

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087330.D
 Acq On : 16 Jul 2025 17:49
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 17 02:18:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	178514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	328159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	297202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	156249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	58584	19.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	38.680%#
35) Dibromofluoromethane	8.153	113	44726	19.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.520%#
50) Toluene-d8	10.547	98	154381	19.119	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.240%#
62) 4-Bromofluorobenzene	12.829	95	56832	19.051	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	38.100%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	31604	16.669	ug/l	86
3) Chloromethane	2.383	50	41982	17.608	ug/l	94
4) Vinyl Chloride	2.542	62	44508	18.784	ug/l	99
5) Bromomethane	2.971	94	22025	17.950	ug/l	98
6) Chloroethane	3.130	64	30785	19.922	ug/l	100
7) Trichlorofluoromethane	3.506	101	68764	19.626	ug/l	97
8) Diethyl Ether	3.959	74	28520	20.984	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	38516	21.414	ug/l	95
10) Methyl Iodide	4.577	142	25698	17.955	ug/l	97
11) Tert butyl alcohol	5.530	59	55298	96.147	ug/l	99
12) 1,1-Dichloroethene	4.330	96	39480	19.370	ug/l	96
13) Acrolein	4.177	56	40135	86.954	ug/l	98
14) Allyl chloride	5.006	41	80983	21.955	ug/l	88
15) Acrylonitrile	5.712	53	162325	104.007	ug/l	99
16) Acetone	4.424	43	140161	97.607	ug/l	93
17) Carbon Disulfide	4.700	76	119191	19.725	ug/l #	93
18) Methyl Acetate	5.012	43	70735	19.824	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	150385	20.018	ug/l	97
20) Methylene Chloride	5.265	84	49951	20.427	ug/l	87
21) trans-1,2-Dichloroethene	5.771	96	45917	19.980	ug/l	90
22) Diisopropyl ether	6.659	45	168043	21.719	ug/l	97
23) Vinyl Acetate	6.594	43	750202	110.863	ug/l	98
24) 1,1-Dichloroethane	6.559	63	89552	20.062	ug/l	95
25) 2-Butanone	7.477	43	231983	105.718	ug/l	96
26) 2,2-Dichloropropane	7.483	77	71478	20.596	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	53347	20.162	ug/l	98
28) Bromochloromethane	7.794	49	41285	19.325	ug/l	100
29) Tetrahydrofuran	7.830	42	147436	103.426	ug/l	99
30) Chloroform	7.953	83	93018	20.819	ug/l	100
31) Cyclohexane	8.241	56	74161	19.915	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	78235	20.217	ug/l	97
36) 1,1-Dichloropropene	8.359	75	60302	20.163	ug/l	98
37) Ethyl Acetate	7.553	43	85921	19.893	ug/l	98
38) Carbon Tetrachloride	8.347	117	65336	19.832	ug/l	95
39) Methylcyclohexane	9.588	83	63264	19.539	ug/l	95
40) Benzene	8.588	78	197187	20.400	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	47550	21.054	ug/l	97
42) 1,2-Dichloroethane	8.659	62	74680	20.374	ug/l	99
43) Isopropyl Acetate	8.677	43	135010	20.136	ug/l	99
44) Trichloroethene	9.335	130	44202	19.354	ug/l	98
45) 1,2-Dichloropropane	9.606	63	51786	21.086	ug/l	97
46) Dibromomethane	9.688	93	36673	19.943	ug/l	96
47) Bromodichloromethane	9.871	83	73409	19.819	ug/l	93
48) Methyl methacrylate	9.665	41	62316	20.645	ug/l	99
49) 1,4-Dioxane	9.682	88	18509	400.357	ug/l #	100
51) 4-Methyl-2-Pentanone	10.429	43	449710	106.046	ug/l	99
52) Toluene	10.612	92	123391	21.002	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	76959	20.530	ug/l	92
54) cis-1,3-Dichloropropene	10.294	75	79019	20.407	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	47960	20.164	ug/l	94
56) Ethyl methacrylate	10.859	69	74408	19.384	ug/l	99
57) 1,3-Dichloropropane	11.147	76	85537	20.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	198704	101.839	ug/l	100
59) 2-Hexanone	11.182	43	305342	108.526	ug/l	99
60) Dibromochloromethane	11.341	129	55783	20.564	ug/l	98
61) 1,2-Dibromoethane	11.447	107	51292	20.509	ug/l	97
64) Tetrachloroethene	11.082	164	37655	19.686	ug/l	93
65) Chlorobenzene	11.871	112	134668	20.183	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	46671	20.570	ug/l	98
67) Ethyl Benzene	11.947	91	223715	20.367	ug/l	100
68) m/p-Xylenes	12.053	106	170590	41.473	ug/l	98
69) o-Xylene	12.376	106	83415	21.230	ug/l	98
70) Styrene	12.388	104	140937	21.323	ug/l	100
71) Bromoform	12.559	173	37362	20.383	ug/l #	99
73) Isopropylbenzene	12.676	105	202595	20.601	ug/l	100
74) N-amyl acetate	12.512	43	38787	10.102	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.918	83	76720	20.733	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	103107	29.744	ug/l	51
77) Bromobenzene	12.959	156	53881	21.127	ug/l	97
78) n-propylbenzene	13.017	91	255577	20.656	ug/l	99
79) 2-Chlorotoluene	13.106	91	158436	20.836	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	176006	21.006	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	27975	21.846	ug/l	90
82) 4-Chlorotoluene	13.200	91	163615	20.667	ug/l	99
83) tert-Butylbenzene	13.417	119	143954	20.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.465	105	181623	21.226	ug/l	100
85) sec-Butylbenzene	13.594	105	216256	20.516	ug/l	99
86) p-Isopropyltoluene	13.706	119	175352	20.758	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	103157	20.609	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	108898	20.370	ug/l	98
89) n-Butylbenzene	14.035	91	165484	20.516	ug/l	99
90) Hexachloroethane	14.312	117	35108	19.615	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	99750	21.036	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	19015	19.573	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	54714	19.643	ug/l	99
94) Hexachlorobutadiene	15.476	225	20248	19.563	ug/l	96
95) Naphthalene	15.617	128	194574	19.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	55463	19.850	ug/l	98

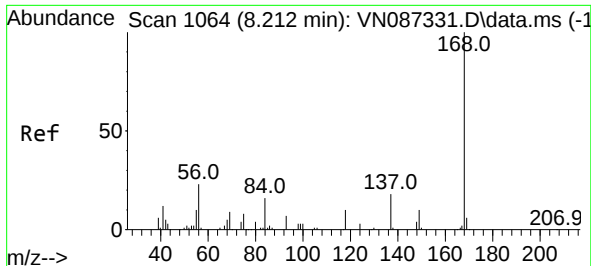
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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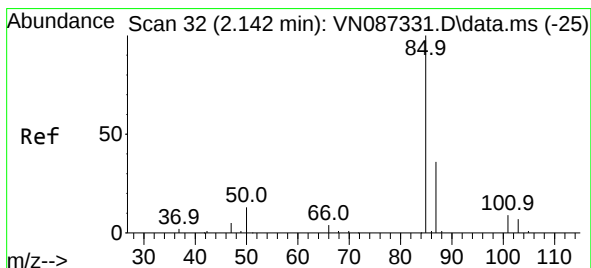
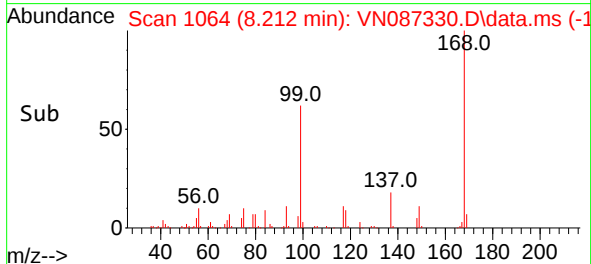
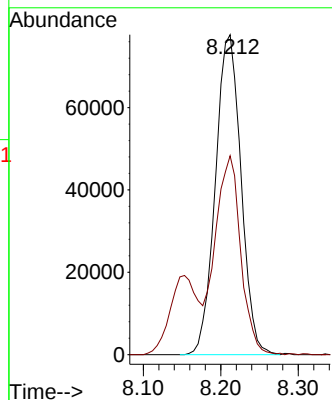
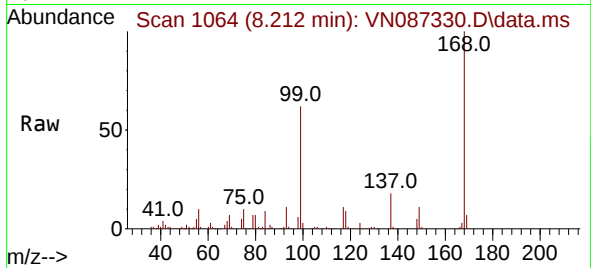
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087330.D
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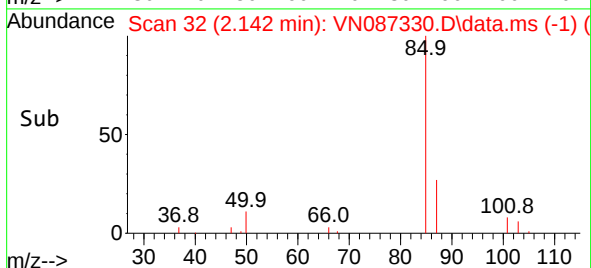
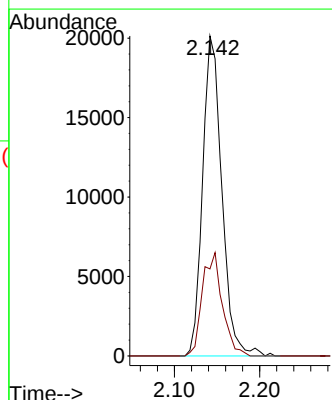
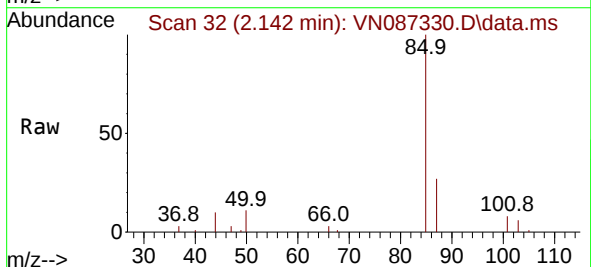
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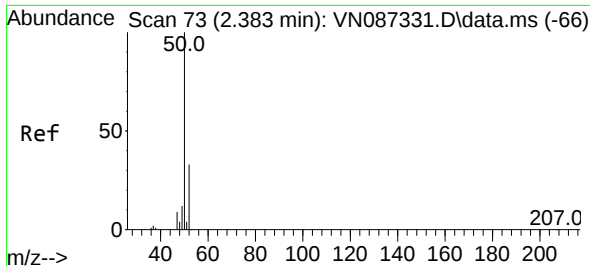
Tgt Ion:168 Resp: 178514
Ion Ratio Lower Upper
168 100
99 61.7 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 16.669 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 85 Resp: 31604
Ion Ratio Lower Upper
85 100
87 27.2 17.8 53.3

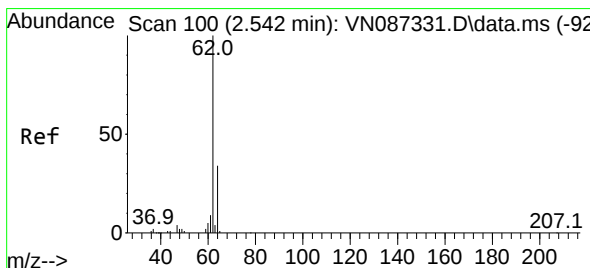
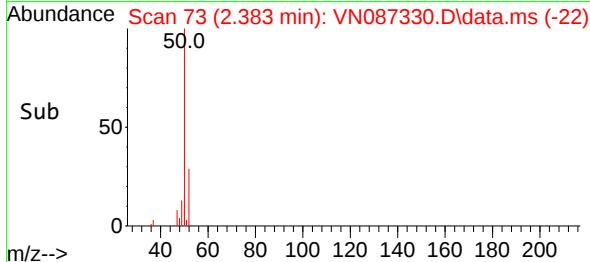
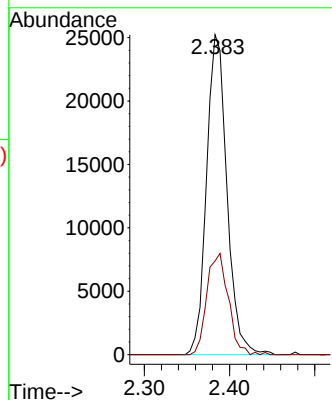
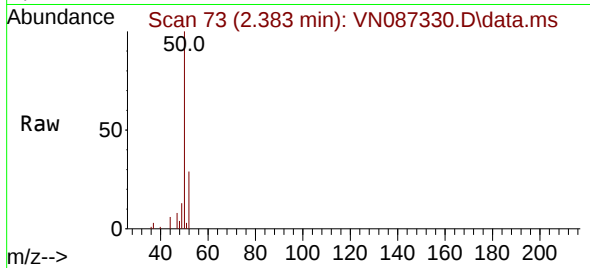




#3
Chloromethane
Concen: 17.608 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

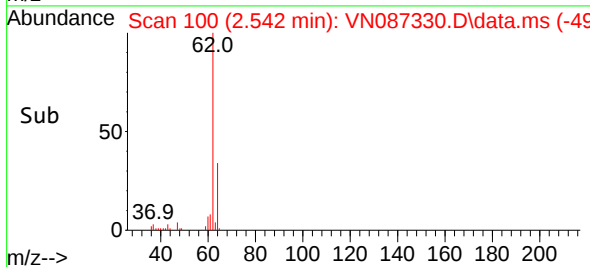
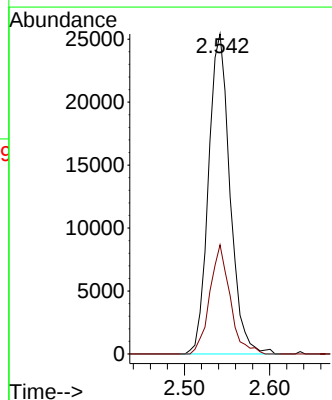
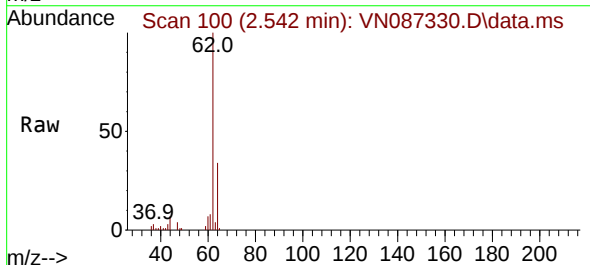
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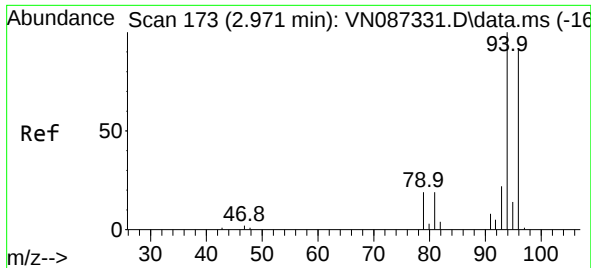
Tgt Ion: 50 Resp: 41982
Ion Ratio Lower Upper
50 100
52 29.3 26.3 39.5



#4
Vinyl Chloride
Concen: 18.784 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 62 Resp: 44508
Ion Ratio Lower Upper
62 100
64 34.1 27.0 40.6

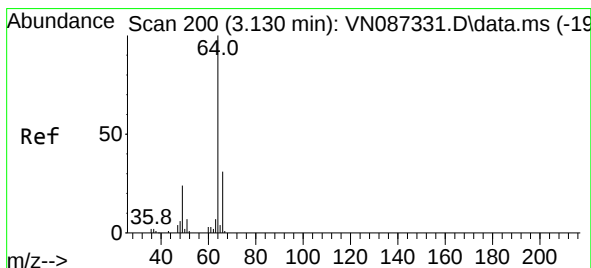
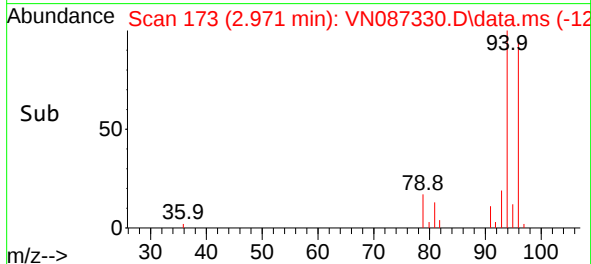
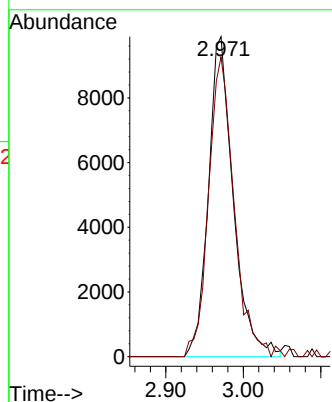
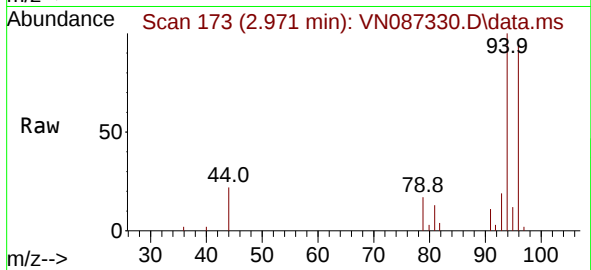




#5
Bromomethane
Concen: 17.950 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087330.D
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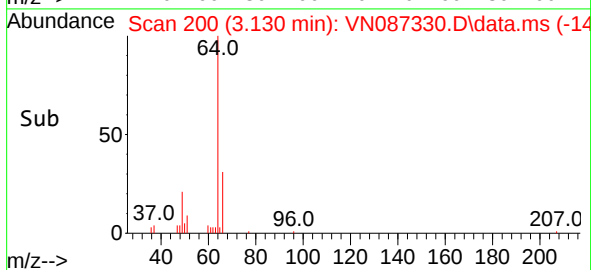
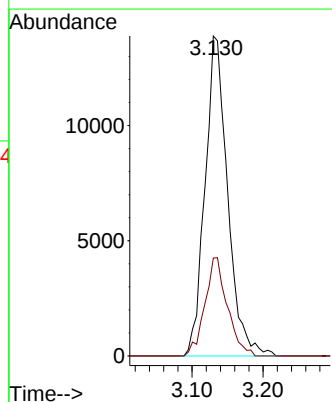
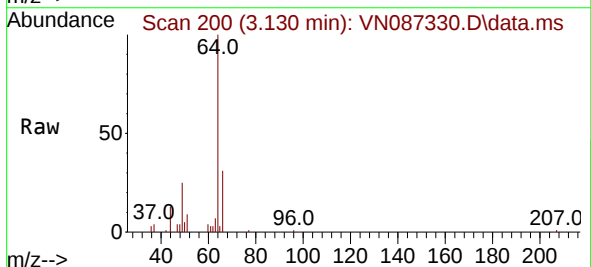
Instrument :
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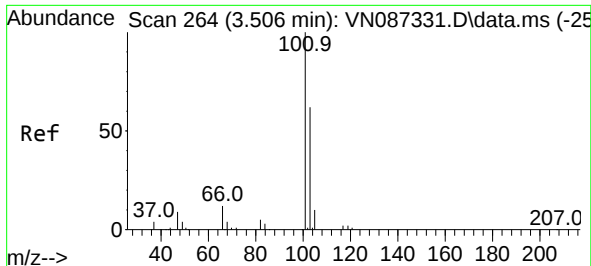
Tgt Ion: 94 Resp: 22025
Ion Ratio Lower Upper
94 100
96 93.6 73.4 110.2



#6
Chloroethane
Concen: 19.922 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 64 Resp: 30785
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8

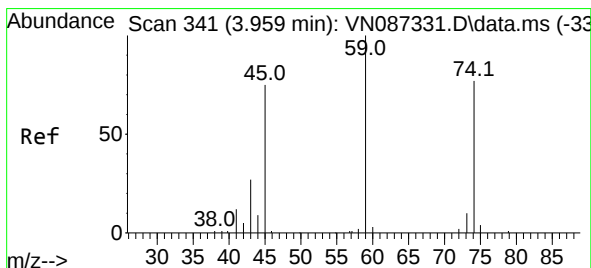
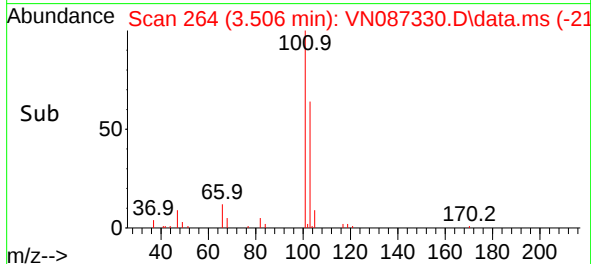
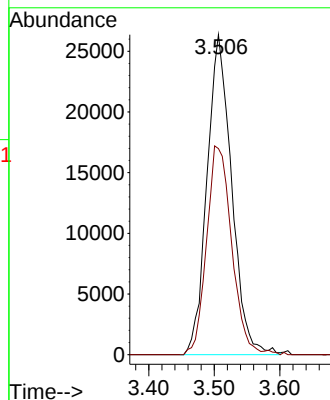
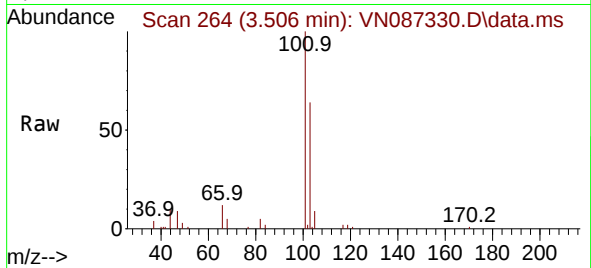




#7
 Trichlorofluoromethane
 Concen: 19.626 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

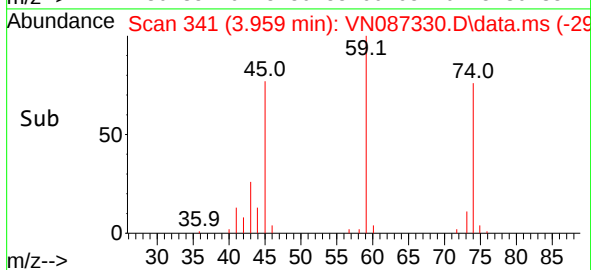
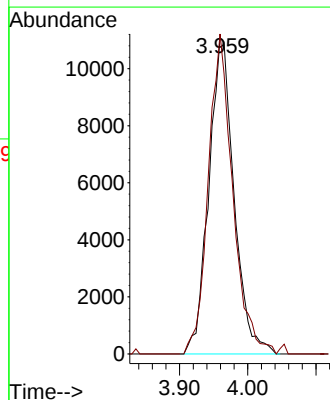
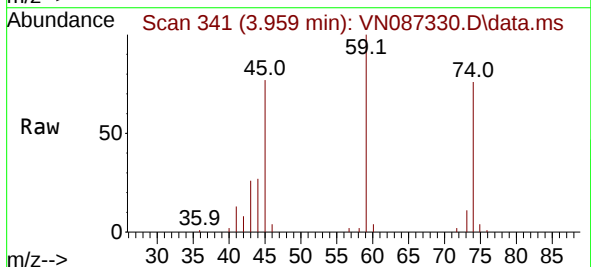
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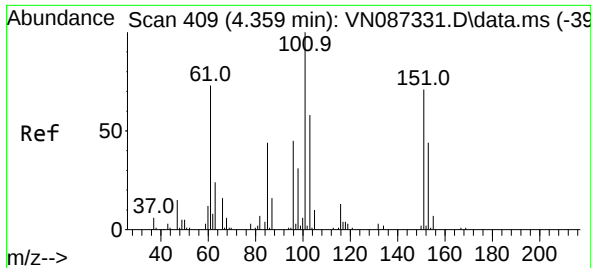
Tgt Ion:101 Resp: 68764
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.8 74.6



#8
 Diethyl Ether
 Concen: 20.984 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

Tgt Ion: 74 Resp: 28520
 Ion Ratio Lower Upper
 74 100
 45 98.3 50.8 152.5

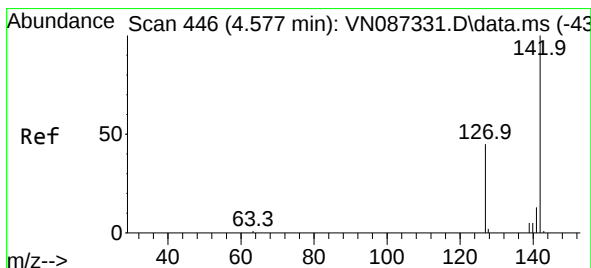
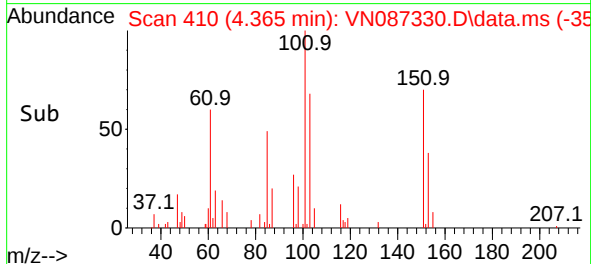
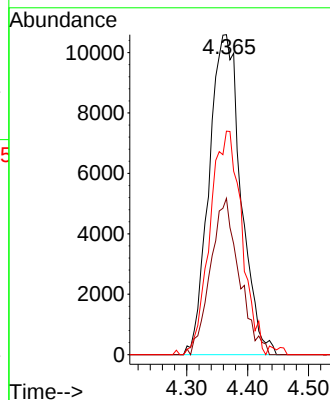
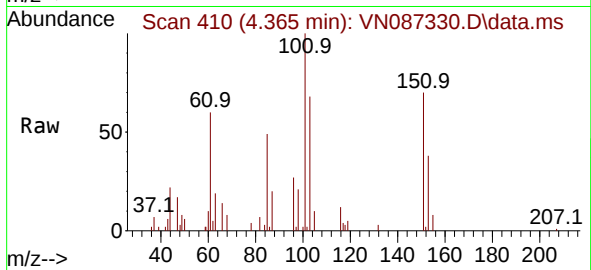




