

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087505.D
 Acq On : 12 Aug 2025 11:42
 Operator : JC\MD
 Sample : VN0812WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 03:00:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	292778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	576676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	523240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	264919	53.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.660%	
35) Dibromofluoromethane	8.153	113	178267	44.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.620%	
50) Toluene-d8	10.547	98	655005	46.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.320%	
62) 4-Bromofluorobenzene	12.829	95	255516	48.740	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68991	22.186	ug/l	87
3) Chloromethane	2.389	50	70909	18.133	ug/l	93
4) Vinyl Chloride	2.542	62	75107	19.327	ug/l	91
5) Bromomethane	2.977	94	39856	19.805	ug/l	95
6) Chloroethane	3.142	64	51562	20.345	ug/l	94
7) Trichlorofluoromethane	3.512	101	111797	19.455	ug/l	100
8) Diethyl Ether	3.959	74	49528	22.219	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57454	19.477	ug/l	95
10) Methyl Iodide	4.583	142	30990	14.693	ug/l #	88
11) Tert butyl alcohol	5.518	59	96731	102.547	ug/l	97
12) 1,1-Dichloroethene	4.342	96	62167	18.597	ug/l	99
13) Acrolein	4.177	56	99159	130.989	ug/l	100
14) Allyl chloride	5.012	41	122600	20.266	ug/l	93
15) Acrylonitrile	5.712	53	247530	96.703	ug/l	99
16) Acetone	4.430	43	249332	107.043	ug/l	95
17) Carbon Disulfide	4.706	76	181331	18.297	ug/l #	90
18) Methyl Acetate	5.018	43	125027	21.365	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	268531	21.794	ug/l	99
20) Methylene Chloride	5.265	84	77076	19.180	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	72010	19.105	ug/l	94
22) Diisopropyl ether	6.659	45	271606	21.404	ug/l	95
23) Vinyl Acetate	6.594	43	1258088	113.358	ug/l	98
24) 1,1-Dichloroethane	6.559	63	147450	20.141	ug/l	99
25) 2-Butanone	7.471	43	354546	98.514	ug/l	97
26) 2,2-Dichloropropane	7.471	77	130032	22.845	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	89561	20.639	ug/l	93
28) Bromochloromethane	7.800	49	68027	19.415	ug/l	93
29) Tetrahydrofuran	7.830	42	238378	101.959	ug/l	97
30) Chloroform	7.953	83	151851	20.722	ug/l	96
31) Cyclohexane	8.241	56	119834	19.621	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	128806	20.295	ug/l	98
36) 1,1-Dichloropropene	8.359	75	100577	19.137	ug/l	98
37) Ethyl Acetate	7.547	43	140369	18.493	ug/l	98
38) Carbon Tetrachloride	8.347	117	102118	17.639	ug/l	97
39) Methylcyclohexane	9.582	83	110560	19.431	ug/l	98
40) Benzene	8.588	78	310818	18.299	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	78542	19.790	ug/l	96
42) 1,2-Dichloroethane	8.653	62	128218	19.905	ug/l	98
43) Isopropyl Acetate	8.677	43	233840	19.846	ug/l	98
44) Trichloroethene	9.335	130	68578	17.087	ug/l	98
45) 1,2-Dichloropropane	9.606	63	83164	19.269	ug/l	100
46) Dibromomethane	9.688	93	58870	18.218	ug/l	95
47) Bromodichloromethane	9.871	83	122095	18.758	ug/l	94
48) Methyl methacrylate	9.665	41	109579	20.658	ug/l	92
49) 1,4-Dioxane	9.682	88	29359	361.375	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	699710	93.893	ug/l	97
52) Toluene	10.612	92	193918	18.783	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	133370	20.246	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	135073	19.851	ug/l	91
55) 1,1,2-Trichloroethane	10.994	97	77374	18.511	ug/l	98
56) Ethyl methacrylate	10.859	69	134186	19.869	ug/l	96
57) 1,3-Dichloropropane	11.147	76	135824	18.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	374162	109.124	ug/l	98
59) 2-Hexanone	11.182	43	456112	92.251	ug/l	99
60) Dibromochloromethane	11.341	129	88960	18.662	ug/l	96
61) 1,2-Dibromoethane	11.453	107	83456	18.989	ug/l	92
64) Tetrachloroethene	11.082	164	54713	16.247	ug/l	94
65) Chlorobenzene	11.870	112	209568	17.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	72668	18.192	ug/l	98
67) Ethyl Benzene	11.947	91	375225	19.403	ug/l	100
68) m/p-Xylenes	12.053	106	271778	37.530	ug/l	92
69) o-Xylene	12.376	106	135420	19.577	ug/l	94
70) Styrene	12.394	104	221910	19.070	ug/l	94
71) Bromoform	12.559	173	55211	17.109	ug/l #	99
73) Isopropylbenzene	12.676	105	345641	21.398	ug/l	96
74) N-amyl acetate	12.529	43	42929	6.397	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.917	83	120145	19.767	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	160082	27.815	ug/l	59
77) Bromobenzene	12.964	156	82729	19.748	ug/l	91
78) n-propylbenzene	13.017	91	425221	20.923	ug/l	97
79) 2-Chlorotoluene	13.106	91	253436	20.291	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	295518	21.472	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	37270	17.719	ug/l	93
82) 4-Chlorotoluene	13.200	91	273495	21.032	ug/l	96
83) tert-Butylbenzene	13.417	119	246210	21.419	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	303556	21.598	ug/l	94
85) sec-Butylbenzene	13.594	105	360000	20.792	ug/l	99
86) p-Isopropyltoluene	13.711	119	302007	21.765	ug/l	97
87) 1,3-Dichlorobenzene	13.711	146	153160	18.628	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	162894	18.550	ug/l	96
89) n-Butylbenzene	14.035	91	296535	22.381	ug/l	98
90) Hexachloroethane	14.311	117	56479	19.211	ug/l	94
91) 1,2-Dichlorobenzene	14.088	146	154034	19.776	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	29553	18.519	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	94568	20.669	ug/l	98
94) Hexachlorobutadiene	15.476	225	33941	19.964	ug/l	97
95) Naphthalene	15.617	128	323641	19.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	87388	19.041	ug/l	99

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MSVOA_N
ClientSampleId :
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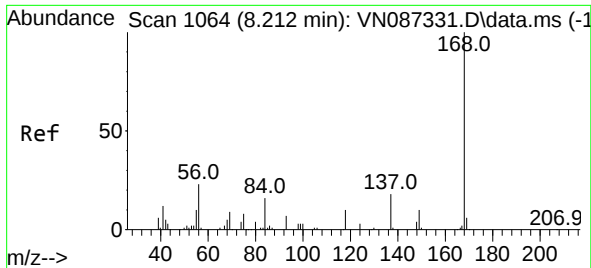
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

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

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

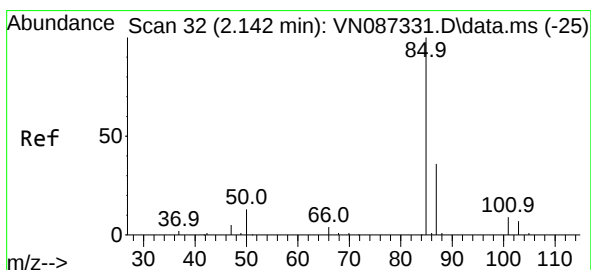
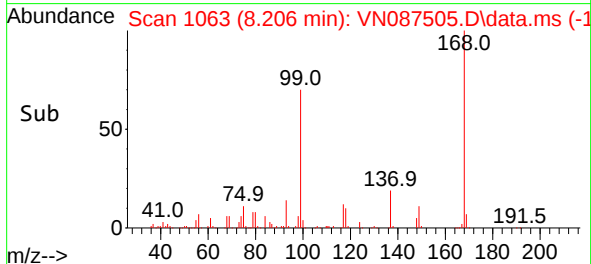
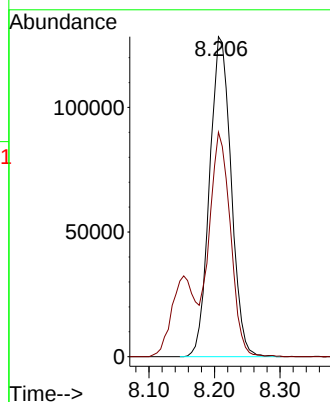
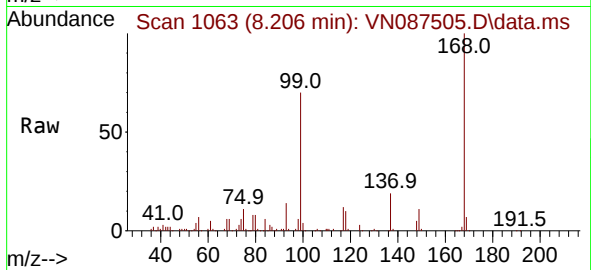
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

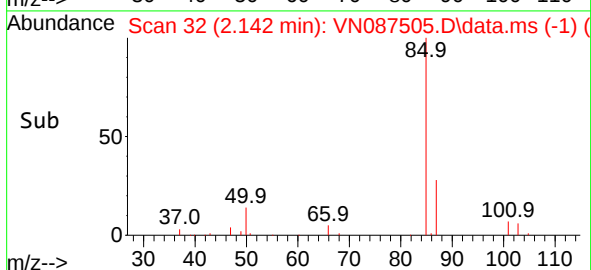
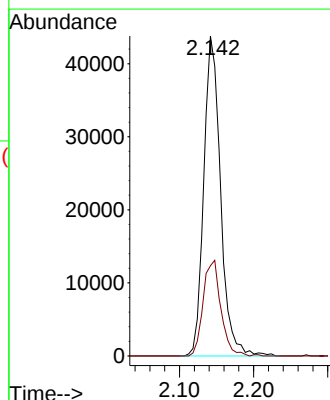
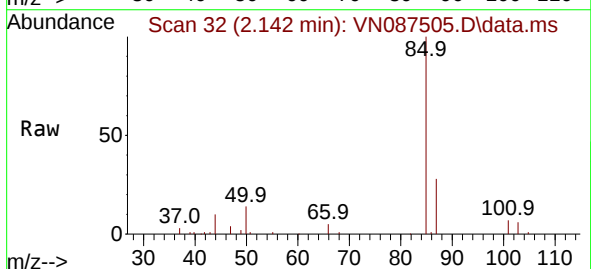
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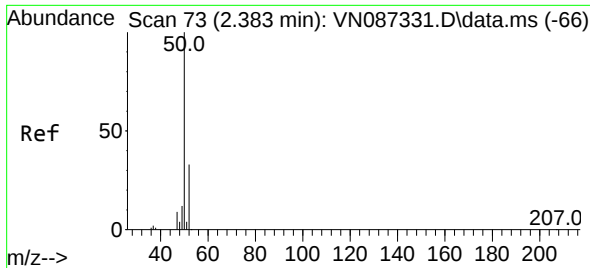
Tgt Ion:168 Resp: 292778
Ion Ratio Lower Upper
168 100
99 70.0 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 22.186 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 85 Resp: 68991
Ion Ratio Lower Upper
85 100
87 28.2 17.8 53.3

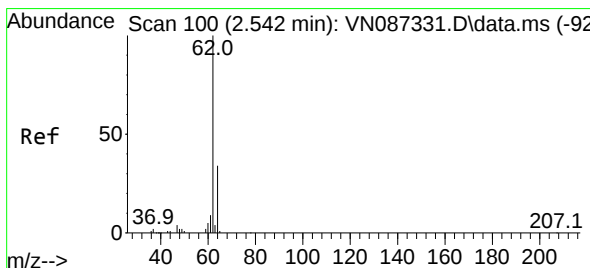
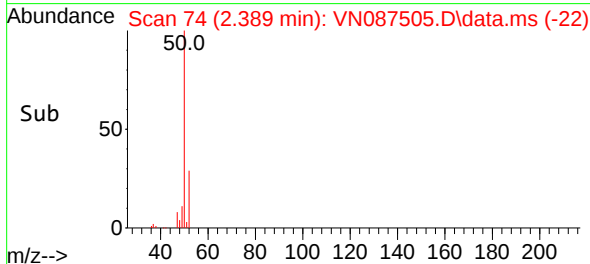
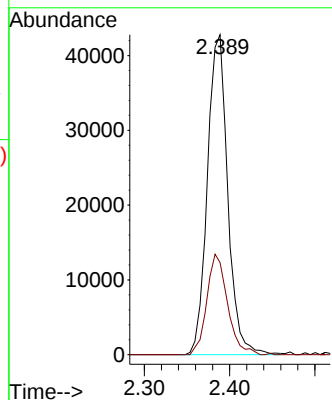
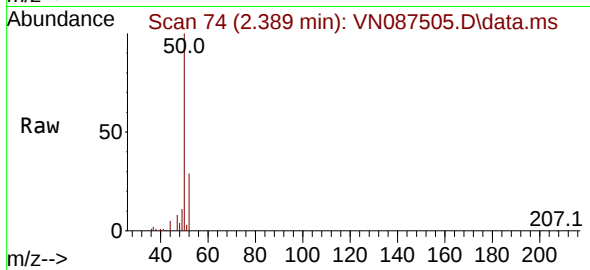




#3
Chloromethane
Concen: 18.133 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

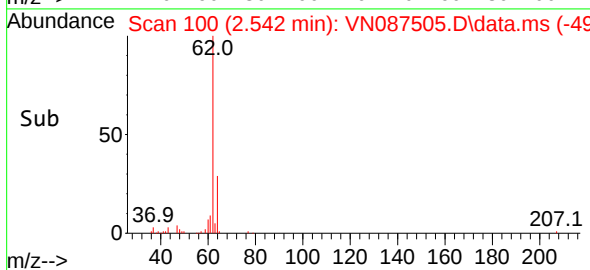
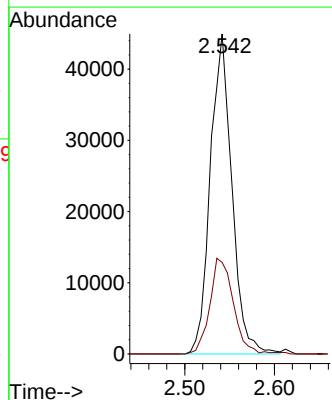
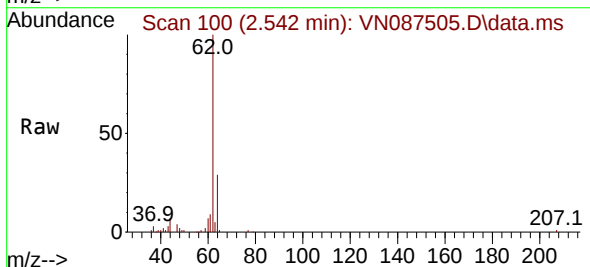
Instrument :
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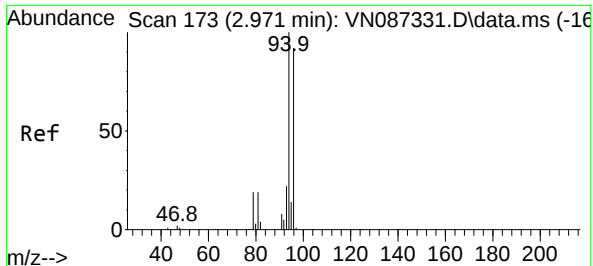
Tgt Ion: 50 Resp: 70909
Ion Ratio Lower Upper
50 100
52 28.8 26.3 39.5



#4
Vinyl Chloride
Concen: 19.327 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 62 Resp: 75107
Ion Ratio Lower Upper
62 100
64 28.6 27.0 40.6

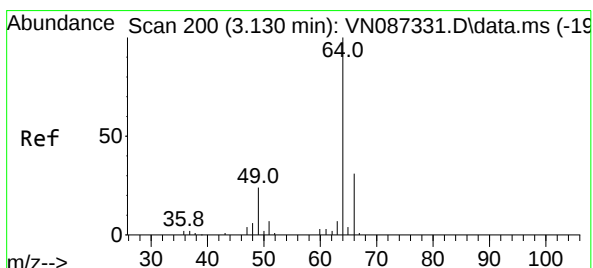
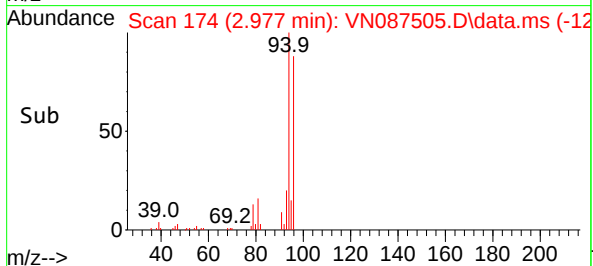
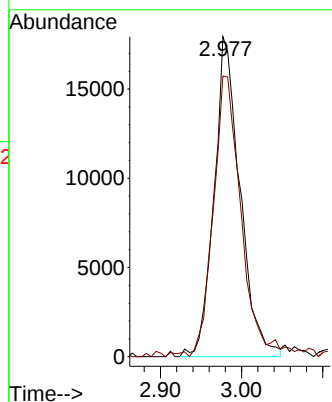
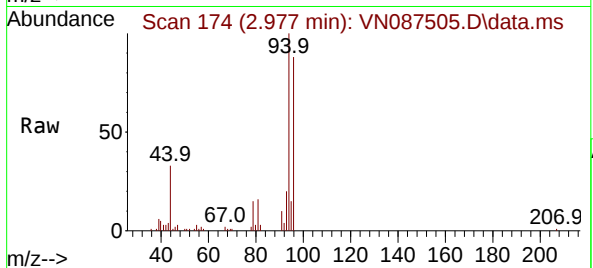




#5
Bromomethane
Concen: 19.805 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

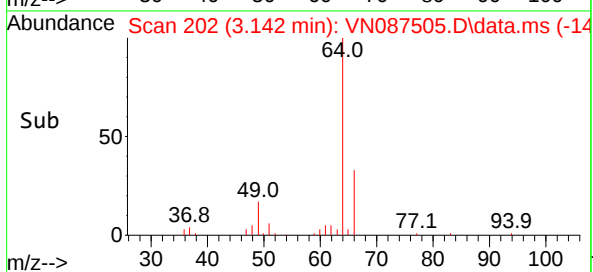
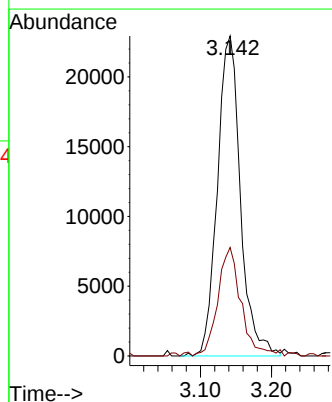
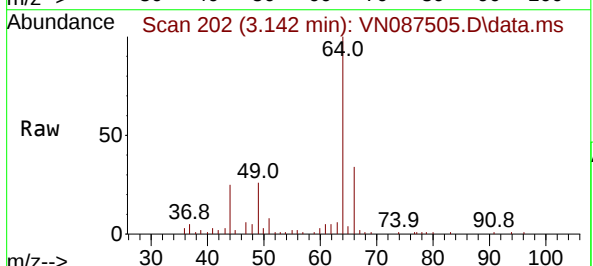
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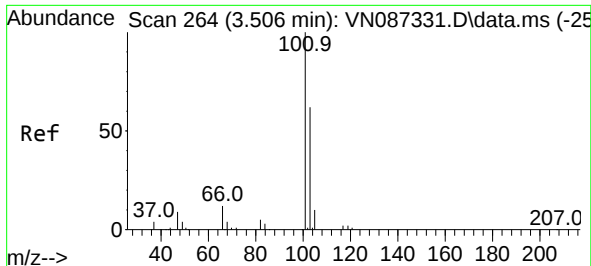
Tgt Ion: 94 Resp: 39856
Ion Ratio Lower Upper
94 100
96 86.6 73.4 110.2



#6
Chloroethane
Concen: 20.345 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 64 Resp: 51562
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8

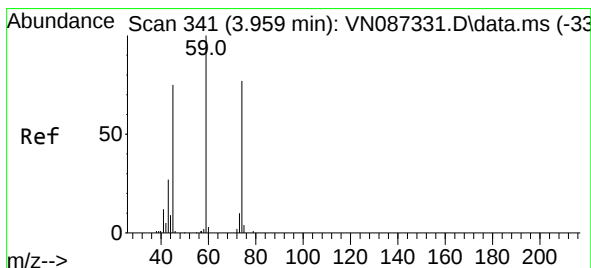
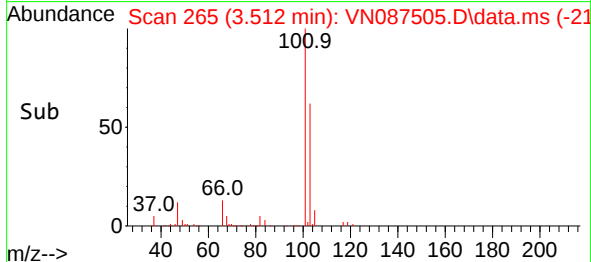
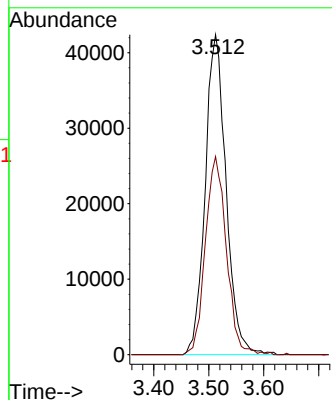
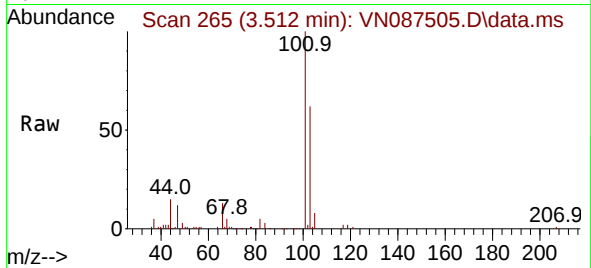




#7
 Trichlorofluoromethane
 Concen: 19.455 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

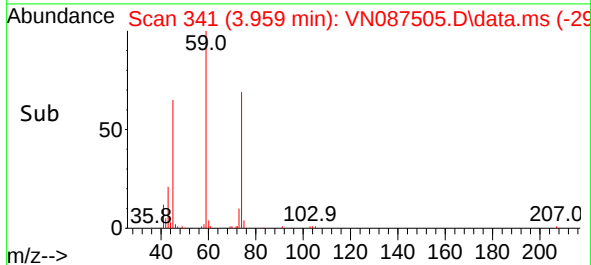
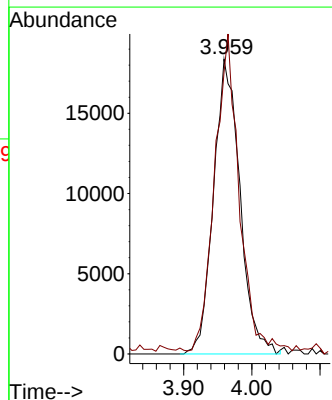
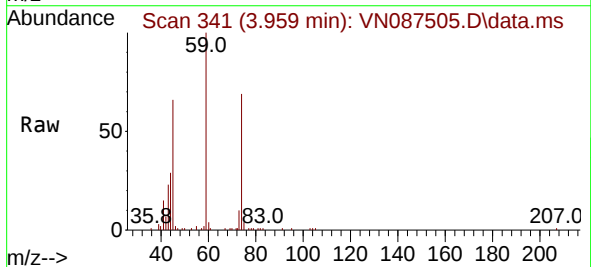
Instrument :
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 VN0812WBS01

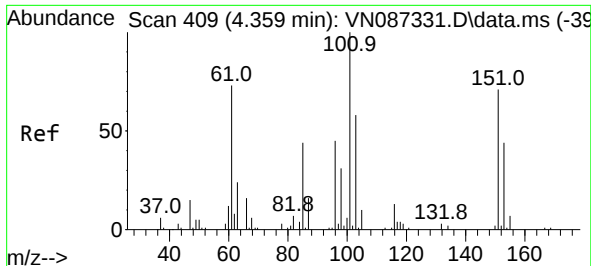
Tgt Ion:101 Resp: 111797
 Ion Ratio Lower Upper
 101 100
 103 61.9 49.8 74.6



#8
 Diethyl Ether
 Concen: 22.219 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion: 74 Resp: 49528
 Ion Ratio Lower Upper
 74 100
 45 99.5 50.8 152.5

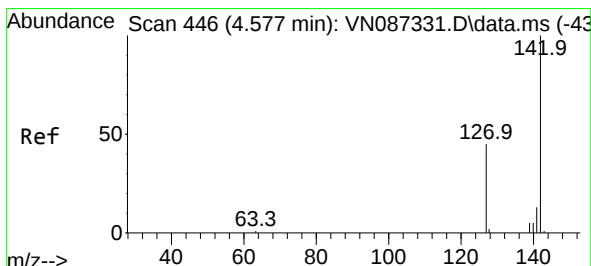
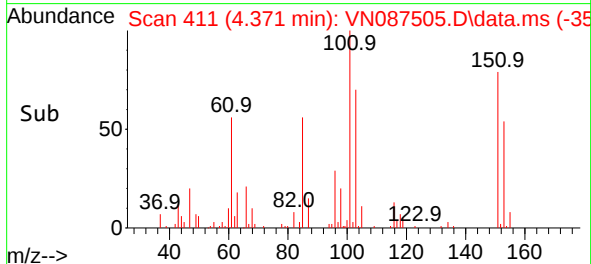
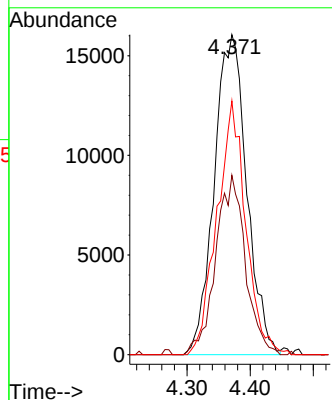
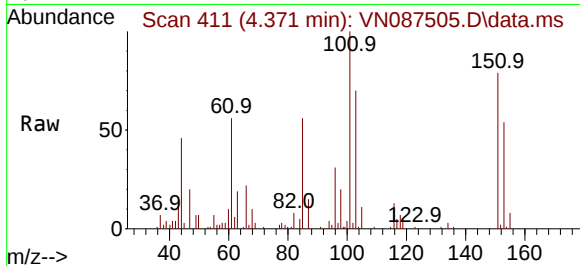




