

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
 Data File : VN087899.D
 Acq On : 19 Sep 2025 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 03:00:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	248323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	438441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	407017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	227894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	217271	42.704	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.400%
35) Dibromofluoromethane	8.153	113	170809	53.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.920%
50) Toluene-d8	10.547	98	594585	50.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.829	95	220349	52.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	169086	47.942	ug/l	95
3) Chloromethane	2.383	50	165400	45.634	ug/l	98
4) Vinyl Chloride	2.536	62	174205	41.453	ug/l	95
5) Bromomethane	2.959	94	99554	45.911	ug/l	95
6) Chloroethane	3.130	64	117756	39.868	ug/l	96
7) Trichlorofluoromethane	3.506	101	295868	48.053	ug/l	99
8) Diethyl Ether	3.959	74	108413	40.431	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	165560	47.521	ug/l	93
10) Methyl Iodide	4.577	142	123172	47.674	ug/l	96
11) Tert butyl alcohol	5.524	59	200076	226.517	ug/l	100
12) 1,1-Dichloroethene	4.336	96	162756	45.460	ug/l	90
13) Acrolein	4.171	56	234378	215.845	ug/l	99
14) Allyl chloride	5.006	41	253956	39.143	ug/l	95
15) Acrylonitrile	5.706	53	569015	228.425	ug/l	98
16) Acetone	4.424	43	498760	180.080	ug/l	98
17) Carbon Disulfide	4.695	76	470816	47.768	ug/l #	95
18) Methyl Acetate	5.012	43	287361	49.553	ug/l	96
19) Methyl tert-butyl Ether	5.783	73	608599	45.314	ug/l	98
20) Methylene Chloride	5.265	84	196130	48.931	ug/l	91
21) trans-1,2-Dichloroethene	5.771	96	184724	47.607	ug/l	93
22) Diisopropyl ether	6.653	45	613662	43.830	ug/l	95
23) Vinyl Acetate	6.589	43	2784264	218.584	ug/l	98
24) 1,1-Dichloroethane	6.553	63	349833	45.572	ug/l	100
25) 2-Butanone	7.471	43	793577	217.786	ug/l	97
26) 2,2-Dichloropropane	7.477	77	309136	46.920	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	221783	47.812	ug/l	95
28) Bromochloromethane	7.794	49	155208	41.822	ug/l	89
29) Tetrahydrofuran	7.824	42	519271	221.436	ug/l	96
30) Chloroform	7.947	83	374508	47.797	ug/l	99
31) Cyclohexane	8.236	56	302109	47.208	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	323477	48.715	ug/l	97
36) 1,1-Dichloropropene	8.353	75	250965	51.678	ug/l	97
37) Ethyl Acetate	7.547	43	321266	48.412	ug/l	98
38) Carbon Tetrachloride	8.341	117	277786	57.935	ug/l	98
39) Methylcyclohexane	9.583	83	292491	54.706	ug/l	99
40) Benzene	8.588	78	791690	53.151	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	160948	46.821	ug/l	97
42) 1,2-Dichloroethane	8.653	62	278283	48.618	ug/l	99
43) Isopropyl Acetate	8.671	43	503265	48.575	ug/l	98
44) Trichloroethene	9.330	130	189913	55.846	ug/l	98
45) 1,2-Dichloropropane	9.600	63	197063	50.192	ug/l	99
46) Dibromomethane	9.688	93	152468	54.571	ug/l	94
47) Bromodichloromethane	9.865	83	301912	52.726	ug/l	99
48) Methyl methacrylate	9.659	41	229946	46.922	ug/l	96
49) 1,4-Dioxane	9.683	88	74786	1177.380	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	1600519	256.042	ug/l	98
52) Toluene	10.612	92	502994	54.471	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	306736	51.752	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	318857	51.811	ug/l	94
55) 1,1,2-Trichloroethane	11.000	97	192248	53.818	ug/l	96
56) Ethyl methacrylate	10.853	69	303937	53.240	ug/l	97
57) 1,3-Dichloropropane	11.141	76	328878	52.022	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	760770	246.213	ug/l	94
59) 2-Hexanone	11.177	43	1084253	274.451	ug/l	98
60) Dibromochloromethane	11.335	129	233319	56.370	ug/l	99
61) 1,2-Dibromoethane	11.447	107	204764	54.362	ug/l	99
64) Tetrachloroethene	11.082	164	158388	56.090	ug/l	92
65) Chlorobenzene	11.871	112	547095	54.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	198198	58.958	ug/l	98
67) Ethyl Benzene	11.941	91	962428	54.895	ug/l	99
68) m/p-Xylenes	12.047	106	747891	116.315	ug/l	96
69) o-Xylene	12.377	106	357251	56.695	ug/l	96
70) Styrene	12.388	104	611918	57.965	ug/l	98
71) Bromoform	12.559	173	161364	62.589	ug/l #	96
73) Isopropylbenzene	12.671	105	934891	50.767	ug/l	99
74) N-amyl acetate	12.500	43	161120	23.087	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.918	83	302050	47.641	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	407169	76.188	ug/l	58
77) Bromobenzene	12.959	156	224327	51.664	ug/l	91
78) n-propylbenzene	13.012	91	1143521	50.413	ug/l	99
79) 2-Chlorotoluene	13.106	91	667096	48.870	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	794709	50.871	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	98318	48.704	ug/l	87
82) 4-Chlorotoluene	13.200	91	689384	48.034	ug/l	95
83) tert-Butylbenzene	13.418	119	681203	52.327	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	811685	51.903	ug/l	100
85) sec-Butylbenzene	13.594	105	1018276	52.709	ug/l	99
86) p-Isopropyltoluene	13.706	119	862592	54.073	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	456968	53.442	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	448599	50.414	ug/l	97
89) n-Butylbenzene	14.035	91	815427	51.468	ug/l	99
90) Hexachloroethane	14.312	117	164516	54.131	ug/l	88
91) 1,2-Dichlorobenzene	14.082	146	420568	51.845	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	68917	45.758	ug/l	91
93) 1,2,4-Trichlorobenzene	15.365	180	260759	53.530	ug/l	99
94) Hexachlorobutadiene	15.476	225	98149	56.517	ug/l	99
95) Naphthalene	15.612	128	852011	49.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	246335	51.728	ug/l	98

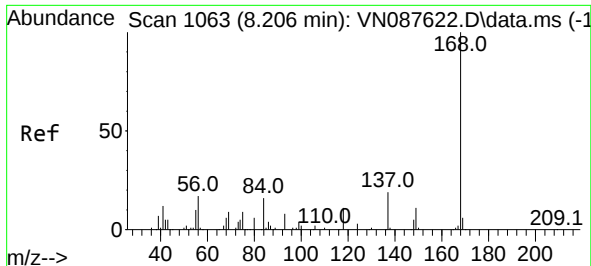
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Quant Title : SW846 8260
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Response via : Initial Calibration

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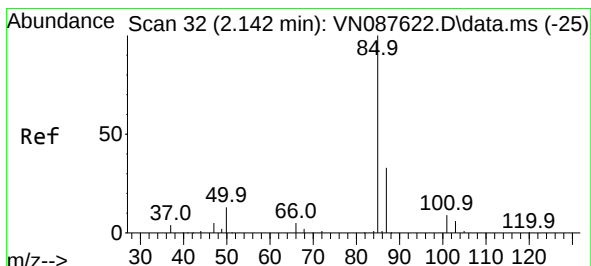
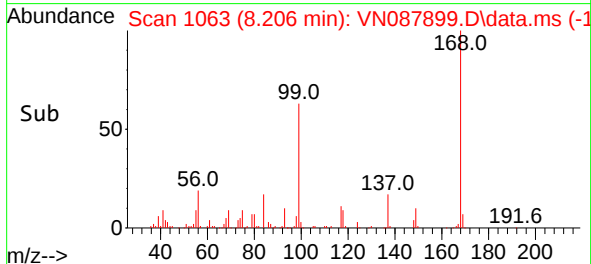
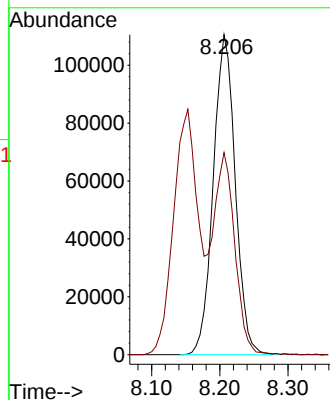
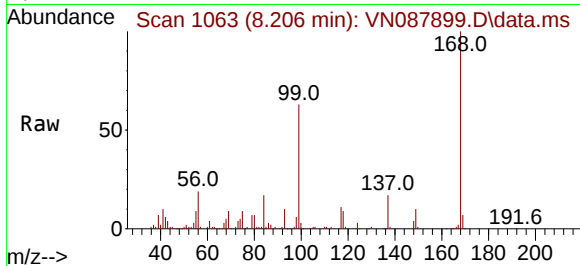
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

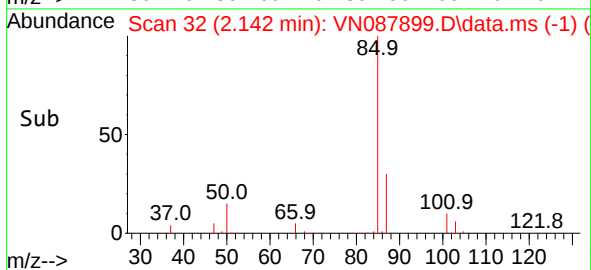
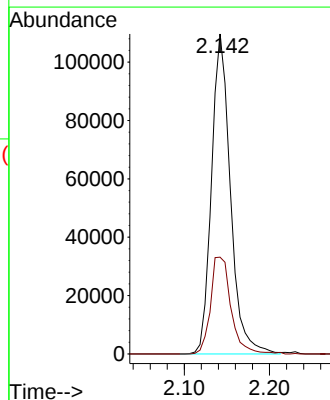
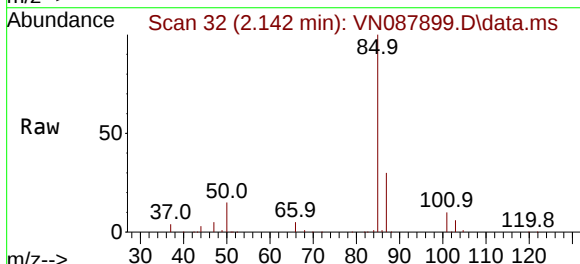
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ClientSampleId :

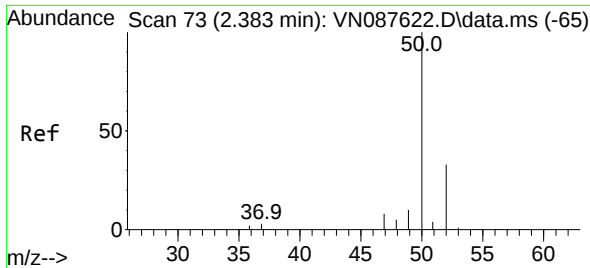
Tgt Ion:168 Resp: 248323
Ion Ratio Lower Upper
168 100
99 63.0 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 47.942 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 85 Resp: 169086
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.8

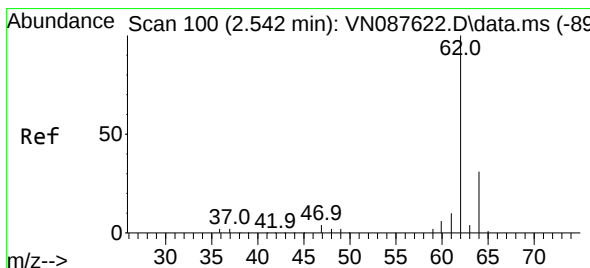
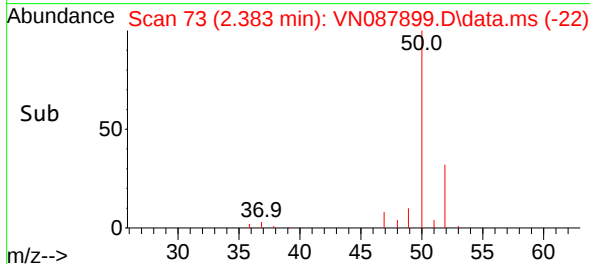
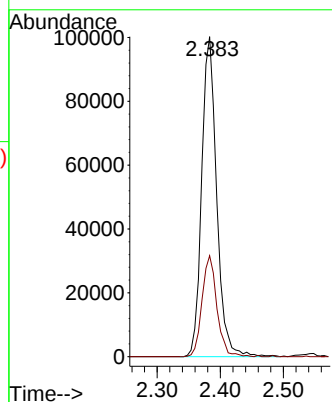
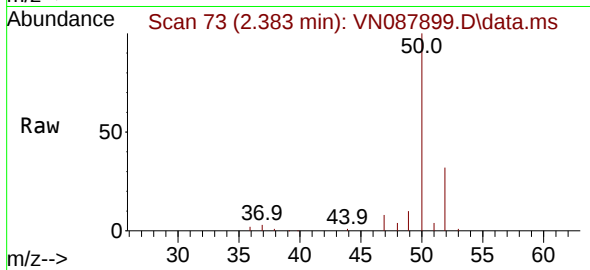




#3
Chloromethane
Concen: 45.634 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

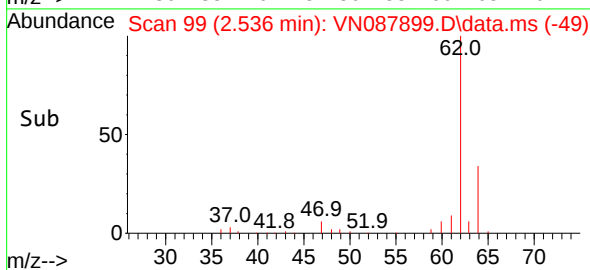
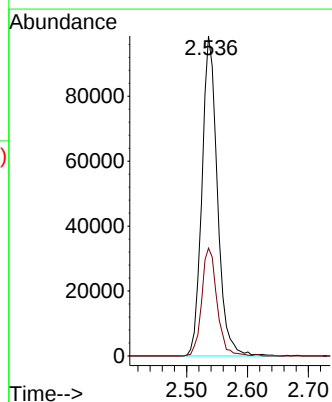
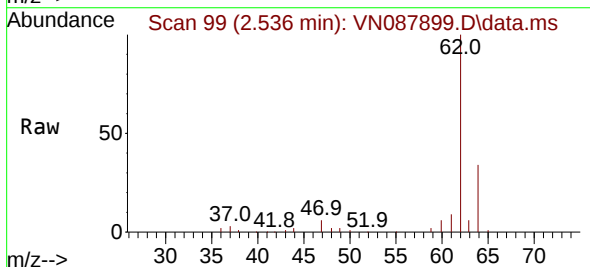
Instrument :
MSVOA_N
ClientSampleId :

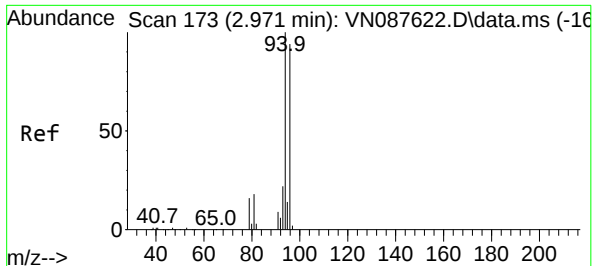
Tgt Ion: 50 Resp: 165400
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4



#4
Vinyl Chloride
Concen: 41.453 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 62 Resp: 174205
Ion Ratio Lower Upper
62 100
64 33.7 24.6 37.0

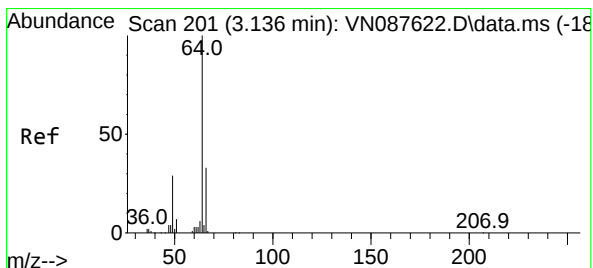
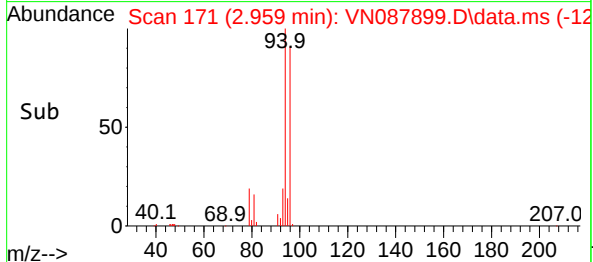
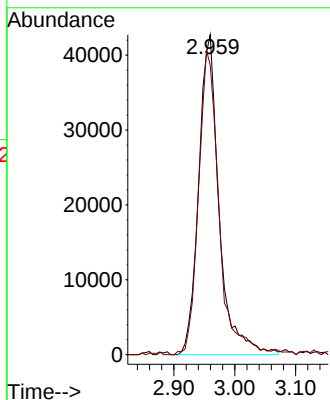
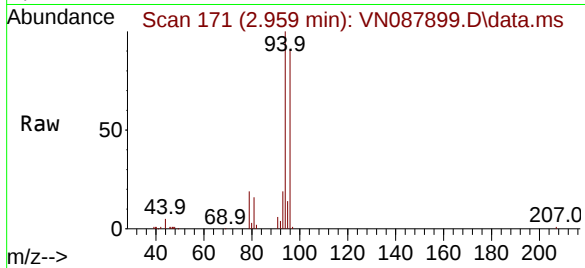




#5
Bromomethane
Concen: 45.911 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

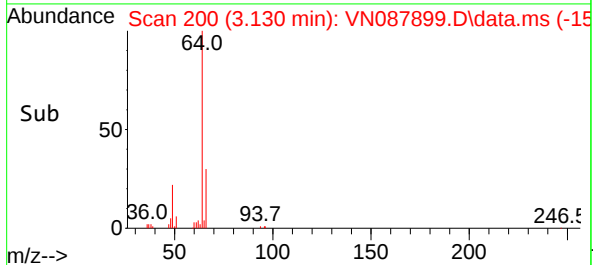
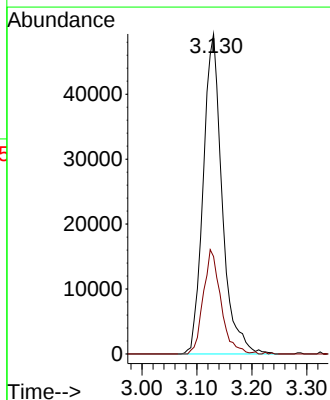
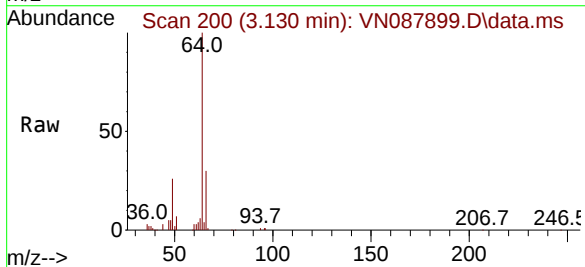
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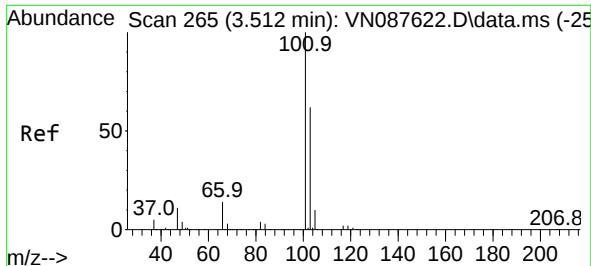
Tgt Ion: 94 Resp: 99554
Ion Ratio Lower Upper
94 100
96 89.5 75.4 113.2



#6
Chloroethane
Concen: 39.868 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 64 Resp: 117756
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.2

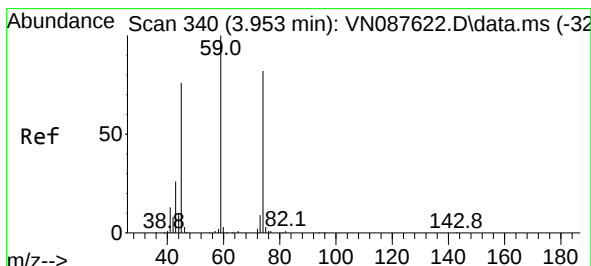
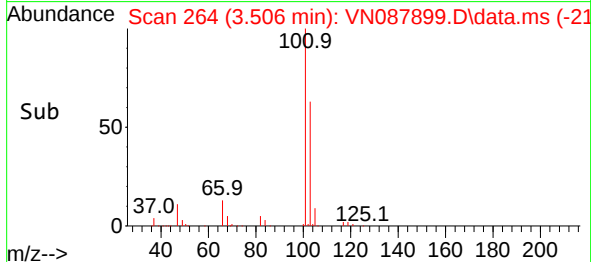
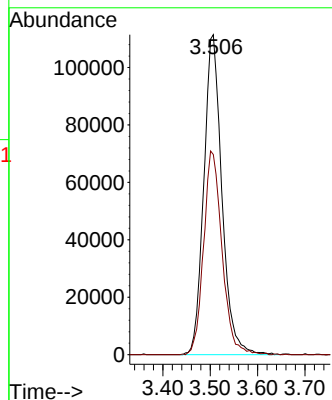
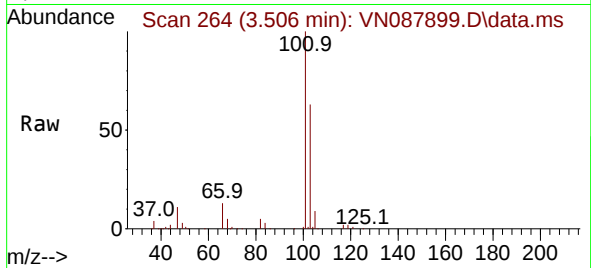




