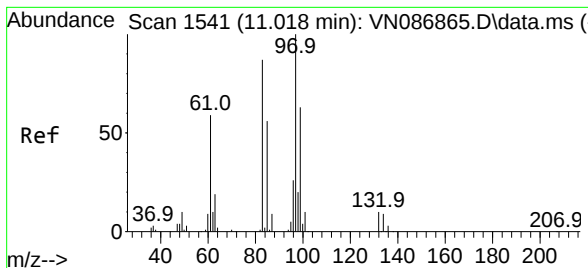
Tgt Ion: 75 Resp: 63945
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.978 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

Tgt Ion: 75 Resp: 67853
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.2 39.4
 39 40.3 32.3 48.5

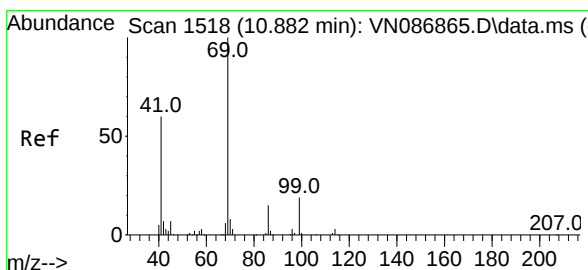
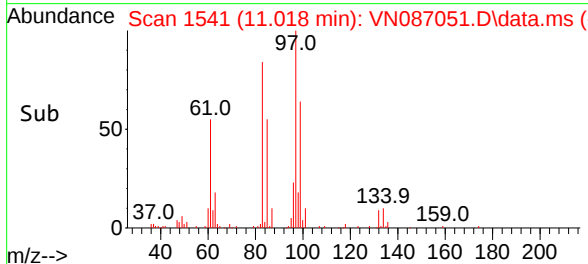
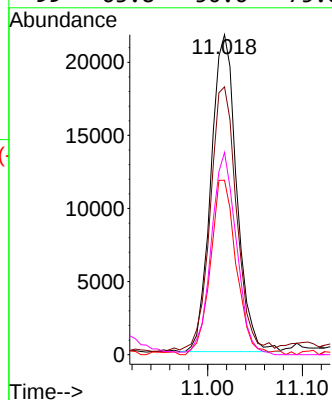
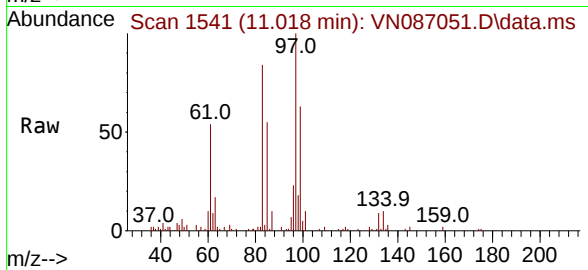




#55
1,1,2-Trichloroethane
Concen: 21.429 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

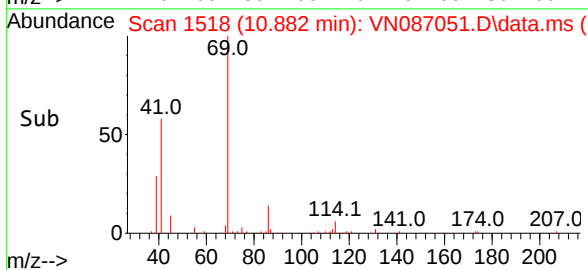
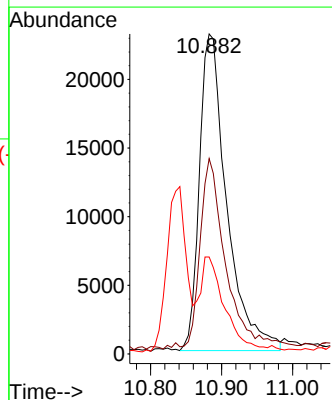
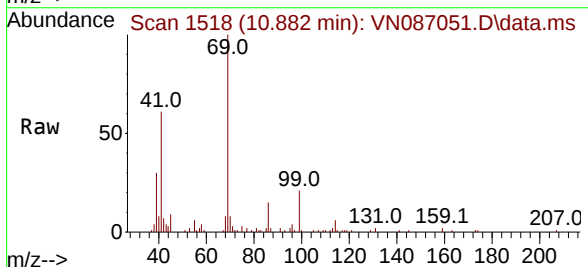
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

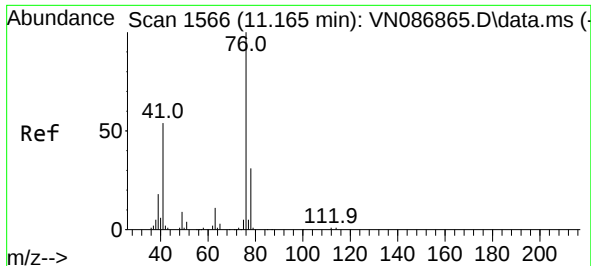
Tgt Ion:	97	Resp:	40974
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.7	104.5
85	55.0	45.1	67.7
99	63.8	50.6	75.8



#56
Ethyl methacrylate
Concen: 20.278 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:	69	Resp:	61756
Ion	Ratio	Lower	Upper
69	100		
41	54.4	47.2	70.8
39	23.8	23.0	34.6





#57

1,3-Dichloropropane

Concen: 21.180 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

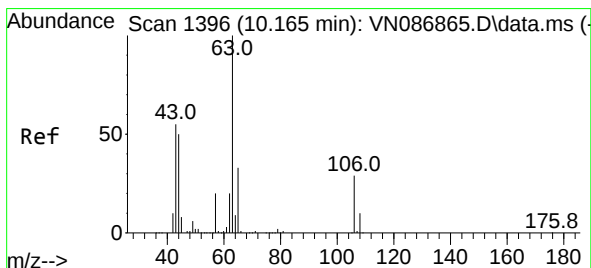
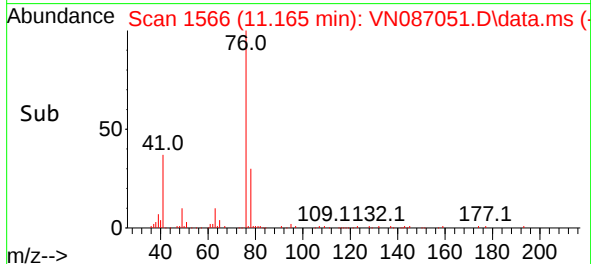
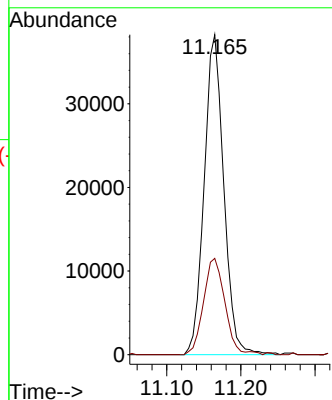
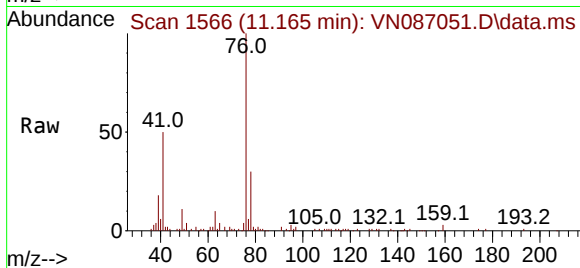
VN0617WBS01

Tgt Ion: 76 Resp: 70252

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 92.171 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087051.D

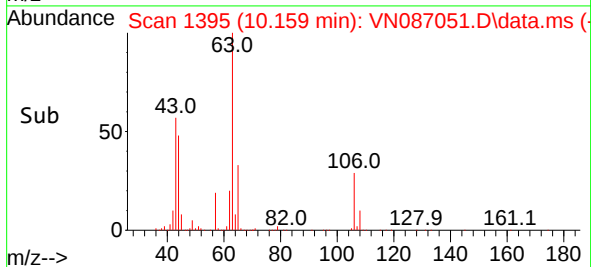
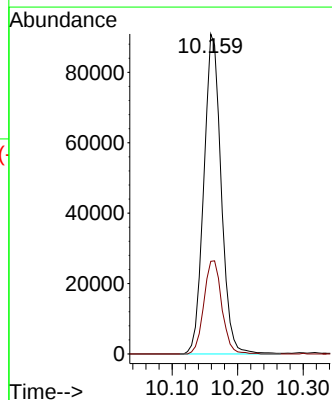
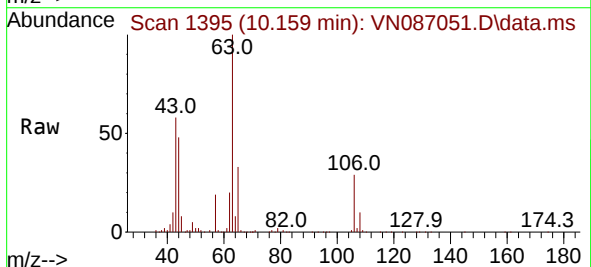
Acq: 17 Jun 2025 11:59

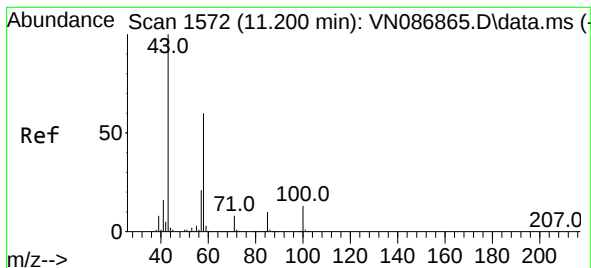
Tgt Ion: 63 Resp: 167427

Ion Ratio Lower Upper

63 100

106 30.0 23.0 34.6

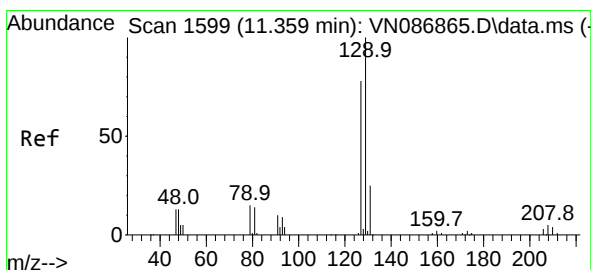
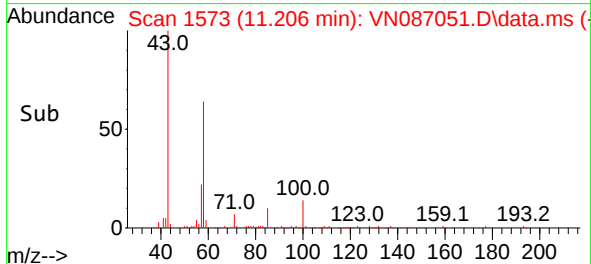
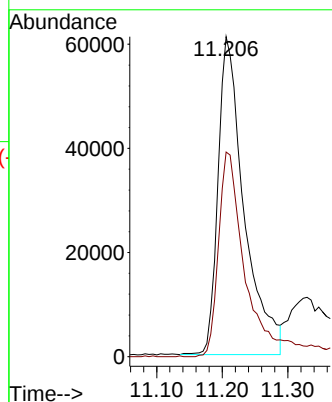
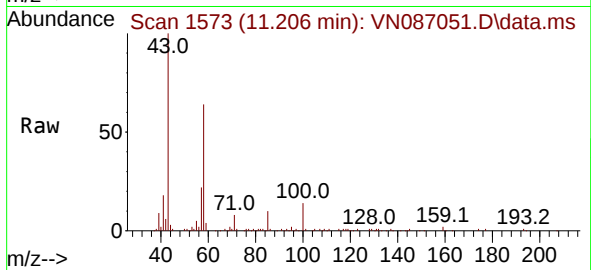