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.477 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087505.D
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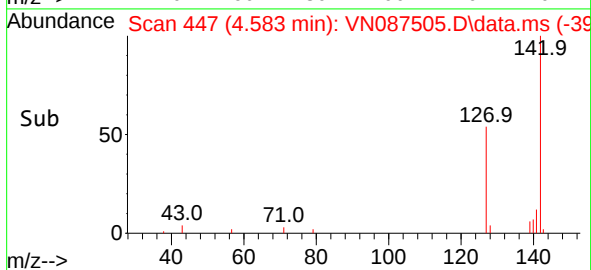
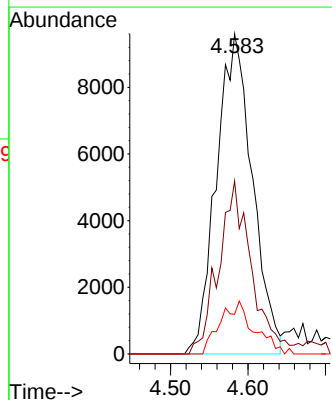
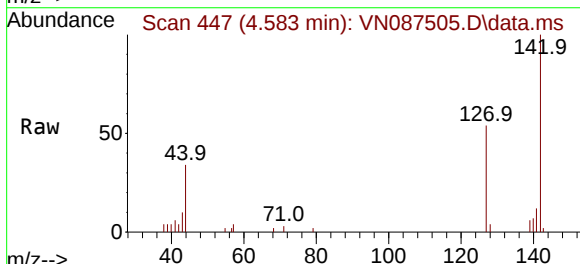
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

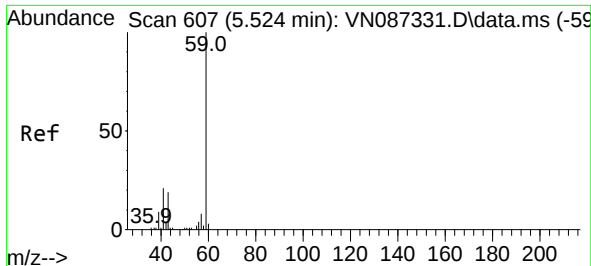
Tgt Ion:101 Resp: 57454
Ion Ratio Lower Upper
101 100
85 51.0 37.3 55.9
151 70.4 58.9 88.3



#10
Methyl Iodide
Concen: 14.693 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:142 Resp: 30990
Ion Ratio Lower Upper
142 100
127 54.0 35.7 53.5#
141 12.4 10.4 15.6

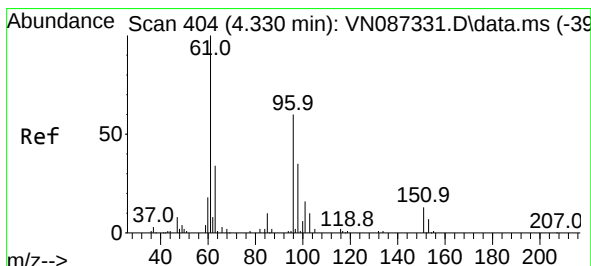
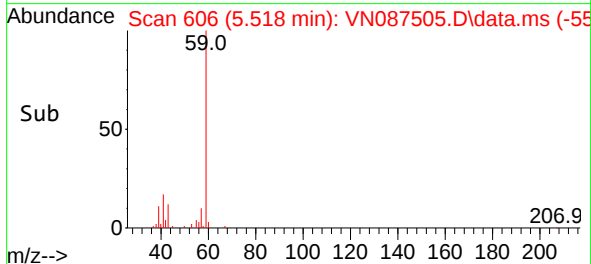
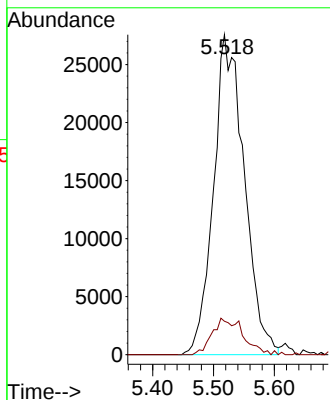
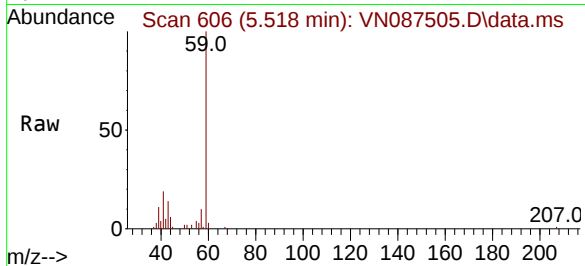




#11
Tert butyl alcohol
Concen: 102.547 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

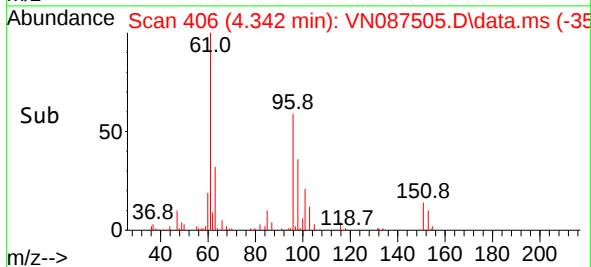
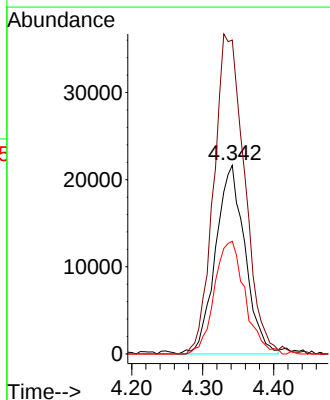
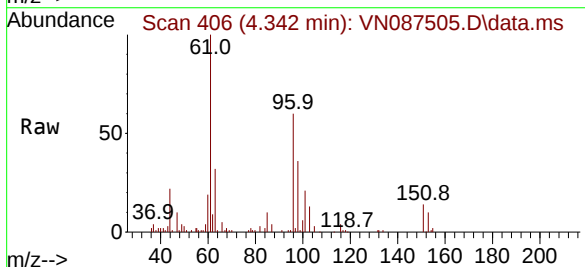
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

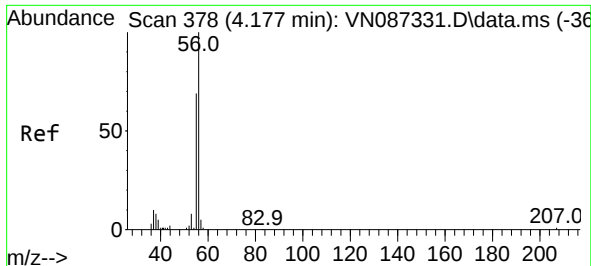
Tgt Ion: 59 Resp: 96731
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.597 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 96 Resp: 62167
Ion Ratio Lower Upper
96 100
61 166.4 132.3 198.5
98 59.7 46.8 70.2

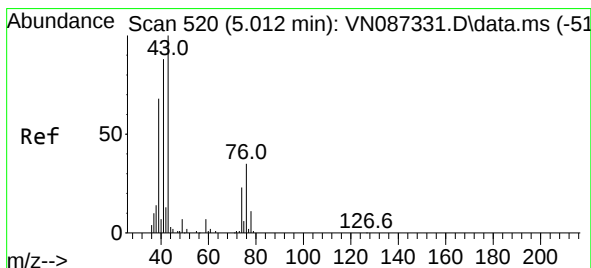
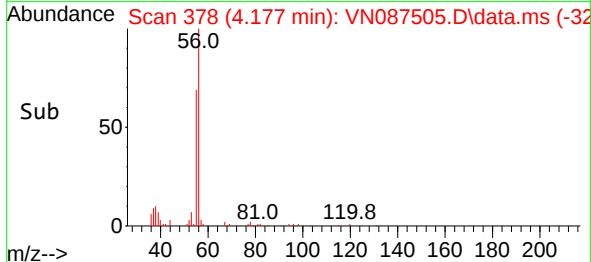
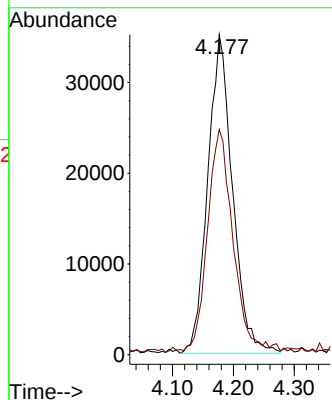
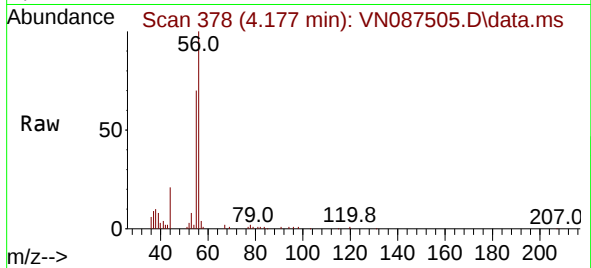




#13
Acrolein
Concen: 130.989 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

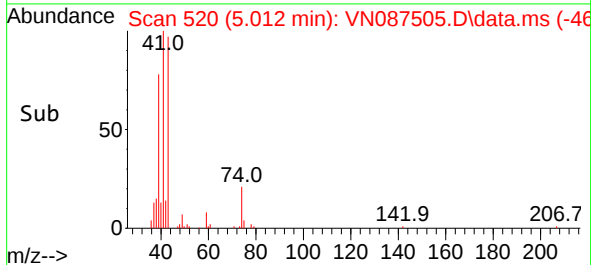
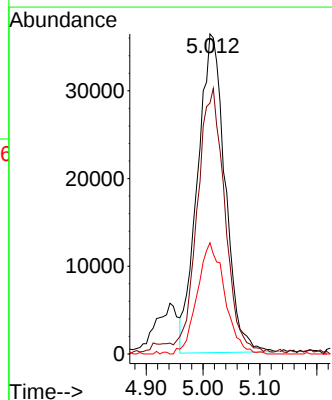
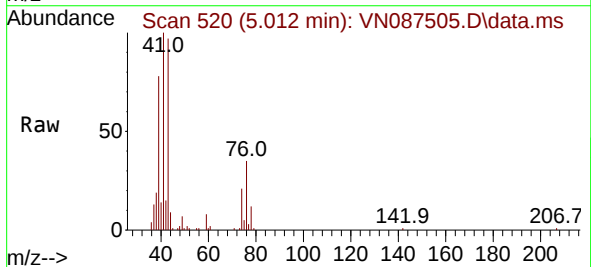
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

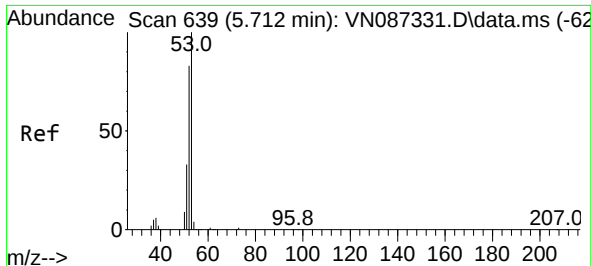
Tgt Ion: 56 Resp: 99159
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4



#14
Allyl chloride
Concen: 20.266 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 41 Resp: 122600
Ion Ratio Lower Upper
41 100
39 81.7 59.0 88.6
76 34.8 28.7 43.1

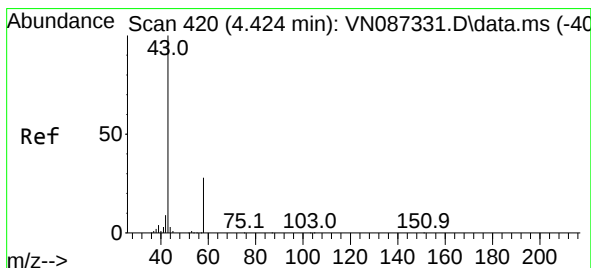
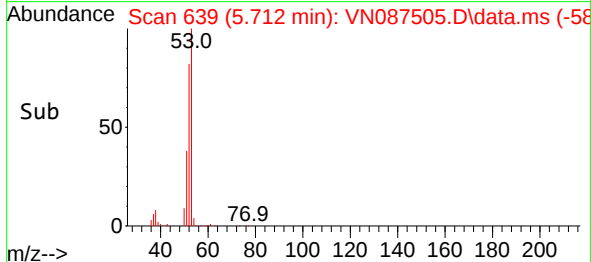
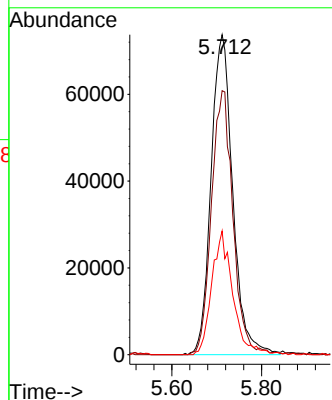
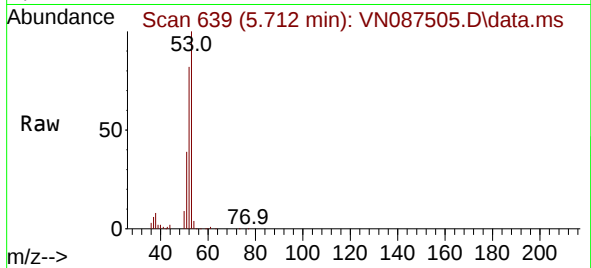




#15
Acrylonitrile
Concen: 96.703 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

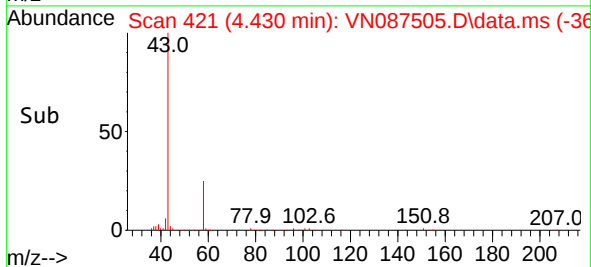
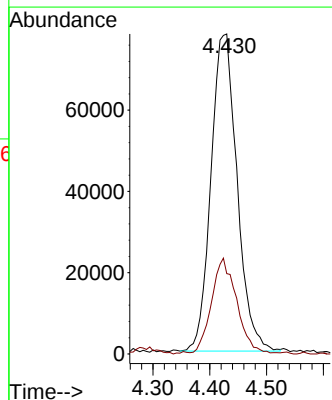
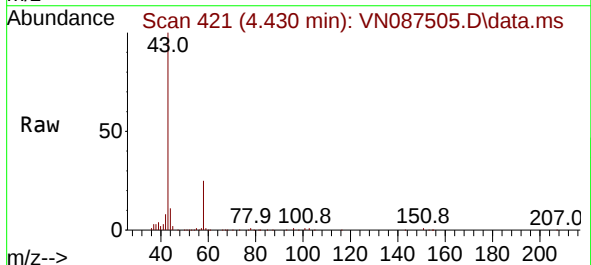
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

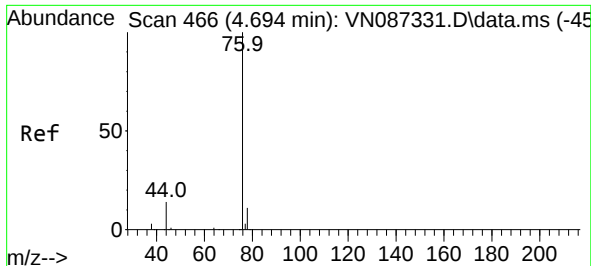
Tgt Ion: 53 Resp: 247530
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 37.4 28.7 43.1



#16
Acetone
Concen: 107.043 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 249332
Ion Ratio Lower Upper
43 100
58 25.0 22.3 33.5

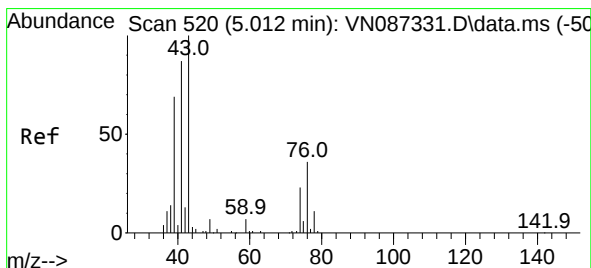
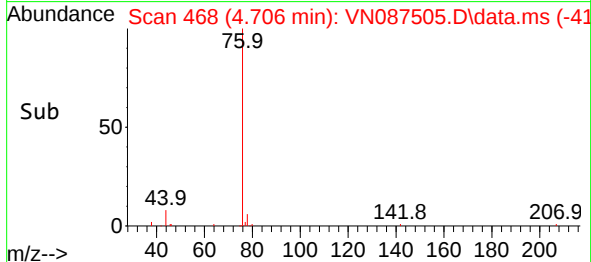
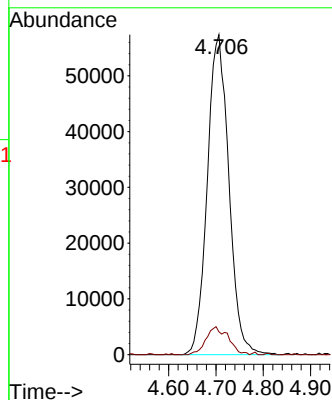
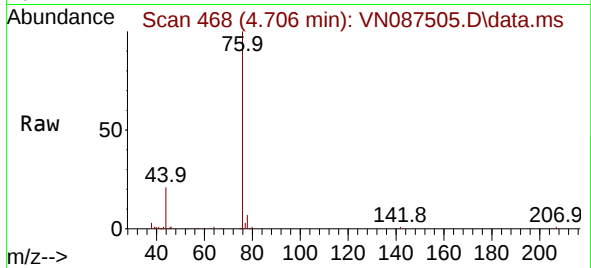




#17
Carbon Disulfide
Concen: 18.297 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

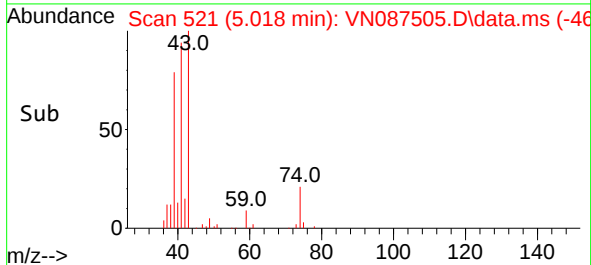
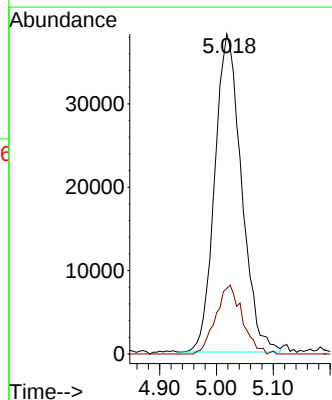
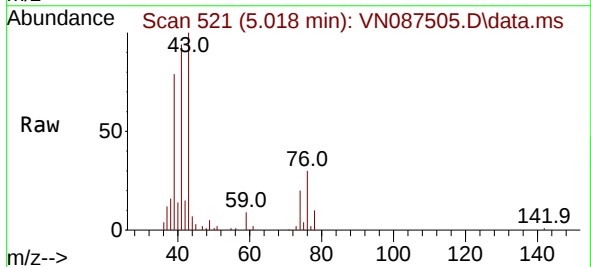
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

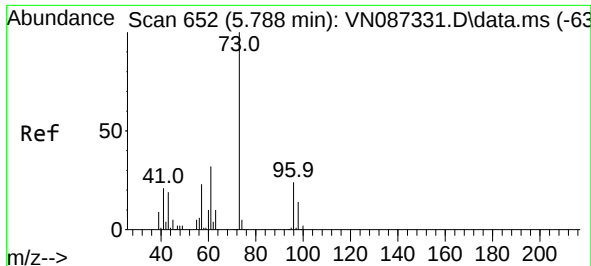
Tgt Ion: 76 Resp: 181331
Ion Ratio Lower Upper
76 100
78 7.2 8.6 13.0#



#18
Methyl Acetate
Concen: 21.365 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 125027
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6

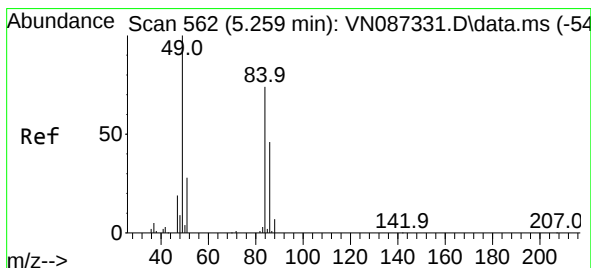
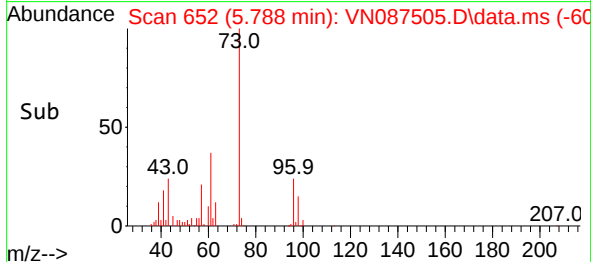
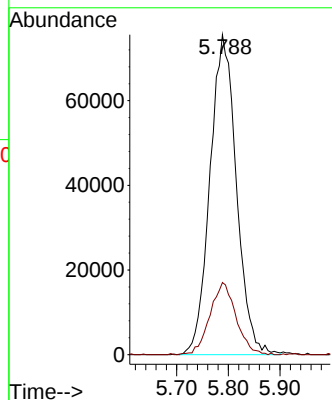
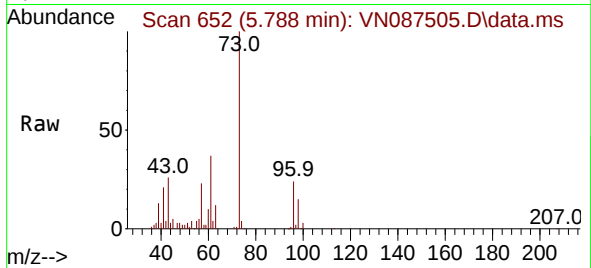




#19
Methyl tert-butyl Ether
Concen: 21.794 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

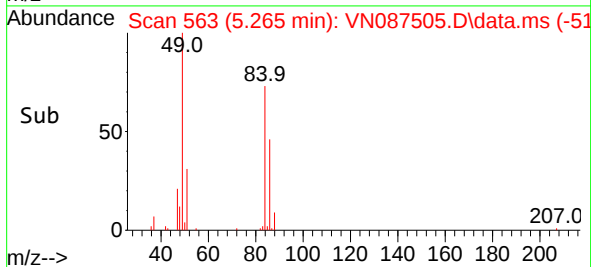
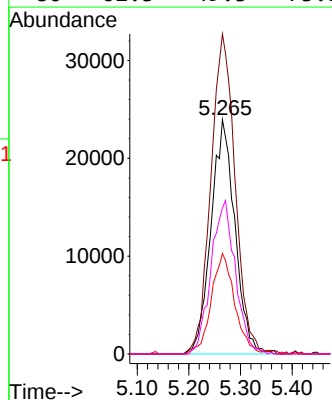
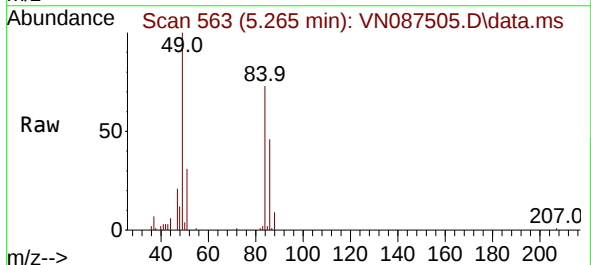
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

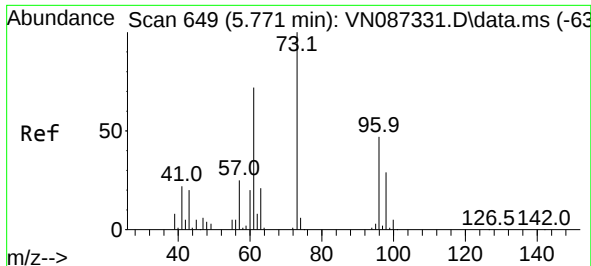
Tgt Ion: 73 Resp: 268531
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 19.180 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 84 Resp: 77076
Ion Ratio Lower Upper
84 100
49 136.6 107.5 161.3
51 42.9 30.2 45.2
86 62.3 49.3 73.9

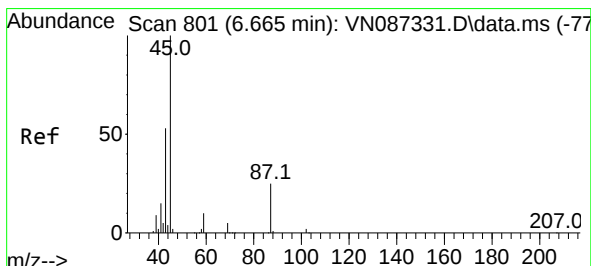
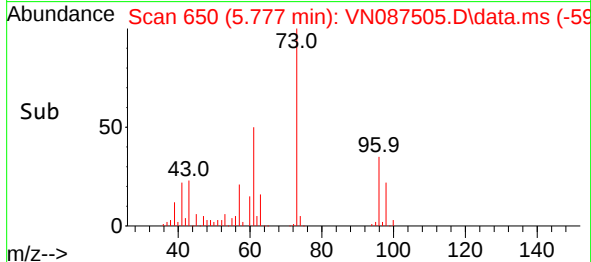
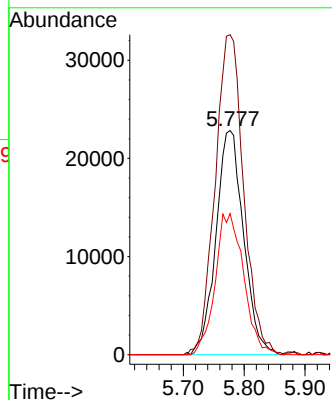
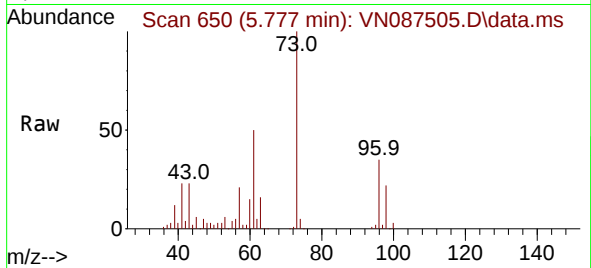




#21
trans-1,2-Dichloroethene
Concen: 19.105 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

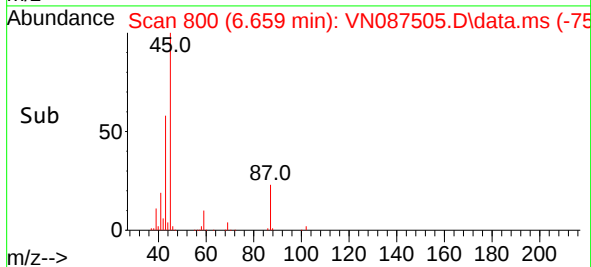
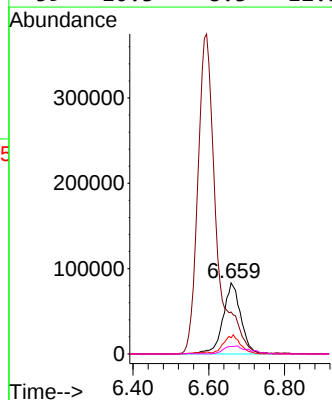
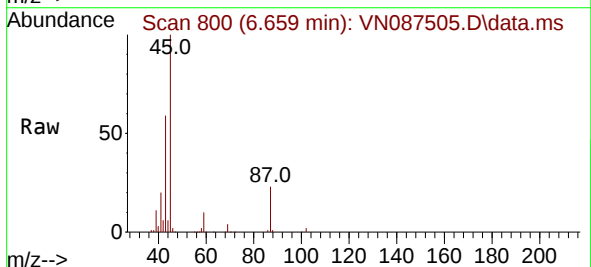
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