#7
 Trichlorofluoromethane
 Concen: 48.053 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

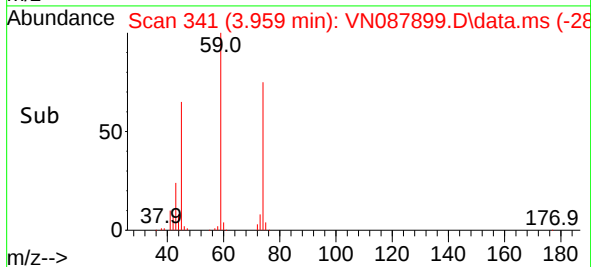
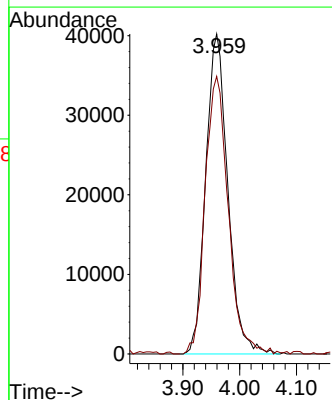
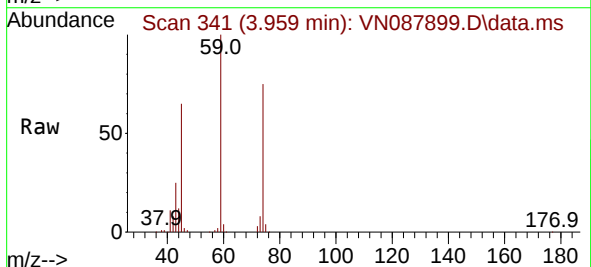
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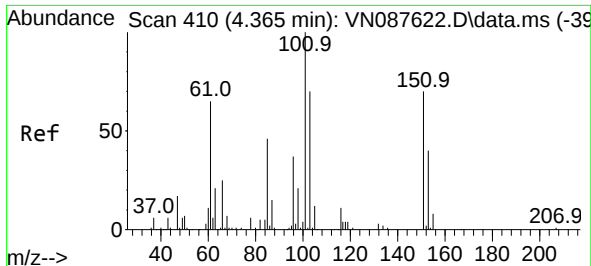
Tgt Ion:101 Resp: 295868
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.4 74.0



#8
 Diethyl Ether
 Concen: 40.431 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Tgt Ion: 74 Resp: 108413
 Ion Ratio Lower Upper
 74 100
 45 90.8 50.6 151.9

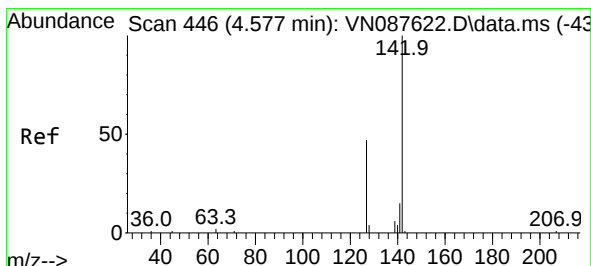
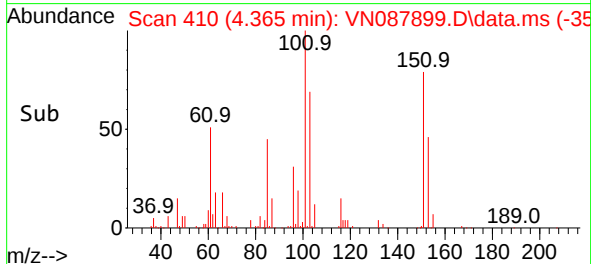
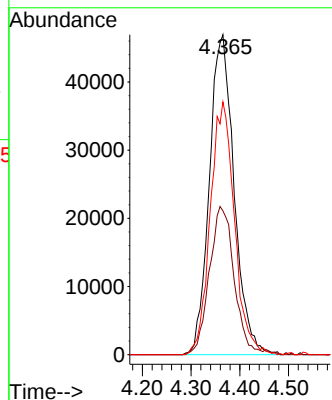
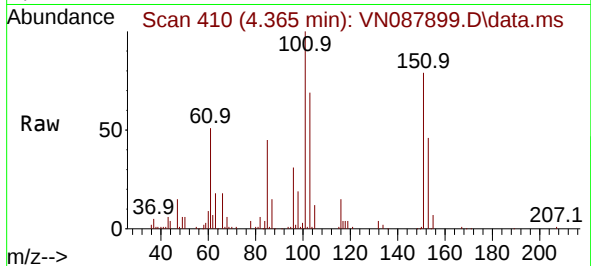




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.521 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

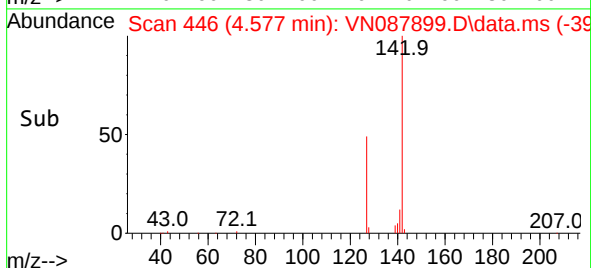
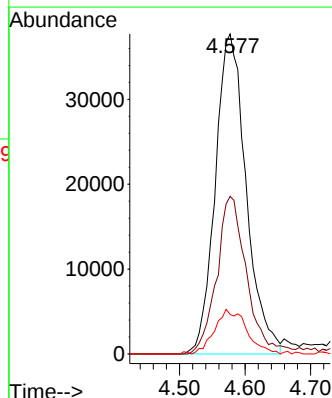
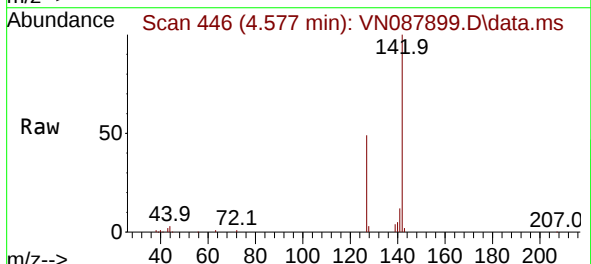
Instrument :
MSVOA_N
ClientSampleId :

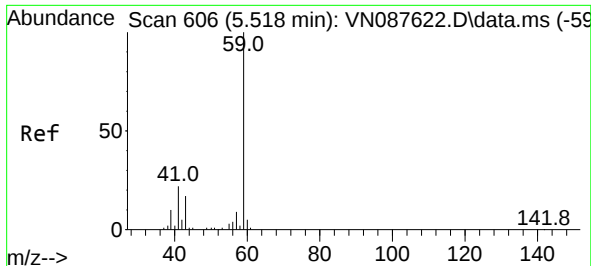
Tgt Ion:101 Resp: 165560
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 77.3 54.7 82.1



#10
Methyl Iodide
Concen: 47.674 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:142 Resp: 123172
Ion Ratio Lower Upper
142 100
127 49.2 38.0 57.0
141 12.3 12.0 18.0

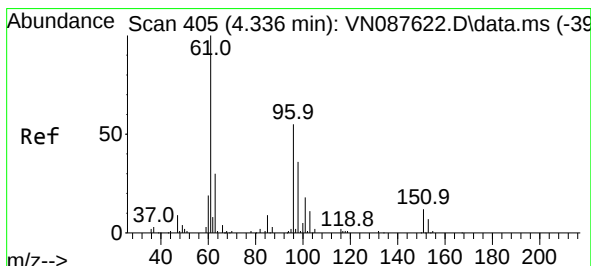
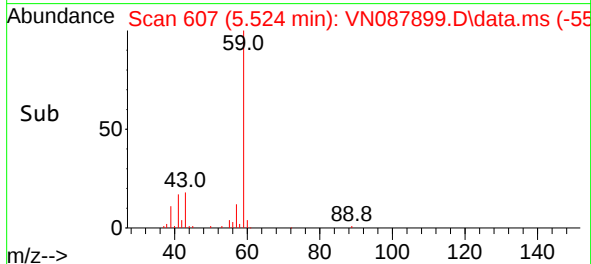
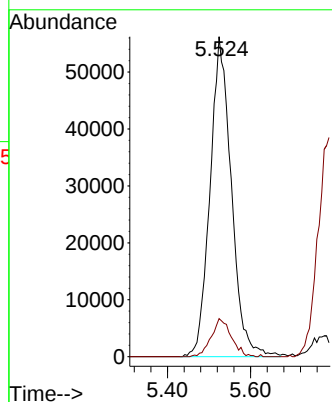
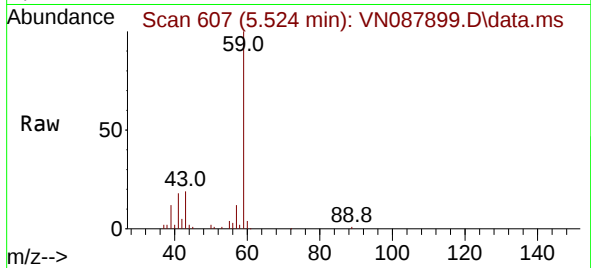




#11
Tert butyl alcohol
Concen: 226.517 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

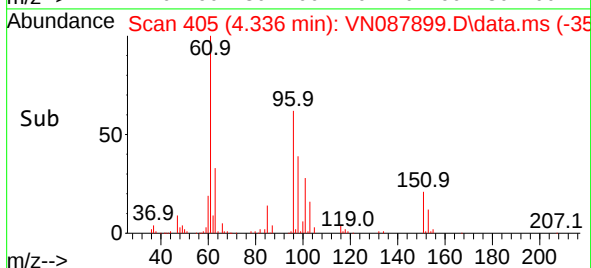
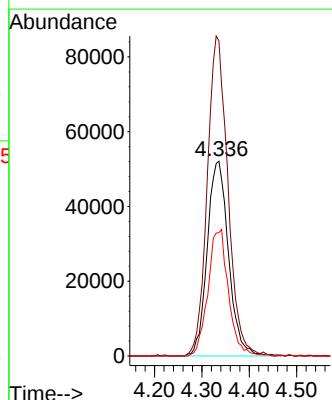
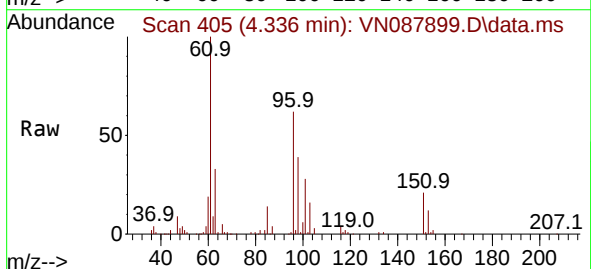
Instrument :
MSVOA_N
ClientSampleId :

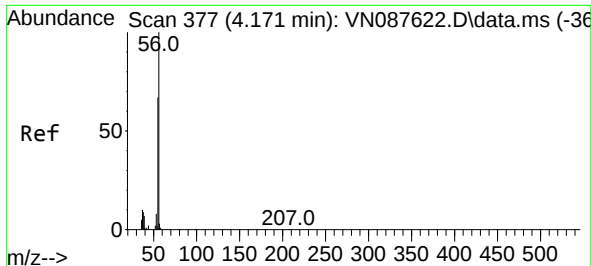
Tgt Ion: 59 Resp: 200076
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 45.460 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 96 Resp: 162756
Ion Ratio Lower Upper
96 100
61 161.7 143.8 215.8
98 63.0 52.1 78.1

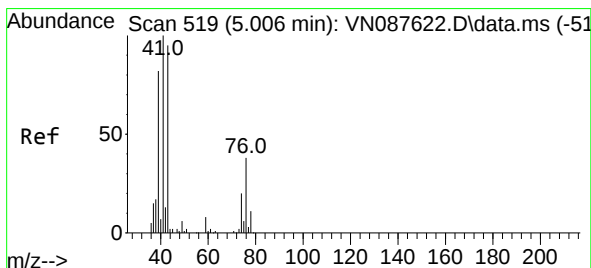
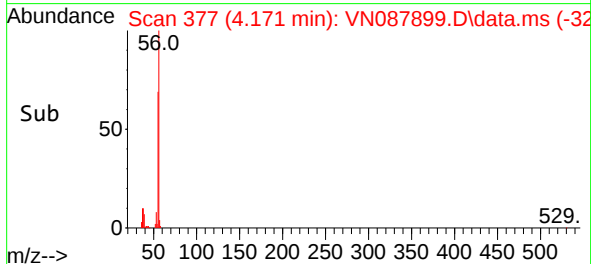
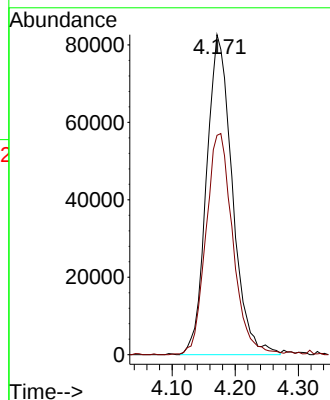
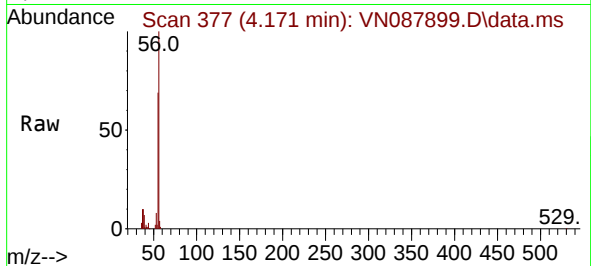




#13
Acrolein
Concen: 215.845 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

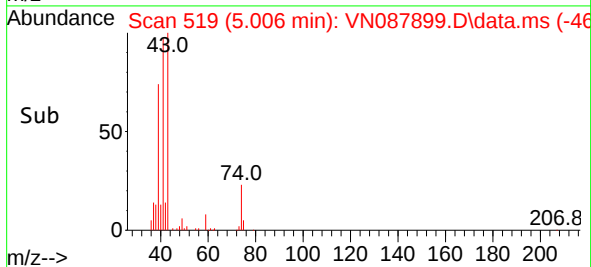
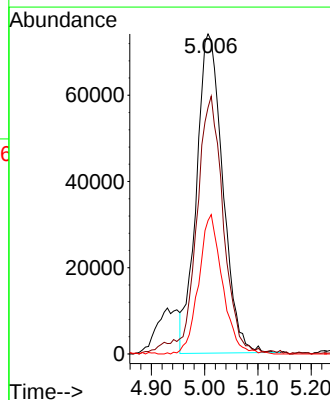
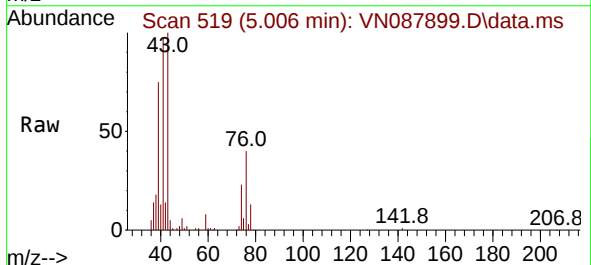
Instrument :
MSVOA_N
ClientSampleId :

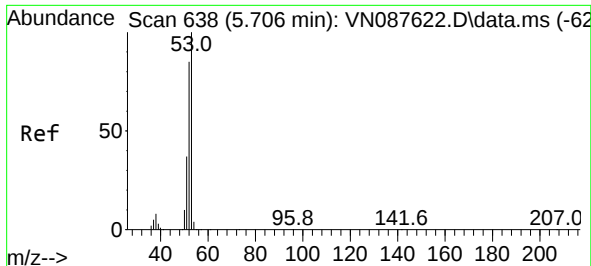
Tgt Ion: 56 Resp: 234378
Ion Ratio Lower Upper
56 100
55 72.1 57.3 85.9



#14
Allyl chloride
Concen: 39.143 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

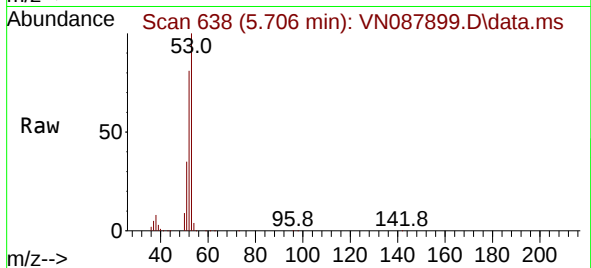
Tgt Ion: 41 Resp: 253956
Ion Ratio Lower Upper
41 100
39 82.7 63.9 95.9
76 39.6 28.1 42.1



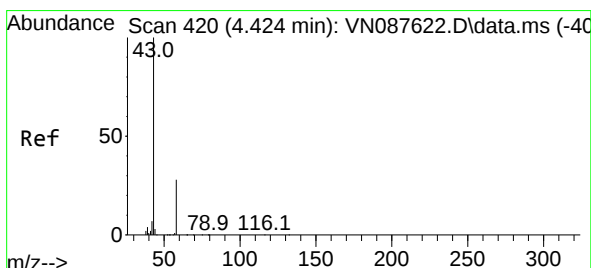
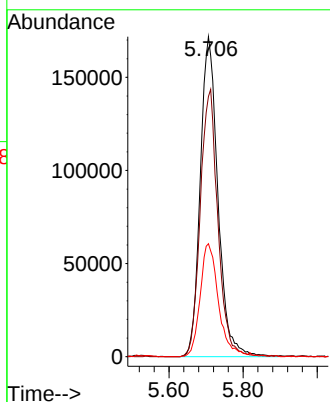
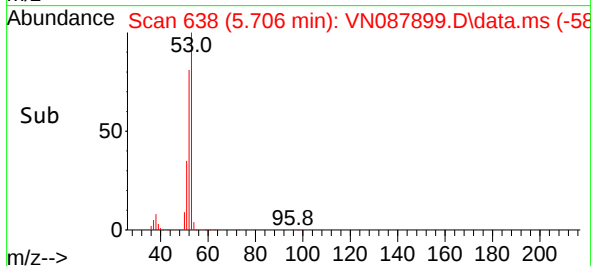


#15
Acrylonitrile
Concen: 228.425 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :

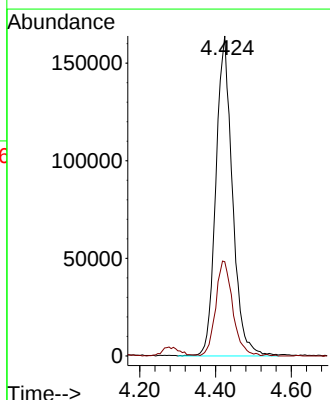
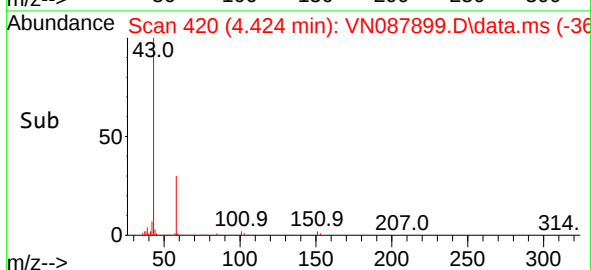
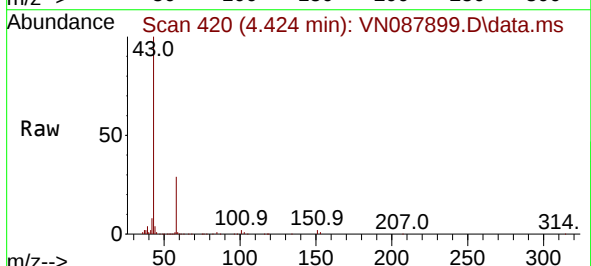


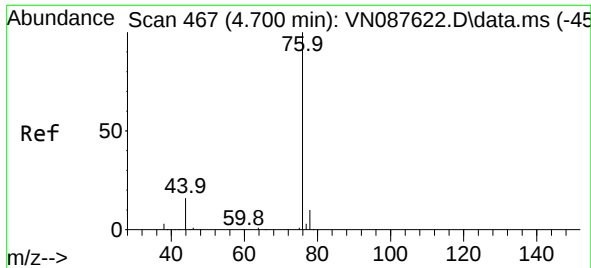
Tgt Ion: 53 Resp: 569015
Ion Ratio Lower Upper
53 100
52 82.9 67.6 101.4
51 36.5 30.1 45.1



#16
Acetone
Concen: 180.080 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 43 Resp: 498760
Ion Ratio Lower Upper
43 100
58 29.4 22.6 33.8