#59
2-Hexanone
Concen: 85.432 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

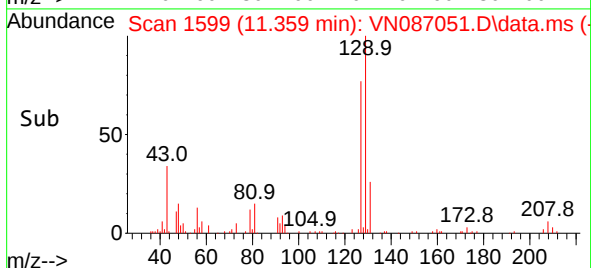
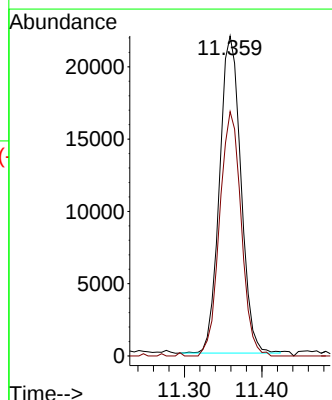
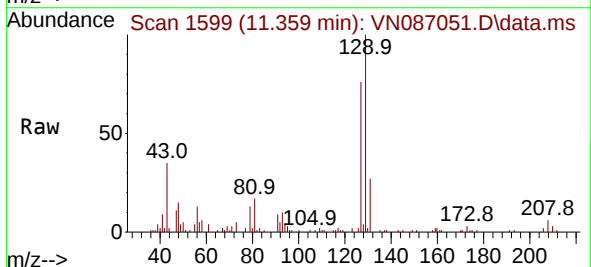
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

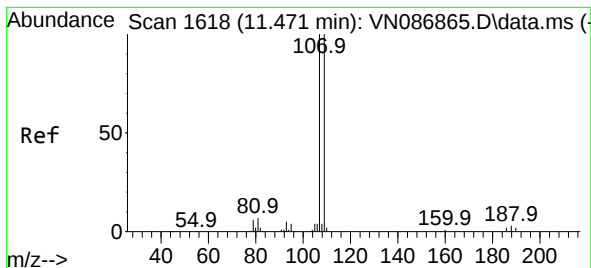
Tgt Ion: 43 Resp: 168311
Ion Ratio Lower Upper
43 100
58 66.2 30.4 91.3



#60
Dibromochloromethane
Concen: 21.087 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 129 Resp: 42009
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

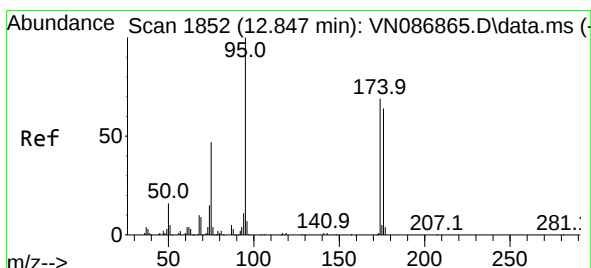
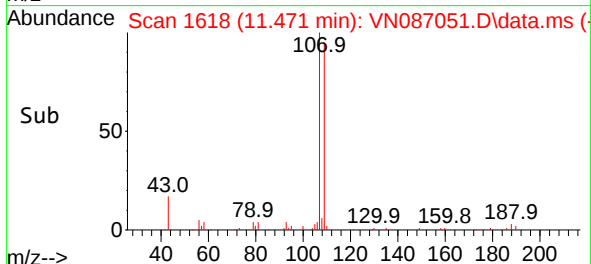
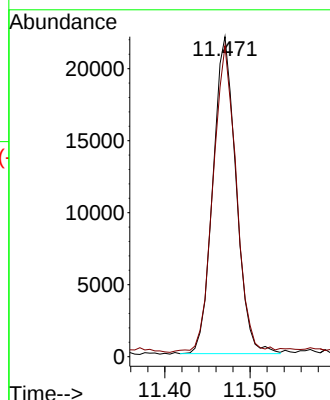
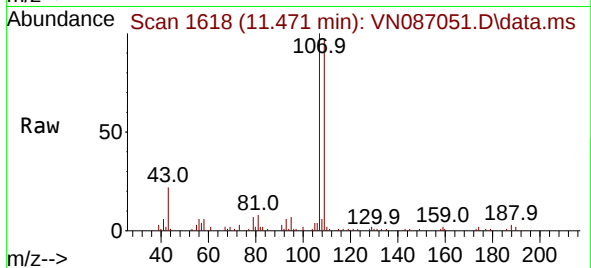




#61
1,2-Dibromoethane
Concen: 21.135 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

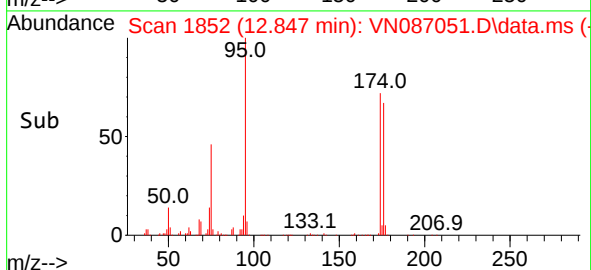
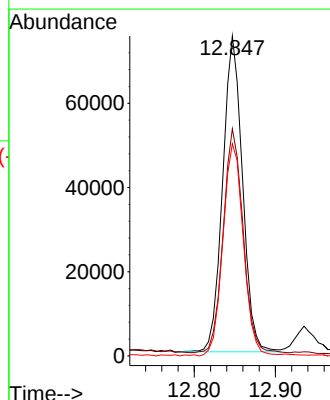
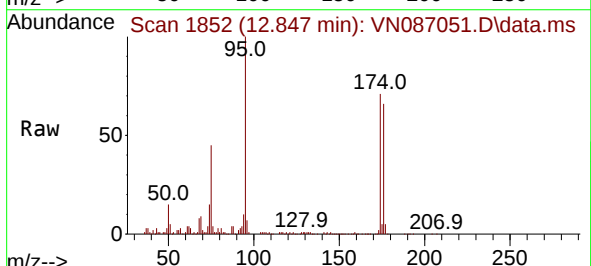
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

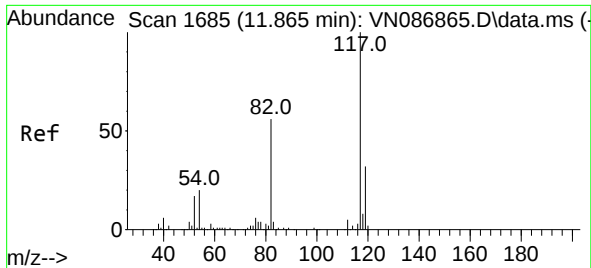
Tgt Ion:107 Resp: 41422
Ion Ratio Lower Upper
107 100
109 98.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.754 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 95 Resp: 127024
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 69.4 0.0 132.6

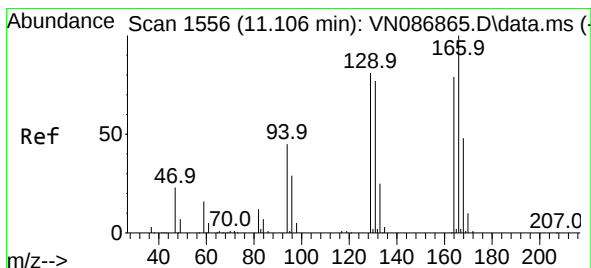
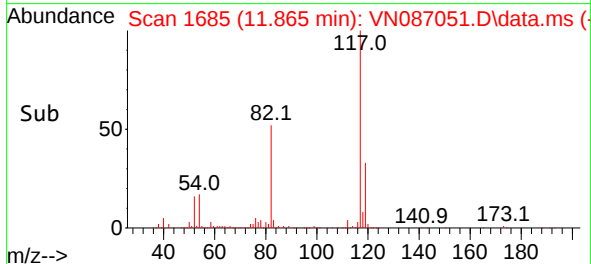
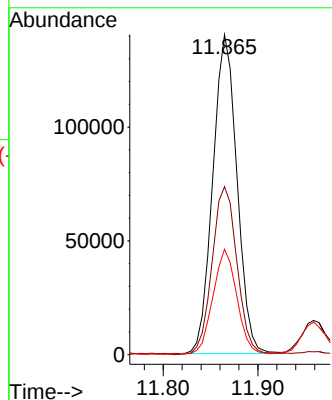
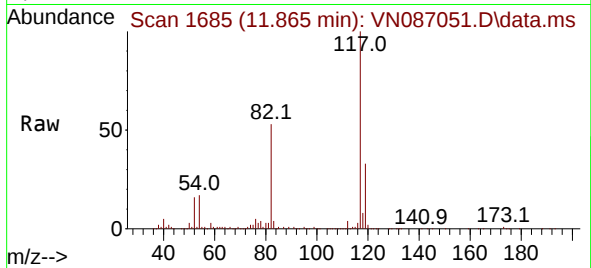




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

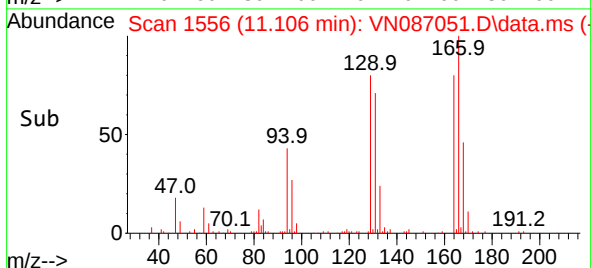
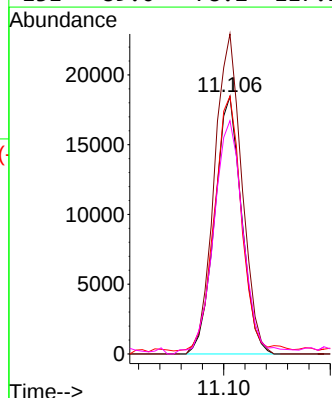
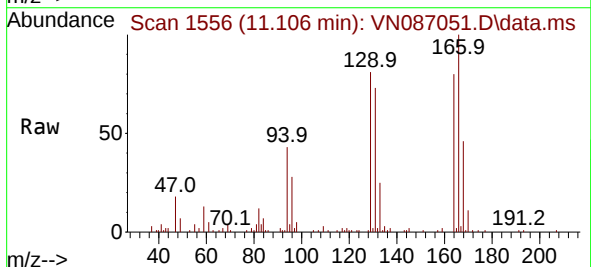
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

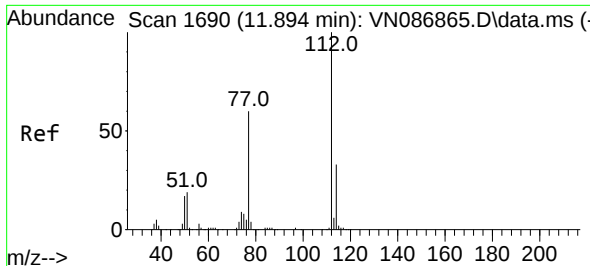
Tgt Ion:117 Resp: 248700
Ion Ratio Lower Upper
117 100
82 52.6 44.6 67.0
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.459 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:164 Resp: 32201
Ion Ratio Lower Upper
164 100
166 124.3 101.8 152.8
129 98.7 83.0 124.4
131 89.0 78.2 117.2