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.414 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
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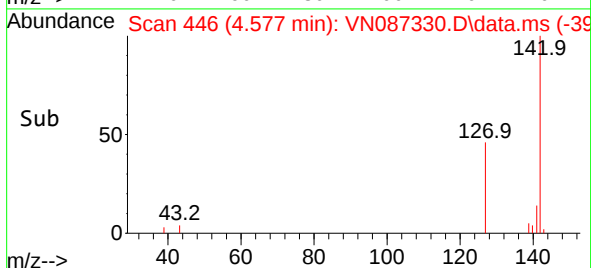
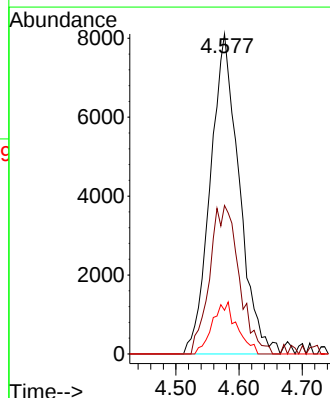
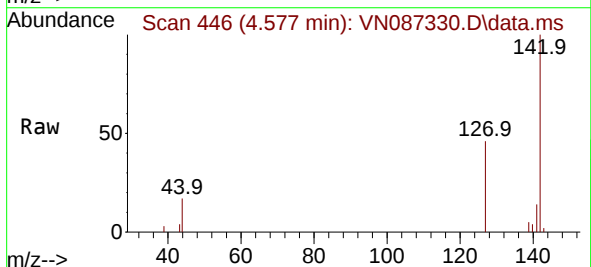
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ClientSampleId :
VSTDIC020

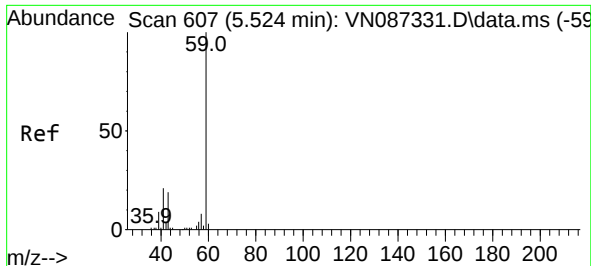
Tgt Ion:101 Resp: 38516
Ion Ratio Lower Upper
101 100
85 44.0 37.3 55.9
151 69.3 58.9 88.3



#10
Methyl Iodide
Concen: 17.955 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:142 Resp: 25698
Ion Ratio Lower Upper
142 100
127 46.4 35.7 53.5
141 13.7 10.4 15.6

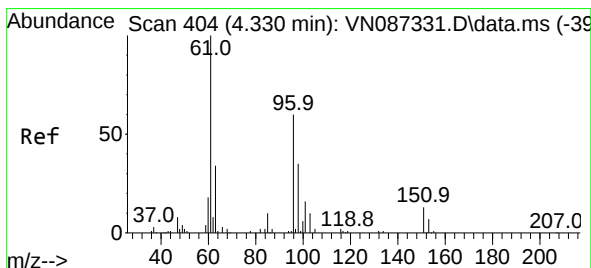
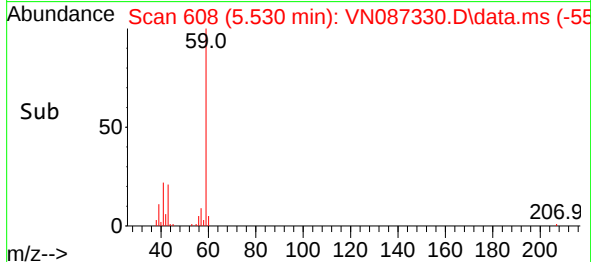
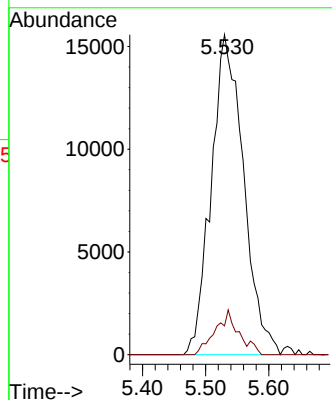
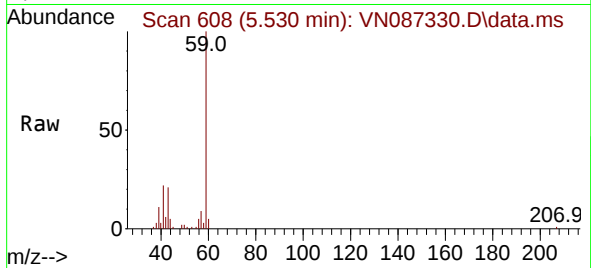




#11
Tert butyl alcohol
Concen: 96.147 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

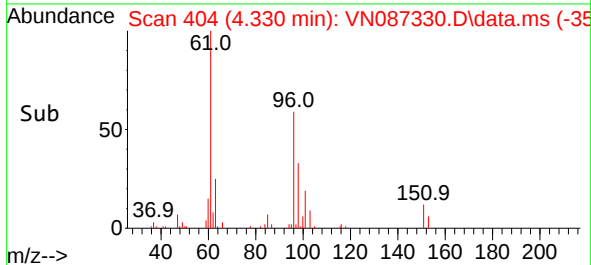
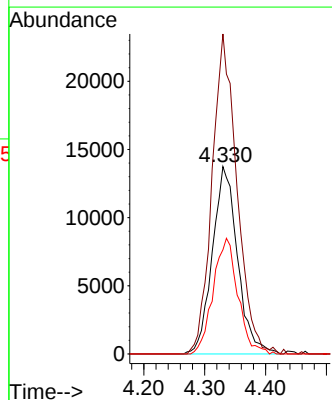
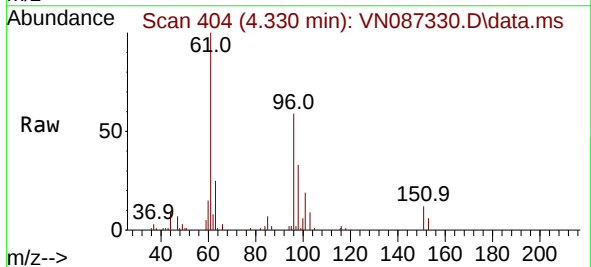
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

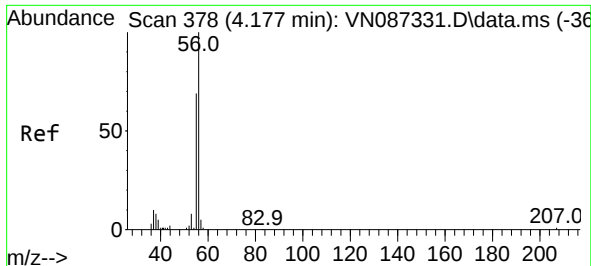
Tgt Ion: 59 Resp: 55298
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.370 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 96 Resp: 39480
Ion Ratio Lower Upper
96 100
61 170.8 132.3 198.5
98 55.6 46.8 70.2

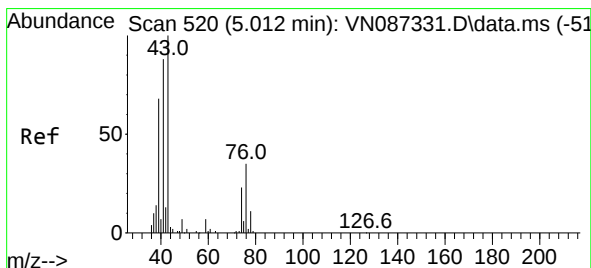
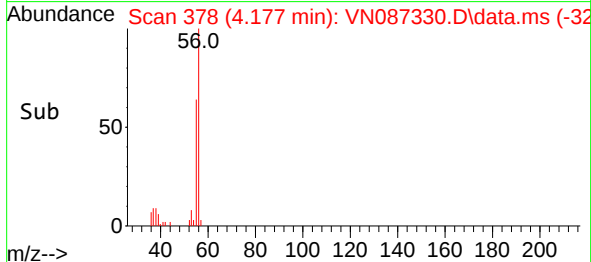
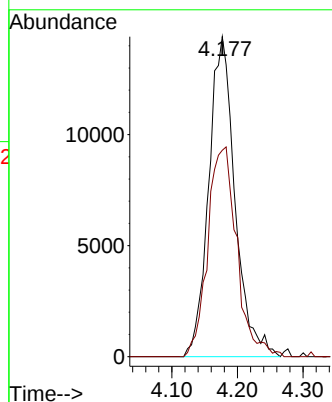
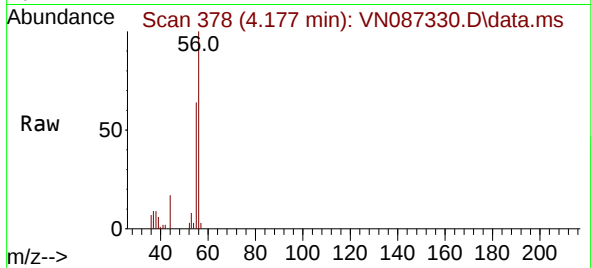




#13
Acrolein
Concen: 86.954 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

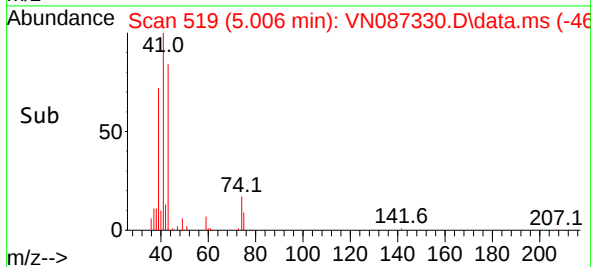
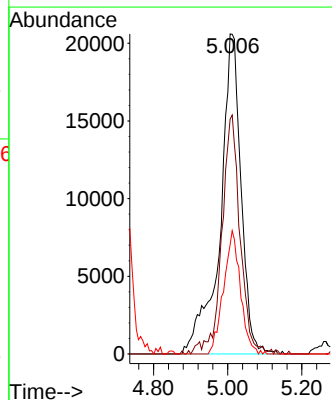
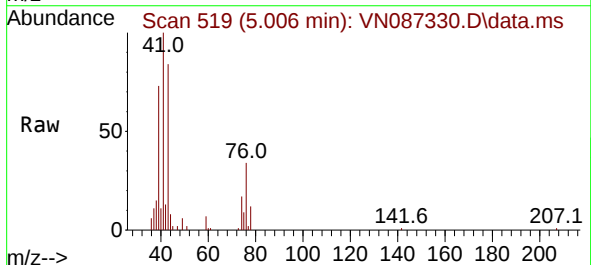
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

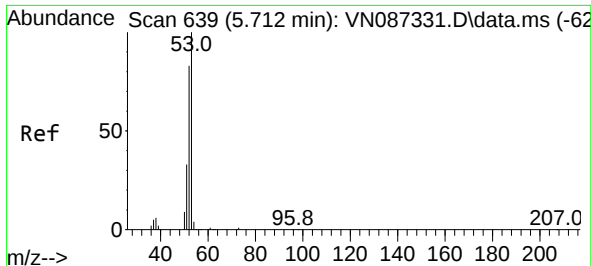
Tgt Ion: 56 Resp: 40135
Ion Ratio Lower Upper
56 100
55 72.2 56.2 84.4



#14
Allyl chloride
Concen: 21.955 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 41 Resp: 80983
Ion Ratio Lower Upper
41 100
39 62.3 59.0 88.6
76 31.0 28.7 43.1

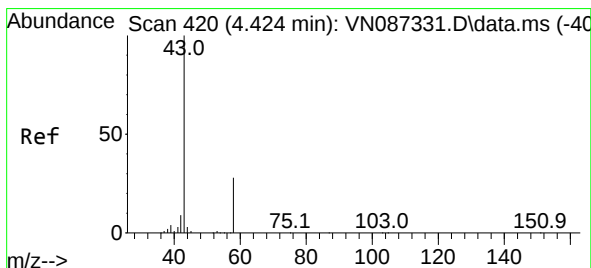
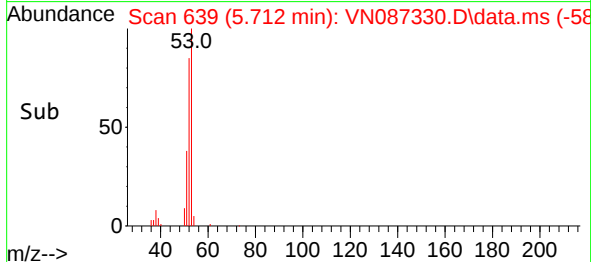
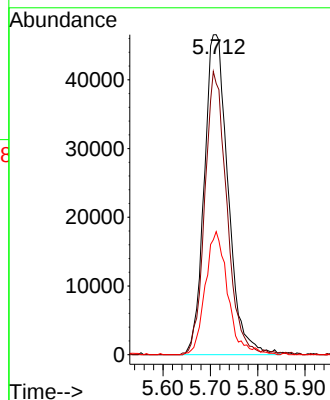
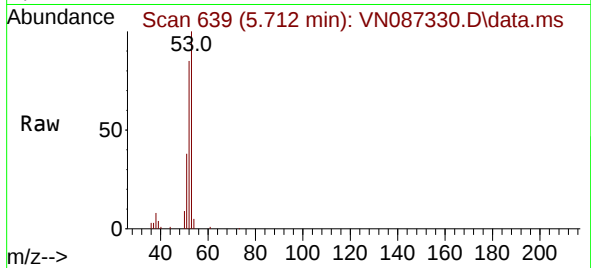




#15
Acrylonitrile
Concen: 104.007 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

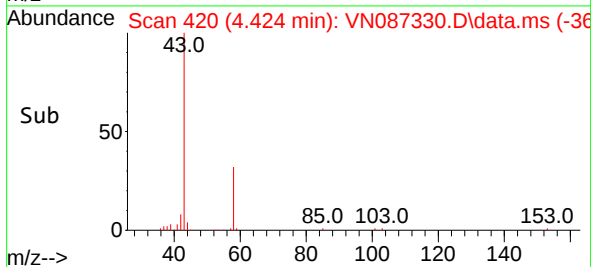
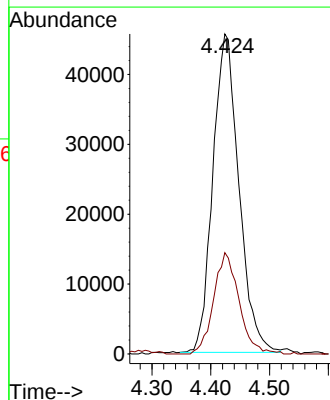
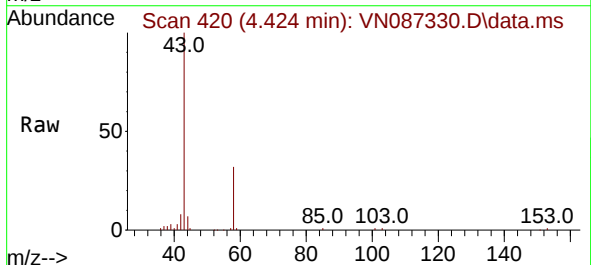
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

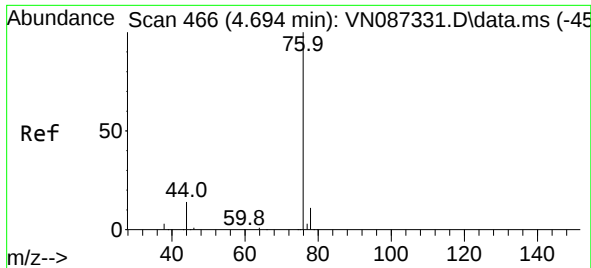
Tgt Ion: 53 Resp: 162325
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 36.7 28.7 43.1



#16
Acetone
Concen: 97.607 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 140161
Ion Ratio Lower Upper
43 100
58 31.8 22.3 33.5

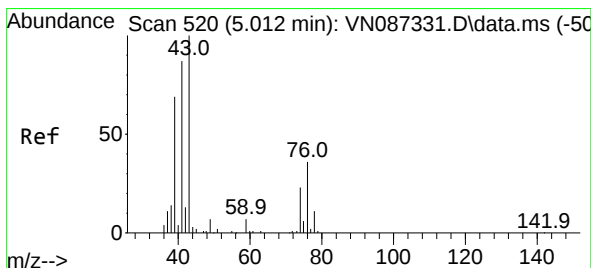
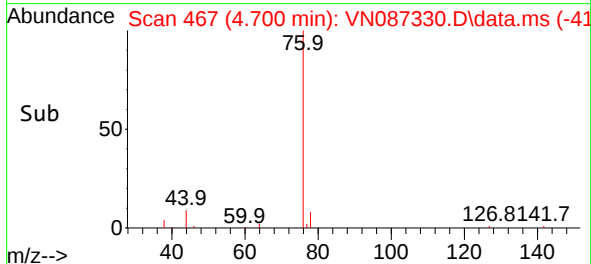
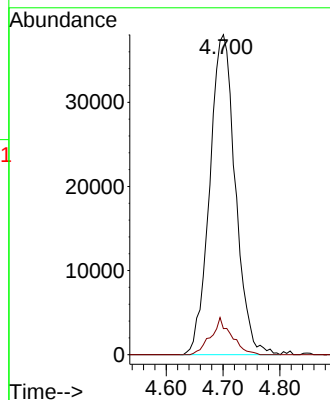
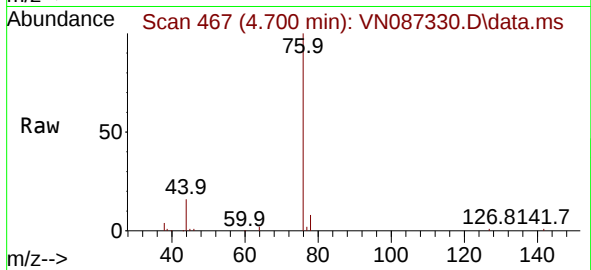




#17
Carbon Disulfide
Concen: 19.725 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

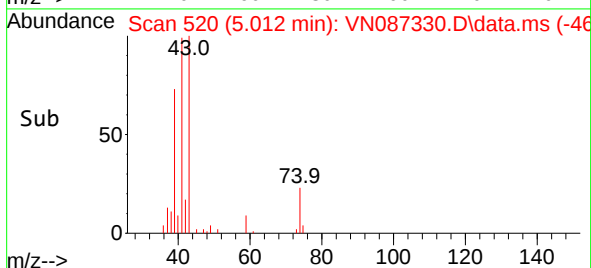
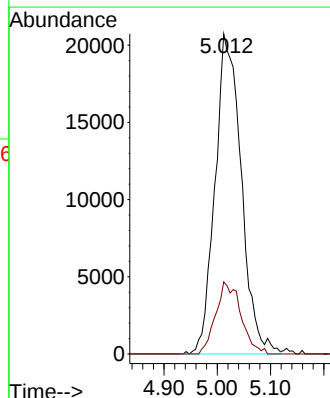
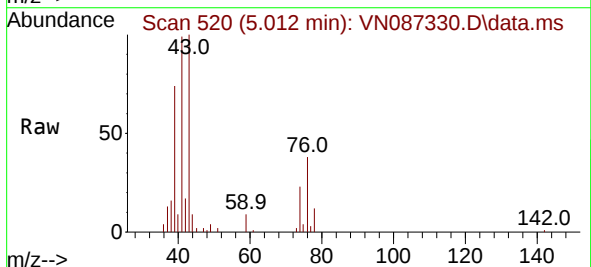
Instrument :
MSVOA_N
ClientSampleId :
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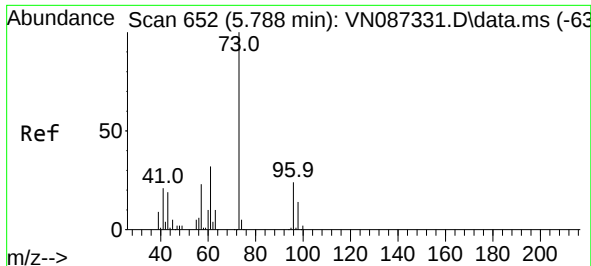
Tgt Ion: 76 Resp: 119191
Ion Ratio Lower Upper
76 100
78 8.2 8.6 13.0#



#18
Methyl Acetate
Concen: 19.824 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 70735
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.6

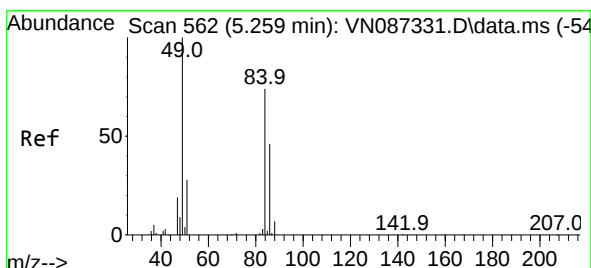
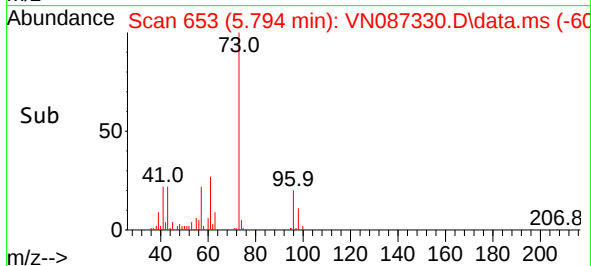
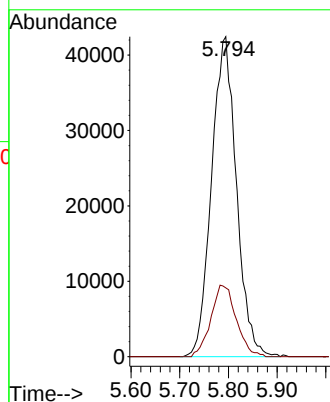
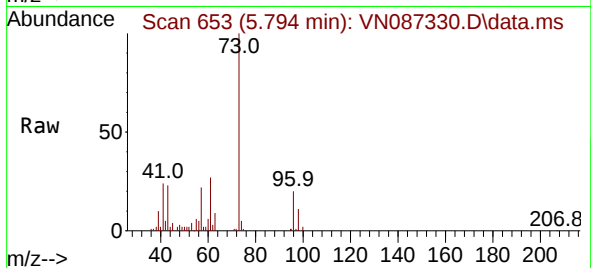




#19
Methyl tert-butyl Ether
Concen: 20.018 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

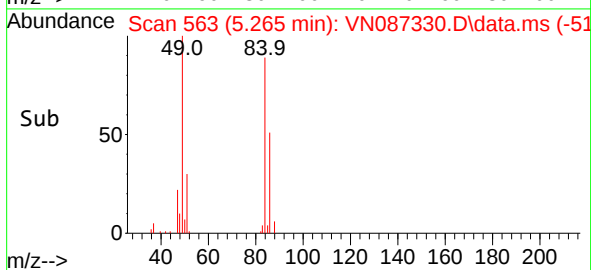
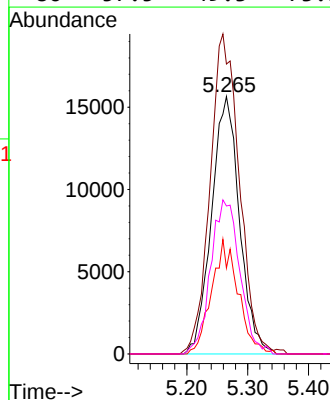
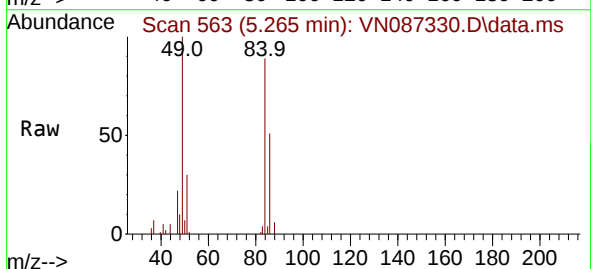
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

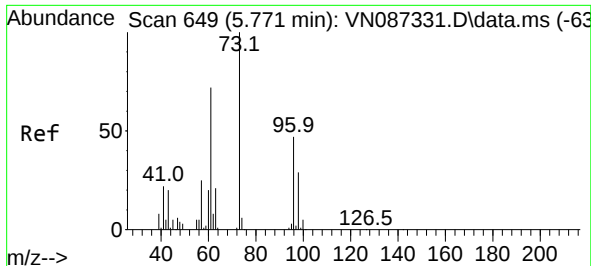
Tgt Ion: 73 Resp: 150385
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 20.427 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 84 Resp: 49951
Ion Ratio Lower Upper
84 100
49 112.6 107.5 161.3
51 33.4 30.2 45.2
86 57.5 49.3 73.9

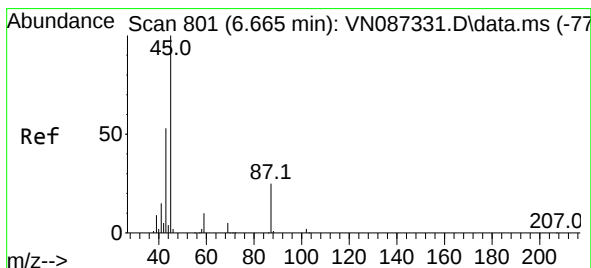
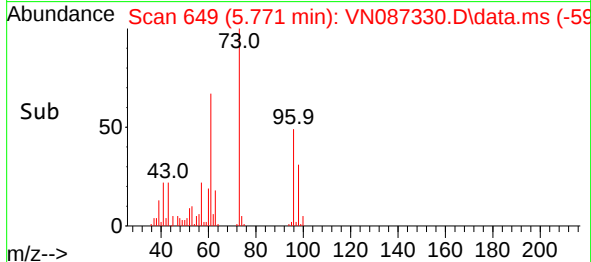
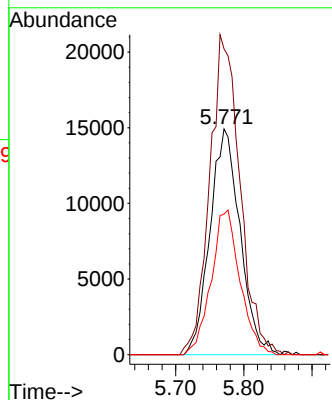
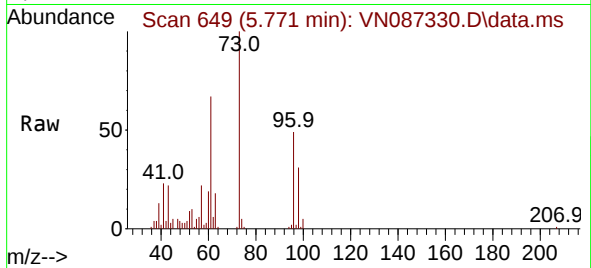