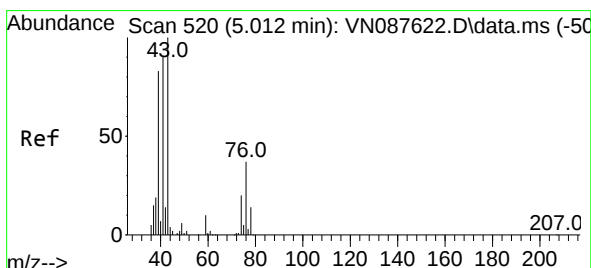
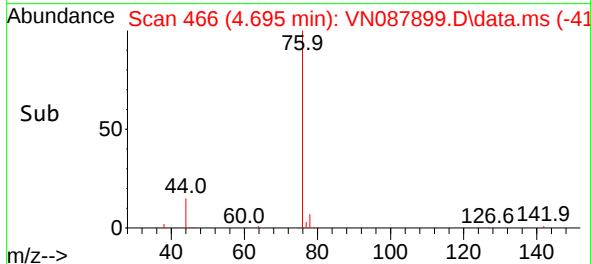
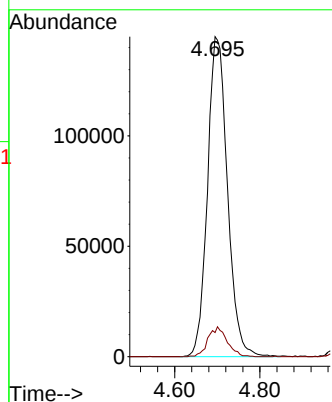
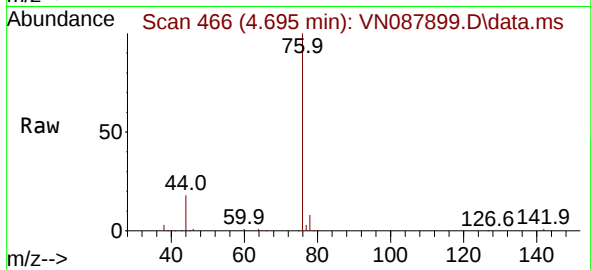




#17
Carbon Disulfide
Concen: 47.768 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

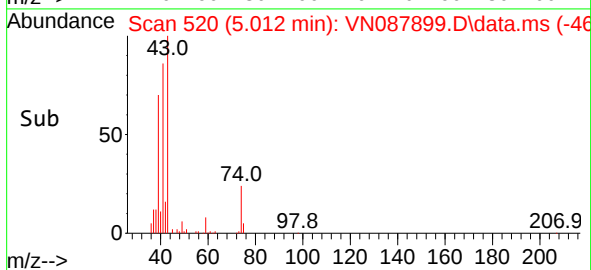
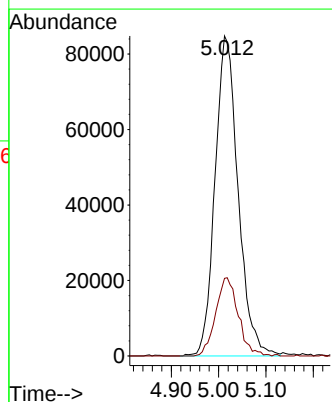
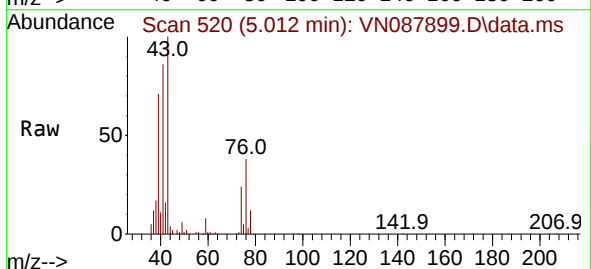
Instrument :
MSVOA_N
ClientSampleId :

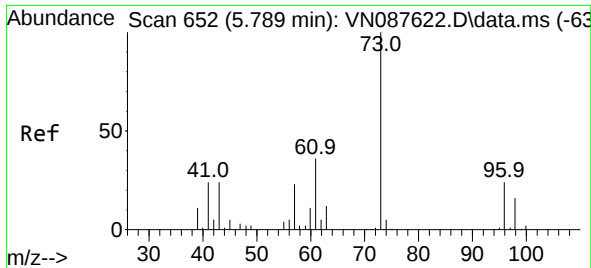
Tgt Ion: 76 Resp: 470816
Ion Ratio Lower Upper
76 100
78 7.6 7.6 11.4#



#18
Methyl Acetate
Concen: 49.553 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 43 Resp: 287361
Ion Ratio Lower Upper
43 100
74 23.9 17.6 26.4

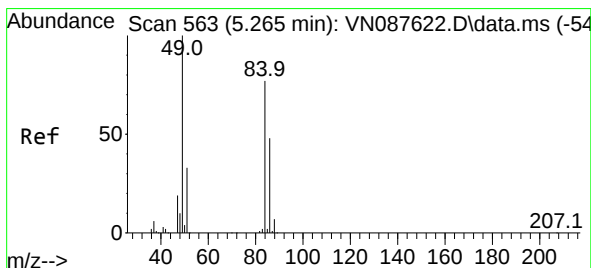
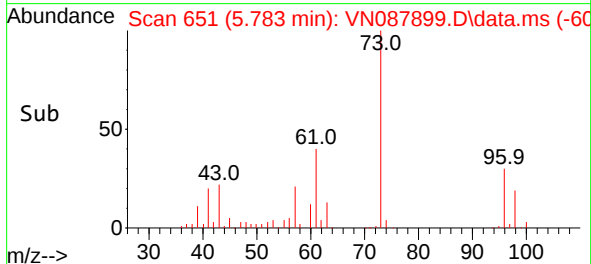
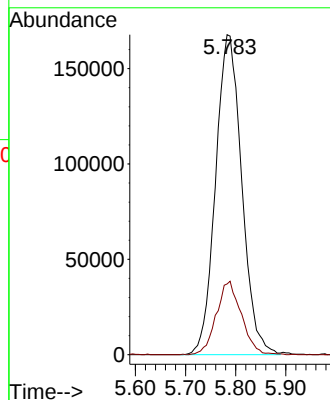
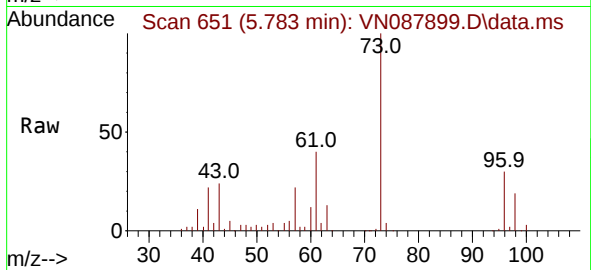




#19
Methyl tert-butyl Ether
Concen: 45.314 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

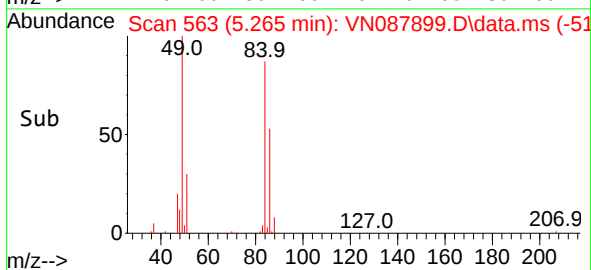
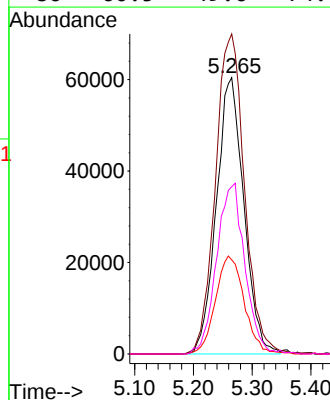
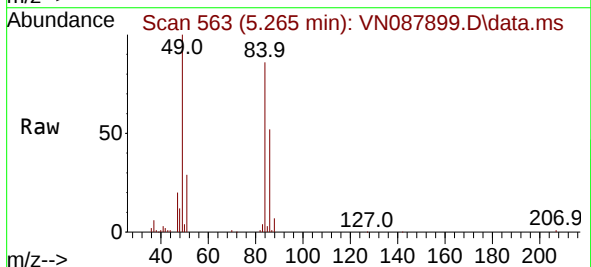
Instrument :
MSVOA_N
ClientSampleId :

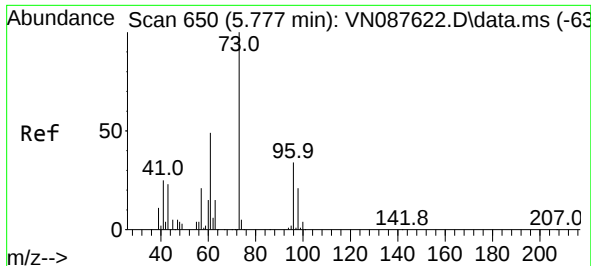
Tgt Ion: 73 Resp: 608599
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 48.931 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

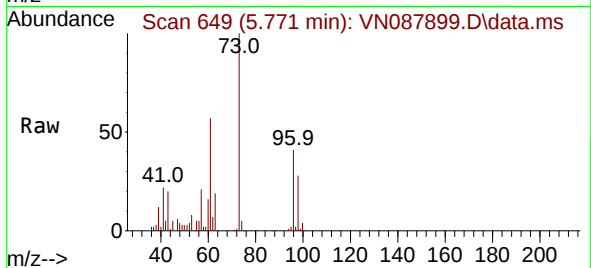
Tgt Ion: 84 Resp: 196130
Ion Ratio Lower Upper
84 100
49 115.8 103.4 155.2
51 34.1 33.8 50.8
86 60.5 49.6 74.4



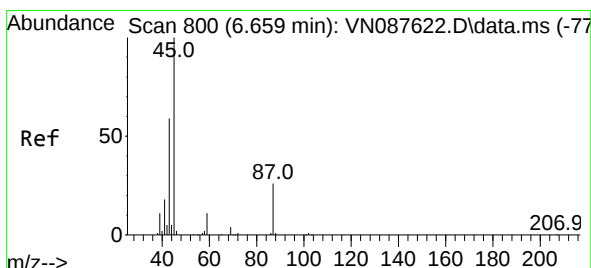
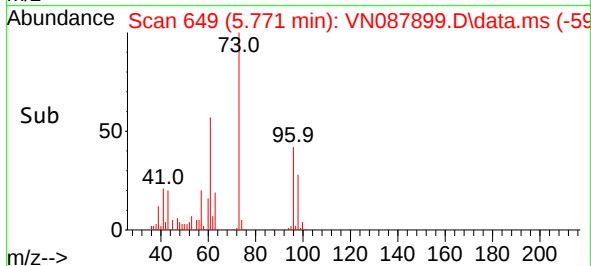
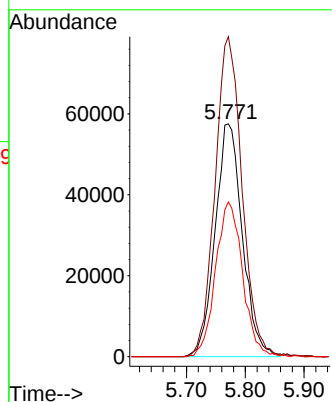


#21
trans-1,2-Dichloroethene
Concen: 47.607 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :

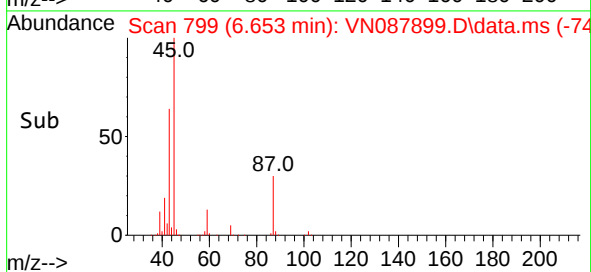
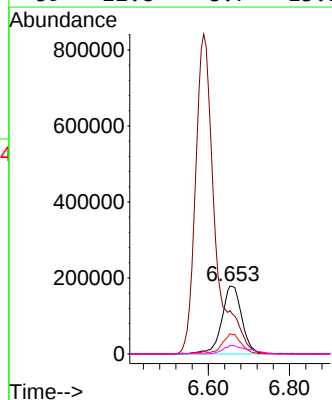
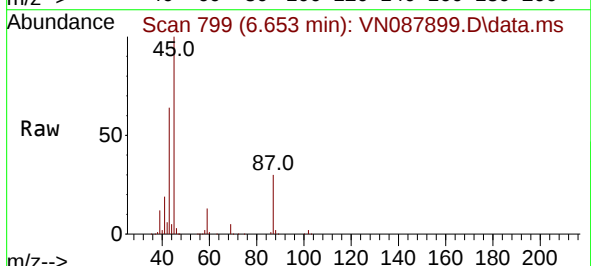


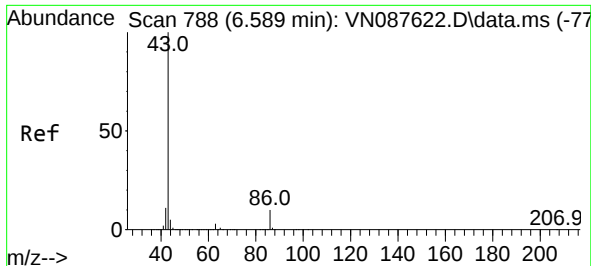
Tgt Ion: 96 Resp: 184724
Ion Ratio Lower Upper
96 100
61 137.5 118.0 177.0
98 66.5 50.0 75.0



#22
Diisopropyl ether
Concen: 43.830 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 45 Resp: 613662
Ion Ratio Lower Upper
45 100
43 63.0 47.7 71.5
87 29.5 21.4 32.0
59 12.8 8.7 13.1

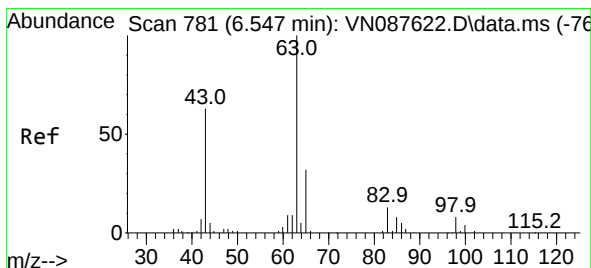
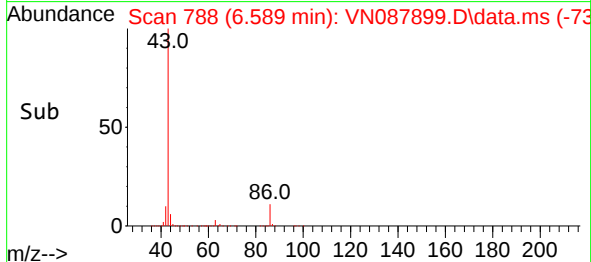
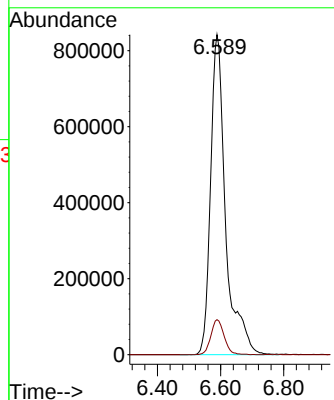
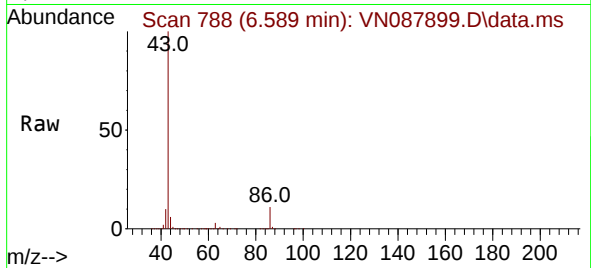




#23
 Vinyl Acetate
 Concen: 218.584 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

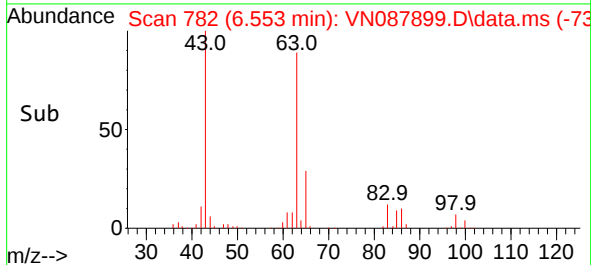
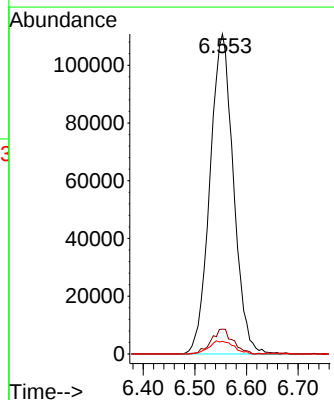
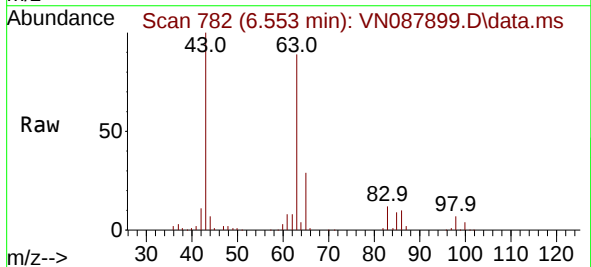
Instrument :
 MSVOA_N
 ClientSampleId :

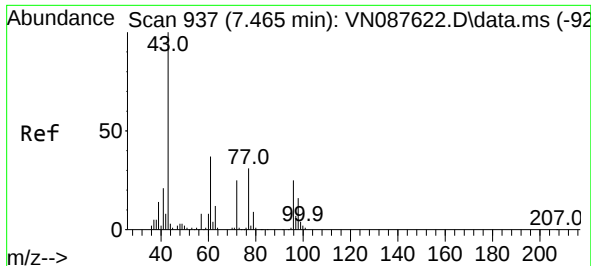
Tgt Ion: 43 Resp: 2784264
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 45.572 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Tgt Ion: 63 Resp: 349833
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.0 2.0 6.0

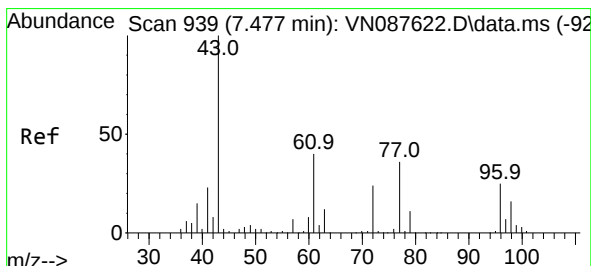
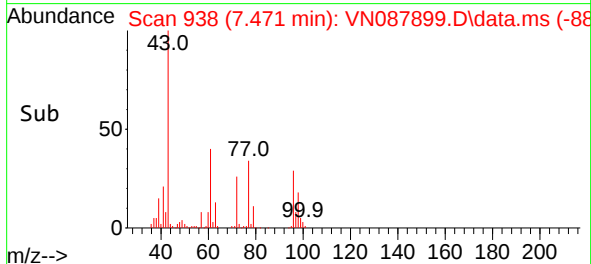
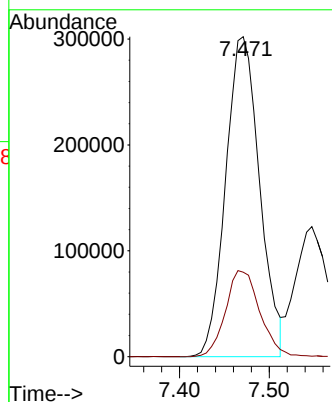
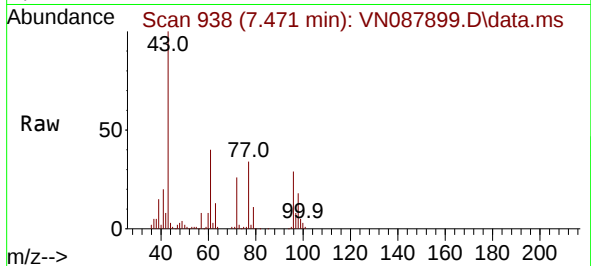




#25
2-Butanone
Concen: 217.786 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

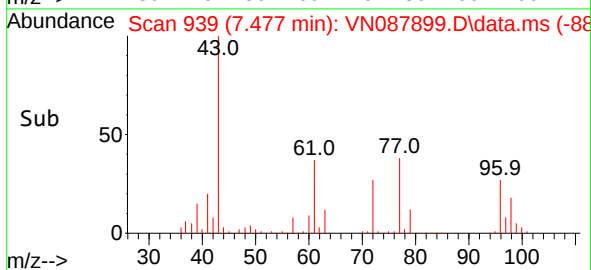
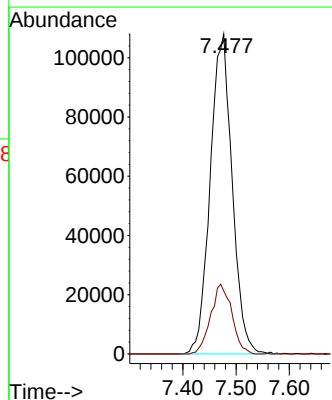
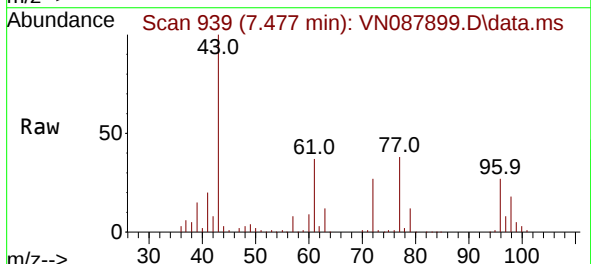
Instrument :
MSVOA_N
ClientSampleId :