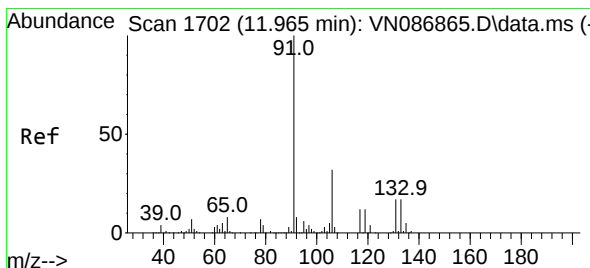
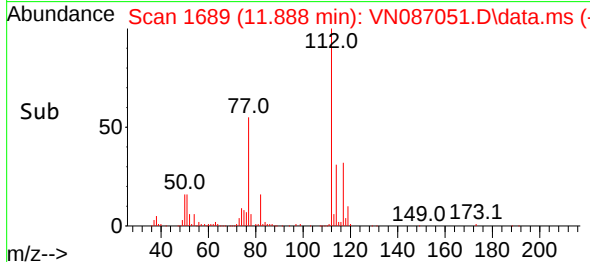
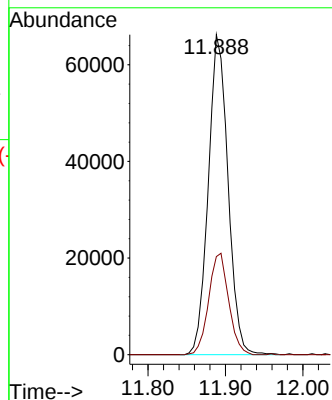
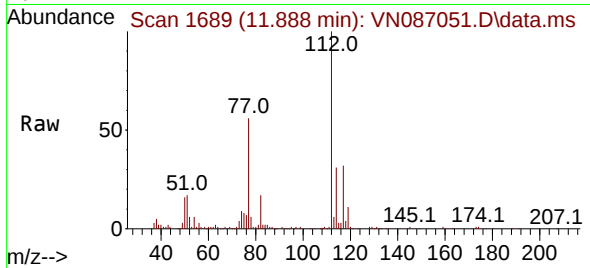




#65
Chlorobenzene
Concen: 21.333 ug/l
RT: 11.888 min Scan# 117016
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

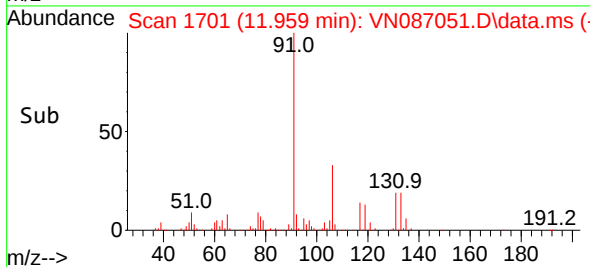
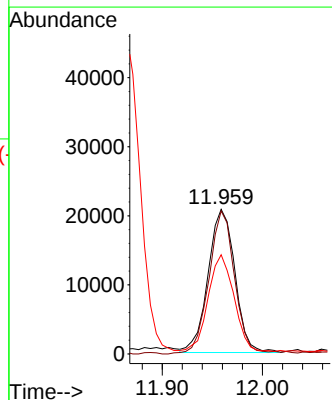
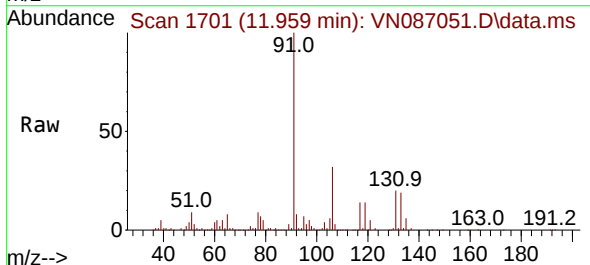
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

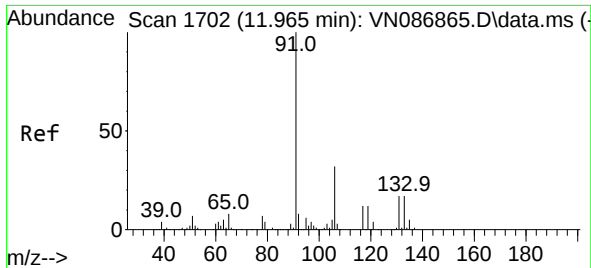
Tgt Ion:112 Resp: 117016
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.939 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:131 Resp: 38683
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.8
119 64.7 34.0 101.8

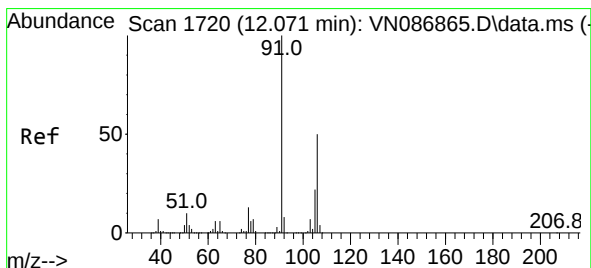
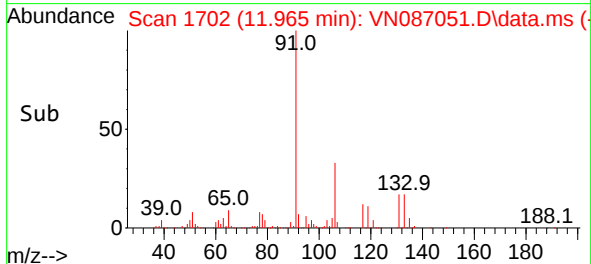
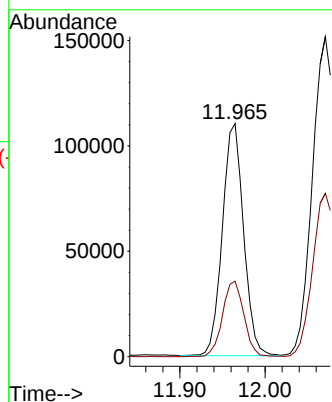
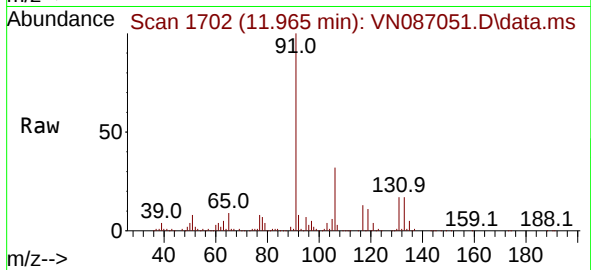




#67
Ethyl Benzene
Concen: 20.235 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

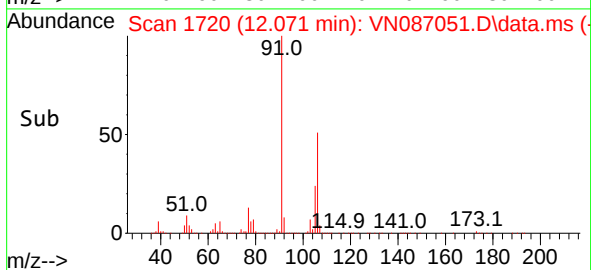
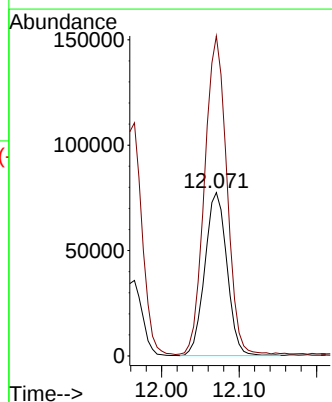
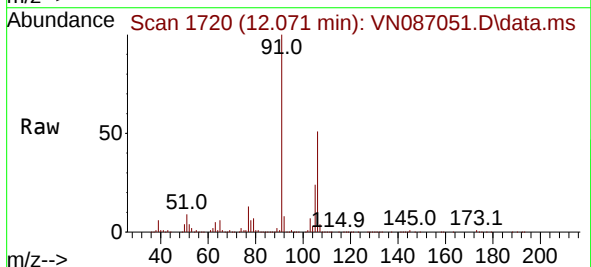
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

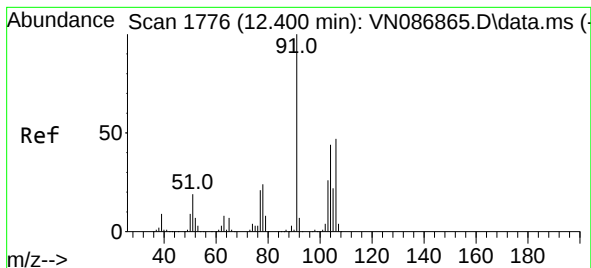
Tgt Ion: 91 Resp: 191185
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 42.393 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:106 Resp: 153323
Ion Ratio Lower Upper
106 100
91 195.8 159.4 239.0





#69

o-Xylene

Concen: 21.564 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

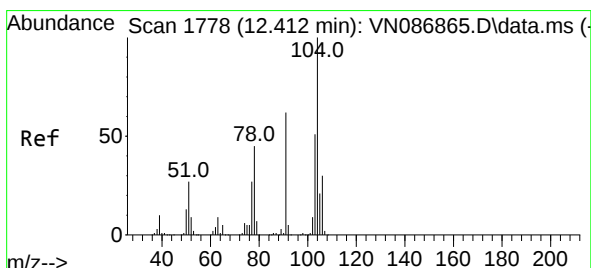
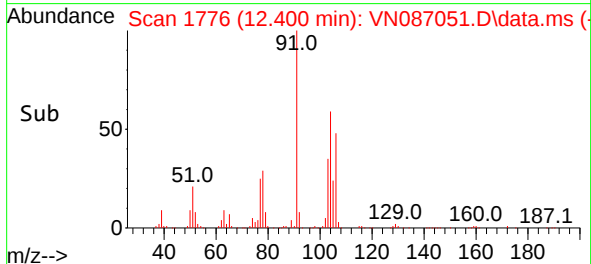
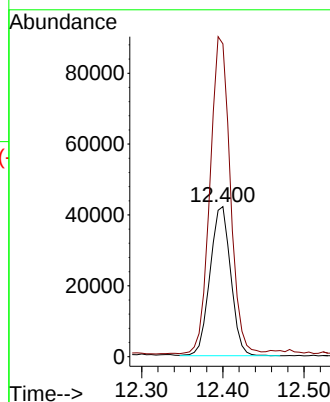
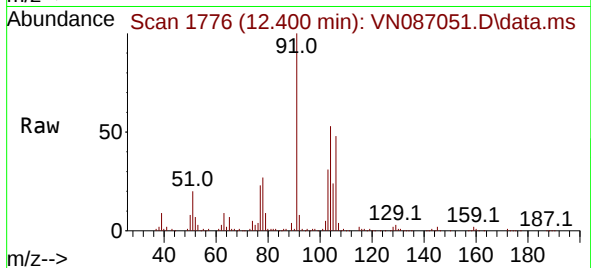
VN0617WBS01