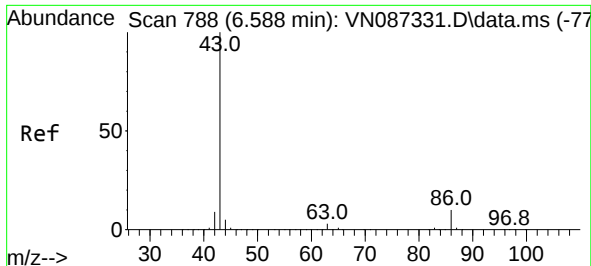
Tgt Ion: 96 Resp: 72010
Ion Ratio Lower Upper
96 100
61 142.7 122.0 183.0
98 63.0 50.0 75.0



#22
Diisopropyl ether
Concen: 21.404 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 45 Resp: 271606
Ion Ratio Lower Upper
45 100
43 58.1 42.8 64.2
87 22.7 19.8 29.6
59 10.3 8.3 12.5

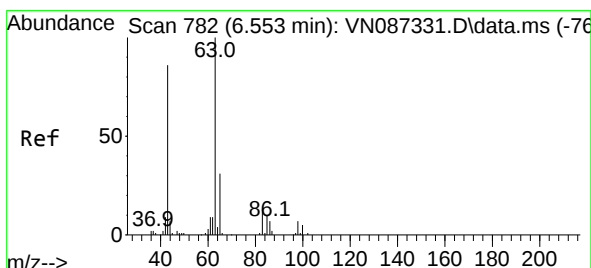
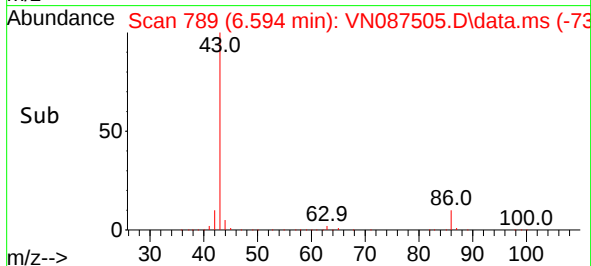
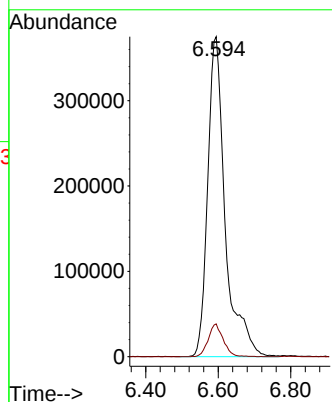
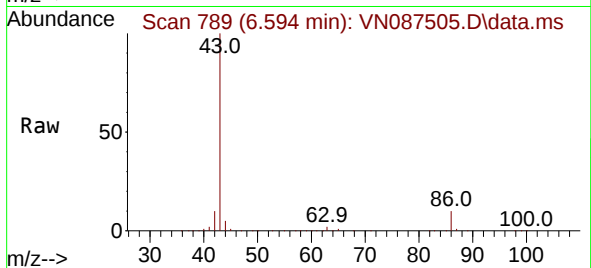




#23
 Vinyl Acetate
 Concen: 113.358 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

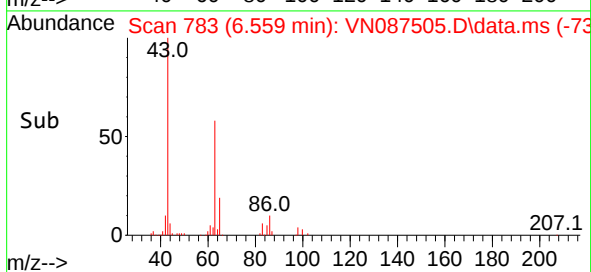
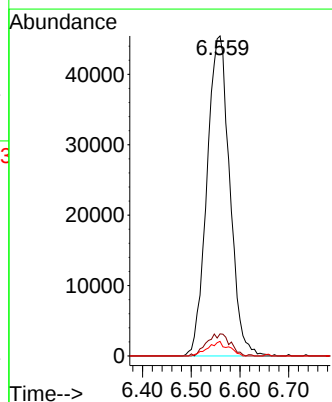
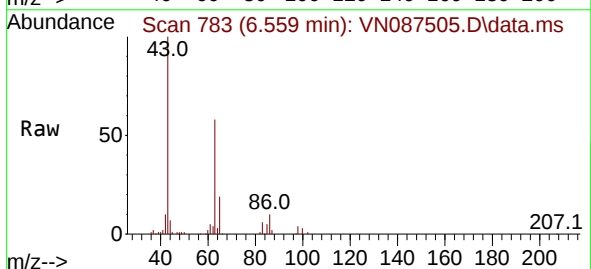
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

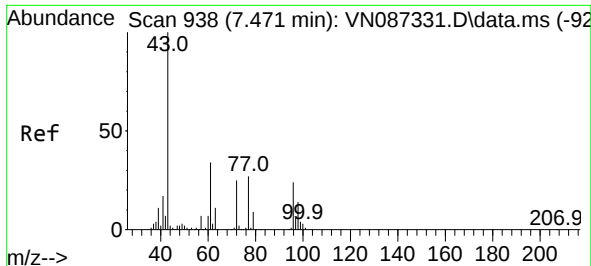
Tgt Ion: 43 Resp: 1258088
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.141 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion: 63 Resp: 147450
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.6 2.5 7.4

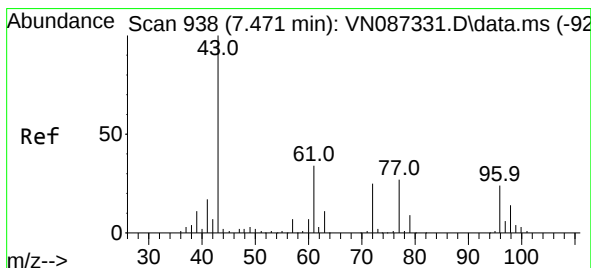
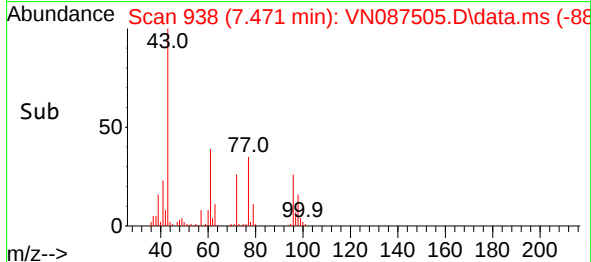
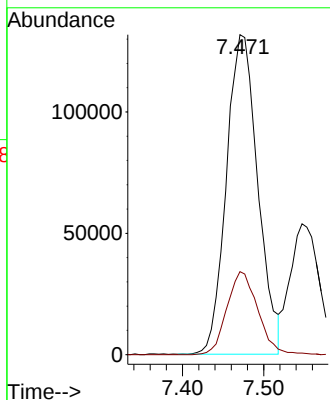
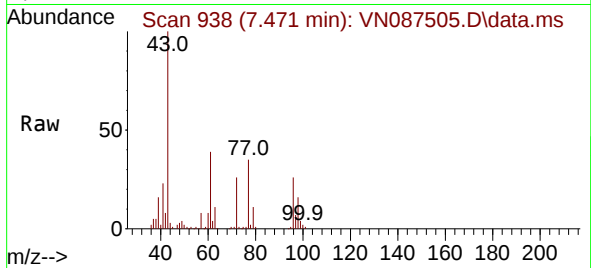




#25
2-Butanone
Concen: 98.514 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

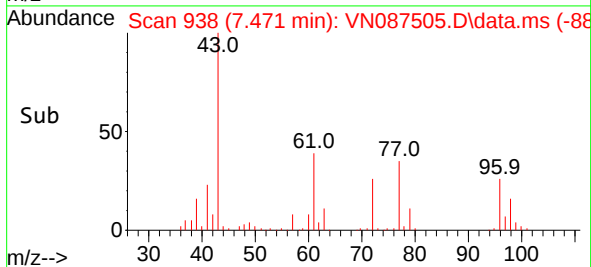
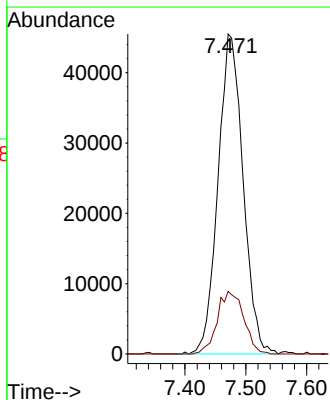
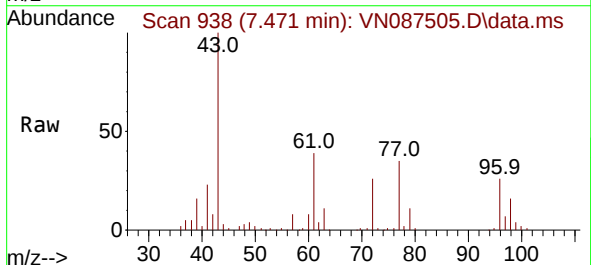
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

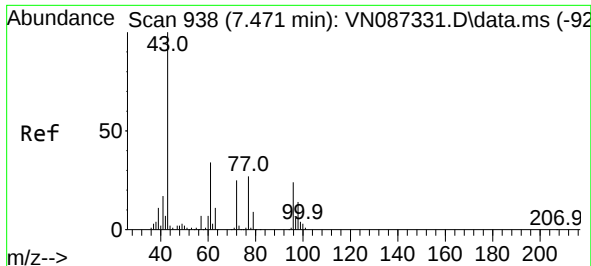
Tgt Ion: 43 Resp: 354546
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 22.845 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 77 Resp: 130032
Ion Ratio Lower Upper
77 100
97 20.7 11.1 33.1

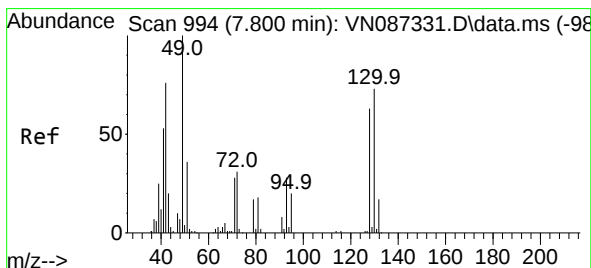
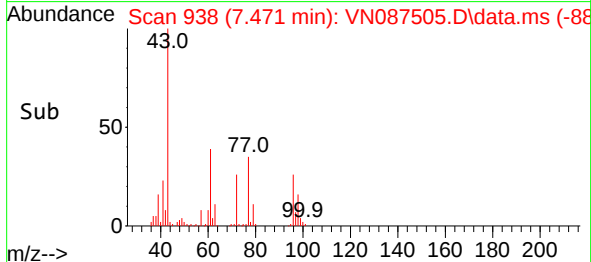
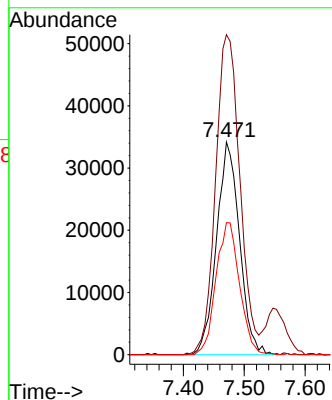
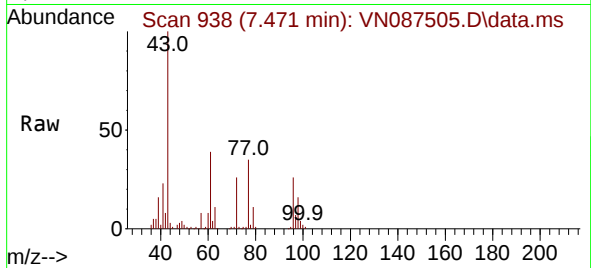




#27
 cis-1,2-Dichloroethene
 Concen: 20.639 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

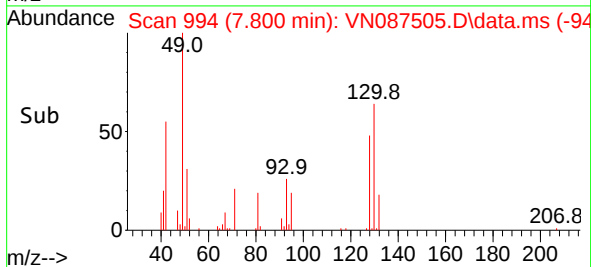
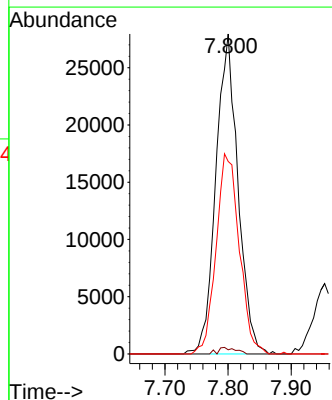
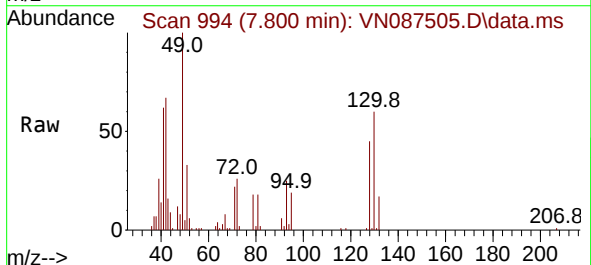
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

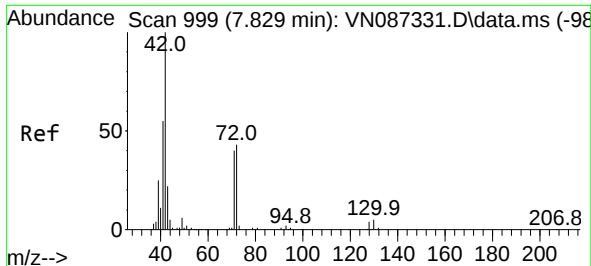
Tgt Ion: 96 Resp: 89561
 Ion Ratio Lower Upper
 96 100
 61 159.3 0.0 297.8
 98 63.7 0.0 132.4



#28
 Bromochloromethane
 Concen: 19.415 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion: 49 Resp: 68027
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 65.5 57.3 85.9





#29

Tetrahydrofuran

Concen: 101.959 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

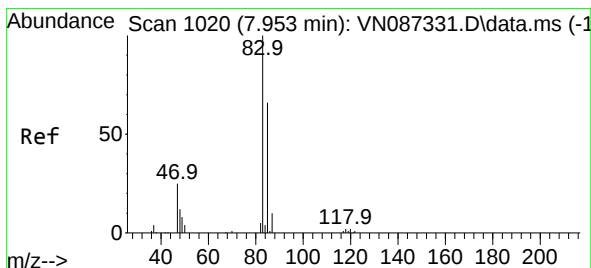
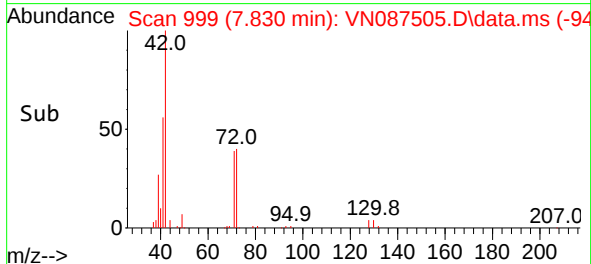
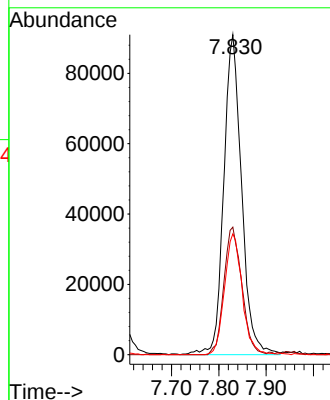
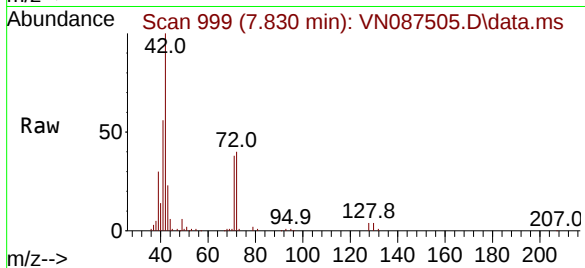
Tgt Ion: 42 Resp: 238378

Ion Ratio Lower Upper

42 100

72 39.9 33.4 50.0

71 37.5 31.2 46.8



#30

Chloroform

Concen: 20.722 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087505.D

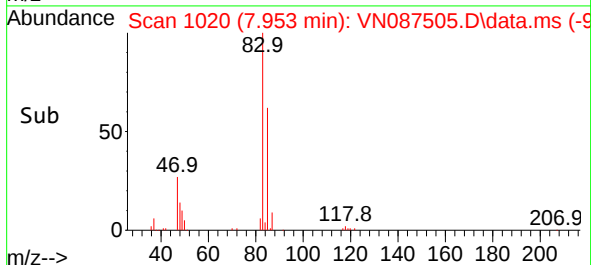
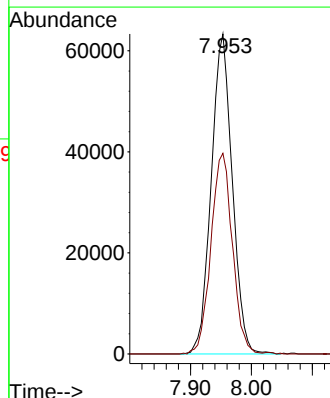
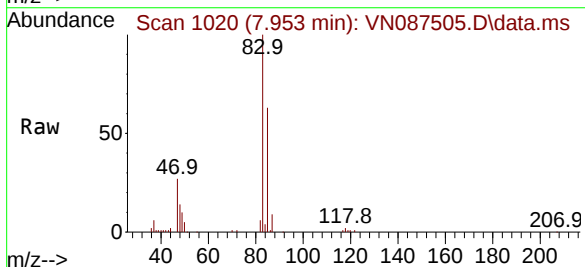
Acq: 12 Aug 2025 11:42

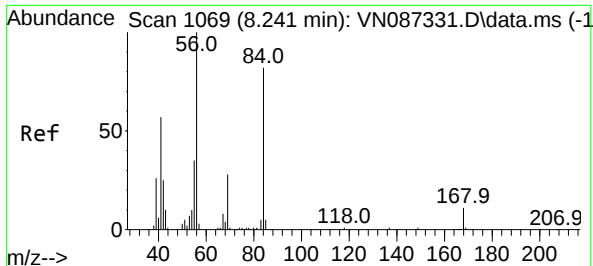
Tgt Ion: 83 Resp: 151851

Ion Ratio Lower Upper

83 100

85 62.7 52.7 79.1





#31

Cyclohexane

Concen: 19.621 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

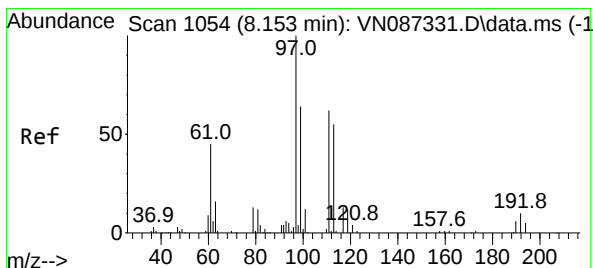
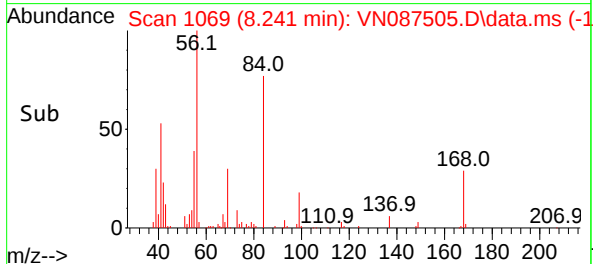
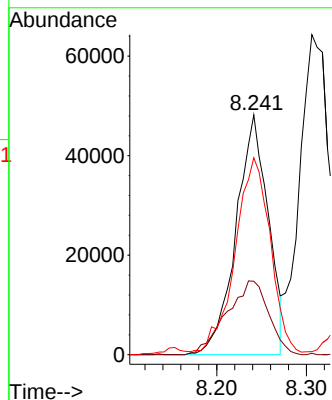
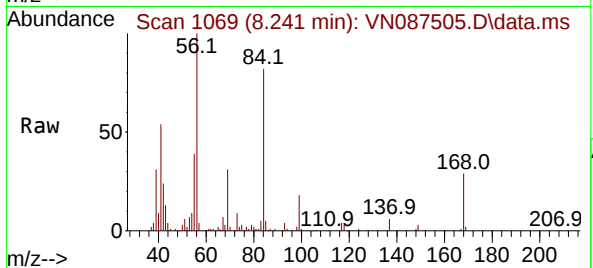
Tgt Ion: 56 Resp: 119834

Ion Ratio Lower Upper

56 100

69 30.6 22.7 34.1

84 80.2 65.8 98.6



#32

1,1,1-Trichloroethane

Concen: 20.295 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

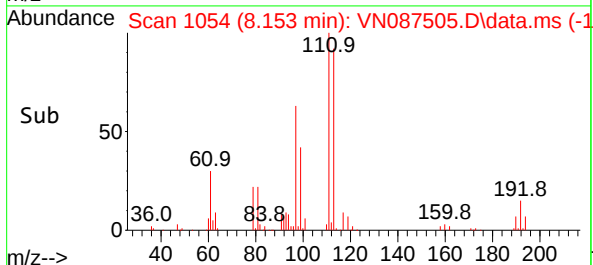
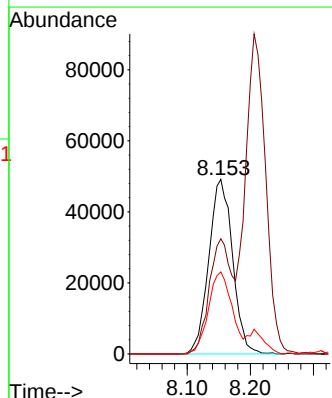
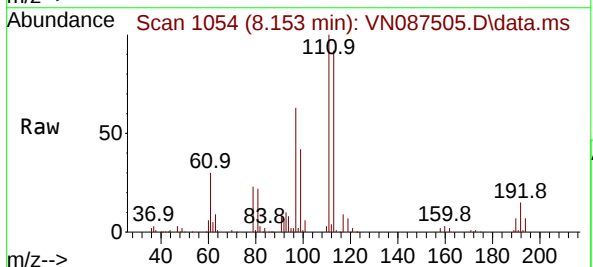
Tgt Ion: 97 Resp: 128806

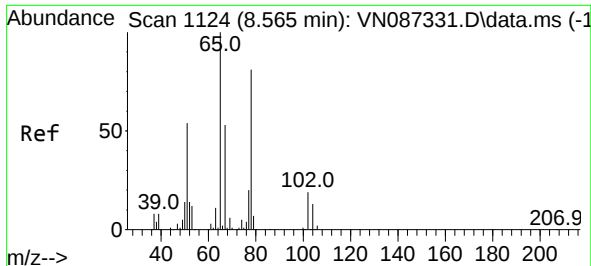
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.8

61 46.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 53.327 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

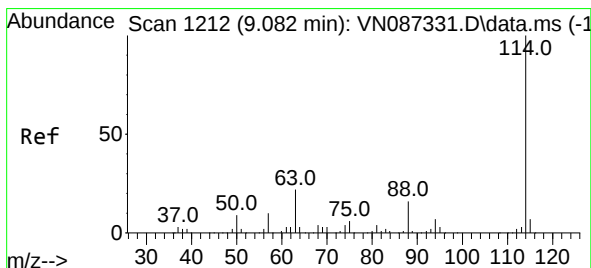
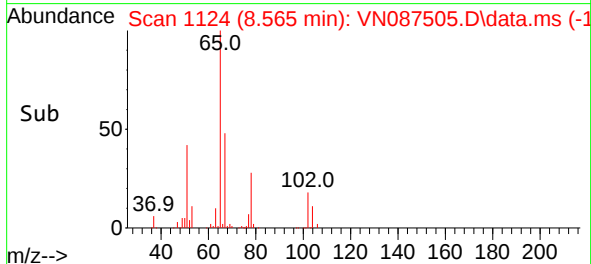
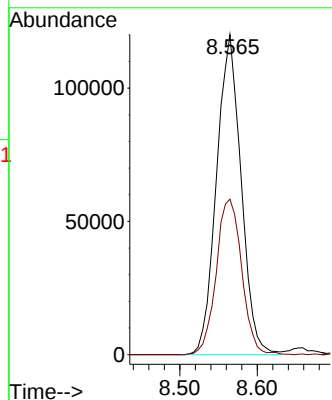
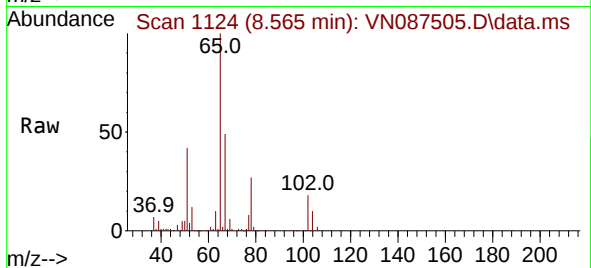
VN0812WBS01

Tgt Ion: 65 Resp: 264919

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

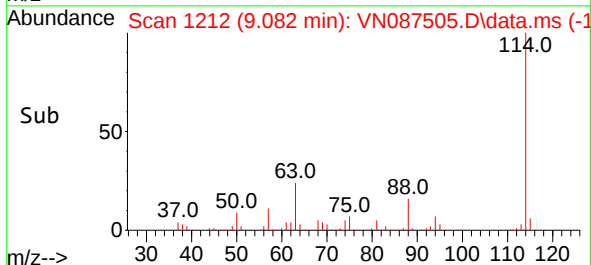
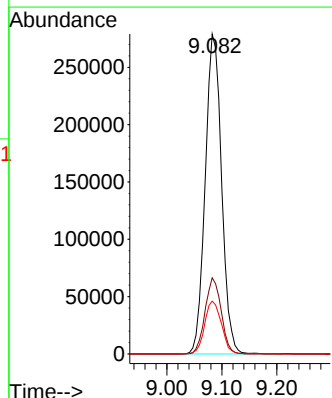
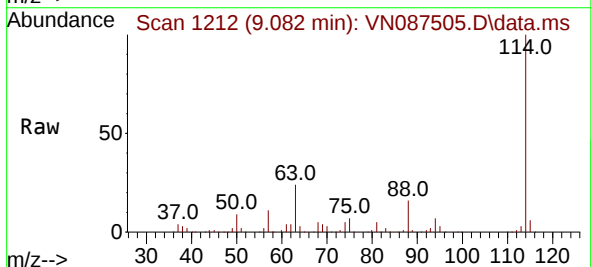
Tgt Ion: 114 Resp: 576676