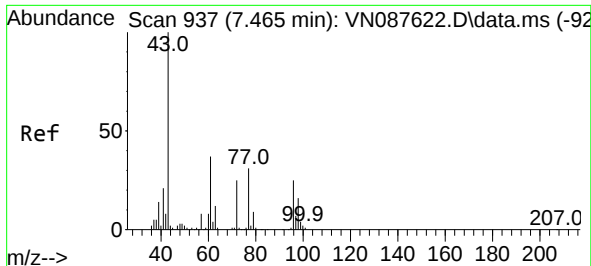
Tgt Ion: 43 Resp: 793577
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 46.920 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

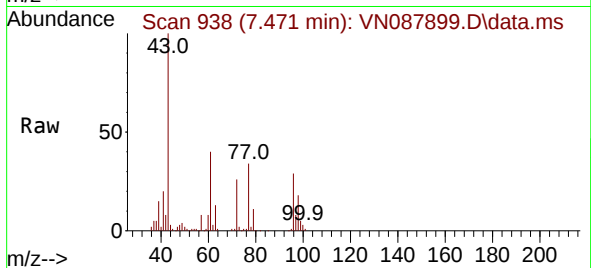
Tgt Ion: 77 Resp: 309136
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7



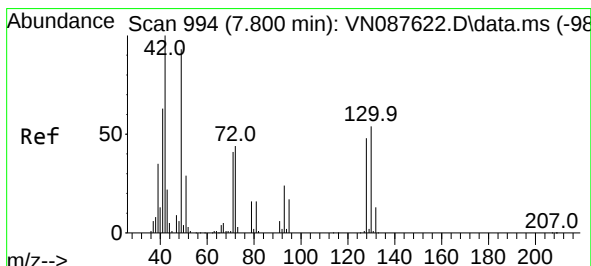
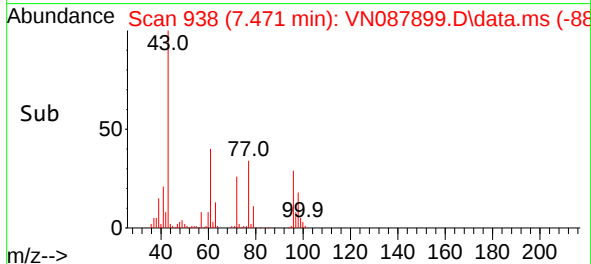
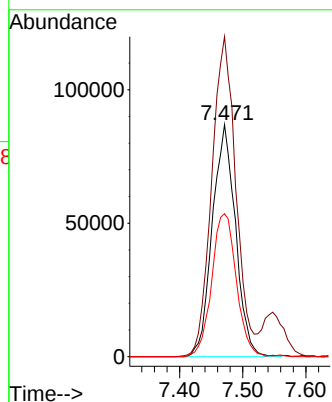


#27
 cis-1,2-Dichloroethene
 Concen: 47.812 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Instrument :
 MSVOA_N
 ClientSampleId :

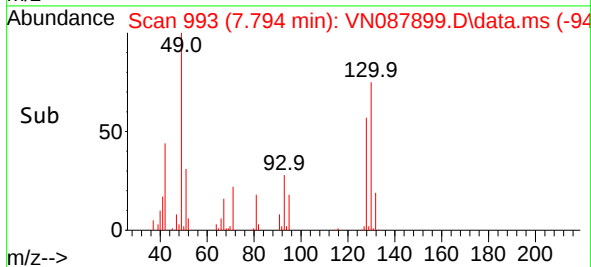
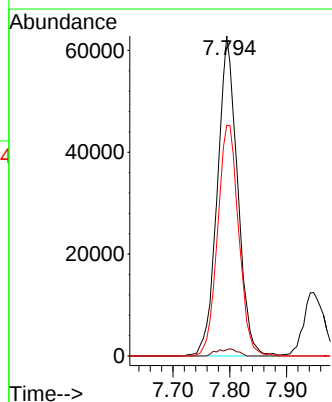
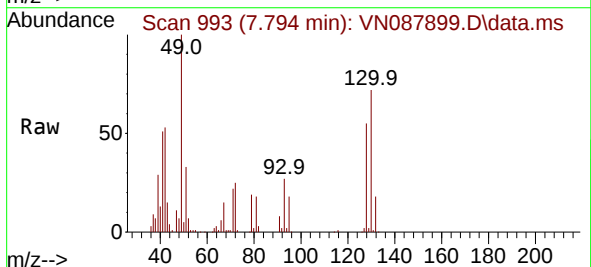


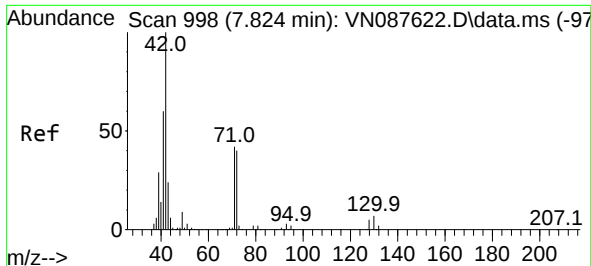
Tgt Ion: 96 Resp: 221783
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 301.8
 98 65.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 41.822 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Tgt Ion: 49 Resp: 155208
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.0
 130 75.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 221.436 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

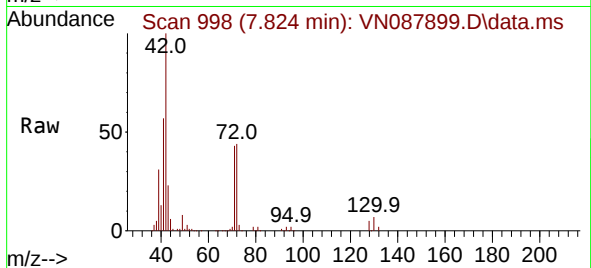
Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

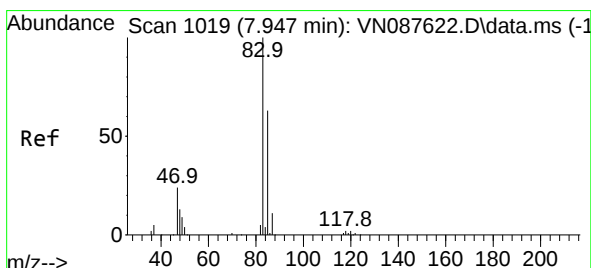
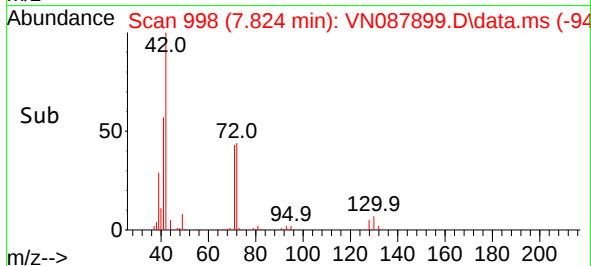
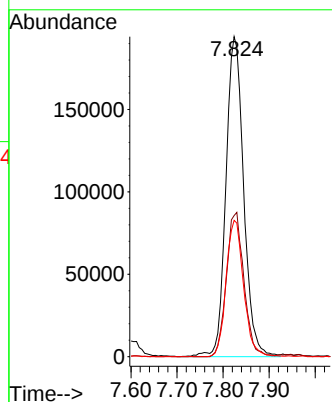
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	519271
Ion	Ratio	Lower	Upper
42	100		
72	44.5	33.7	50.5
71	41.9	31.9	47.9



#30

Chloroform

Concen: 47.797 ug/l

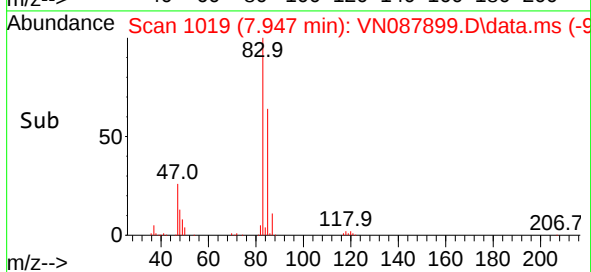
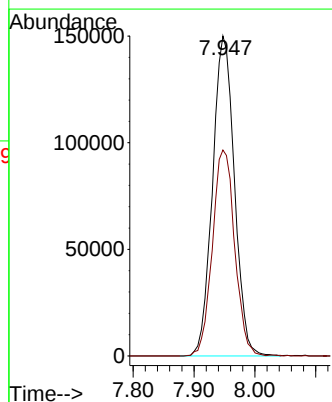
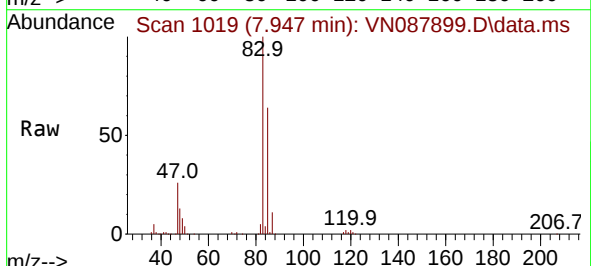
RT: 7.947 min Scan# 1019

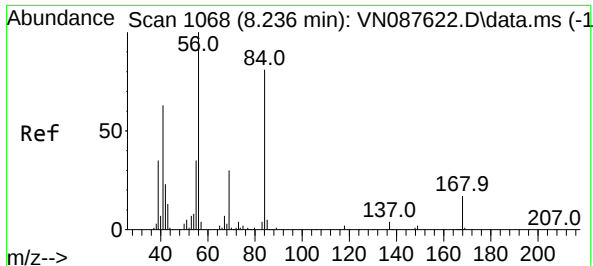
Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

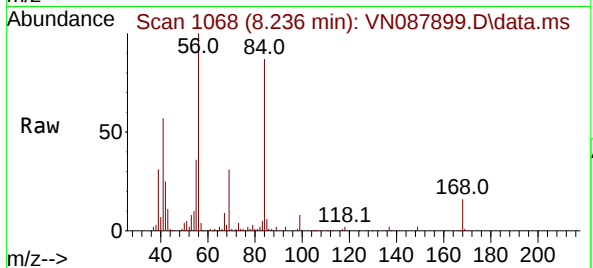
Tgt Ion:	83	Resp:	374508
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1



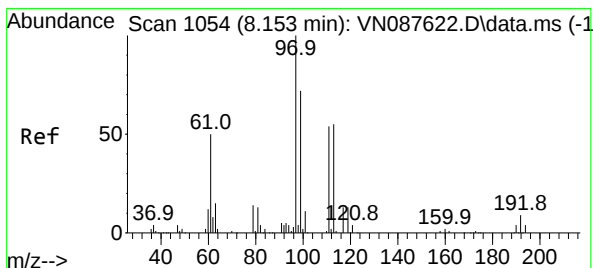
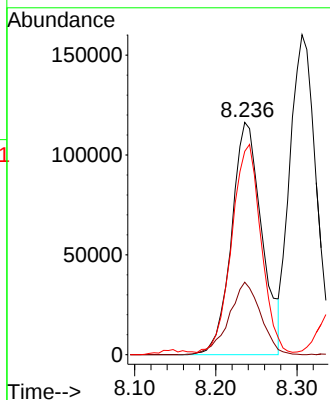
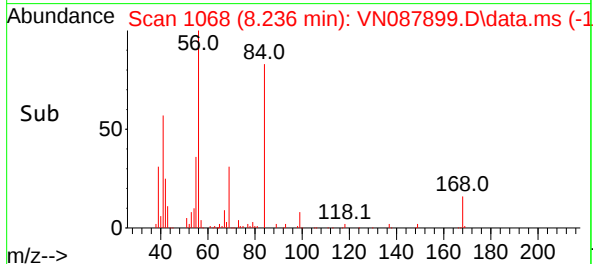


#31
Cyclohexane
Concen: 47.208 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

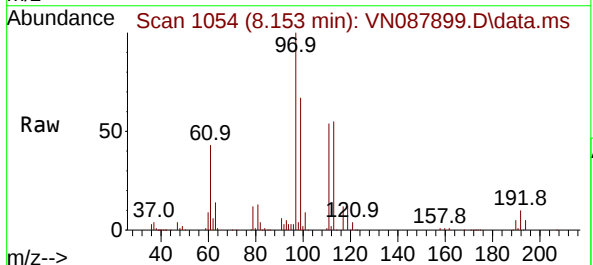
Instrument :
MSVOA_N
ClientSampleId :



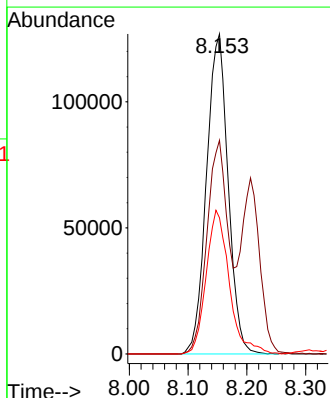
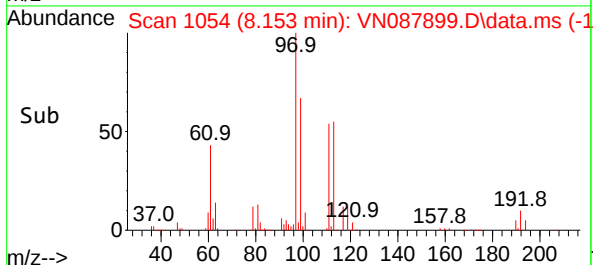
Tgt Ion: 56 Resp: 302109
Ion Ratio Lower Upper
56 100
69 31.2 23.7 35.5
84 86.3 64.7 97.1

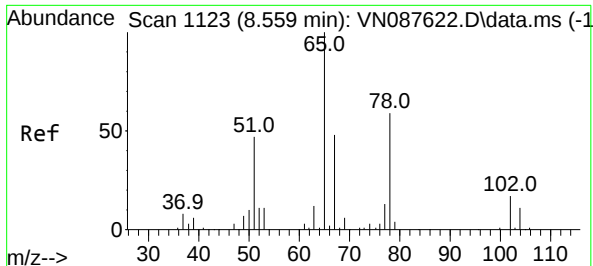


#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10



Tgt Ion: 97 Resp: 323477
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 48.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.704 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

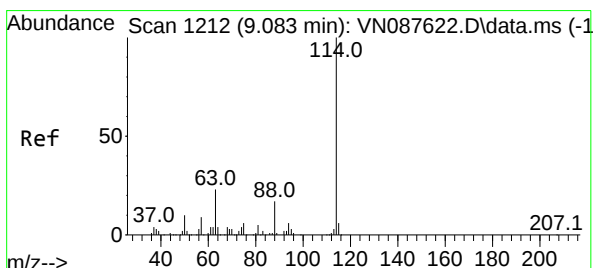
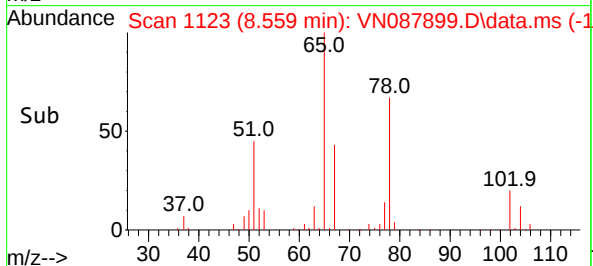
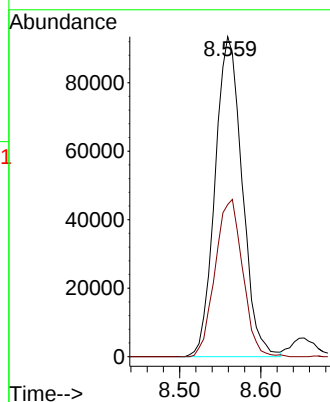
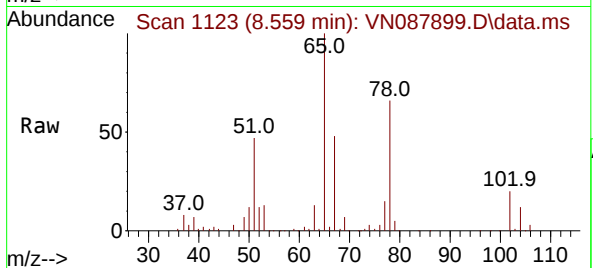
ClientSampleId :

Tgt Ion: 65 Resp: 217271

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

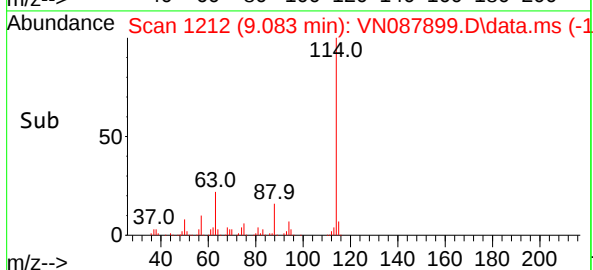
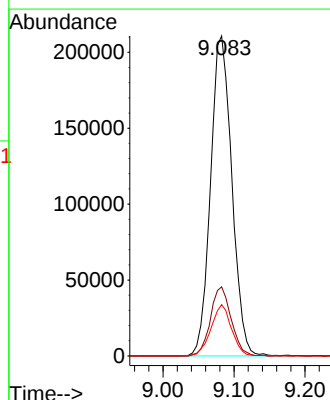
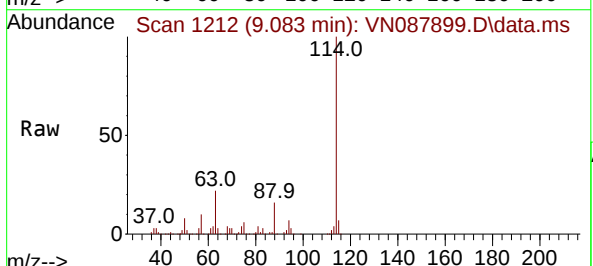
Tgt Ion: 114 Resp: 438441

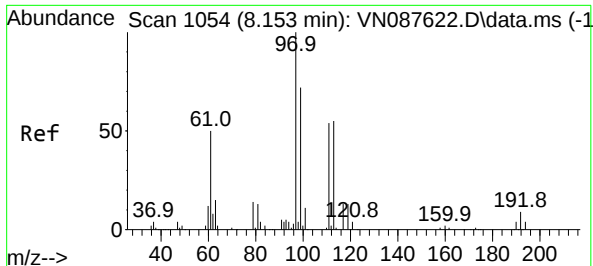
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.2

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.959 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

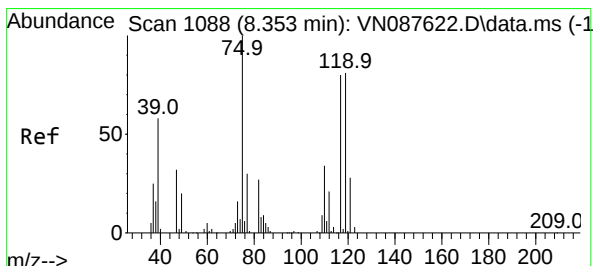
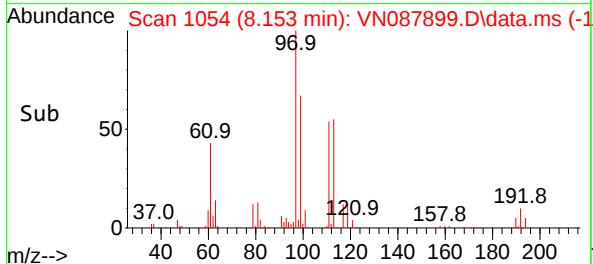
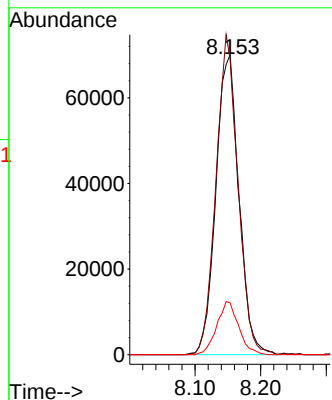
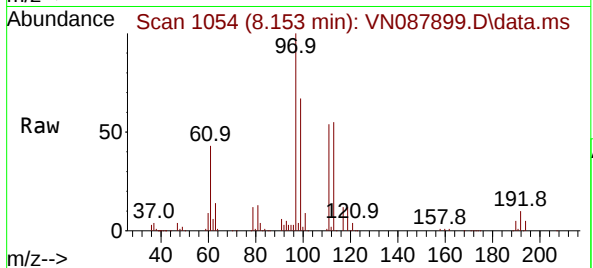
Tgt Ion:113 Resp: 170809

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 16.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 51.678 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

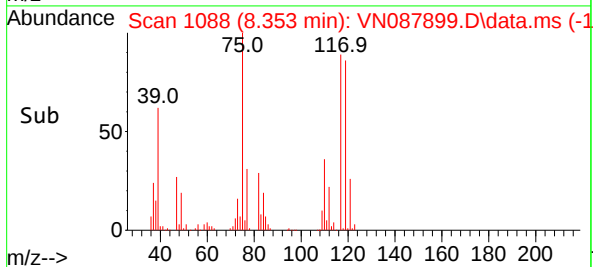
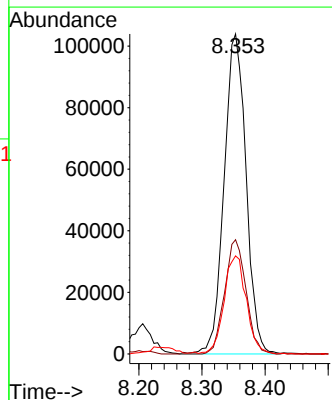
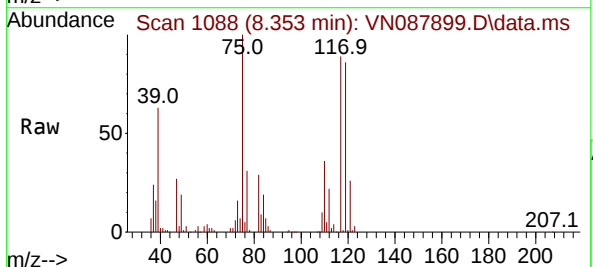
Tgt Ion: 75 Resp: 250965

