

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087419.D
 Acq On : 28 Jul 2025 09:06
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 13:23:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	111157	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	632580	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	558264	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	250257	29.442	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.133%
60) 4-Bromofluorobenzene	12.829	95	270016	29.454	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.167%
63) Toluene-d8	10.547	98	763779	29.791	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	27662	4.265	ug/l	98
3) Chloromethane	2.383	50	33177	4.819	ug/l	98
4) Vinyl Chloride	2.542	62	34614	4.969	ug/l	98
5) Bromomethane	2.983	94	16578	4.881	ug/l	94
6) Chloroethane	3.136	64	19448	4.950	ug/l	97
7) Trichlorofluoromethane	3.512	101	42333	4.831	ug/l	99
8) Diethyl Ether	3.965	74	18452	5.045	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	24197	5.062	ug/l	64
10) 1,1-Dichloroethene	4.336	96	21489	4.519	ug/l	86
12) Methyl Acetate	5.012	43	47978	4.627	ug/l	99
13) Acrolein	4.124	56	1338	1.582	ug/l	100
14) Acrylonitrile	5.712	53	105735	23.518	ug/l	96
15) Acetone	4.424	58	29546	28.354	ug/l	93
16) Carbon Disulfide	4.700	76	86888	5.141	ug/l	96
17) Allyl chloride	5.012	41	51046	4.607	ug/l	92
18) Methylene Chloride	5.253	84	15852	2.214	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	22295	3.300	ug/l	94
20) Diisopropyl ether	6.653	45	112587	4.466	ug/l	95
21) 1,1-Dichloroethane	6.547	63	62412	4.885	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	41097	5.005	ug/l	98
23) tert-Butyl Alcohol	5.524	59	30012	17.222	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	110119	4.667	ug/l	98
25) Chloroform	7.947	83	62140	4.817	ug/l	100
26) Cyclohexane	8.241	56	60612	5.136	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	44005	4.900	ug/l	95
30) 2-Butanone	7.471	43	156277	24.020	ug/l #	96
31) 2,2-Dichloropropane	7.477	77	55420	4.953	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	52285	4.844	ug/l	98
33) Carbon Tetrachloride	8.341	117	42422	4.766	ug/l	95
34) Benzene	8.588	78	142708	4.859	ug/l #	88
35) Methacrylonitrile	7.771	41	36058	4.838	ug/l	92
36) 1,2-Dichloroethane	8.653	62	46622	4.770	ug/l #	91
37) Trichloroethene	9.335	130	33934	5.061	ug/l	99
38) Methylcyclohexane	9.583	83	60463	5.220	ug/l	98
39) 1,2-Dichloropropane	9.600	63	35882	4.853	ug/l	91
40) Dibromomethane	9.688	93	26662	5.083	ug/l	74
41) Bromodichloromethane	9.871	83	51054	4.836	ug/l #	90
42) Vinyl Acetate	6.589	43	539799	24.654	ug/l	100
43) Ethyl Acetate	7.547	43	59963	4.496	ug/l #	57

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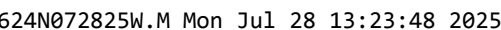
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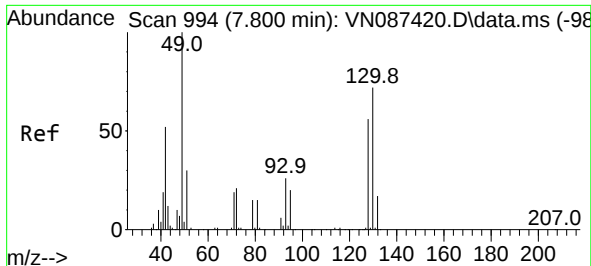
Quant Time: Jul 28 13:23:40 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.671	43	98859	4.640	ug/l	99
45) 1,4-Dioxane	9.682	88	13370	98.894	ug/l #	94
46) Methyl methacrylate	9.665	41	45109	4.547	ug/l	96
47) n-amyl Acetate	12.682	43	10693	1.217	ug/l	92
48) t-1,3-Dichloropropene	10.818	75	55578	4.676	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	60505	4.847	ug/l	96
50) 1,1,2-Trichloroethane	11.000	97	33604	4.813	ug/l	91
51) Ethyl methacrylate	10.859	69	54649	4.322	ug/l	88
52) 1,3-Dichloropropane	11.147	76	57620	4.775	ug/l	100
53) Dibromochloromethane	11.341	129	37647	4.701	ug/l	96
54) 1,2-Dibromoethane	11.447	107	35135	4.782	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	164801	31.699	ug/l	99
56) Bromoform	12.565	173	26052	4.635	ug/l	99
58) 4-Methyl-2-Pentanone	10.430	43	298702	23.754	ug/l	99
59) 2-Hexanone	11.182	43	185403	21.276	ug/l	99
61) Tetrachloroethene	11.088	164	26530	5.005	ug/l	88
62) Toluene	10.612	91	155772	4.944	ug/l	98
64) Chlorobenzene	11.871	112	96389	4.975	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	31396	4.779	ug/l	94
66) Ethyl Benzene	11.941	91	165328	4.803	ug/l	97
67) m/p-Xylenes	12.053	106	127883	9.915	ug/l	99
68) o-Xylene	12.376	106	60554	4.798	ug/l	93
69) Styrene	12.394	104	101722	4.712	ug/l	98
70) Isopropylbenzene	12.676	105	155707	4.804	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	54103	4.895	ug/l	95
72) 1,2,3-Trichloropropane	12.971	75	68319	6.795	ug/l	73
73) Bromobenzene	12.959	156	37530	4.983	ug/l	94
74) n-propylbenzene	13.012	91	193226	4.828	ug/l	100
75) 2-Chlorotoluene	13.106	91	115299	4.855	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	129179	4.811	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	17137	4.017	ug/l	85
78) 4-Chlorotoluene	13.206	91	118459	4.857	ug/l	97
79) tert-butylbenzene	13.418	119	112446	4.847	ug/l	98
80) 1,2,4-Trimethylbenzene	13.465	105	129913	4.876	ug/l	97
81) sec-Butylbenzene	13.594	105	168636	4.894	ug/l	96
82) p-Isopropyltoluene	13.706	119	138314	4.945	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	69907	4.905	ug/l	97
84) 1,4-Dichlorobenzene	13.794	146	74654	5.009	ug/l	97
85) n-Butylbenzene	14.035	91	139856	4.965	ug/l	99
86) Hexachloroethane	14.312	117	27185	4.786	ug/l	93
87) 1,2-Dichlorobenzene	14.088	146	65516	4.729	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	13709	5.374	ug/l	86
89) 1,2,4-Trichlorobenzene	15.817	180	40939	4.845	ug/l	99
90) Hexachlorobutadiene	15.476	225	16528	5.137	ug/l	95
91) Naphthalene	15.617	128	151552	4.745	ug/l	100
92) 1,2,3-Trichlorobenzene	15.817	180	40939	4.845	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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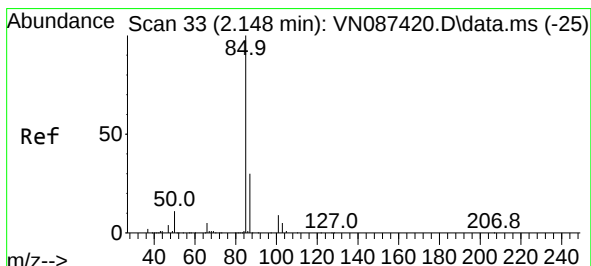
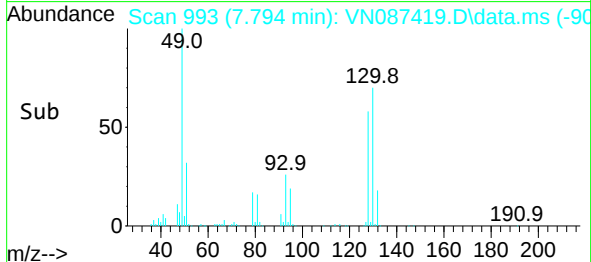
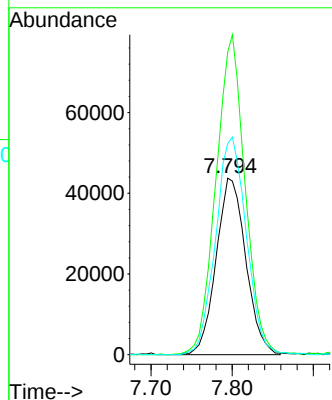
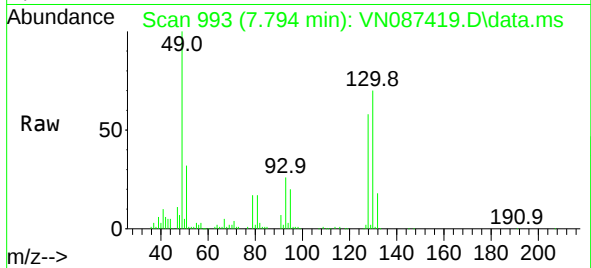




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

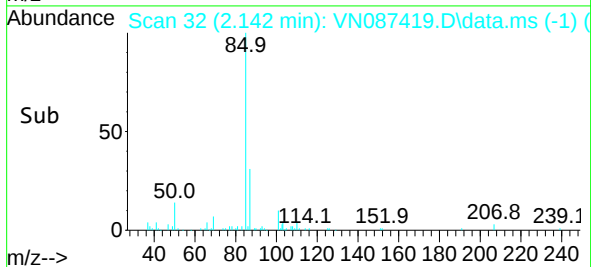
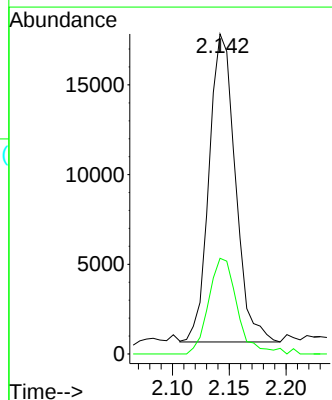
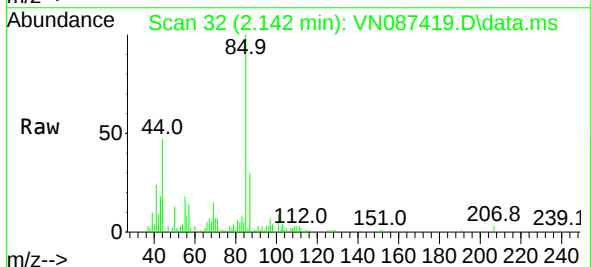
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MSVOA_N
ClientSampleId :

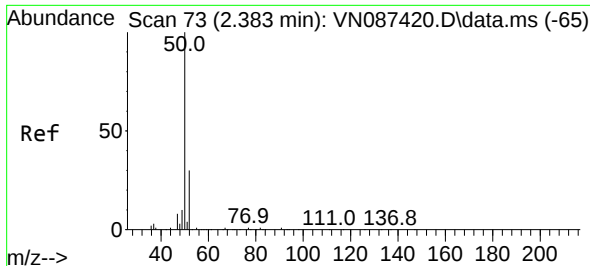
Tgt Ion:128 Resp: 111157
Ion Ratio Lower Upper
128 100
49 177.4 0.0 457.3
130 127.6 0.0 316.0



#2
Dichlorodifluoromethane
Concen: 4.265 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 85 Resp: 27662
Ion Ratio Lower Upper
85 100
87 31.1 15.0 45.1

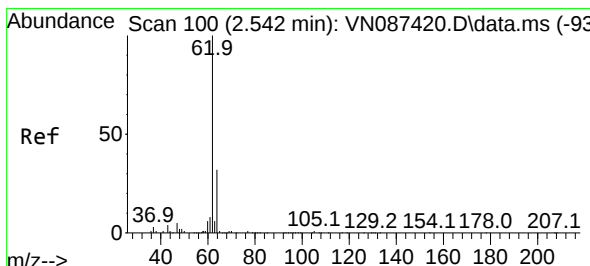
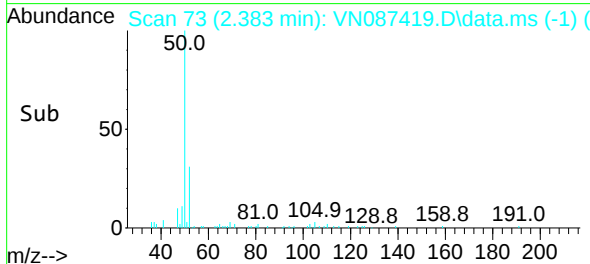
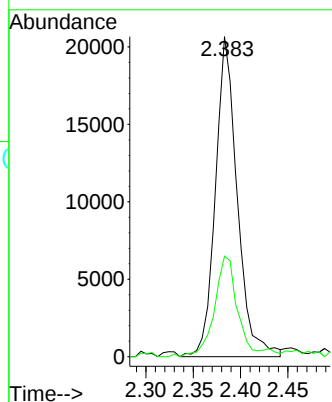
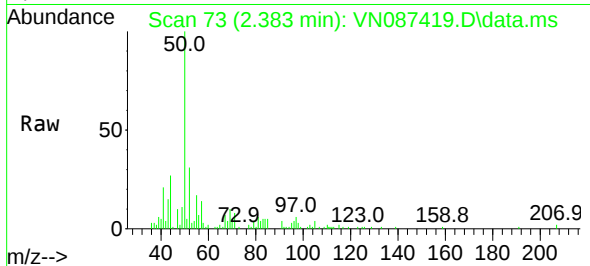




#3
Chloromethane
Concen: 4.819 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

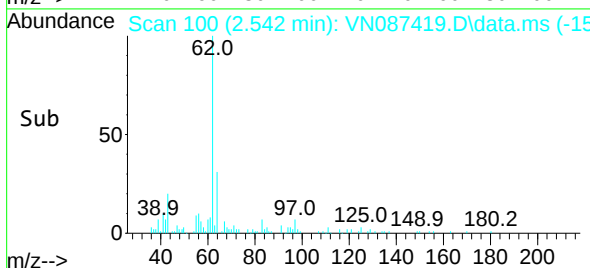
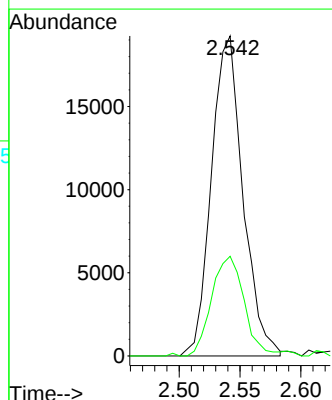
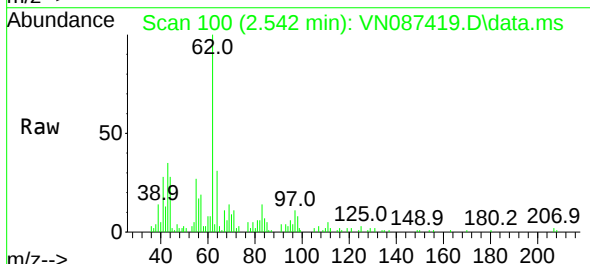
Instrument :
MSVOA_N
ClientSampleId :

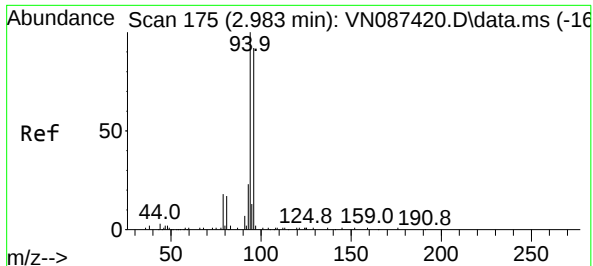
Tgt Ion: 50 Resp: 33177
Ion Ratio Lower Upper
50 100
52 31.4 24.3 36.5



#4
Vinyl Chloride
Concen: 4.969 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 62 Resp: 34614
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4

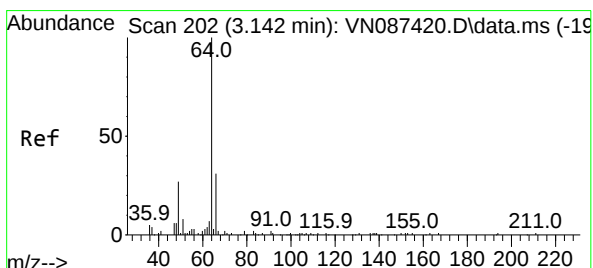
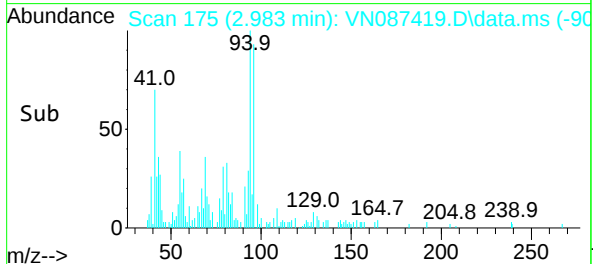
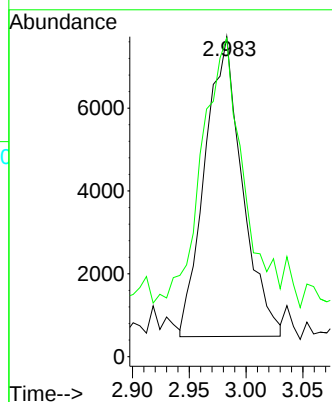
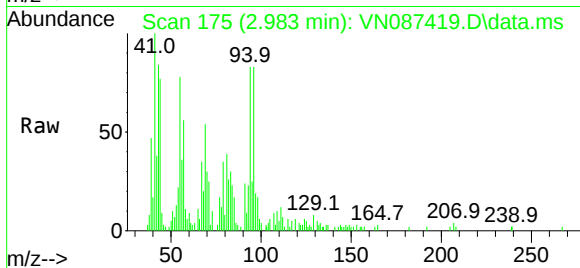




#5
Bromomethane
Concen: 4.881 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

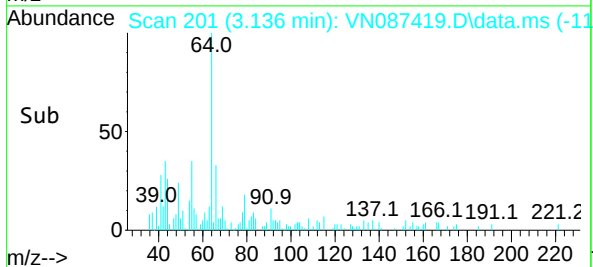
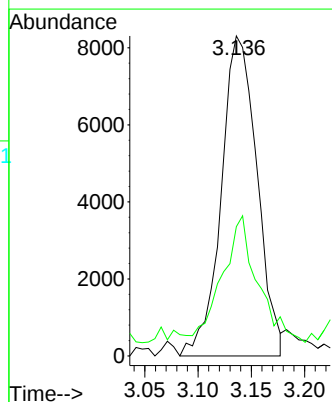
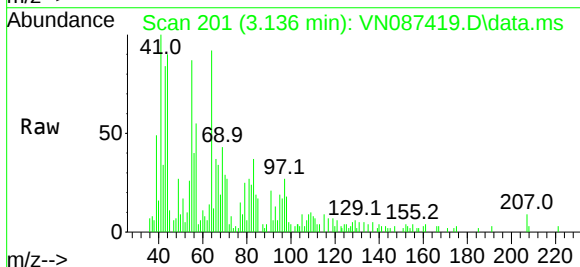
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MSVOA_N
ClientSampleId :

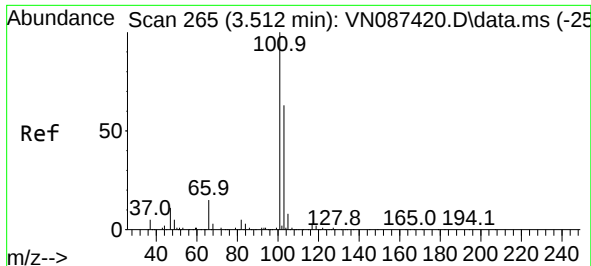
Tgt Ion: 94 Resp: 16578
Ion Ratio Lower Upper
94 100
96 85.4 73.2 109.8



#6
Chloroethane
Concen: 4.950 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 64 Resp: 19448
Ion Ratio Lower Upper
64 100
66 33.7 25.6 38.4

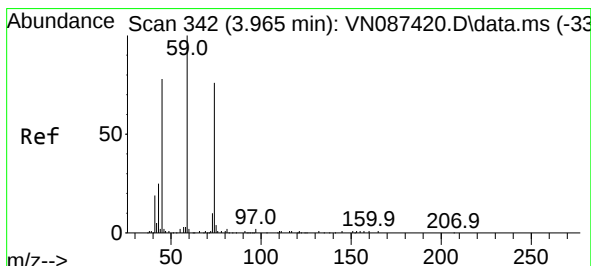
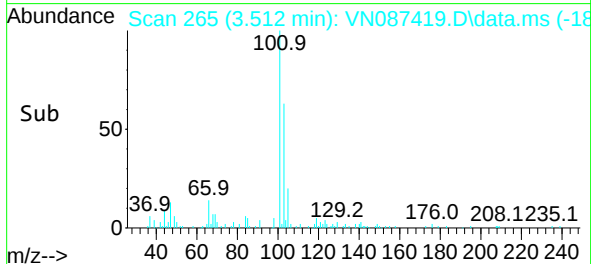
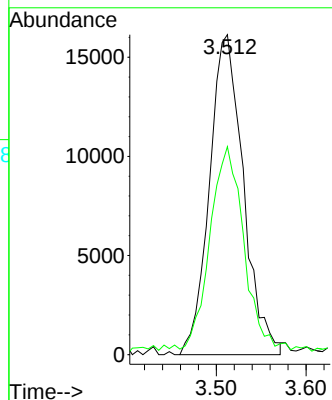
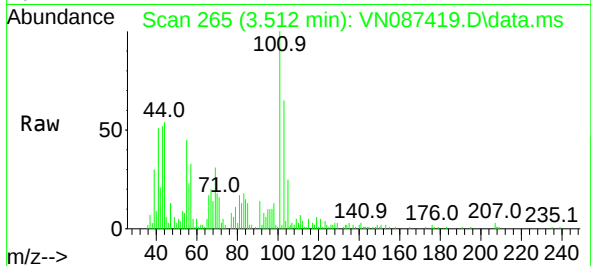




#7
 Trichlorofluoromethane
 Concen: 4.831 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

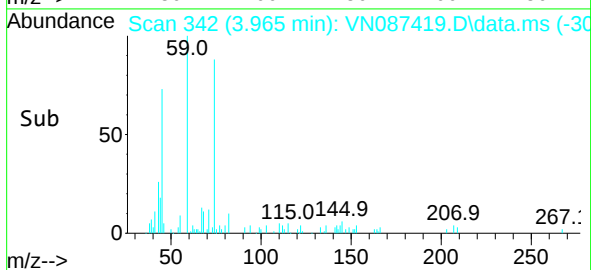
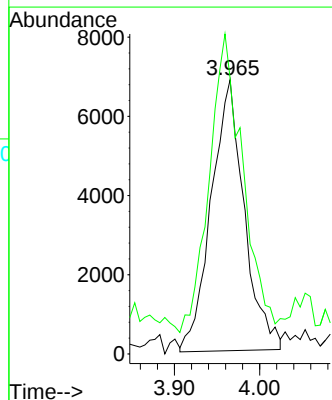
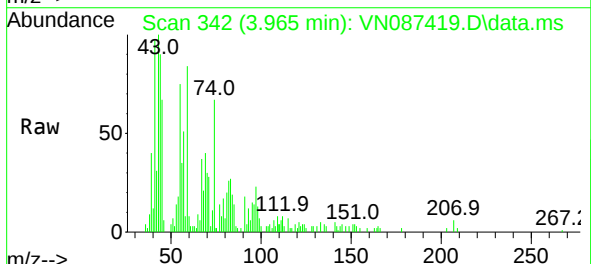
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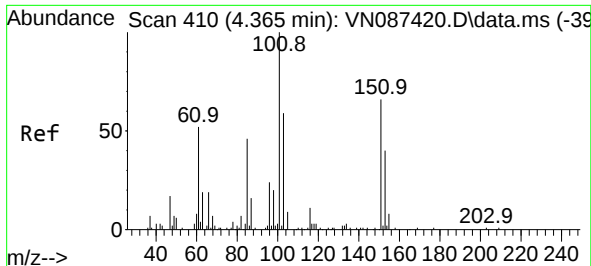
Tgt Ion:101 Resp: 42333
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.0 75.0



#8
 Diethyl Ether
 Concen: 5.045 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

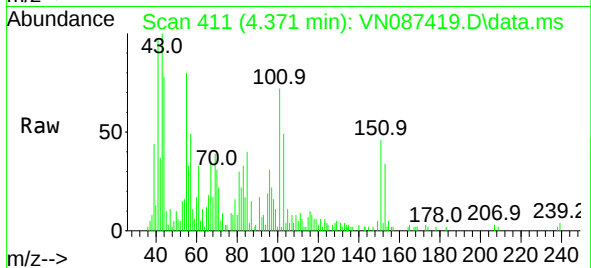
Tgt Ion: 74 Resp: 18452
 Ion Ratio Lower Upper
 74 100
 45 111.0 20.2 181.4



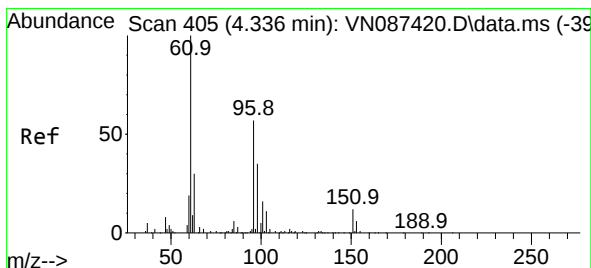
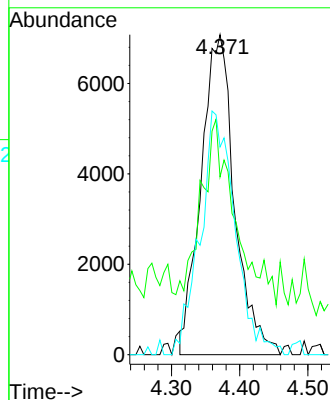
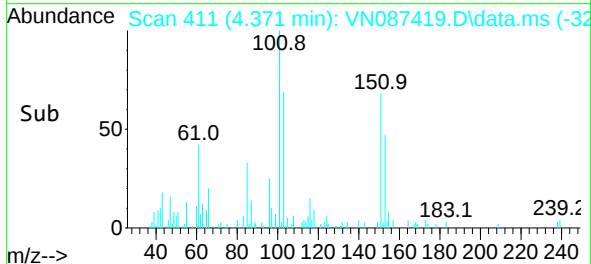