Tgt Ion:106 Resp: 74694

Ion Ratio Lower Upper

106 100

91 207.7 106.1 318.1



#70

Styrene

Concen: 21.862 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

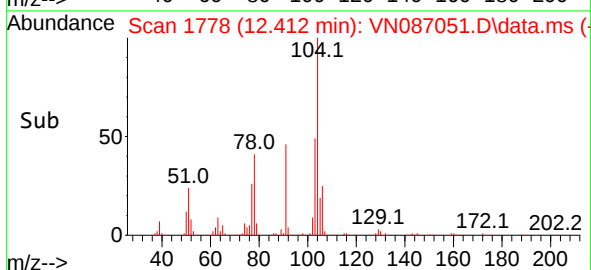
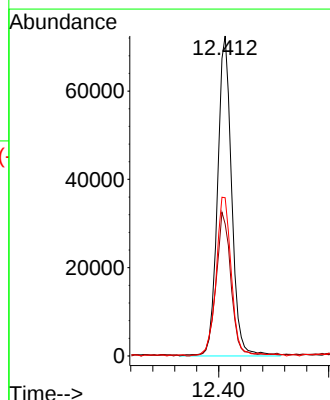
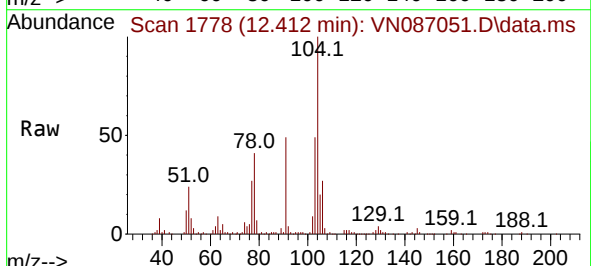
Tgt Ion:104 Resp: 129584

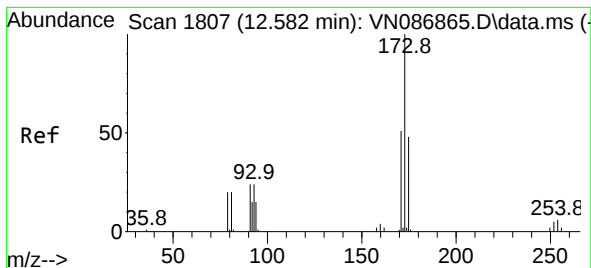
Ion Ratio Lower Upper

104 100

78 46.1 38.5 57.7

103 53.0 43.1 64.7





#71

Bromoform

Concen: 21.592 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

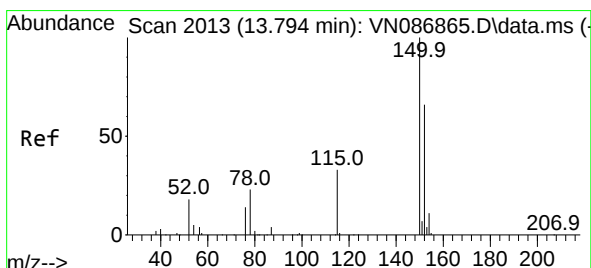
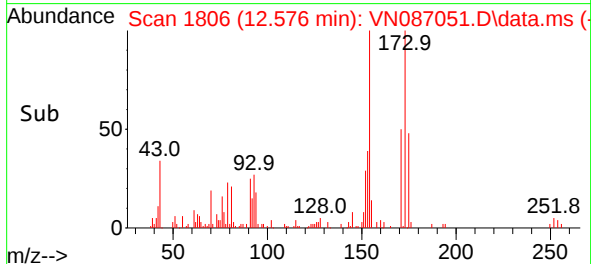
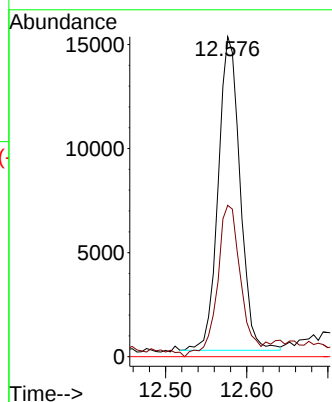
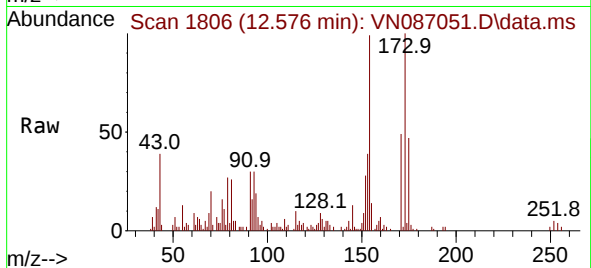
Tgt Ion:173 Resp: 28209

Ion Ratio Lower Upper

173 100

175 51.6 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

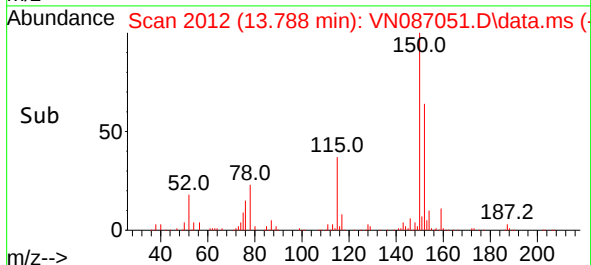
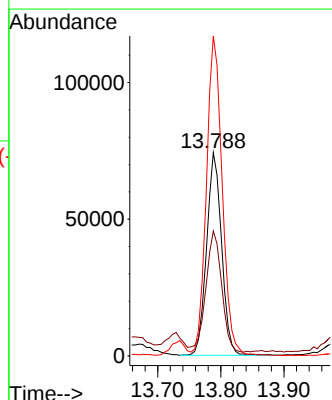
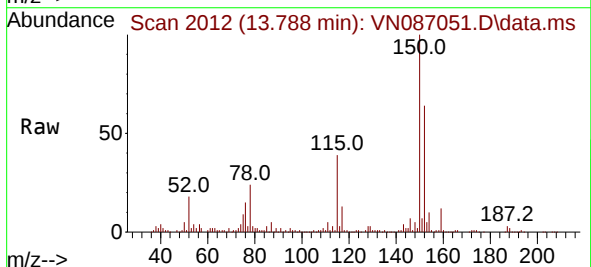
Tgt Ion:152 Resp: 122529

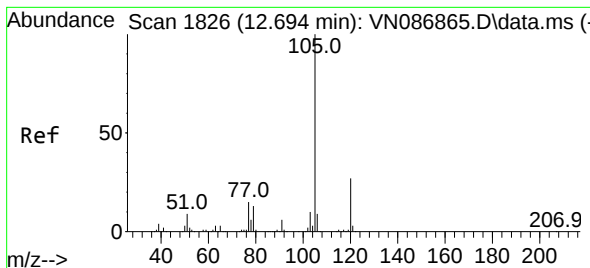
Ion Ratio Lower Upper

152 100

115 62.2 30.1 90.5

150 165.2 0.0 345.0





#73

Isopropylbenzene

Concen: 20.505 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

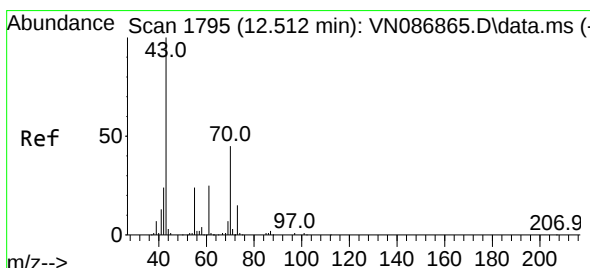
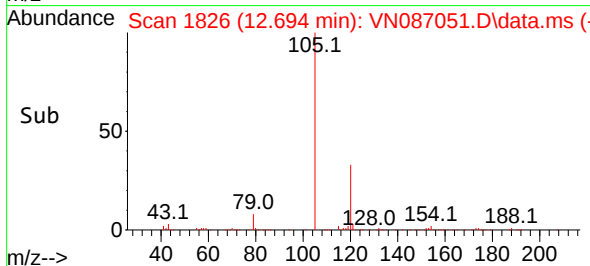
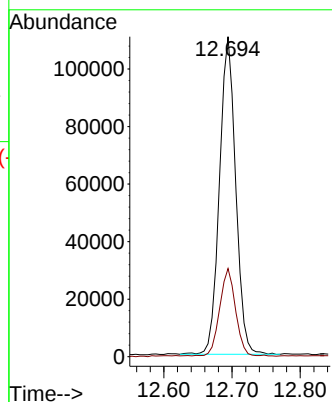
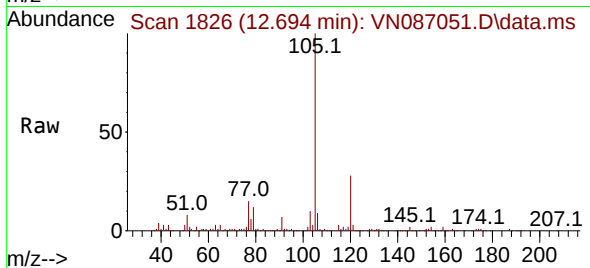
VN0617WBS01

Tgt Ion:105 Resp: 183037

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 8.376 ug/l

RT: 12.547 min Scan# 1801

Delta R.T. 0.035 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Tgt Ion: 43 Resp: 26127

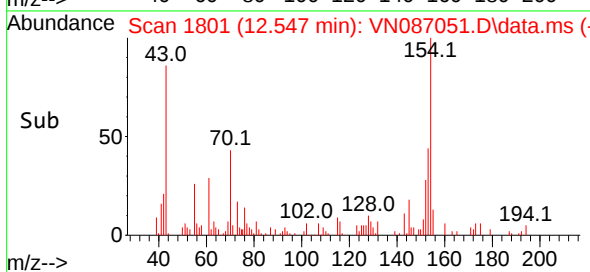
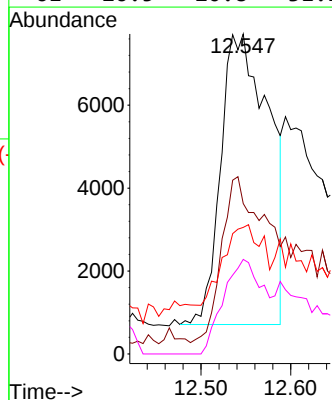
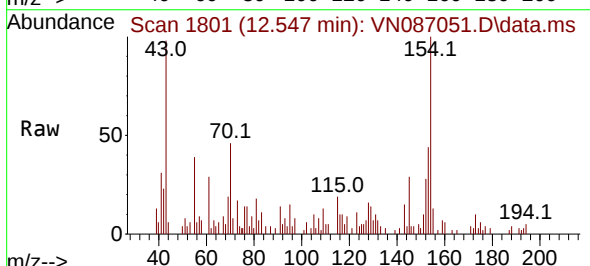
Ion Ratio Lower Upper