#21
trans-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

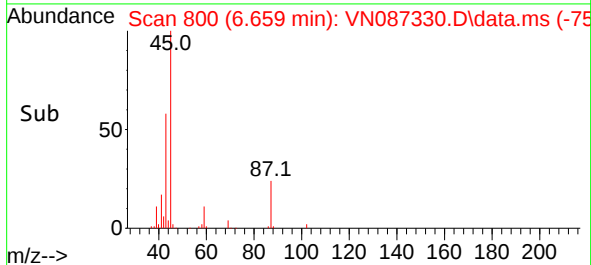
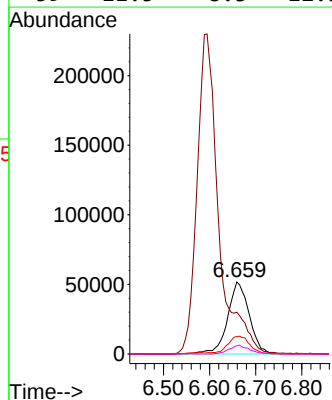
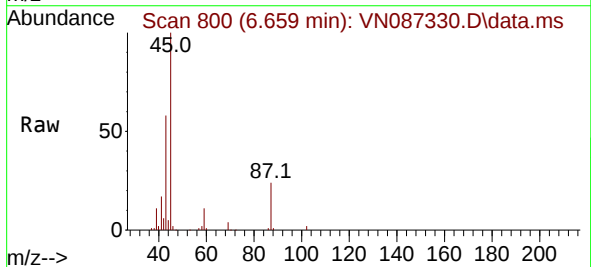
Instrument :
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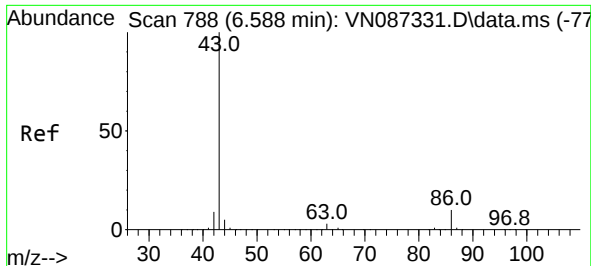
Tgt Ion: 96 Resp: 45917
Ion Ratio Lower Upper
96 100
61 135.4 122.0 183.0
98 62.3 50.0 75.0



#22
Diisopropyl ether
Concen: 21.719 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 45 Resp: 168043
Ion Ratio Lower Upper
45 100
43 56.8 42.8 64.2
87 24.3 19.8 29.6
59 11.5 8.3 12.5

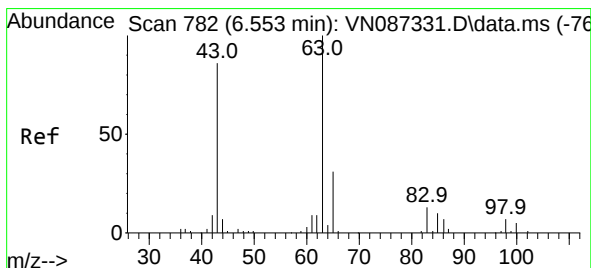
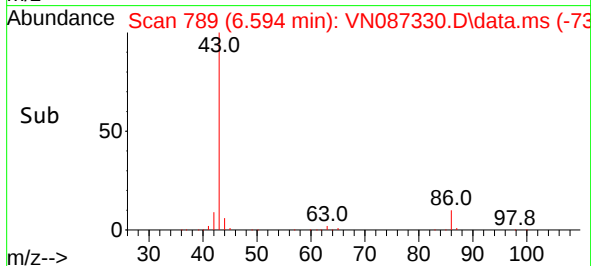
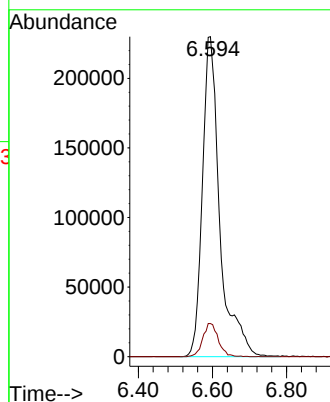
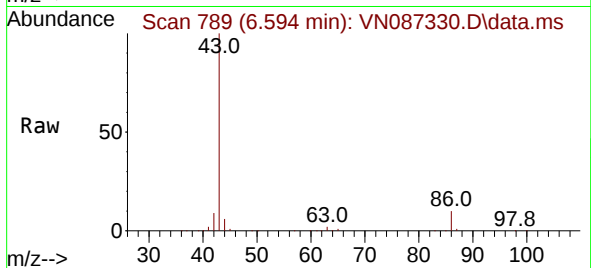




#23
 Vinyl Acetate
 Concen: 110.863 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

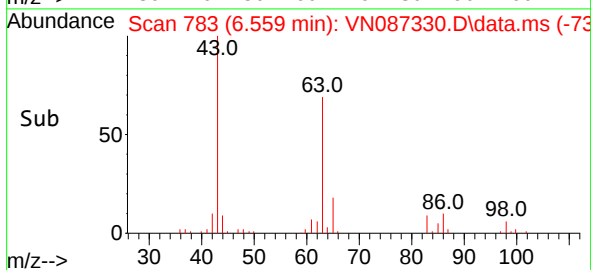
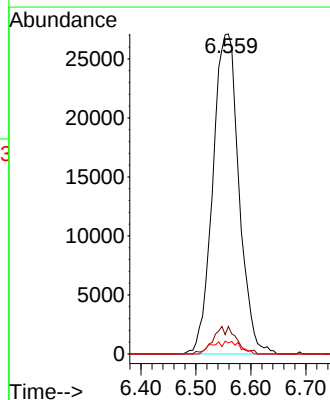
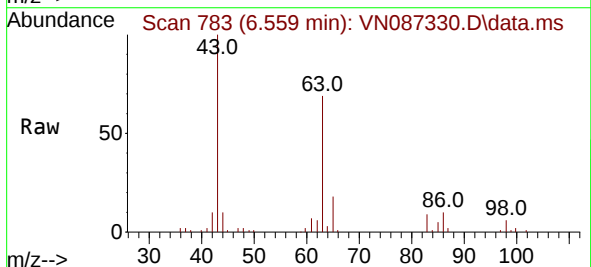
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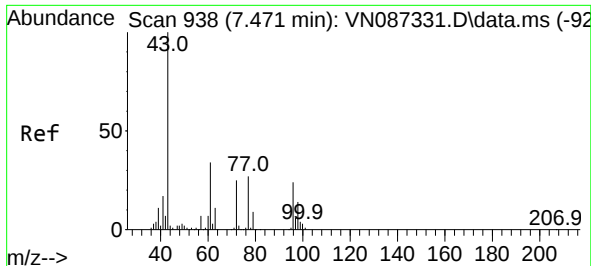
Tgt Ion: 43 Resp: 750202
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.062 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

Tgt Ion: 63 Resp: 89552
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.3 9.9
 100 3.4 2.5 7.4

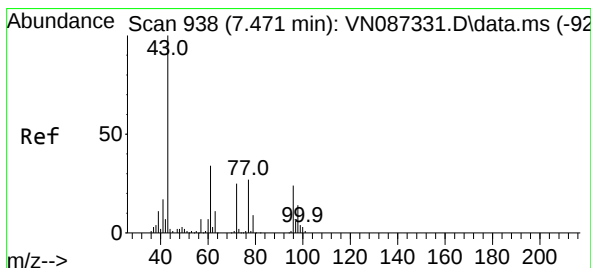
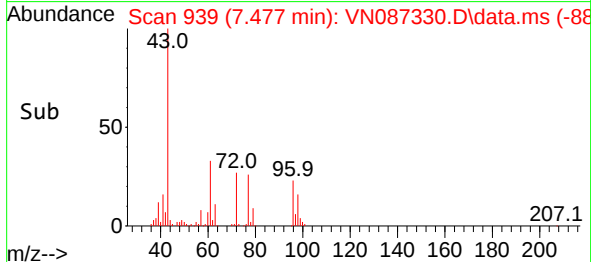
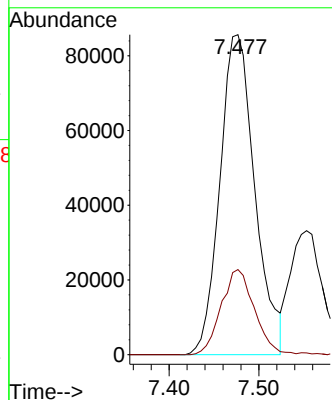
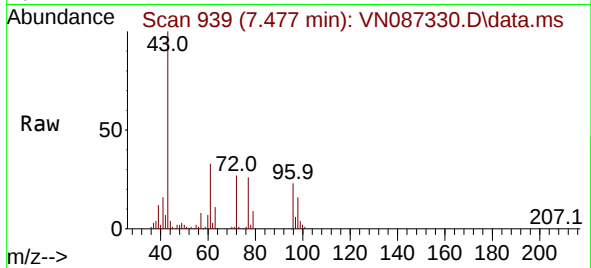




#25
2-Butanone
Concen: 105.718 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

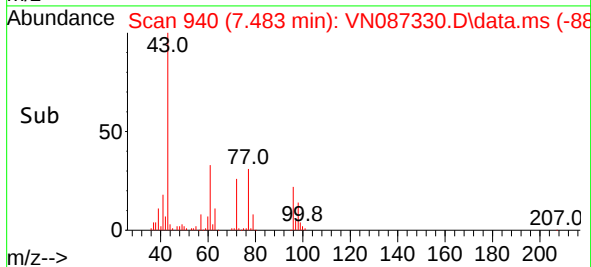
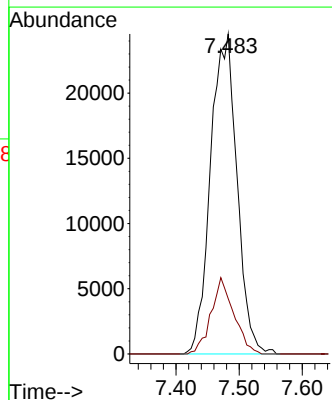
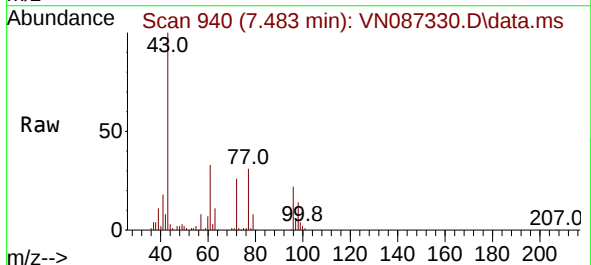
Instrument :
MSVOA_N
ClientSampleId :
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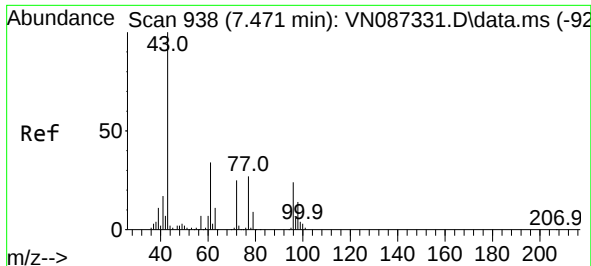
Tgt Ion: 43 Resp: 231983
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 20.596 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 77 Resp: 71478
Ion Ratio Lower Upper
77 100
97 20.5 11.1 33.1

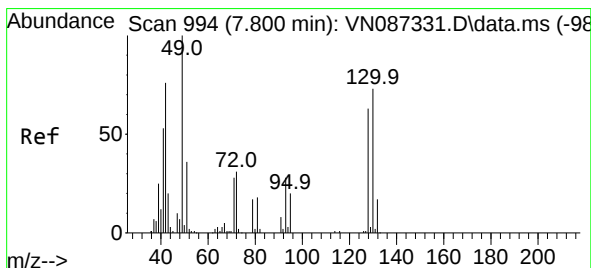
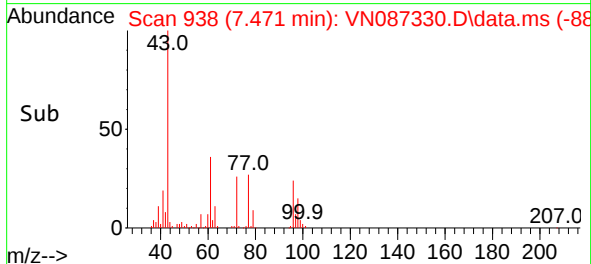
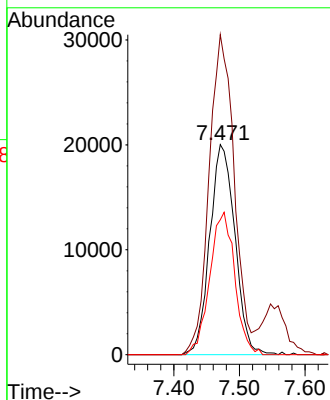
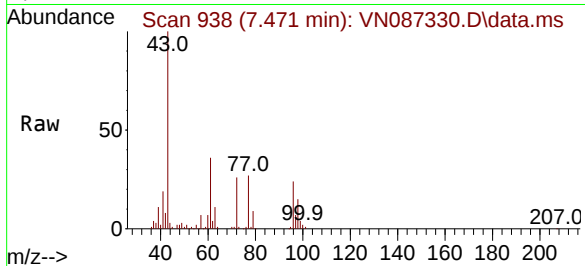




#27
 cis-1,2-Dichloroethene
 Concen: 20.162 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

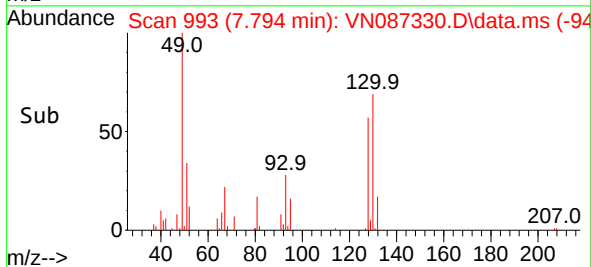
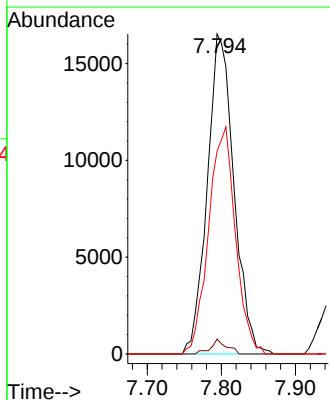
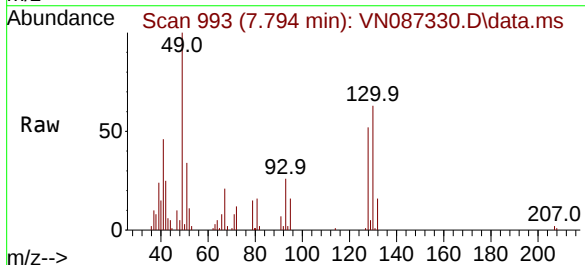
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

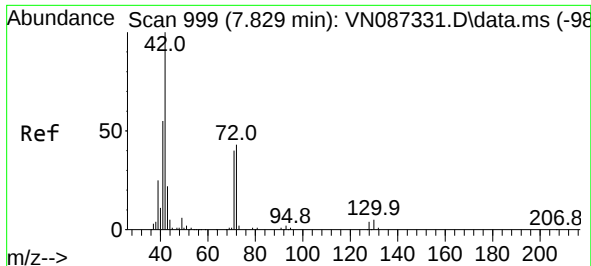
Tgt Ion: 96 Resp: 53347
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 297.8
 98 67.4 0.0 132.4



#28
 Bromochloromethane
 Concen: 19.325 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

Tgt Ion: 49 Resp: 41285
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.2
 130 71.2 57.3 85.9

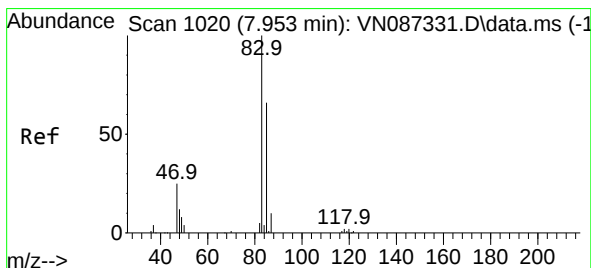
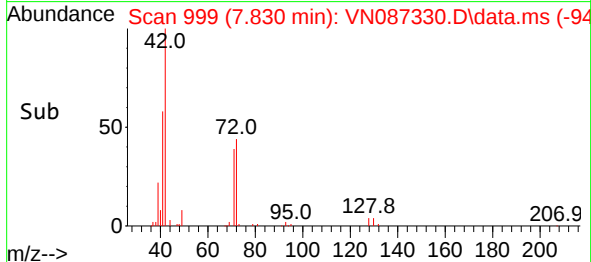
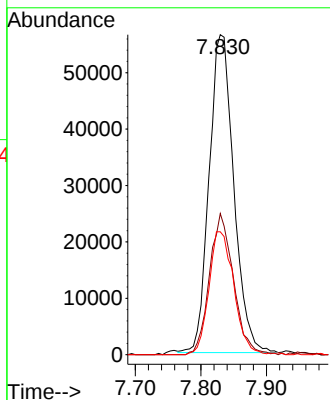
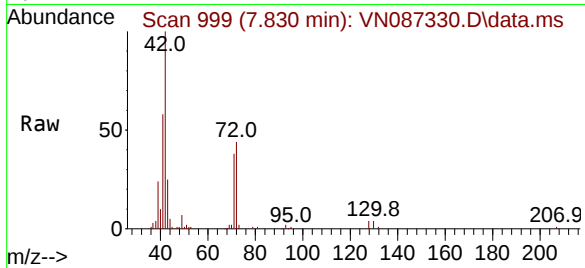




#29
Tetrahydrofuran
Concen: 103.426 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

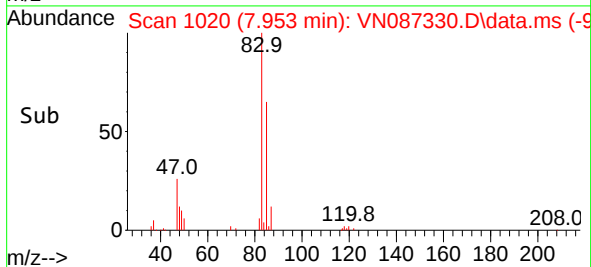
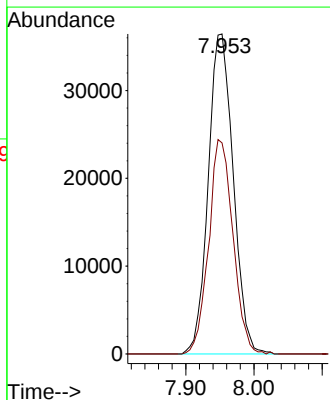
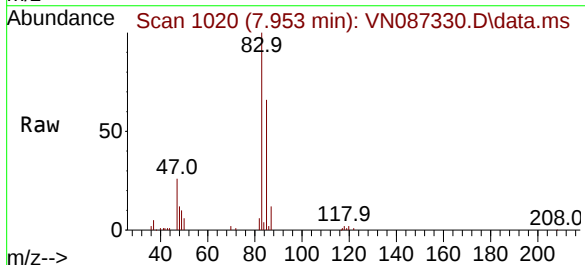
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

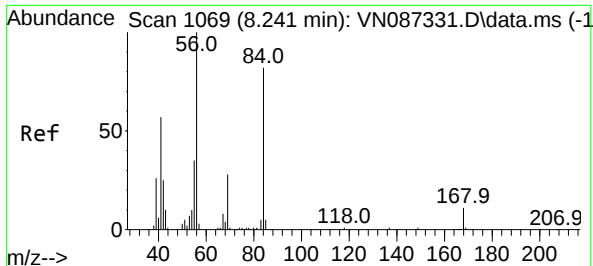
Tgt Ion: 42 Resp: 147436
Ion Ratio Lower Upper
42 100
72 43.1 33.4 50.0
71 39.0 31.2 46.8



#30
Chloroform
Concen: 20.819 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 83 Resp: 93018
Ion Ratio Lower Upper
83 100
85 66.0 52.7 79.1

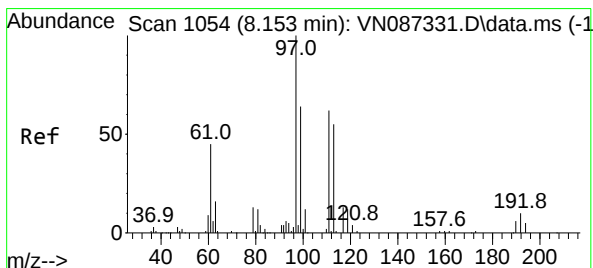
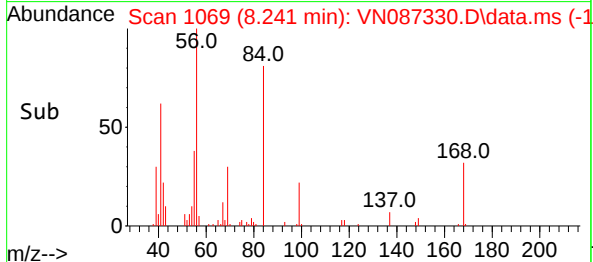
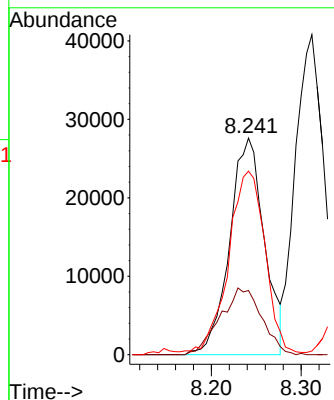
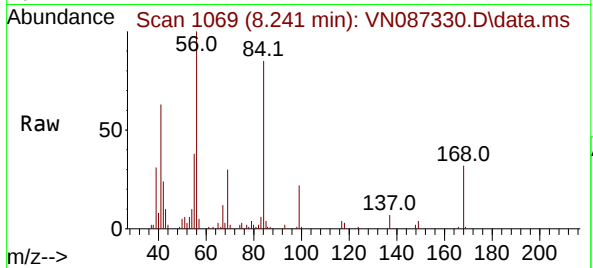




#31
Cyclohexane
Concen: 19.915 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

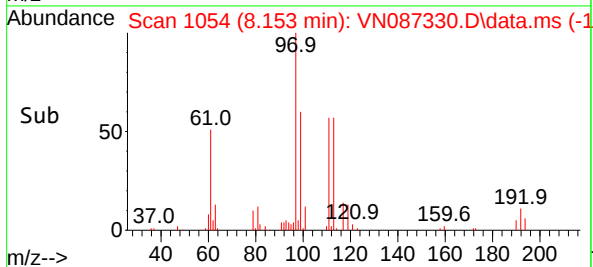
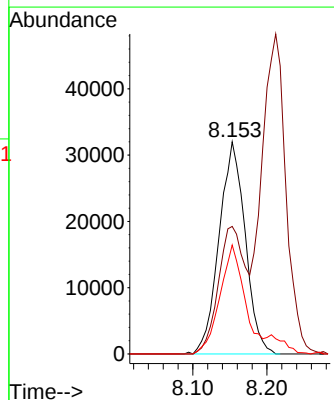
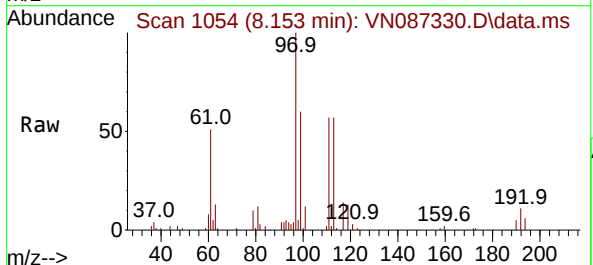
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

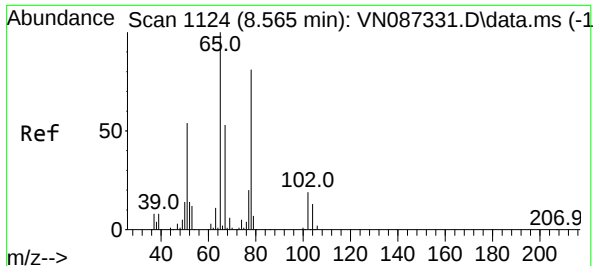
Tgt Ion:	56	Resp:	74161
Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.7	34.1
84	83.3	65.8	98.6



#32
1,1,1-Trichloroethane
Concen: 20.217 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:	97	Resp:	78235
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.8	77.8
61	49.8	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 19.341 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

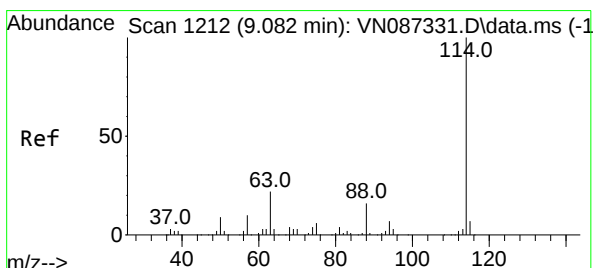
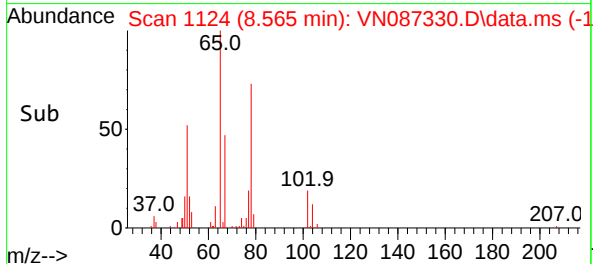
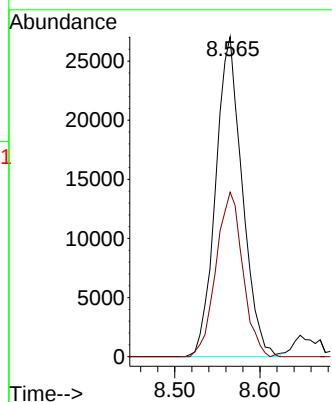
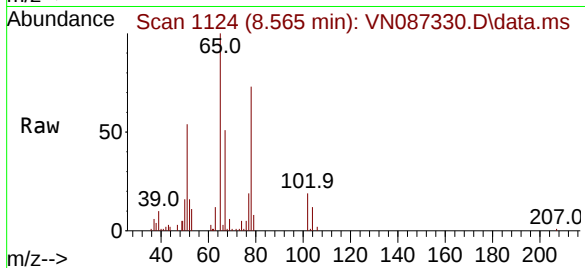
VSTDIC020

Tgt Ion: 65 Resp: 58584

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

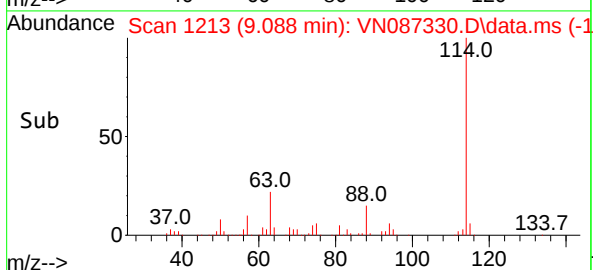
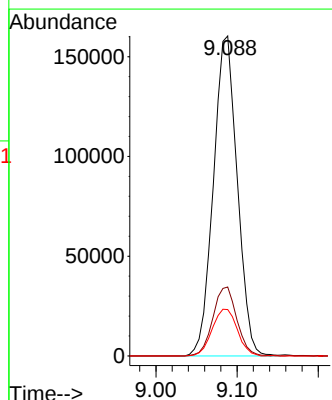
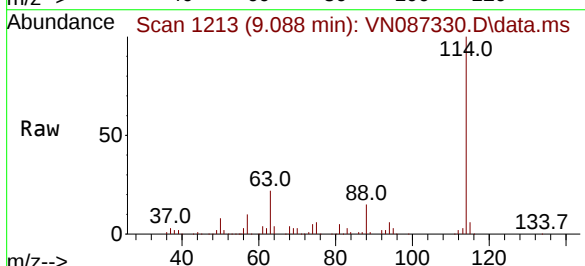
Tgt Ion: 114 Resp: 328159