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.062 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :

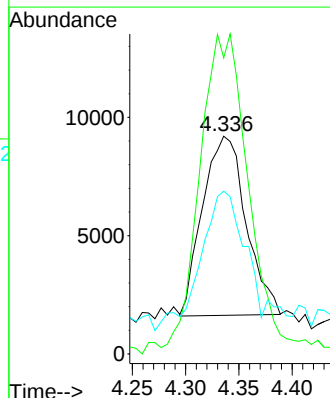
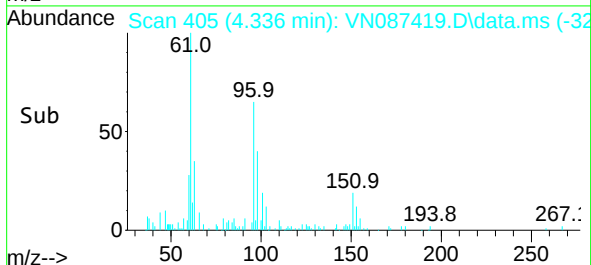
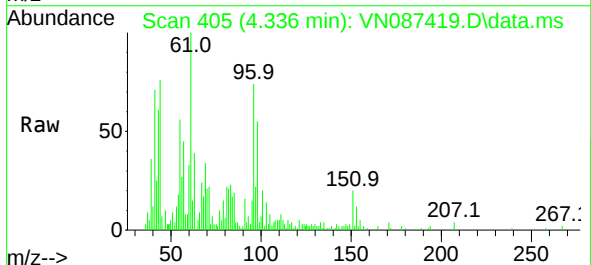


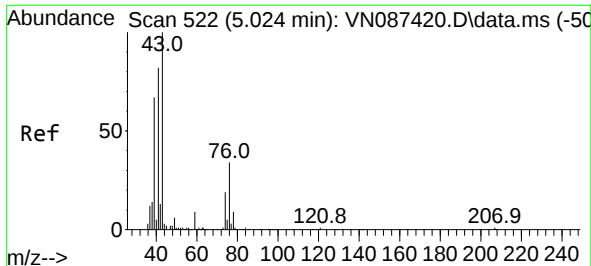
Tgt Ion:101 Resp: 24197
Ion Ratio Lower Upper
101 100
85 4.8 0.0 101.2
151 58.8 0.0 140.6



#10
1,1-Dichloroethene
Concen: 4.519 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

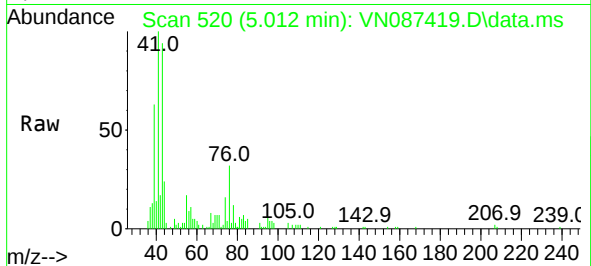
Tgt Ion: 96 Resp: 21489
Ion Ratio Lower Upper
96 100
61 155.3 140.4 210.6
98 70.5 49.6 74.4



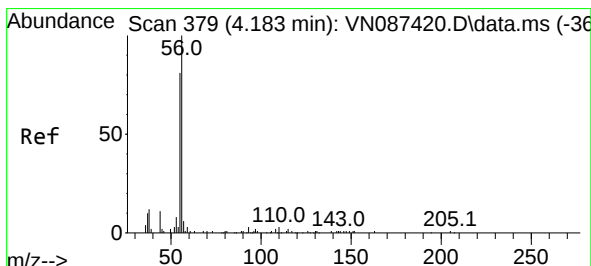
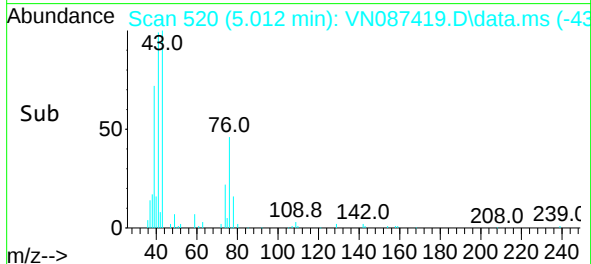
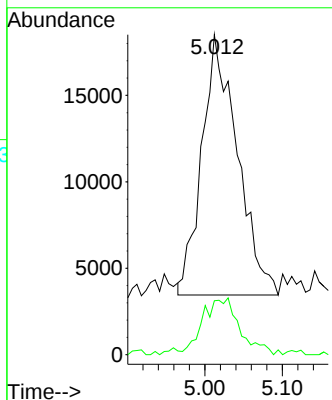


#12
Methyl Acetate
Concen: 4.627 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :

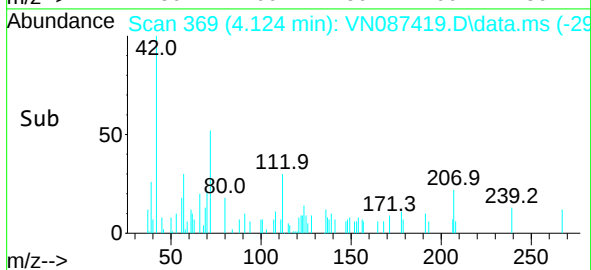
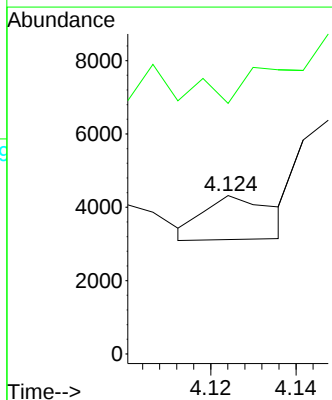
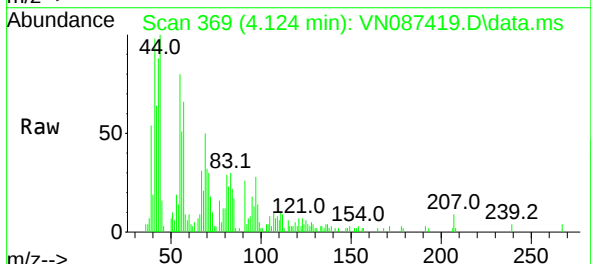


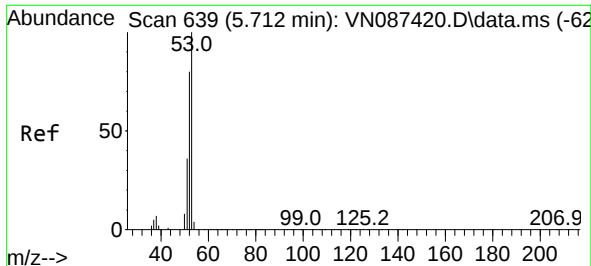
Tgt Ion: 43 Resp: 47978
Ion Ratio Lower Upper
43 100
74 19.5 15.4 23.0



#13
Acrolein
Concen: 1.582 ug/l
RT: 4.124 min Scan# 369
Delta R.T. -0.059 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

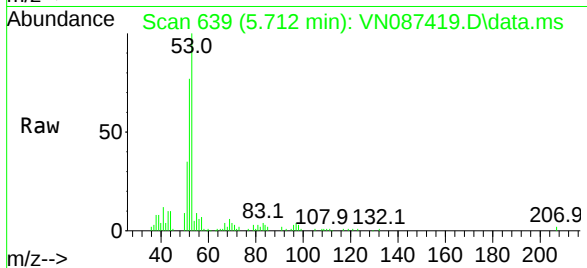
Tgt Ion: 56 Resp: 1338
Ion Ratio Lower Upper
56 100
55 73.7 58.9 88.3



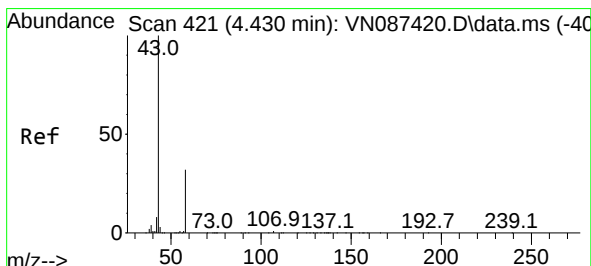
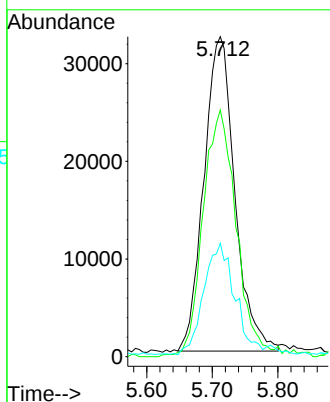
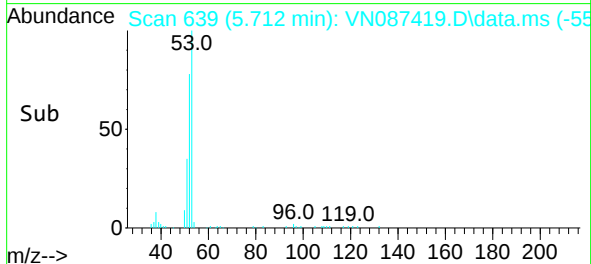


#14
Acrylonitrile
Concen: 23.518 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

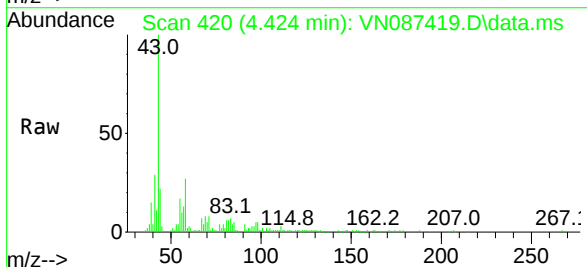
Instrument :
MSVOA_N
ClientSampleId :



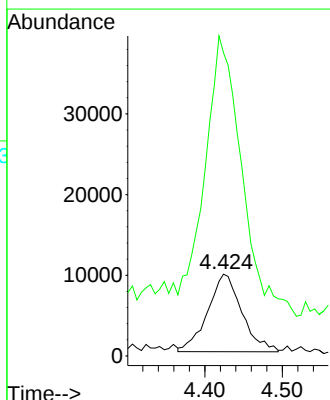
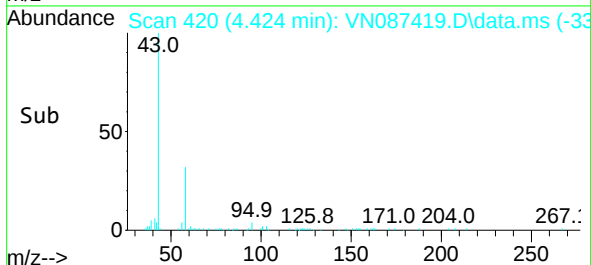
Tgt Ion: 53 Resp: 105735
Ion Ratio Lower Upper
53 100
52 81.7 41.6 124.9
51 30.8 18.1 54.4

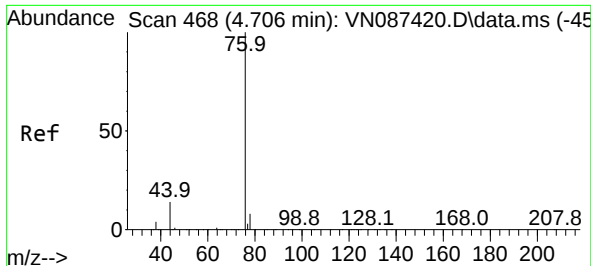


#15
Acetone
Concen: 28.354 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06



Tgt Ion: 58 Resp: 29546
Ion Ratio Lower Upper
58 100
43 323.7 248.4 372.6

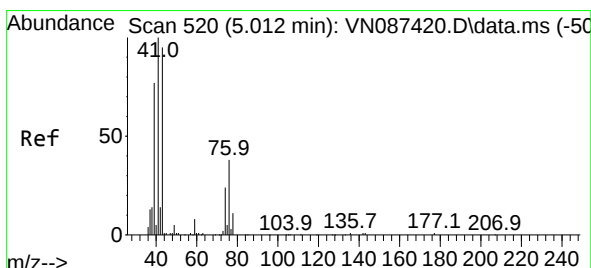
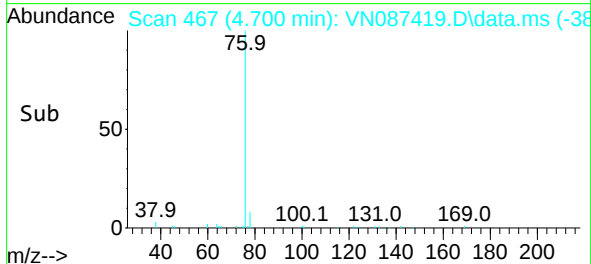
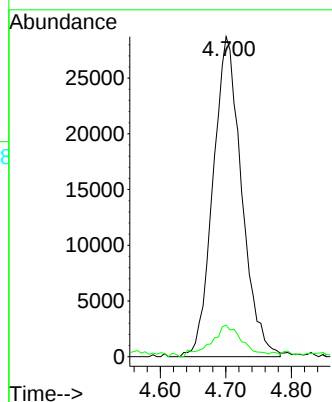
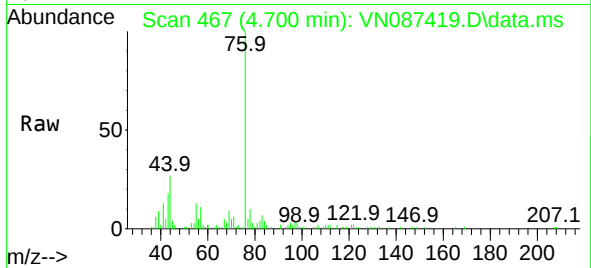




#16
Carbon Disulfide
Concen: 5.141 ug/l
RT: 4.700 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

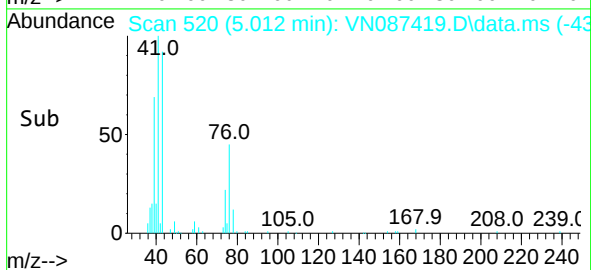
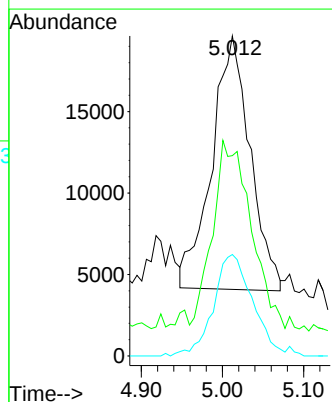
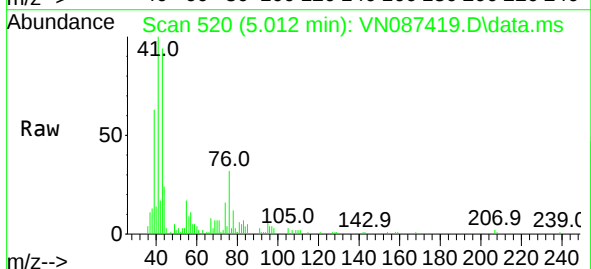
Instrument :
MSVOA_N
ClientSampleId :

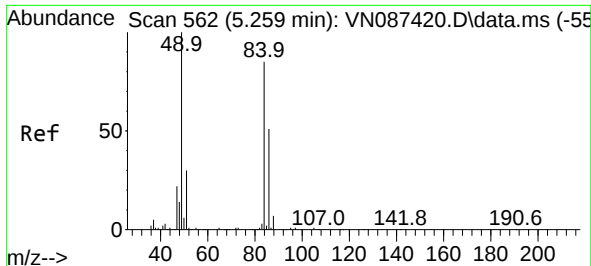
Tgt Ion: 76 Resp: 86888
Ion Ratio Lower Upper
76 100
78 9.9 6.6 10.0



#17
Allyl chloride
Concen: 4.607 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

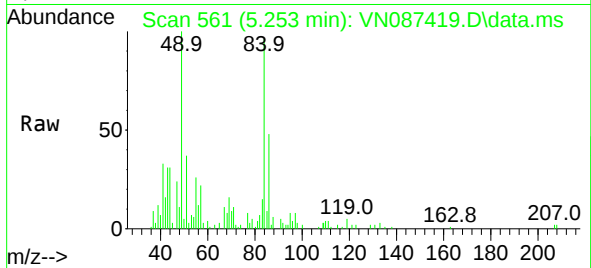
Tgt Ion: 41 Resp: 51046
Ion Ratio Lower Upper
41 100
39 65.3 35.9 107.8
76 39.7 17.5 52.5





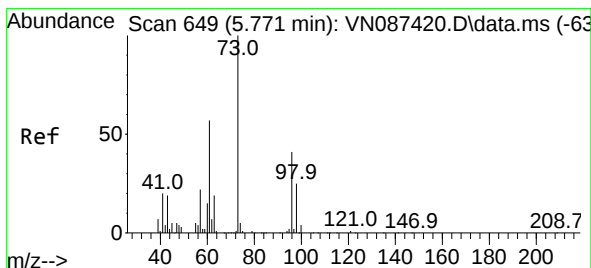
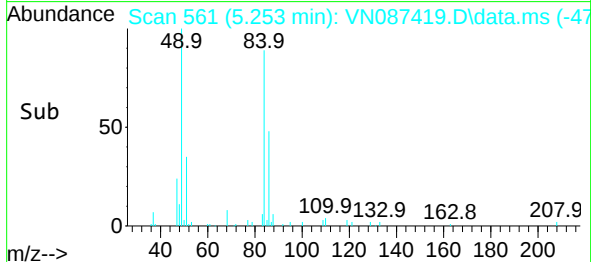
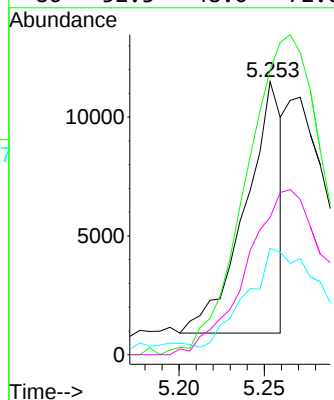
#18
Methylene Chloride
Concen: 2.214 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 15852

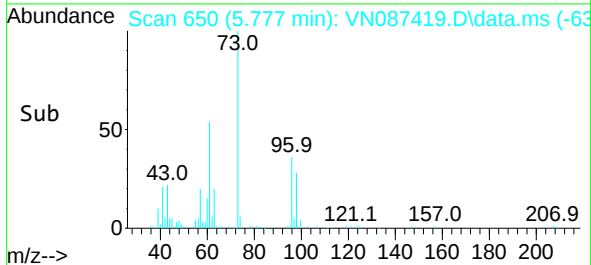
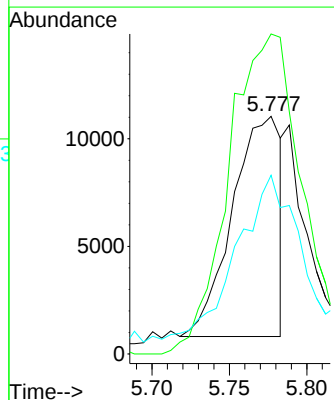
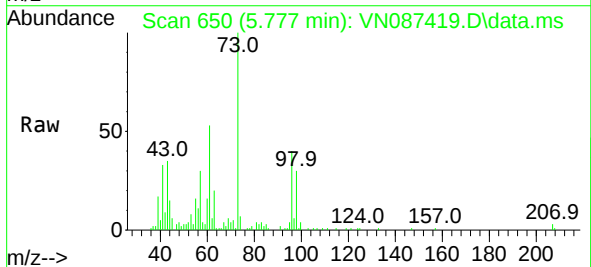
Ion	Ratio	Lower	Upper
84	100		
49	110.2	93.5	140.3
51	37.9	28.0	42.0
86	52.3	48.0	72.0

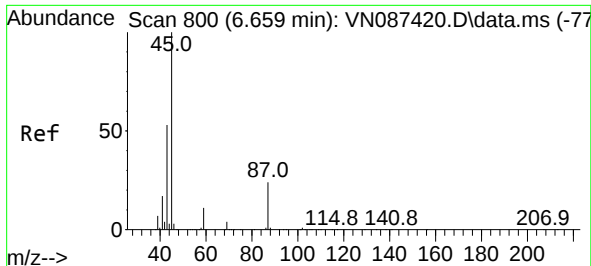


#19
trans-1,2-Dichloroethene
Concen: 3.300 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 96 Resp: 22295

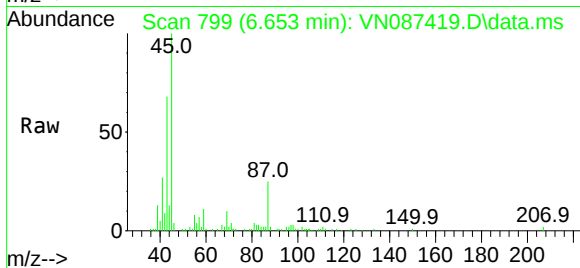
Ion	Ratio	Lower	Upper
96	100		
61	139.9	110.2	165.4
98	71.8	47.9	71.9



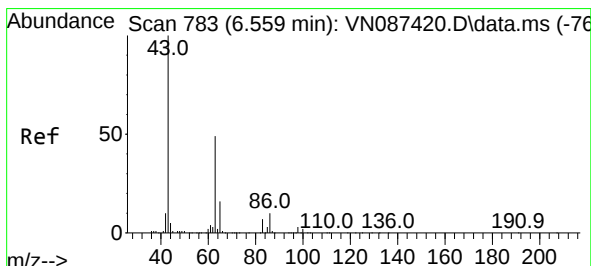
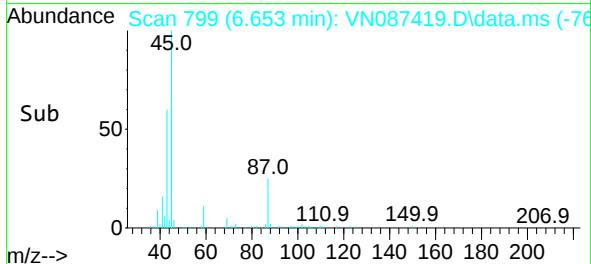
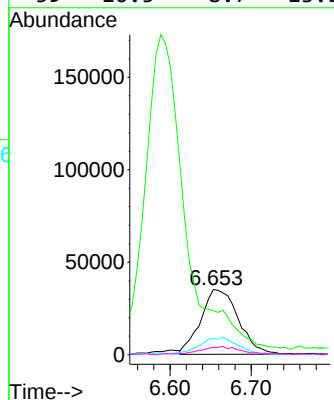


#20
Diisopropyl ether
Concen: 4.466 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :

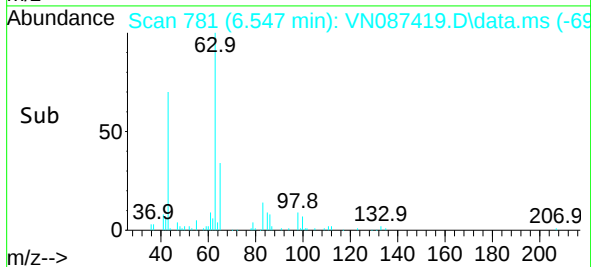
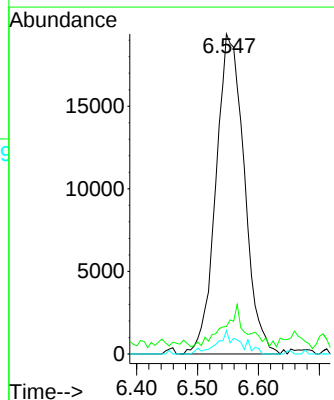
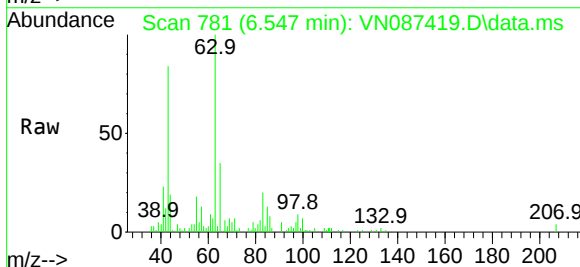


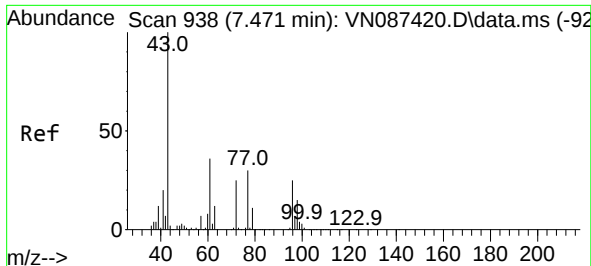
Tgt Ion:	45	Resp:	112587
Ion Ratio	100	Lower	Upper
43	58.3	42.7	64.1
87	24.9	19.4	29.0
59	10.5	8.7	13.1



#21
1,1-Dichloroethane
Concen: 4.885 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.012 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion:	63	Resp:	62412
Ion Ratio	100	Lower	Upper
98	5.5	3.4	10.1
100	7.3	2.5	7.4