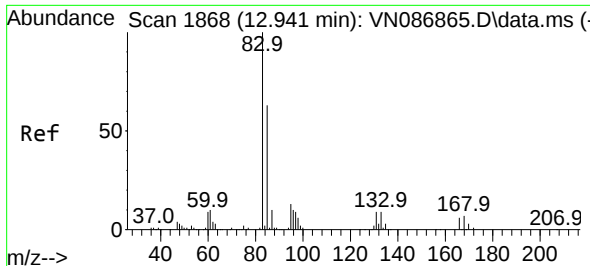
43 100

70 59.9 37.6 56.4#

55 22.4 19.0 28.6

61 26.5 20.8 31.2

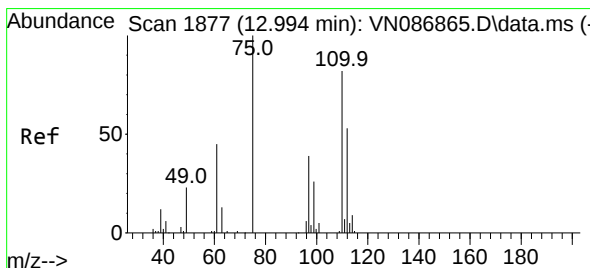
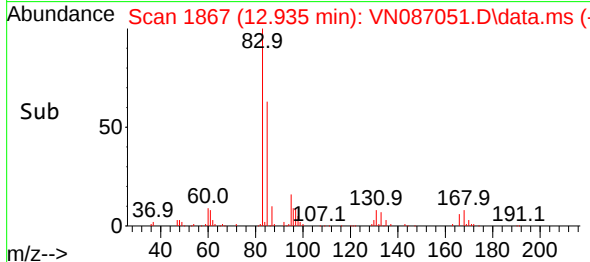
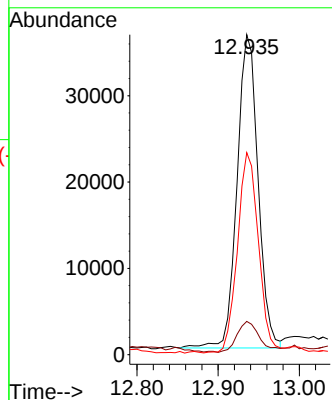
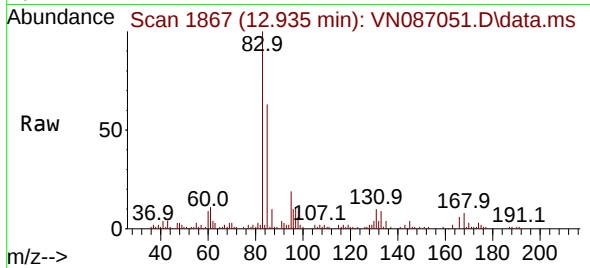




#75
1,1,2,2-Tetrachloroethane
Concen: 21.484 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

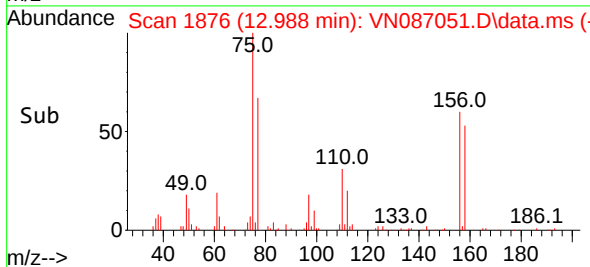
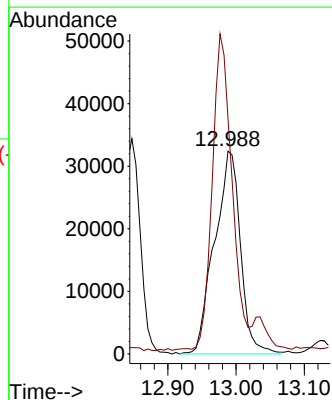
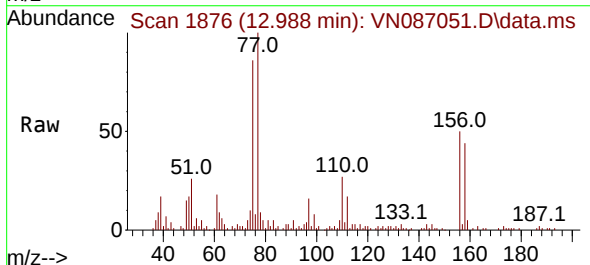
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

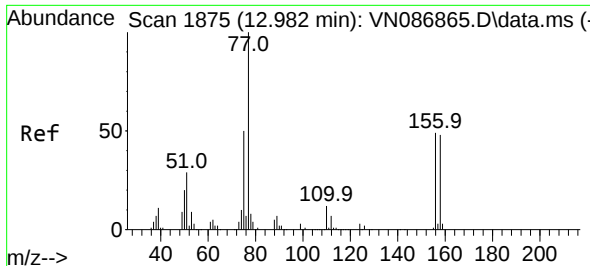
Tgt Ion: 83 Resp: 64970
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 64.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 29.442 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 75 Resp: 85752
Ion Ratio Lower Upper
75 100
77 118.6 79.3 237.9

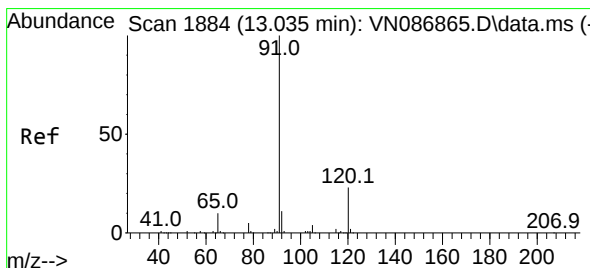
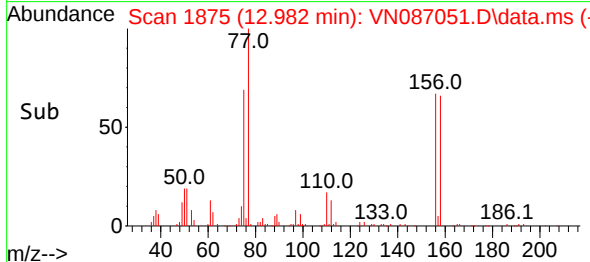
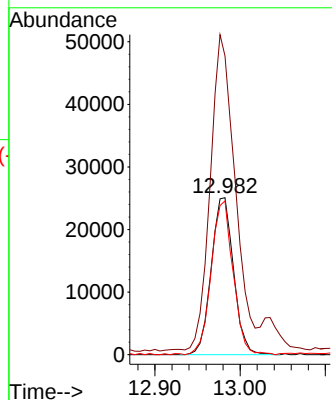
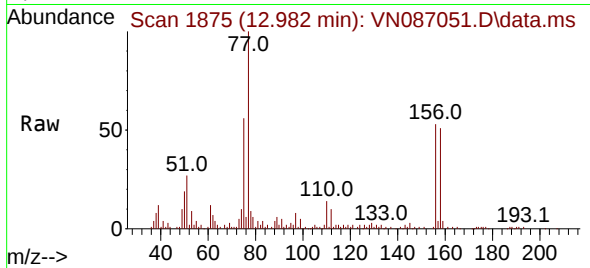




#77
Bromobenzene
Concen: 22.254 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

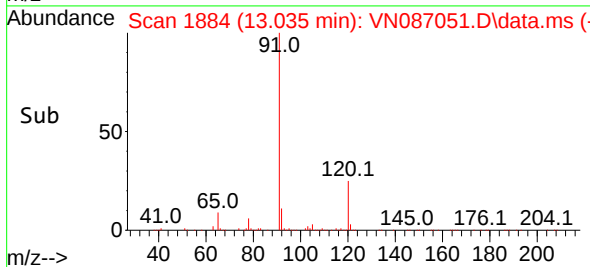
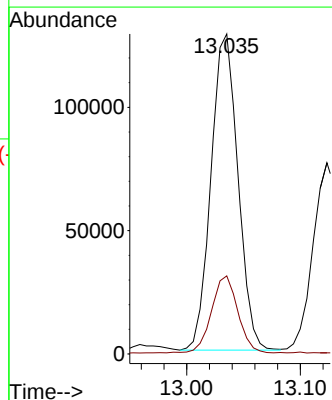
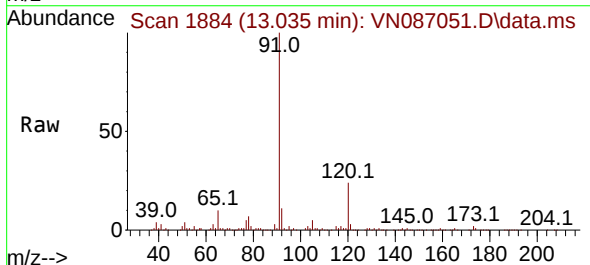
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

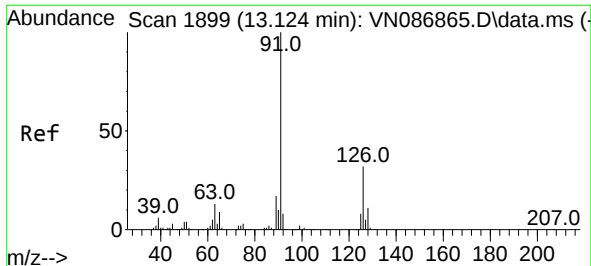
Tgt Ion:156 Resp: 45556
Ion Ratio Lower Upper
156 100
77 223.2 117.7 353.1
158 96.6 48.1 144.4



#78
n-propylbenzene
Concen: 19.492 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 91 Resp: 211448
Ion Ratio Lower Upper
91 100
120 24.7 11.4 34.2

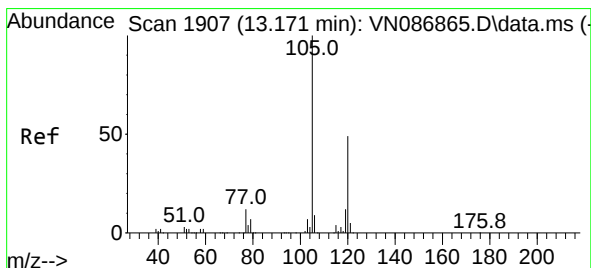
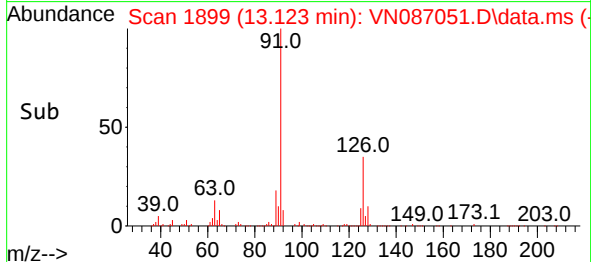
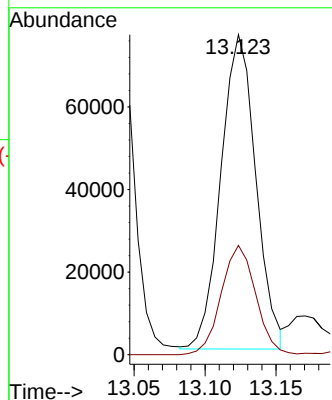
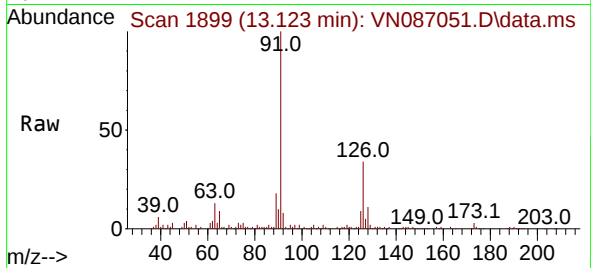




#79
2-Chlorotoluene
Concen: 19.991 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

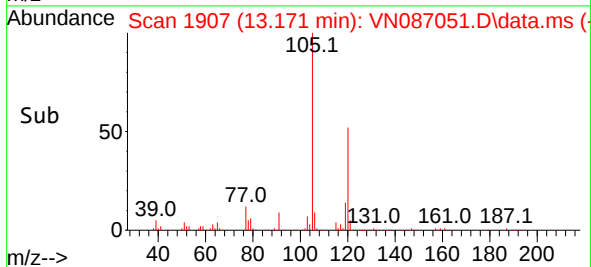
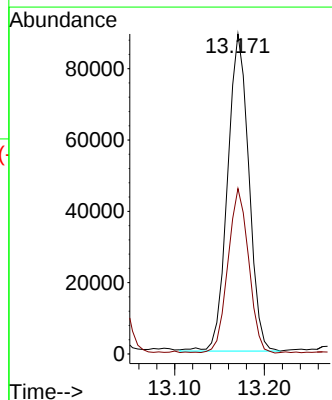
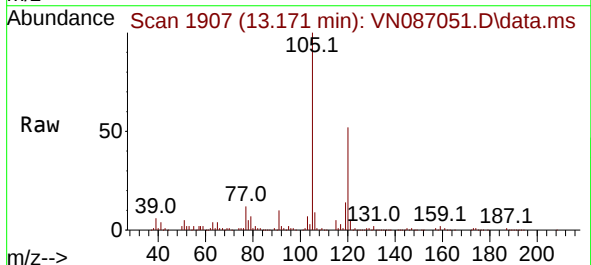
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion: 91 Resp: 130050
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 19.853 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 105 Resp: 146312
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6