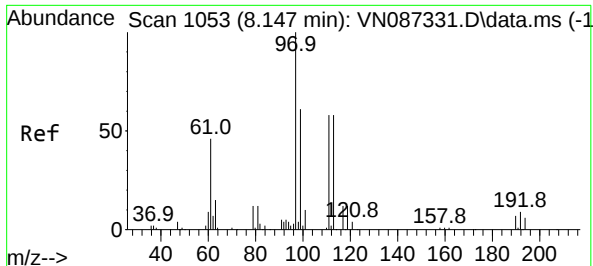
Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.6

88 16.5 0.0 32.8

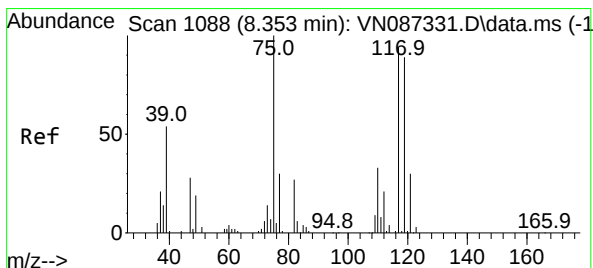
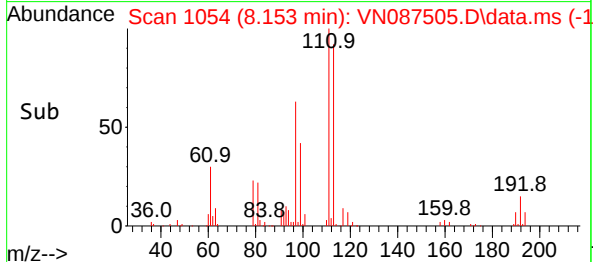
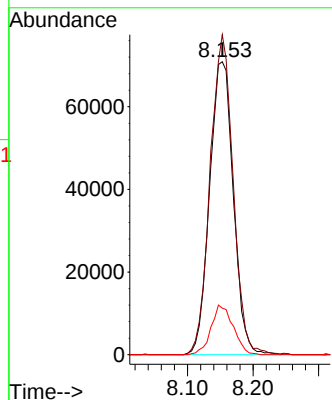
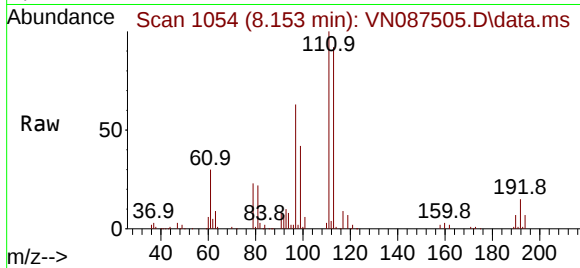




#35
 Dibromofluoromethane
 Concen: 44.814 ug/l
 RT: 8.153 min Scan# 1054
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

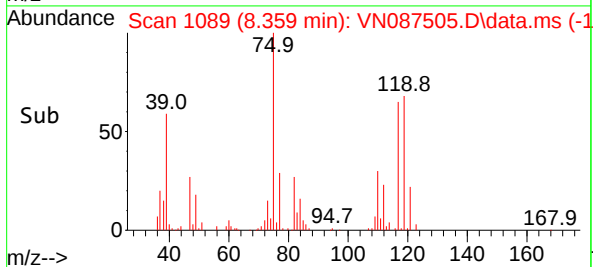
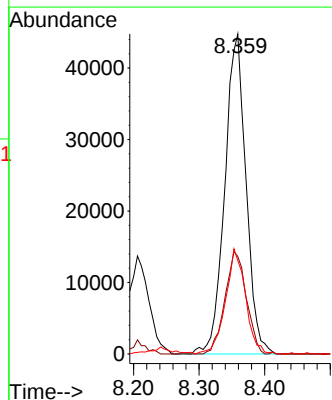
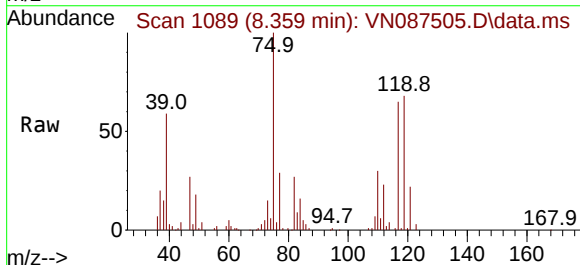
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

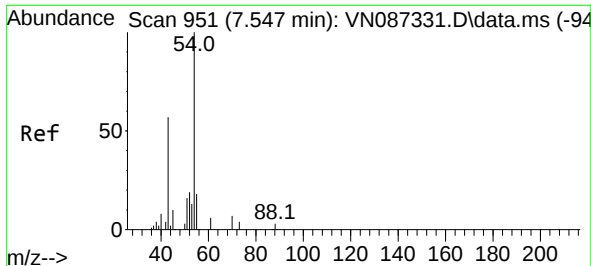
Tgt Ion:113 Resp: 178267
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.5 123.7
 192 15.8 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 19.137 ug/l
 RT: 8.359 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 100577
 Ion Ratio Lower Upper
 75 100
 110 32.2 16.7 50.1
 77 31.0 25.2 37.8

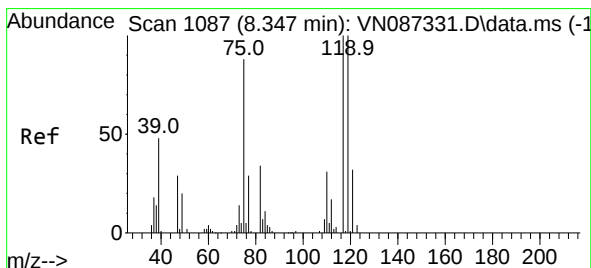
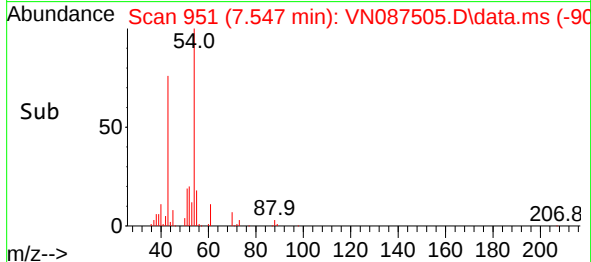
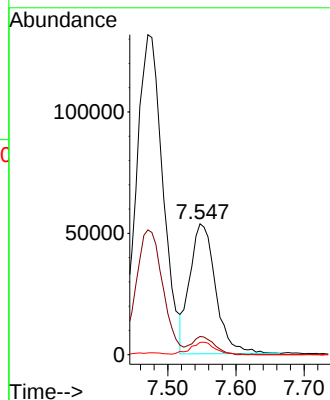
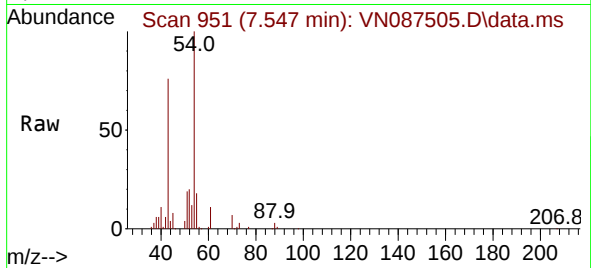




#37
Ethyl Acetate
Concen: 18.493 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

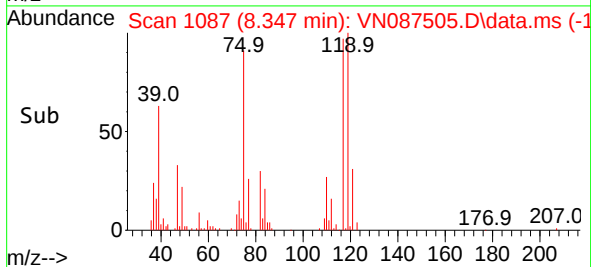
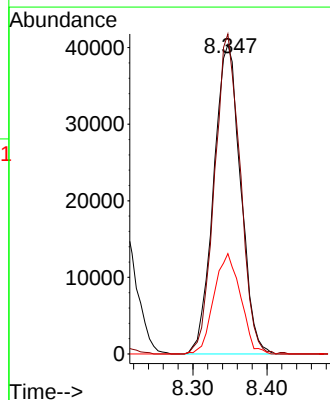
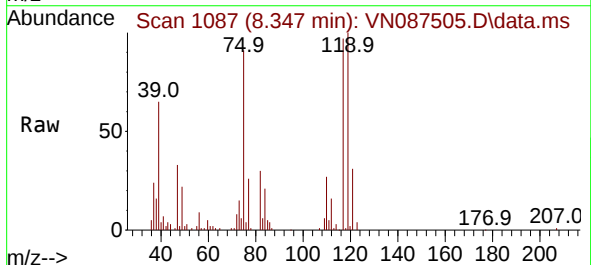
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

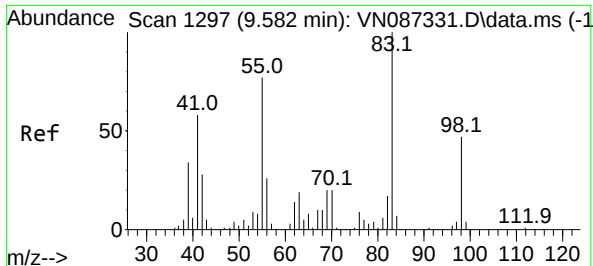
Tgt Ion: 43 Resp: 140369
Ion Ratio Lower Upper
43 100
61 12.4 10.9 16.3
70 9.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 17.639 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 117 Resp: 102118
Ion Ratio Lower Upper
117 100
119 103.5 80.2 120.2
121 32.4 25.4 38.2





#39

Methylcyclohexane

Concen: 19.431 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

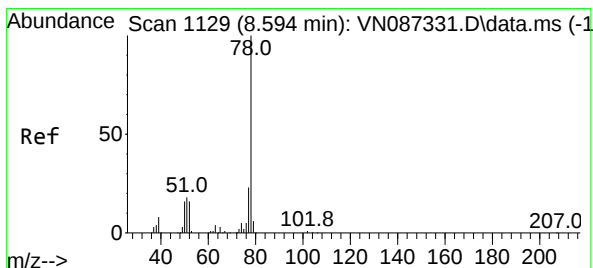
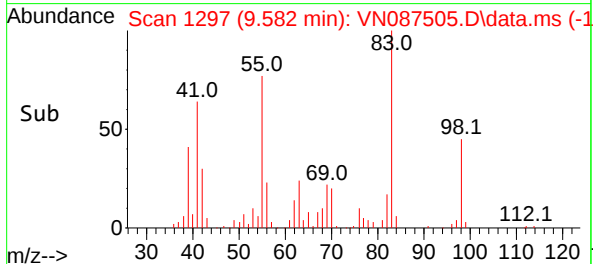
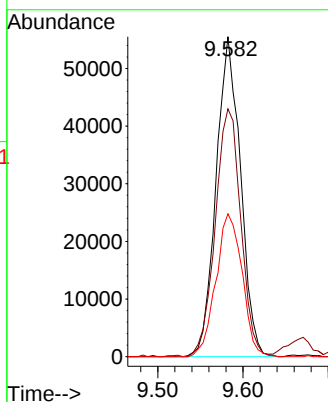
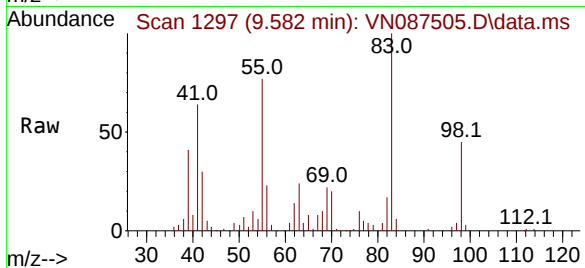
Tgt Ion: 83 Resp: 110560

Ion Ratio Lower Upper

83 100

55 77.0 61.3 91.9

98 44.7 37.9 56.9



#40

Benzene

Concen: 18.299 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087505.D

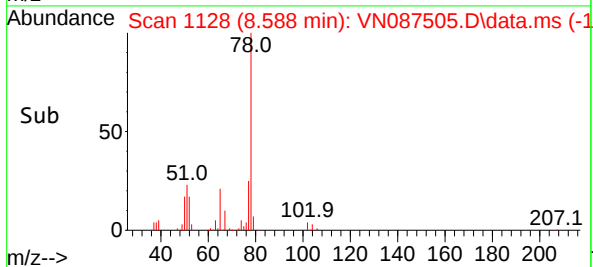
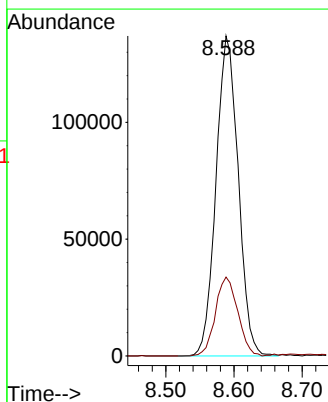
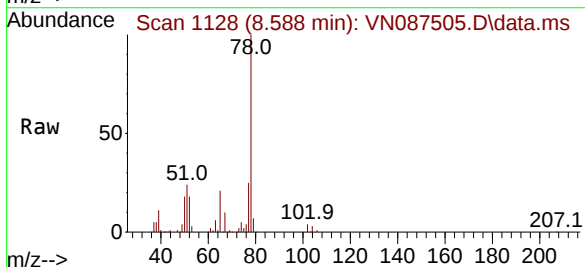
Acq: 12 Aug 2025 11:42

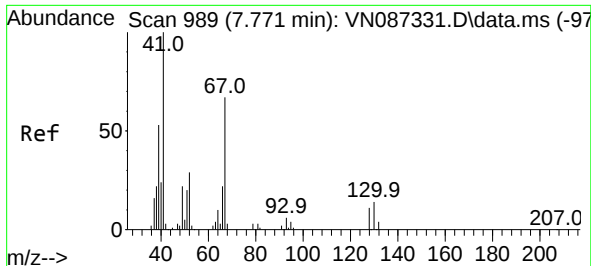
Tgt Ion: 78 Resp: 310818

Ion Ratio Lower Upper

78 100

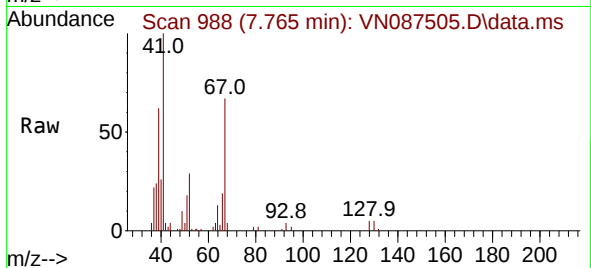
77 24.7 18.2 27.2



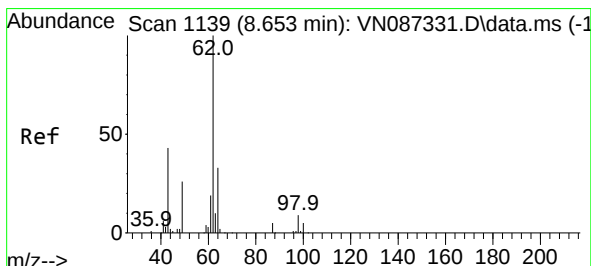
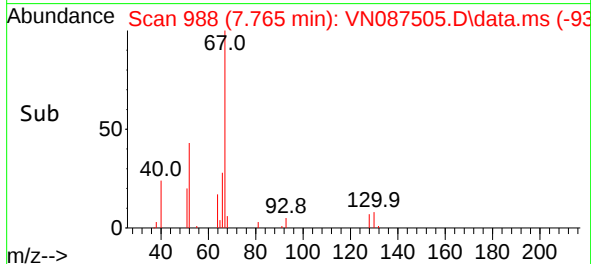
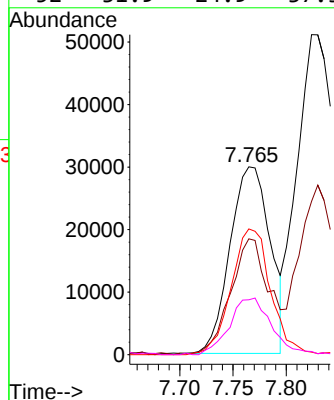


#41
Methacrylonitrile
Concen: 19.790 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

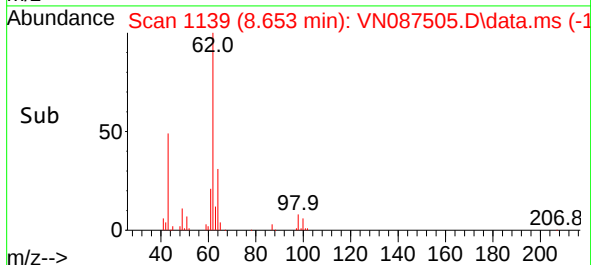
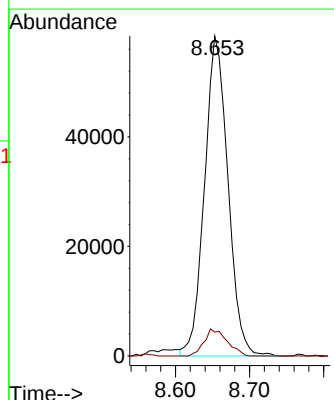
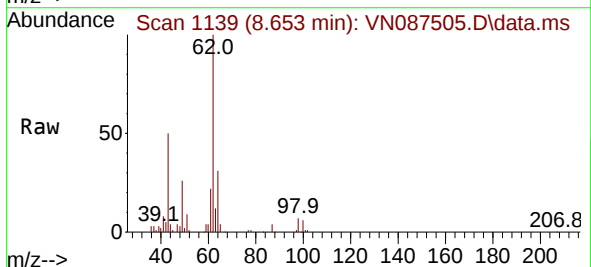


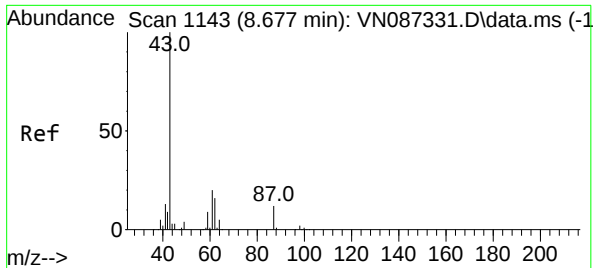
Tgt Ion:	41	Resp:	78542
Ion Ratio	100	Lower	Upper
39	59.1	43.4	65.0
67	65.9	55.1	82.7
52	31.9	24.9	37.3



#42
1,2-Dichloroethane
Concen: 19.905 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:	62	Resp:	128218
Ion Ratio	100	Lower	Upper
98	8.2	0.0	18.0

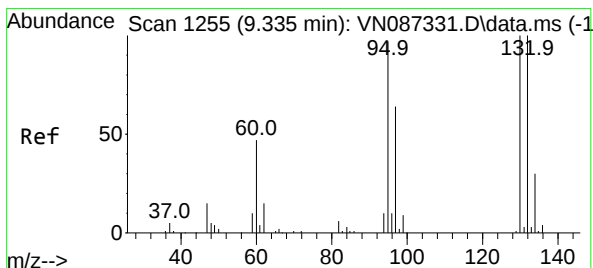
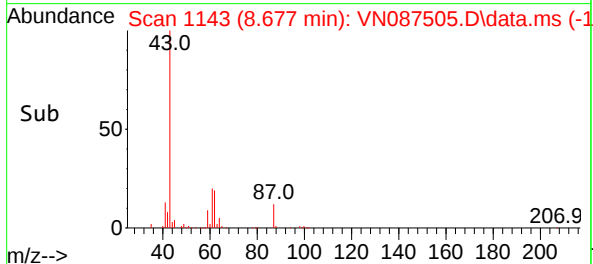
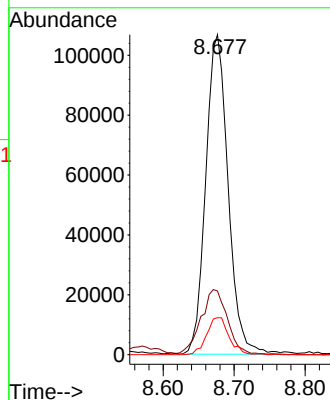
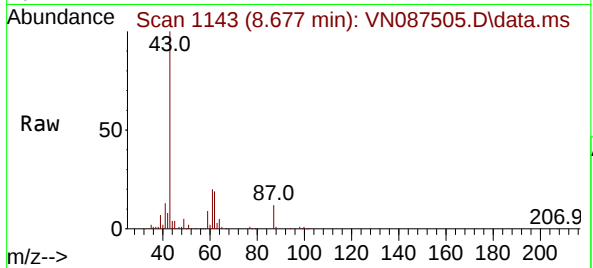




#43
Isopropyl Acetate
Concen: 19.846 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

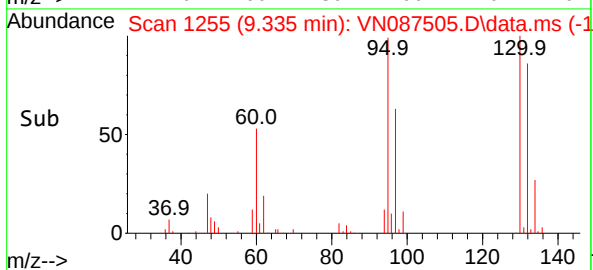
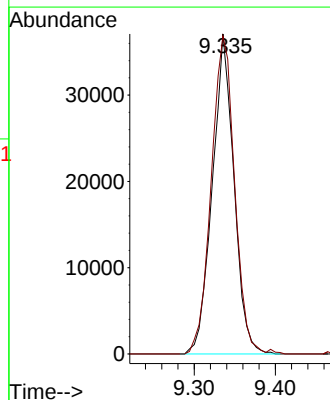
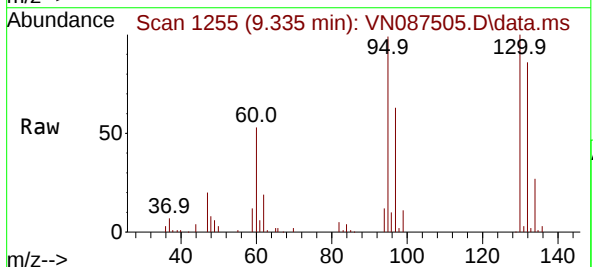
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

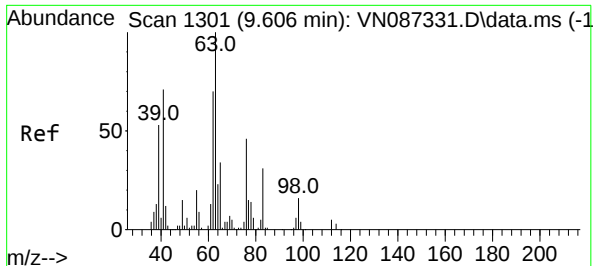
Tgt Ion: 43 Resp: 233840
Ion Ratio Lower Upper
43 100
61 23.9 19.8 29.8
87 11.6 9.8 14.6



#44
Trichloroethene
Concen: 17.087 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:130 Resp: 68578
Ion Ratio Lower Upper
130 100
95 99.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.269 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

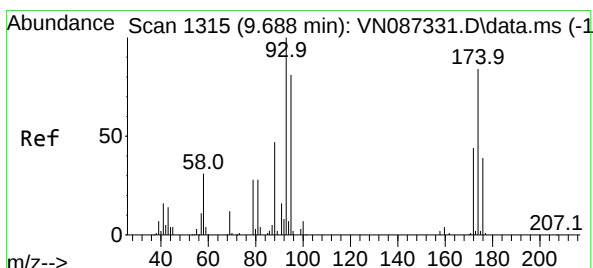
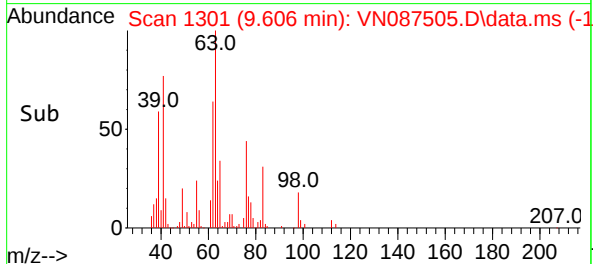
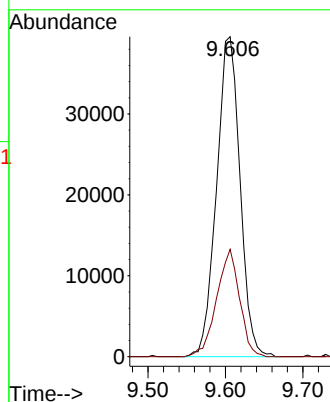
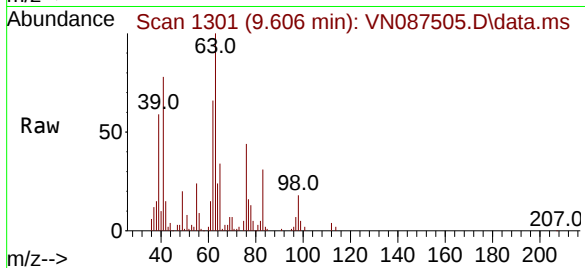
VN0812WBS01

Tgt Ion: 63 Resp: 83164

Ion Ratio Lower Upper

63 100

65 33.5 27.0 40.4



#46

Dibromomethane

Concen: 18.218 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

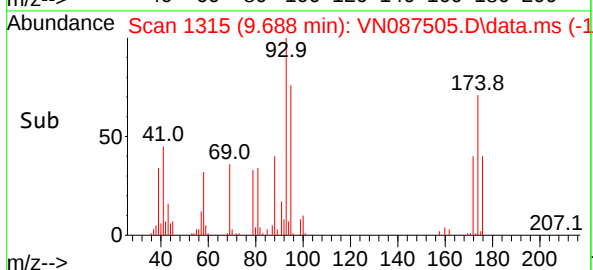
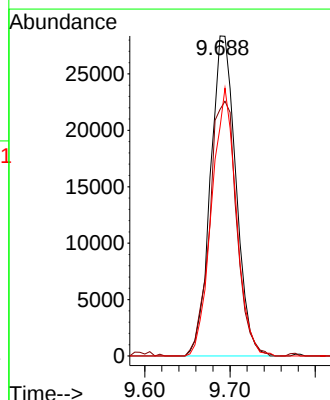
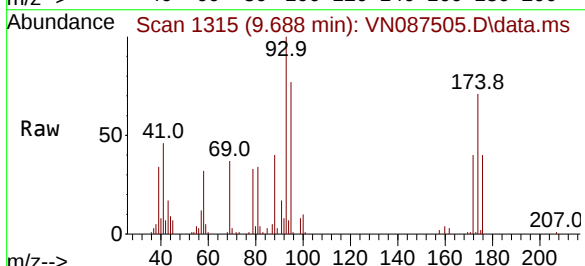
Tgt Ion: 93 Resp: 58870