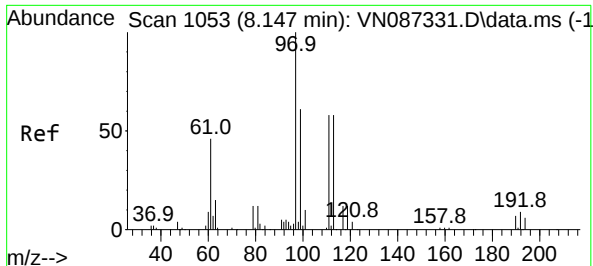
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 14.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 19.758 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

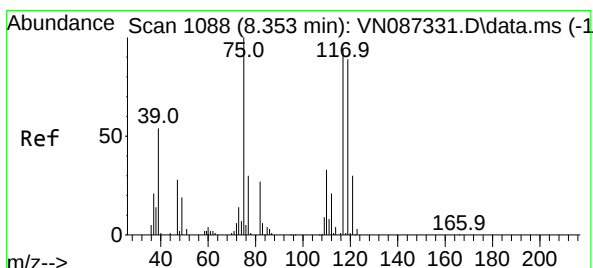
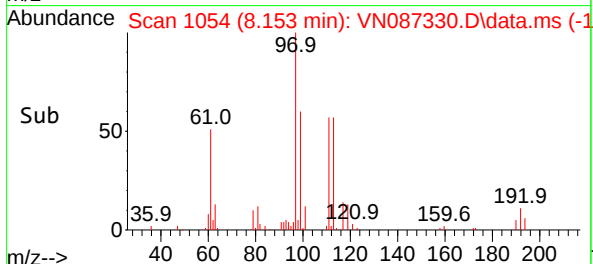
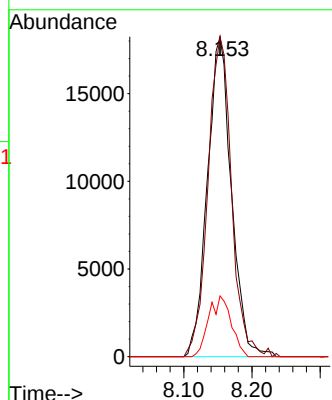
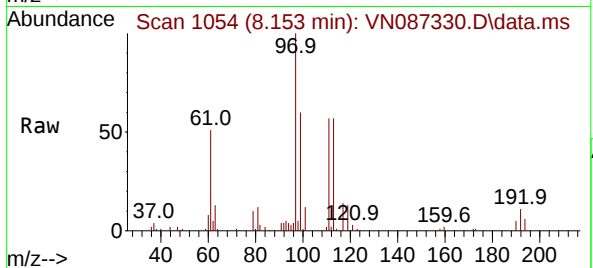
Tgt Ion:113 Resp: 44726

Ion Ratio Lower Upper

113 100

111 97.7 82.5 123.7

192 17.8 13.7 20.5



#36

1,1-Dichloropropene

Concen: 20.163 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

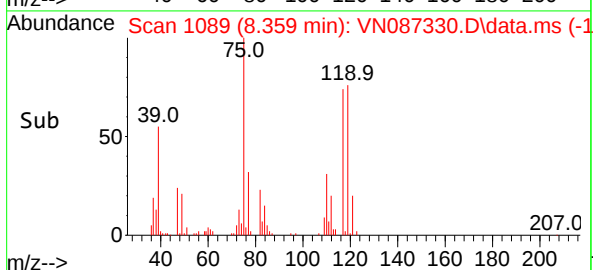
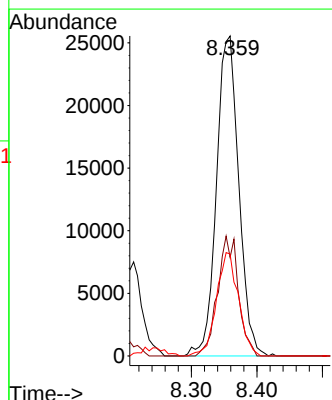
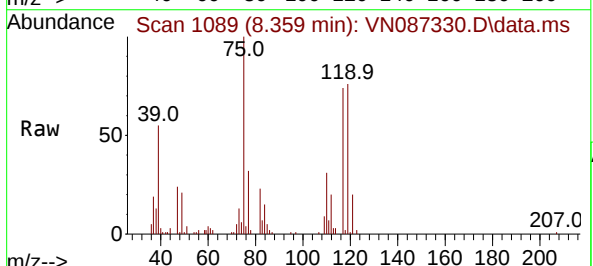
Tgt Ion: 75 Resp: 60302

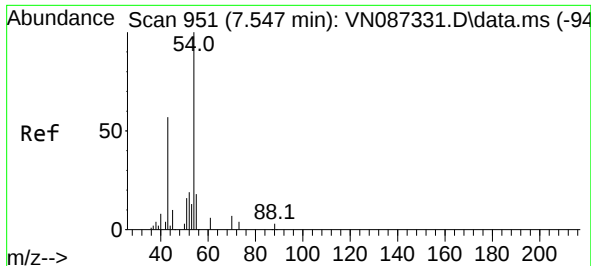
Ion Ratio Lower Upper

75 100

110 34.9 16.7 50.1

77 31.9 25.2 37.8

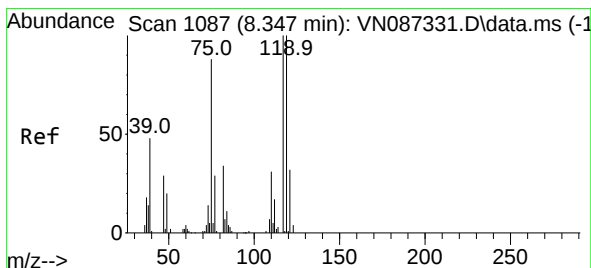
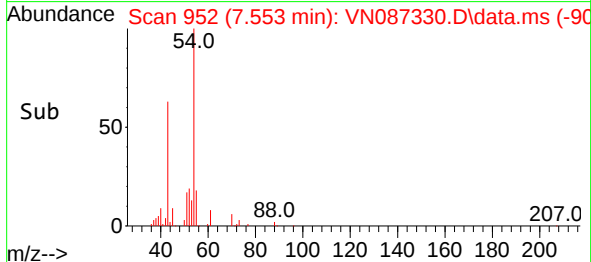
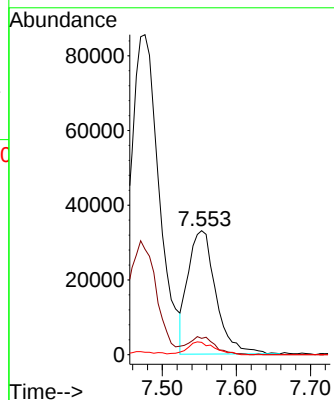
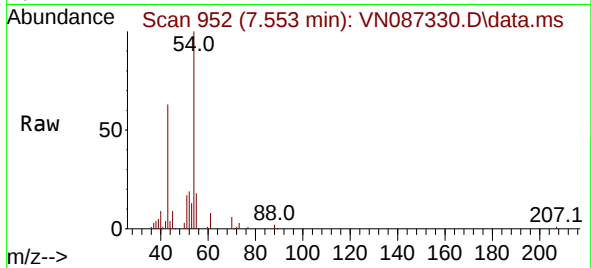




#37
Ethyl Acetate
Concen: 19.893 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

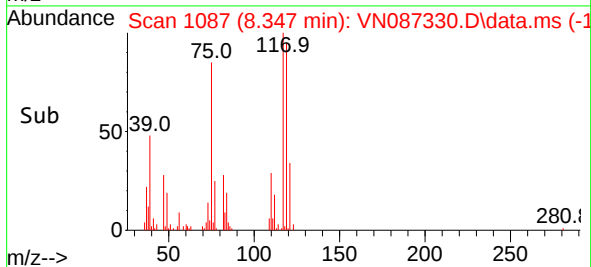
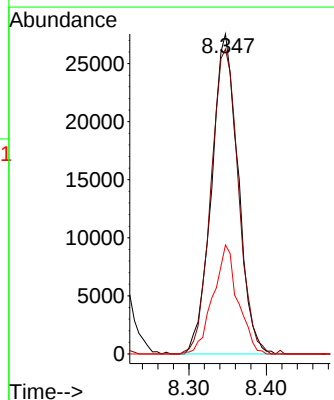
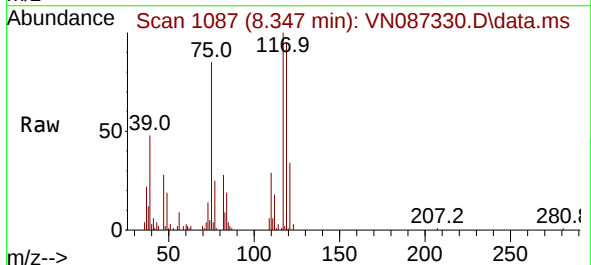
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

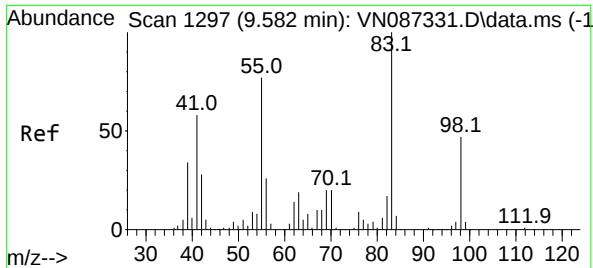
Tgt Ion: 43 Resp: 85921
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 10.1 7.4 11.0



#38
Carbon Tetrachloride
Concen: 19.832 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 117 Resp: 65336
Ion Ratio Lower Upper
117 100
119 95.3 80.2 120.2
121 34.1 25.4 38.2





#39

Methylcyclohexane

Concen: 19.539 ug/l

RT: 9.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

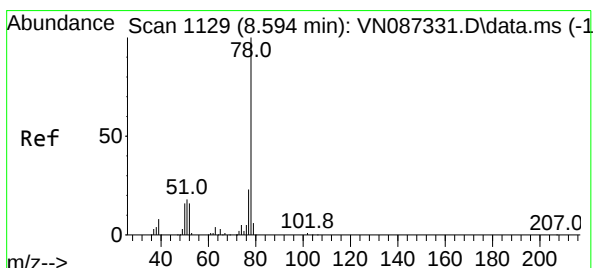
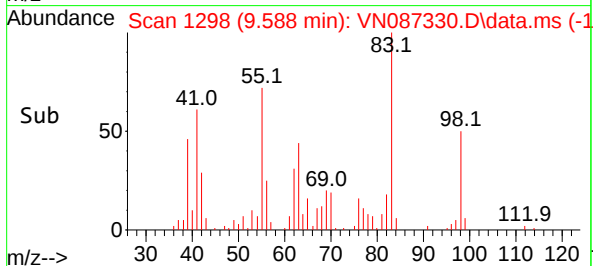
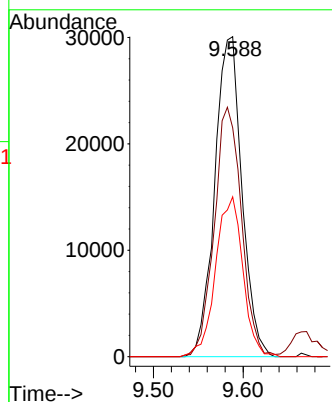
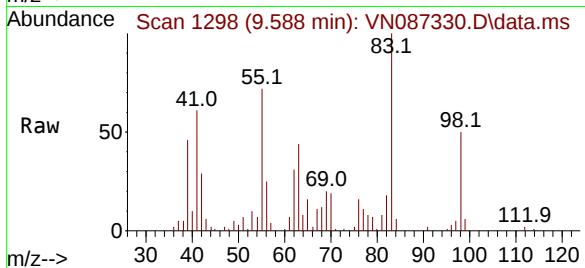
Tgt Ion: 83 Resp: 63264

Ion Ratio Lower Upper

83 100

55 71.5 61.3 91.9

98 50.0 37.9 56.9



#40

Benzene

Concen: 20.400 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087330.D

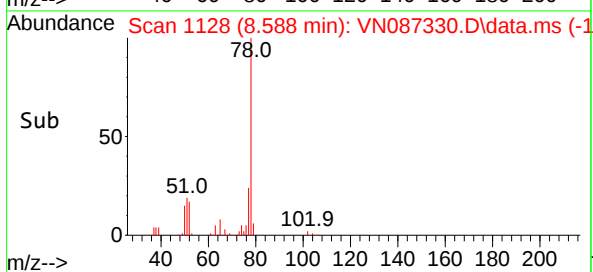
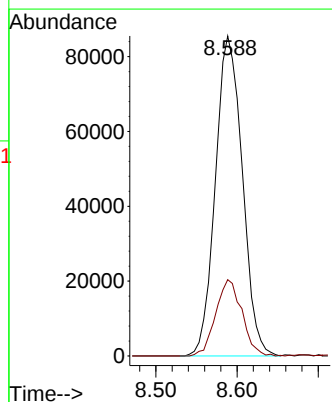
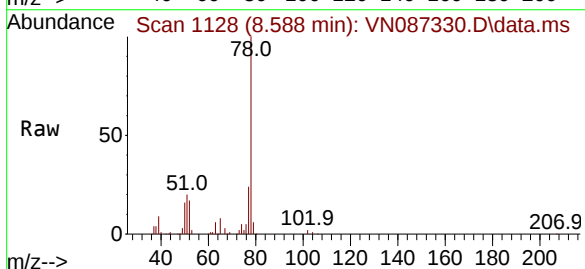
Acq: 16 Jul 2025 17:49

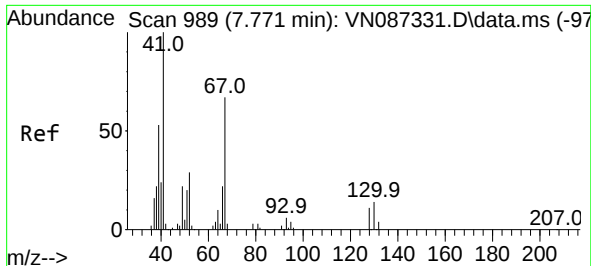
Tgt Ion: 78 Resp: 197187

Ion Ratio Lower Upper

78 100

77 23.9 18.2 27.2

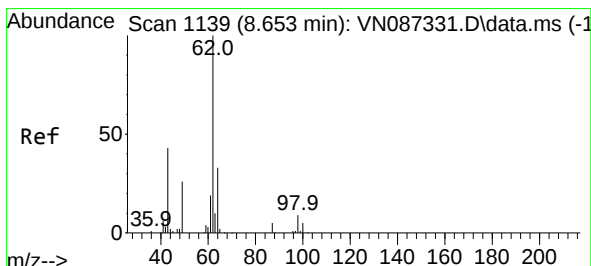
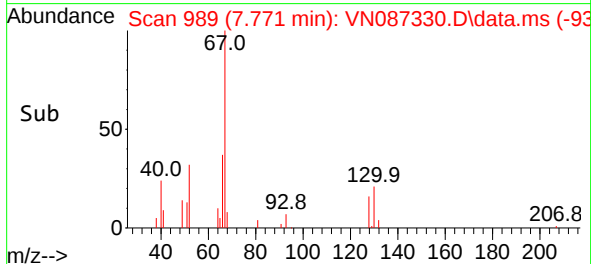
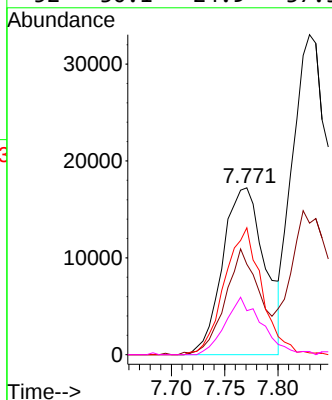
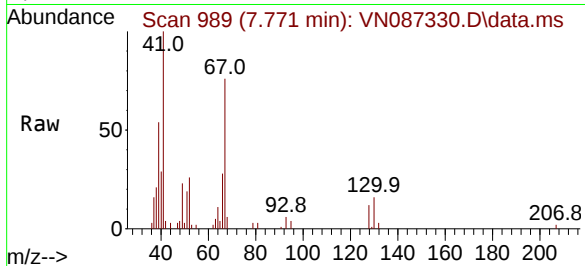




#41
Methacrylonitrile
Concen: 21.054 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

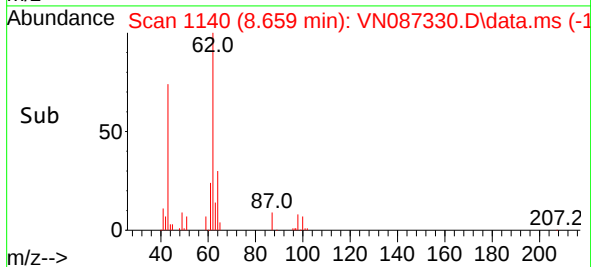
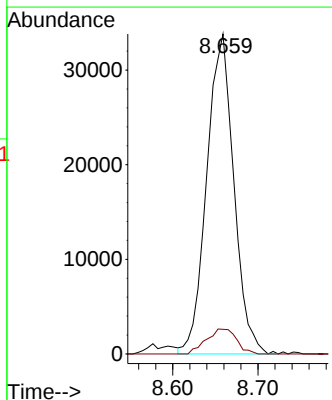
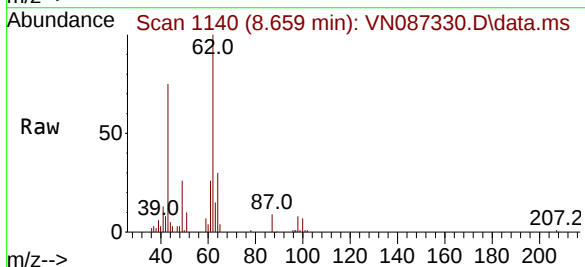
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

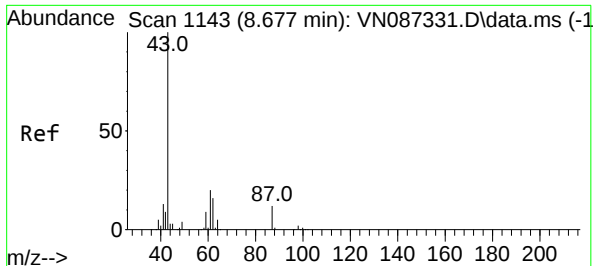
Tgt Ion:	41	Resp:	47550
Ion	Ratio	Lower	Upper
41	100		
39	51.7	43.4	65.0
67	67.2	55.1	82.7
52	30.1	24.9	37.3



#42
1,2-Dichloroethane
Concen: 20.374 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:	62	Resp:	74680
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

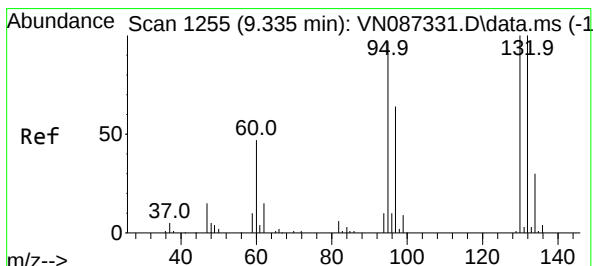
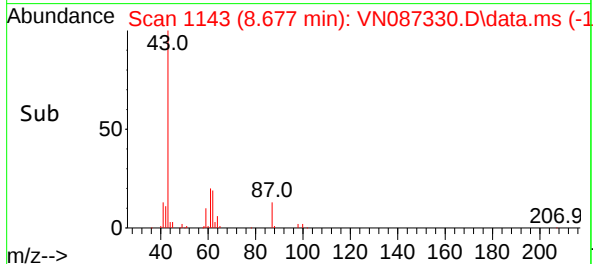
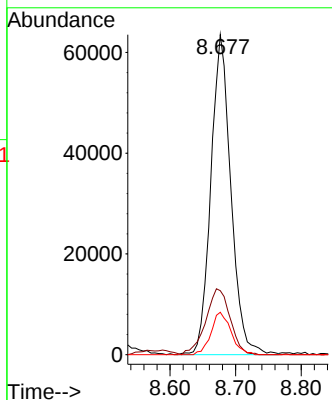
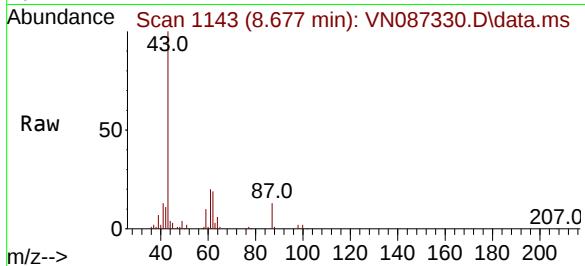




#43
Isopropyl Acetate
Concen: 20.136 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

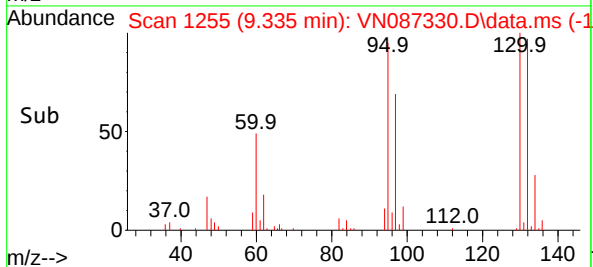
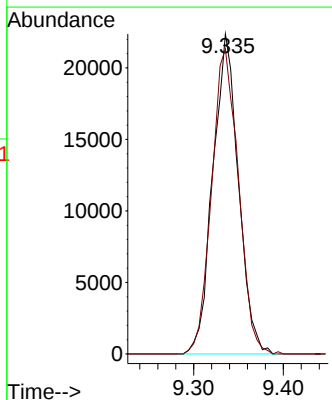
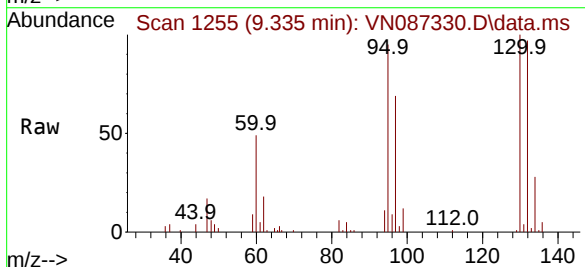
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

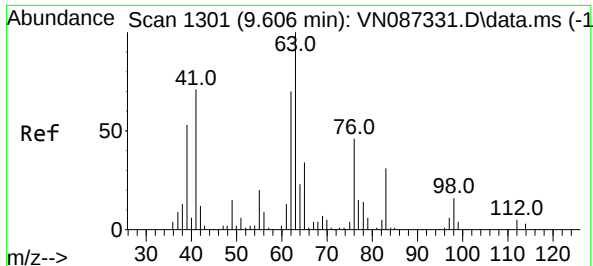
Tgt Ion: 43 Resp: 135010
Ion Ratio Lower Upper
43 100
61 25.0 19.8 29.8
87 13.2 9.8 14.6



#44
Trichloroethene
Concen: 19.354 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:130 Resp: 44202
Ion Ratio Lower Upper
130 100
95 95.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 21.086 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

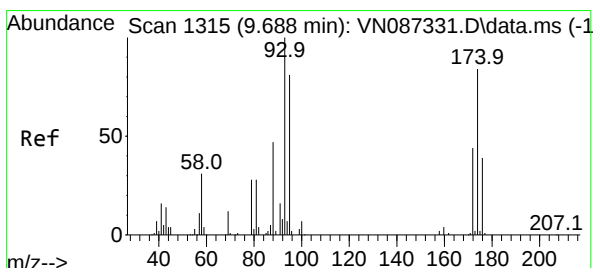
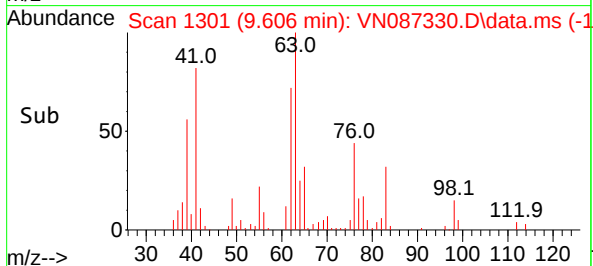
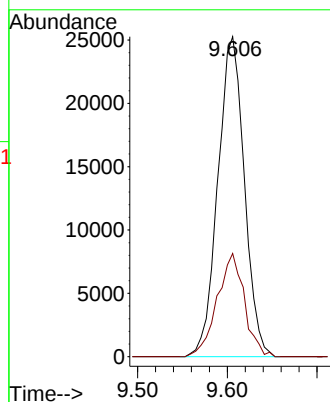
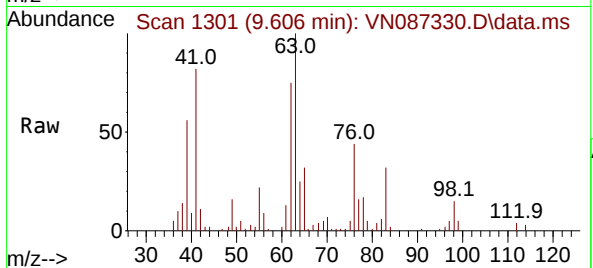
VSTDIC020

Tgt Ion: 63 Resp: 51786

Ion Ratio Lower Upper

63 100

65 32.3 27.0 40.4



#46

Dibromomethane

Concen: 19.943 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

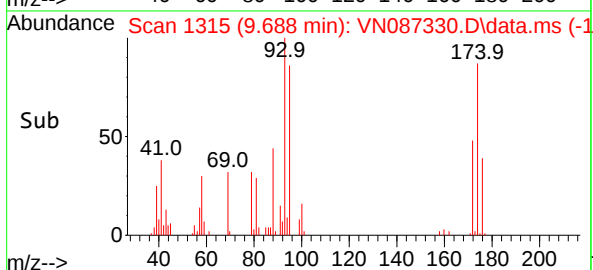
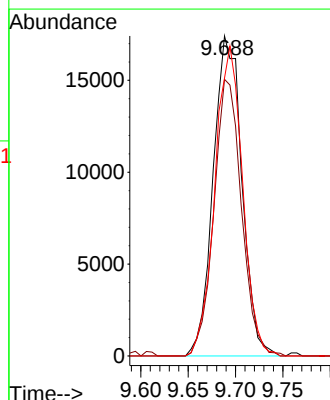
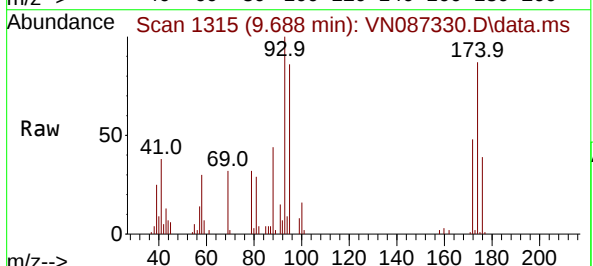
Tgt Ion: 93 Resp: 36673