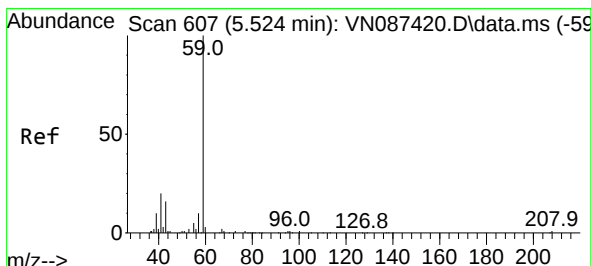
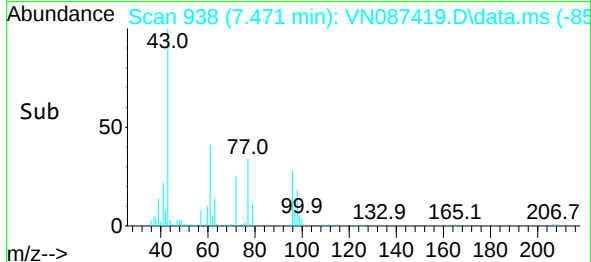
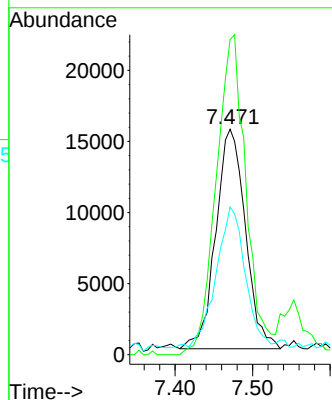
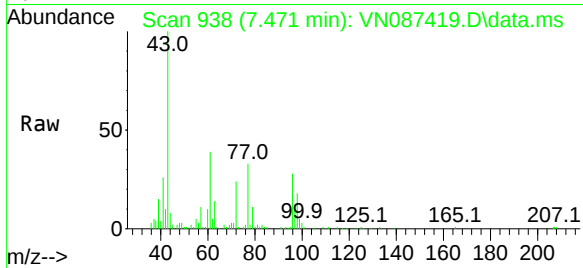




#22
 cis-1,2-Dichloroethene
 Concen: 5.005 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

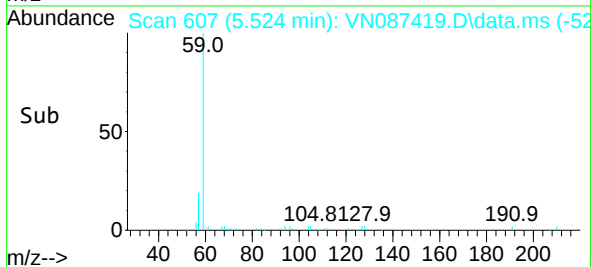
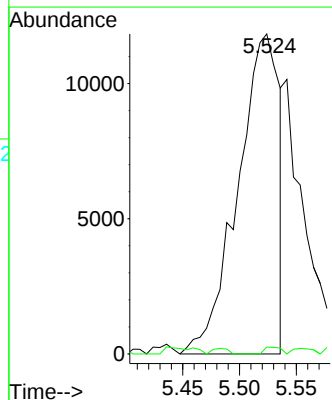
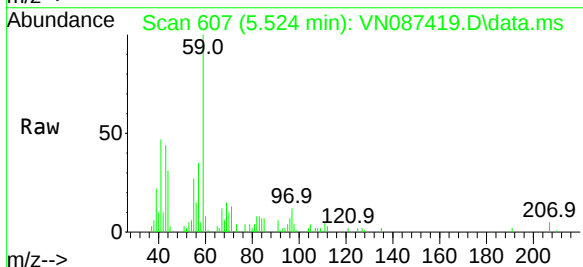
Instrument :
 MSVOA_N
 ClientSampleId :

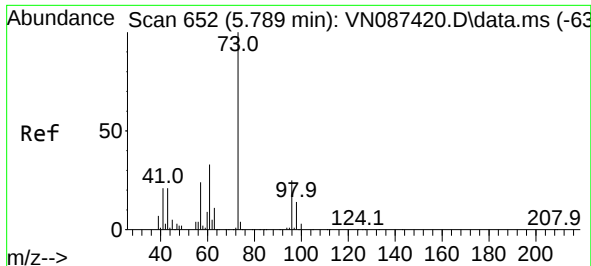
Tgt Ion: 96 Resp: 41097
 Ion Ratio Lower Upper
 96 100
 61 146.8 118.8 178.2
 98 62.7 51.5 77.3



#23
 tert-Butyl Alcohol
 Concen: 17.222 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

Tgt Ion: 59 Resp: 30012
 Ion Ratio Lower Upper
 59 100
 52 0.8 0.2 0.2#

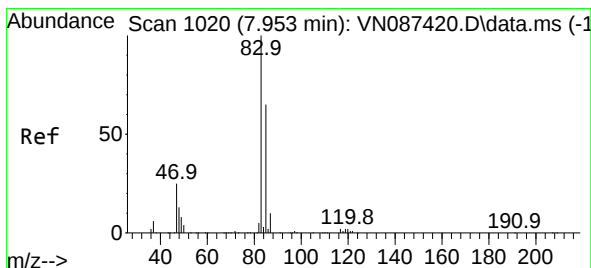
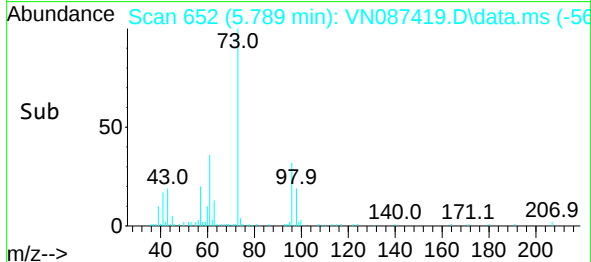
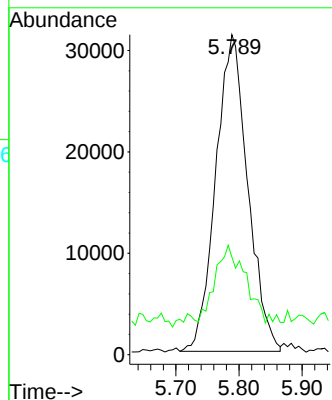
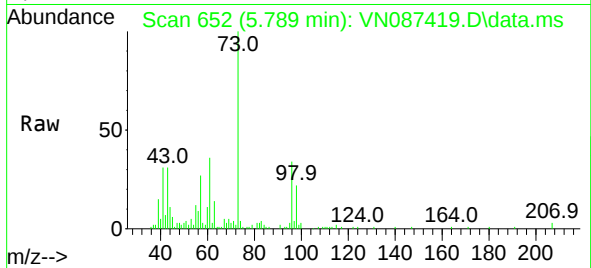




#24
Methyl tert-Butyl Ether
Concen: 4.667 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

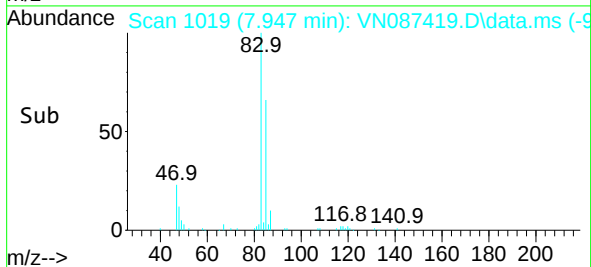
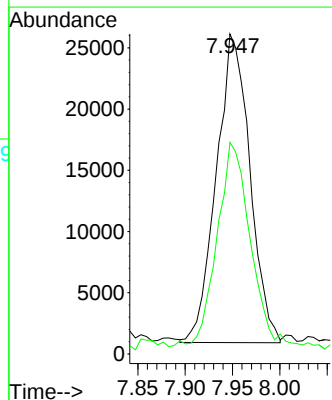
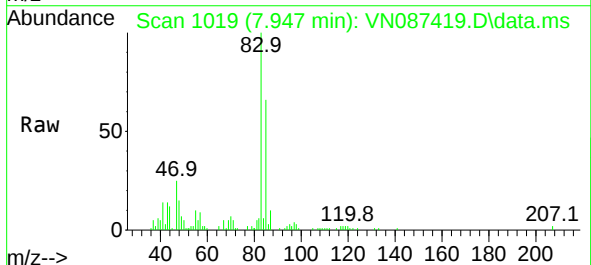
Instrument :
MSVOA_N
ClientSampleId :

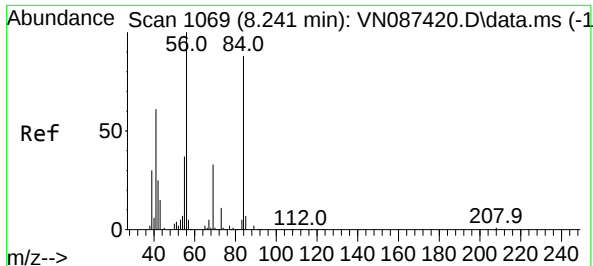
Tgt Ion: 73 Resp: 110119
Ion Ratio Lower Upper
73 100
43 20.2 17.1 25.7



#25
Chloroform
Concen: 4.817 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

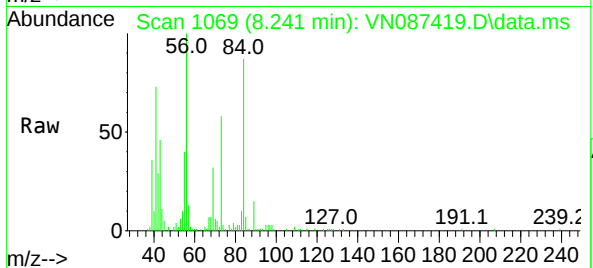
Tgt Ion: 83 Resp: 62140
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0



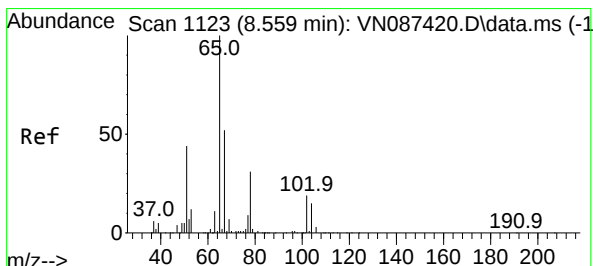
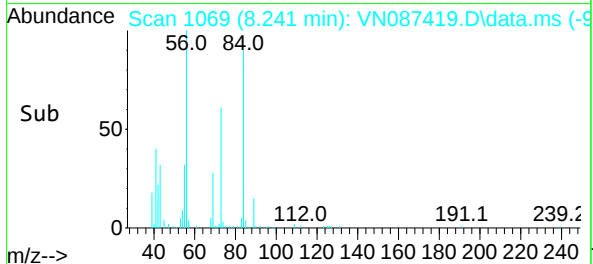
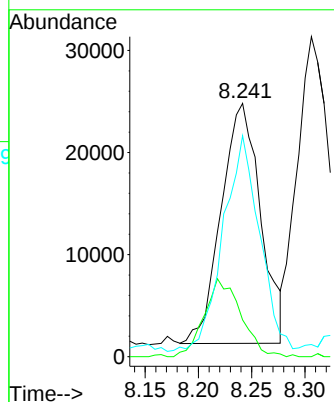


#26
Cyclohexane
Concen: 5.136 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :

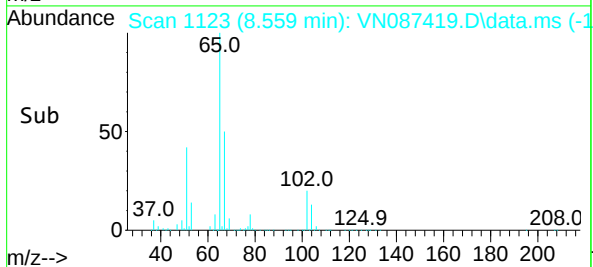
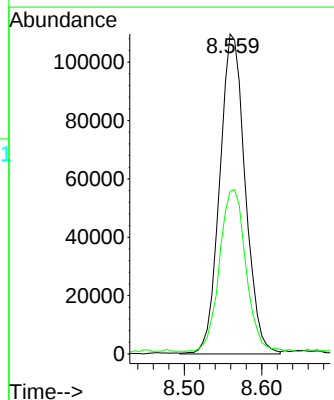
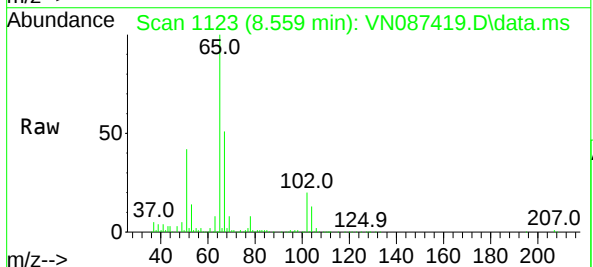


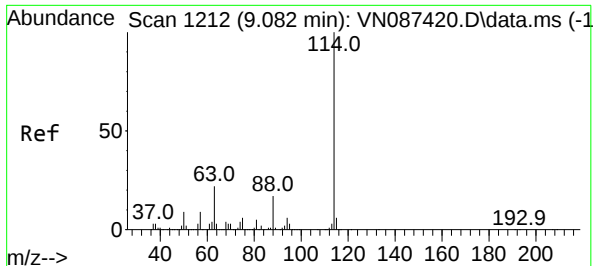
Tgt Ion: 56 Resp: 60612
Ion Ratio Lower Upper
56 100
89 29.6 4.7 7.1#
84 83.3 67.4 101.2



#27
1,2-Dichloroethane-d4
Concen: 29.442 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 65 Resp: 250257
Ion Ratio Lower Upper
65 100
67 52.2 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

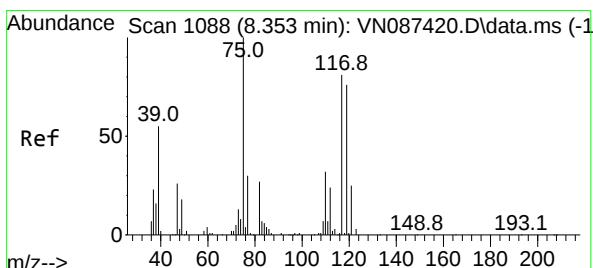
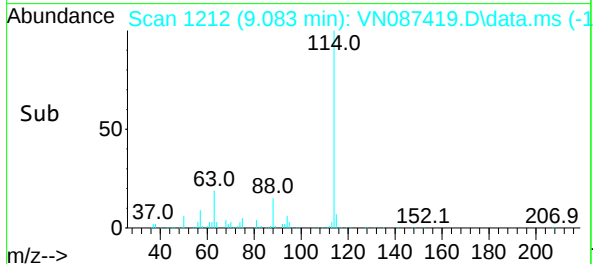
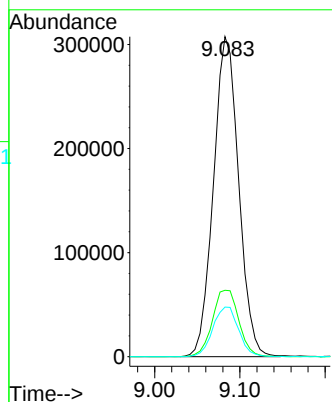
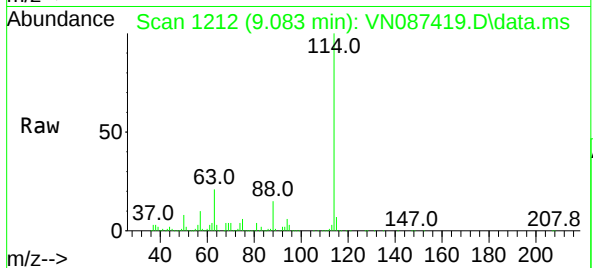
Tgt Ion:114 Resp: 632580

Ion Ratio Lower Upper

114 100

63 21.8 17.8 26.6

88 15.9 13.0 19.4



#29

1,1-Dichloropropene

Concen: 4.900 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

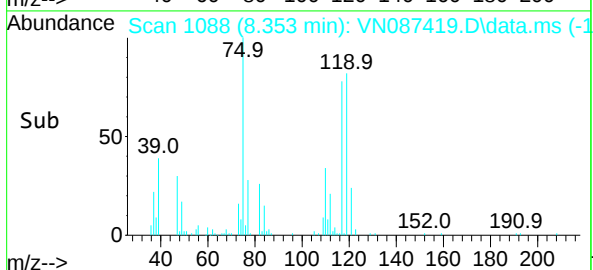
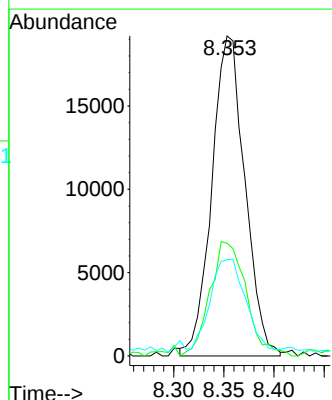
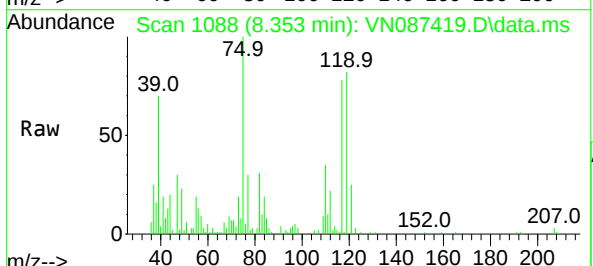
Tgt Ion: 75 Resp: 44005

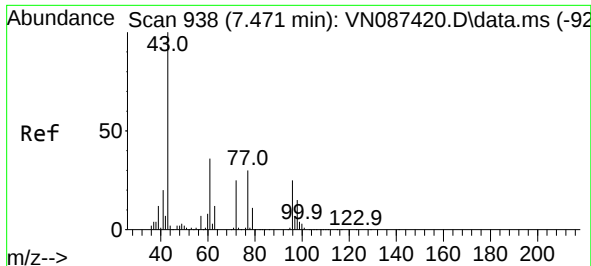
Ion Ratio Lower Upper

75 100

110 39.1 0.0 69.6

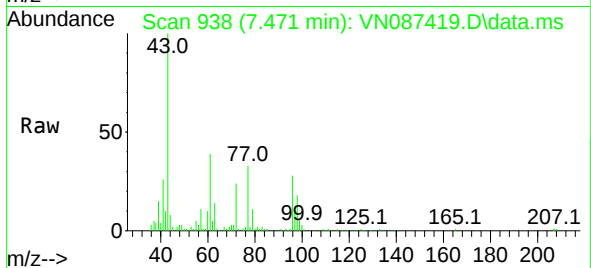
77 29.4 0.0 60.2



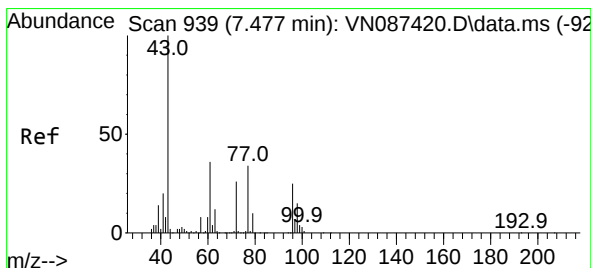
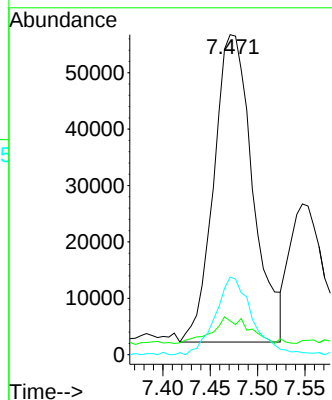
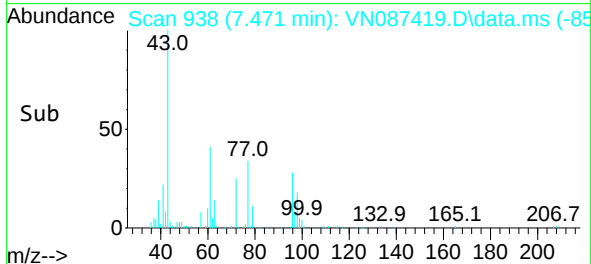


#30
2-Butanone
Concen: 24.020 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :

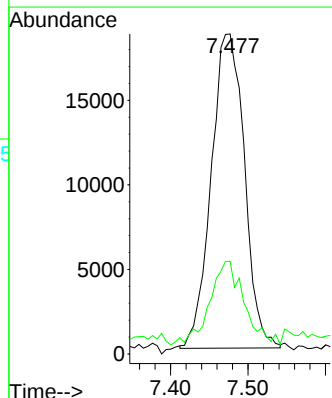
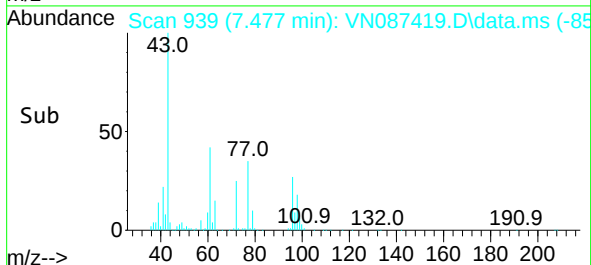
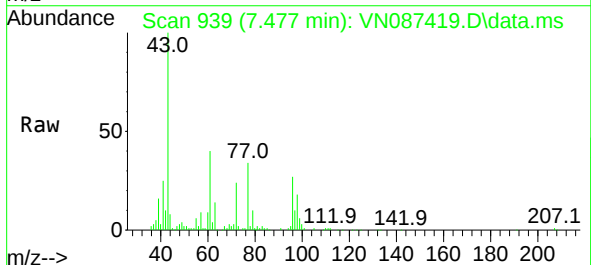


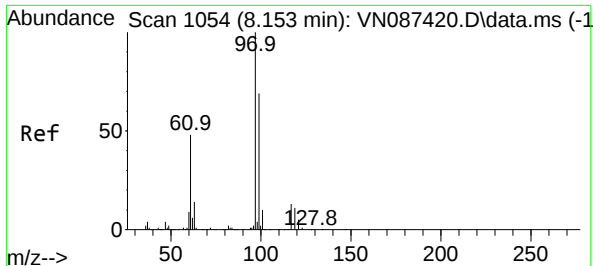
Tgt Ion: 43 Resp: 156277
Ion Ratio Lower Upper
43 100
57 5.1 6.0 9.0#
72 23.8 20.3 30.5



#31
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 77 Resp: 55420
Ion Ratio Lower Upper
77 100
97 23.0 19.1 28.7





#32

1,1,1-Trichloroethane

Concen: 4.844 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

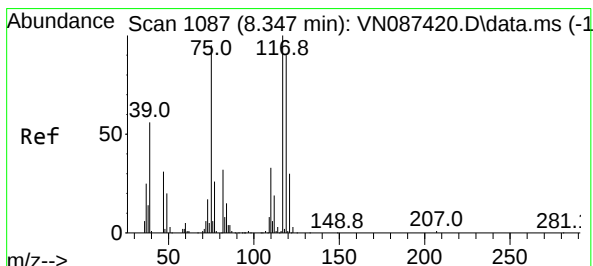
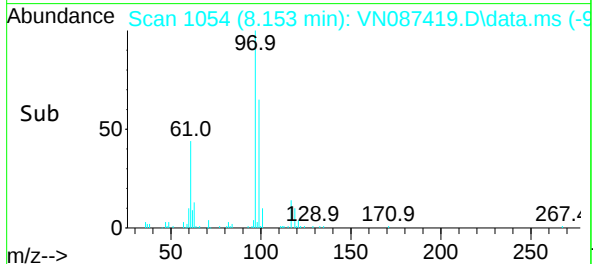
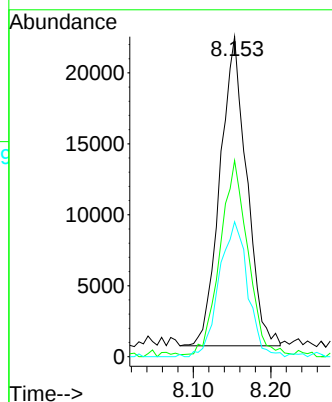
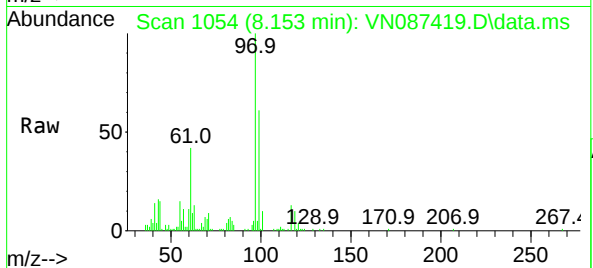
Tgt Ion: 97 Resp: 52285

Ion Ratio Lower Upper

97 100

99 67.0 52.1 78.1

61 46.3 36.3 54.5



#33

Carbon Tetrachloride

Concen: 4.766 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

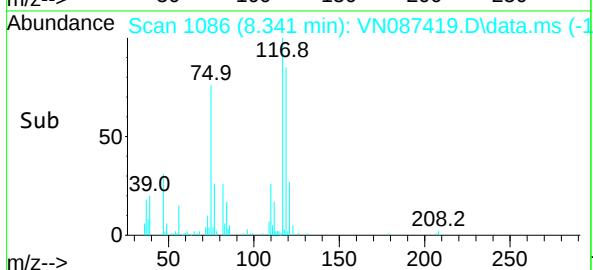
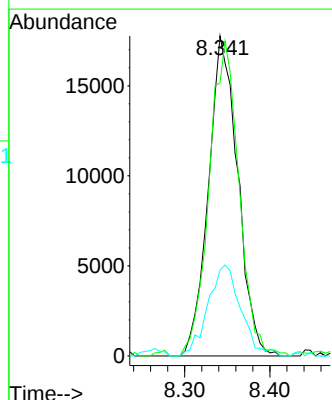
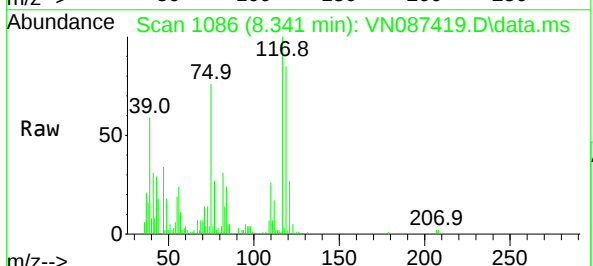
Tgt Ion: 117 Resp: 42422