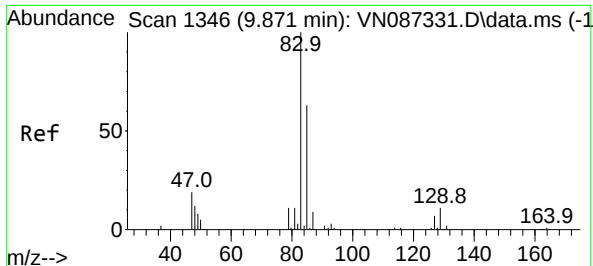
Ion Ratio Lower Upper

93 100

95 84.6 65.8 98.8

174 80.8 69.9 104.9





#47

Bromodichloromethane

Concen: 18.758 ug/l

RT: 9.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

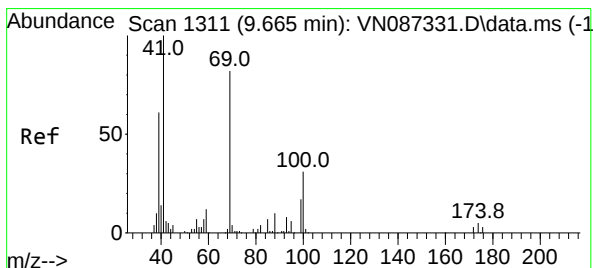
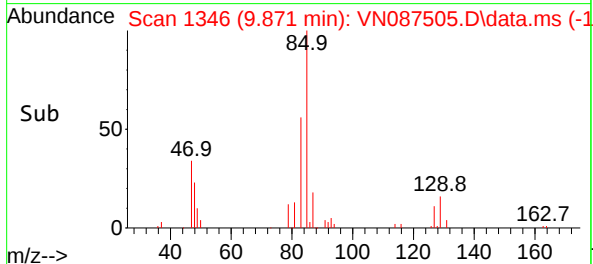
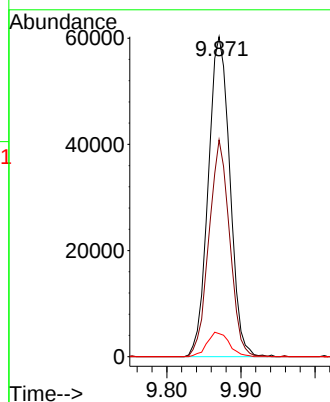
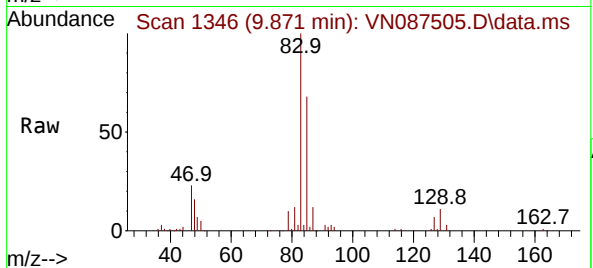
Tgt Ion: 83 Resp: 122095

Ion Ratio Lower Upper

83 100

85 67.7 50.4 75.6

127 7.2 5.8 8.8



#48

Methyl methacrylate

Concen: 20.658 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

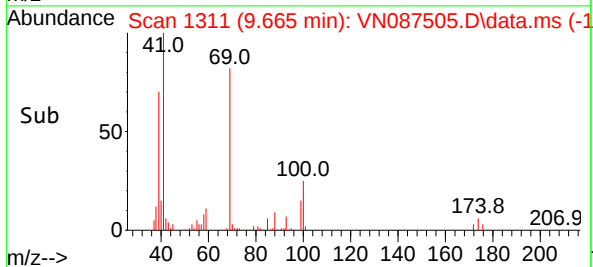
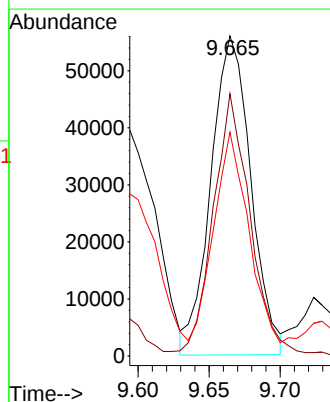
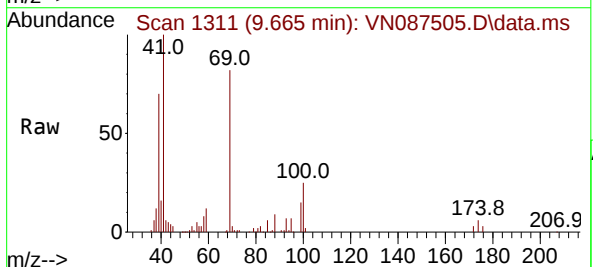
Tgt Ion: 41 Resp: 109579

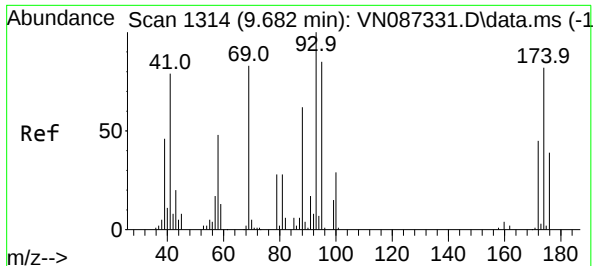
Ion Ratio Lower Upper

41 100

69 75.6 64.1 96.1

39 66.4 45.5 68.3





#49

1,4-Dioxane

Concen: 361.375 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

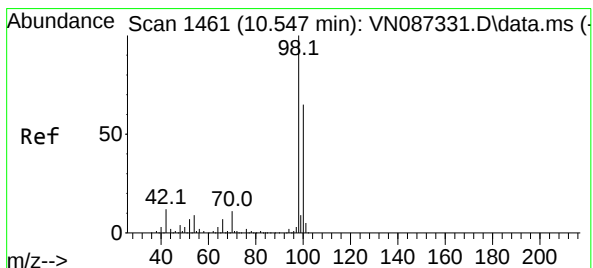
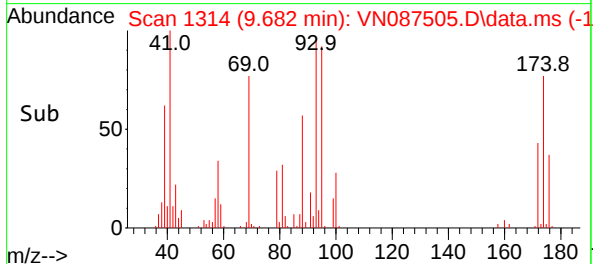
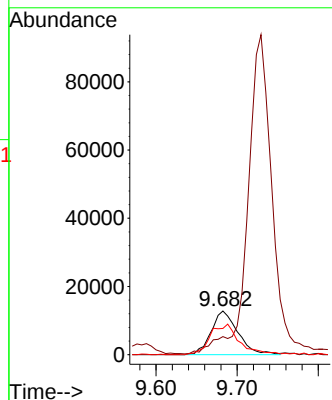
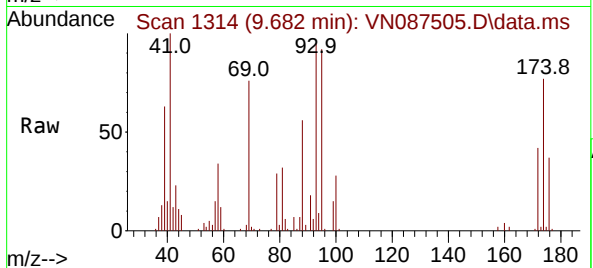
Tgt Ion: 88 Resp: 29359

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.7 61.1 91.7



#50

Toluene-d8

Concen: 46.161 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087505.D

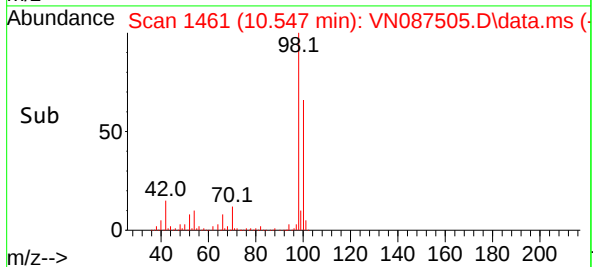
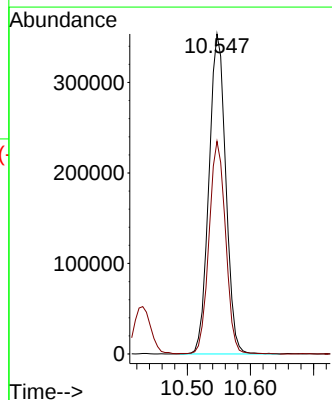
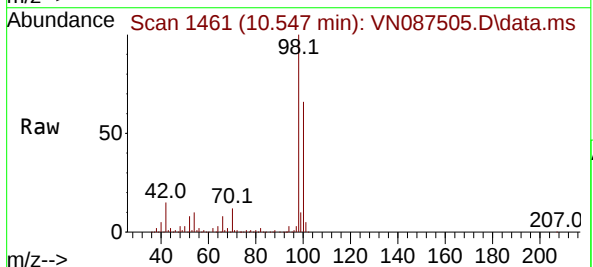
Acq: 12 Aug 2025 11:42

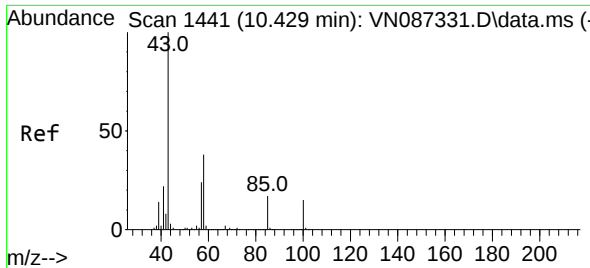
Tgt Ion: 98 Resp: 655005

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

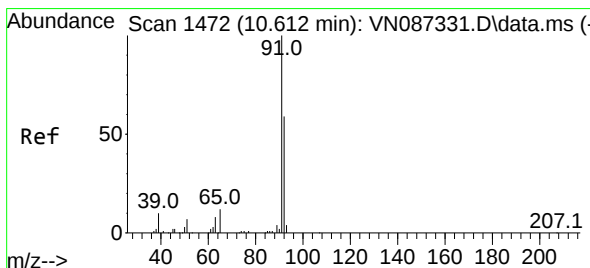
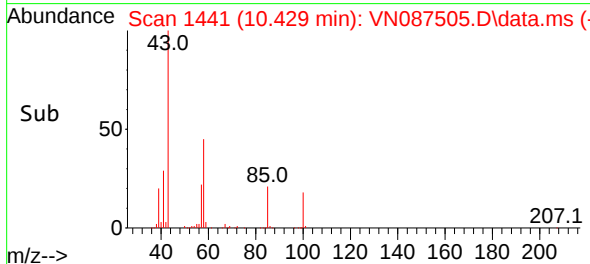
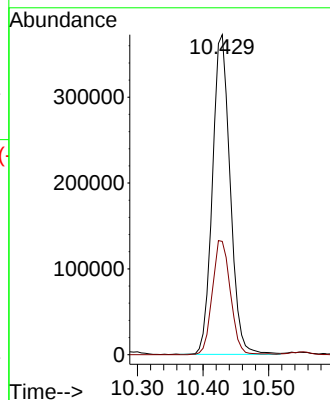
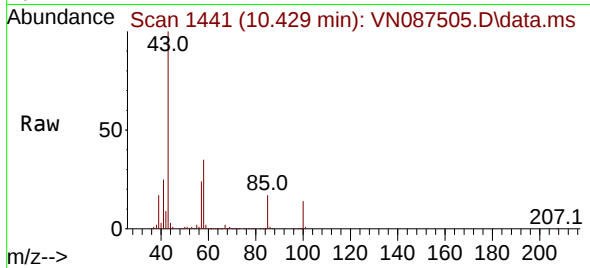




#51
4-Methyl-2-Pentanone
Concen: 93.893 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

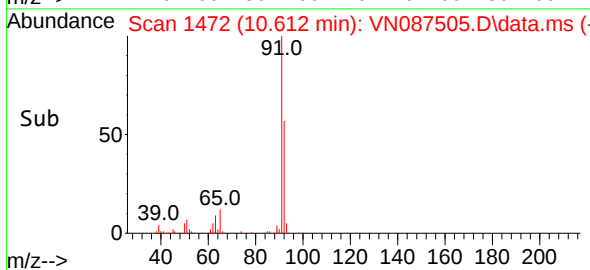
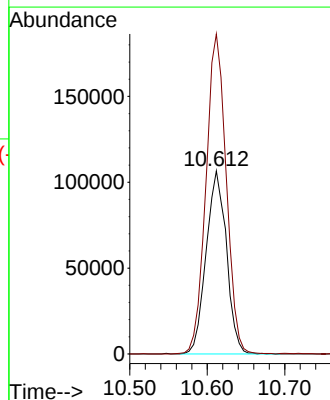
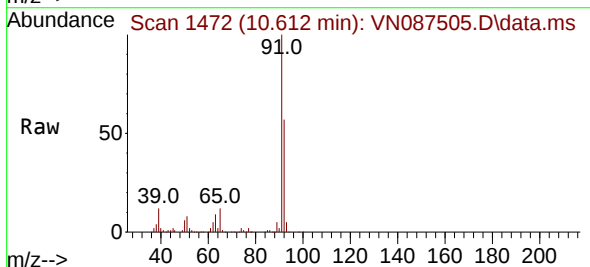
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

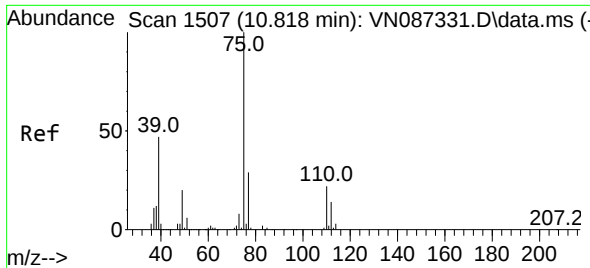
Tgt Ion: 43 Resp: 699710
Ion Ratio Lower Upper
43 100
58 36.5 30.8 46.2



#52
Toluene
Concen: 18.783 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 92 Resp: 193918
Ion Ratio Lower Upper
92 100
91 174.4 135.1 202.7

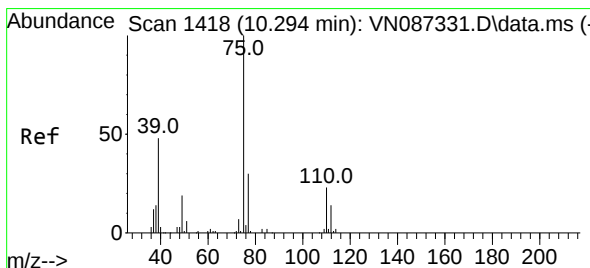
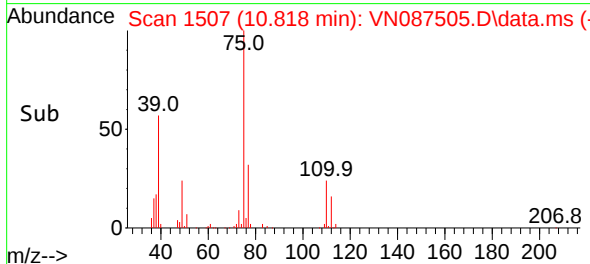
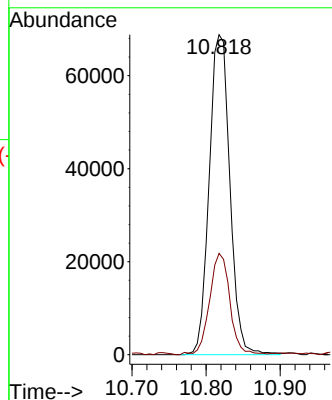
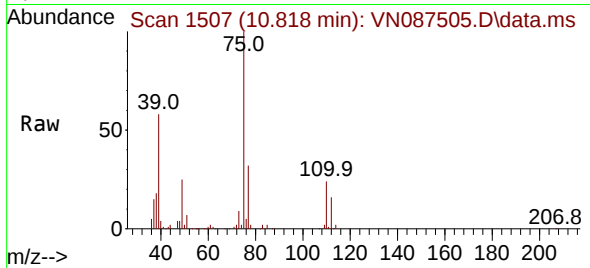




#53
t-1,3-Dichloropropene
Concen: 20.246 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

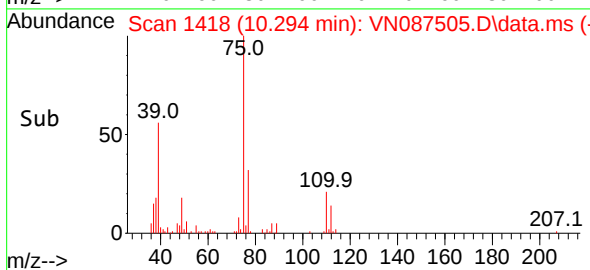
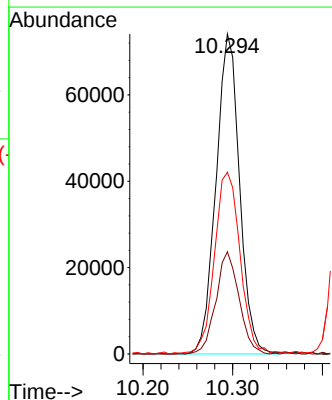
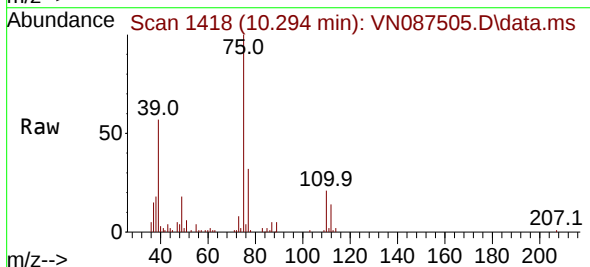
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

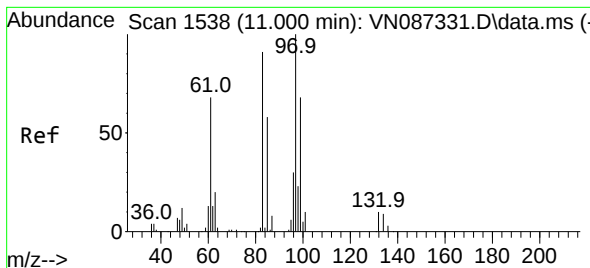
Tgt Ion: 75 Resp: 133370
Ion Ratio Lower Upper
75 100
77 31.6 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 19.851 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 135073
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.2
39 56.6 38.4 57.6





#55

1,1,2-Trichloroethane

Concen: 18.511 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.006 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

Tgt Ion: 97 Resp: 77374

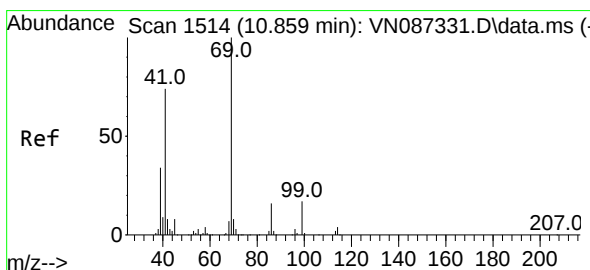
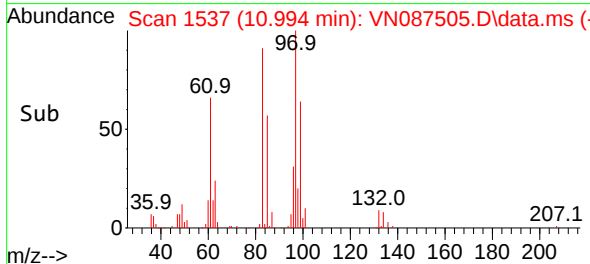
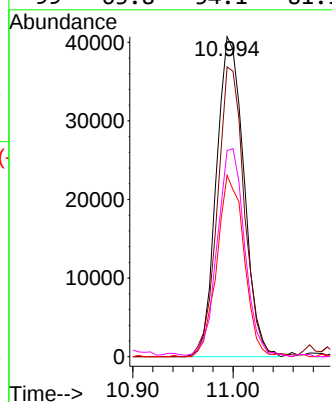
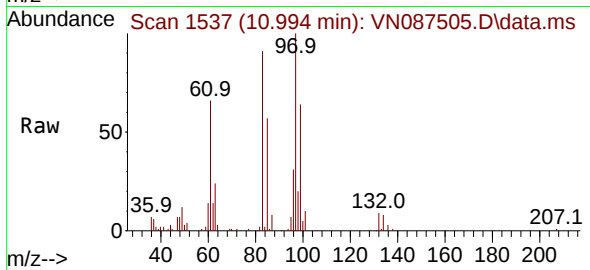
Ion Ratio Lower Upper

97 100

83 90.5 72.6 109.0

85 56.7 46.7 70.1

99 63.8 54.1 81.1



#56

Ethyl methacrylate

Concen: 19.869 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

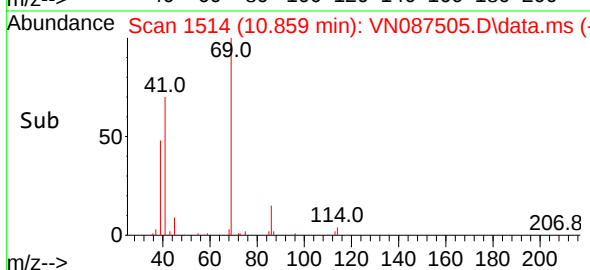
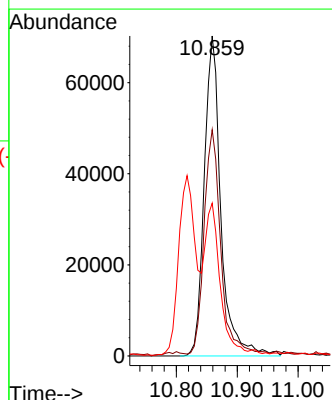
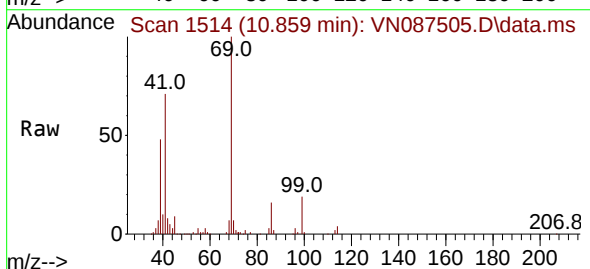
Tgt Ion: 69 Resp: 134186

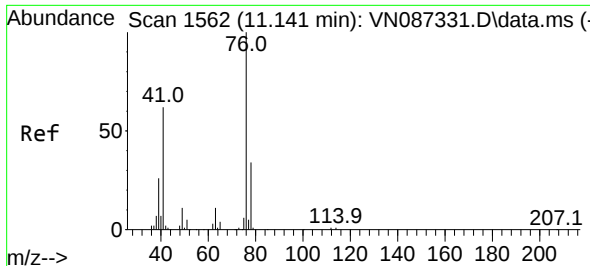
Ion Ratio Lower Upper

69 100

41 70.0 55.1 82.7

39 40.3 27.9 41.9





#57

1,3-Dichloropropane

Concen: 18.794 ug/l

RT: 11.147 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

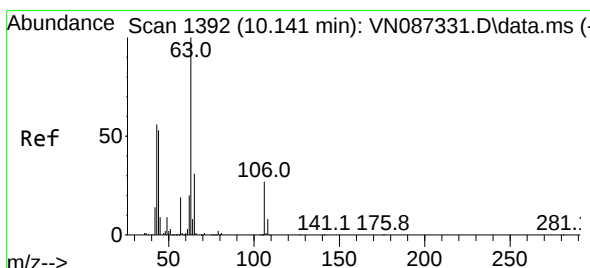
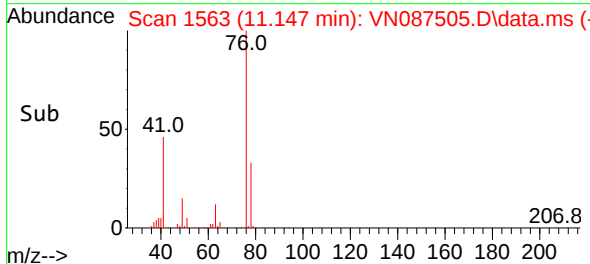
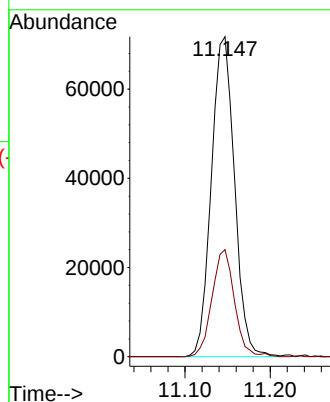
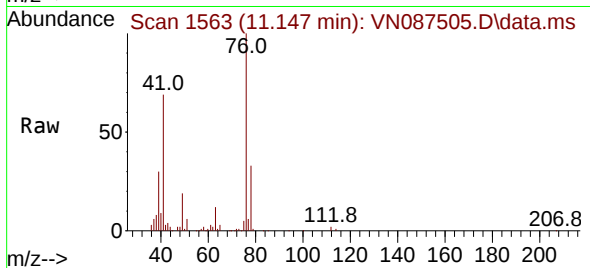
VN0812WBS01

Tgt Ion: 76 Resp: 135824

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 109.124 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087505.D

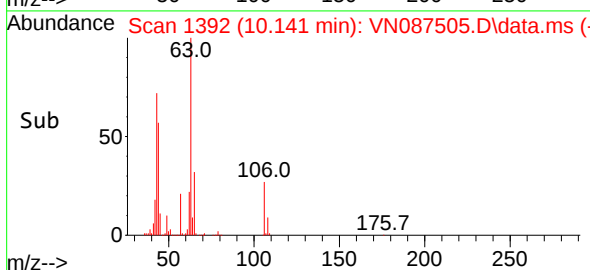
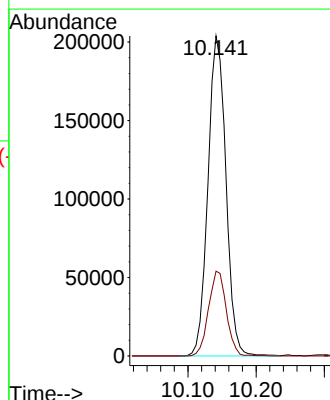
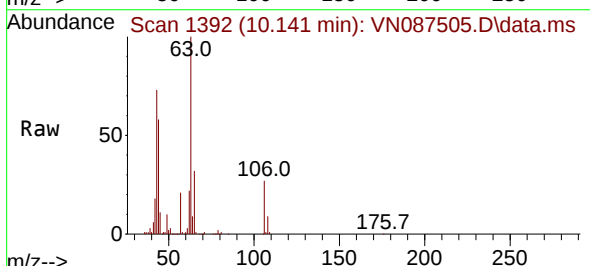
Acq: 12 Aug 2025 11:42