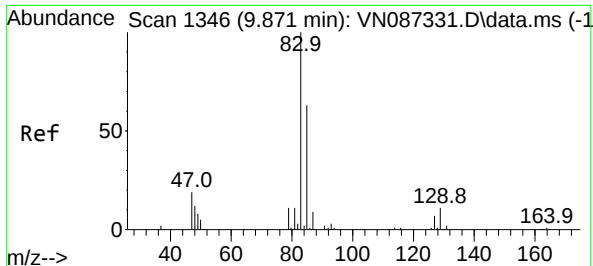
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 93.5 69.9 104.9

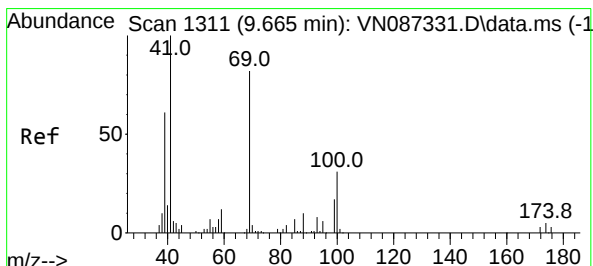
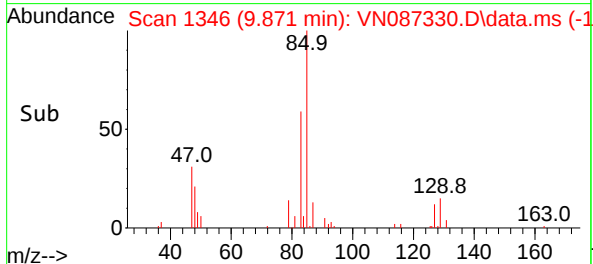
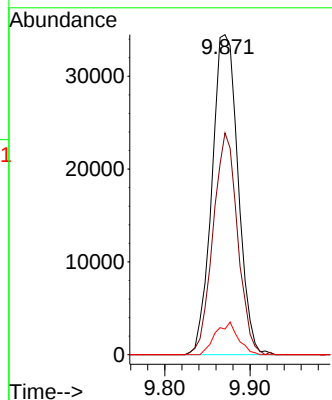
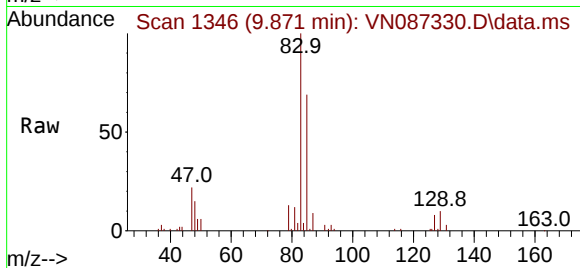




#47
Bromodichloromethane
Concen: 19.819 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

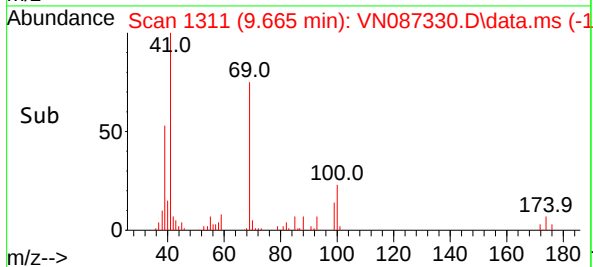
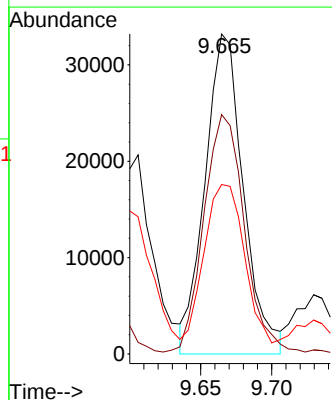
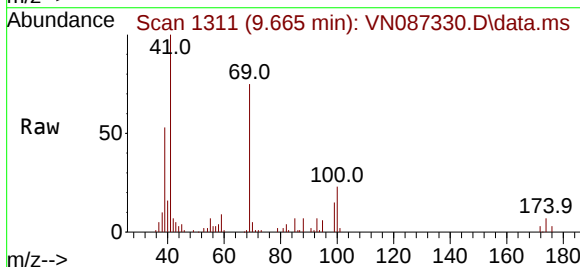
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

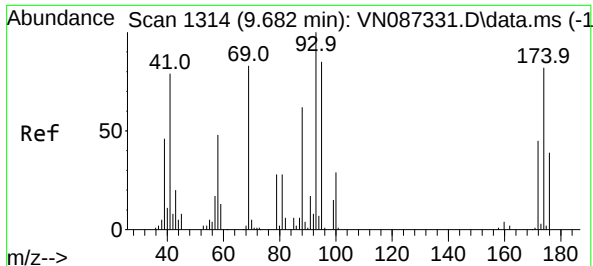
Tgt Ion: 83 Resp: 73409
Ion Ratio Lower Upper
83 100
85 69.3 50.4 75.6
127 8.0 5.8 8.8



#48
Methyl methacrylate
Concen: 20.645 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 41 Resp: 62316
Ion Ratio Lower Upper
41 100
69 78.3 64.1 96.1
39 57.4 45.5 68.3





#49

1,4-Dioxane

Concen: 400.357 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

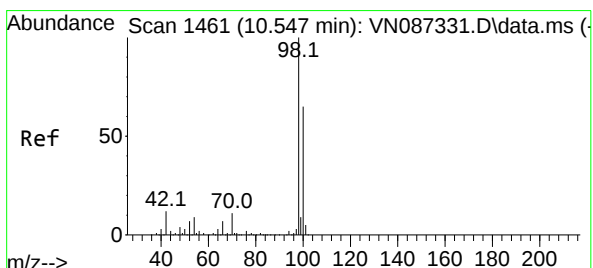
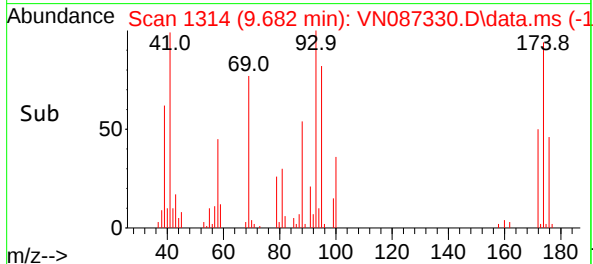
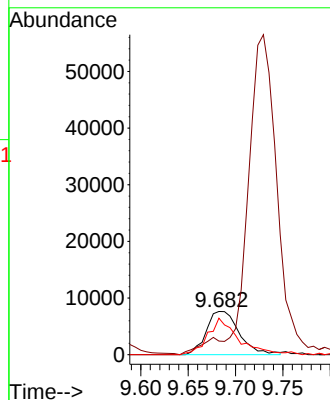
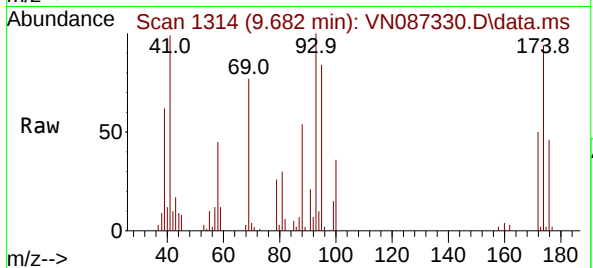
Tgt Ion: 88 Resp: 18509

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0#

58 76.8 61.1 91.7



#50

Toluene-d8

Concen: 19.119 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087330.D

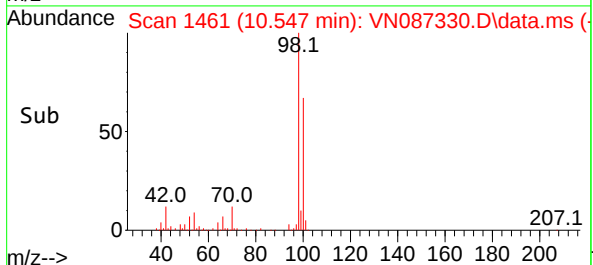
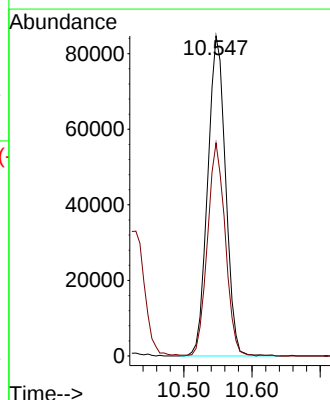
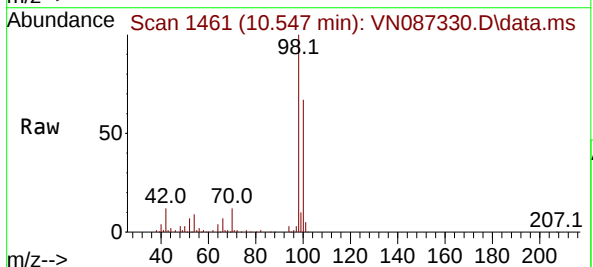
Acq: 16 Jul 2025 17:49

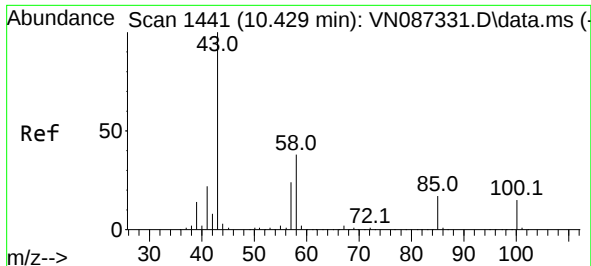
Tgt Ion: 98 Resp: 154381

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1

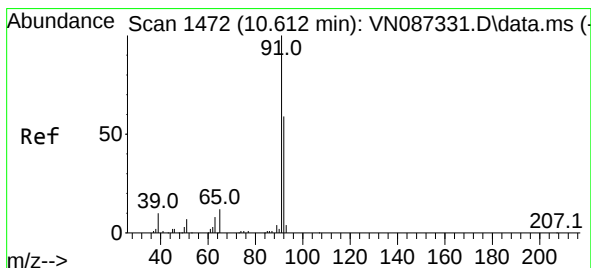
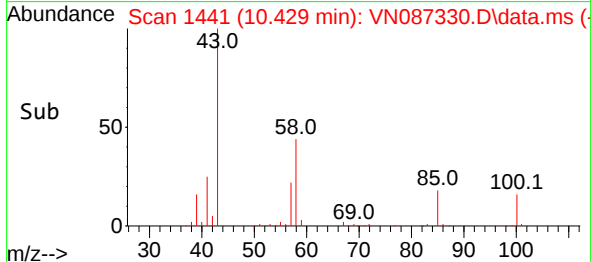
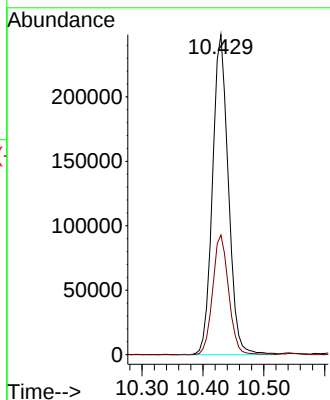
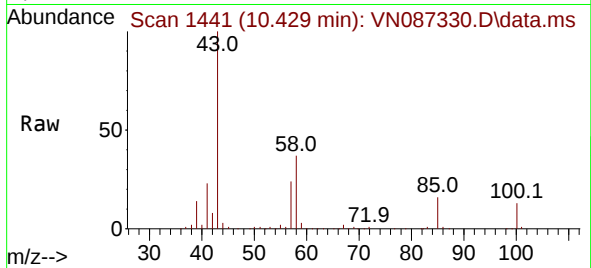




#51
4-Methyl-2-Pentanone
Concen: 106.046 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

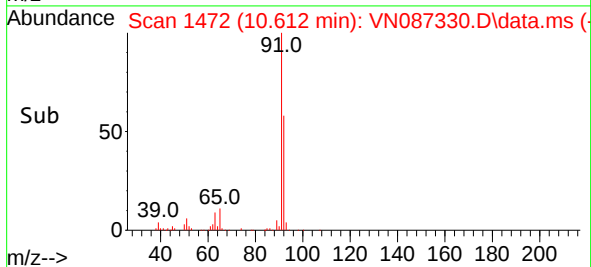
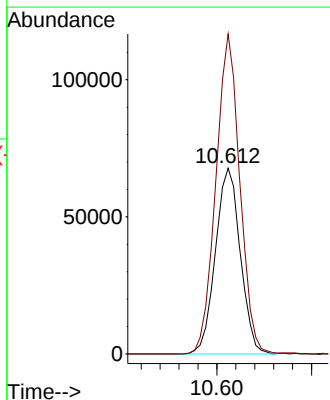
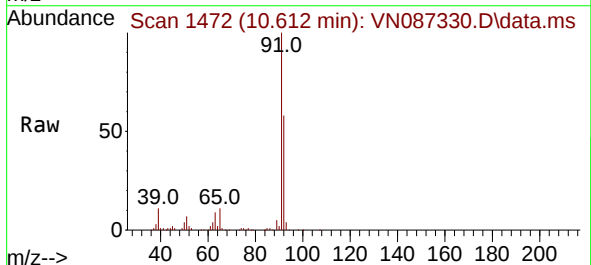
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

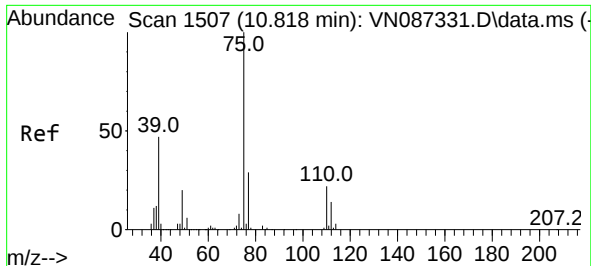
Tgt Ion: 43 Resp: 449710
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2



#52
Toluene
Concen: 21.002 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 92 Resp: 123391
Ion Ratio Lower Upper
92 100
91 166.7 135.1 202.7

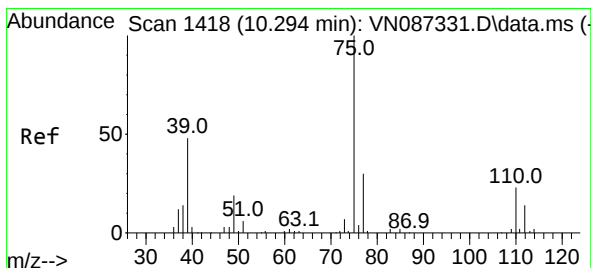
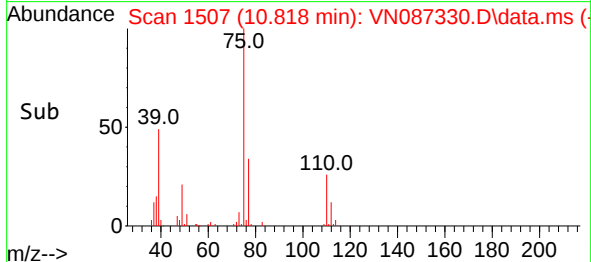
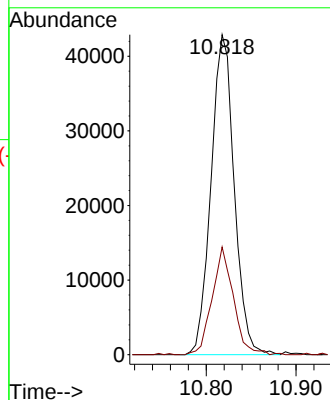
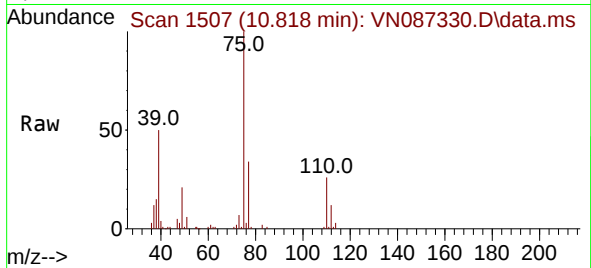




#53
t-1,3-Dichloropropene
Concen: 20.530 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

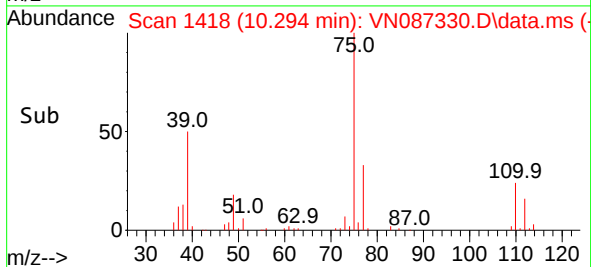
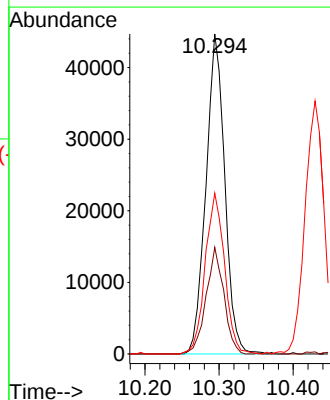
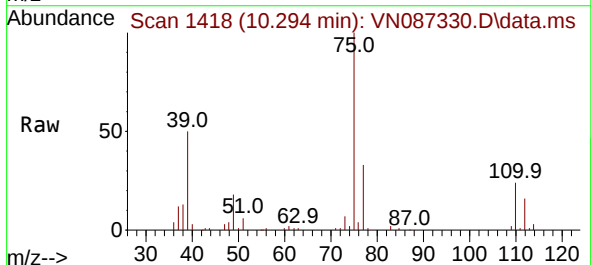
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

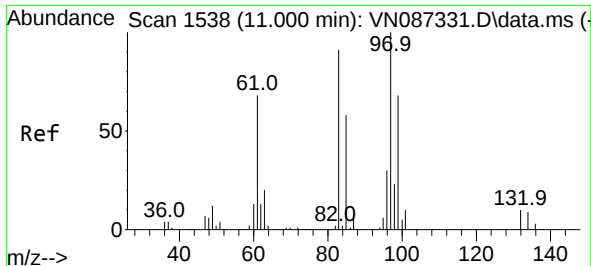
Tgt Ion: 75 Resp: 76959
Ion Ratio Lower Upper
75 100
77 33.6 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 20.407 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 79019
Ion Ratio Lower Upper
75 100
77 33.3 24.2 36.2
39 50.3 38.4 57.6

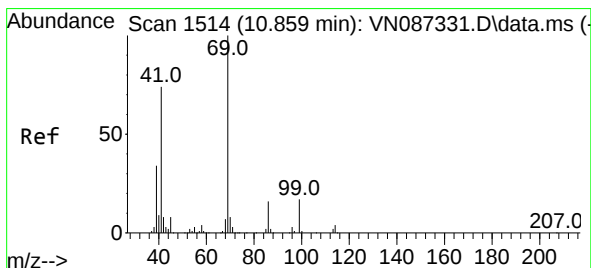
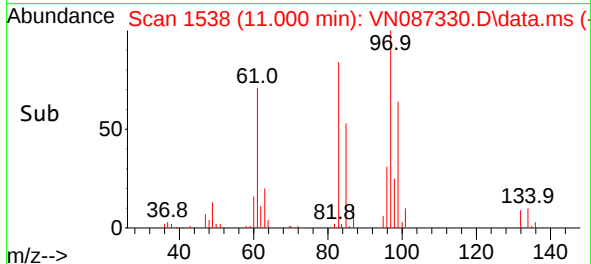
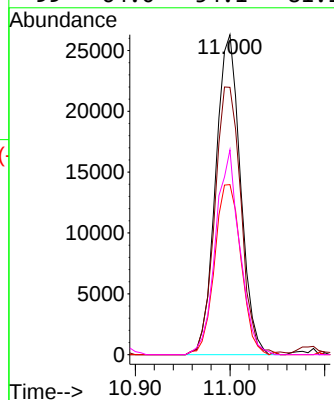
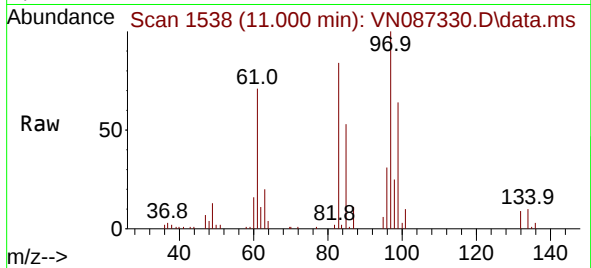




#55
1,1,2-Trichloroethane
Concen: 20.164 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

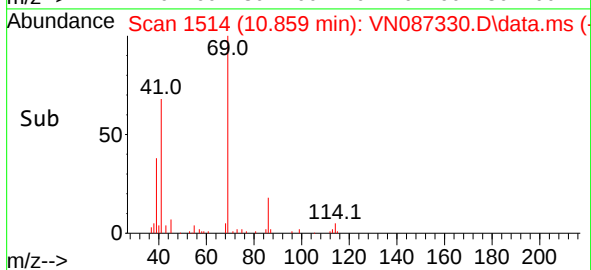
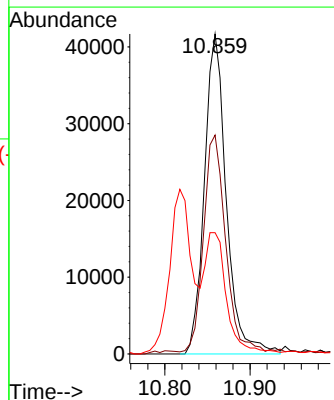
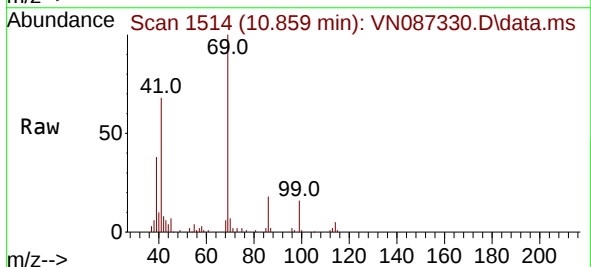
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

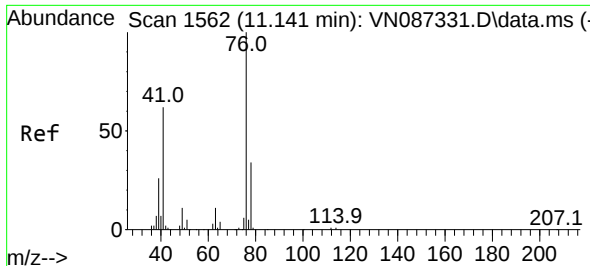
Tgt Ion:	97	Resp:	47960
Ion	Ratio	Lower	Upper
97	100		
83	83.6	72.6	109.0
85	53.1	46.7	70.1
99	64.0	54.1	81.1



#56
Ethyl methacrylate
Concen: 19.384 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:	69	Resp:	74408
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.1	82.7
39	36.2	27.9	41.9





#57

1,3-Dichloropropane

Concen: 20.800 ug/l

RT: 11.147 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

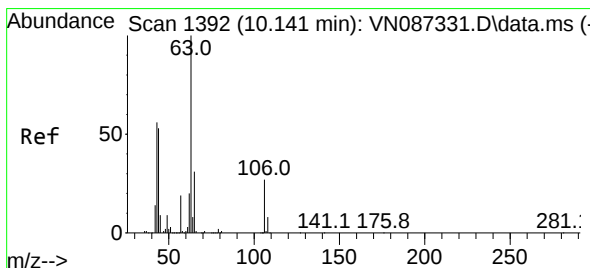
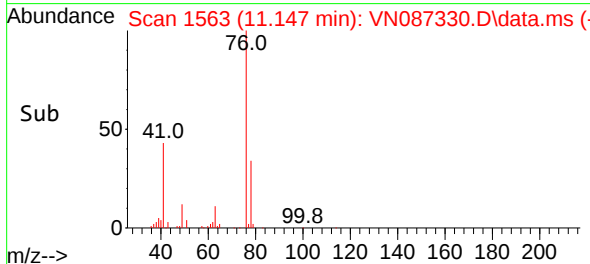
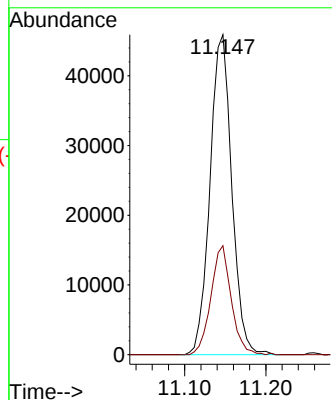
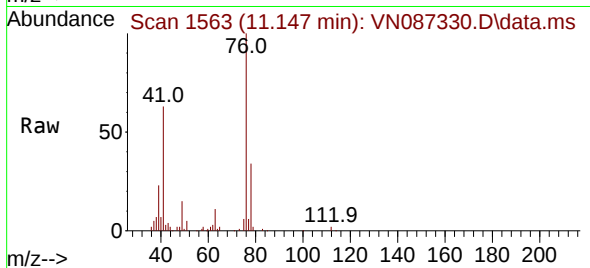
VSTDIC020

Tgt Ion: 76 Resp: 85537

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.839 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087330.D

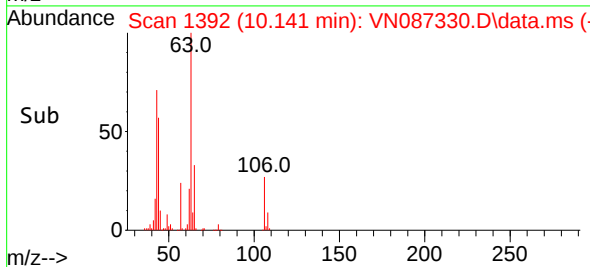
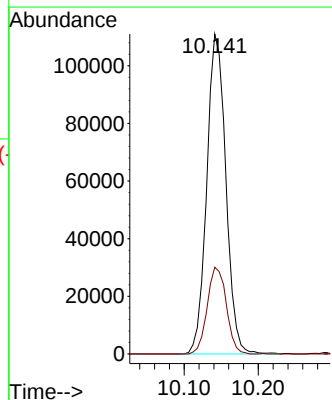
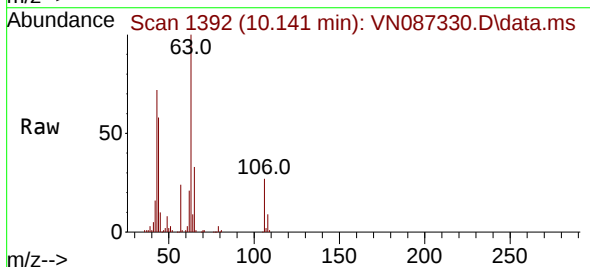
Acq: 16 Jul 2025 17:49