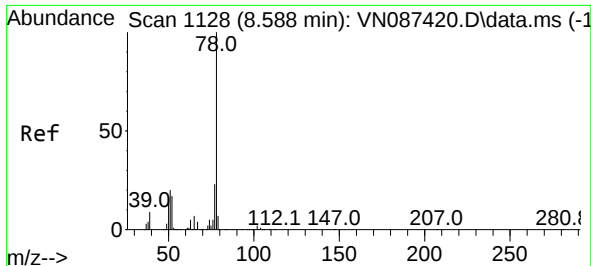
Ion Ratio Lower Upper

117 100

119 85.4 71.9 107.9

121 26.8 24.4 36.6

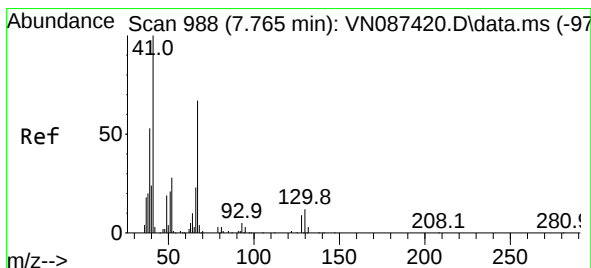
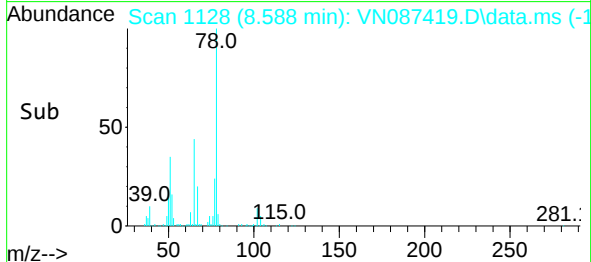
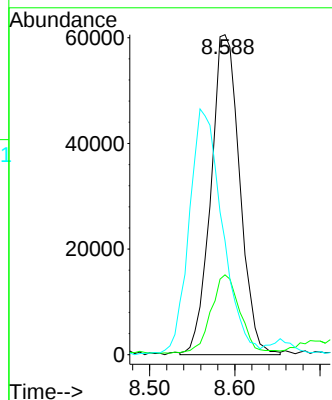
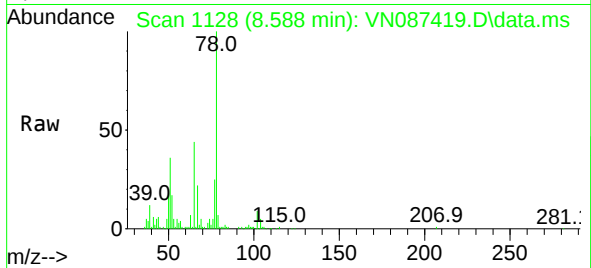




#34
Benzene
Concen: 4.859 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

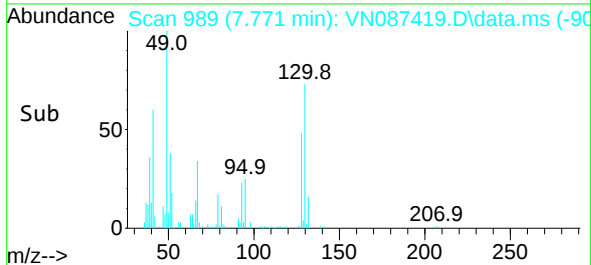
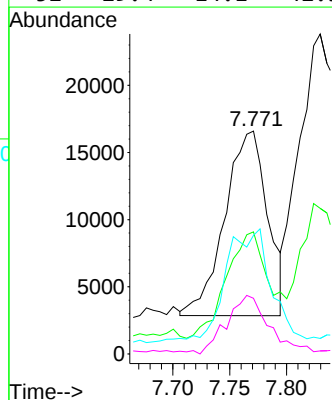
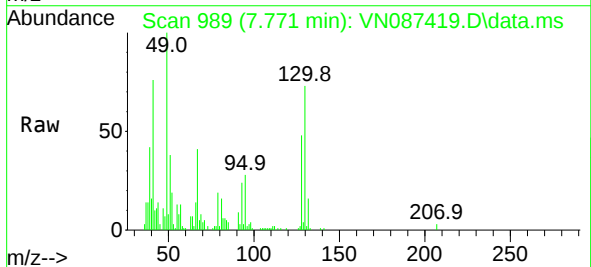
Instrument :
MSVOA_N
ClientSampleId :

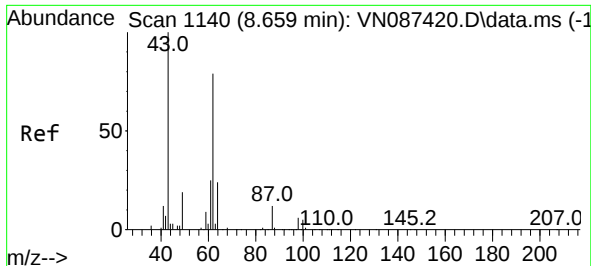
Tgt Ion: 78 Resp: 142708
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0
51 30.8 16.3 24.5#



#35
Methacrylonitrile
Concen: 4.838 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 41 Resp: 36058
Ion Ratio Lower Upper
41 100
39 57.9 26.7 80.1
67 57.1 33.5 100.4
52 29.4 14.1 42.3





#36

1,2-Dichloroethane

Concen: 4.770 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. -0.006 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

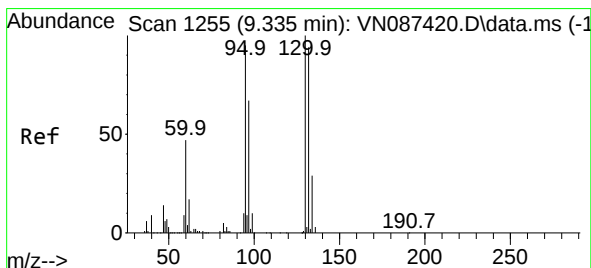
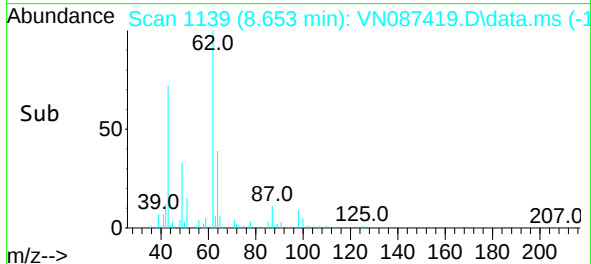
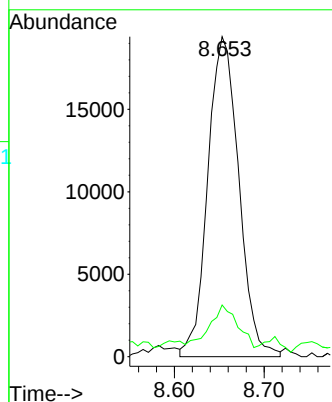
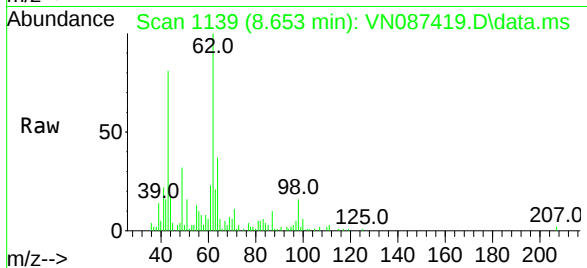
ClientSampleId :

Tgt Ion: 62 Resp: 46622

Ion Ratio Lower Upper

62 100

98 12.0 0.2 0.2#



#37

Trichloroethene

Concen: 5.061 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087419.D

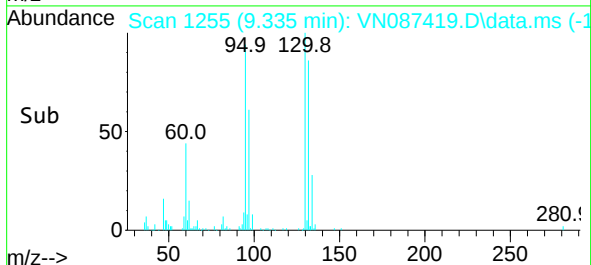
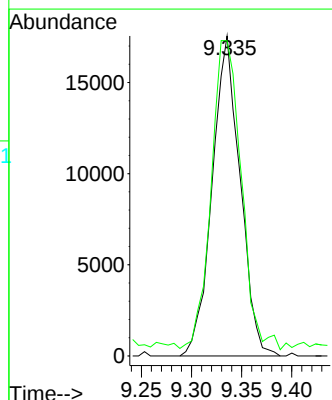
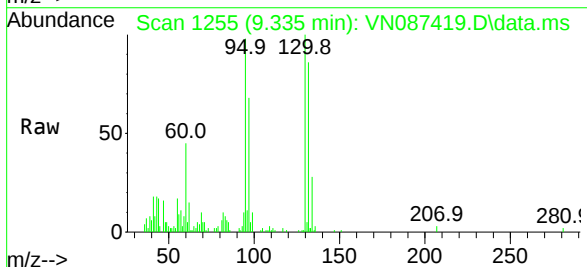
Acq: 28 Jul 2025 09:06

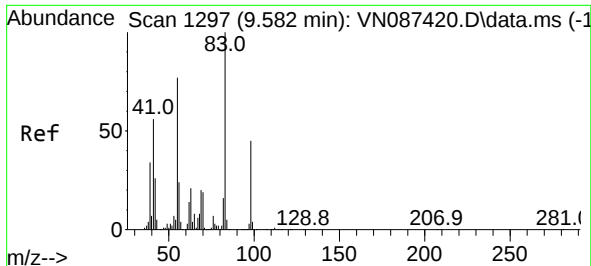
Tgt Ion:130 Resp: 33934

Ion Ratio Lower Upper

130 100

95 96.5 76.4 114.6





#38

Methylcyclohexane

Concen: 5.220 ug/l

RT: 9.583 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

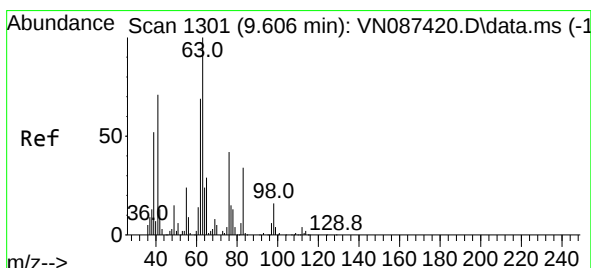
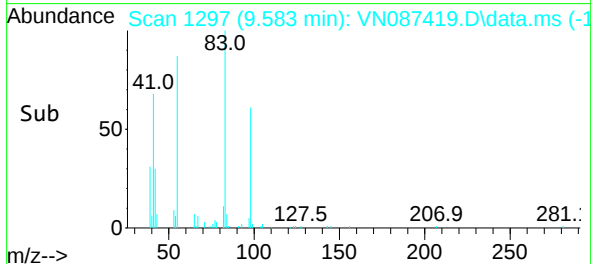
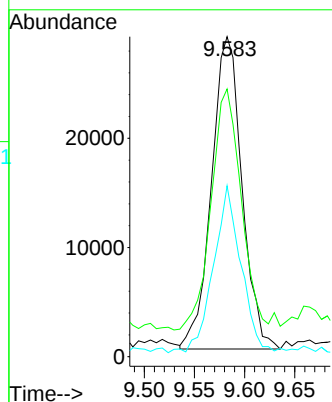
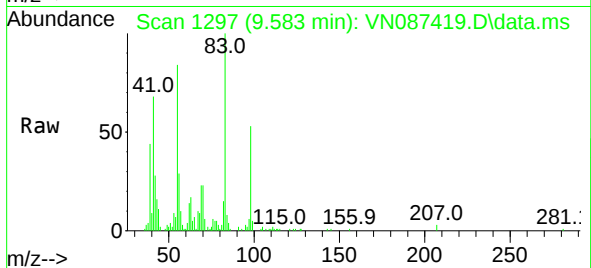
Tgt Ion: 83 Resp: 60463

Ion Ratio Lower Upper

83 100

55 75.9 39.4 118.1

98 47.5 23.6 70.8



#39

1,2-Dichloropropane

Concen: 4.853 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN087419.D

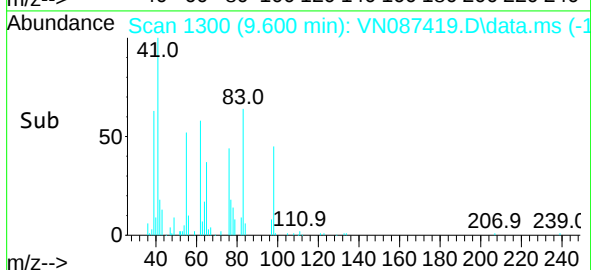
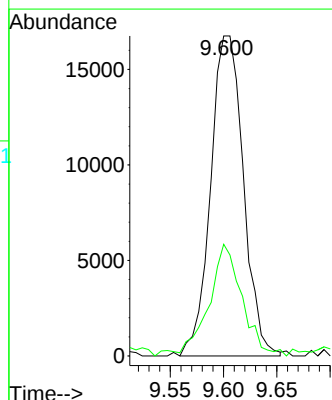
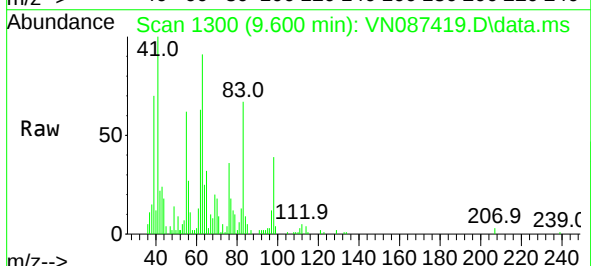
Acq: 28 Jul 2025 09:06

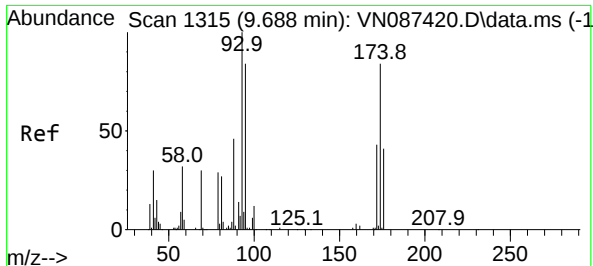
Tgt Ion: 63 Resp: 35882

Ion Ratio Lower Upper

63 100

65 33.9 23.1 34.7

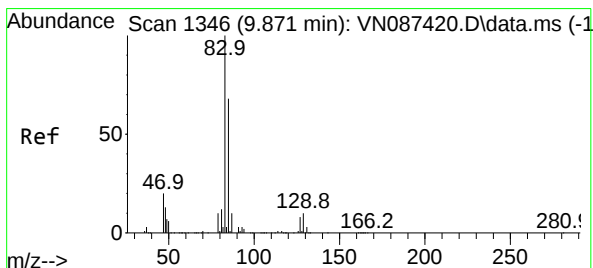
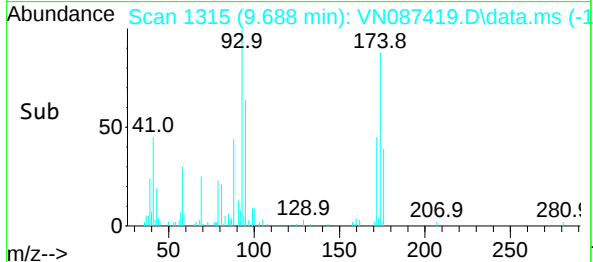
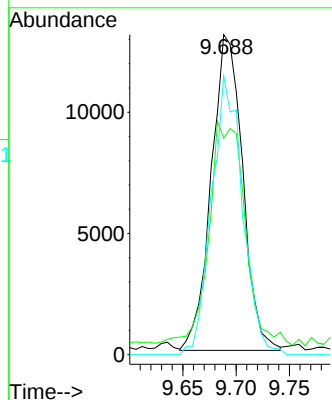
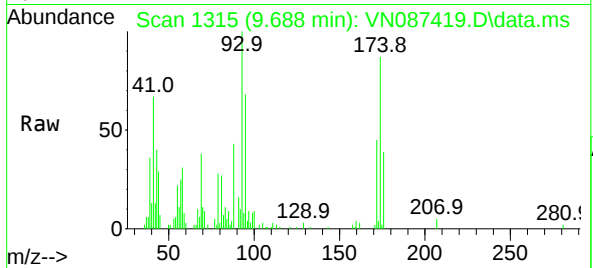




#40
Dibromomethane
Concen: 5.083 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

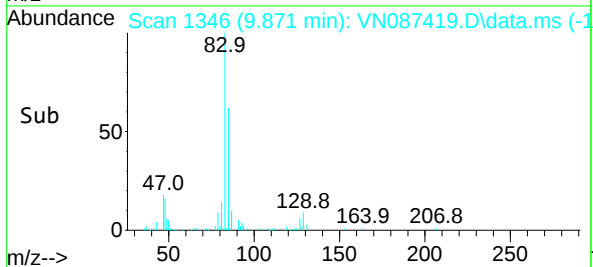
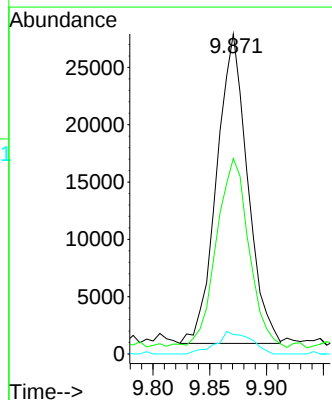
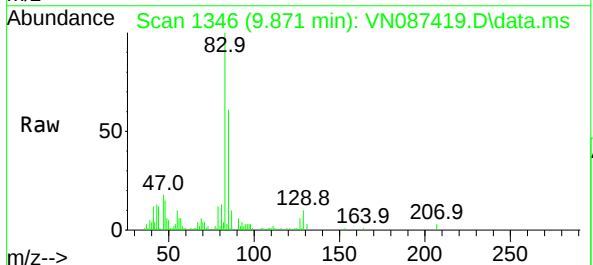
Instrument :
MSVOA_N
ClientSampleId :

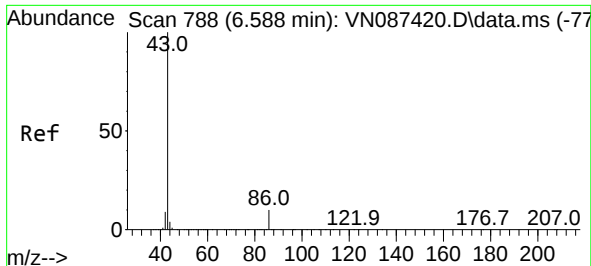
Tgt Ion: 93 Resp: 26662
Ion Ratio Lower Upper
93 100
95 35.1 0.0 164.8
174 87.2 0.0 174.4



#41
Bromodichloromethane
Concen: 4.836 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 83 Resp: 51054
Ion Ratio Lower Upper
83 100
85 60.0 54.5 81.7
127 6.3 6.6 10.0#

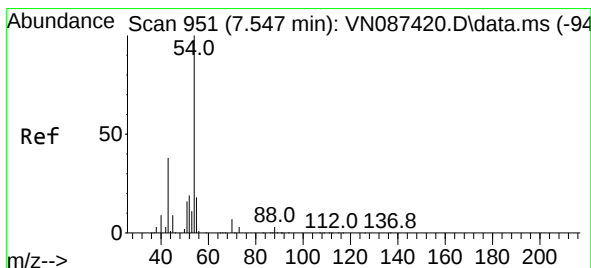
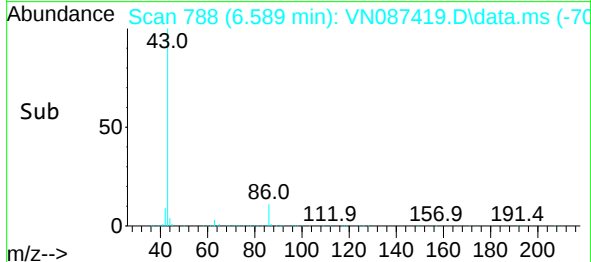
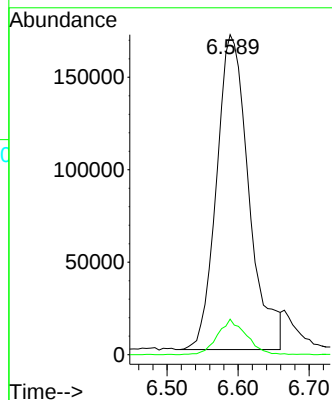
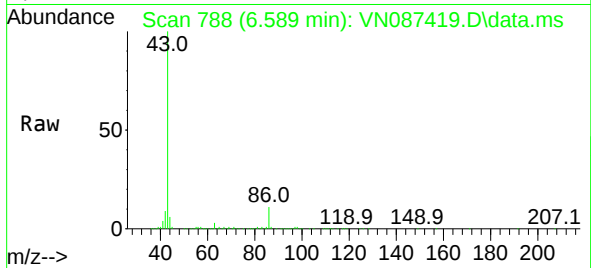




#42
 Vinyl Acetate
 Concen: 24.654 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

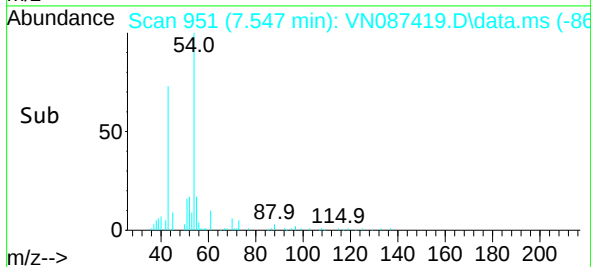
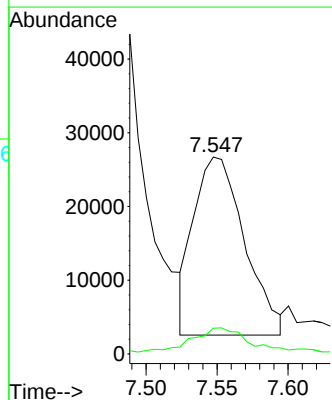
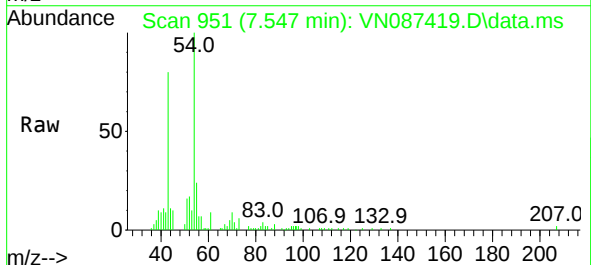
Instrument :
 MSVOA_N
 ClientSampleId :

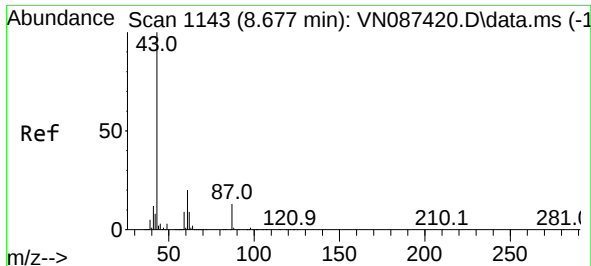
Tgt Ion: 43 Resp: 539799
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#43
 Ethyl Acetate
 Concen: 4.496 ug/l
 RT: 7.547 min Scan# 951
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

Tgt Ion: 43 Resp: 59963
 Ion Ratio Lower Upper
 43 100
 45 17.3 1.6 2.4#

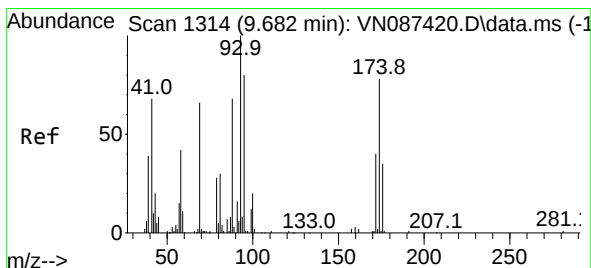
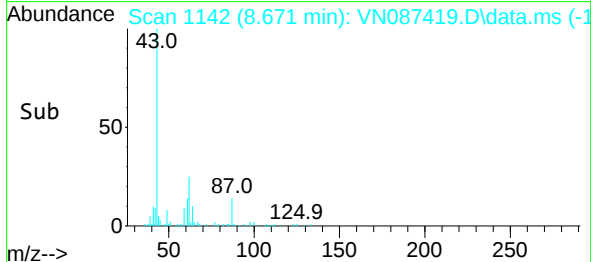
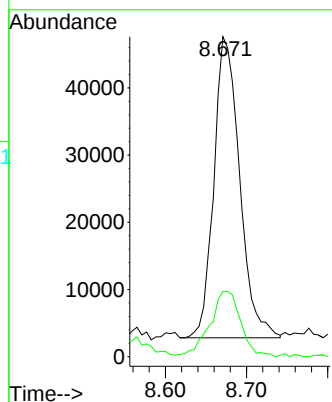
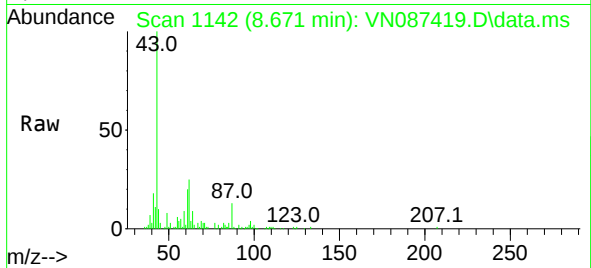




#44
Isopropyl Acetate
Concen: 4.640 ug/l
RT: 8.671 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

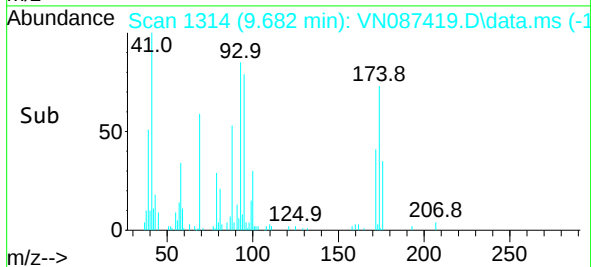
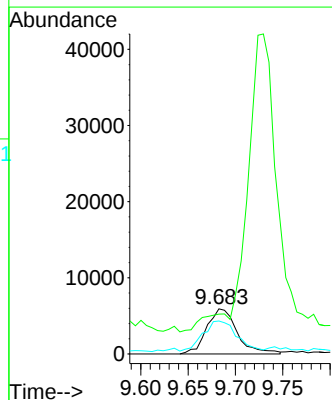
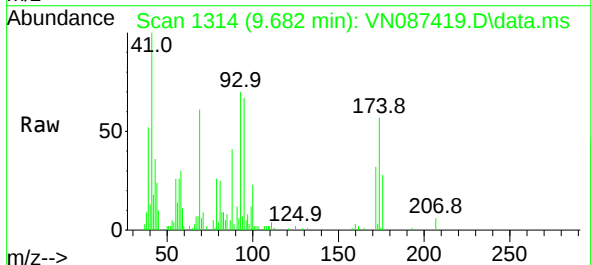
Instrument :
MSVOA_N
ClientSampleId :