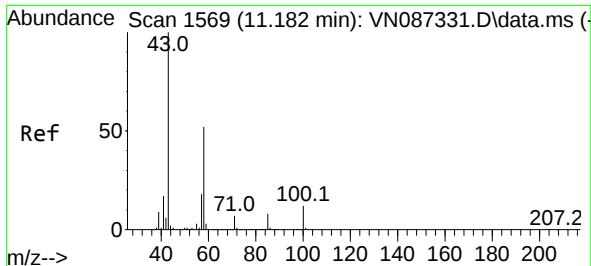
Tgt Ion: 63 Resp: 374162

Ion Ratio Lower Upper

63 100

106 26.2 21.7 32.5

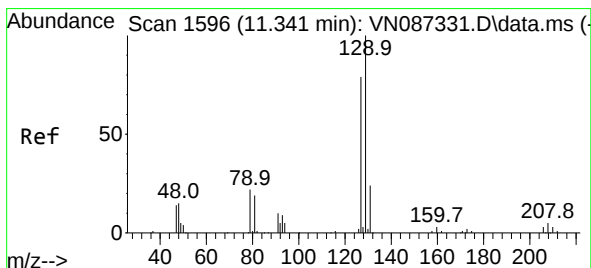
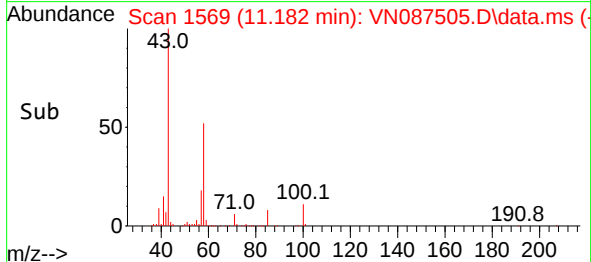
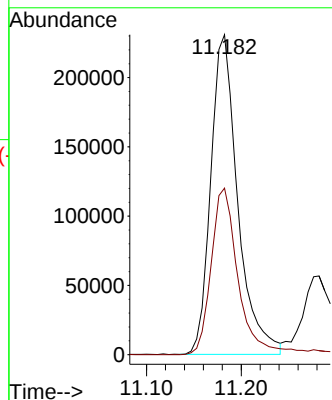
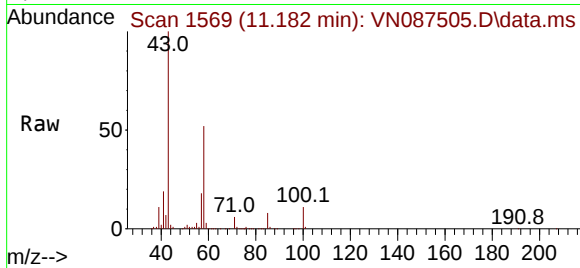




#59
2-Hexanone
Concen: 92.251 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

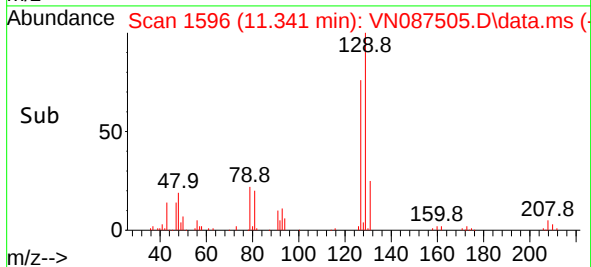
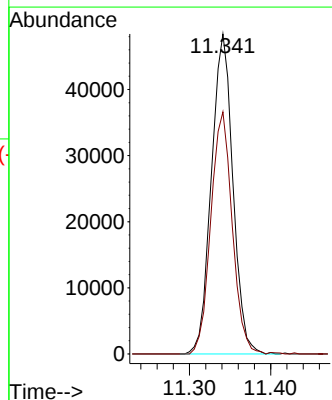
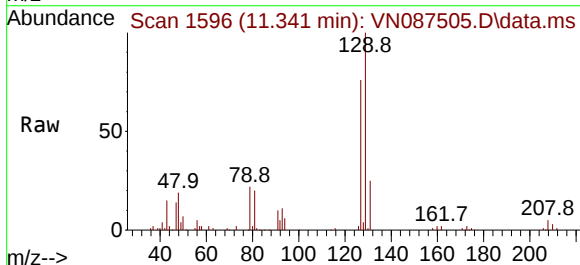
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

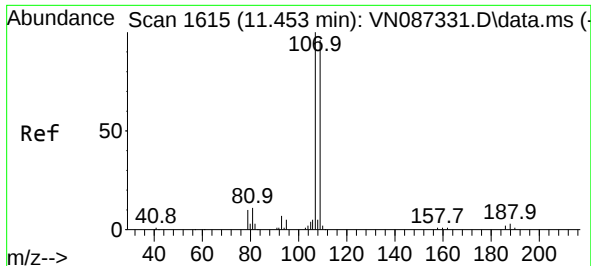
Tgt Ion: 43 Resp: 456112
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.0



#60
Dibromochloromethane
Concen: 18.662 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 129 Resp: 88960
Ion Ratio Lower Upper
129 100
127 75.2 39.1 117.5

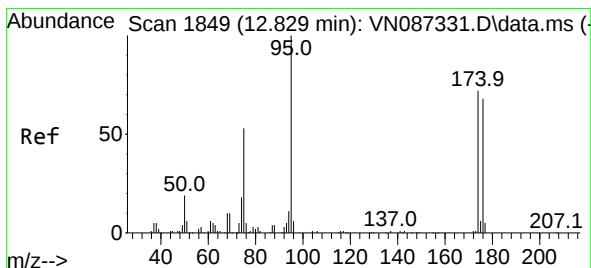
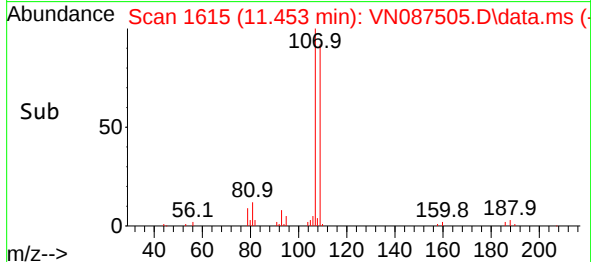
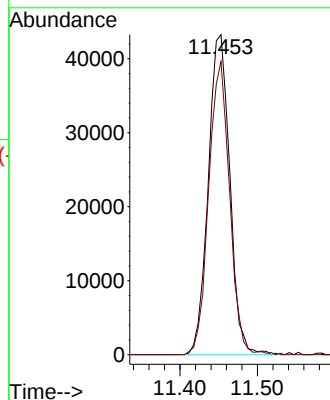
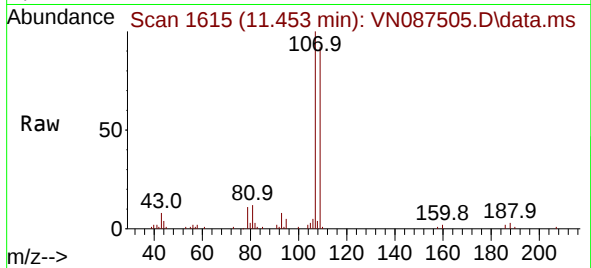




#61
1,2-Dibromoethane
Concen: 18.989 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

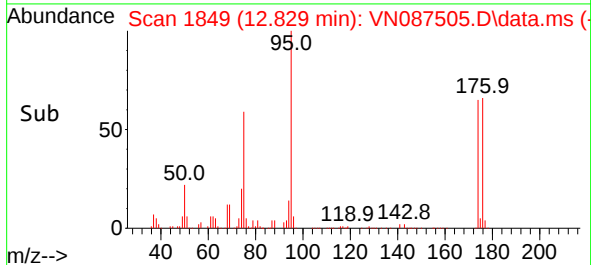
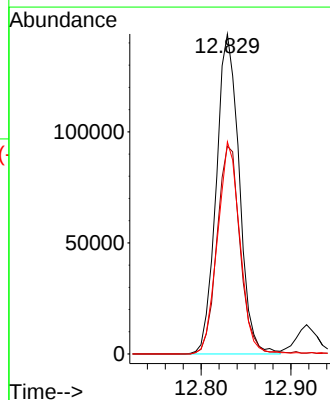
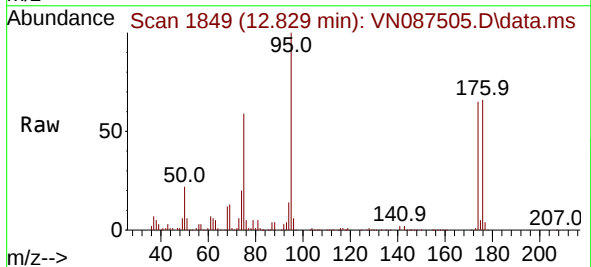
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

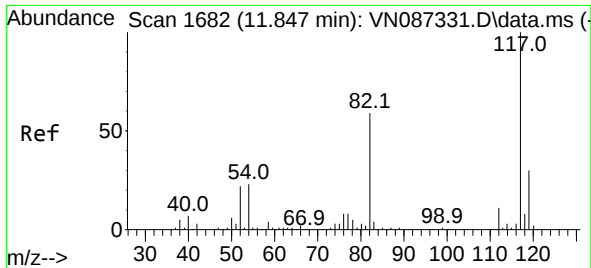
Tgt Ion:107 Resp: 83456
Ion Ratio Lower Upper
107 100
109 88.9 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 48.740 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 95 Resp: 255516
Ion Ratio Lower Upper
95 100
174 65.5 0.0 149.4
176 64.8 0.0 141.2

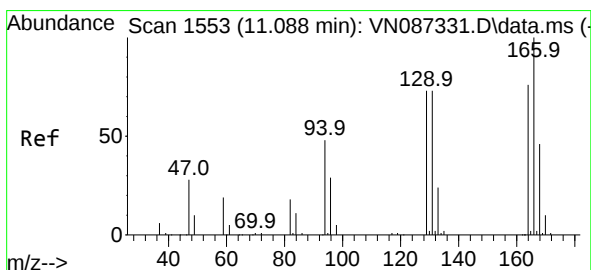
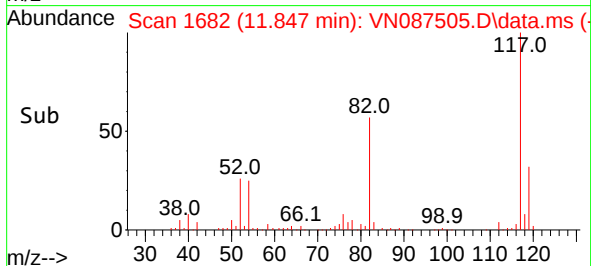
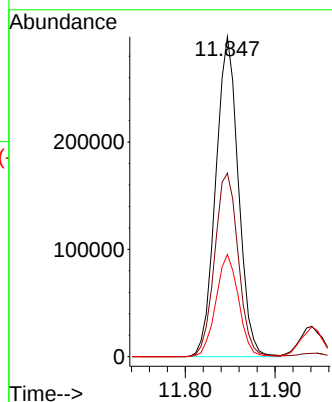
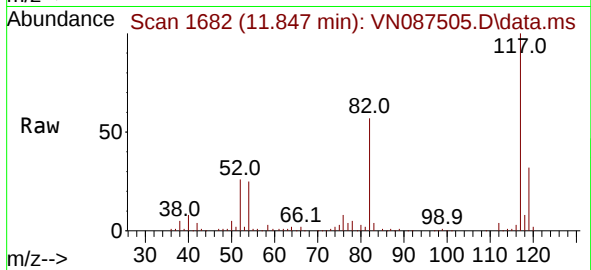




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

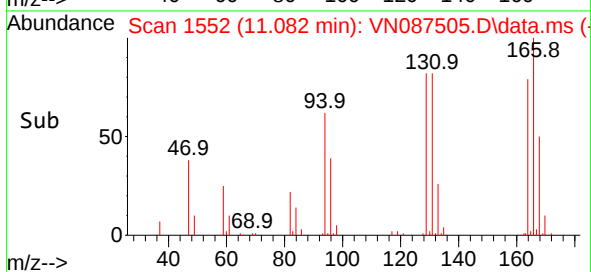
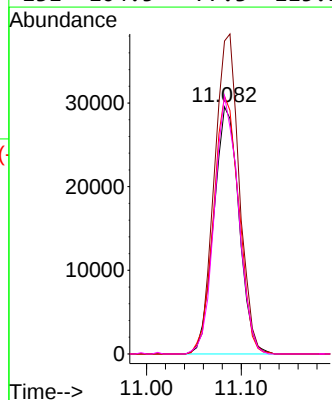
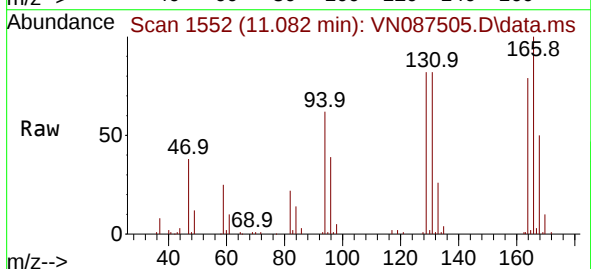
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

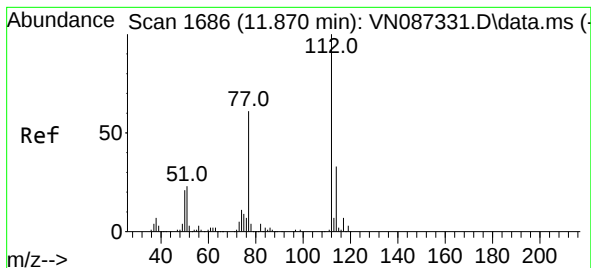
Tgt Ion:117 Resp: 523240
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.9 23.8 35.8



#64
Tetrachloroethene
Concen: 16.247 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:164 Resp: 54713
Ion Ratio Lower Upper
164 100
166 126.7 105.5 158.3
129 104.3 77.4 116.2
131 104.5 77.3 115.9





#65

Chlorobenzene

Concen: 17.840 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

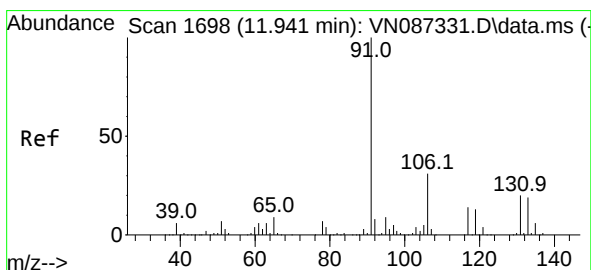
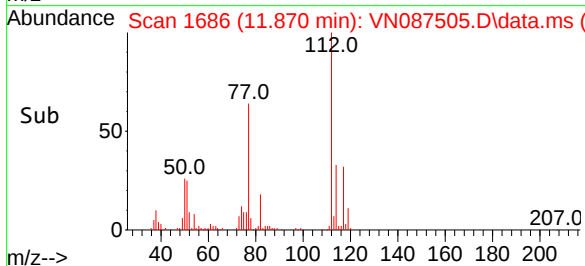
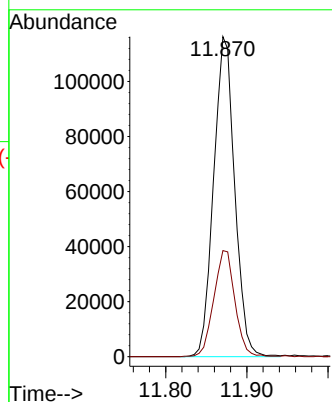
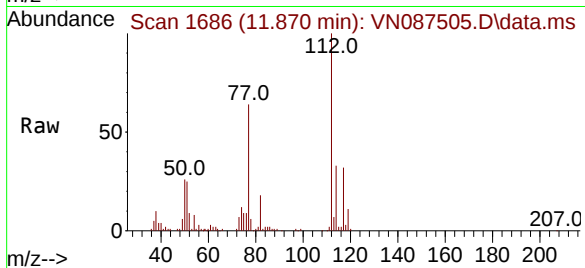
VN0812WBS01

Tgt Ion:112 Resp: 209568

Ion Ratio Lower Upper

112 100

114 33.1 26.5 39.7



#66

1,1,1,2-Tetrachloroethane

Concen: 18.192 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

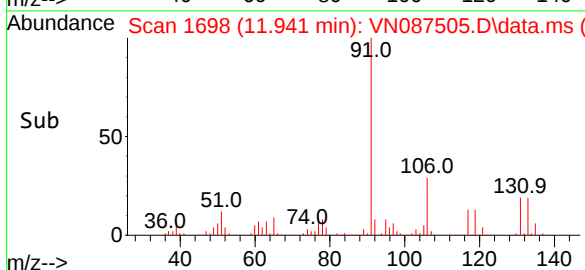
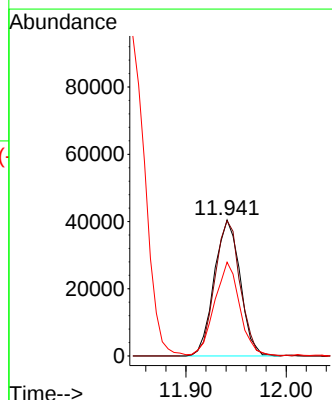
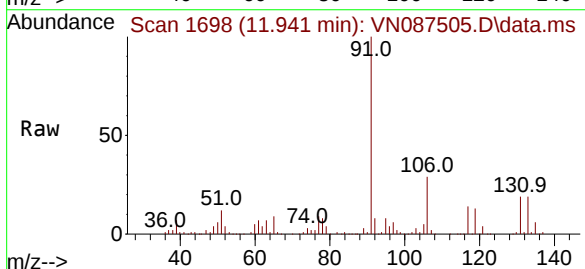
Tgt Ion:131 Resp: 72668

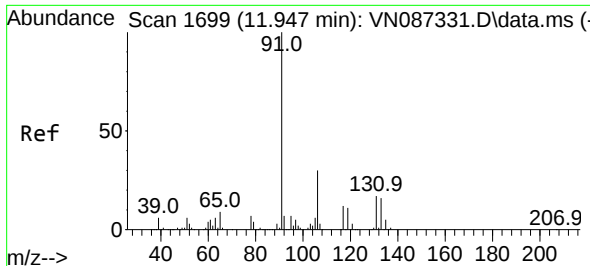
Ion Ratio Lower Upper

131 100

133 97.9 47.4 142.3

119 67.4 33.1 99.2

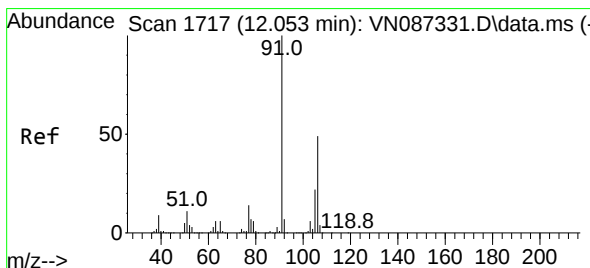
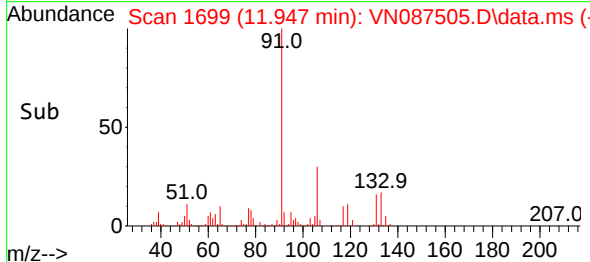
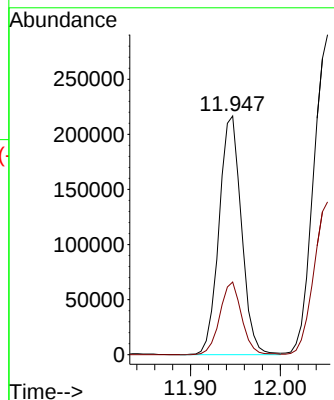
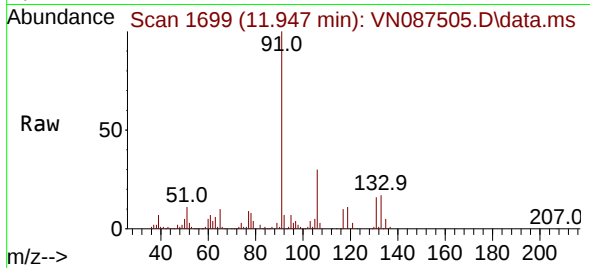




#67
Ethyl Benzene
Concen: 19.403 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

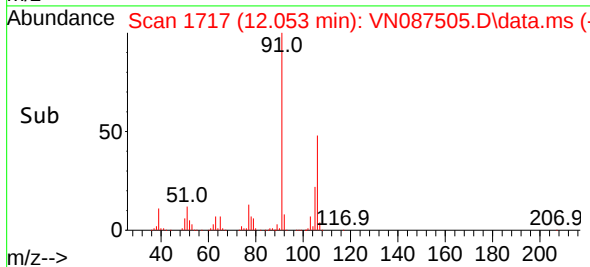
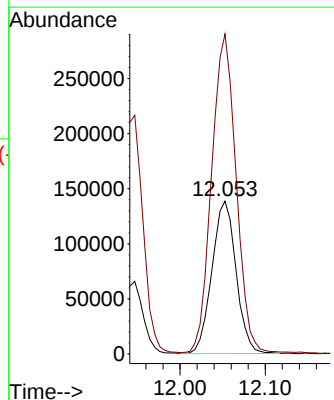
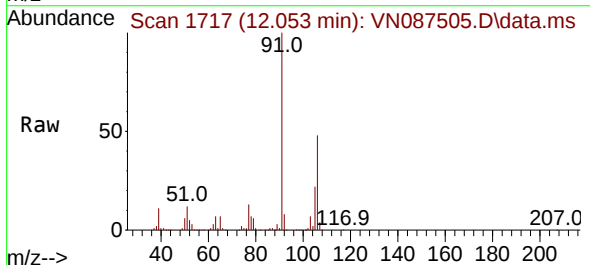
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

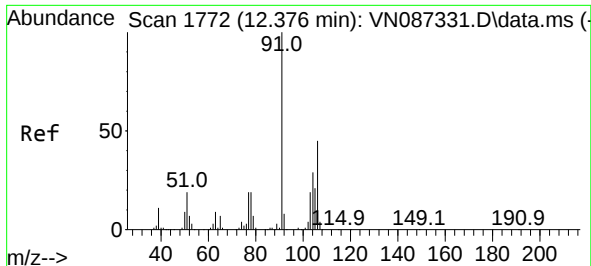
Tgt Ion: 91 Resp: 375225
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 37.530 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 106 Resp: 271778
Ion Ratio Lower Upper
106 100
91 215.0 162.0 243.0

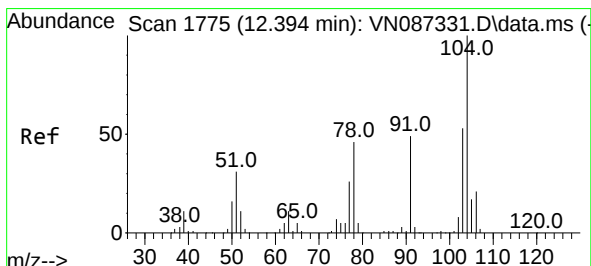
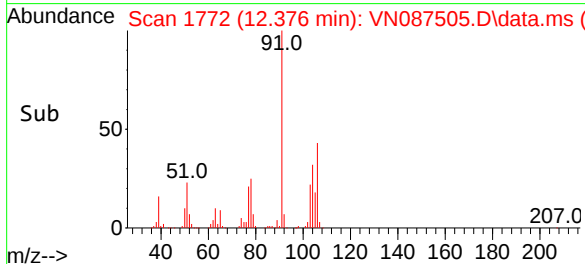
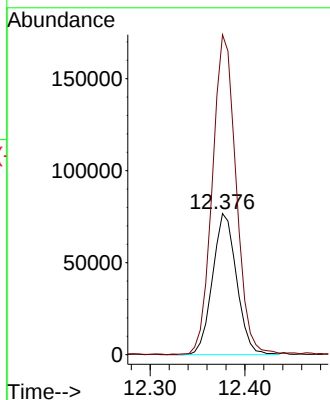
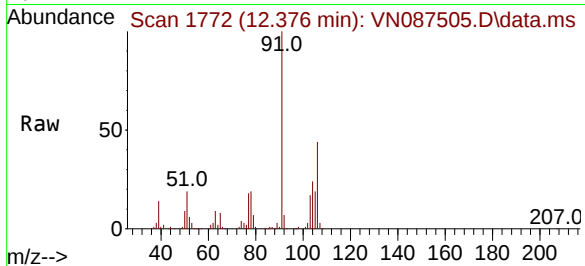




#69
o-Xylene
Concen: 19.577 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

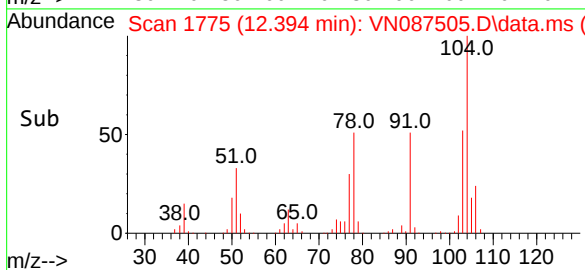
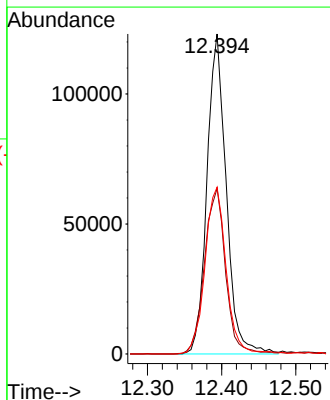
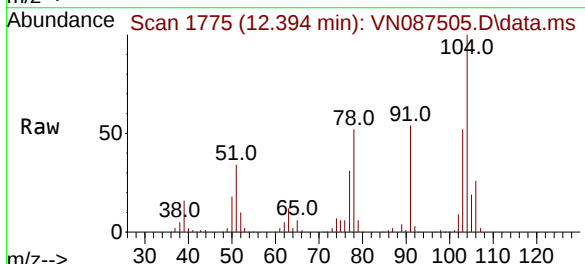
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

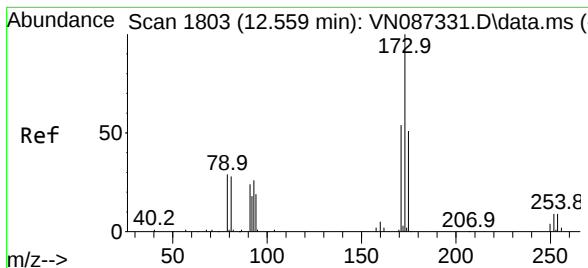
Tgt Ion:106 Resp: 135420
Ion Ratio Lower Upper
106 100
91 225.1 107.7 323.3



#70
Styrene
Concen: 19.070 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:104 Resp: 221910
Ion Ratio Lower Upper
104 100
78 56.9 41.0 61.6
103 57.5 43.9 65.9