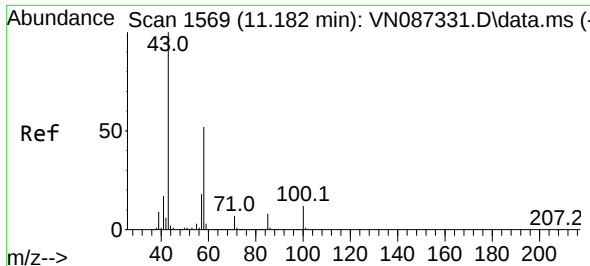
Tgt Ion: 63 Resp: 198704

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5

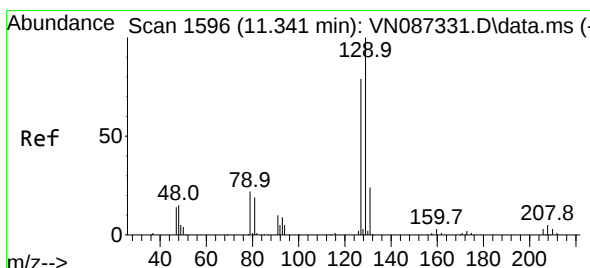
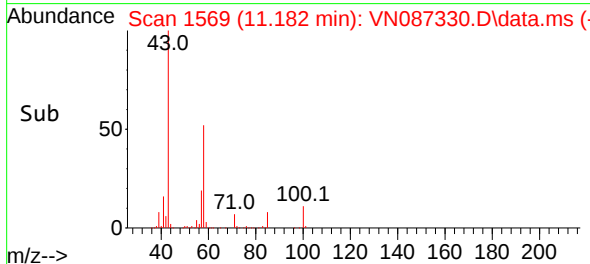
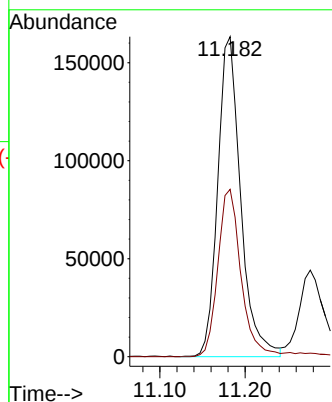
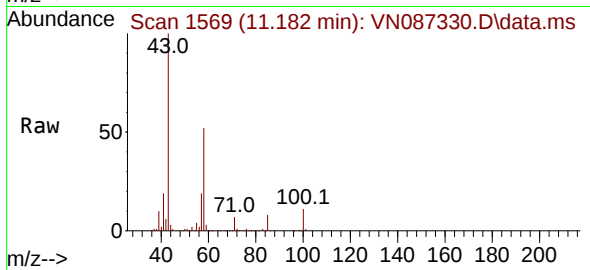




#59
2-Hexanone
Concen: 108.526 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

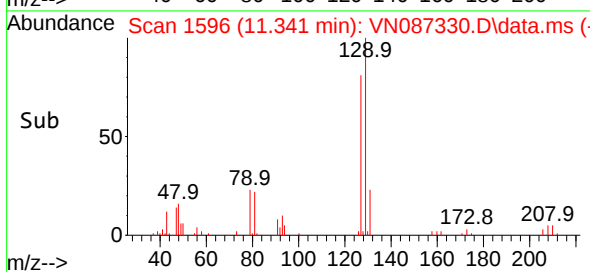
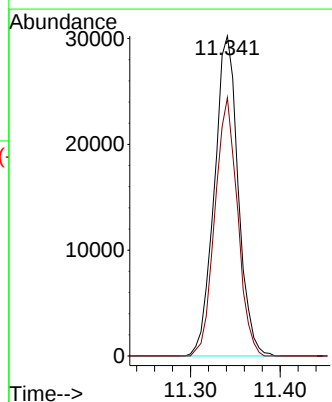
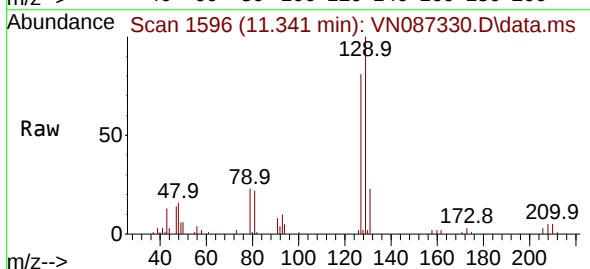
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

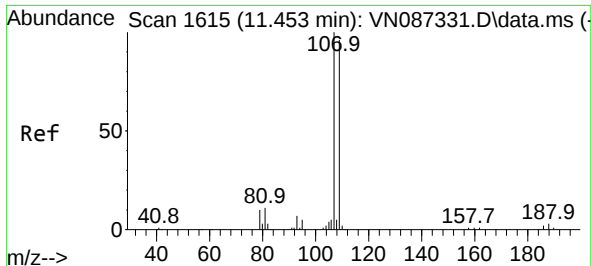
Tgt Ion: 43 Resp: 305342
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.0



#60
Dibromochloromethane
Concen: 20.564 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 129 Resp: 55783
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.5

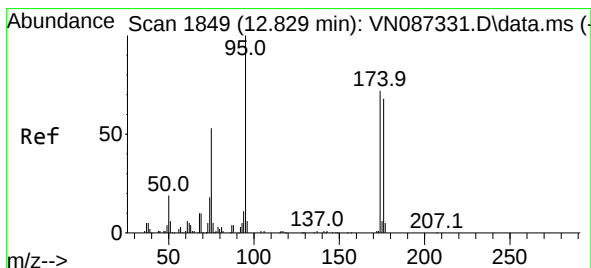
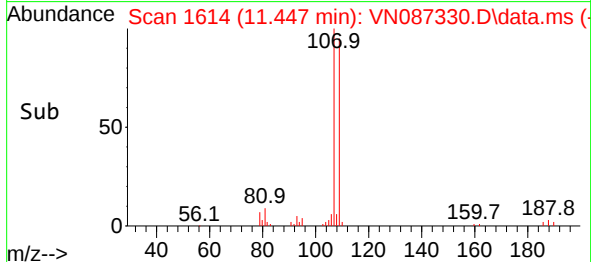
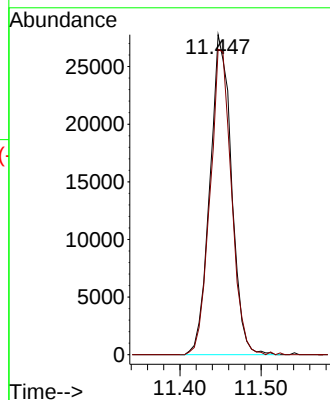
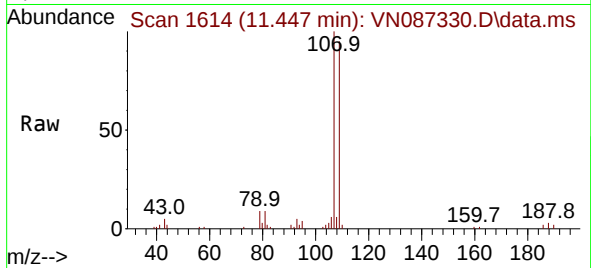




#61
1,2-Dibromoethane
Concen: 20.509 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

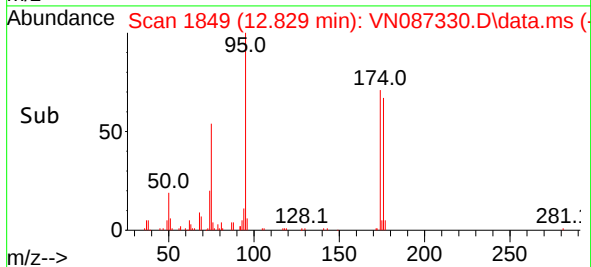
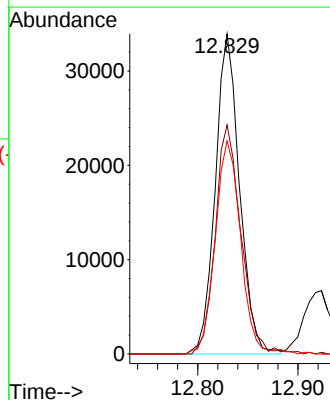
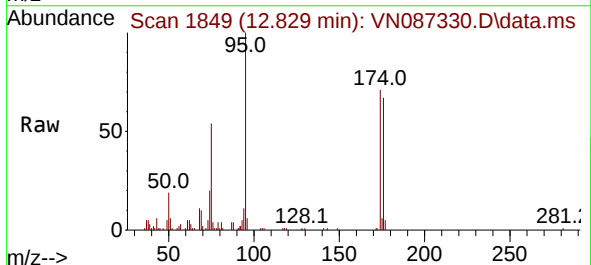
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

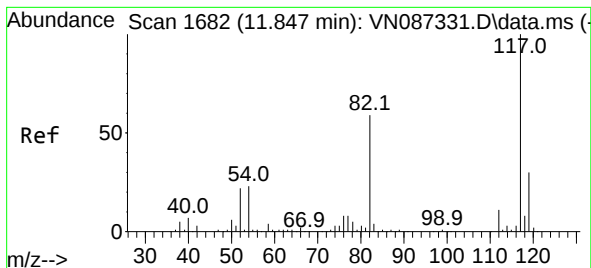
Tgt Ion:107 Resp: 51292
Ion Ratio Lower Upper
107 100
109 94.2 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 19.051 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 95 Resp: 56832
Ion Ratio Lower Upper
95 100
174 75.9 0.0 149.4
176 70.0 0.0 141.2

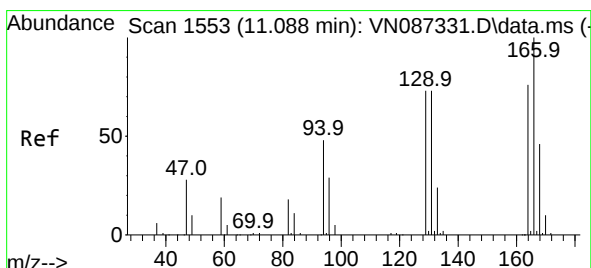
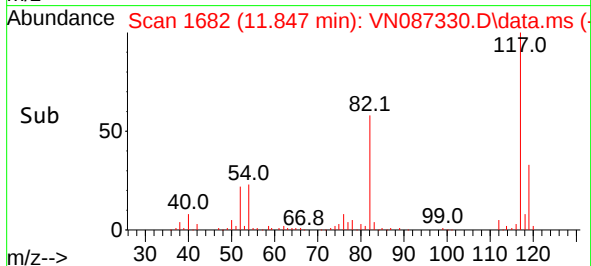
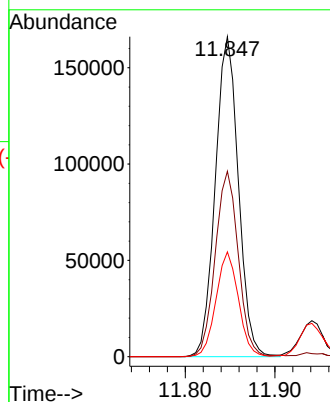
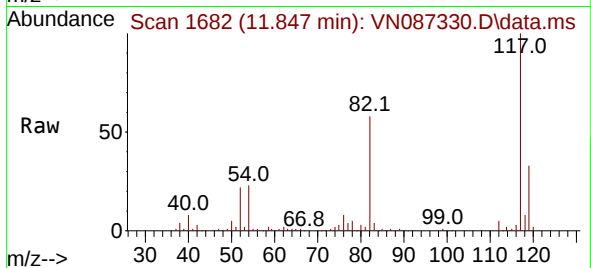




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

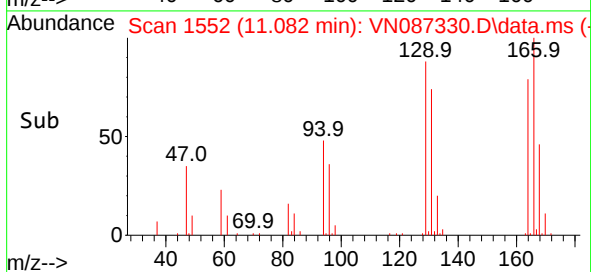
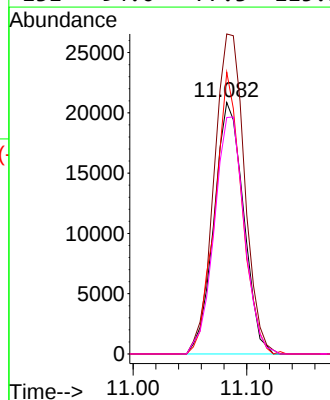
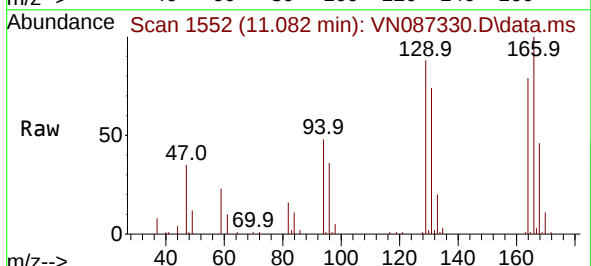
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

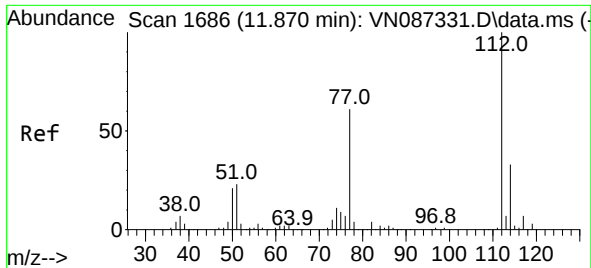
Tgt Ion:117 Resp: 297202
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.7 23.8 35.8



#64
Tetrachloroethene
Concen: 19.686 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:164 Resp: 37655
Ion Ratio Lower Upper
164 100
166 127.2 105.5 158.3
129 112.0 77.4 116.2
131 94.0 77.3 115.9

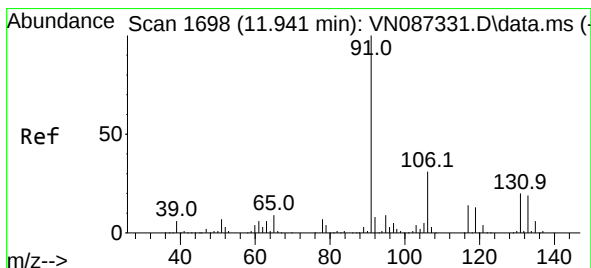
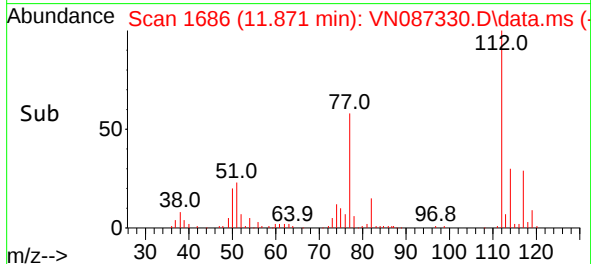
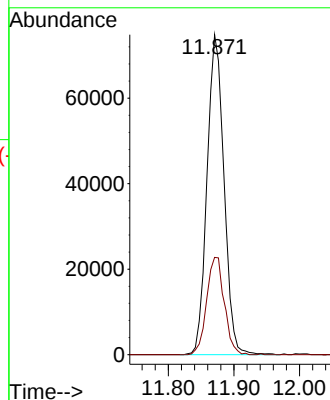
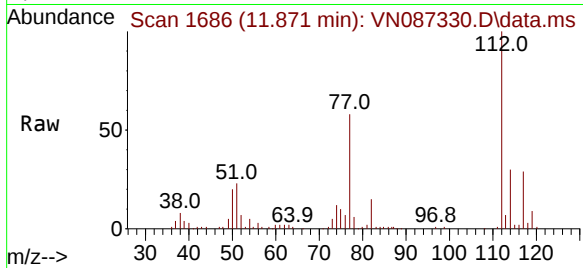




#65
Chlorobenzene
Concen: 20.183 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

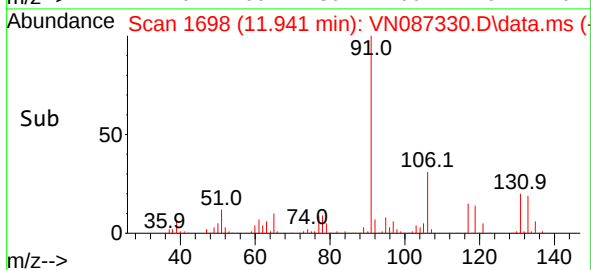
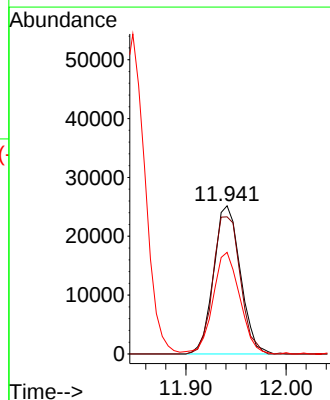
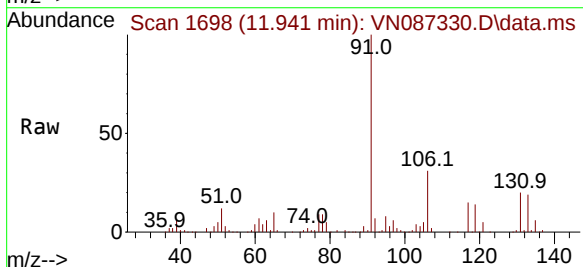
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

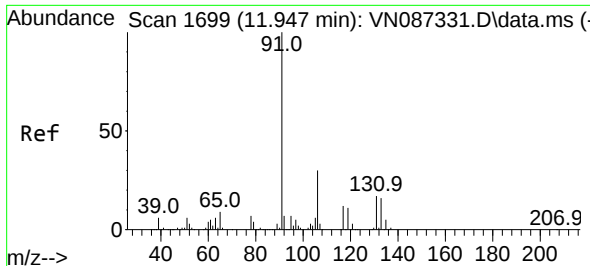
Tgt Ion:112 Resp: 134668
Ion Ratio Lower Upper
112 100
114 30.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.570 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:131 Resp: 46671
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 68.8 33.1 99.2

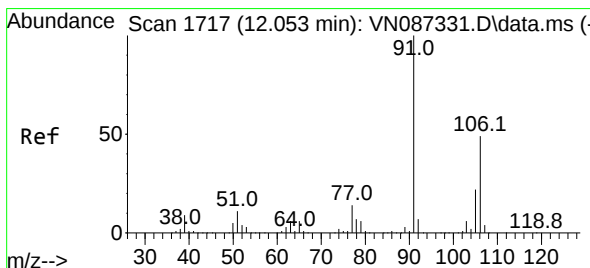
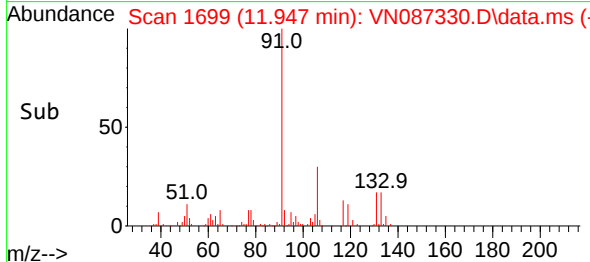
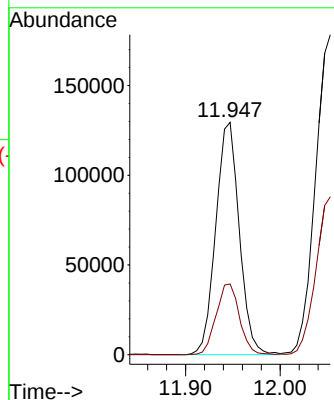
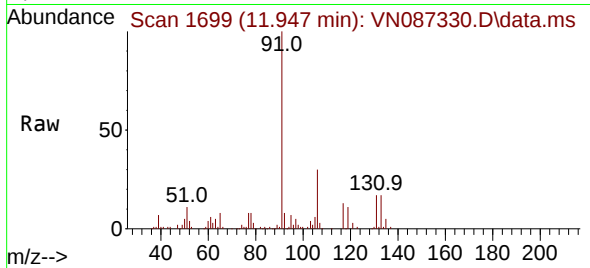




#67
Ethyl Benzene
Concen: 20.367 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

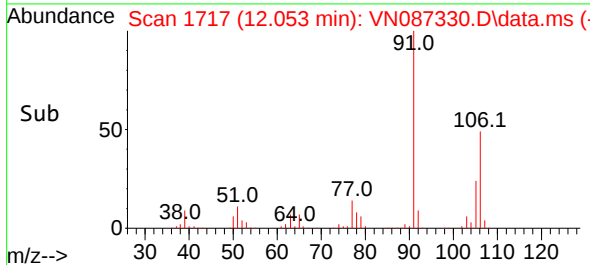
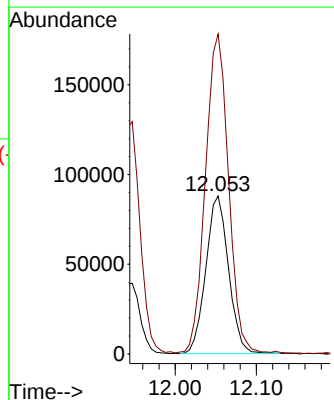
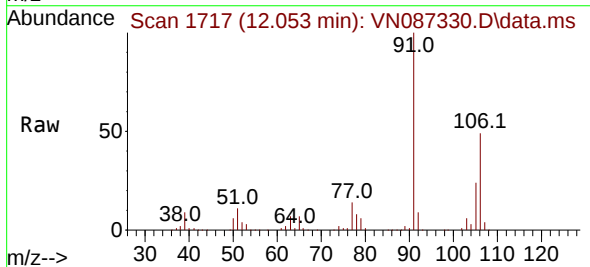
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

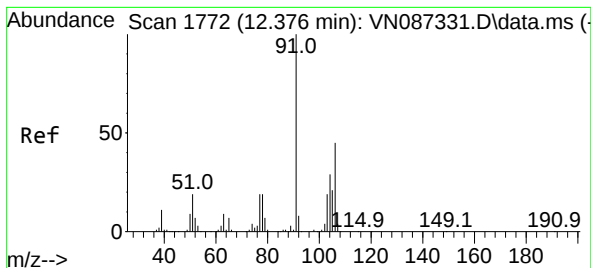
Tgt Ion: 91 Resp: 223715
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 41.473 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:106 Resp: 170590
Ion Ratio Lower Upper
106 100
91 205.1 162.0 243.0





#69

o-Xylene

Concen: 21.230 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

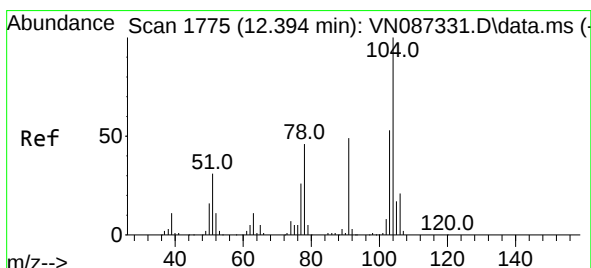
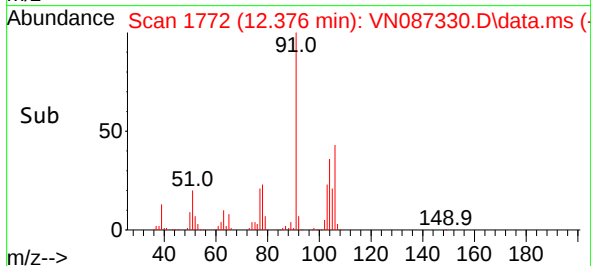
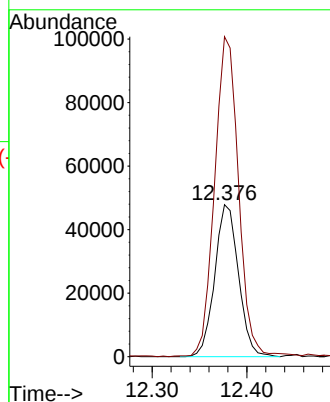
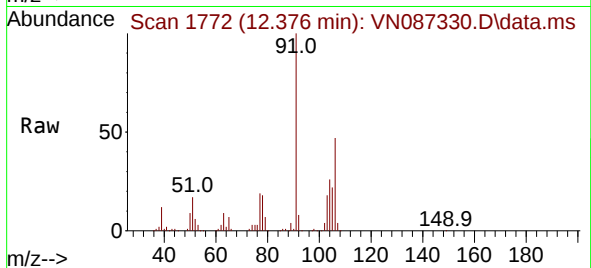
VSTDIC020

Tgt Ion:106 Resp: 83415

Ion Ratio Lower Upper

106 100

91 212.7 107.7 323.3



#70

Styrene

Concen: 21.323 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

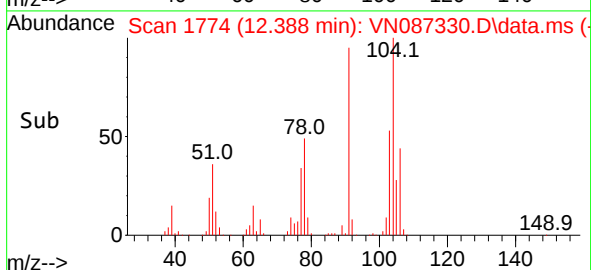
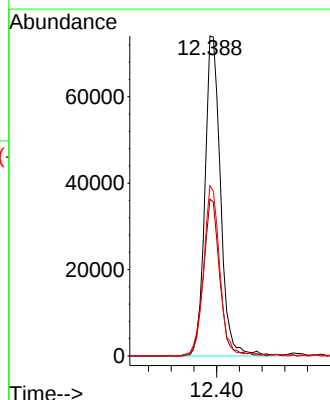
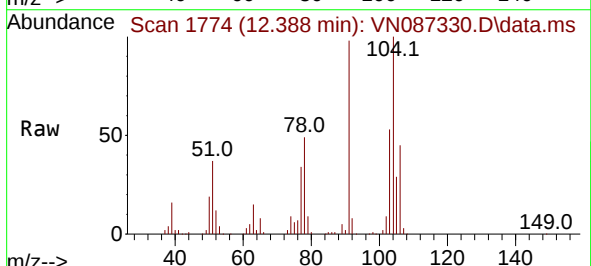
Tgt Ion:104 Resp: 140937