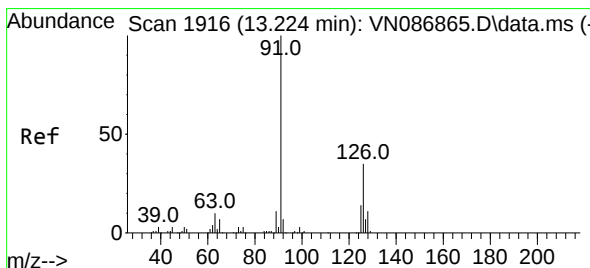
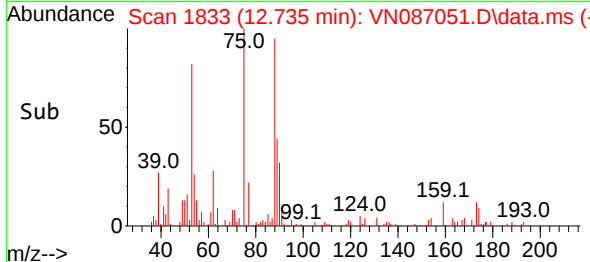
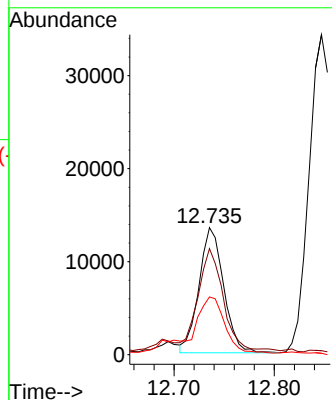
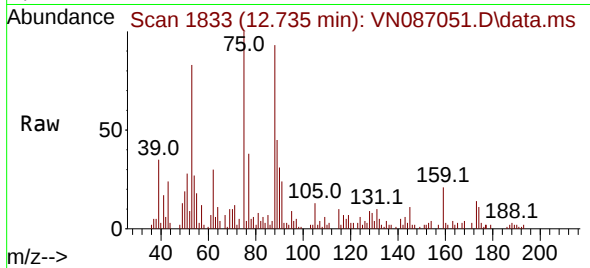




#81
trans-1,4-Dichloro-2-butene
Concen: 18.159 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

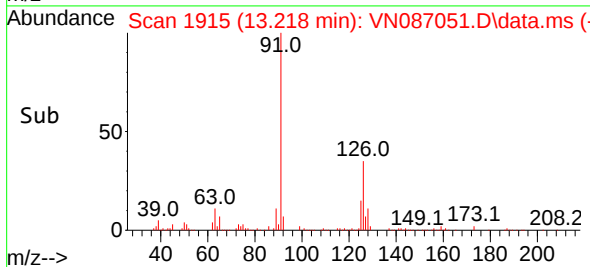
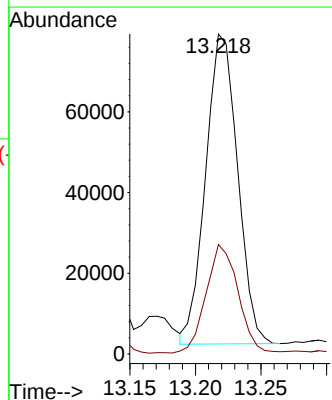
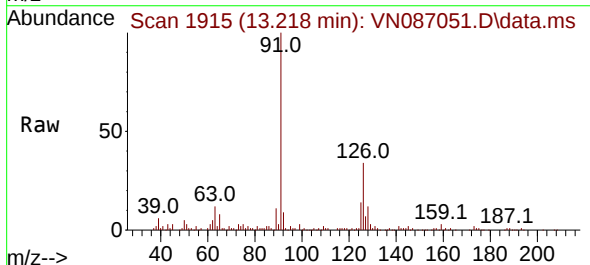
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

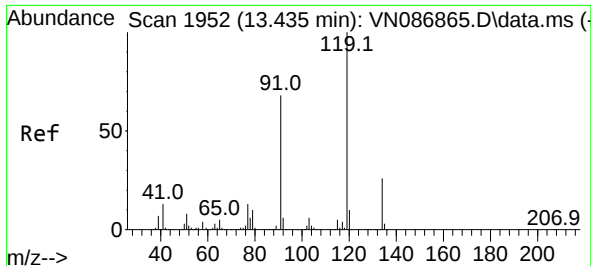
Tgt Ion: 75 Resp: 22976
Ion Ratio Lower Upper
75 100
53 84.5 66.6 99.8
89 61.8 36.7 55.1#



#82
4-Chlorotoluene
Concen: 19.795 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 91 Resp: 130303
Ion Ratio Lower Upper
91 100
126 35.6 16.7 50.1

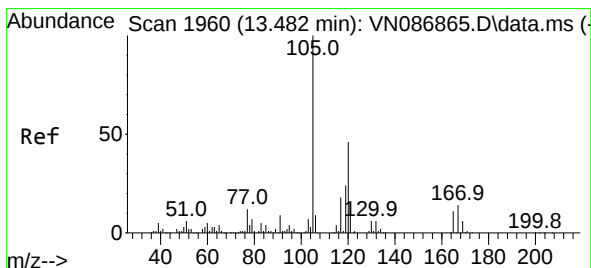
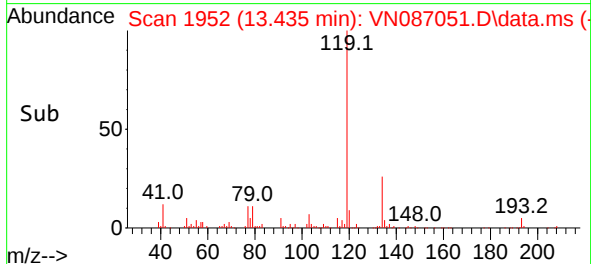
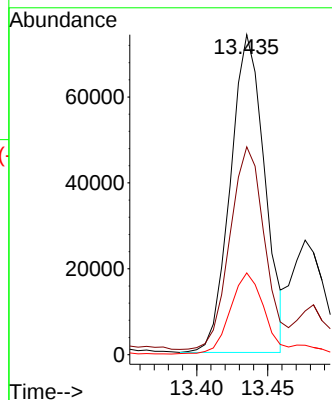
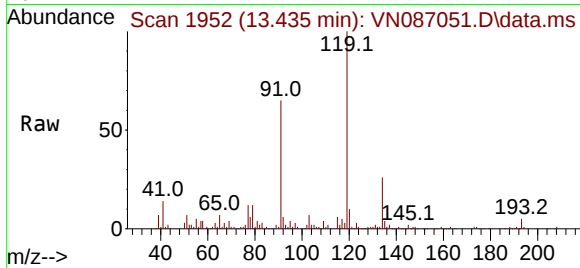




#83
tert-Butylbenzene
Concen: 18.462 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

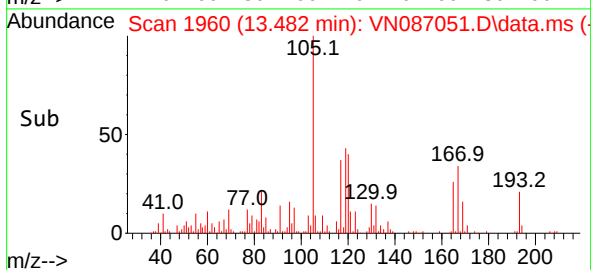
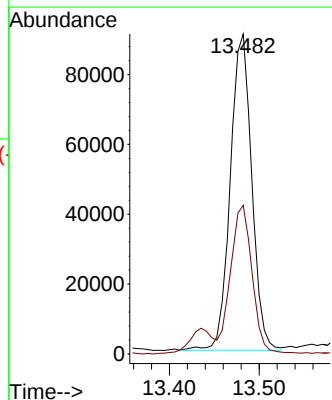
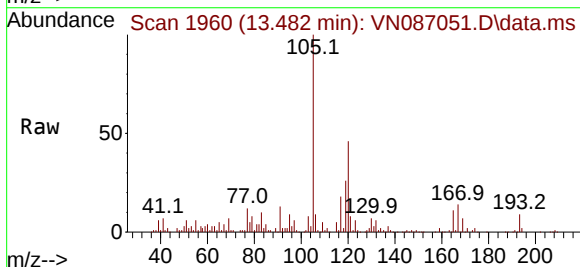
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

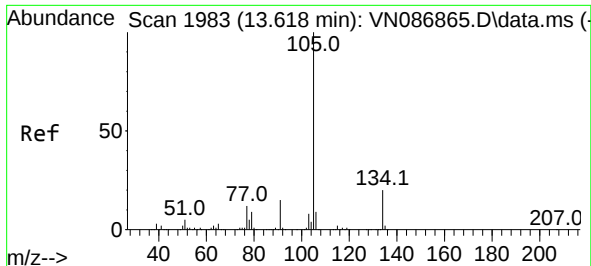
Tgt Ion:119 Resp: 124546
Ion Ratio Lower Upper
119 100
91 64.8 32.1 96.5
134 25.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.334 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:105 Resp: 150274
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

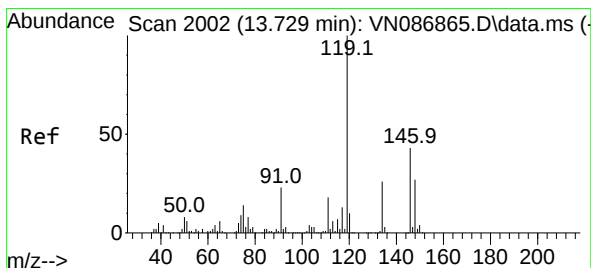
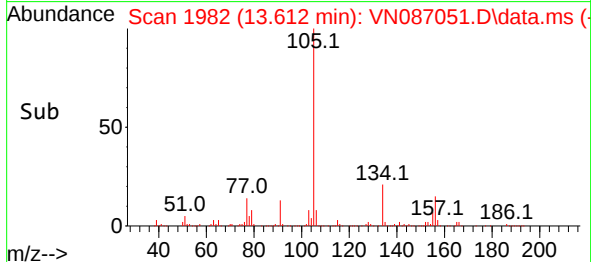
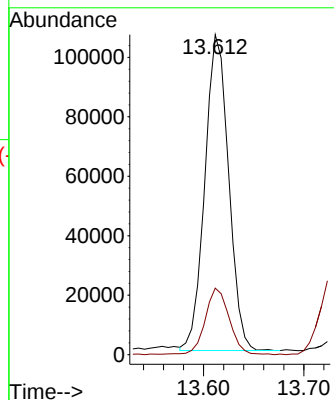
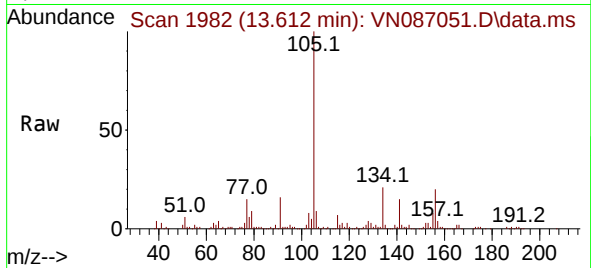