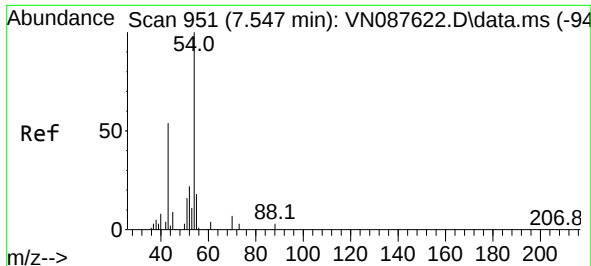
Ion Ratio Lower Upper

75 100

110 34.8 15.9 47.6

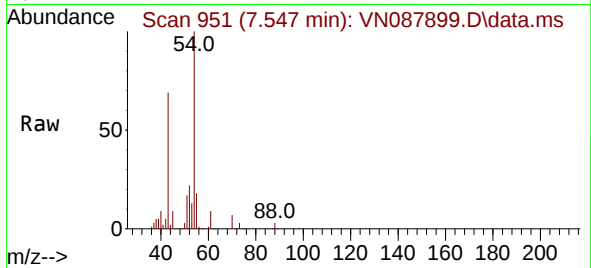
77 31.0 24.4 36.6



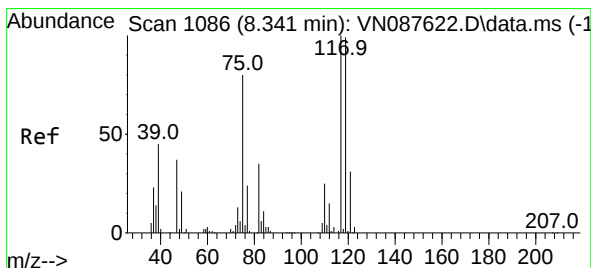
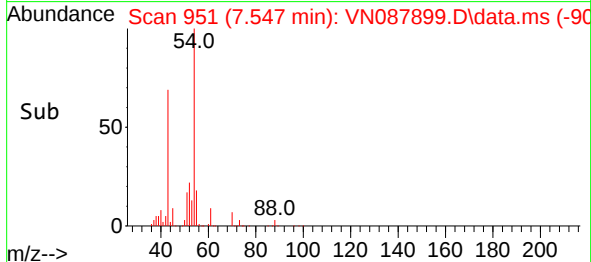
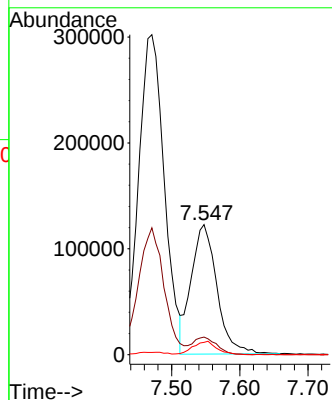


#37
Ethyl Acetate
Concen: 48.412 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :

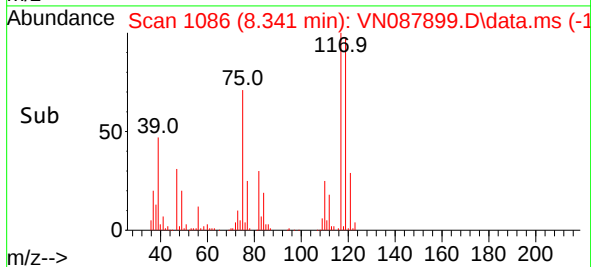
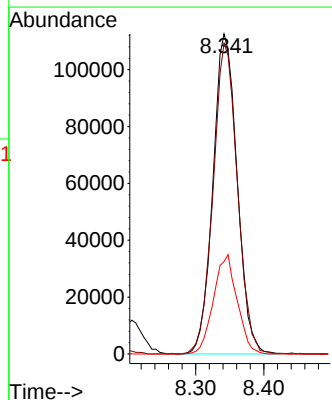
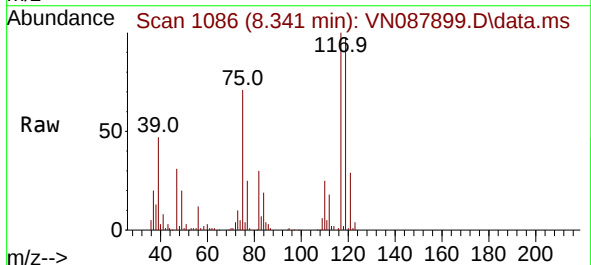


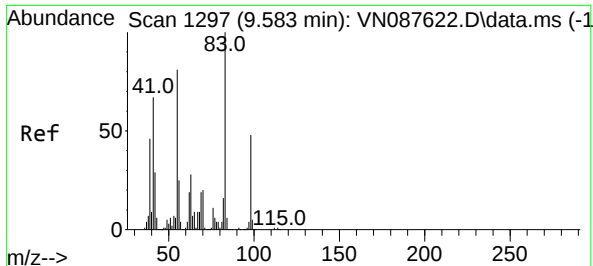
Tgt Ion: 43 Resp: 321266
Ion Ratio Lower Upper
43 100
61 12.1 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 57.935 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 117 Resp: 277786
Ion Ratio Lower Upper
117 100
119 97.1 79.0 118.6
121 28.8 25.0 37.6





#39

Methylcyclohexane

Concen: 54.706 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

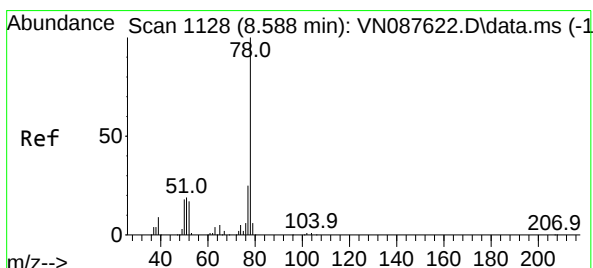
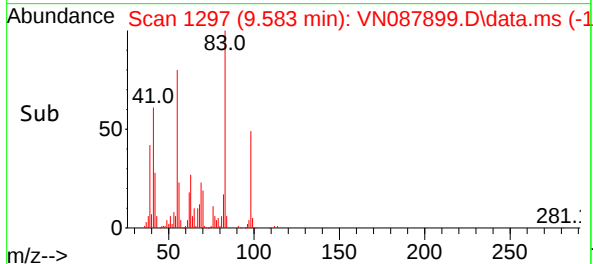
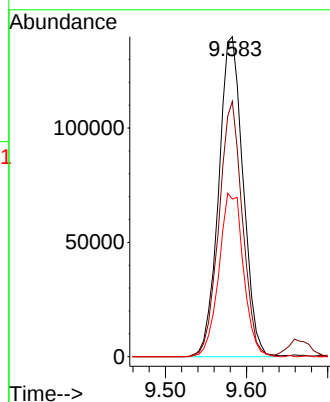
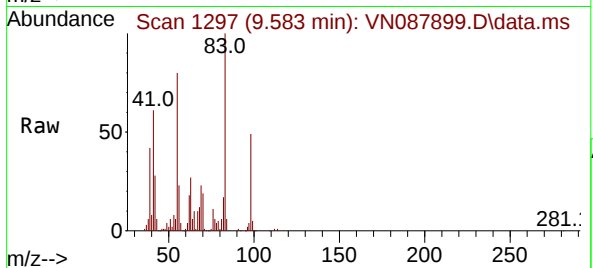
Tgt Ion: 83 Resp: 292491

Ion Ratio Lower Upper

83 100

55 79.8 64.6 96.8

98 49.2 38.4 57.6



#40

Benzene

Concen: 53.151 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087899.D

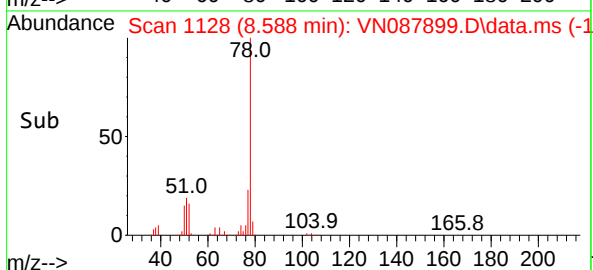
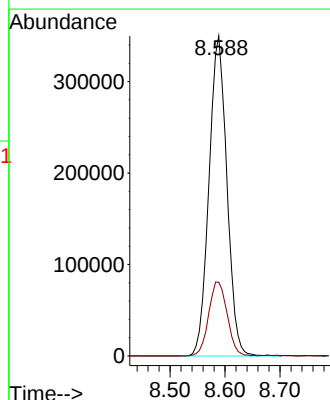
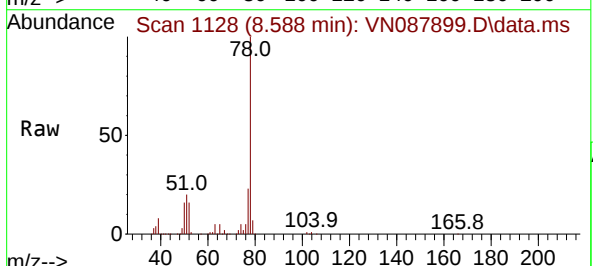
Acq: 19 Sep 2025 10:10

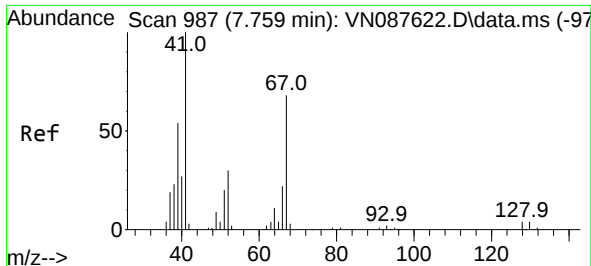
Tgt Ion: 78 Resp: 791690

Ion Ratio Lower Upper

78 100

77 23.1 19.7 29.5

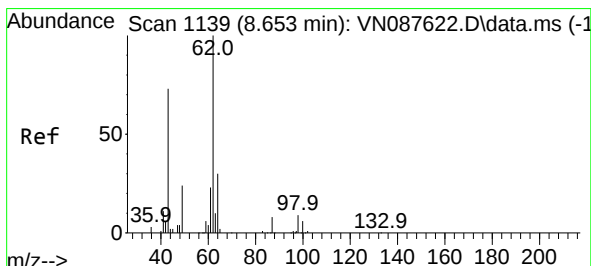
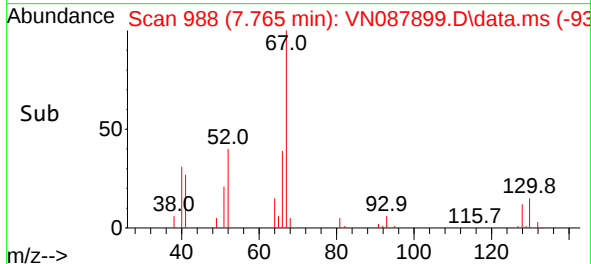
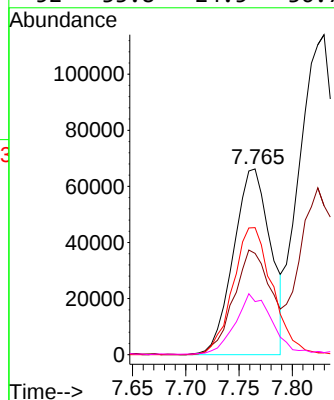
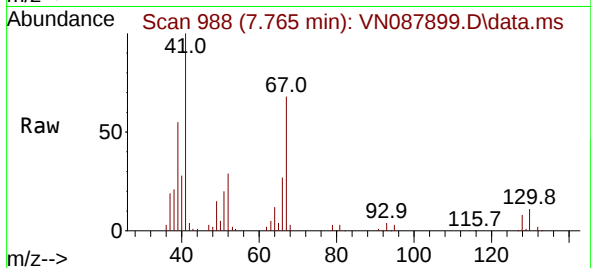




#41
Methacrylonitrile
Concen: 46.821 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

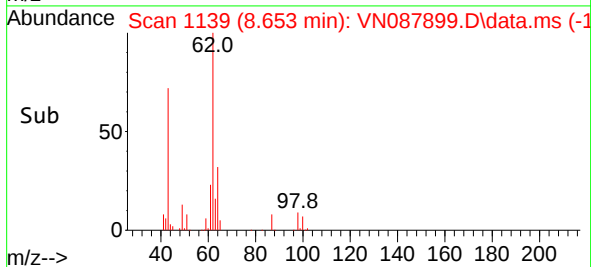
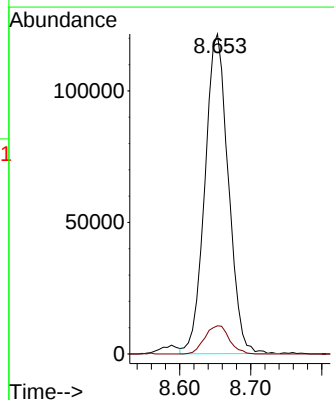
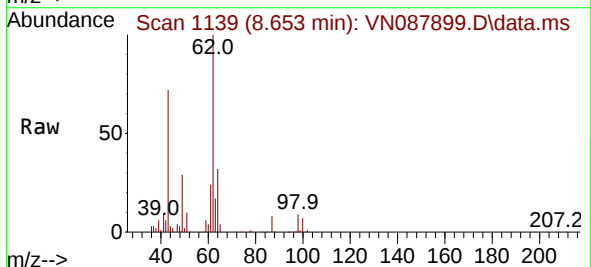
Instrument :
MSVOA_N
ClientSampleId :

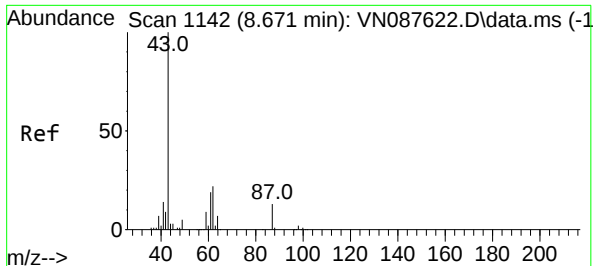
Tgt Ion: 41 Resp: 160948
Ion Ratio Lower Upper
41 100
39 56.6 45.4 68.0
67 72.8 55.3 82.9
52 33.8 24.5 36.7



#42
1,2-Dichloroethane
Concen: 48.618 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

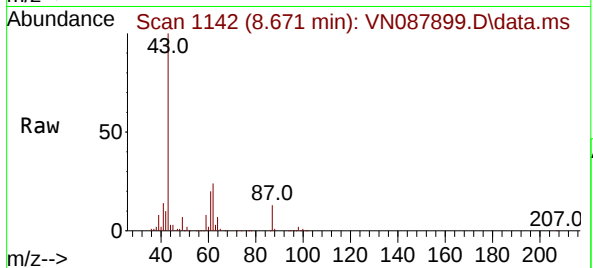
Tgt Ion: 62 Resp: 278283
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.4



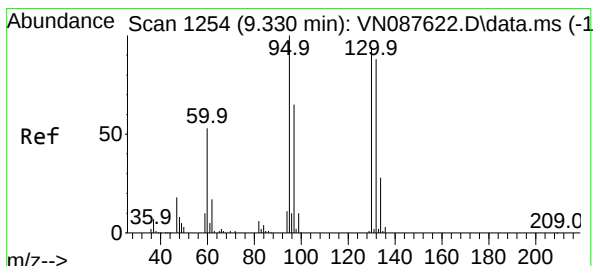
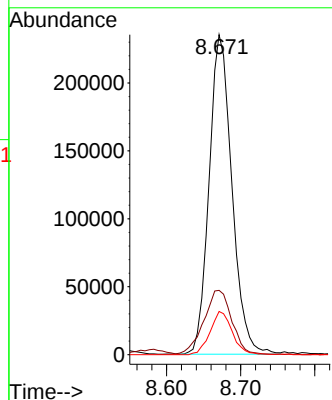
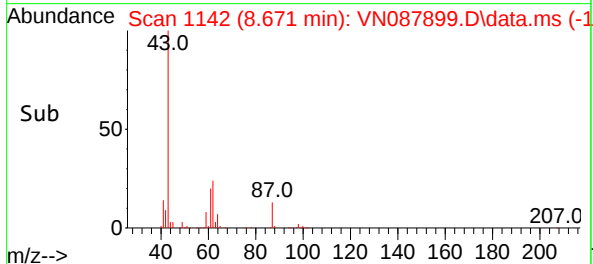


#43
Isopropyl Acetate
Concen: 48.575 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :

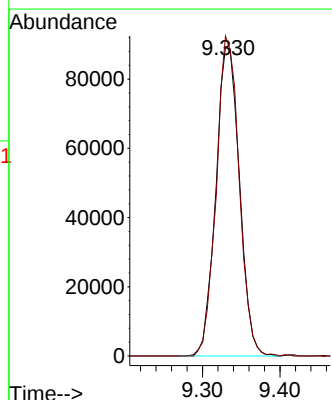
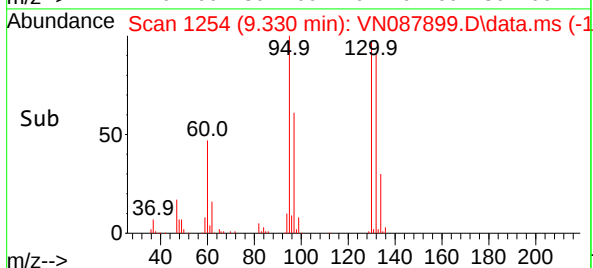
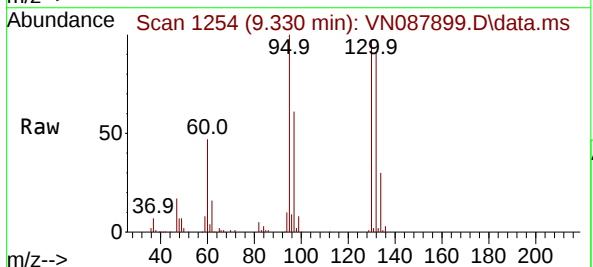


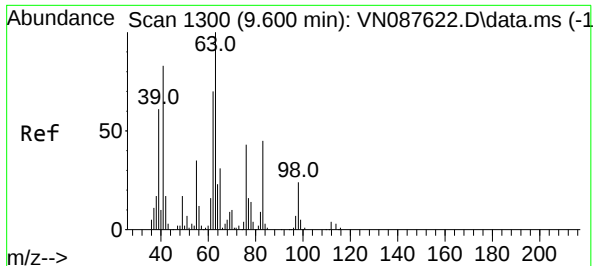
Tgt Ion: 43 Resp: 503265
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 13.2 9.6 14.4



#44
Trichloroethene
Concen: 55.846 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:130 Resp: 189913
Ion Ratio Lower Upper
130 100
95 103.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 50.192 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

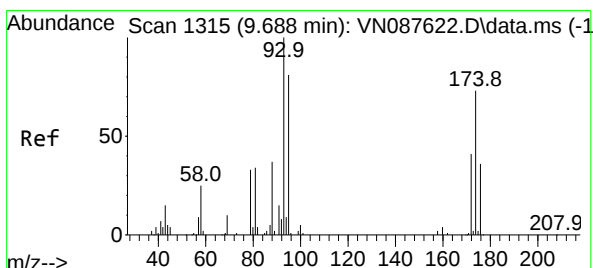
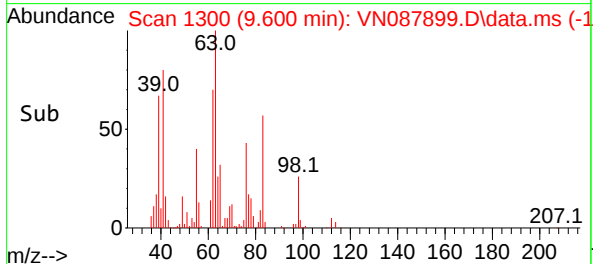
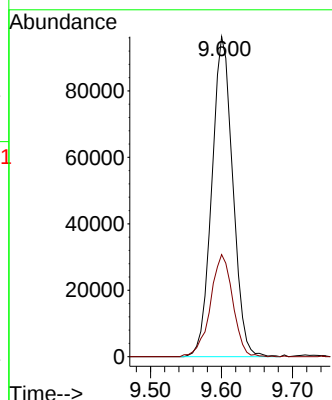
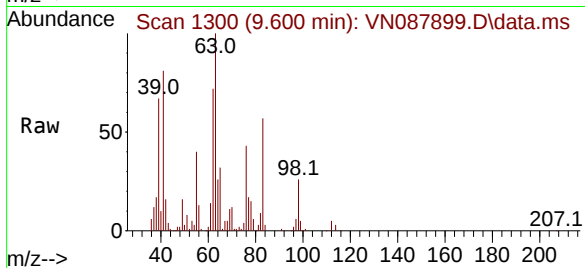
ClientSampleId :

Tgt Ion: 63 Resp: 197063

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 54.571 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