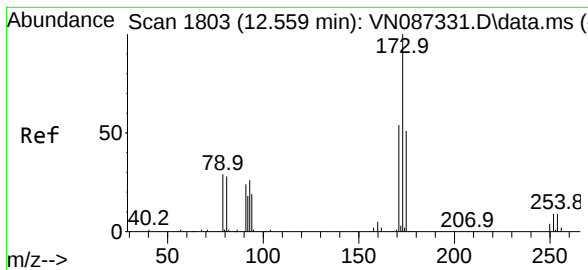
Ion Ratio Lower Upper

104 100

78 51.6 41.0 61.6

103 54.8 43.9 65.9

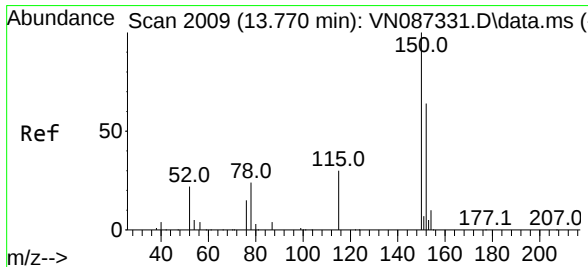
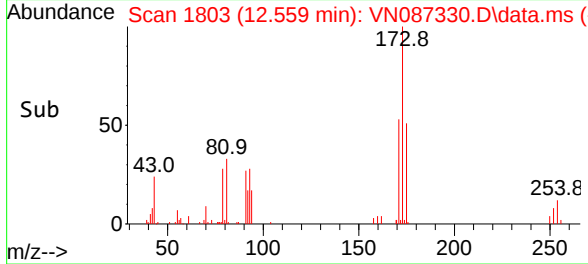
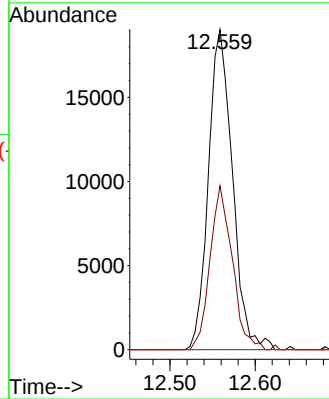
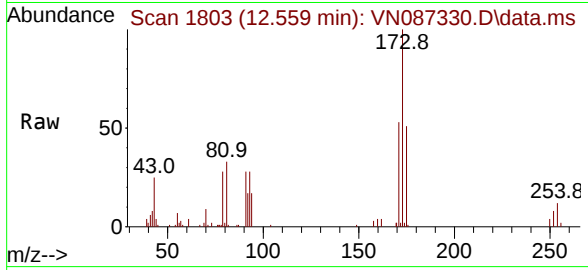




#71
Bromoform
Concen: 20.383 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

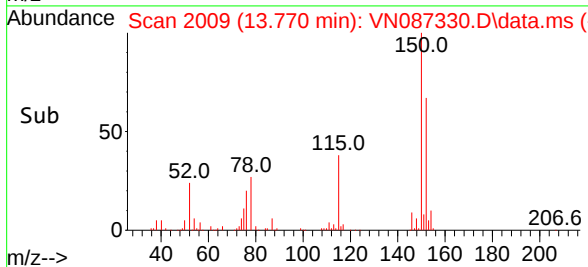
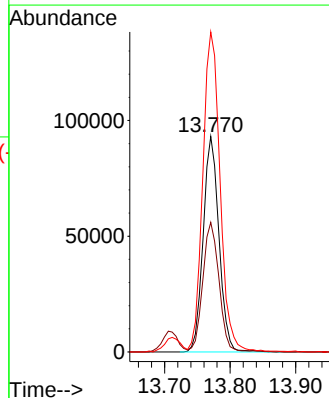
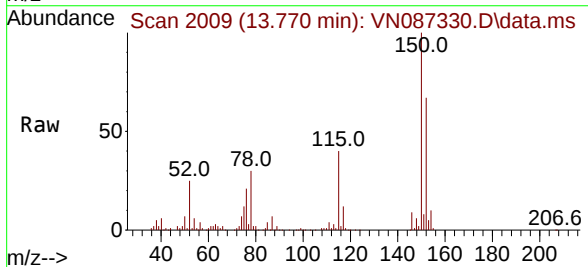
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

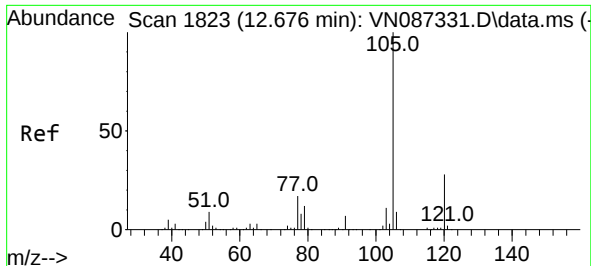
Tgt Ion:173 Resp: 37362
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:152 Resp: 156249
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.5
150 162.0 0.0 349.0

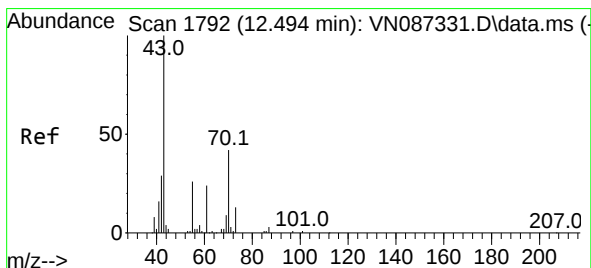
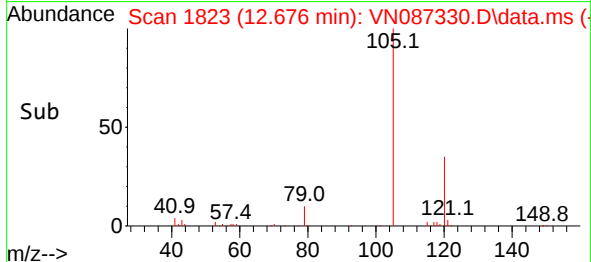
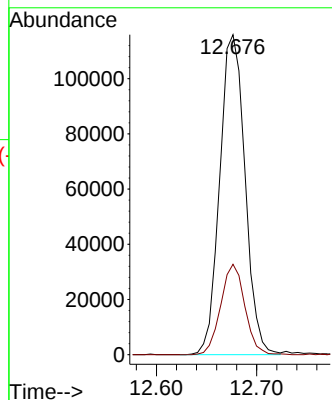
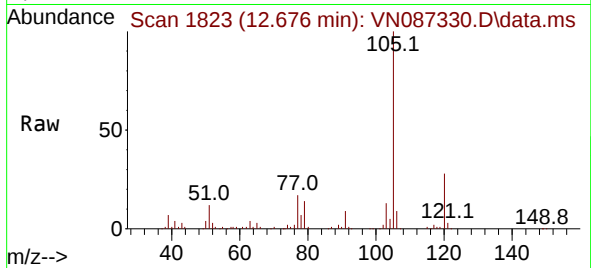




#73
Isopropylbenzene
Concen: 20.601 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

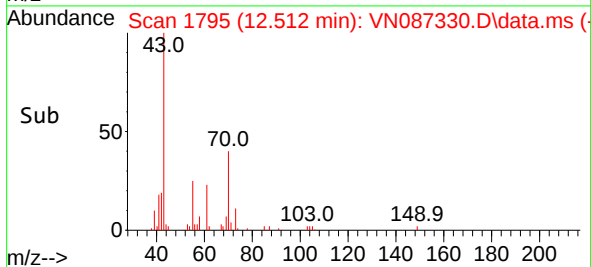
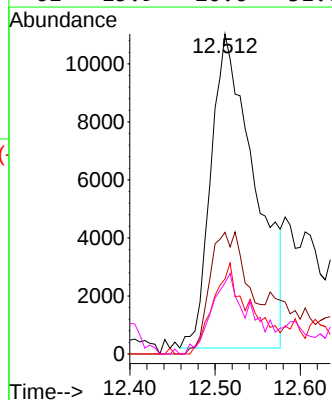
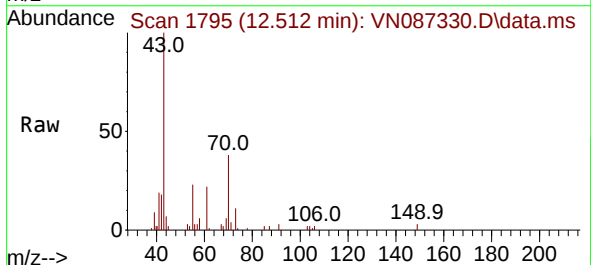
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

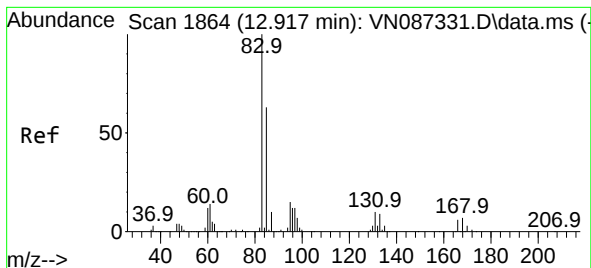
Tgt Ion:105 Resp: 202595
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 10.102 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.018 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 38787
Ion Ratio Lower Upper
43 100
70 35.0 37.6 56.4#
55 24.7 19.6 29.4
61 15.9 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.733 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

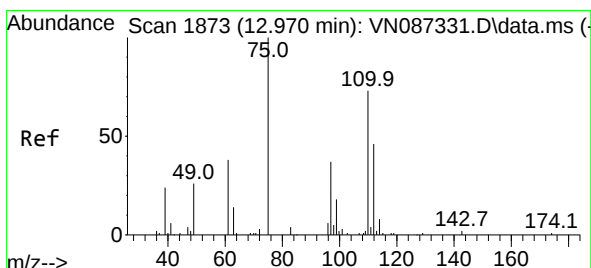
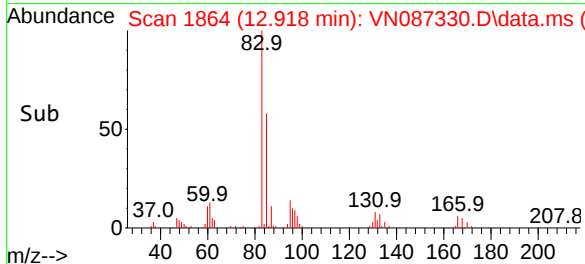
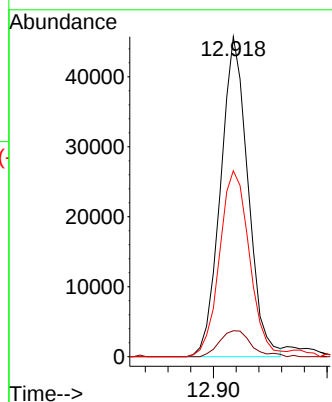
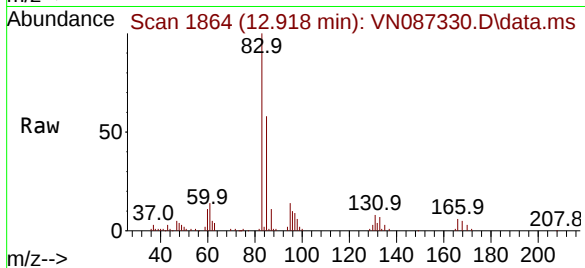
Tgt Ion: 83 Resp: 76720

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 63.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 29.744 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN087330.D

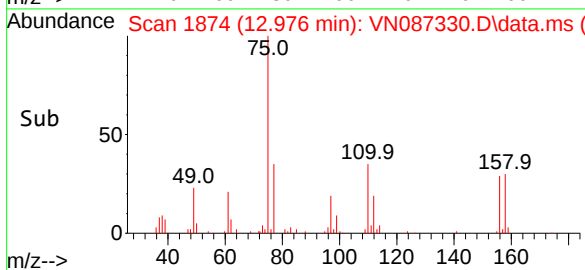
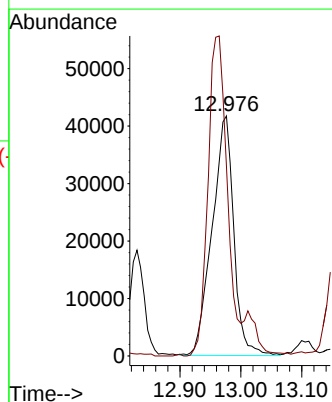
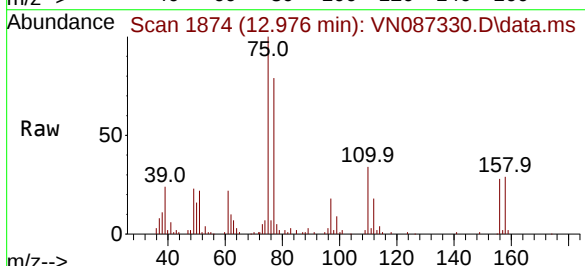
Acq: 16 Jul 2025 17:49

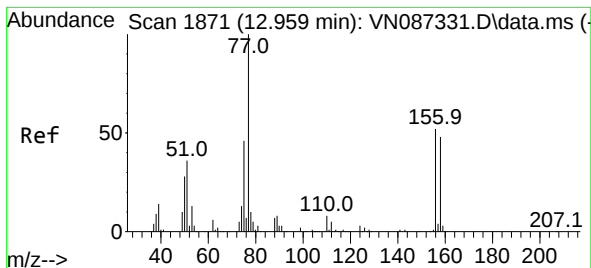
Tgt Ion: 75 Resp: 103107

Ion Ratio Lower Upper

75 100

77 117.9 94.5 283.6

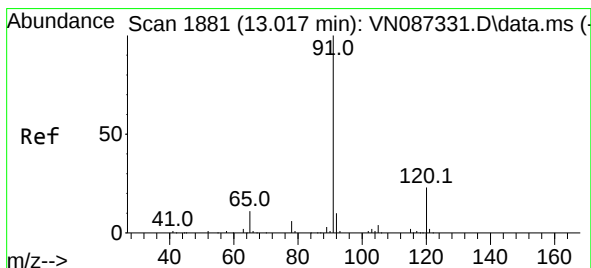
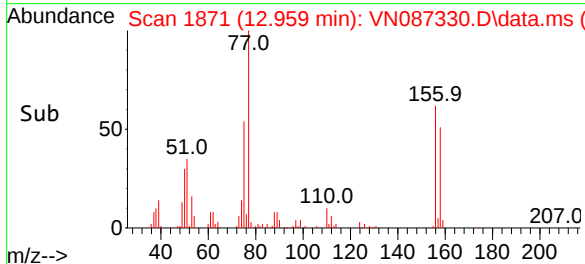
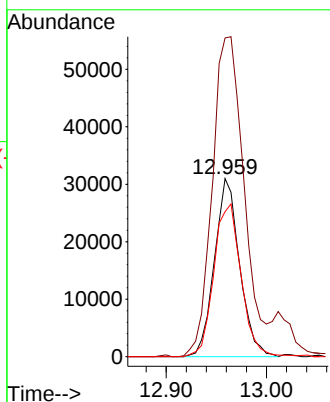
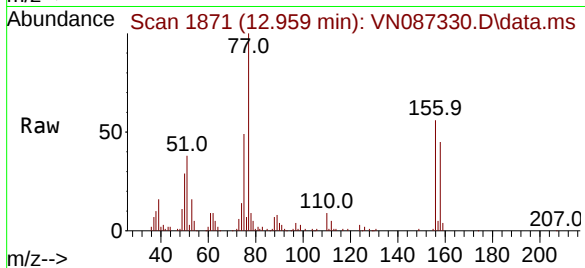




#77
Bromobenzene
Concen: 21.127 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

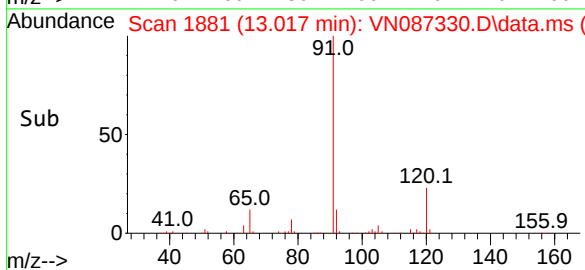
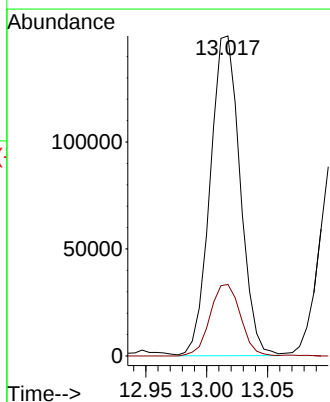
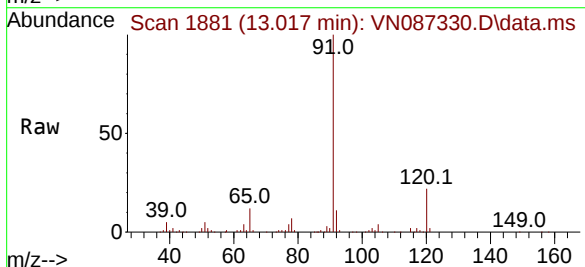
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

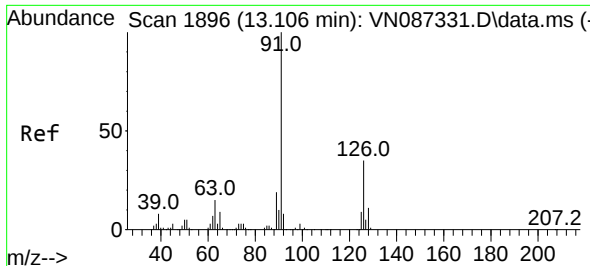
Tgt Ion	156	Resp	53881
Ion Ratio	Lower	Upper	
156	100		
77	225.6	114.9	344.6
158	93.0	48.5	145.5



#78
n-propylbenzene
Concen: 20.656 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion	91	Resp	255577
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.8

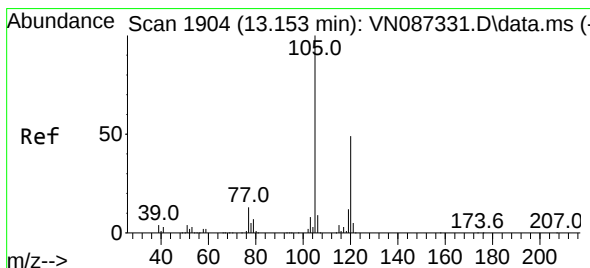
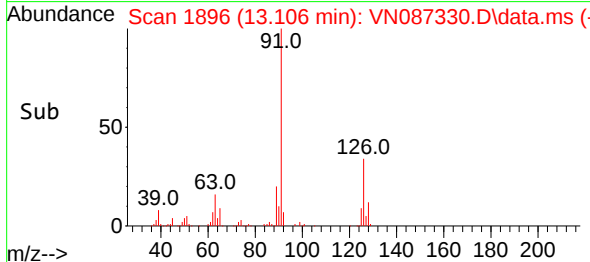
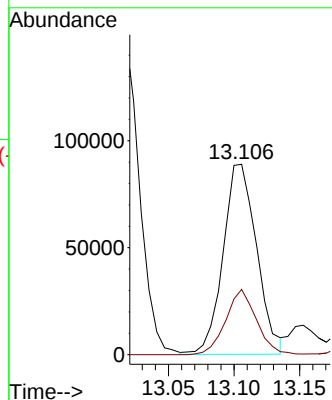
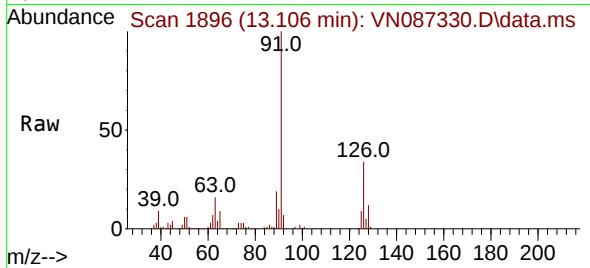




#79
2-Chlorotoluene
Concen: 20.836 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

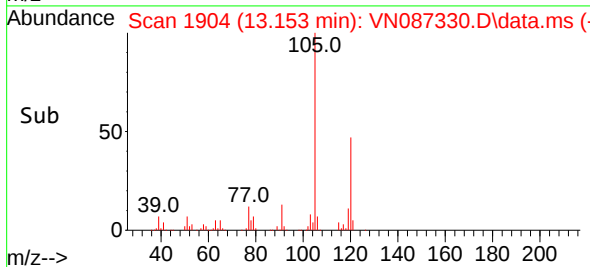
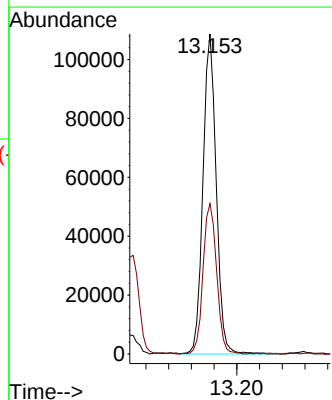
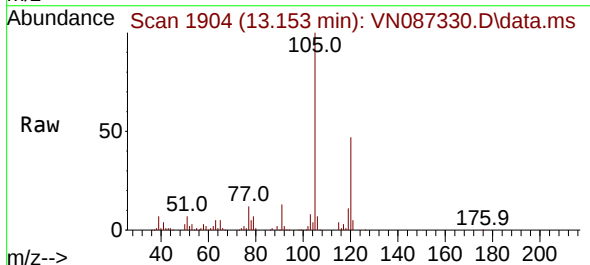
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

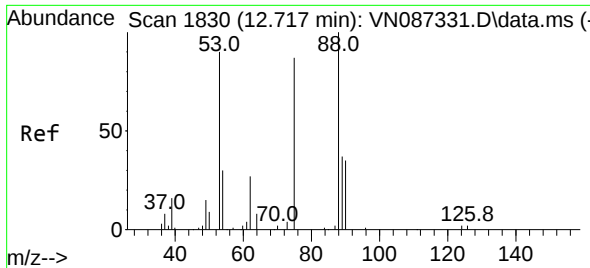
Tgt Ion: 91 Resp: 158436
Ion Ratio Lower Upper
91 100
126 31.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.006 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 105 Resp: 176006
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8

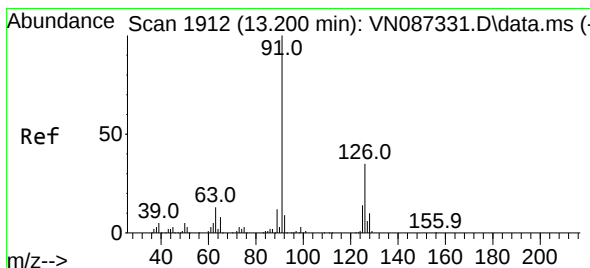
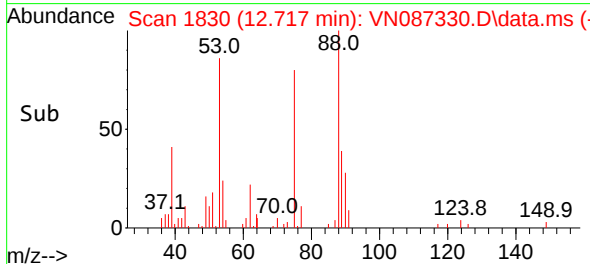
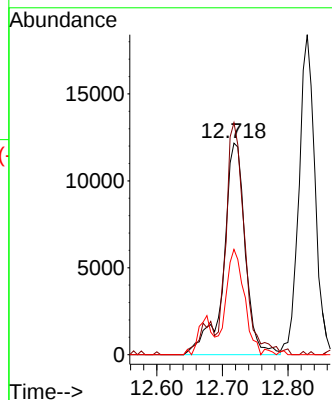
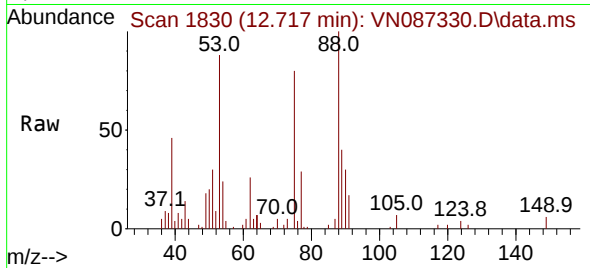




#81
trans-1,4-Dichloro-2-butene
Concen: 21.846 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

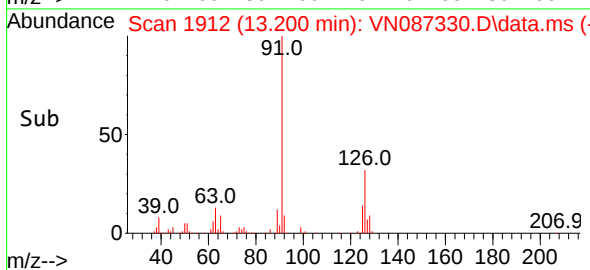
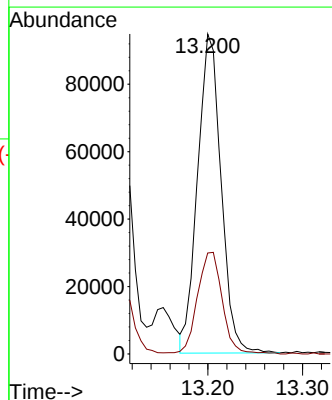
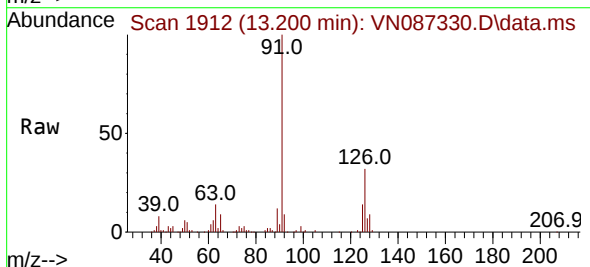
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

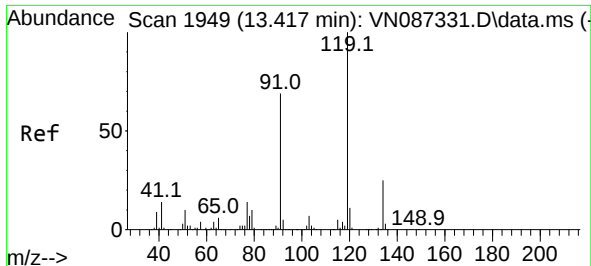
Tgt Ion: 75 Resp: 27975
Ion Ratio Lower Upper
75 100
53 93.5 83.5 125.3
89 42.7 38.4 57.6



#82
4-Chlorotoluene
Concen: 20.667 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 91 Resp: 163615
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.7

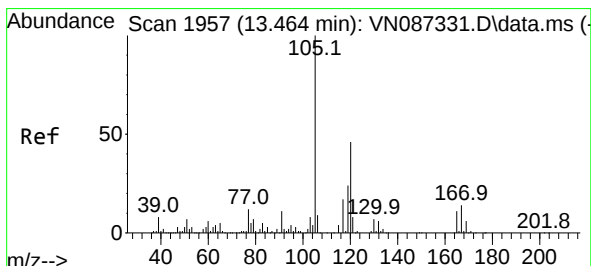
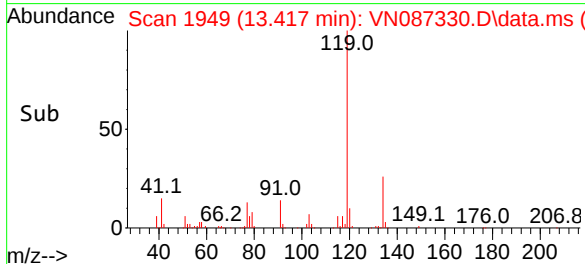
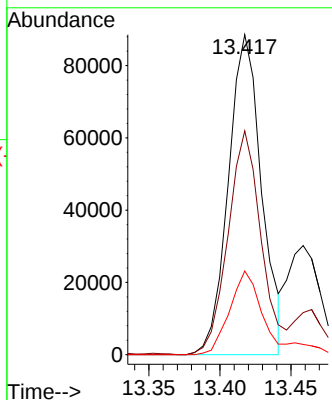
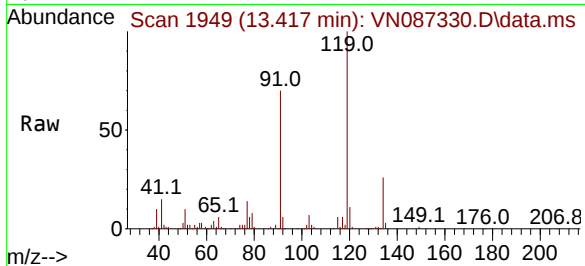