#85
 sec-Butylbenzene
 Concen: 17.887 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

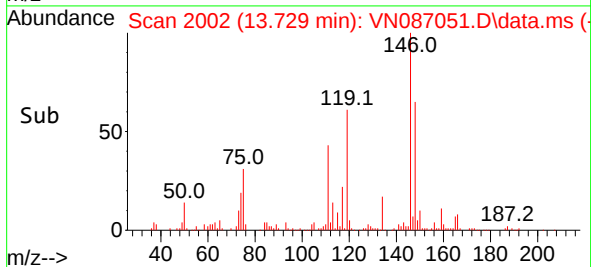
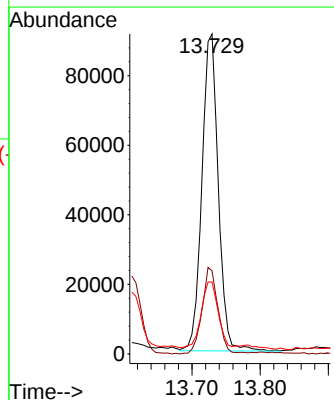
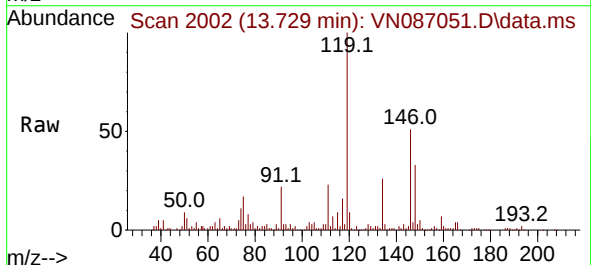
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

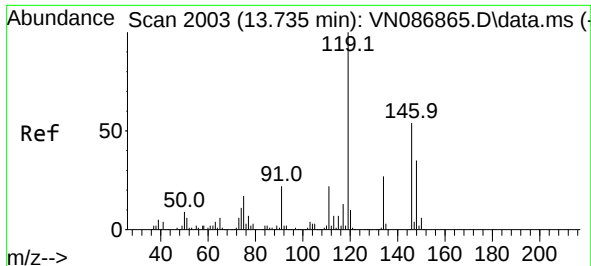
Tgt Ion:105 Resp: 175237
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 18.841 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

Tgt Ion:119 Resp: 152581
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.2 11.5 34.4

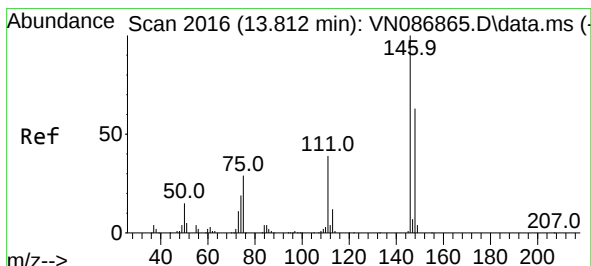
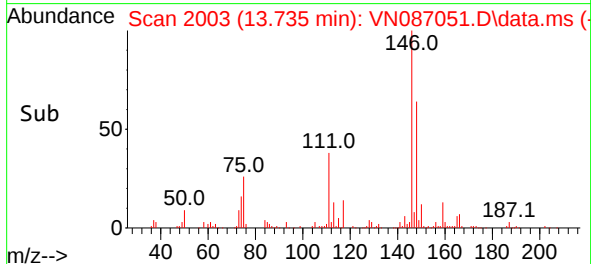
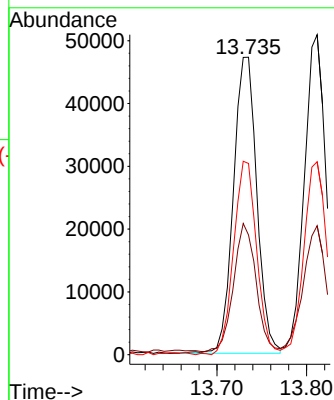
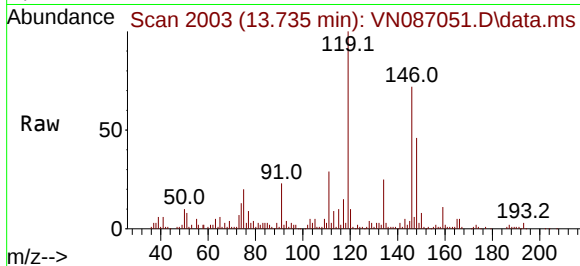




#87
 1,3-Dichlorobenzene
 Concen: 21.216 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

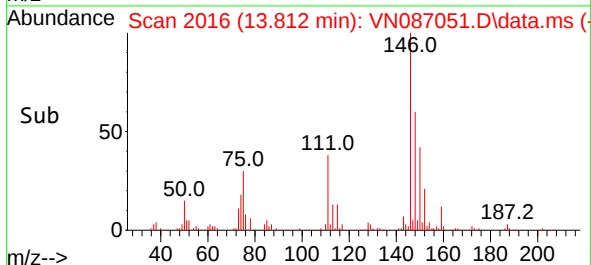
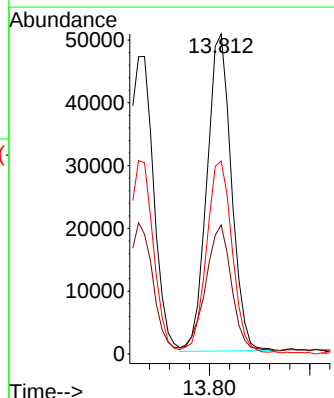
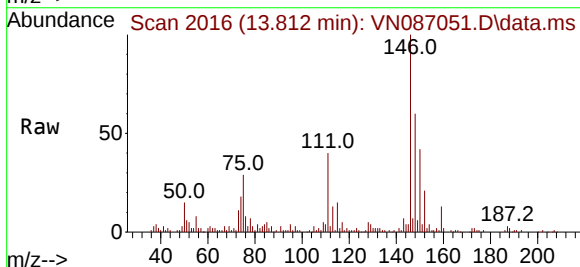
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

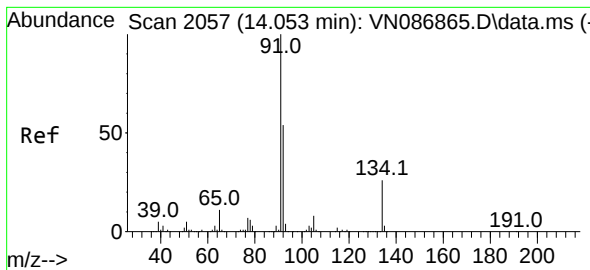
Tgt Ion:146 Resp: 85450
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.893 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087051.D
 Acq: 17 Jun 2025 11:59

Tgt Ion:146 Resp: 85795
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.9 59.7
 148 65.2 31.8 95.4





#89

n-Butylbenzene

Concen: 16.188 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087051.D

Acq: 17 Jun 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS01

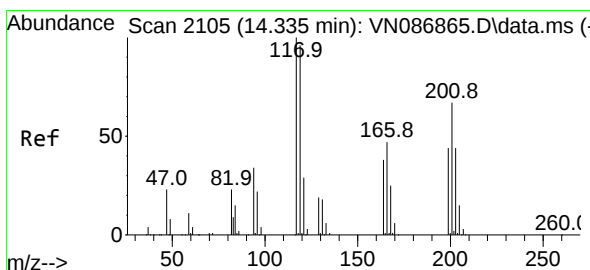
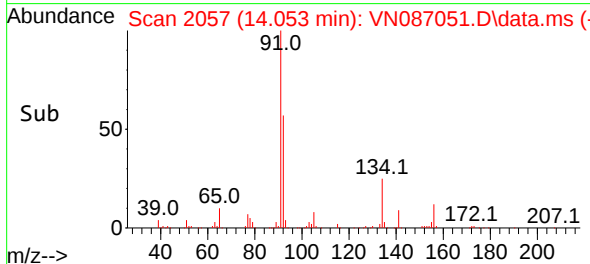
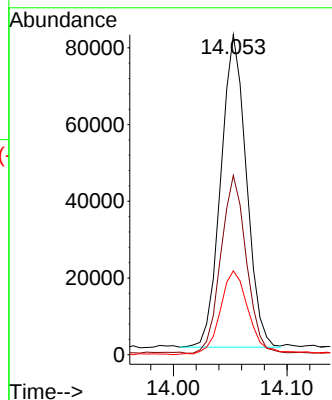
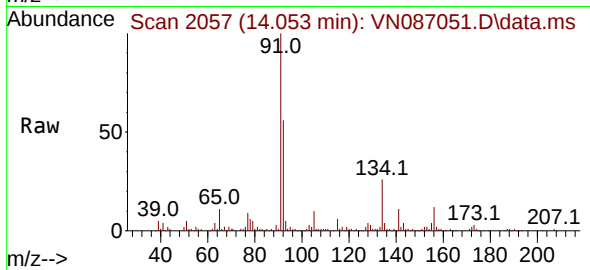
Tgt Ion: 91 Resp: 126981

Ion Ratio Lower Upper

91 100

92 56.6 27.5 82.4

134 30.8 13.0 39.0



#90

Hexachloroethane

Concen: 18.160 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN087051.D

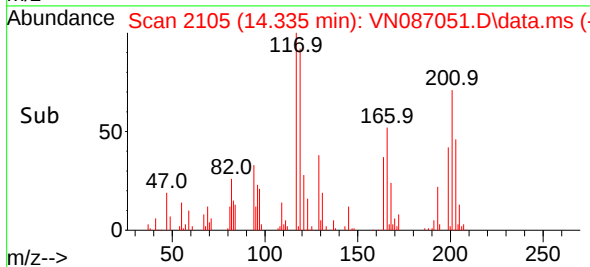
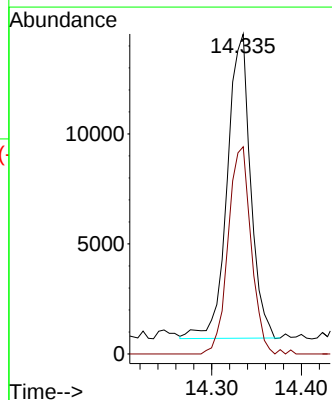
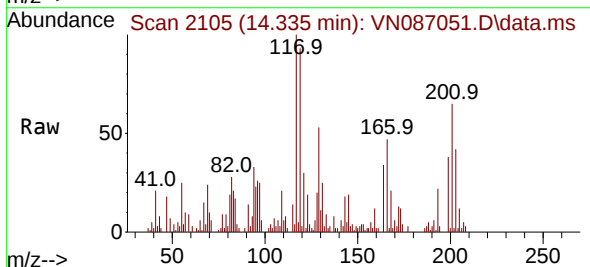
Acq: 17 Jun 2025 11:59