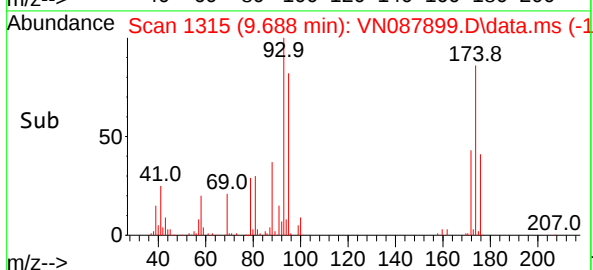
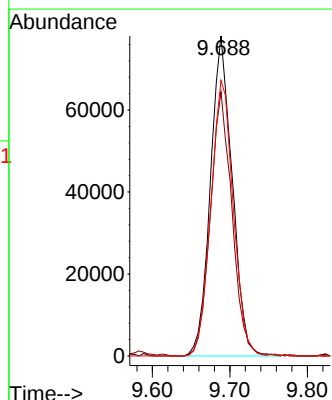
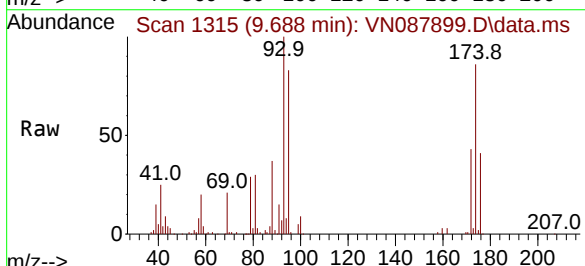
Tgt Ion: 93 Resp: 152468

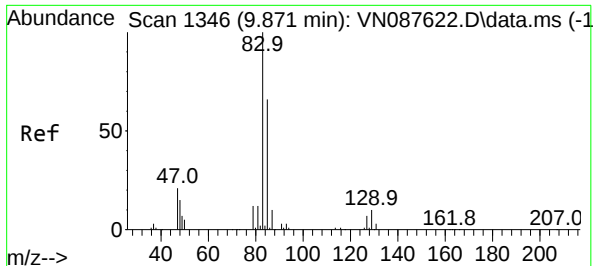
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 88.7 63.4 95.2





#47

Bromodichloromethane

Concen: 52.726 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

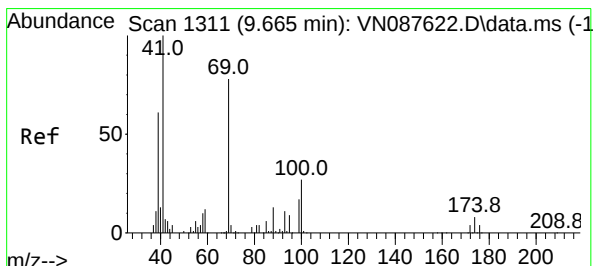
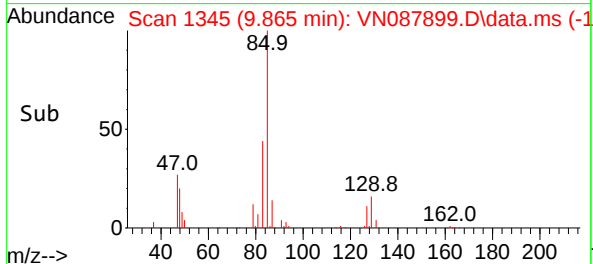
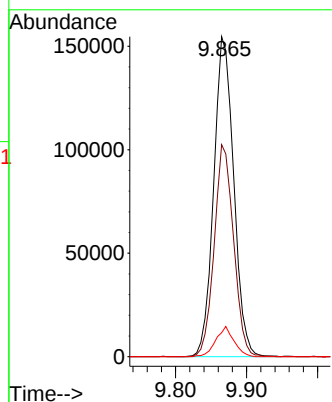
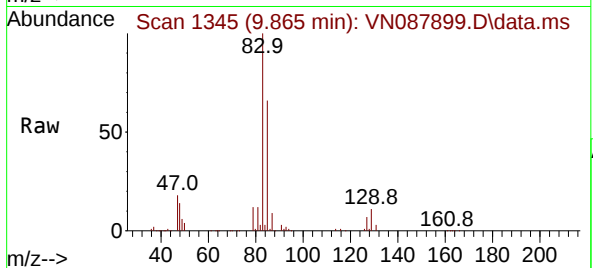
Tgt Ion: 83 Resp: 301912

Ion Ratio Lower Upper

83 100

85 66.3 52.5 78.7

127 7.5 5.8 8.6



#48

Methyl methacrylate

Concen: 46.922 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

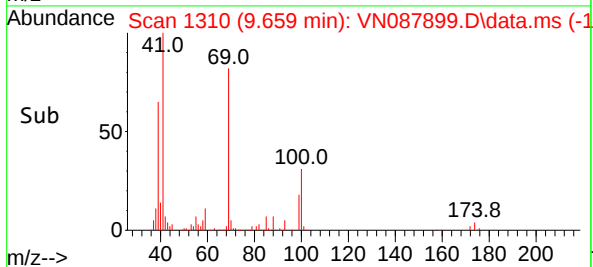
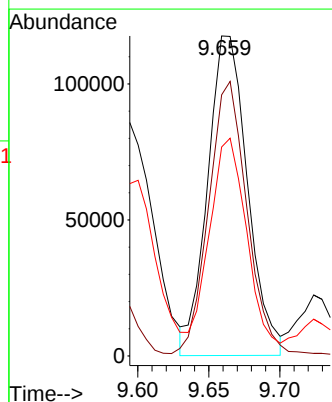
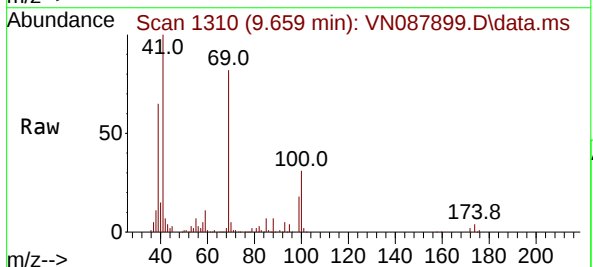
Tgt Ion: 41 Resp: 229946

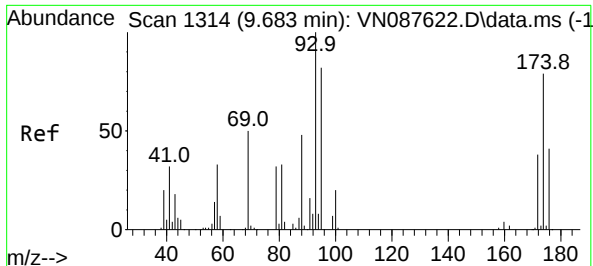
Ion Ratio Lower Upper

41 100

69 83.7 62.7 94.1

39 64.4 52.9 79.3





#49

1,4-Dioxane

Concen: 1177.380 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

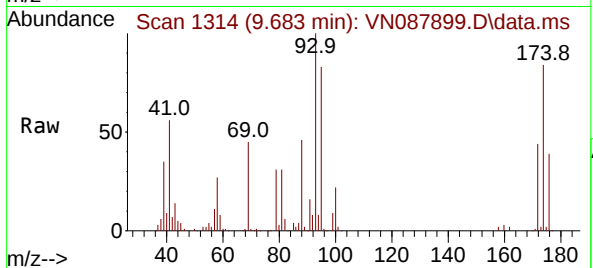
Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

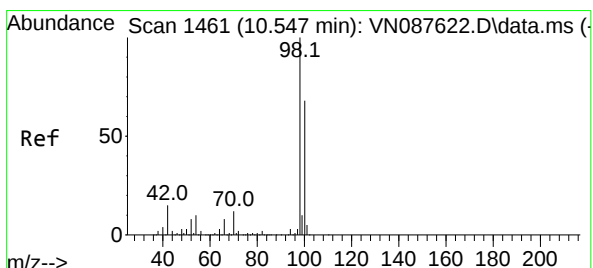
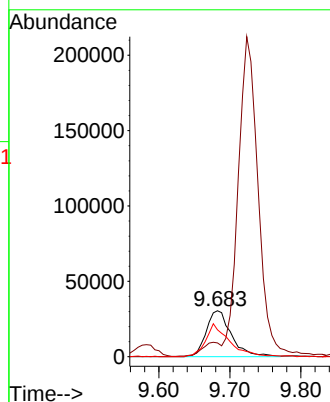
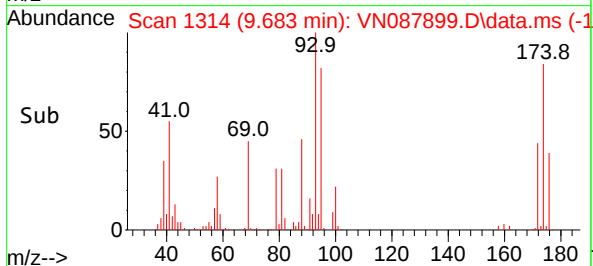
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	74786
Ion	Ratio	Lower	Upper
88	100		
43	23.5	0.0	0.0#
58	67.7	57.9	86.9



#50

Toluene-d8

Concen: 50.184 ug/l

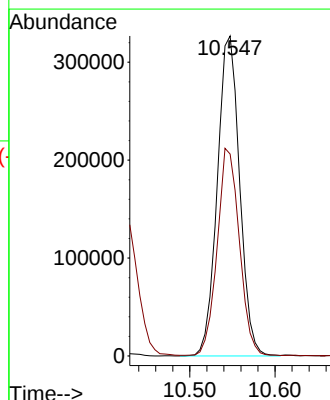
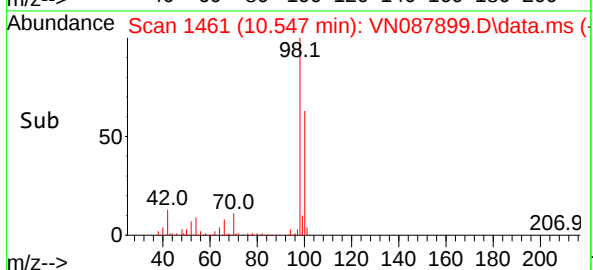
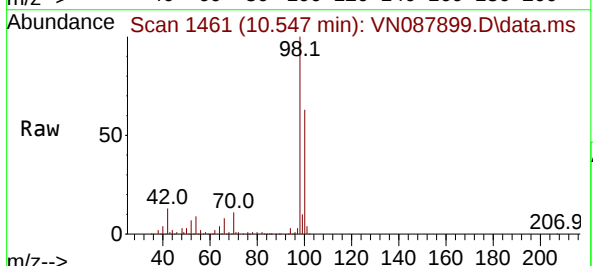
RT: 10.547 min Scan# 1461

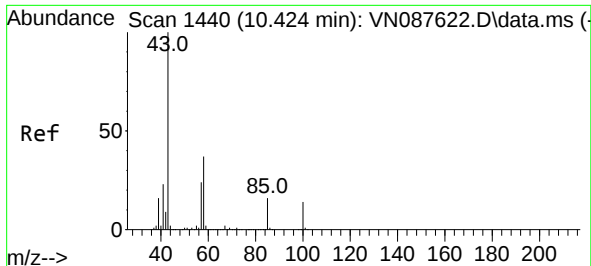
Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Tgt Ion:	98	Resp:	594585
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.8	79.2

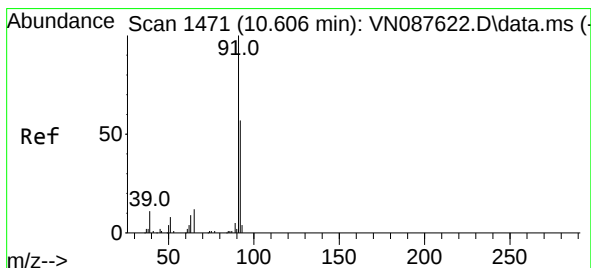
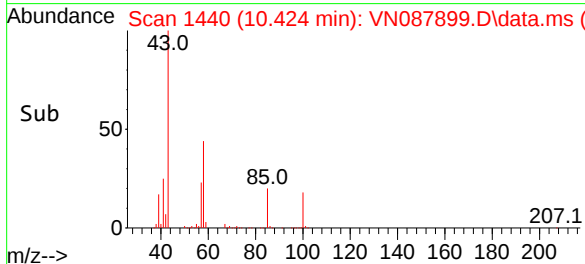
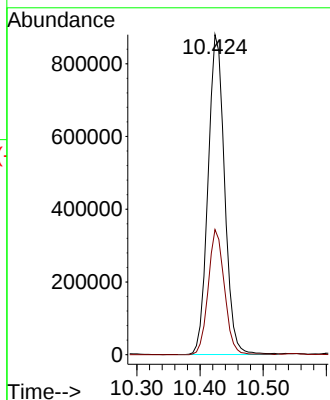
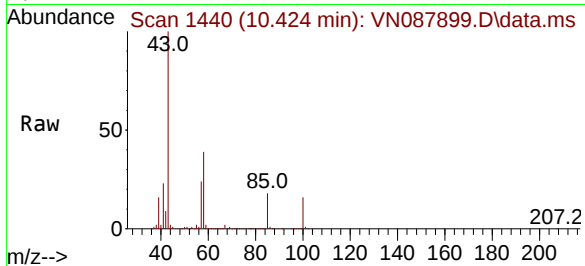




#51
4-Methyl-2-Pentanone
Concen: 256.042 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

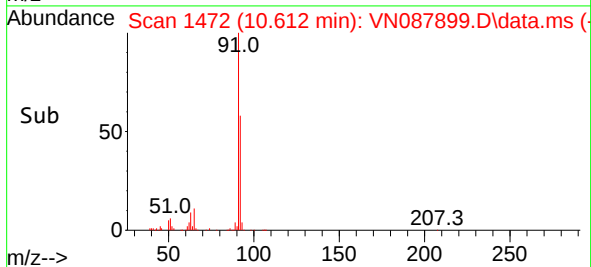
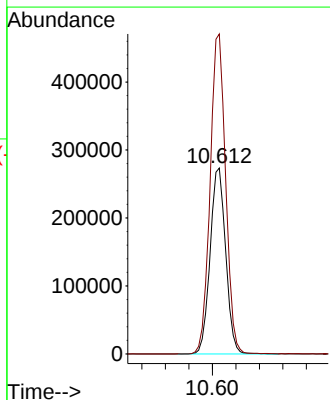
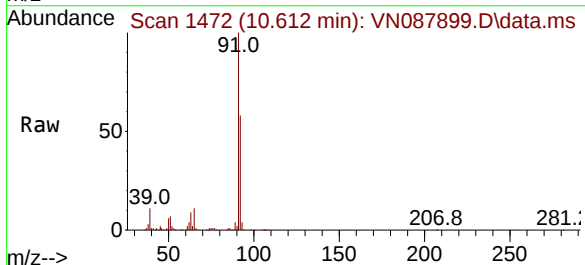
Instrument :
MSVOA_N
ClientSampleId :

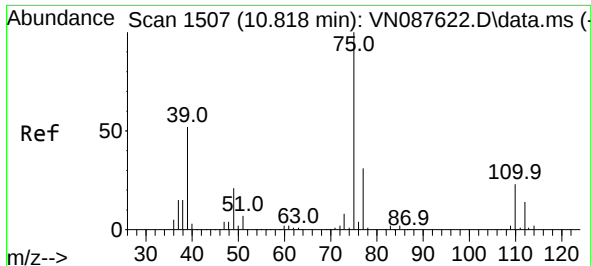
Tgt Ion: 43 Resp: 1600519
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4



#52
Toluene
Concen: 54.471 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 92 Resp: 502994
Ion Ratio Lower Upper
92 100
91 171.6 140.4 210.6

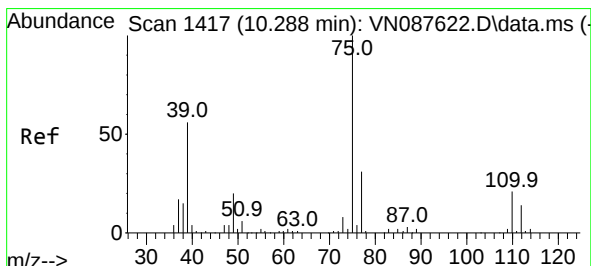
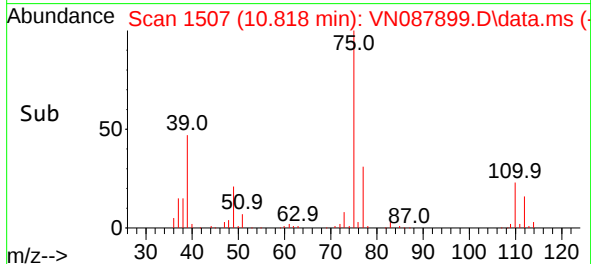
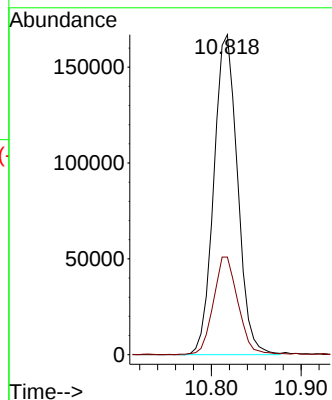
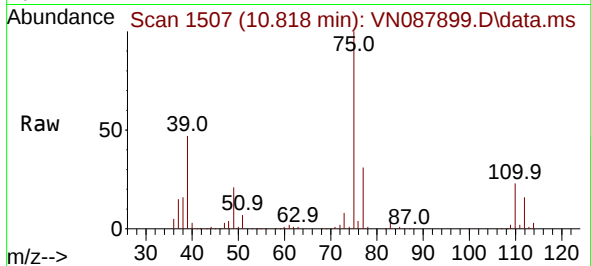




#53
t-1,3-Dichloropropene
Concen: 51.752 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

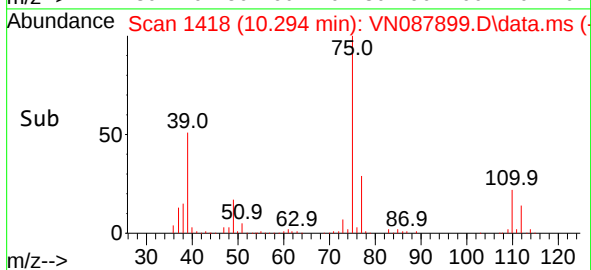
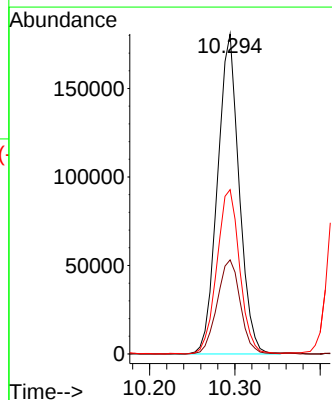
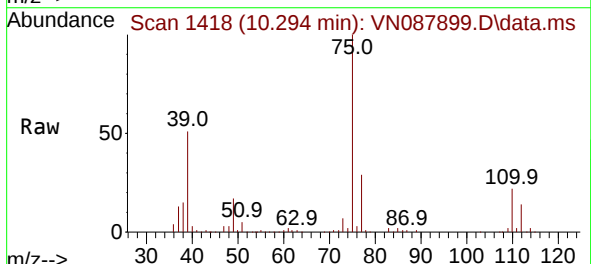
Instrument :
MSVOA_N
ClientSampleId :

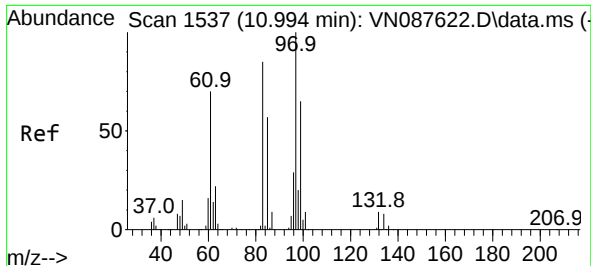
Tgt Ion: 75 Resp: 306736
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.811 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

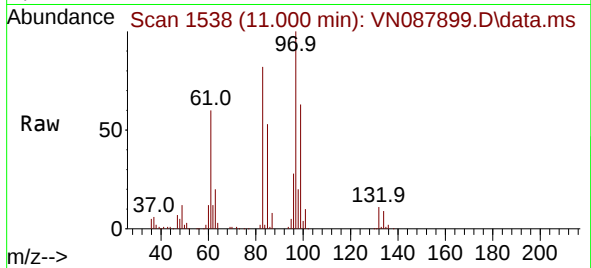
Tgt Ion: 75 Resp: 318857
Ion Ratio Lower Upper
75 100
77 29.4 24.6 37.0
39 51.2 45.2 67.8



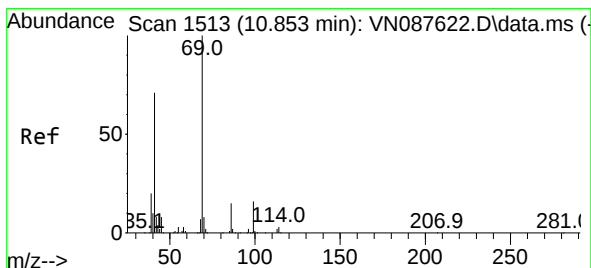
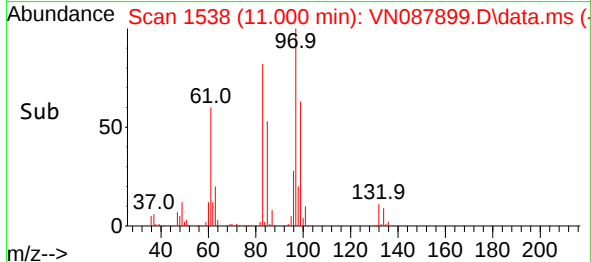
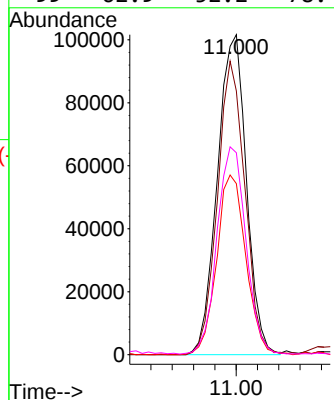