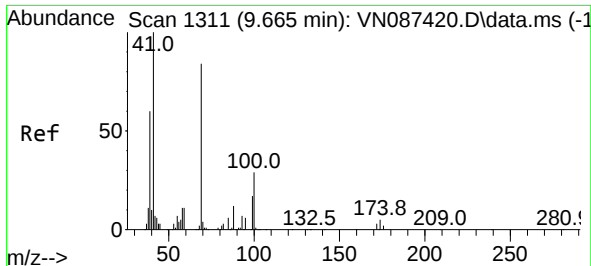
Tgt Ion: 43 Resp: 98859
Ion Ratio Lower Upper
43 100
61 25.5 20.0 30.0



#45
1,4-Dioxane
Concen: 98.894 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 88 Resp: 13370
Ion Ratio Lower Upper
88 100
43 37.4 22.7 34.1#
58 71.7 56.2 84.4

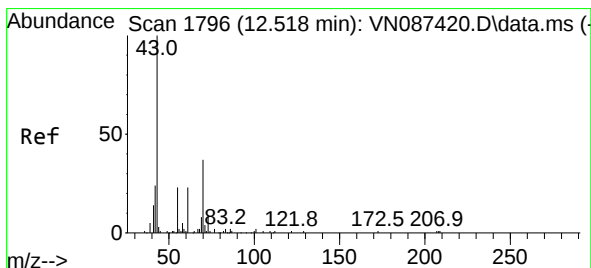
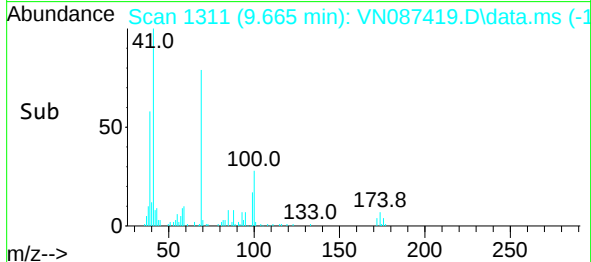
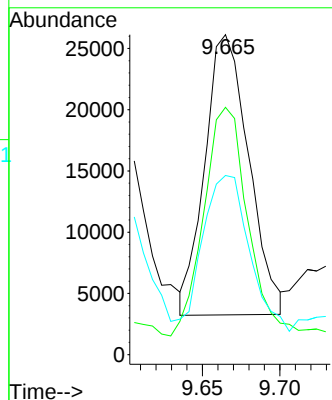
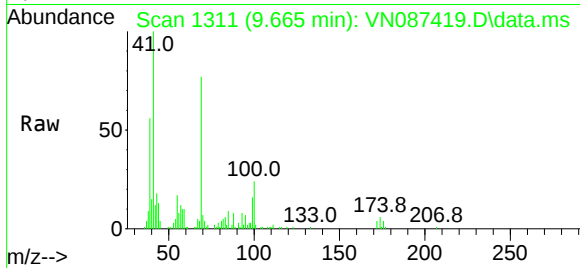




#46
Methyl methacrylate
Concen: 4.547 ug/l
RT: 9.665 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

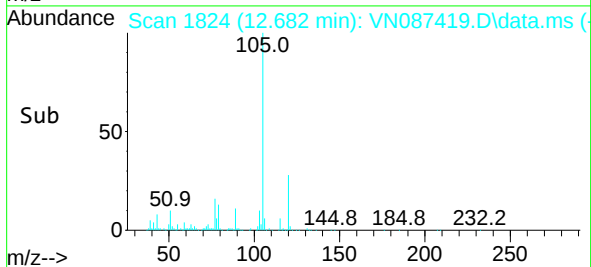
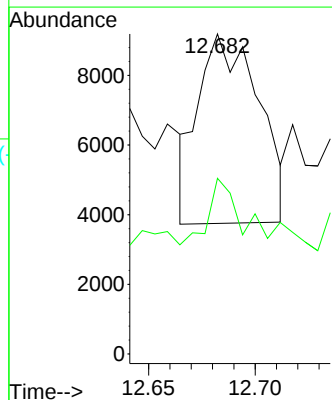
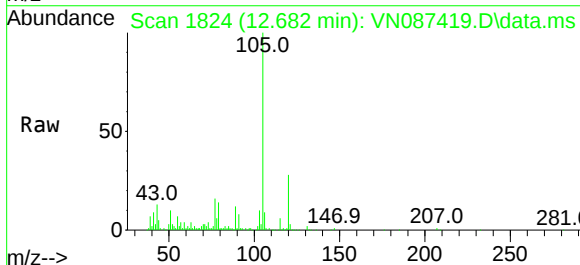
Instrument :
MSVOA_N
ClientSampleId :

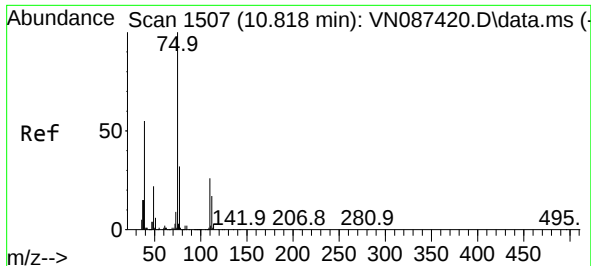
Tgt Ion: 41 Resp: 45109
Ion Ratio Lower Upper
41 100
69 83.8 41.9 125.7
39 55.8 31.1 93.5



#47
n-amy1 Acetate
Concen: 1.217 ug/l
RT: 12.682 min Scan# 1824
Delta R.T. 0.165 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 43 Resp: 10693
Ion Ratio Lower Upper
43 100
55 15.2 15.0 22.6

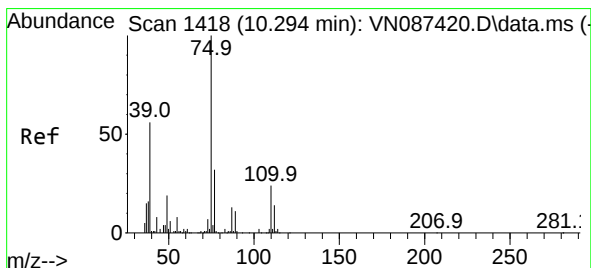
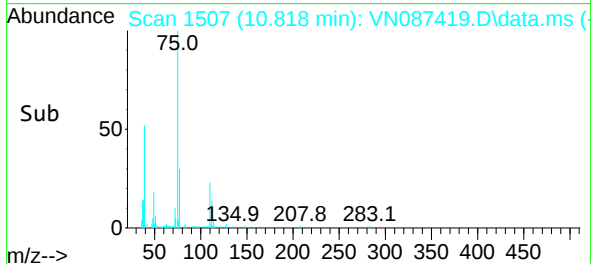
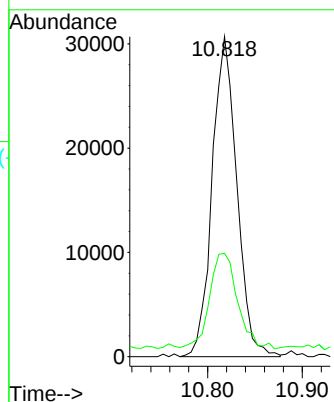
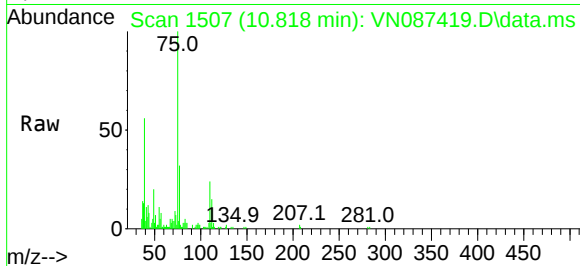




#48
 t-1,3-Dichloropropene
 Concen: 4.676 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

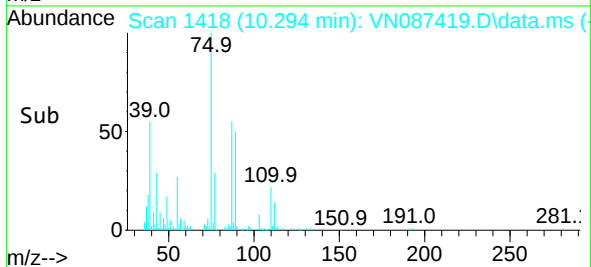
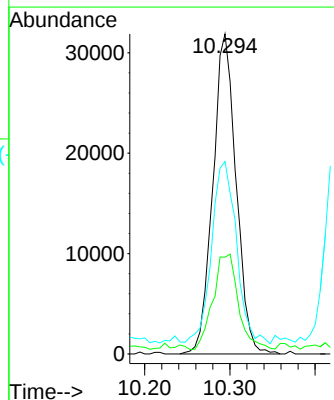
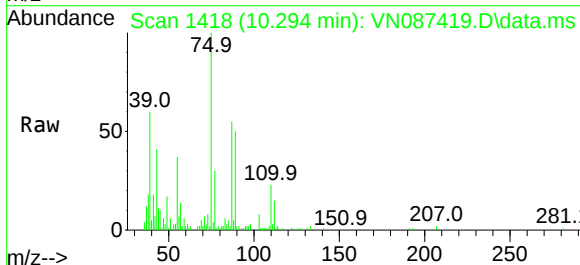
Instrument :
 MSVOA_N
 ClientSampleId :

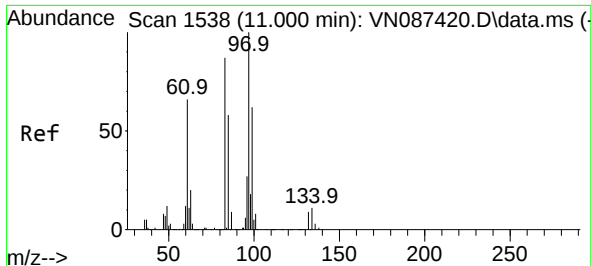
Tgt Ion: 75 Resp: 55578
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.2



#49
 cis-1,3-Dichloropropene
 Concen: 4.847 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

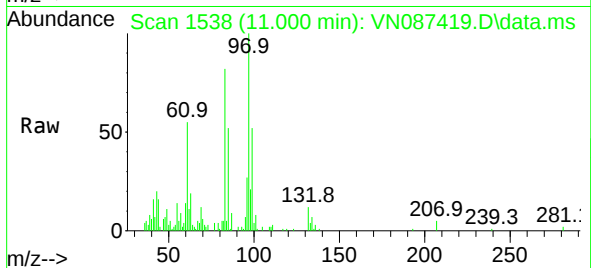
Tgt Ion: 75 Resp: 60505
 Ion Ratio Lower Upper
 75 100
 77 27.5 26.1 39.1
 39 56.4 45.0 67.4



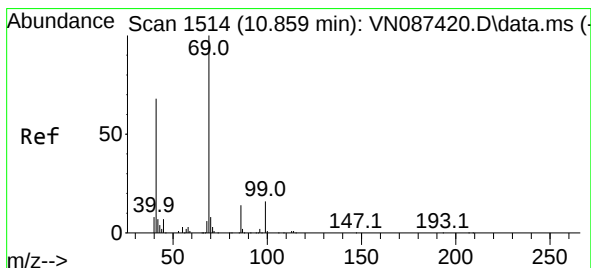
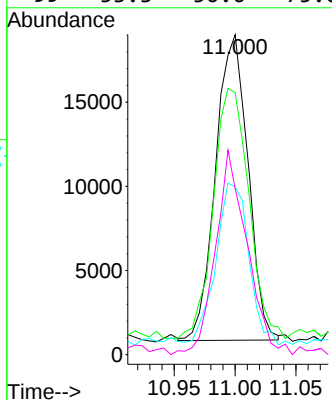
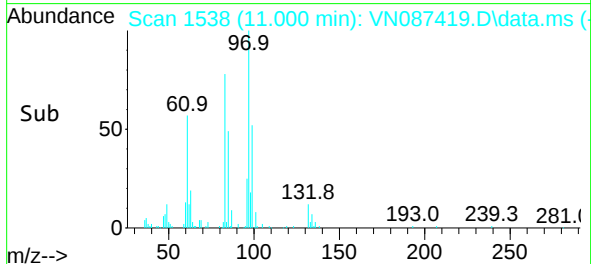


#50
1,1,2-Trichloroethane
Concen: 4.813 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

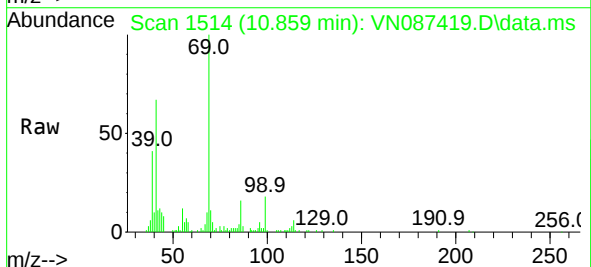
Instrument :
MSVOA_N
ClientSampleId :



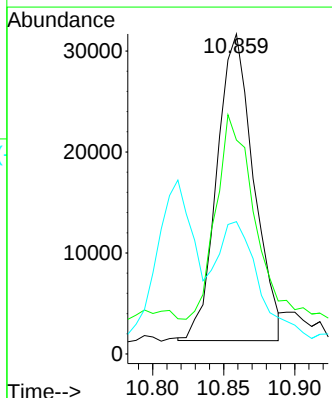
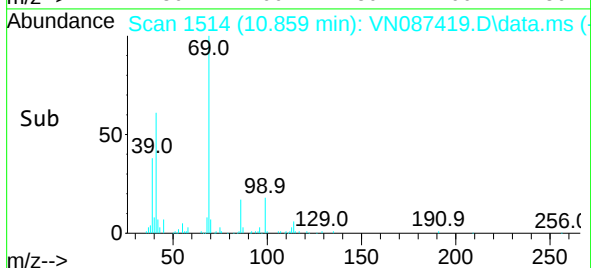
Tgt Ion: 97 Resp: 33604
Ion Ratio Lower Upper
97 100
83 80.8 70.0 105.0
85 52.0 46.2 69.2
99 53.3 50.0 75.0

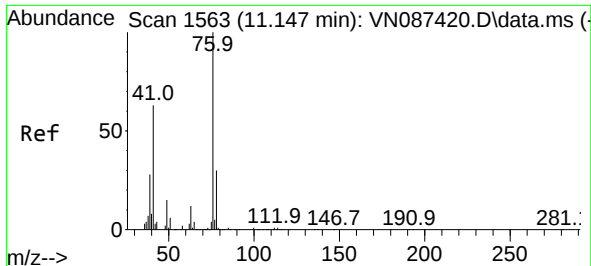


#51
Ethyl methacrylate
Concen: 4.322 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06



Tgt Ion: 69 Resp: 54649
Ion Ratio Lower Upper
69 100
41 58.8 33.9 101.6
39 31.6 20.3 60.9

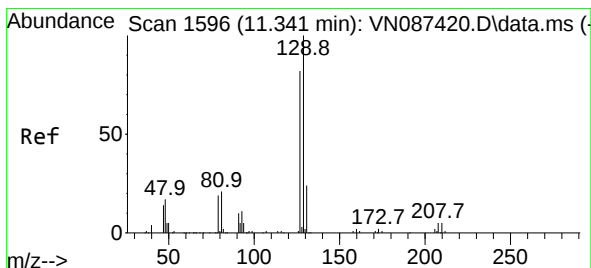
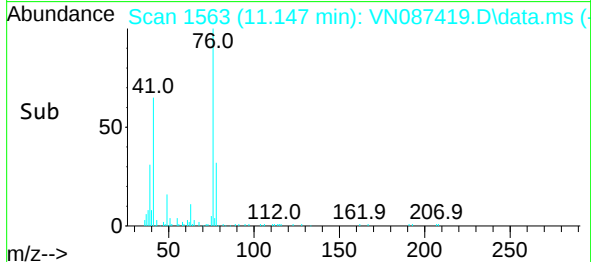
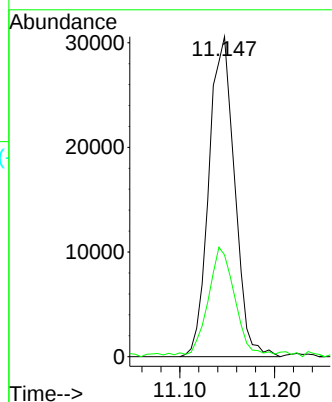
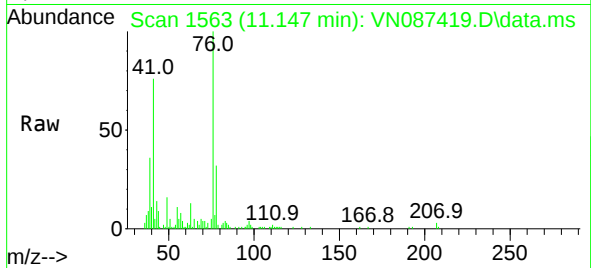




#52
1,3-Dichloropropane
Concen: 4.775 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

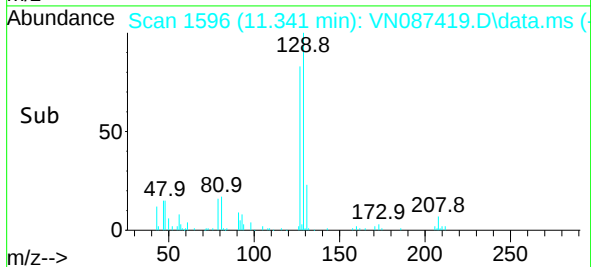
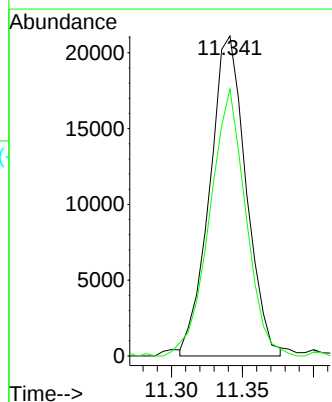
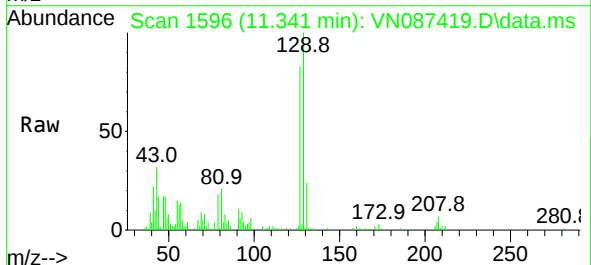
Instrument :
MSVOA_N
ClientSampleId :

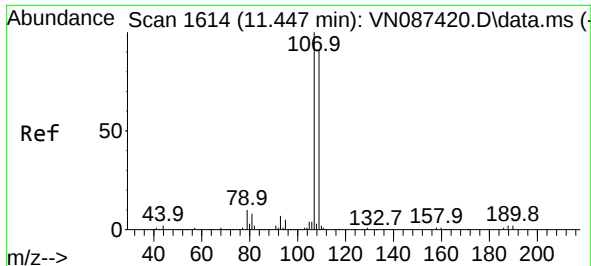
Tgt Ion: 76 Resp: 57620
Ion Ratio Lower Upper
76 100
78 33.9 0.0 67.4



#53
Dibromochloromethane
Concen: 4.701 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 129 Resp: 37647
Ion Ratio Lower Upper
129 100
127 82.6 39.5 118.3

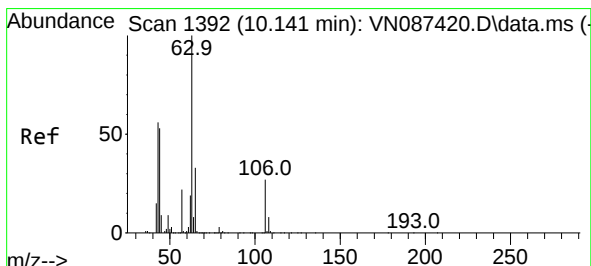
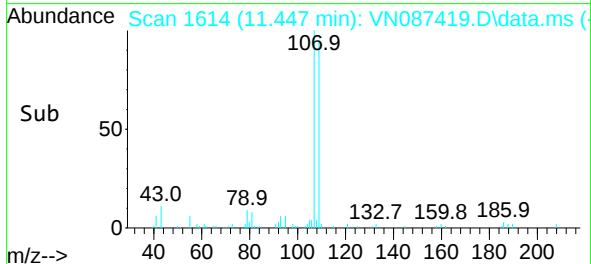
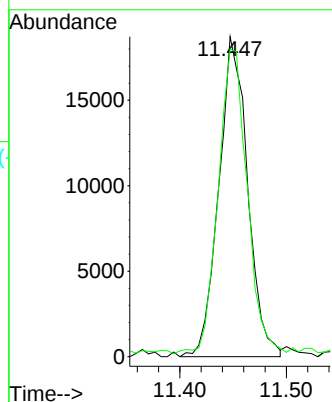
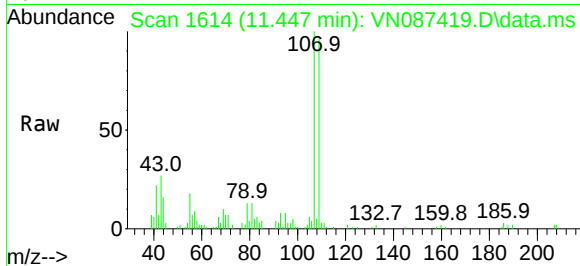




#54
1,2-Dibromoethane
Concen: 4.782 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

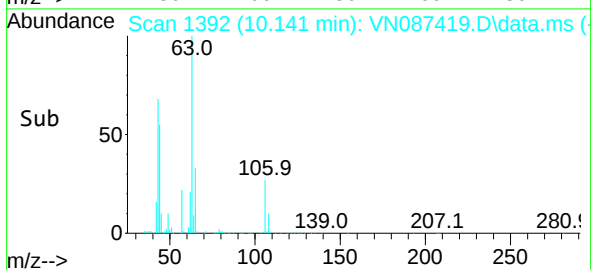
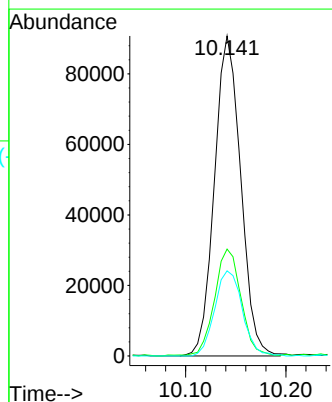
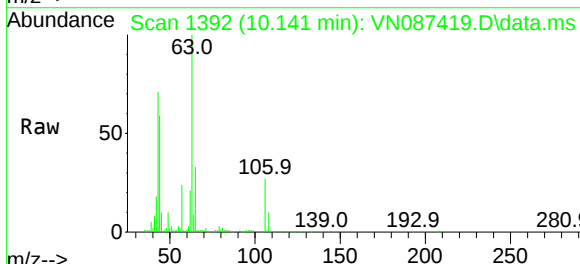
Instrument :
MSVOA_N
ClientSampleId :

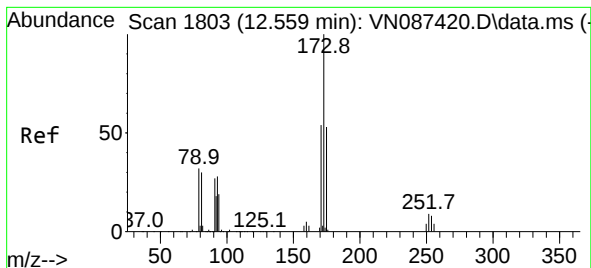
Tgt Ion:107 Resp: 35135
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9



#55
2-Chloroethyl vinyl ether
Concen: 31.699 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 63 Resp: 164801
Ion Ratio Lower Upper
63 100
65 32.9 26.2 39.2
106 28.0 21.3 31.9





#56

Bromoform

Concen: 4.635 ug/l

RT: 12.565 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

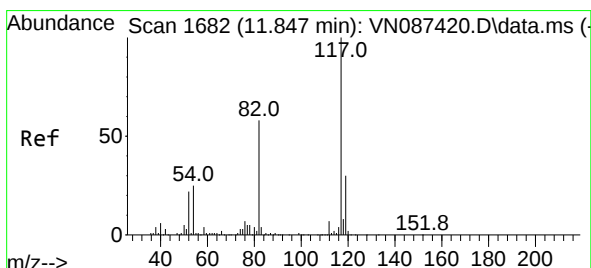
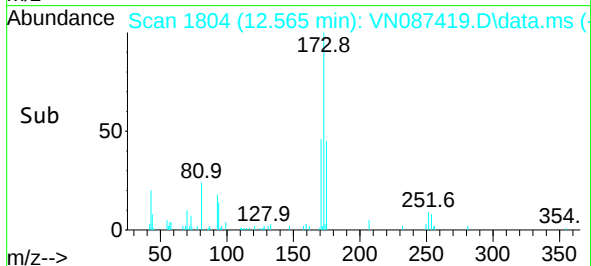
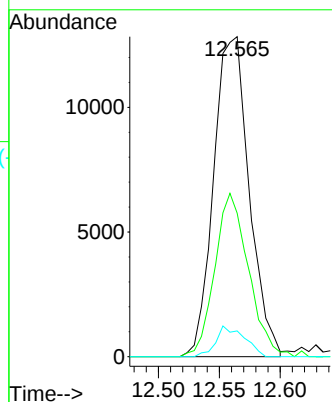
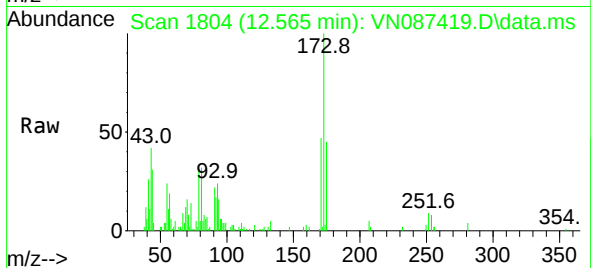
Tgt Ion:173 Resp: 26052