#83
tert-Butylbenzene
Concen: 20.571 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

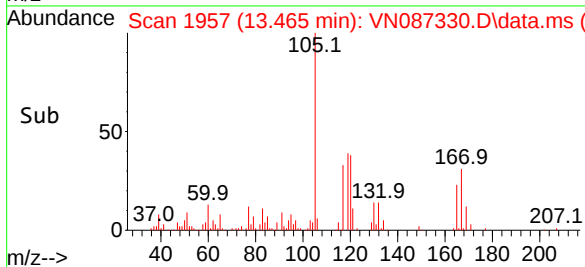
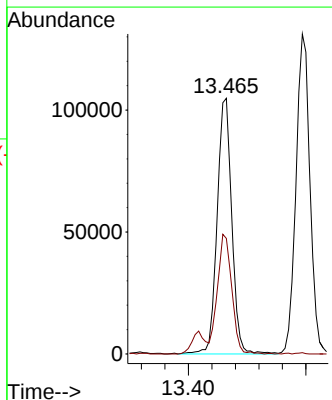
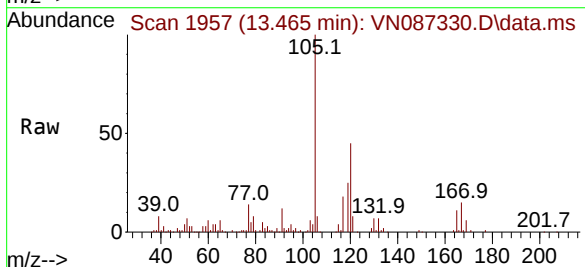
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

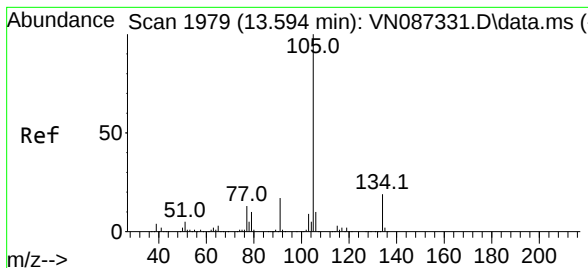
Tgt Ion:119 Resp: 143954
Ion Ratio Lower Upper
119 100
91 70.2 35.0 105.1
134 27.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 21.226 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:105 Resp: 181623
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.516 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

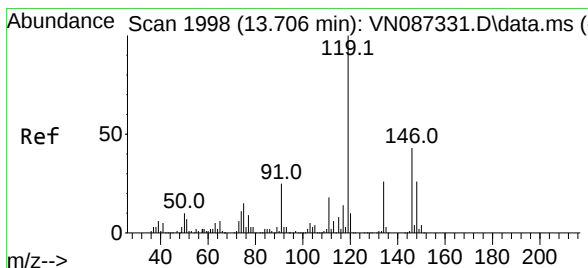
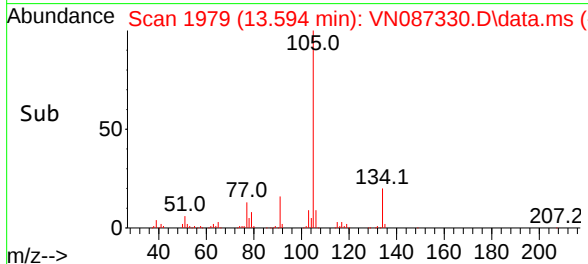
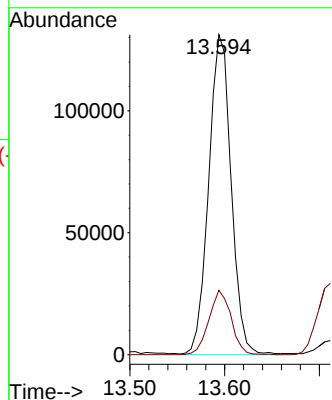
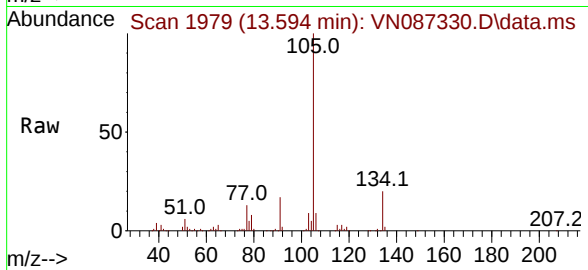
VSTDIC020

Tgt Ion:105 Resp: 216256

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.758 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

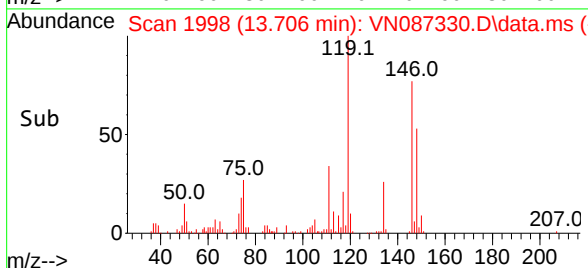
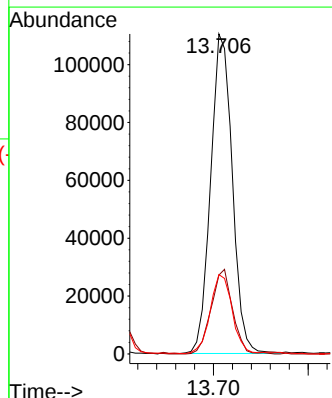
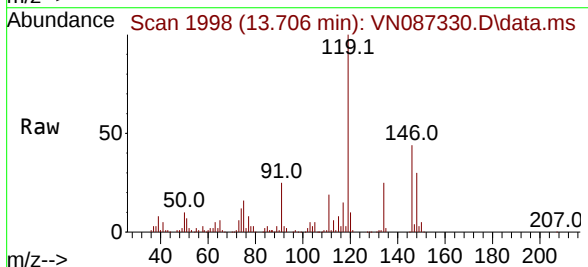
Tgt Ion:119 Resp: 175352

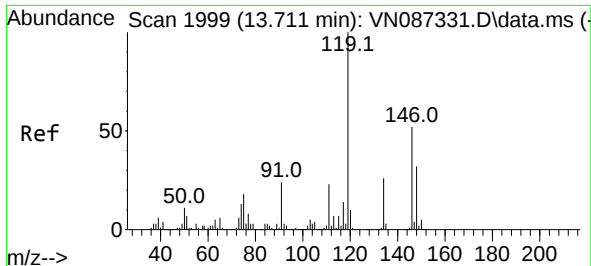
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.609 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

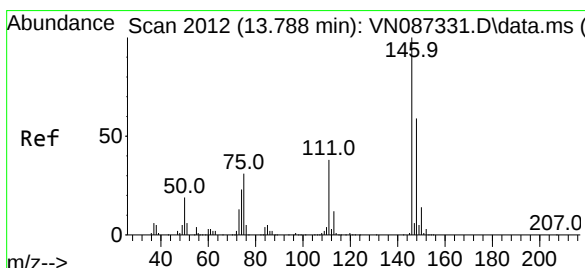
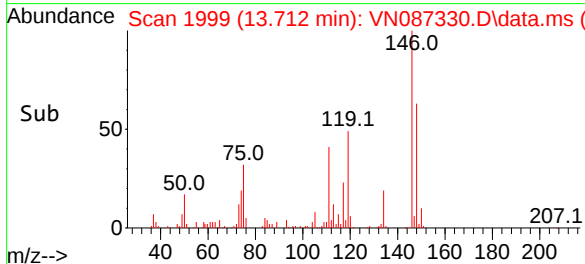
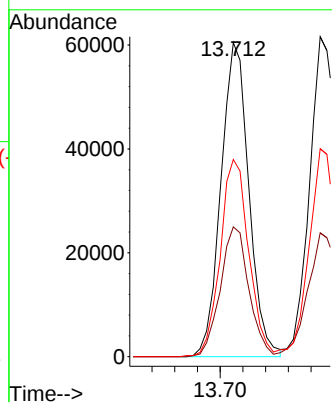
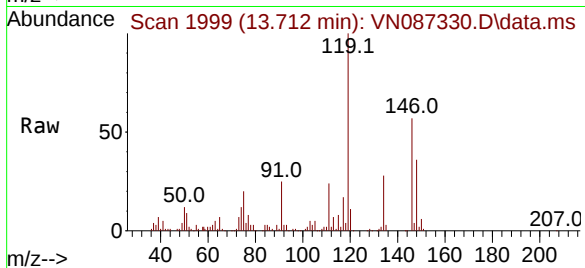
Tgt Ion:146 Resp: 103157

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.370 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

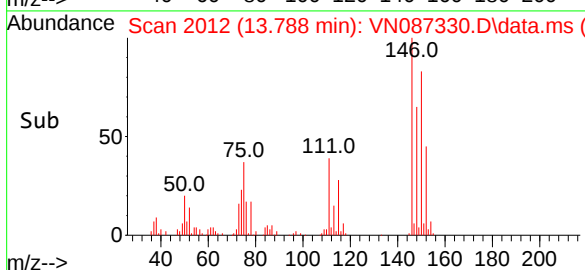
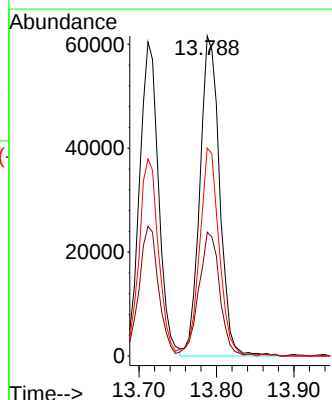
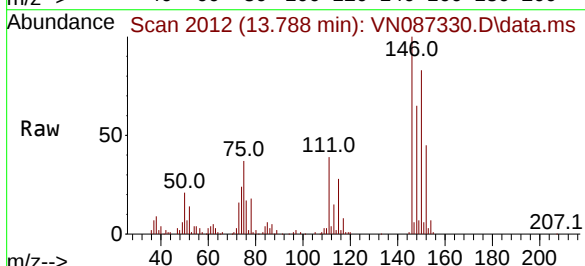
Tgt Ion:146 Resp: 108898

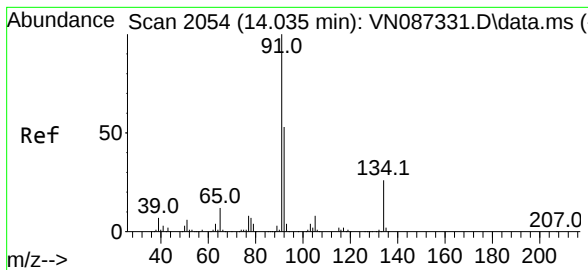
Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.7

148 63.9 31.4 94.0

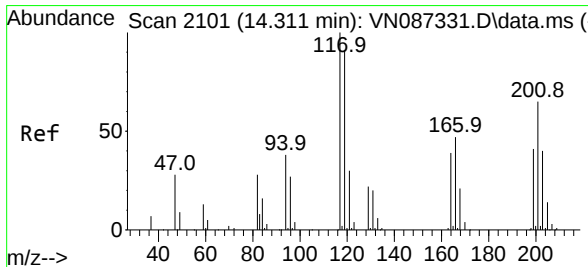
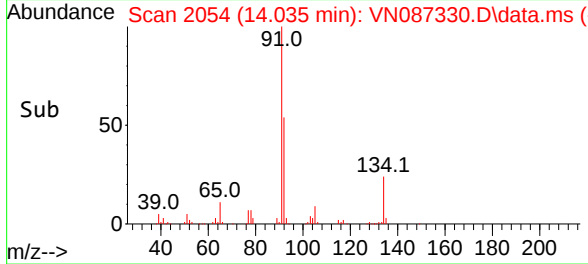
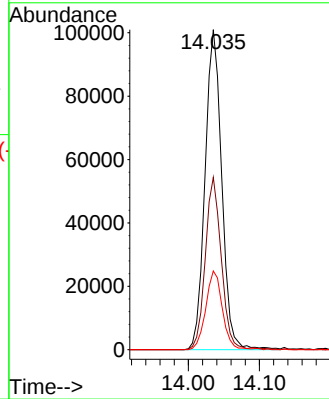
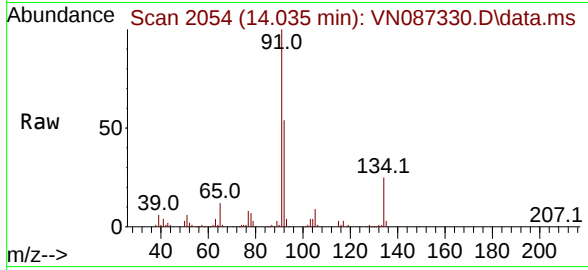




#89
n-Butylbenzene
Concen: 20.516 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

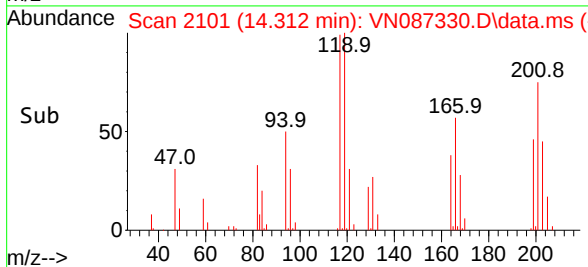
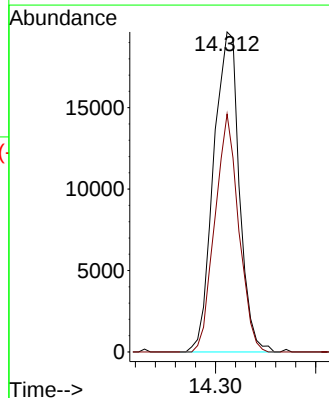
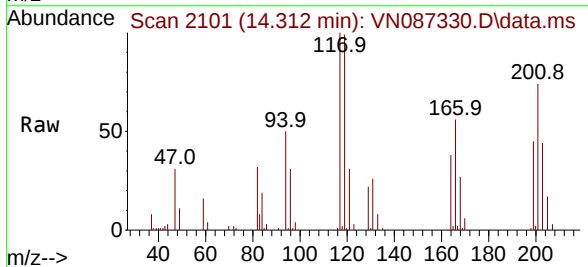
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

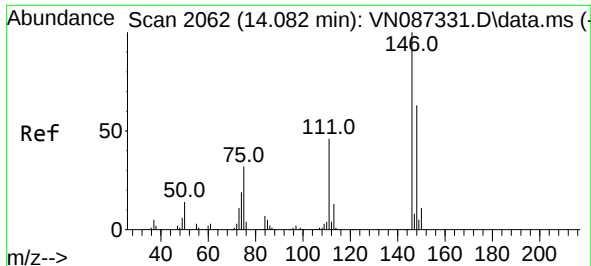
Tgt Ion: 91 Resp: 165484
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.6
134 24.5 12.4 37.2



#90
Hexachloroethane
Concen: 19.615 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 117 Resp: 35108
Ion Ratio Lower Upper
117 100
201 68.6 32.8 98.4

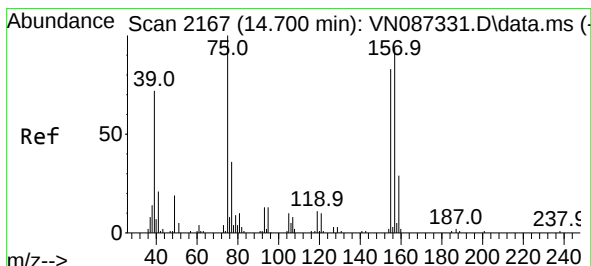
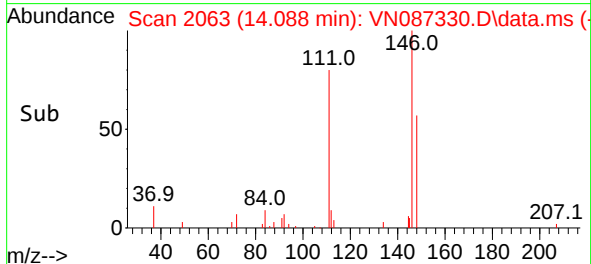
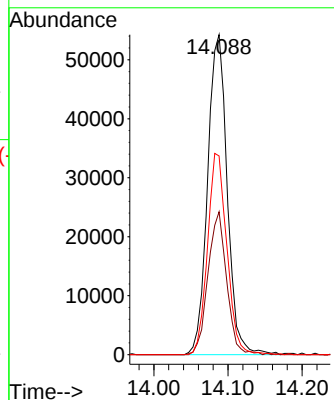
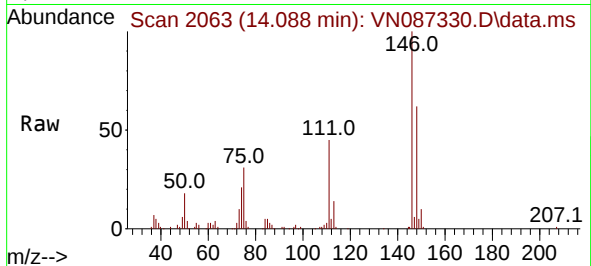




#91
 1,2-Dichlorobenzene
 Concen: 21.036 ug/l
 RT: 14.088 min Scan# 2063
 Delta R.T. 0.006 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

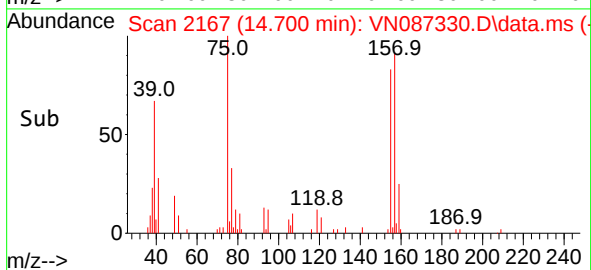
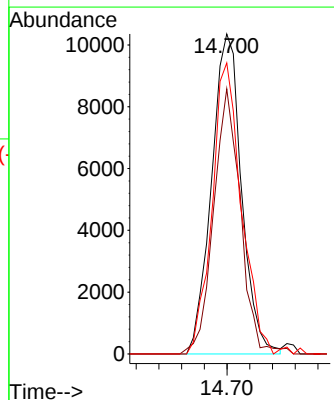
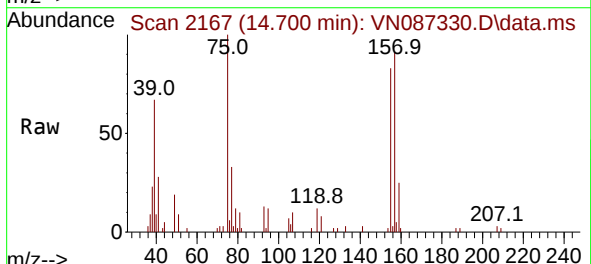
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

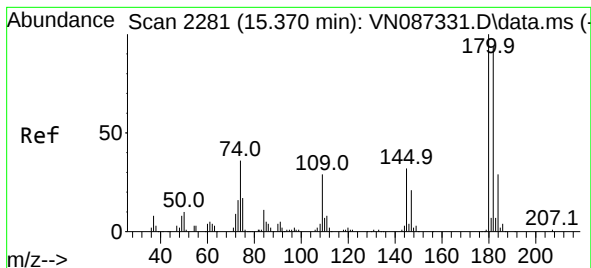
Tgt Ion:146 Resp: 99750
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 62.0 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.573 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087330.D
 Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 19015
 Ion Ratio Lower Upper
 75 100
 155 74.2 37.3 111.8
 157 89.0 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 19.643 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

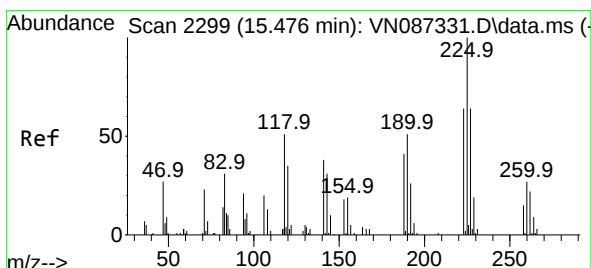
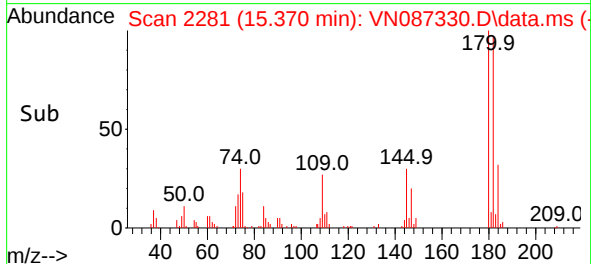
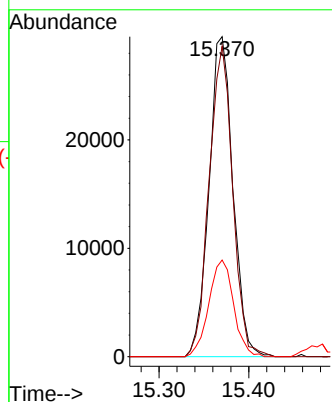
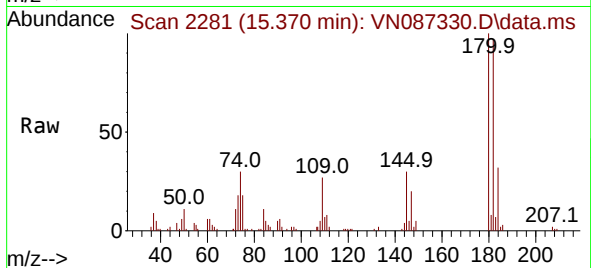
Tgt Ion:180 Resp: 54714

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 31.3 15.4 46.4



#94

Hexachlorobutadiene

Concen: 19.563 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

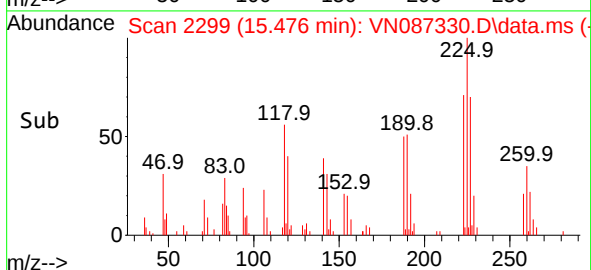
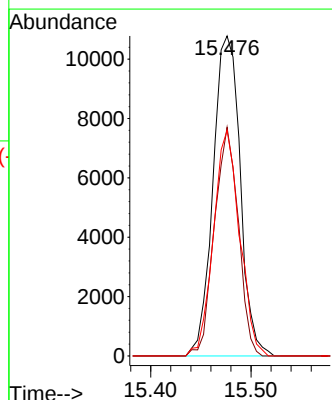
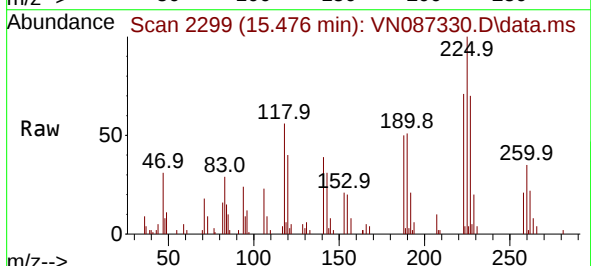
Tgt Ion:225 Resp: 20248

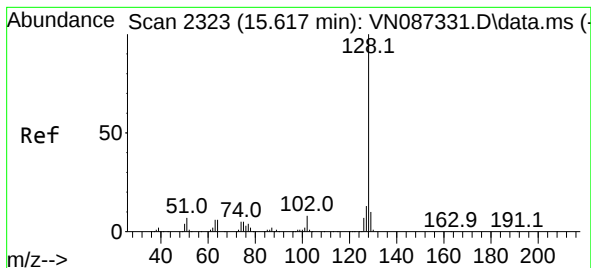
Ion Ratio Lower Upper

225 100

223 62.9 32.1 96.3

227 68.0 31.3 93.9





#95

Naphthalene

Concen: 19.718 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

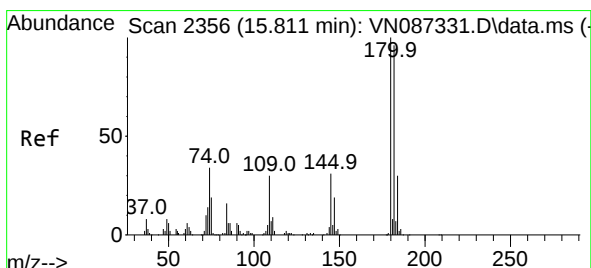
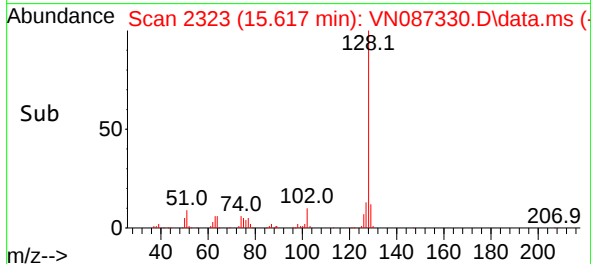
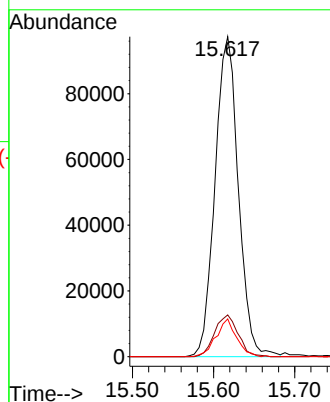
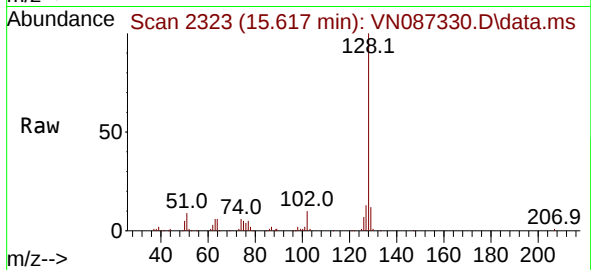
Tgt Ion:128 Resp: 194574

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.5 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.850 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087330.D

Acq: 16 Jul 2025 17:49

Tgt Ion:180 Resp: 55463

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.4

145 34.8 16.9 50.6