#55
1,1,2-Trichloroethane
Concen: 53.818 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :

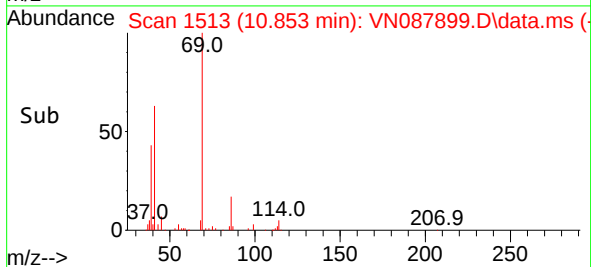
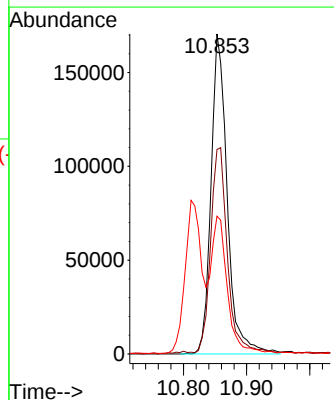
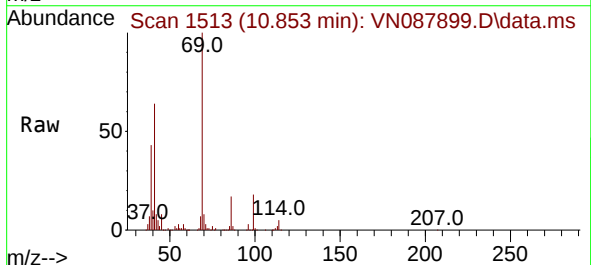


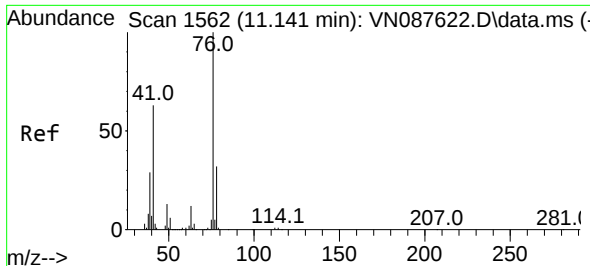
Tgt Ion: 97 Resp: 192248
Ion Ratio Lower Upper
97 100
83 82.4 68.2 102.4
85 53.4 45.5 68.3
99 62.9 52.2 78.4



#56
Ethyl methacrylate
Concen: 53.240 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 69 Resp: 303937
Ion Ratio Lower Upper
69 100
41 66.8 56.5 84.7
39 42.6 34.2 51.4





#57

1,3-Dichloropropane

Concen: 52.022 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

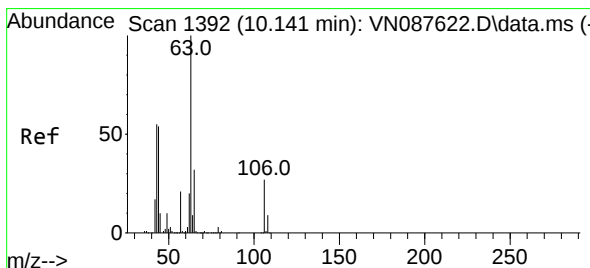
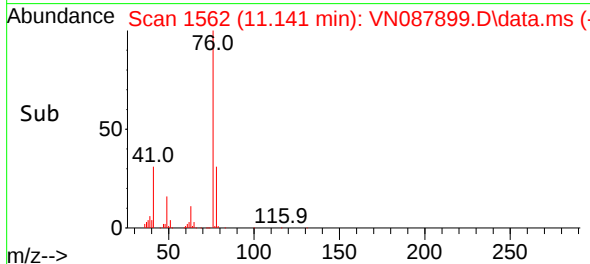
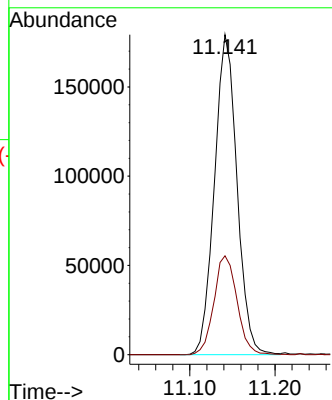
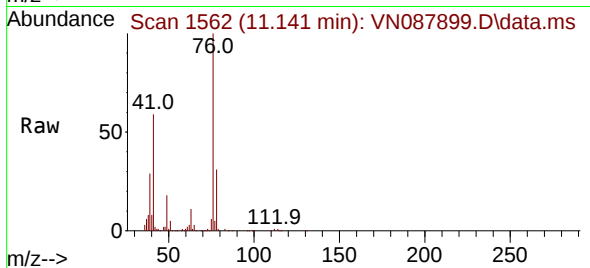
ClientSampleId :

Tgt Ion: 76 Resp: 328878

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 246.213 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087899.D

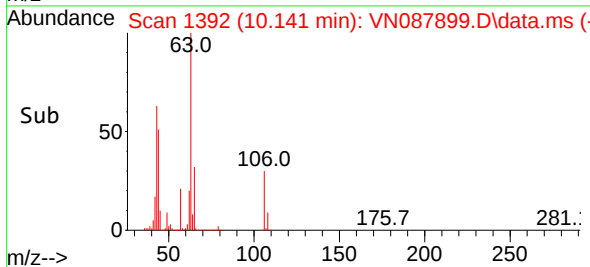
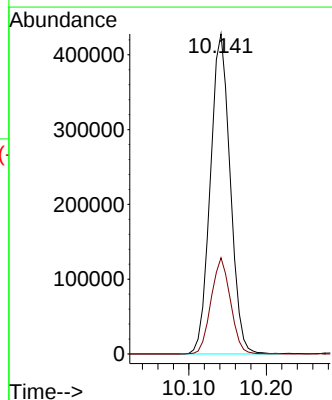
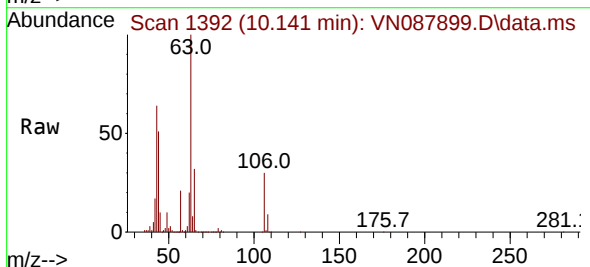
Acq: 19 Sep 2025 10:10

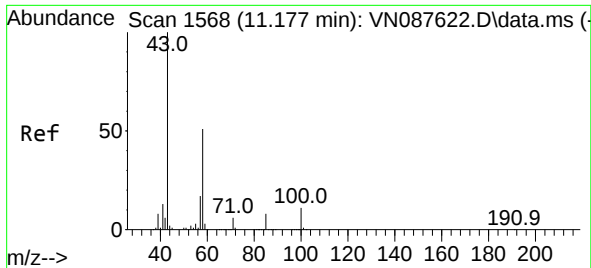
Tgt Ion: 63 Resp: 760770

Ion Ratio Lower Upper

63 100

106 29.3 21.1 31.7

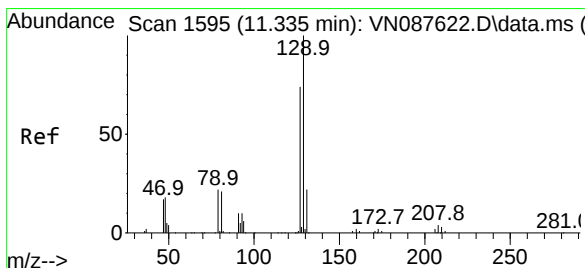
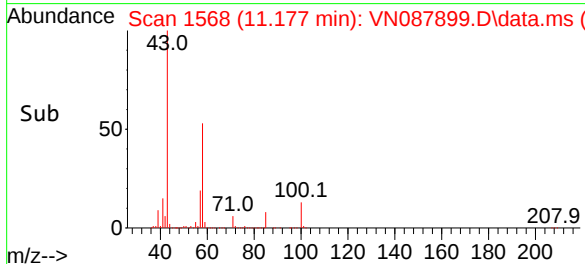
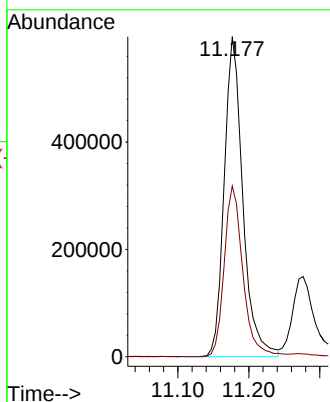
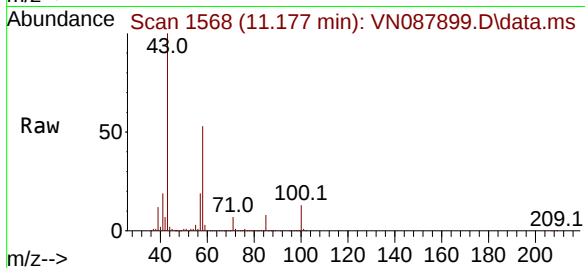




#59
2-Hexanone
Concen: 274.451 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

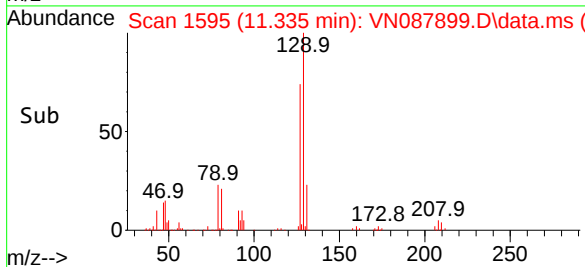
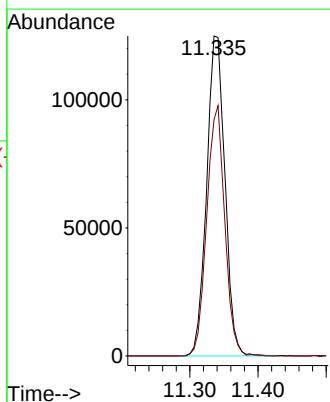
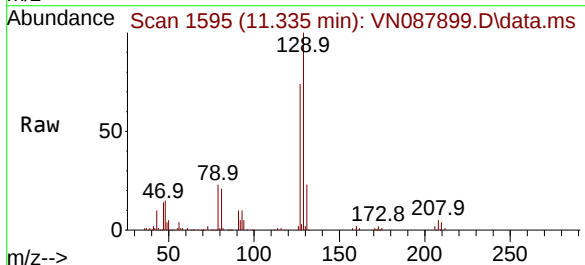
Instrument :
MSVOA_N
ClientSampleId :

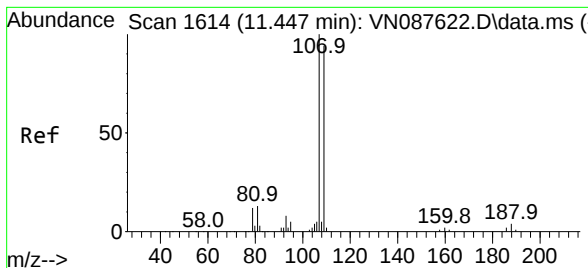
Tgt Ion: 43 Resp: 1084253
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 56.370 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 129 Resp: 233319
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

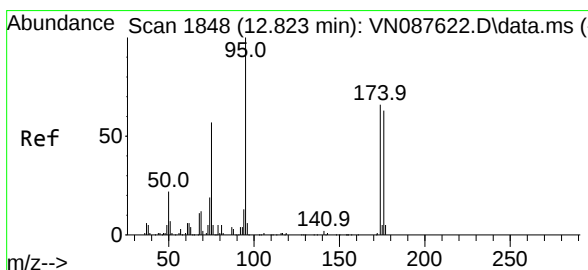
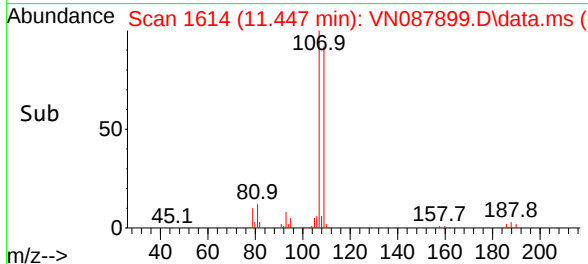
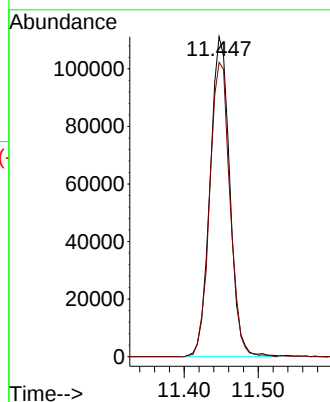
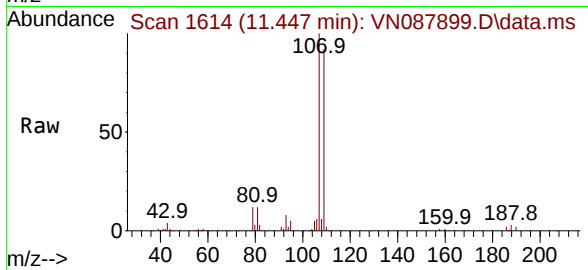




#61
1,2-Dibromoethane
Concen: 54.362 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

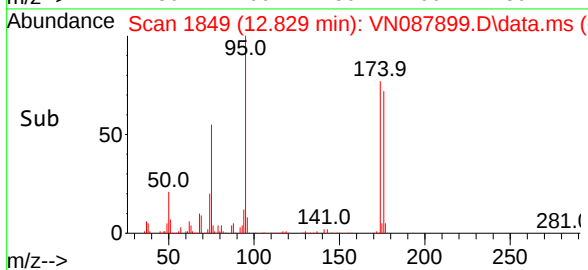
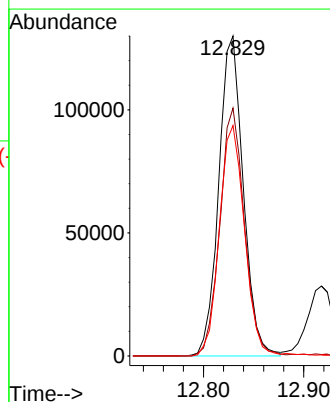
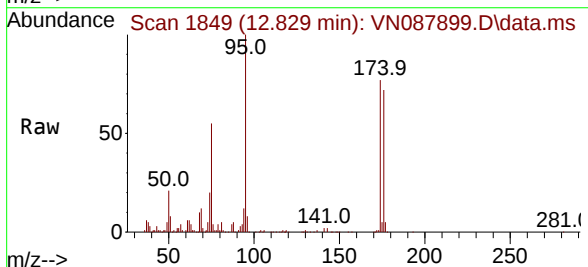
Instrument :
MSVOA_N
ClientSampleId :

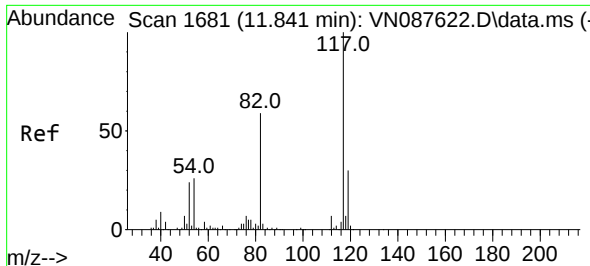
Tgt Ion:107 Resp: 204764
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 52.296 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 95 Resp: 220349
Ion Ratio Lower Upper
95 100
174 77.5 0.0 138.4
176 74.5 0.0 132.6

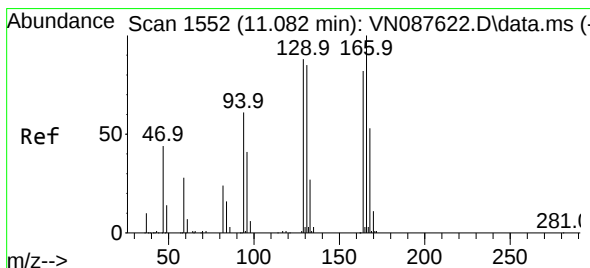
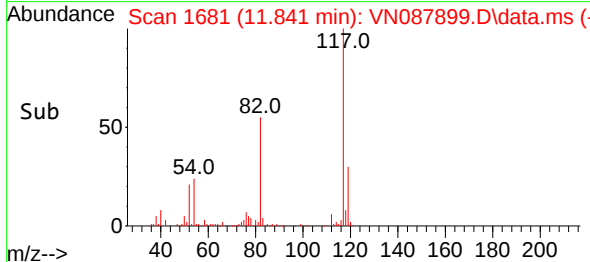
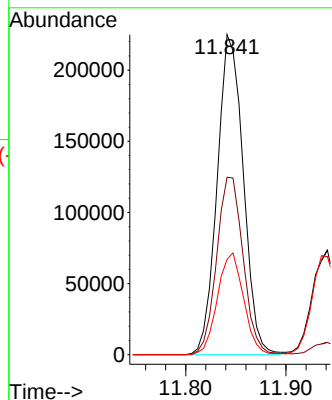
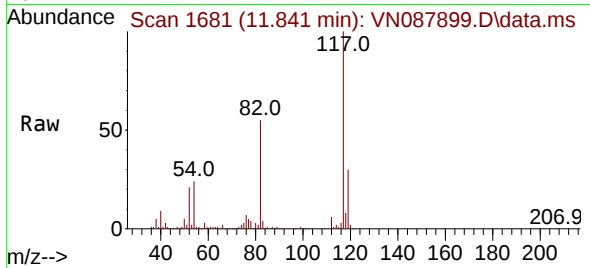




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

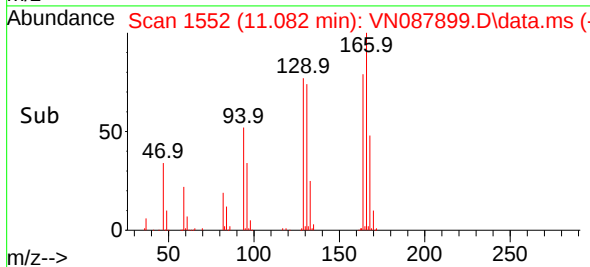
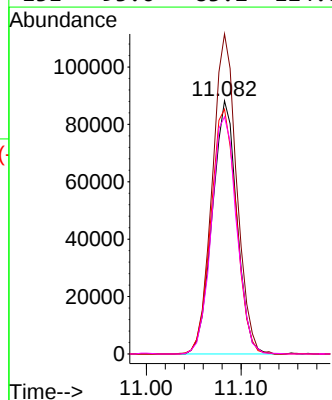
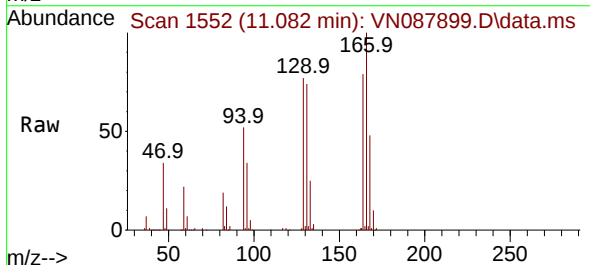
Instrument :
MSVOA_N
ClientSampleId :

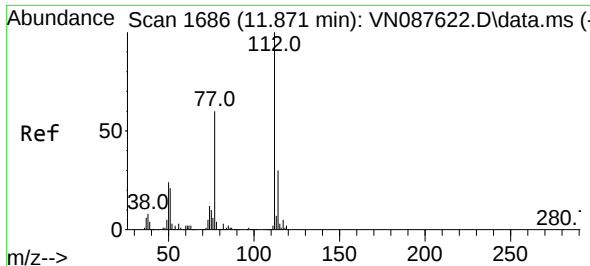
Tgt Ion:117 Resp: 407017
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 29.8 24.3 36.5



#64
Tetrachloroethene
Concen: 56.090 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:164 Resp: 158388
Ion Ratio Lower Upper
164 100
166 126.4 97.7 146.5
129 96.7 85.9 128.9
131 93.6 83.2 124.8