Ion Ratio Lower Upper

173 100

175 48.3 38.4 57.6

254 7.7 6.4 9.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

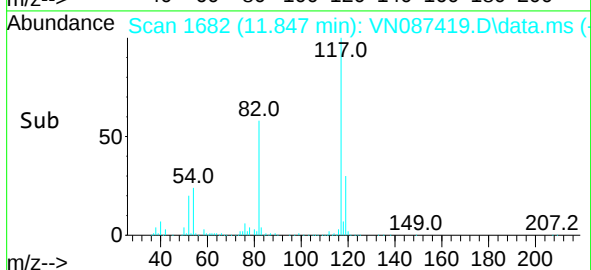
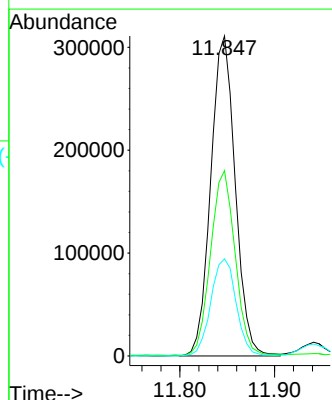
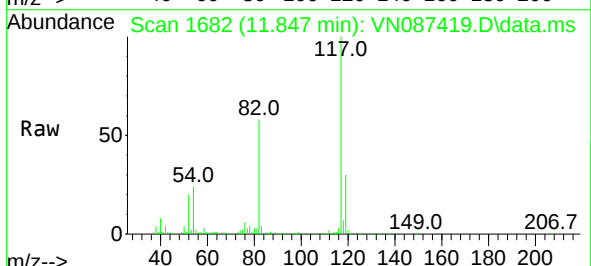
Tgt Ion:117 Resp: 558264

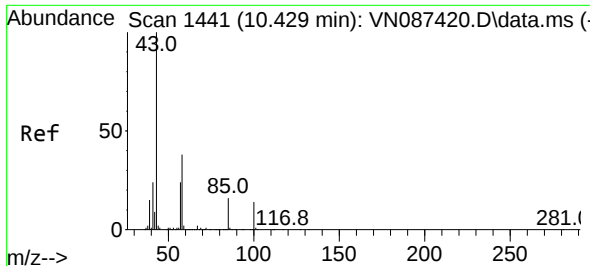
Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 31.5 25.7 38.5

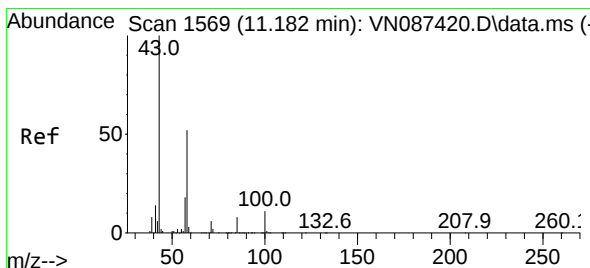
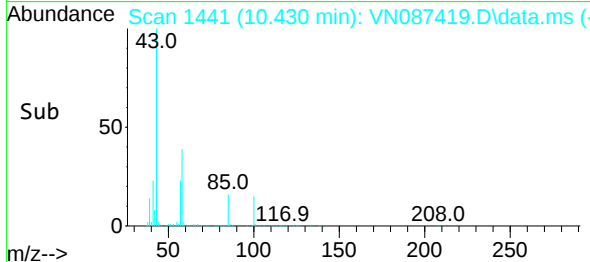
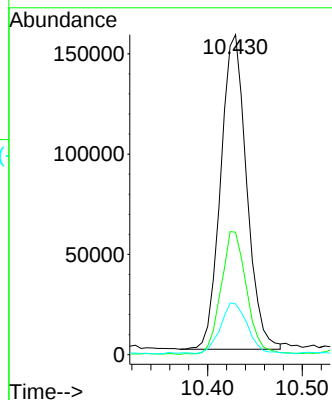
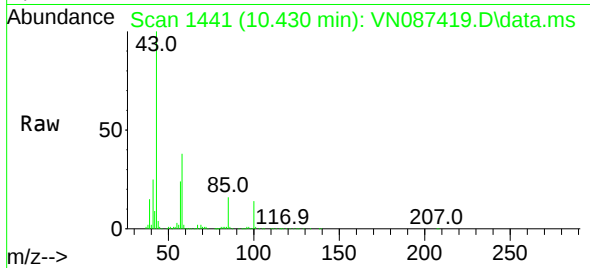




#58
4-Methyl-2-Pentanone
Concen: 23.754 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

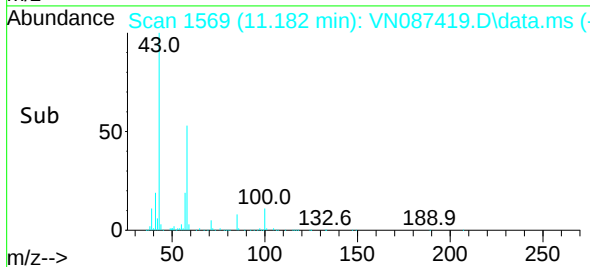
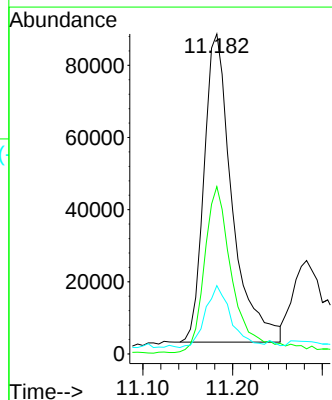
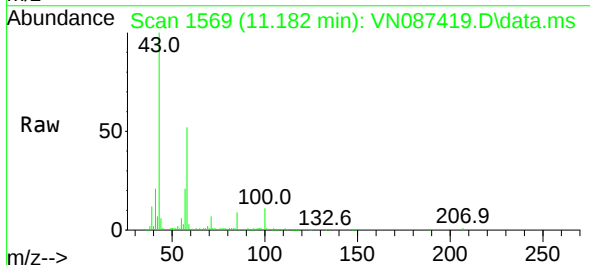
Instrument :
MSVOA_N
ClientSampleId :

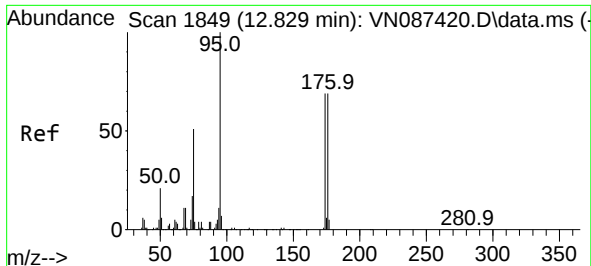
Tgt Ion: 43 Resp: 298702
Ion Ratio Lower Upper
43 100
58 37.9 29.9 44.9
85 17.0 12.8 19.2



#59
2-Hexanone
Concen: 21.276 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 43 Resp: 185403
Ion Ratio Lower Upper
43 100
58 53.4 42.2 63.2
57 18.6 14.3 21.5

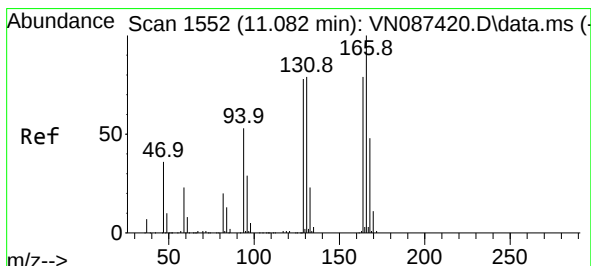
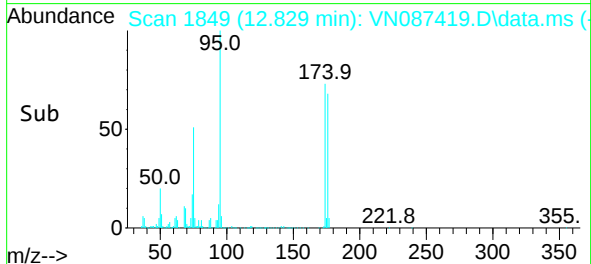
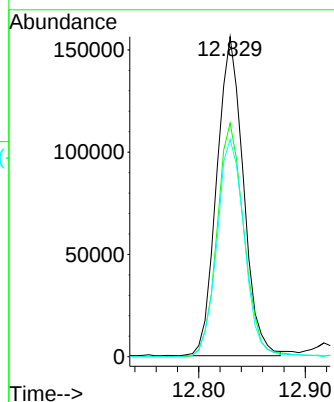
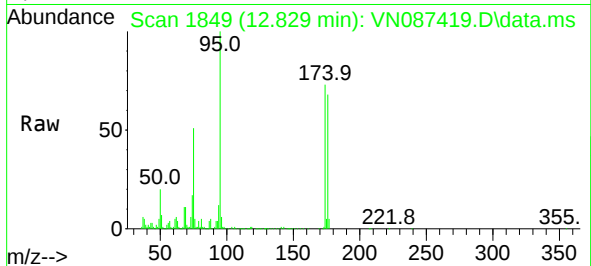




#60
4-Bromofluorobenzene
Concen: 29.454 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

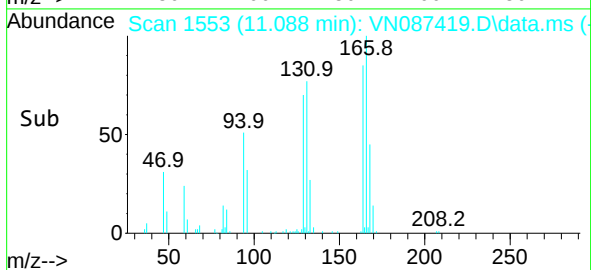
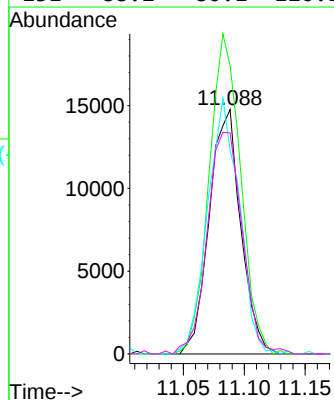
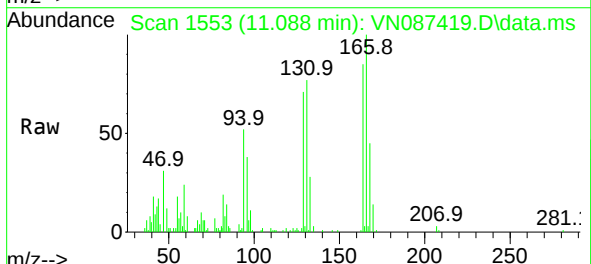
Instrument :
MSVOA_N
ClientSampleId :

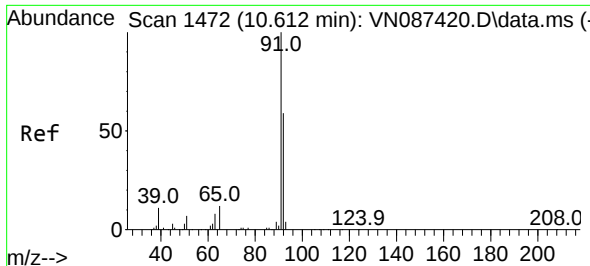
Tgt Ion: 95 Resp: 270016
Ion Ratio Lower Upper
95 100
174 74.4 57.8 86.8
176 70.1 54.9 82.3



#61
Tetrachloroethene
Concen: 5.005 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion:164 Resp: 26530
Ion Ratio Lower Upper
164 100
166 116.5 101.8 152.8
129 83.2 79.8 119.8
131 88.2 80.1 120.1

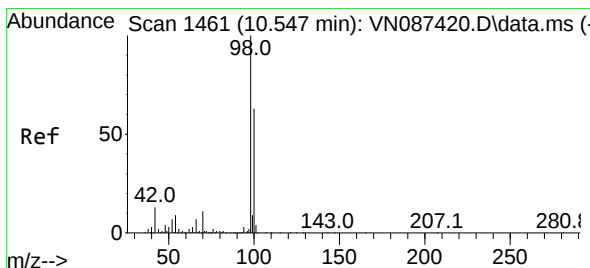
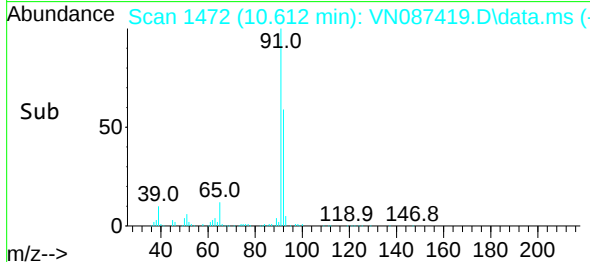
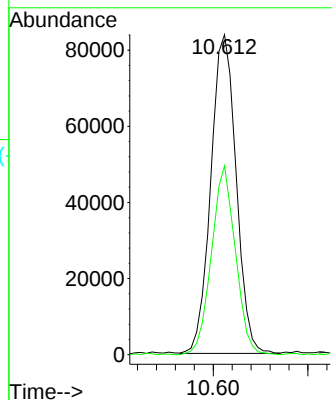
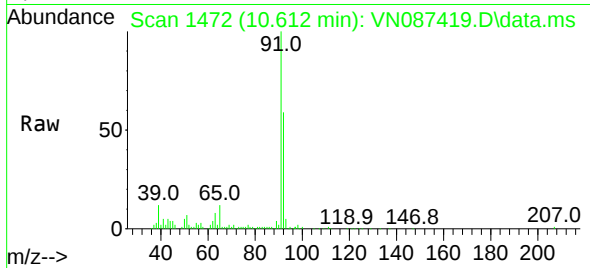




#62
Toluene
Concen: 4.944 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

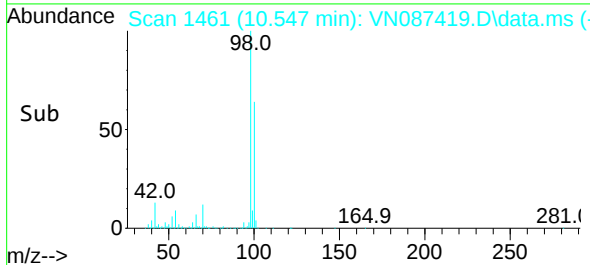
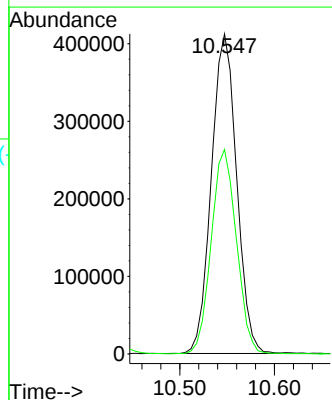
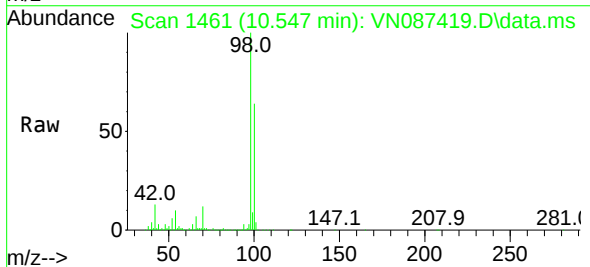
Instrument :
MSVOA_N
ClientSampleId :

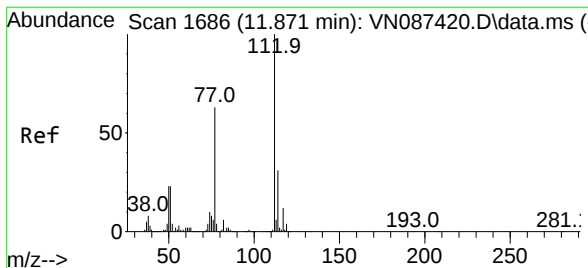
Tgt Ion: 91 Resp: 155772
Ion Ratio Lower Upper
91 100
92 55.9 45.6 68.4



#63
Toluene-d8
Concen: 29.791 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 98 Resp: 763779
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1





#64

Chlorobenzene

Concen: 4.975 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

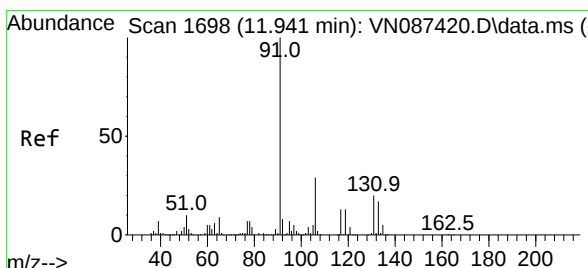
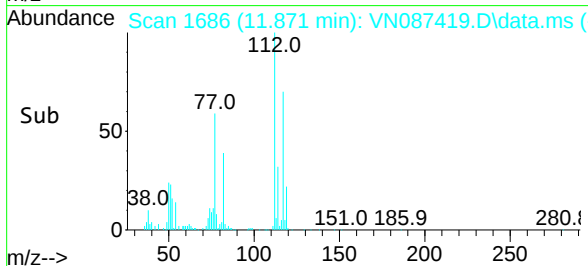
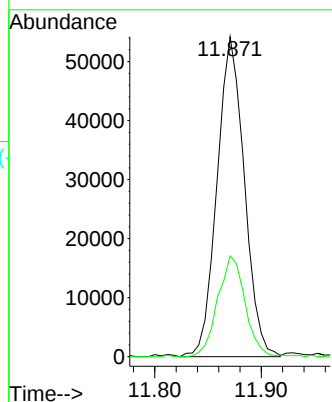
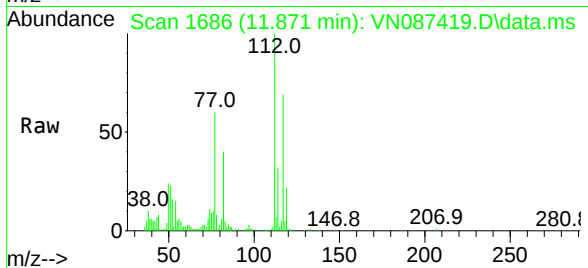
ClientSampleId :

Tgt Ion:112 Resp: 96389

Ion Ratio Lower Upper

112 100

114 31.5 25.2 37.8



#65

1,1,1,2-Tetrachloroethane

Concen: 4.779 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

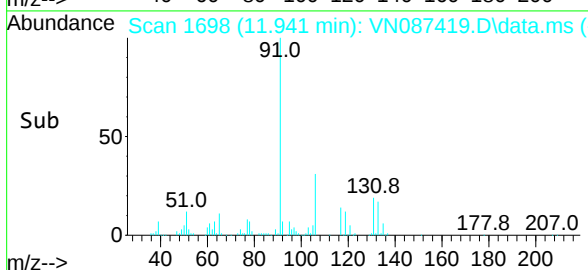
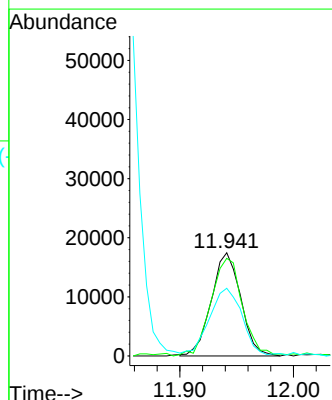
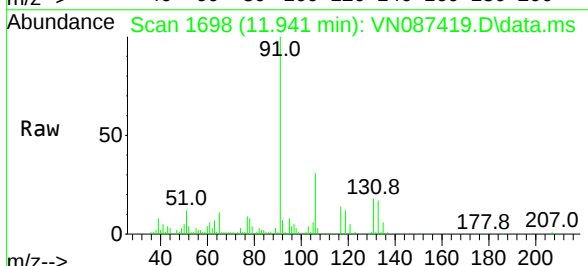
Tgt Ion:131 Resp: 31396

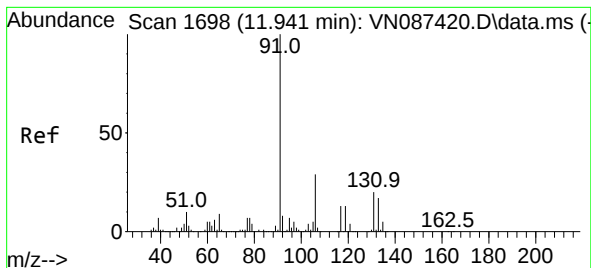
Ion Ratio Lower Upper

131 100

133 97.7 0.0 184.2

119 72.4 0.0 136.4

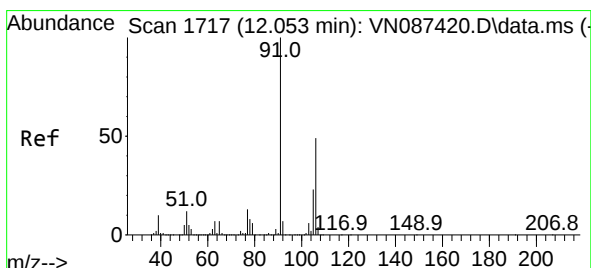
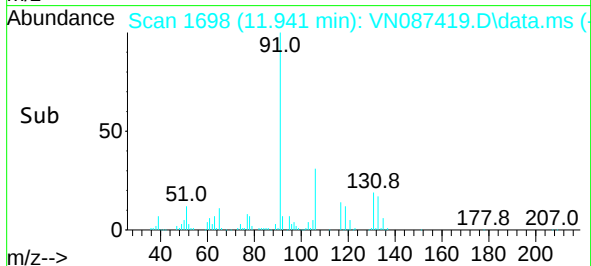
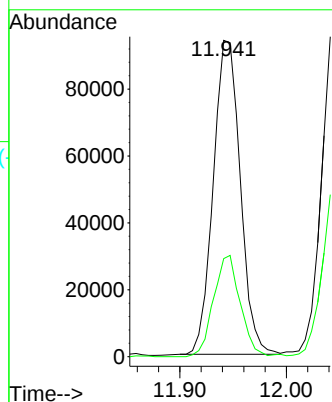
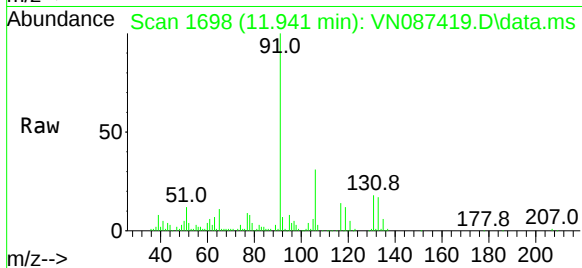




#66
Ethyl Benzene
Concen: 4.803 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

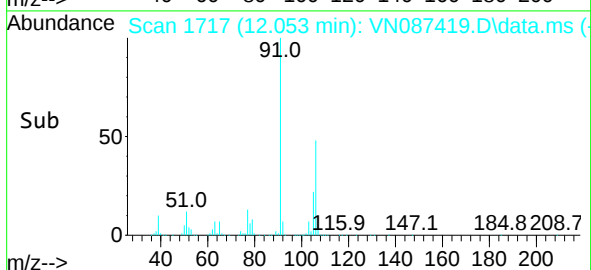
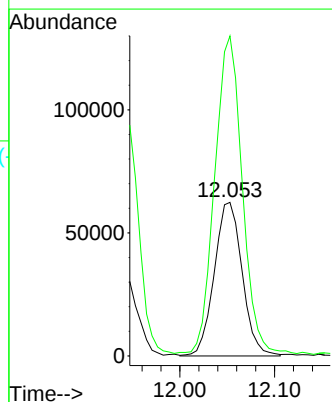
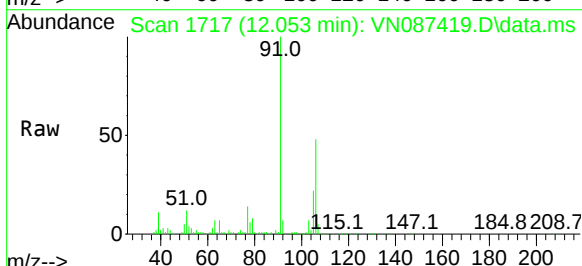
Instrument :
MSVOA_N
ClientSampleId :

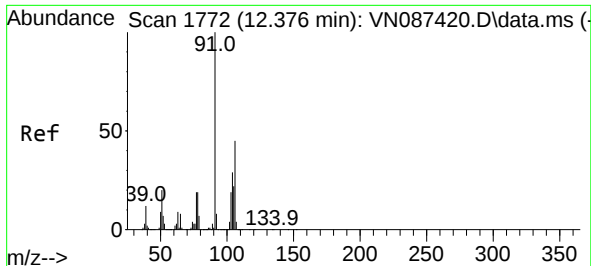
Tgt Ion: 91 Resp: 165328
Ion Ratio Lower Upper
91 100
106 31.2 23.6 35.4



#67
m/p-Xylenes
Concen: 9.915 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion:106 Resp: 127883
Ion Ratio Lower Upper
106 100
91 205.5 165.4 248.2

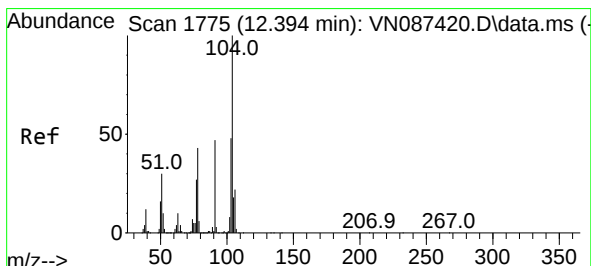
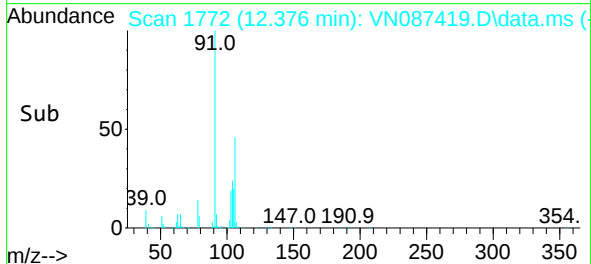
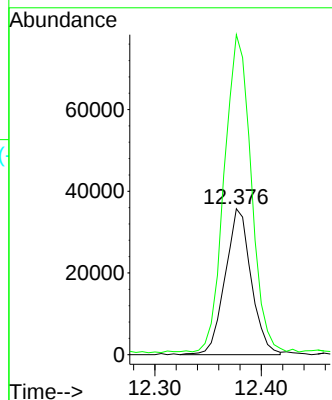
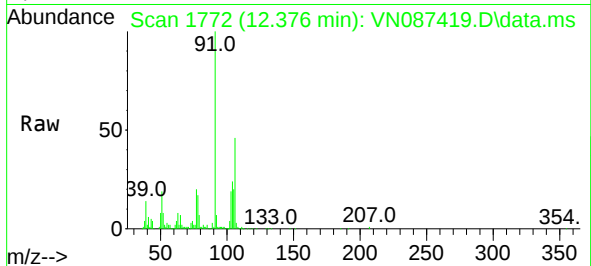