#71

Bromoform

Concen: 17.109 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

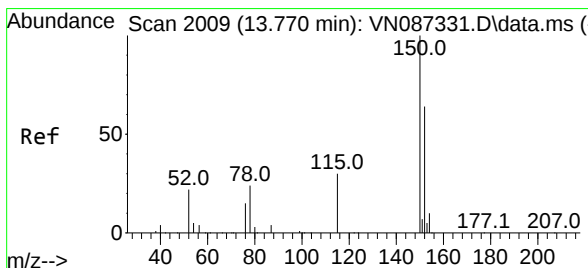
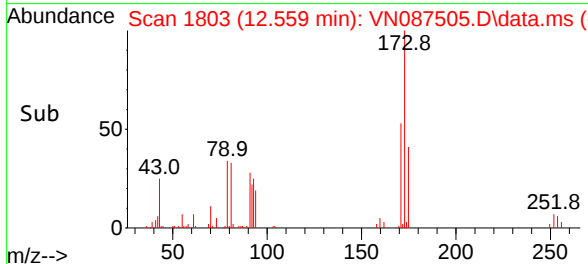
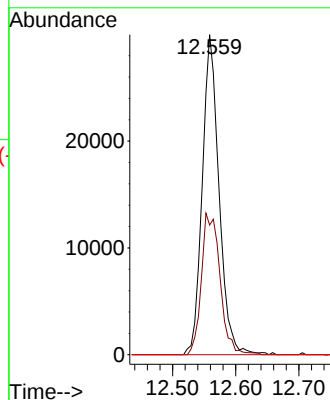
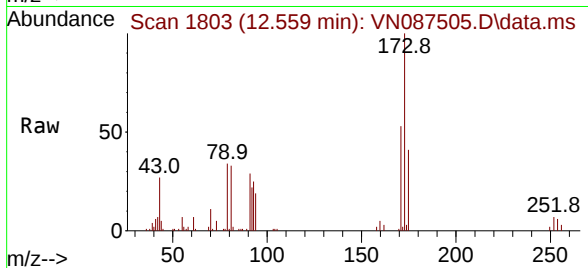
Tgt Ion:173 Resp: 55211

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

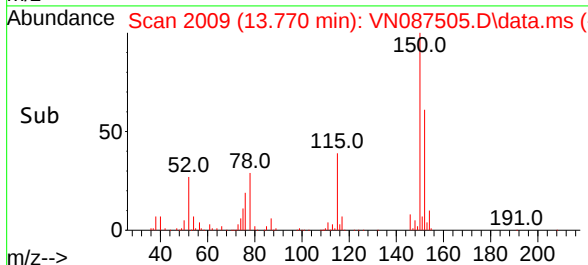
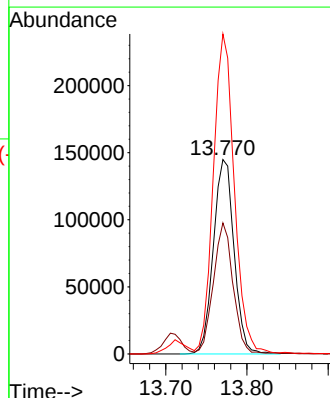
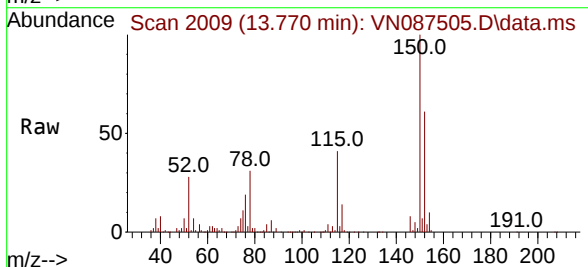
Tgt Ion:152 Resp: 256652

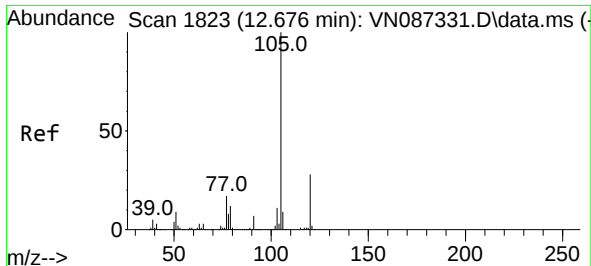
Ion Ratio Lower Upper

152 100

115 63.0 31.1 93.5

150 165.2 0.0 349.0

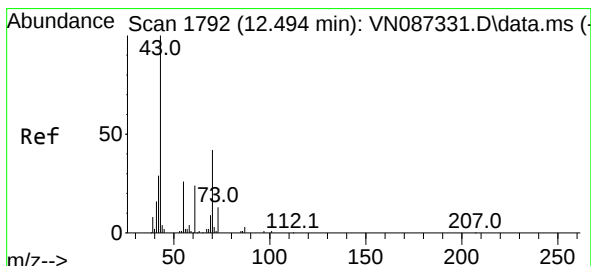
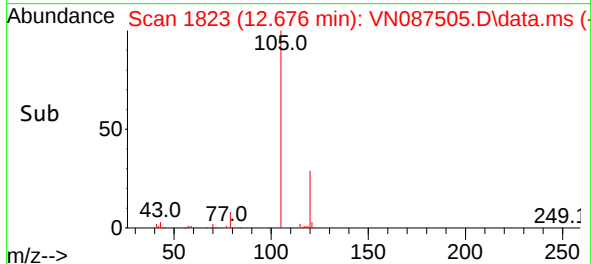
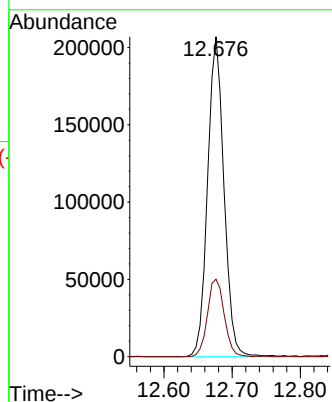
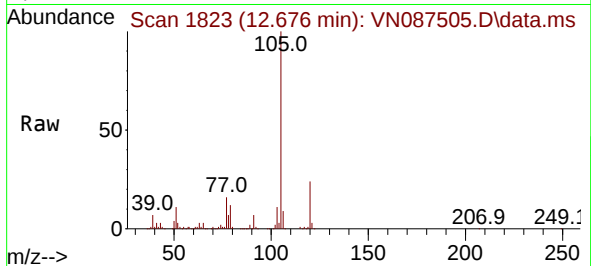




#73
Isopropylbenzene
Concen: 21.398 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

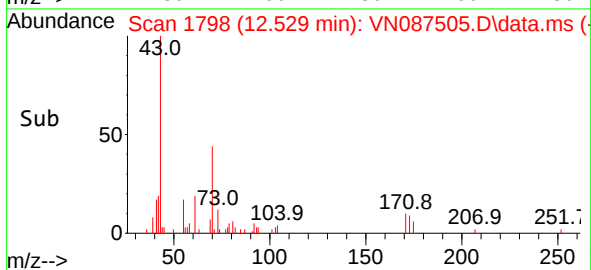
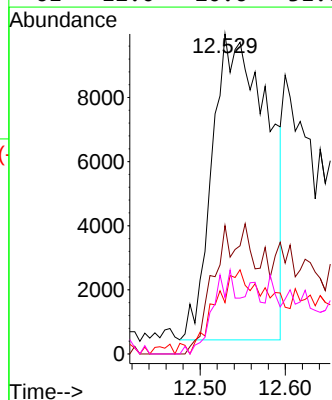
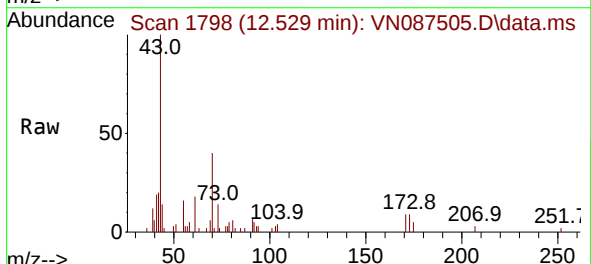
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

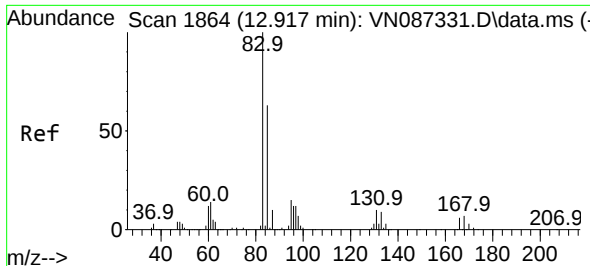
Tgt Ion:105 Resp: 345641
Ion Ratio Lower Upper
105 100
120 24.9 13.4 40.1



#74
N-ethyl acetate
Concen: 6.397 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.035 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 42929
Ion Ratio Lower Upper
43 100
70 14.3 37.6 56.4#
55 0.0 19.6 29.4#
61 12.0 20.6 31.0#

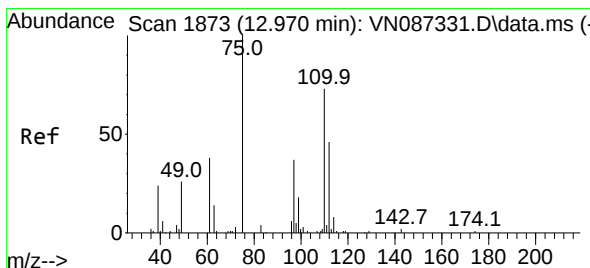
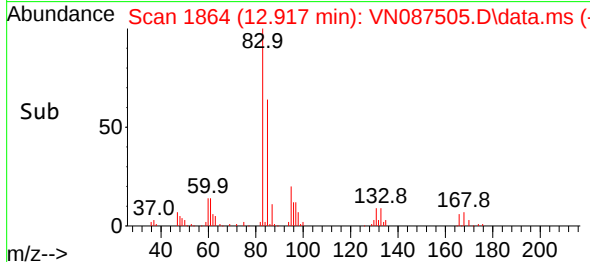
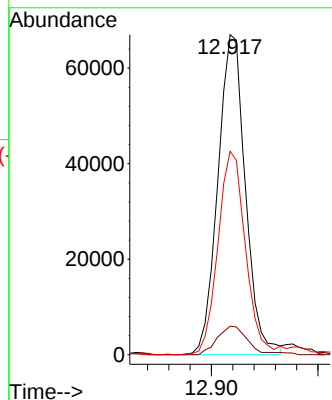
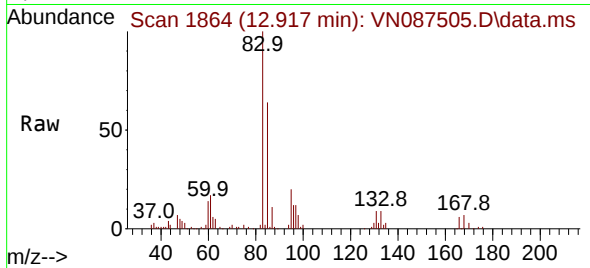




#75
1,1,2,2-Tetrachloroethane
Concen: 19.767 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

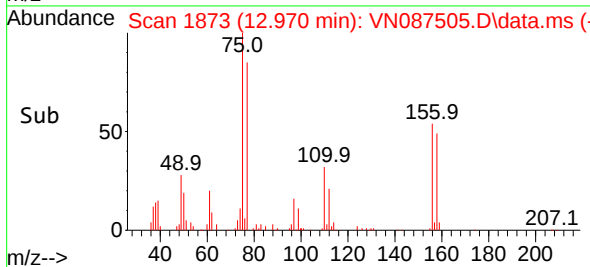
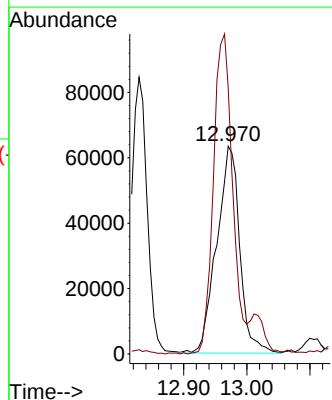
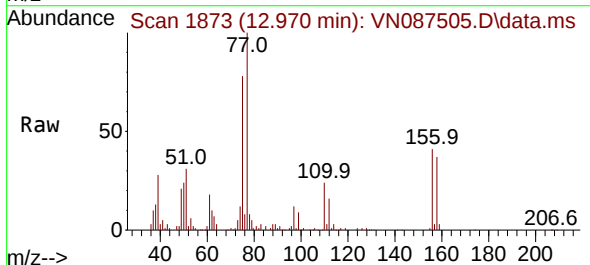
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

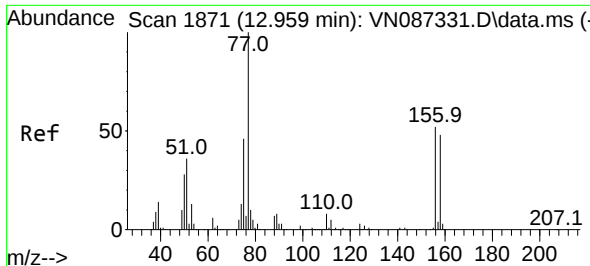
Tgt Ion: 83 Resp: 120145
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 63.1 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 27.815 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 160082
Ion Ratio Lower Upper
75 100
77 128.4 94.5 283.6

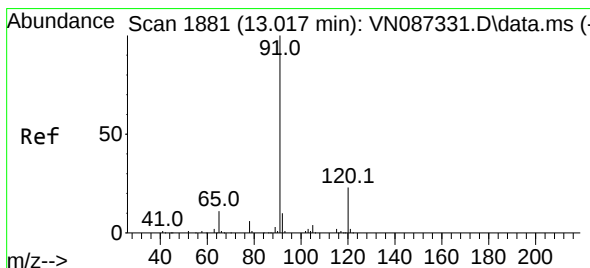
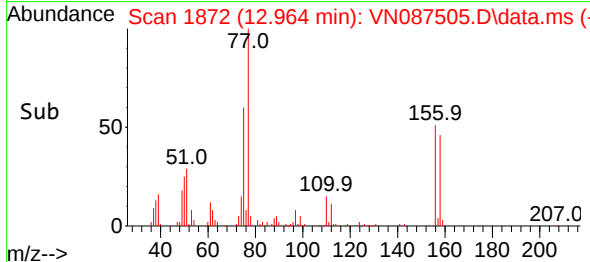
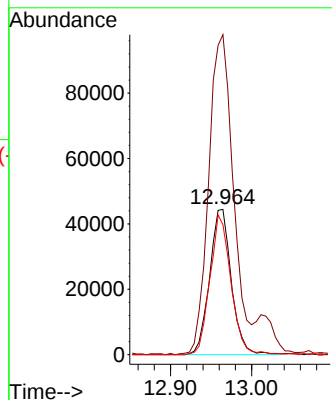
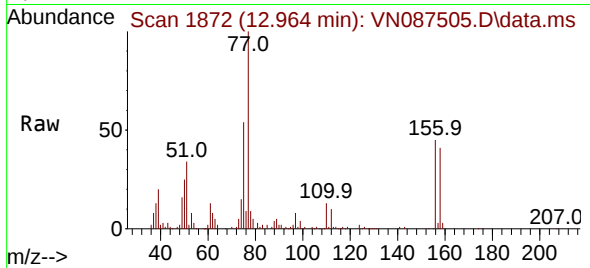




#77
Bromobenzene
Concen: 19.748 ug/l
RT: 12.964 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

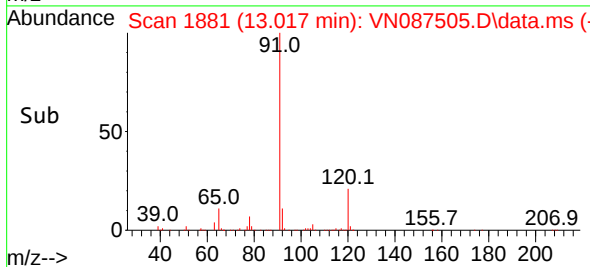
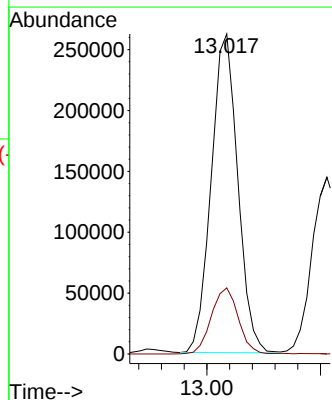
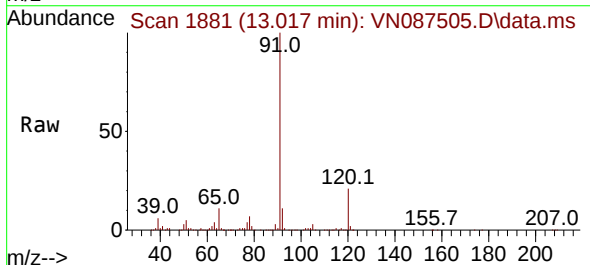
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

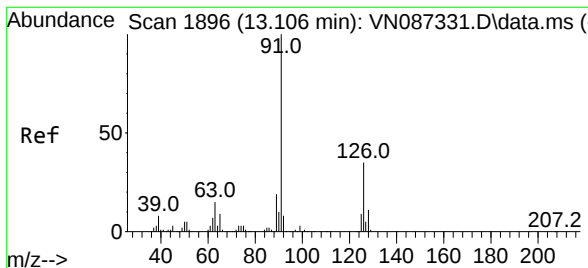
Tgt Ion:156 Resp: 82729
Ion Ratio Lower Upper
156 100
77 248.5 114.9 344.6
158 92.9 48.5 145.5



#78
n-propylbenzene
Concen: 20.923 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 425221
Ion Ratio Lower Upper
91 100
120 21.1 11.3 33.8

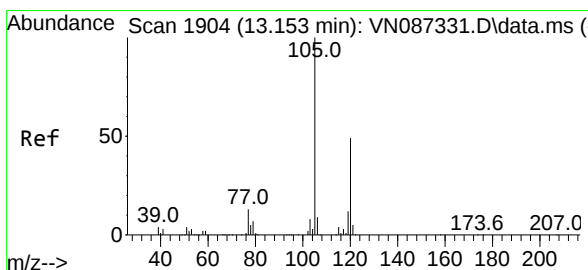
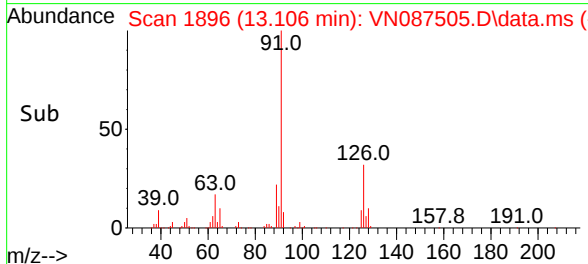
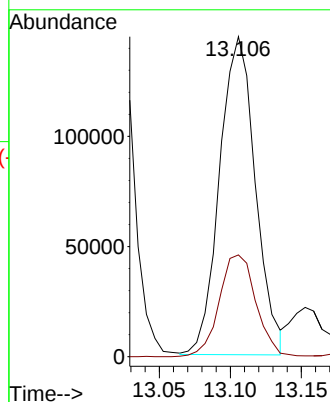
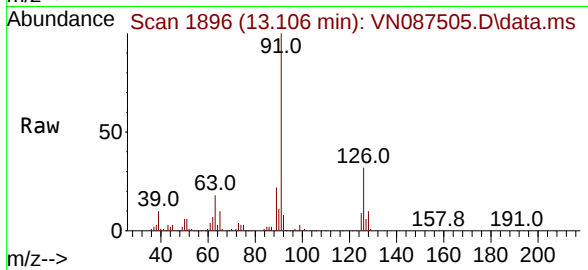




#79
2-Chlorotoluene
Concen: 20.291 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

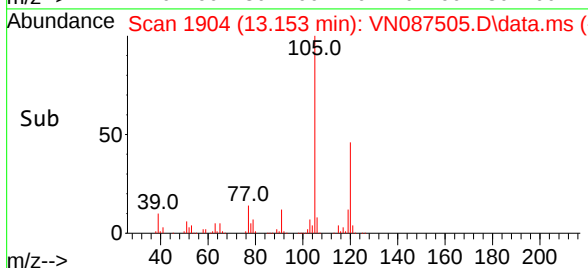
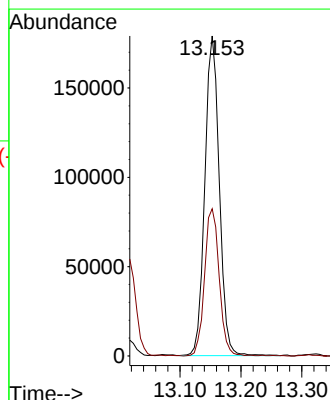
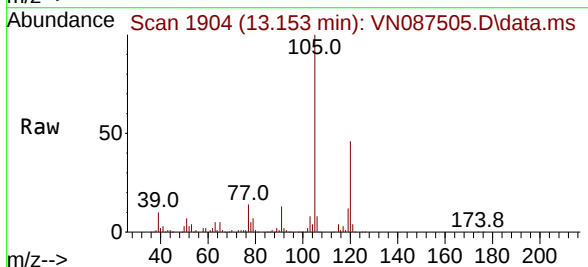
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

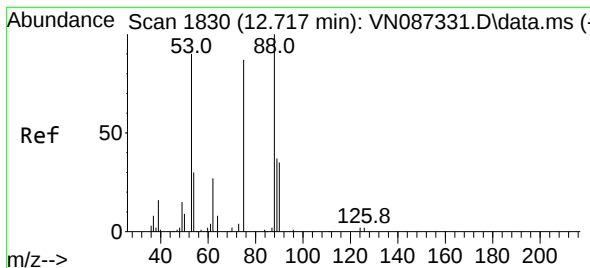
Tgt Ion: 91 Resp: 253436
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.472 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 105 Resp: 295518
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.8

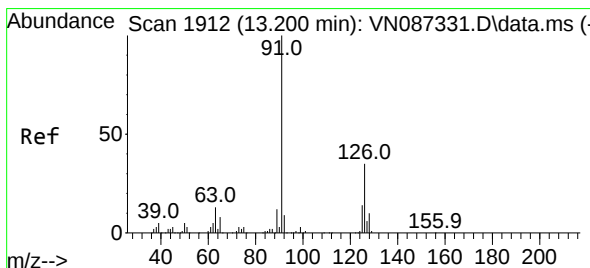
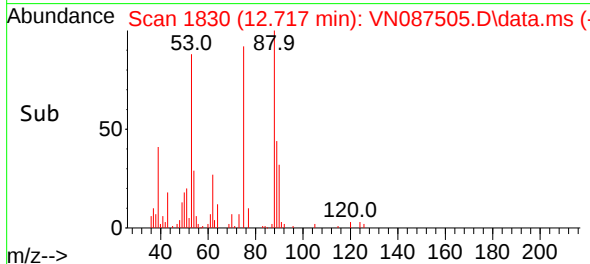
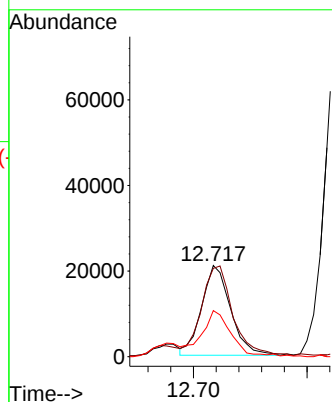
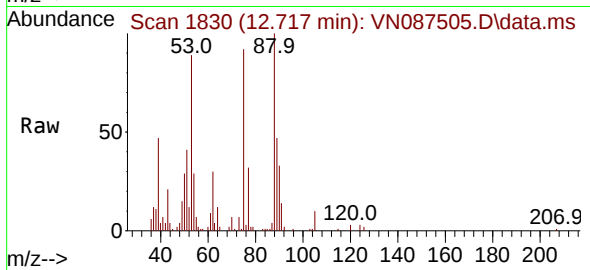




#81
trans-1,4-Dichloro-2-butene
Concen: 17.719 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

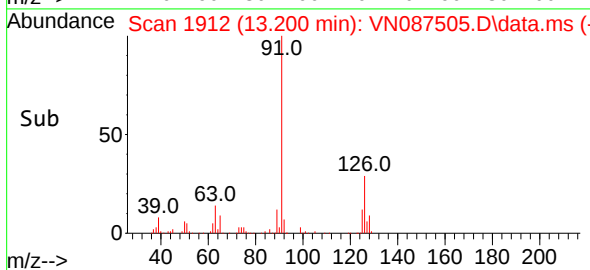
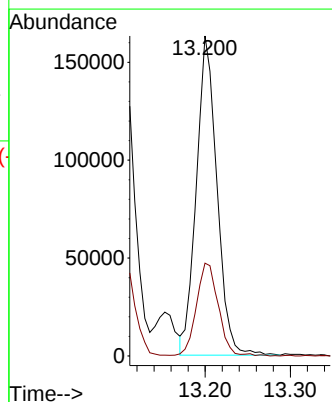
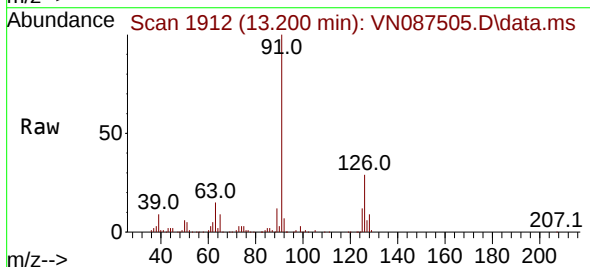
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

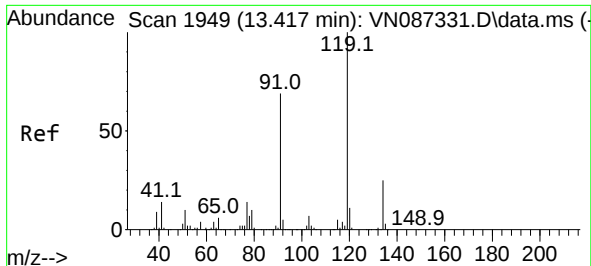
Tgt Ion: 75 Resp: 37270
Ion Ratio Lower Upper
75 100
53 111.1 83.5 125.3
89 53.1 38.4 57.6



#82
4-Chlorotoluene
Concen: 21.032 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 273495
Ion Ratio Lower Upper
91 100
126 31.1 16.6 49.7

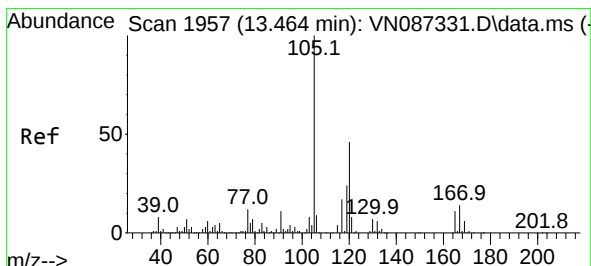
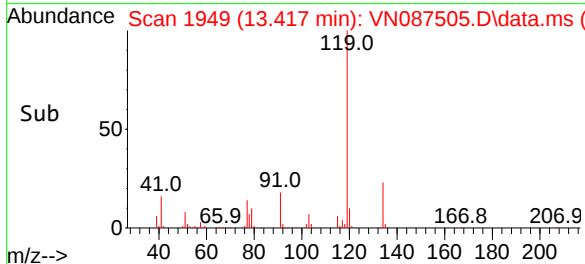
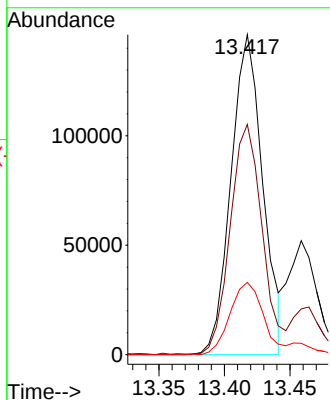
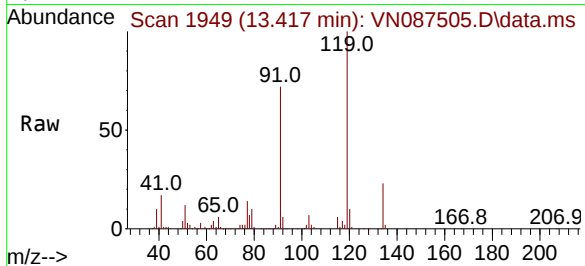