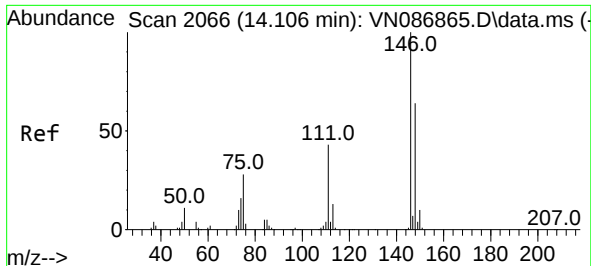
Tgt Ion: 117 Resp: 24929

Ion Ratio Lower Upper

117 100

201 67.0 33.2 99.6

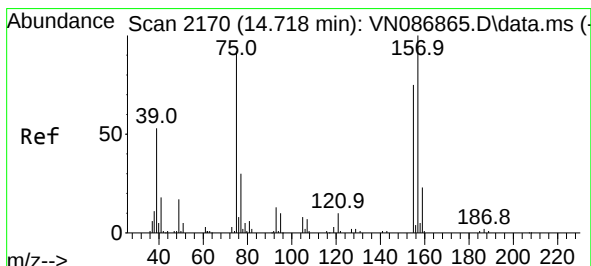
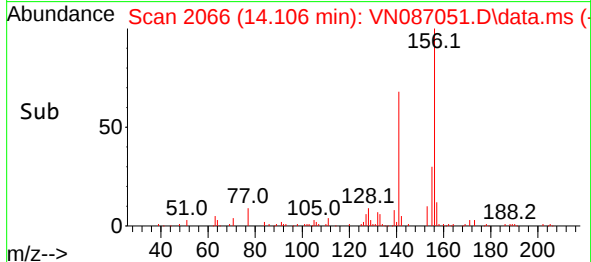
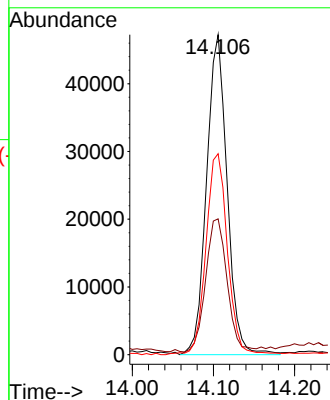
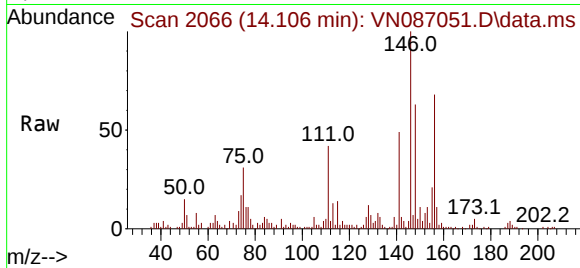




#91
1,2-Dichlorobenzene
Concen: 21.467 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

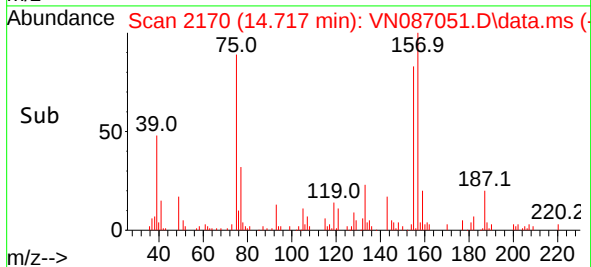
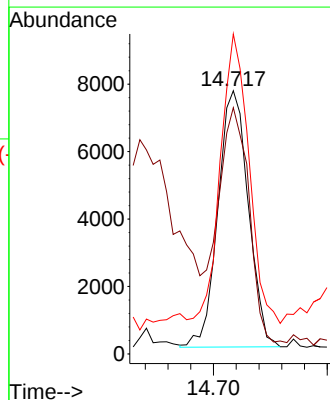
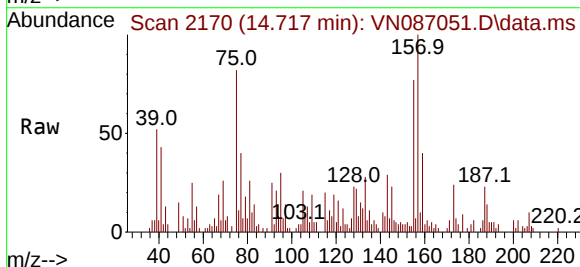
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

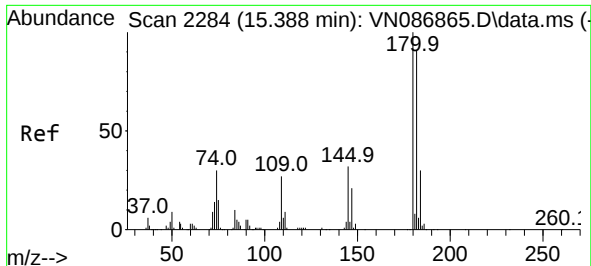
Tgt Ion:146 Resp: 83067
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 65.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.510 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion: 75 Resp: 14110
Ion Ratio Lower Upper
75 100
155 95.6 41.1 123.4
157 105.5 52.7 158.1

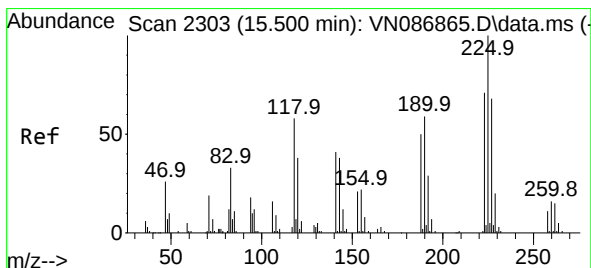
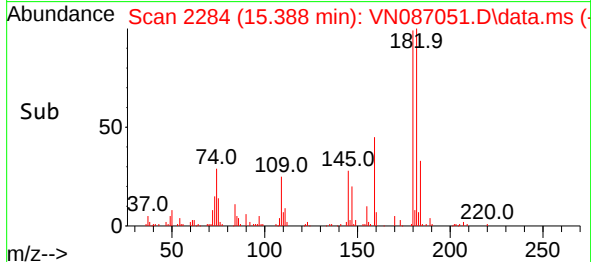
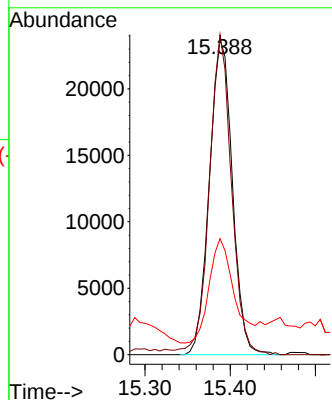
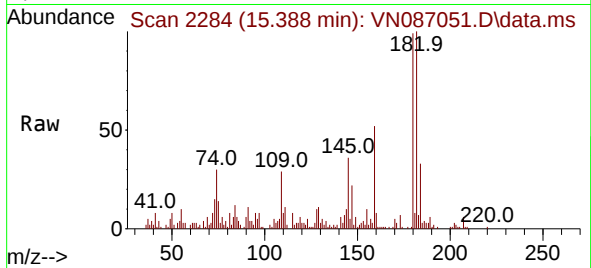




#93
1,2,4-Trichlorobenzene
Concen: 17.983 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

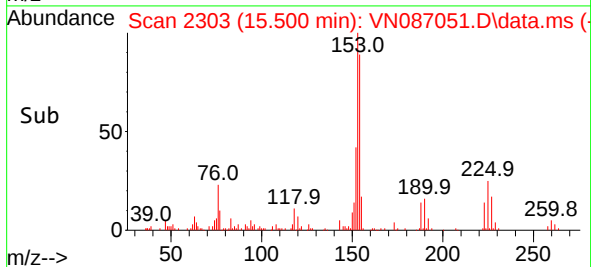
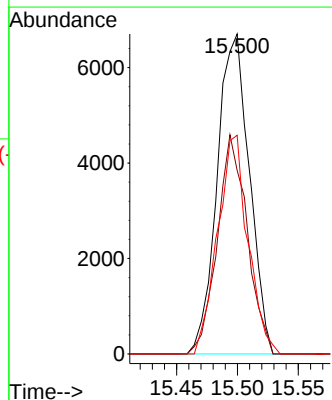
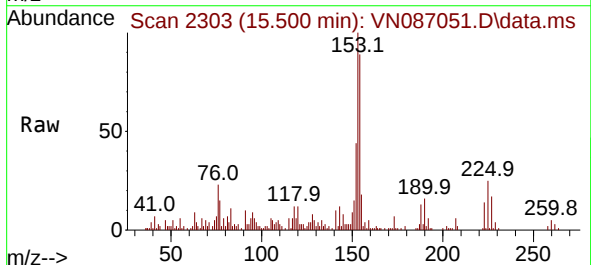
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

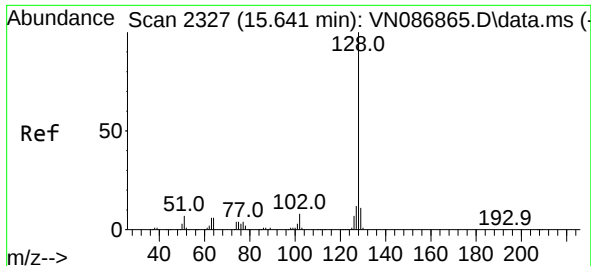
Tgt Ion:180 Resp: 44436
Ion Ratio Lower Upper
180 100
182 98.0 46.9 140.7
145 36.0 16.0 47.9



#94
Hexachlorobutadiene
Concen: 13.396 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:225 Resp: 12332
Ion Ratio Lower Upper
225 100
223 63.5 33.5 100.4
227 64.5 31.1 93.5

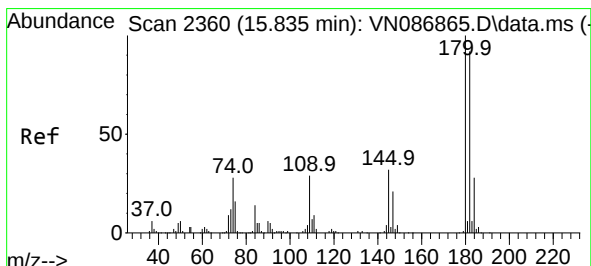
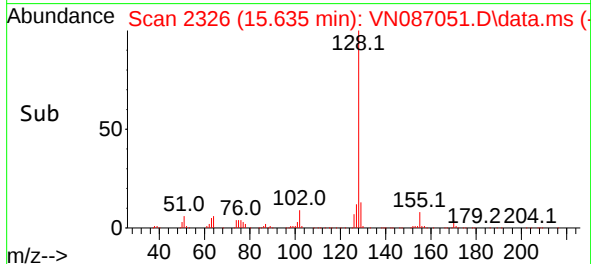
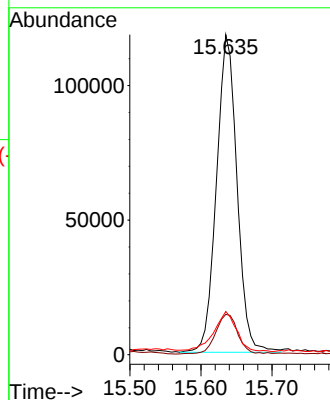
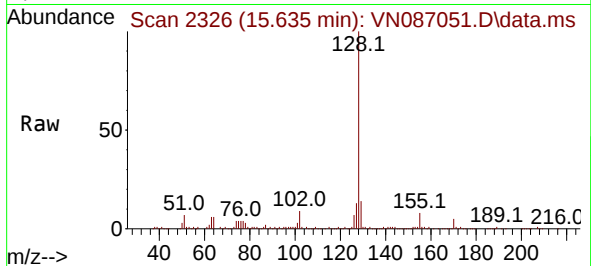




#95
Naphthalene
Concen: 25.772 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS01

Tgt Ion:128 Resp: 237029
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 14.3 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 17.214 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087051.D
Acq: 17 Jun 2025 11:59

Tgt Ion:180 Resp: 42260
Ion Ratio Lower Upper
180 100
182 97.7 47.0 141.0
145 35.6 16.6 49.8