#68
o-Xylene
Concen: 4.798 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

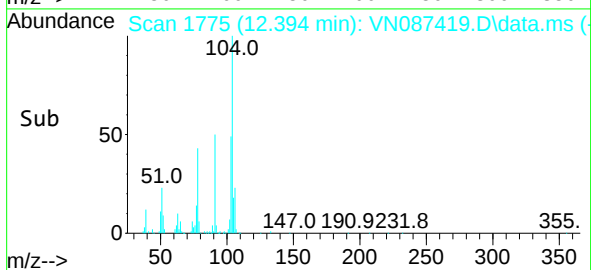
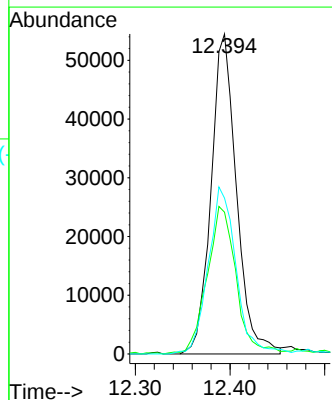
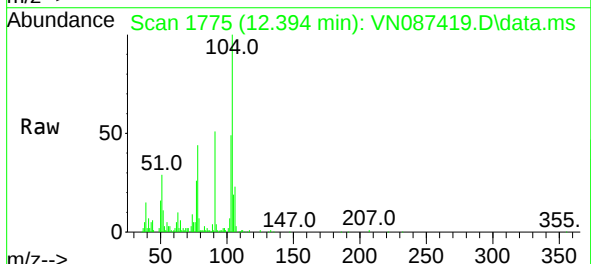
Instrument :
MSVOA_N
ClientSampleId :

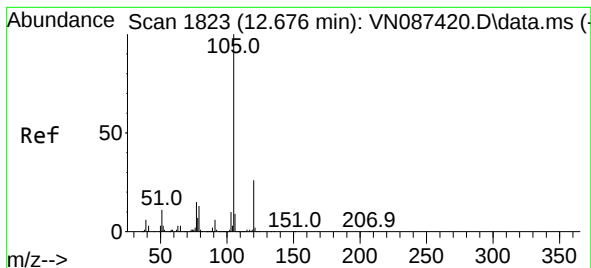
Tgt Ion:106 Resp: 60554
Ion Ratio Lower Upper
106 100
91 224.3 106.9 320.8



#69
Styrene
Concen: 4.712 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion:104 Resp: 101722
Ion Ratio Lower Upper
104 100
78 49.8 40.6 60.8
103 56.8 43.8 65.8





#70

Isopropylbenzene

Concen: 4.804 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

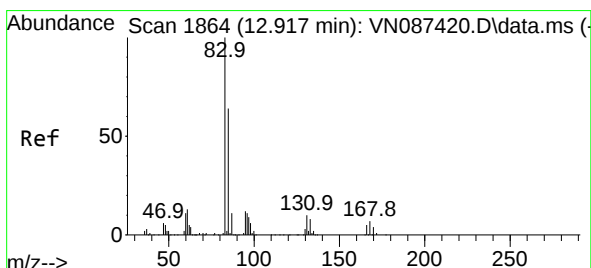
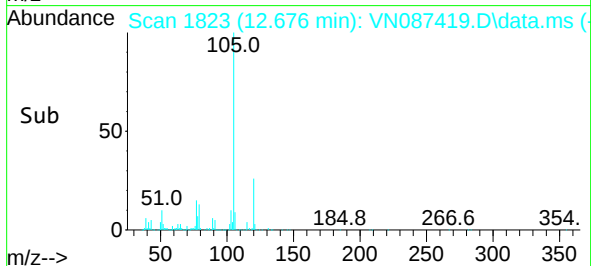
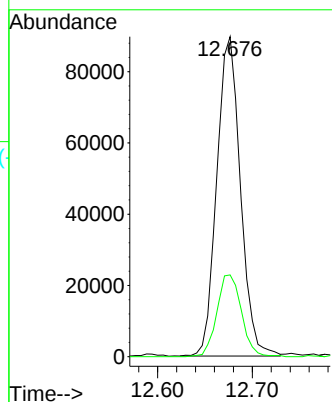
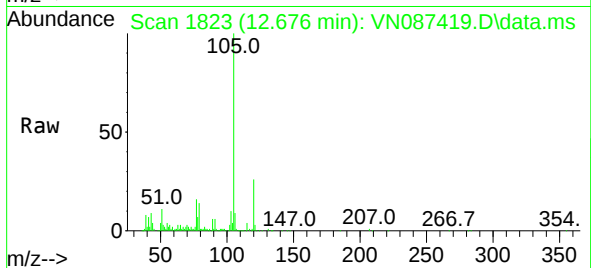
ClientSampleId :

Tgt Ion:105 Resp: 155707

Ion Ratio Lower Upper

105 100

120 26.6 18.1 33.5



#71

1,1,2,2-Tetrachloroethane

Concen: 4.895 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

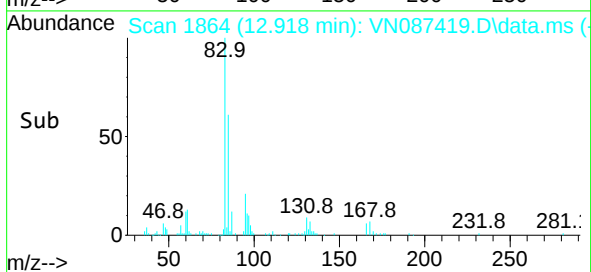
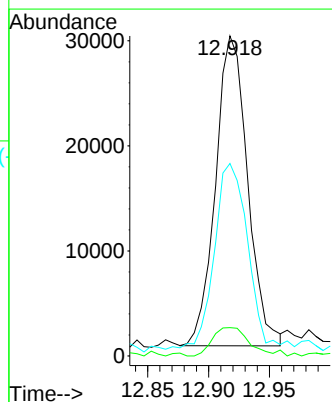
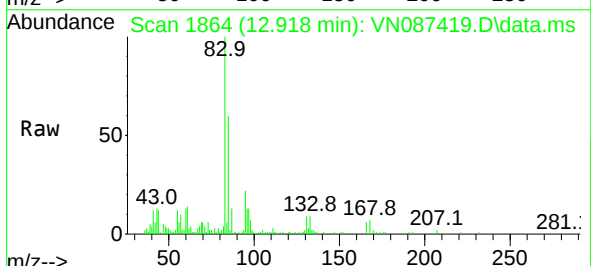
Tgt Ion: 83 Resp: 54103

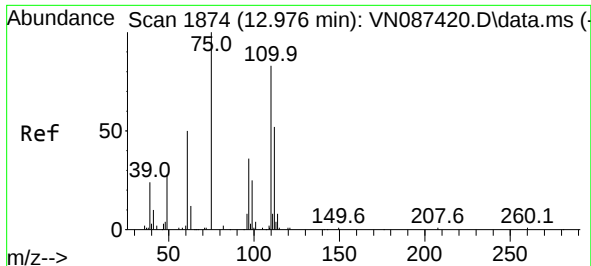
Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 61.0 32.7 98.1

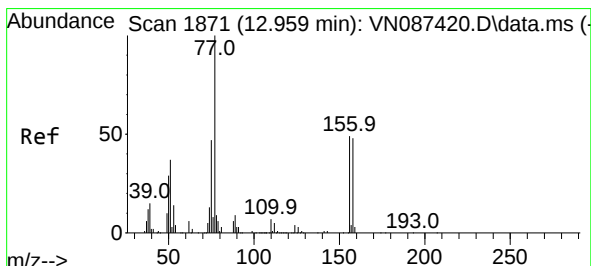
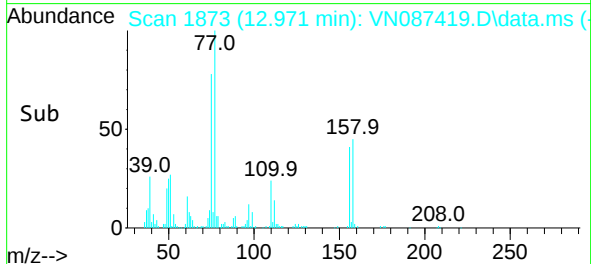
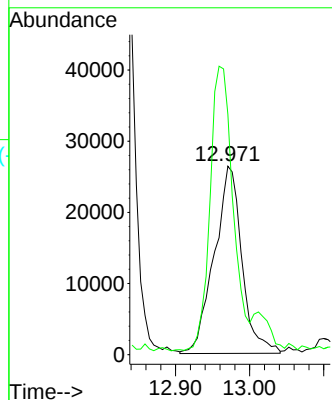
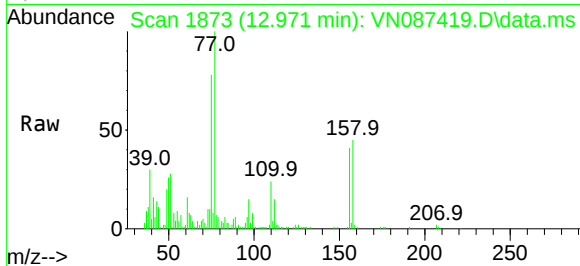




#72
1,2,3-Trichloropropane
Concen: 6.795 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

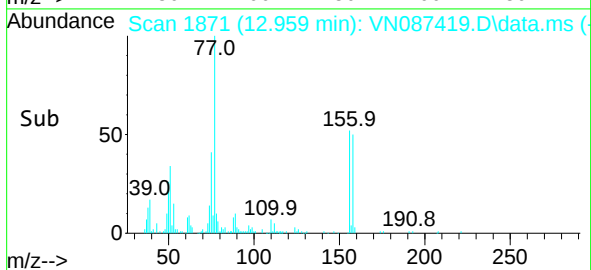
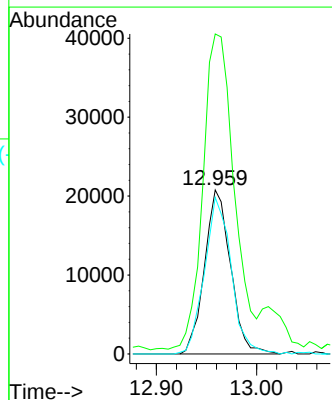
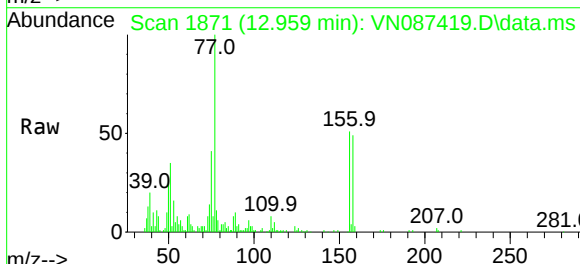
Instrument :
MSVOA_N
ClientSampleId :

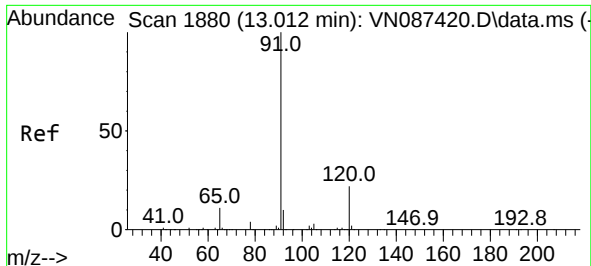
Tgt Ion: 75 Resp: 68319
Ion Ratio Lower Upper
75 100
77 125.5 0.0 322.6



#73
Bromobenzene
Concen: 4.983 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion:156 Resp: 37530
Ion Ratio Lower Upper
156 100
77 228.4 0.0 483.0
158 98.0 0.0 195.0

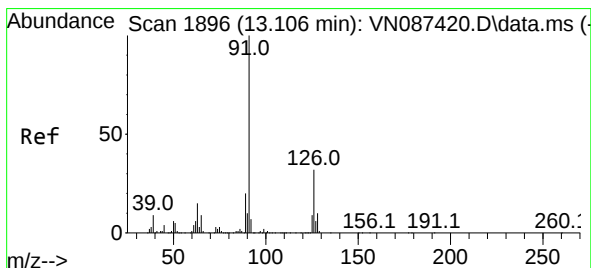
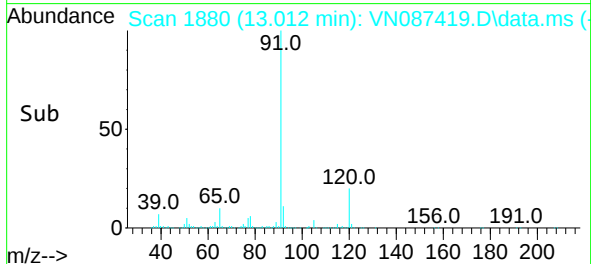
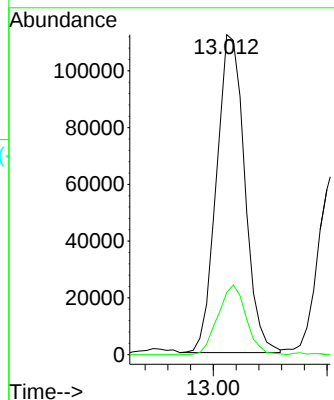
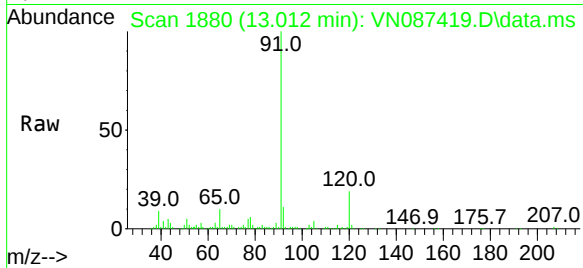




#74
n-propylbenzene
Concen: 4.828 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

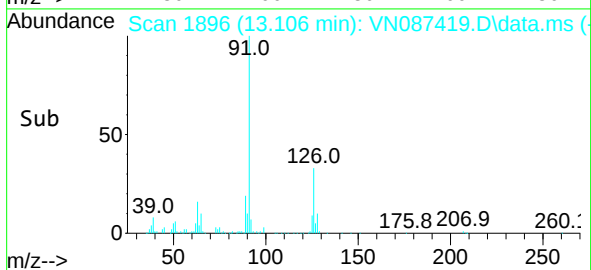
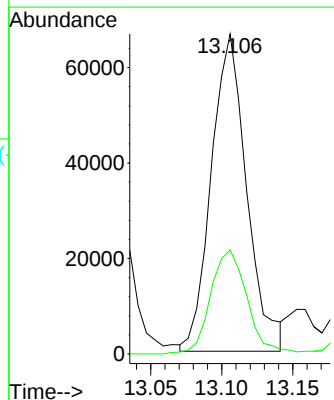
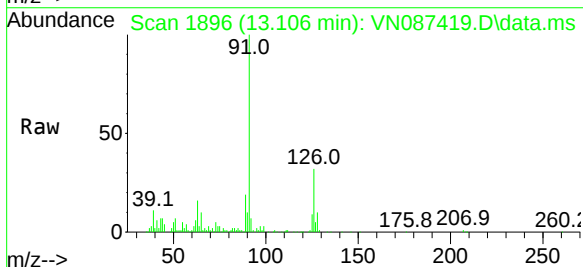
Instrument :
MSVOA_N
ClientSampleId :

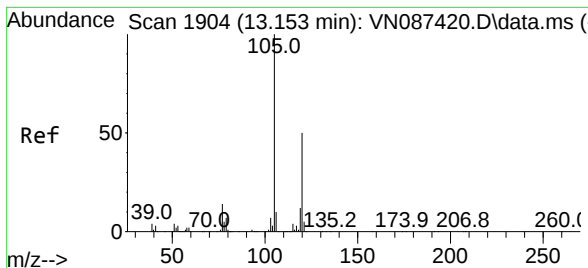
Tgt Ion: 91 Resp: 193226
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0



#75
2-Chlorotoluene
Concen: 4.855 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 91 Resp: 115299
Ion Ratio Lower Upper
91 100
126 33.7 0.0 64.4

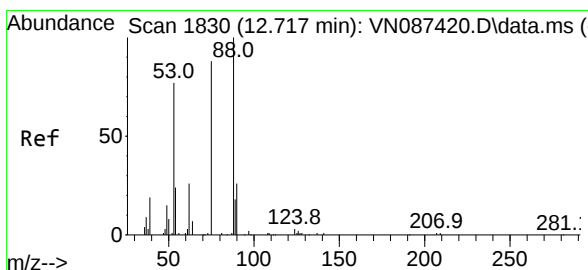
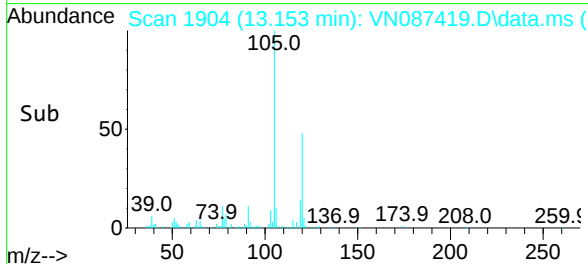
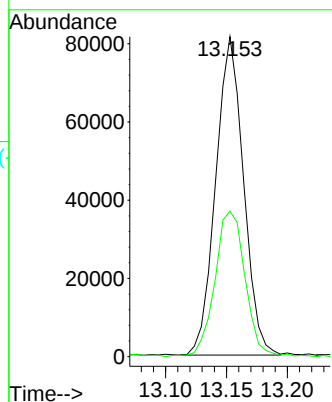
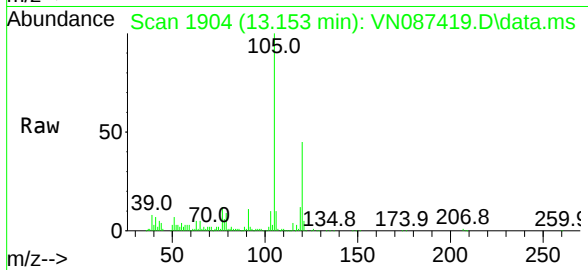




#76
 1,3,5-Trimethylbenzene
 Concen: 4.811 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

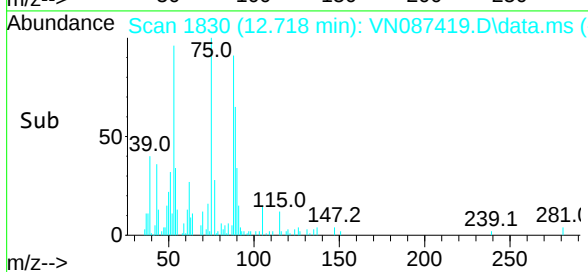
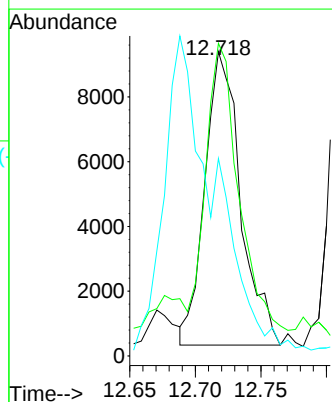
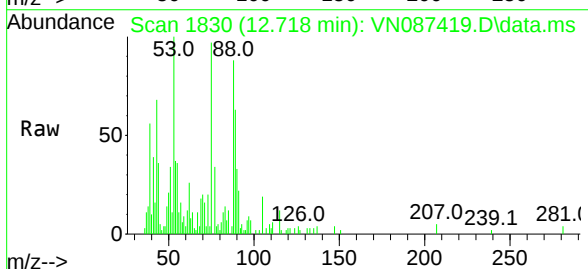
Instrument :
 MSVOA_N
 ClientSampleId :

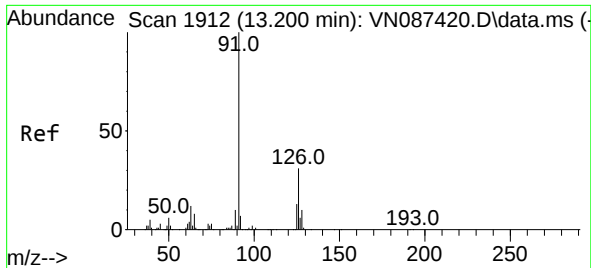
Tgt Ion:105 Resp: 129179
 Ion Ratio Lower Upper
 105 100
 120 49.7 0.0 97.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 4.017 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

Tgt Ion: 75 Resp: 17137
 Ion Ratio Lower Upper
 75 100
 53 96.3 44.3 132.8
 89 63.5 22.4 67.3

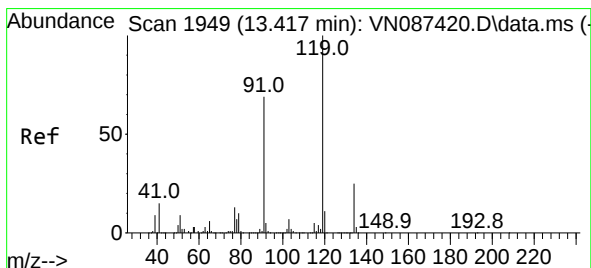
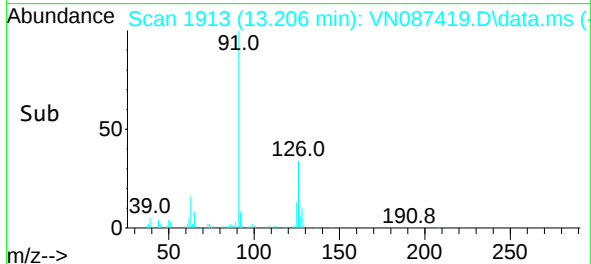
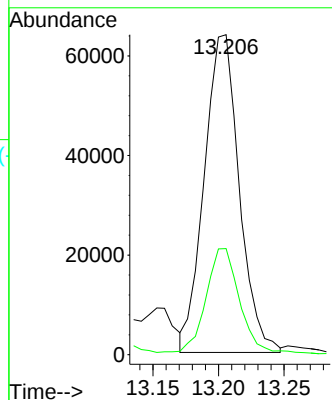
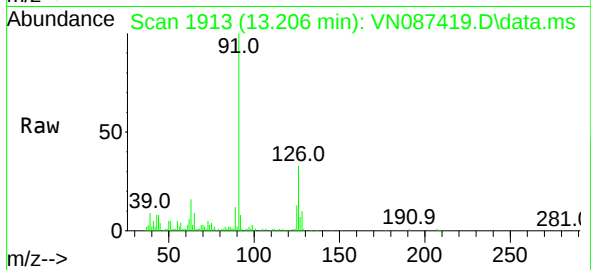




#78
4-Chlorotoluene
Concen: 4.857 ug/l
RT: 13.206 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

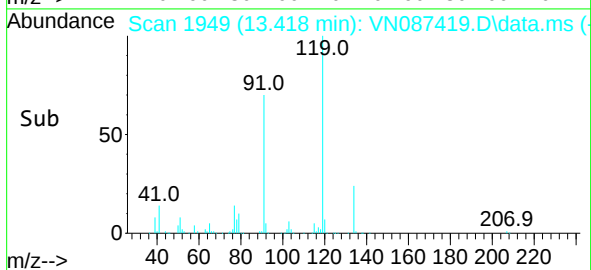
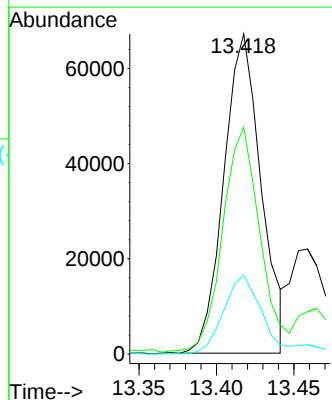
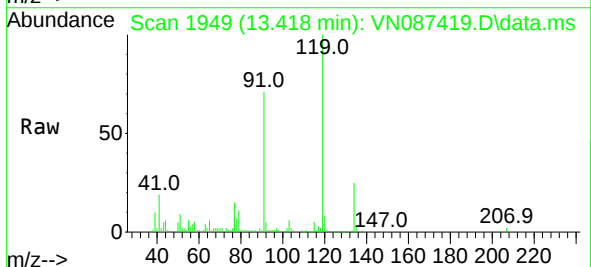
Instrument :
MSVOA_N
ClientSampleId :

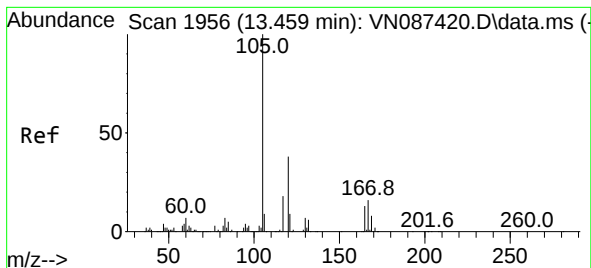
Tgt Ion: 91 Resp: 118459
Ion Ratio Lower Upper
91 100
126 30.2 0.0 63.4



#79
tert-butylbenzene
Concen: 4.847 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

Tgt Ion: 119 Resp: 112446
Ion Ratio Lower Upper
119 100
91 70.2 0.0 135.4
134 24.7 0.0 49.2





#80

1,2,4-Trimethylbenzene

Concen: 4.876 ug/l

RT: 13.465 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

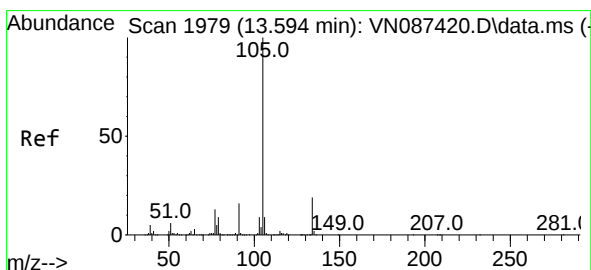
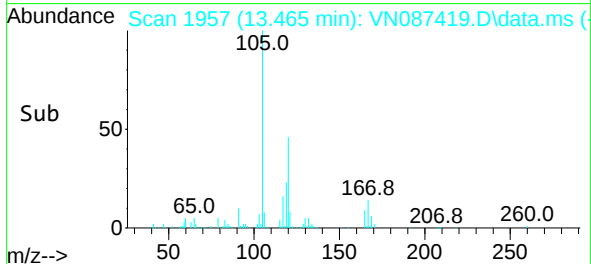
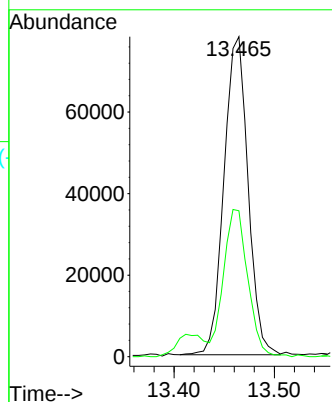
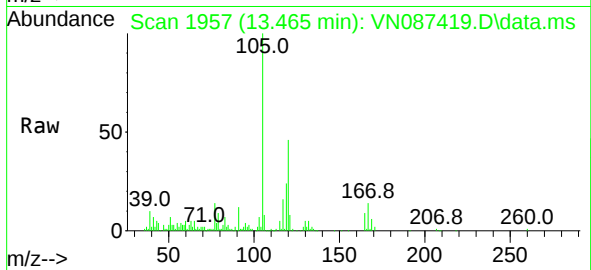
ClientSampleId :