#83
 tert-Butylbenzene
 Concen: 21.419 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

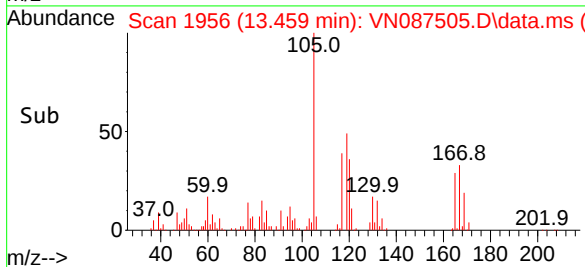
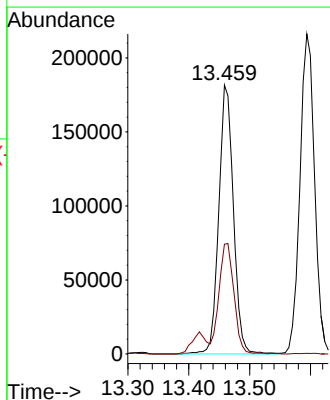
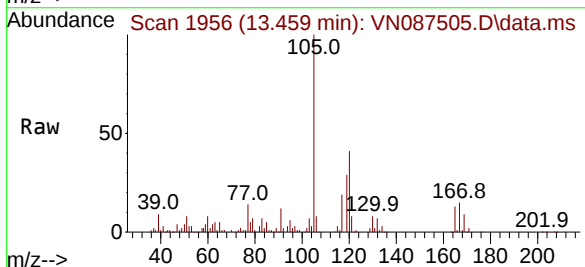
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

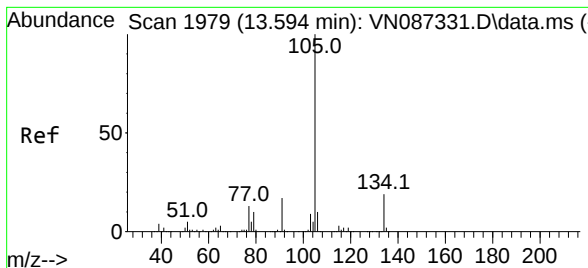
Tgt Ion:119 Resp: 246210
 Ion Ratio Lower Upper
 119 100
 91 72.4 35.0 105.1
 134 23.8 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.598 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion:105 Resp: 303556
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.8 68.3

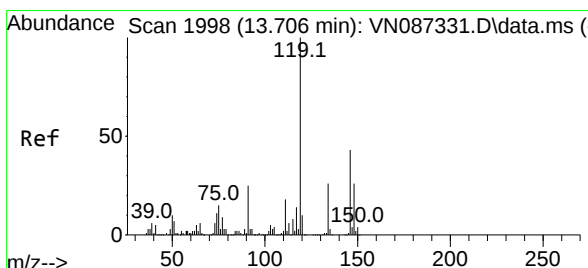
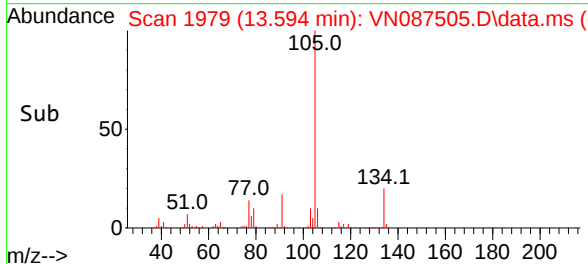
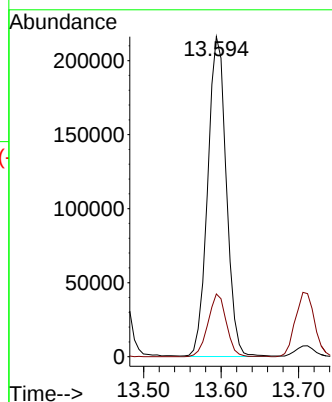
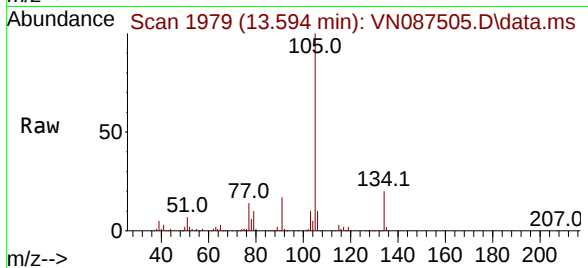




#85
 sec-Butylbenzene
 Concen: 20.792 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

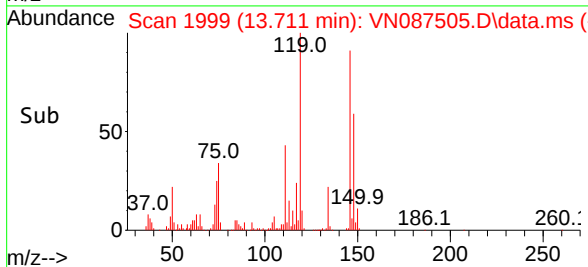
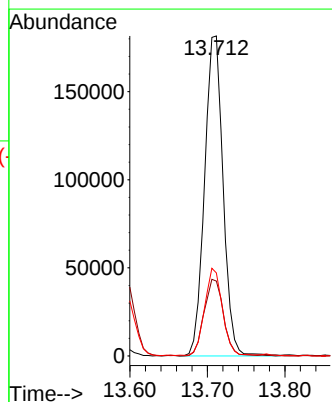
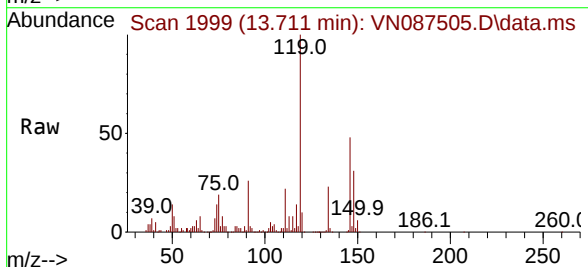
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

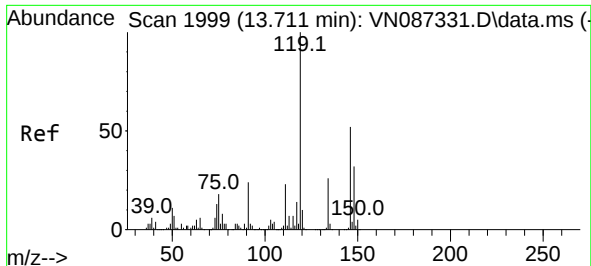
Tgt Ion:105 Resp: 360000
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.765 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion:119 Resp: 302007
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.5 40.5
 91 25.8 12.2 36.6

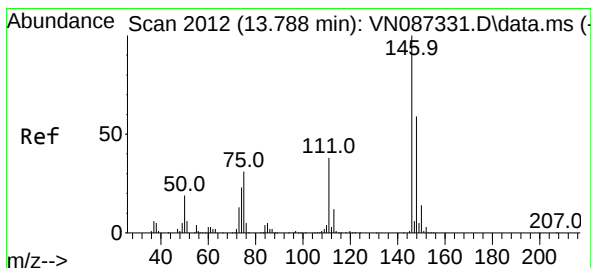
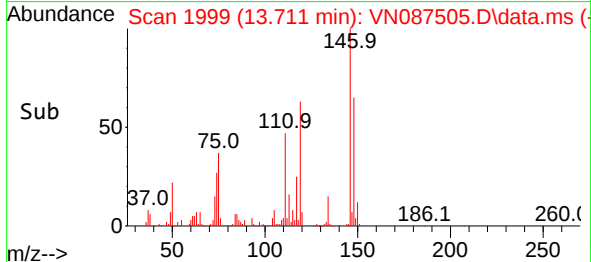
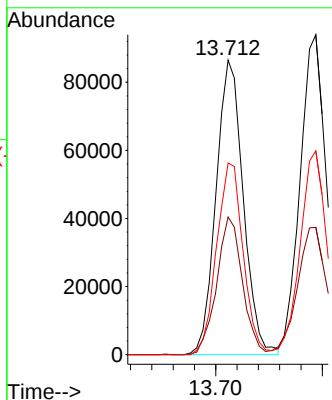
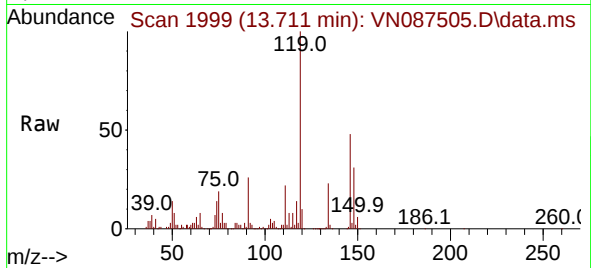




#87
 1,3-Dichlorobenzene
 Concen: 18.628 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

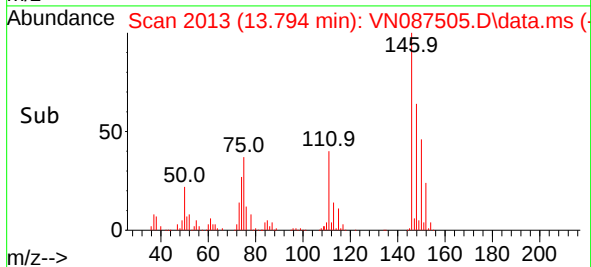
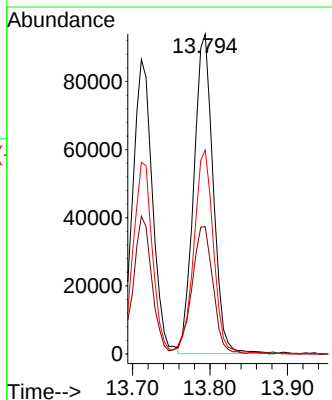
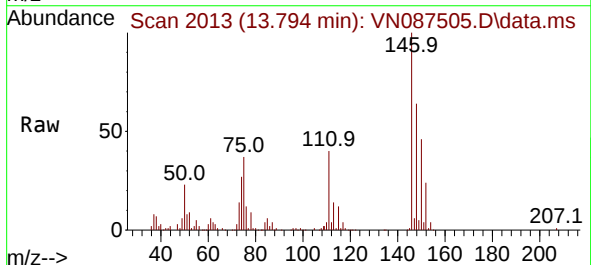
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

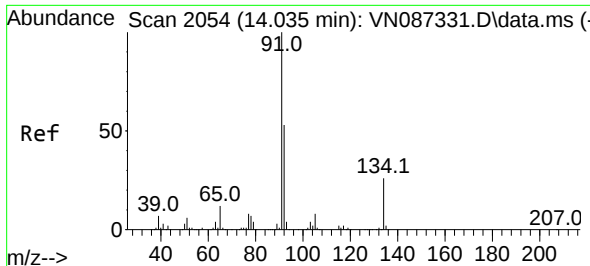
Tgt Ion:146 Resp: 153160
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.4 64.3
 148 63.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.550 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion:146 Resp: 162894
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.6 58.7
 148 64.5 31.4 94.0

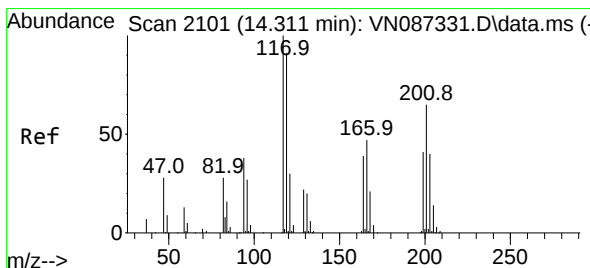
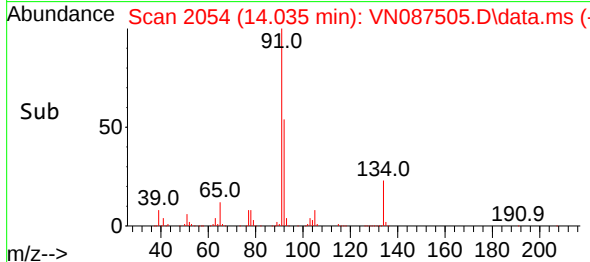
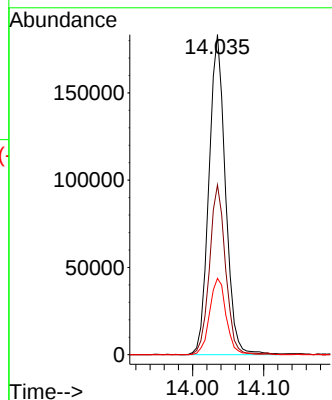
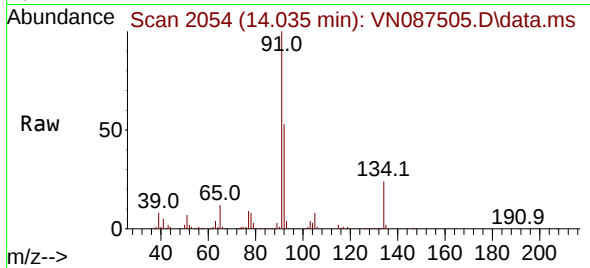




#89
n-Butylbenzene
Concen: 22.381 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

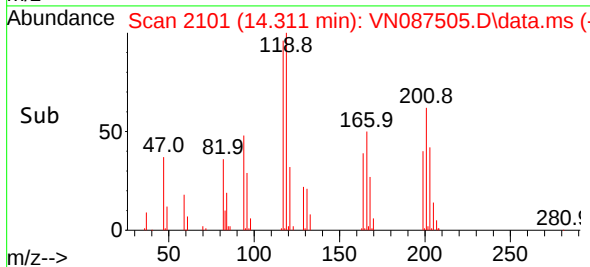
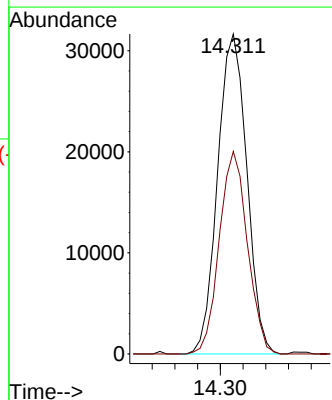
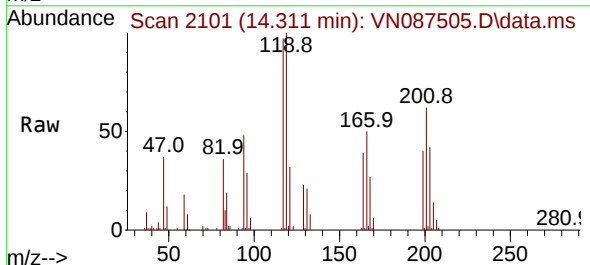
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

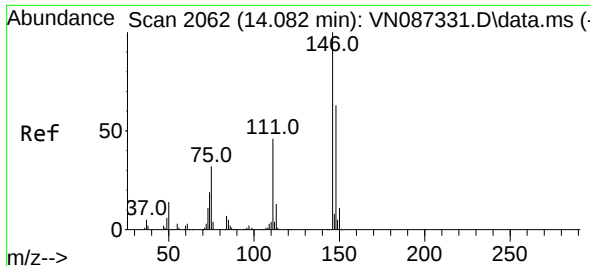
Tgt Ion: 91 Resp: 296535
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.6
134 23.9 12.4 37.2



#90
Hexachloroethane
Concen: 19.211 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 117 Resp: 56479
Ion Ratio Lower Upper
117 100
201 61.1 32.8 98.4

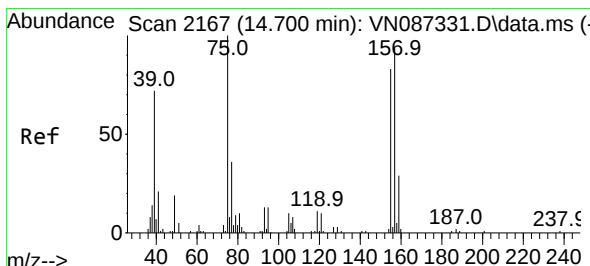
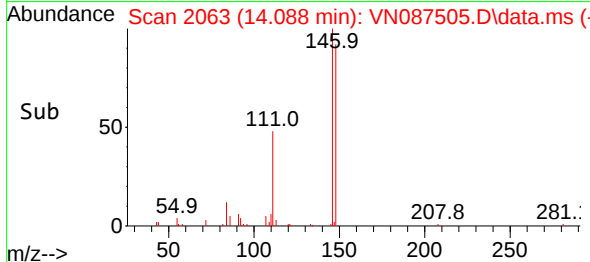
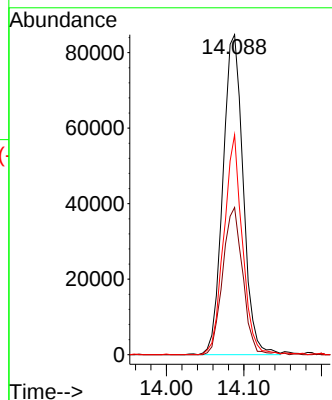
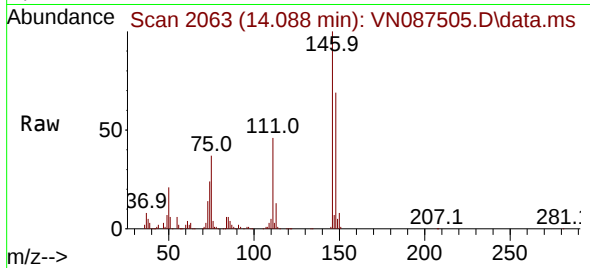




#91
 1,2-Dichlorobenzene
 Concen: 19.776 ug/l
 RT: 14.088 min Scan# 2063
 Delta R.T. 0.006 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

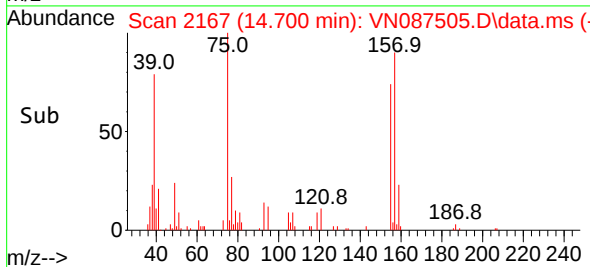
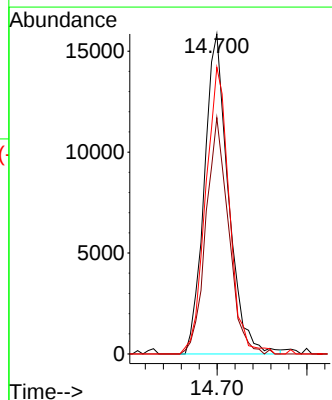
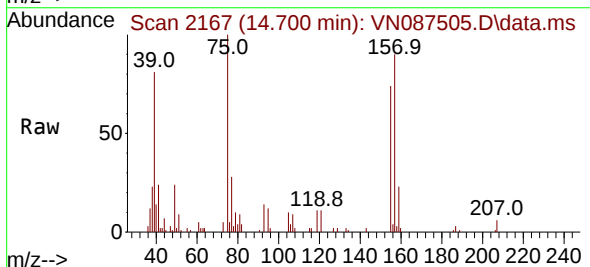
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

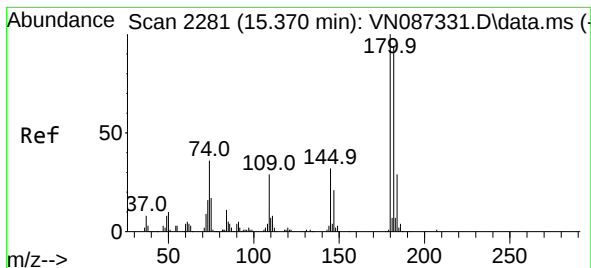
Tgt Ion:146 Resp: 154034
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.0 66.0
 148 63.2 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.519 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087505.D
 Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 29553
 Ion Ratio Lower Upper
 75 100
 155 69.6 37.3 111.8
 157 87.6 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 20.669 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

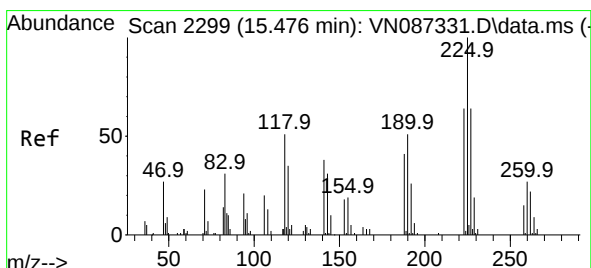
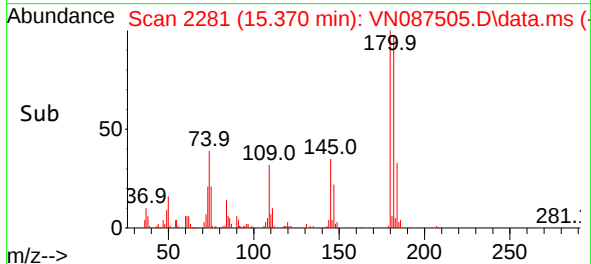
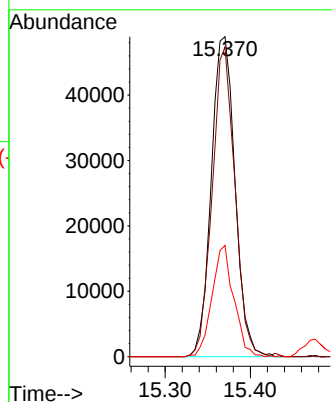
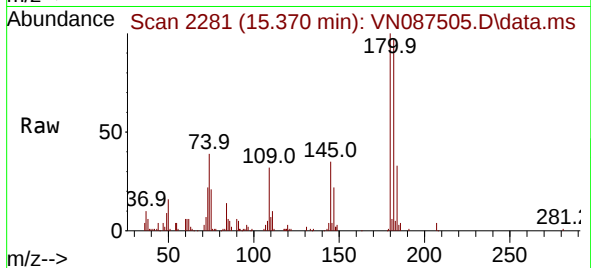
Tgt Ion:180 Resp: 94568

Ion Ratio Lower Upper

180 100

182 92.4 47.3 141.8

145 31.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 19.964 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

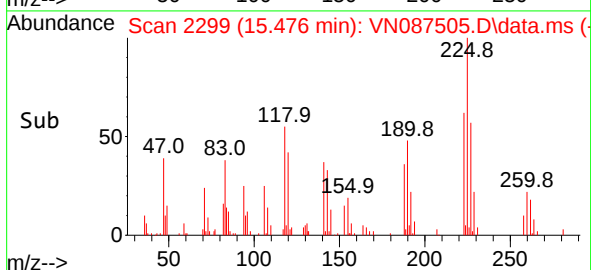
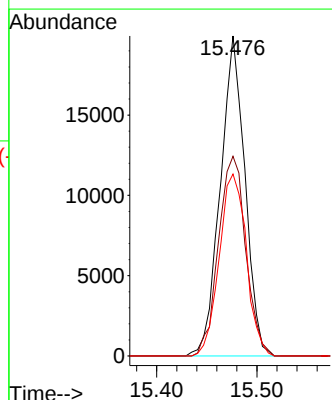
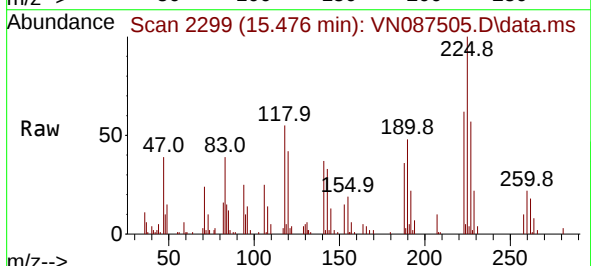
Tgt Ion:225 Resp: 33941

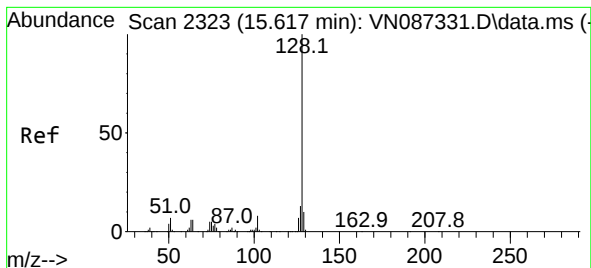
Ion Ratio Lower Upper

225 100

223 69.4 32.1 96.3

227 62.5 31.3 93.9





#95

Naphthalene

Concen: 19.967 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

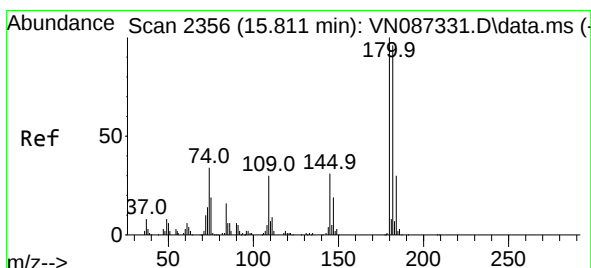
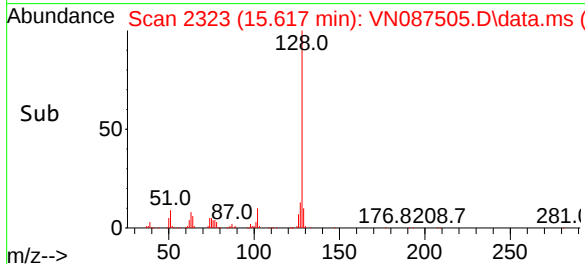
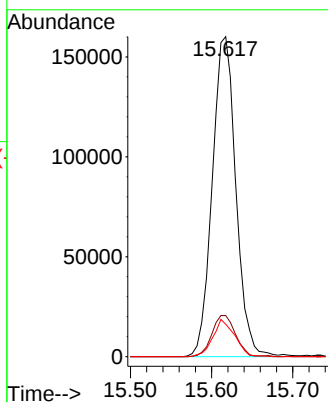
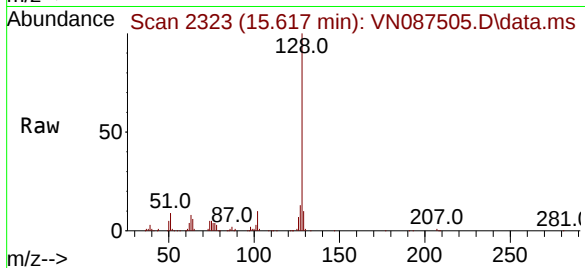
Tgt Ion:128 Resp: 323641

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.041 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087505.D

Acq: 12 Aug 2025 11:42

Tgt Ion:180 Resp: 87388

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.4

145 34.3 16.9 50.6