Tgt Ion:105 Resp: 129913

Ion Ratio Lower Upper

105 100

120 46.5 0.0 88.6



#81

sec-Butylbenzene

Concen: 4.894 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087419.D

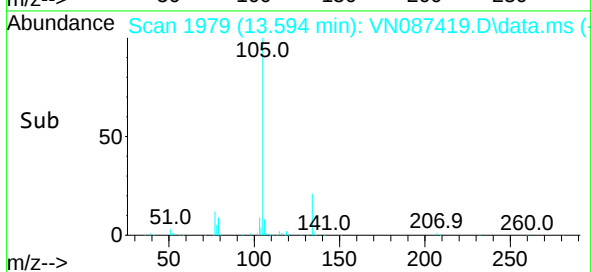
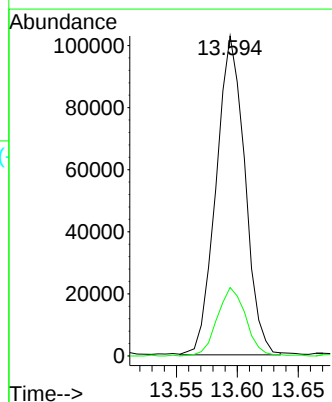
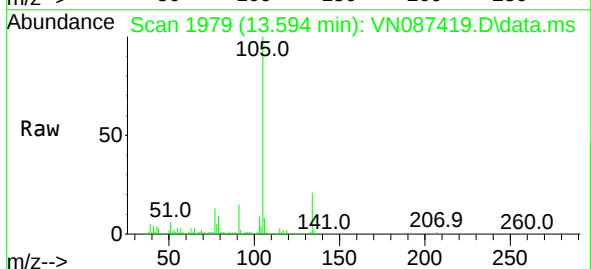
Acq: 28 Jul 2025 09:06

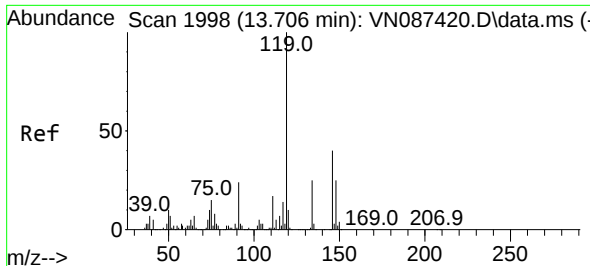
Tgt Ion:105 Resp: 168636

Ion Ratio Lower Upper

105 100

134 21.3 0.0 39.0

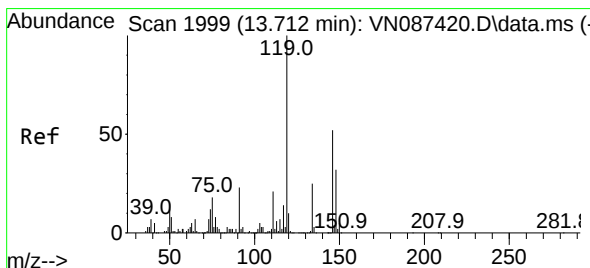
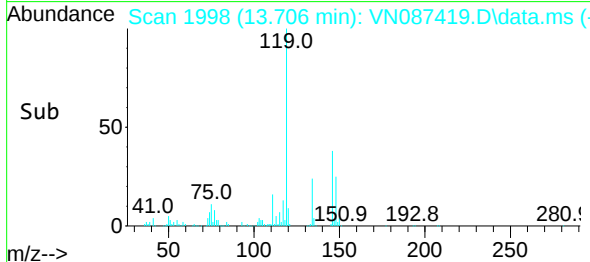
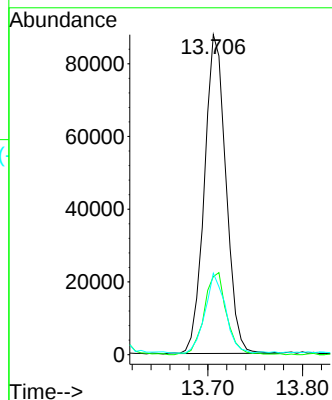
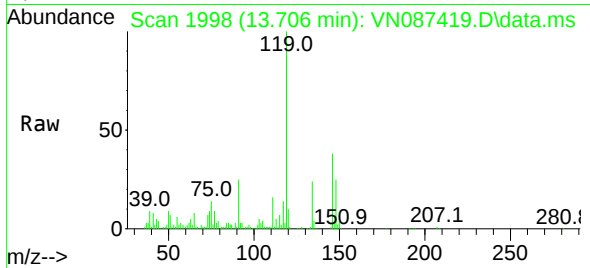




#82
 p-Isopropyltoluene
 Concen: 4.945 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

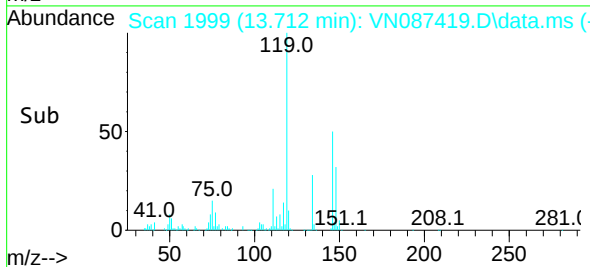
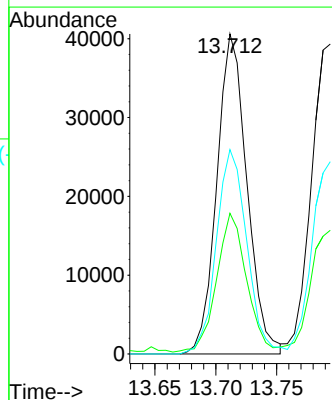
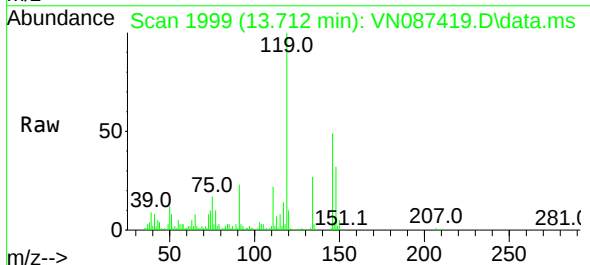
Instrument :
 MSVOA_N
 ClientSampleId :

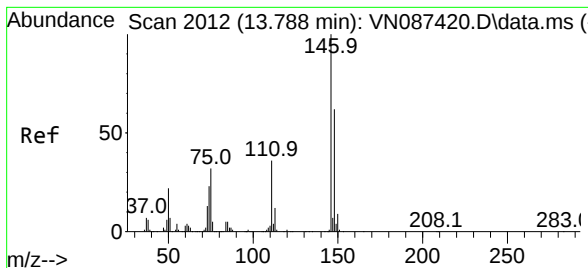
Tgt Ion:119 Resp: 138314
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 50.8
 91 23.5 0.0 47.6



#83
 1,3-Dichlorobenzene
 Concen: 4.905 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

Tgt Ion:146 Resp: 69907
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.9 59.7
 148 64.8 31.9 95.5





#84

1,4-Dichlorobenzene

Concen: 5.009 ug/l

RT: 13.794 min Scan# 2012

Delta R.T. 0.006 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

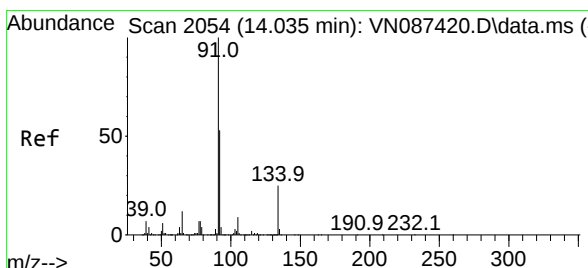
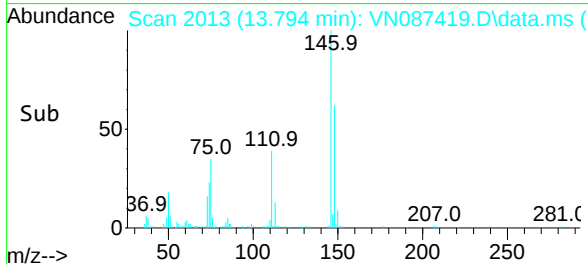
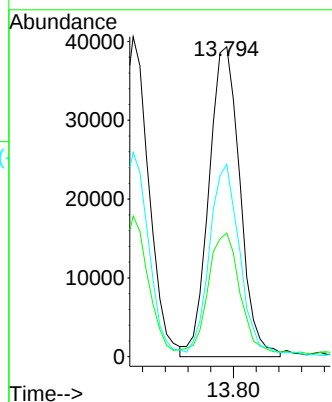
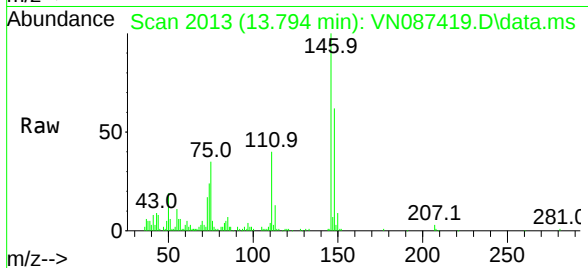
Tgt Ion:146 Resp: 74654

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.3

148 61.1 31.4 94.2



#85

n-Butylbenzene

Concen: 4.965 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087419.D

Acq: 28 Jul 2025 09:06

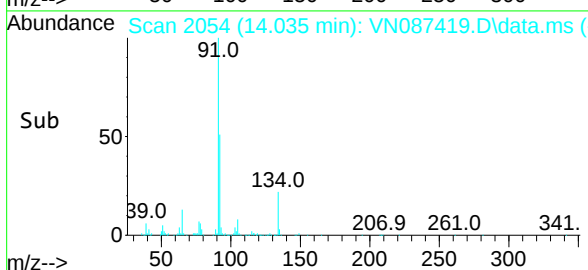
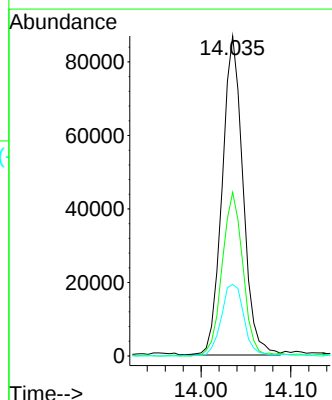
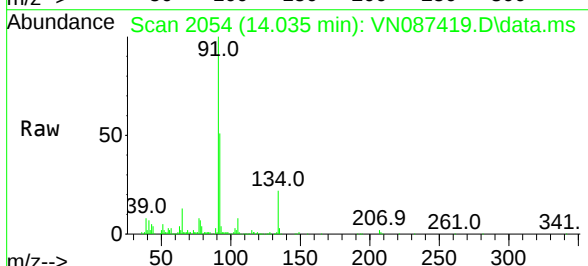
Tgt Ion: 91 Resp: 139856

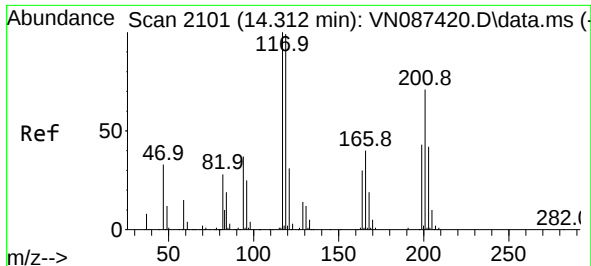
Ion Ratio Lower Upper

91 100

92 51.0 0.0 104.8

134 24.4 0.0 49.0

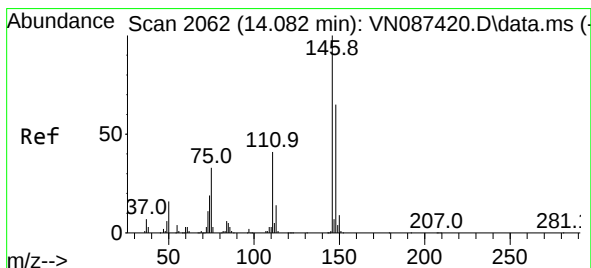
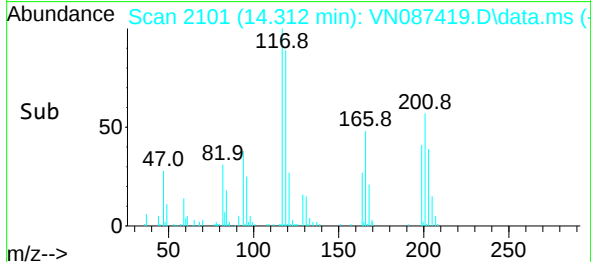
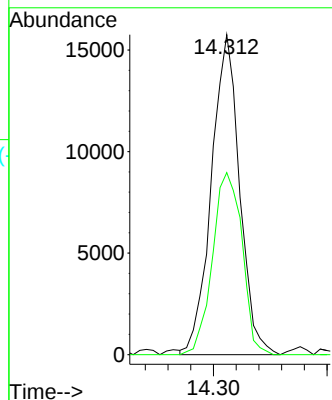
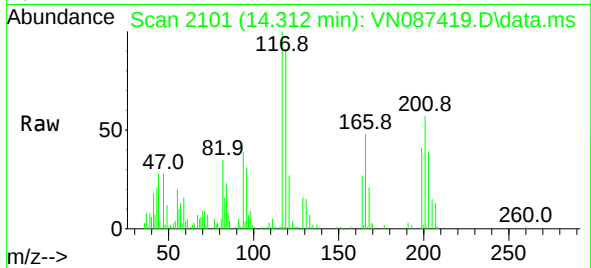




#86
Hexachloroethane
Concen: 4.786 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

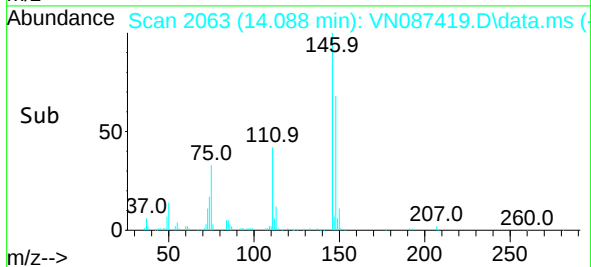
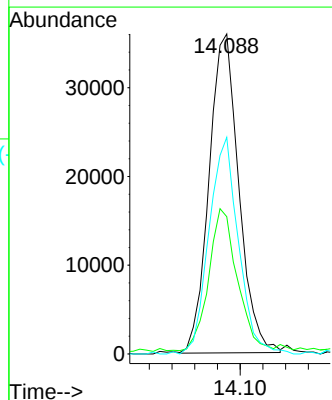
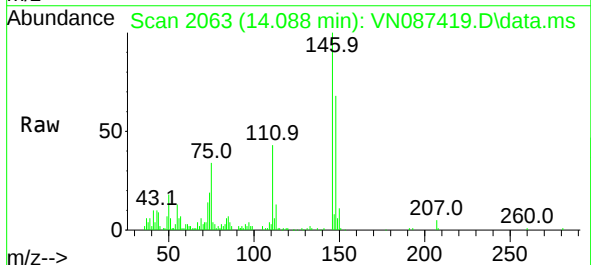
Instrument :
MSVOA_N
ClientSampleId :

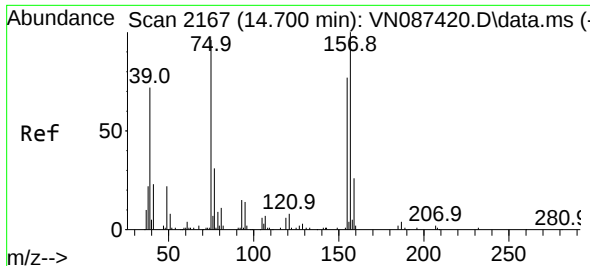
Tgt Ion:117 Resp: 27185
Ion Ratio Lower Upper
117 100
201 59.6 32.7 98.1



#87
1,2-Dichlorobenzene
Concen: 4.729 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

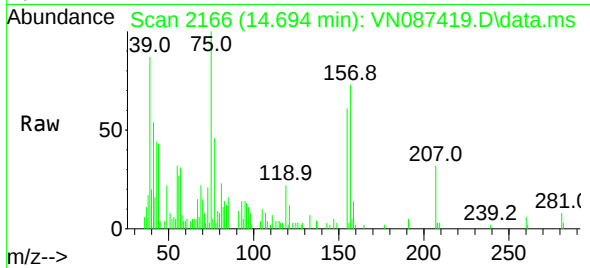
Tgt Ion:146 Resp: 65516
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.9
148 66.9 32.5 97.5



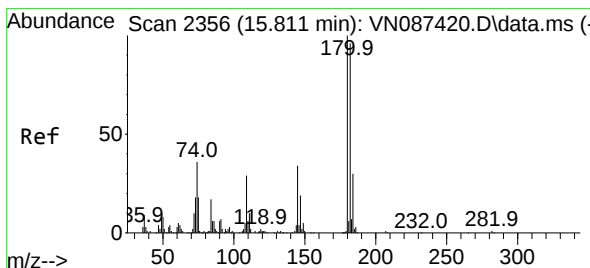
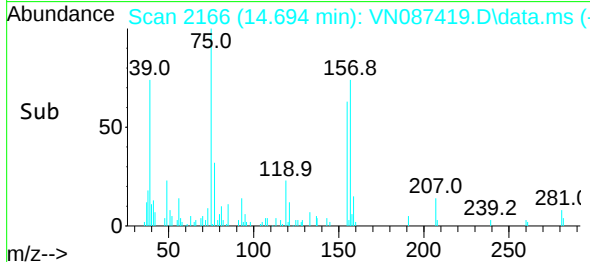
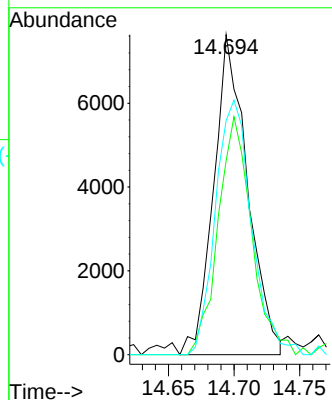


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.374 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

Instrument :
 MSVOA_N
 ClientSampleId :

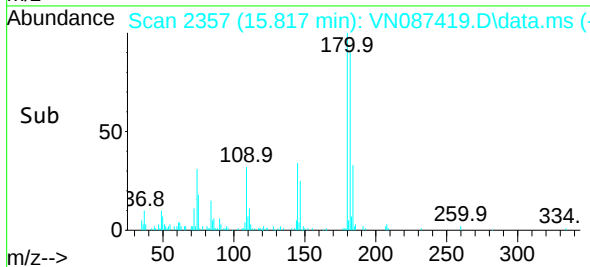
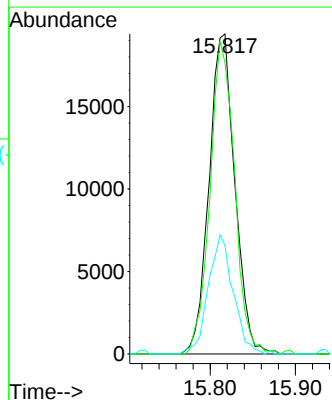
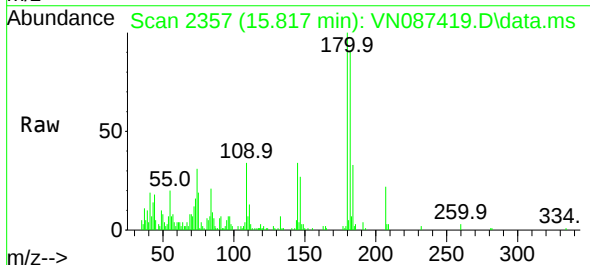


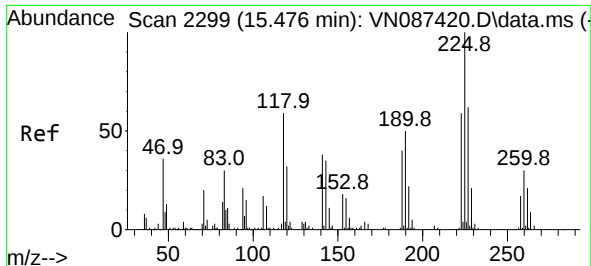
Tgt Ion: 75 Resp: 13709
 Ion Ratio Lower Upper
 75 100
 155 73.8 64.4 96.6
 157 84.3 82.3 123.5



#89
 1,2,4-Trichlorobenzene
 Concen: 4.845 ug/l
 RT: 15.817 min Scan# 2357
 Delta R.T. 0.006 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

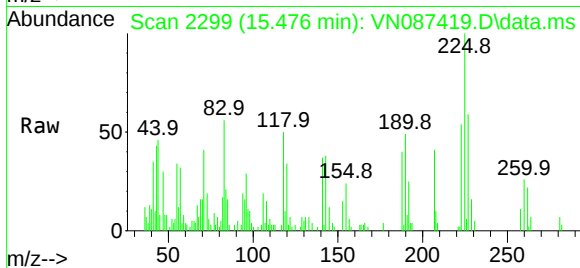
Tgt Ion:180 Resp: 40939
 Ion Ratio Lower Upper
 180 100
 182 92.8 74.7 112.1
 145 35.7 27.4 41.2



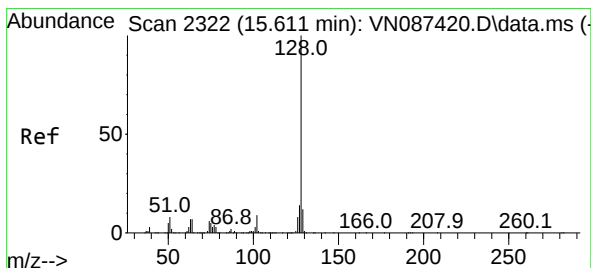
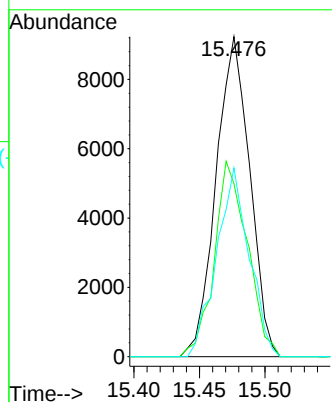
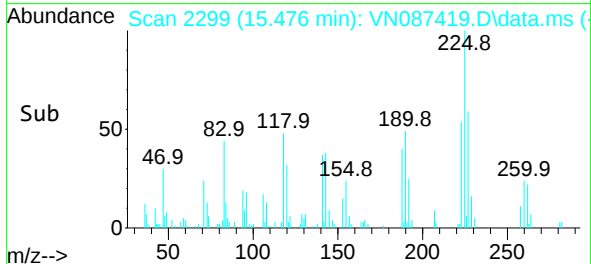


#90
Hexachlorobutadiene
Concen: 5.137 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06

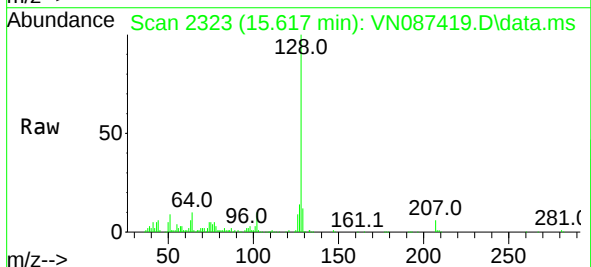
Instrument :
MSVOA_N
ClientSampleId :



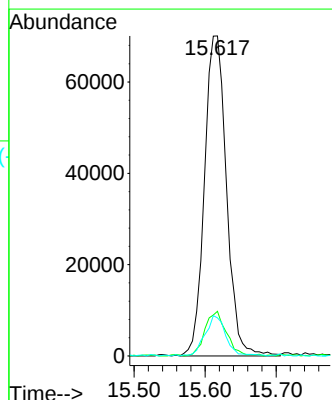
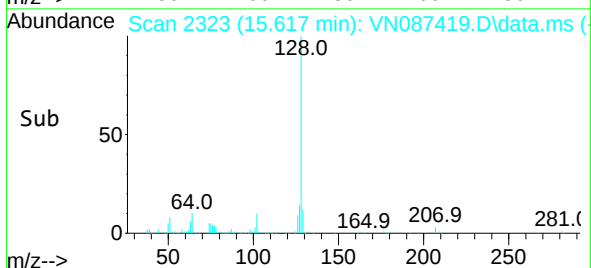
Tgt Ion:225 Resp: 16528
Ion Ratio Lower Upper
225 100
223 59.8 0.0 125.4
227 57.1 0.0 125.0

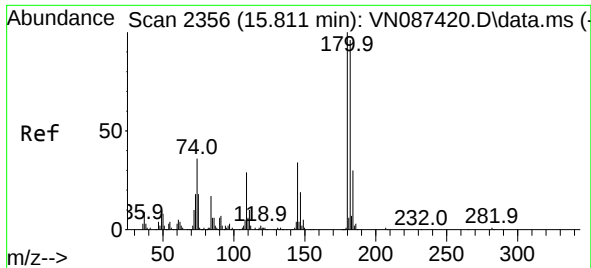


#91
Naphthalene
Concen: 4.745 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087419.D
Acq: 28 Jul 2025 09:06



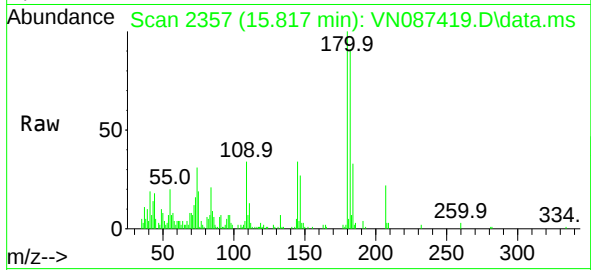
Tgt Ion:128 Resp: 151552
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.6 9.1 13.7





#92
 1,2,3-Trichlorobenzene
 Concen: 4.845 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087419.D
 Acq: 28 Jul 2025 09:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	0.0	186.8
145	35.7	0.0	68.6