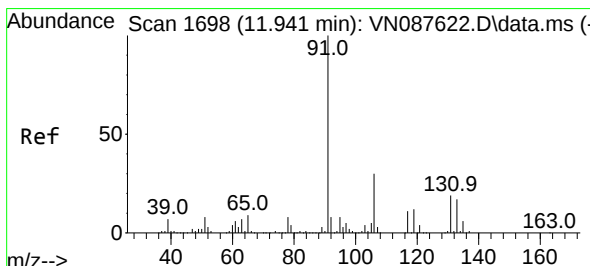
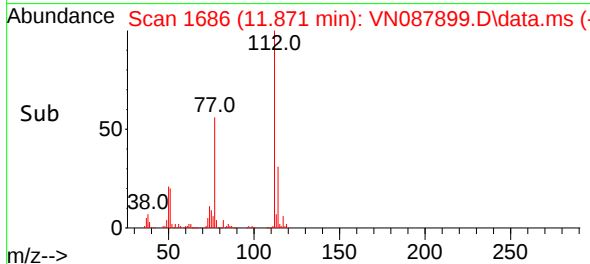
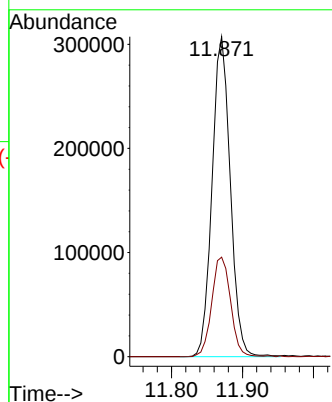
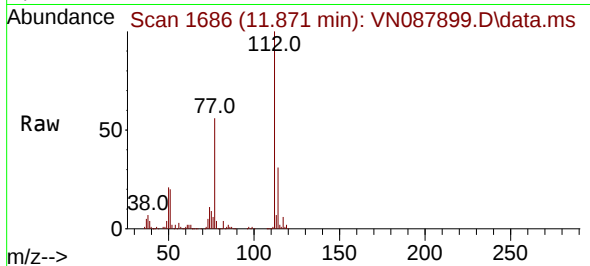




#65
Chlorobenzene
Concen: 54.029 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

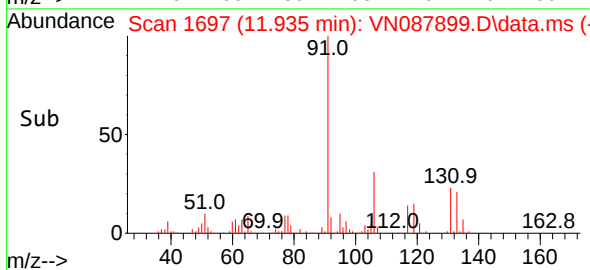
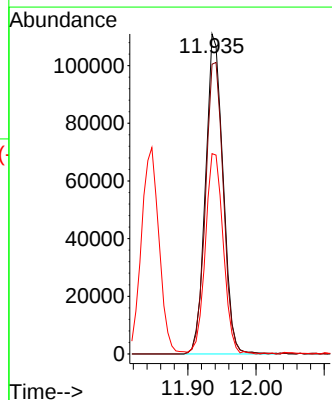
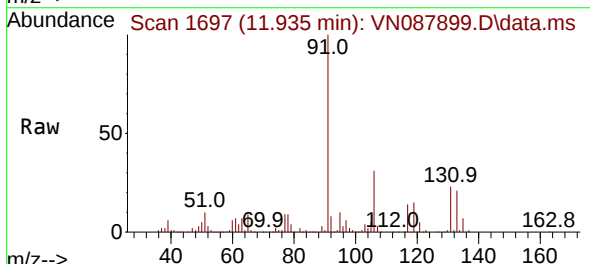
Instrument :
MSVOA_N
ClientSampleId :

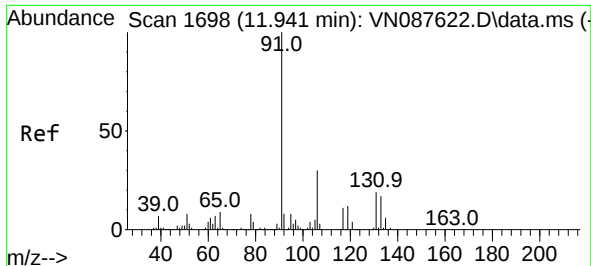
Tgt Ion:112 Resp: 547095
Ion Ratio Lower Upper
112 100
114 31.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.958 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:131 Resp: 198198
Ion Ratio Lower Upper
131 100
133 93.3 48.0 144.0
119 63.9 32.6 97.7

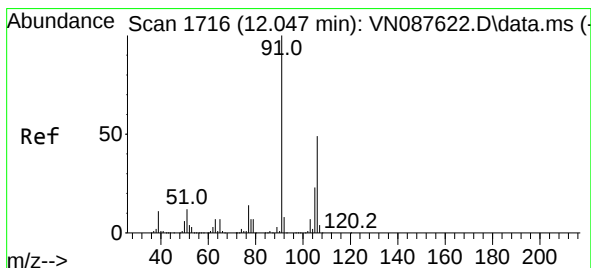
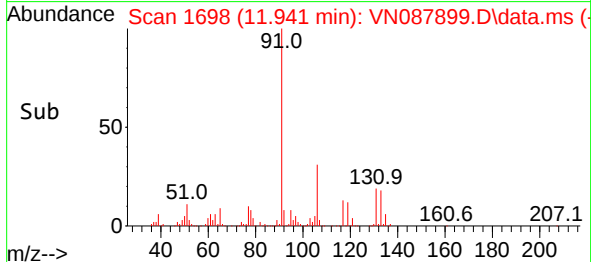
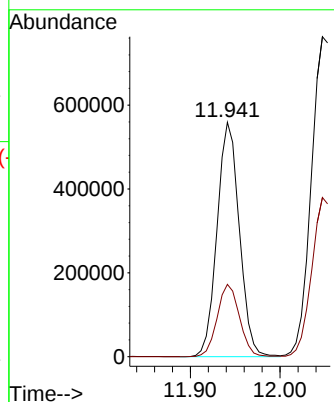
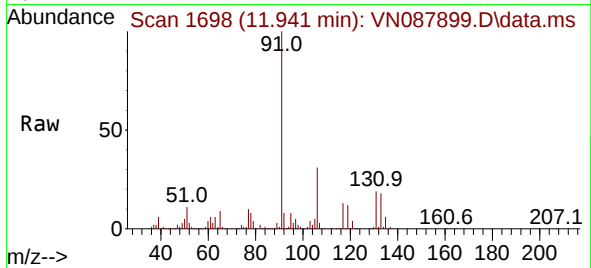




#67
Ethyl Benzene
Concen: 54.895 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

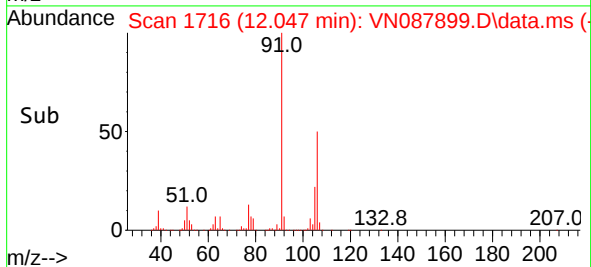
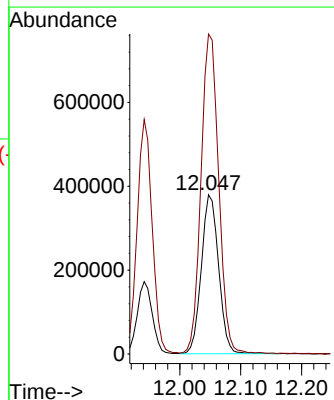
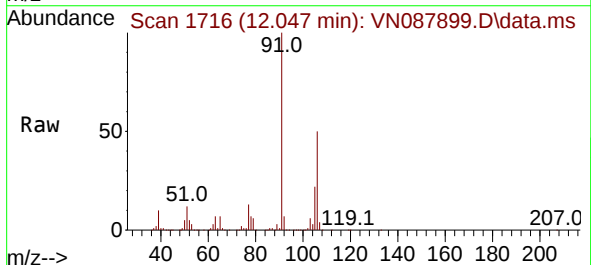
Instrument :
MSVOA_N
ClientSampleId :

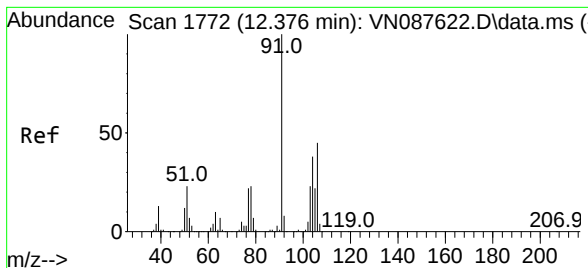
Tgt Ion: 91 Resp: 962428
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 116.315 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:106 Resp: 747891
Ion Ratio Lower Upper
106 100
91 205.7 169.3 253.9

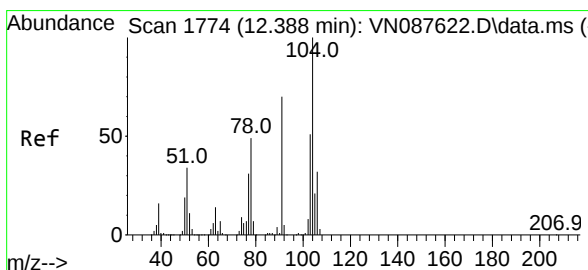
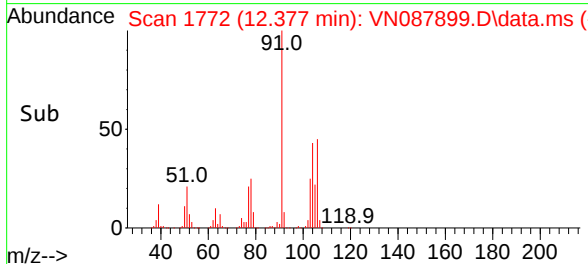
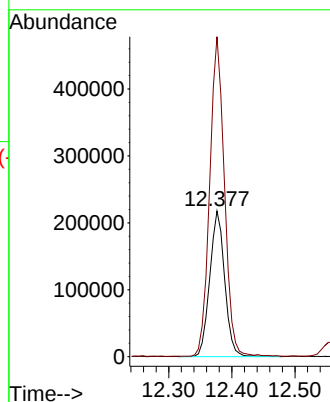
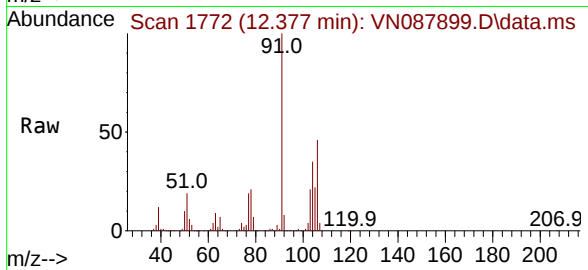




#69
o-Xylene
Concen: 56.695 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

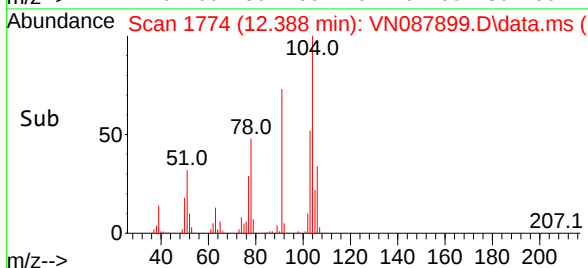
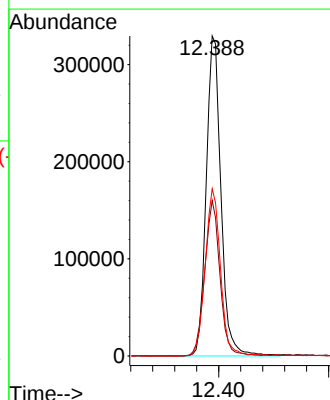
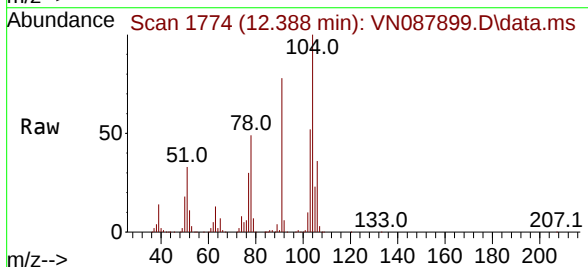
Instrument :
MSVOA_N
ClientSampleId :

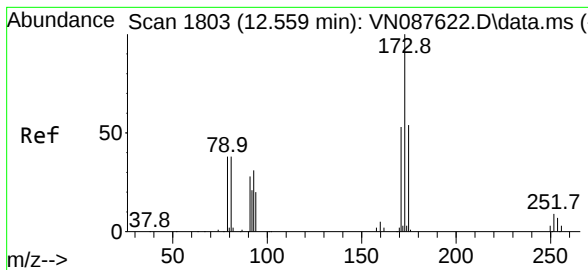
Tgt Ion:106 Resp: 357251
Ion Ratio Lower Upper
106 100
91 216.2 111.4 334.2



#70
Styrene
Concen: 57.965 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:104 Resp: 611918
Ion Ratio Lower Upper
104 100
78 50.4 42.2 63.2
103 54.3 43.4 65.2

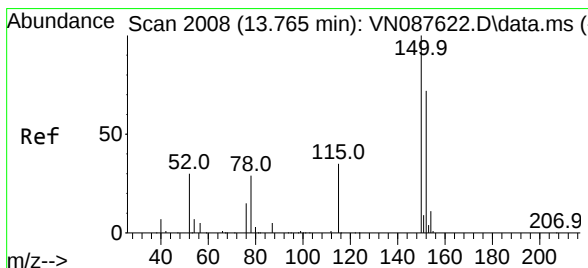
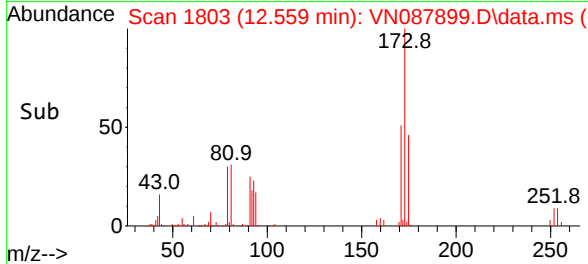
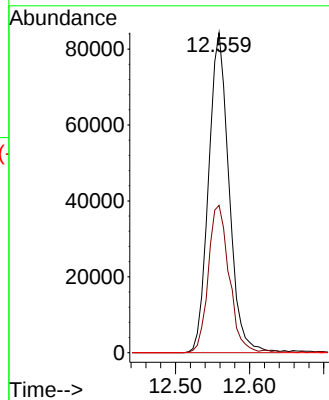
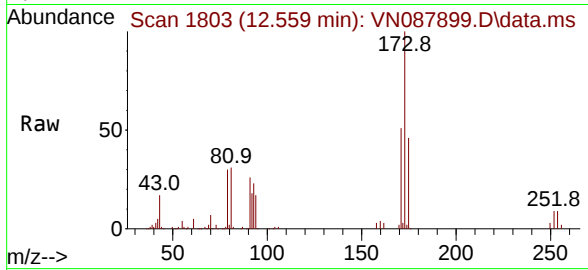




#71
Bromoform
Concen: 62.589 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

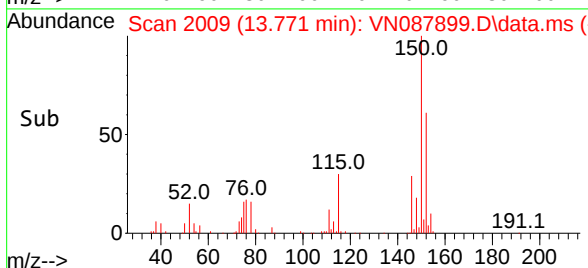
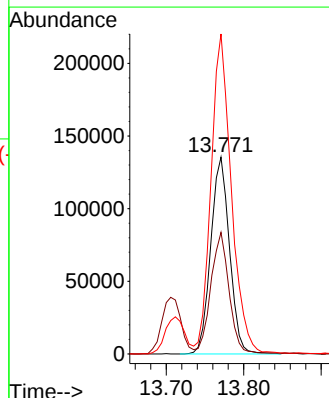
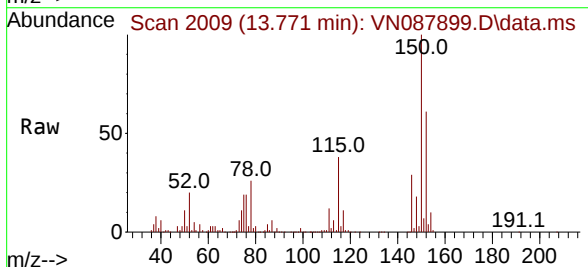
Instrument :
MSVOA_N
ClientSampleId :

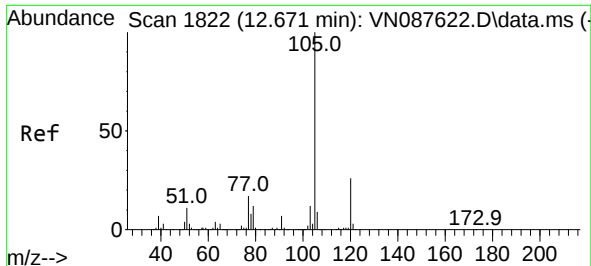
Tgt Ion:173 Resp: 161364
Ion Ratio Lower Upper
173 100
175 46.9 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:152 Resp: 227894
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 175.2 0.0 351.0

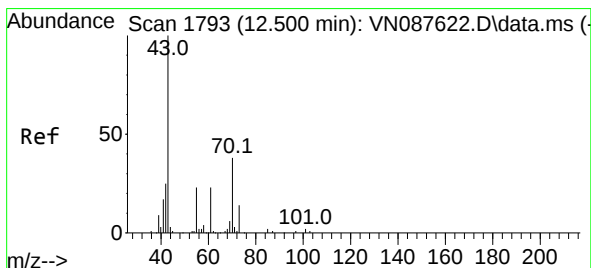
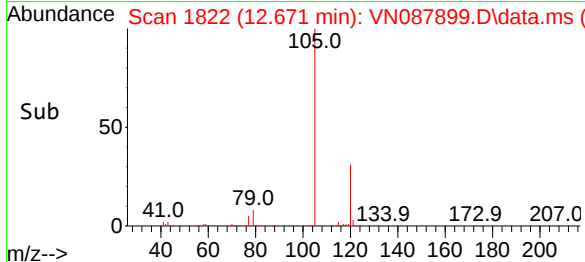
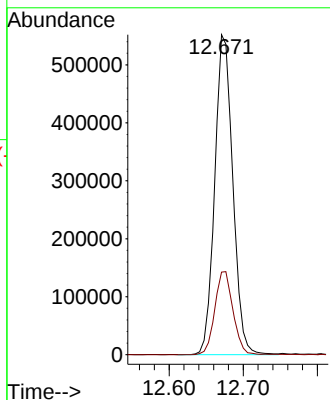
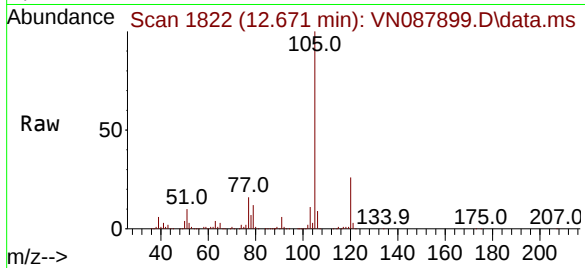




#73
Isopropylbenzene
Concen: 50.767 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

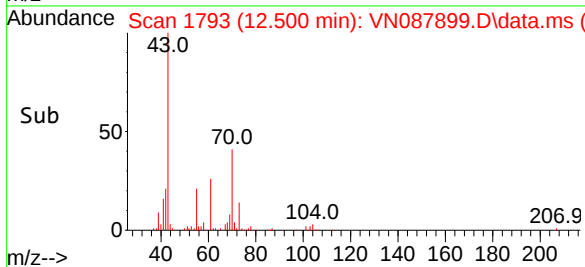
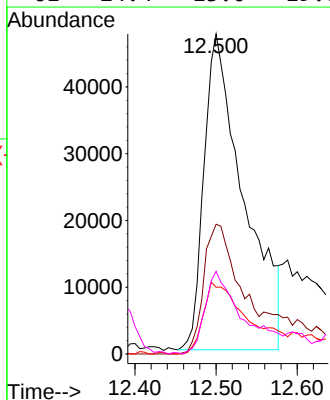
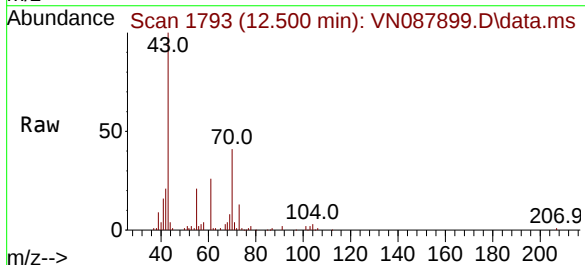
Instrument :
MSVOA_N
ClientSampleId :

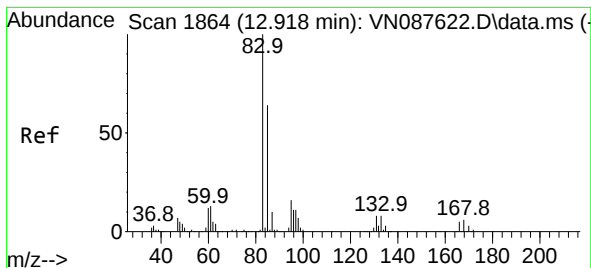
Tgt Ion:105 Resp: 934891
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3



#74
N-ethyl acetate
Concen: 23.087 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 43 Resp: 161120
Ion Ratio Lower Upper
43 100
70 36.7 27.6 41.4
55 26.0 13.0 19.6#
61 24.4 13.0 19.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.641 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

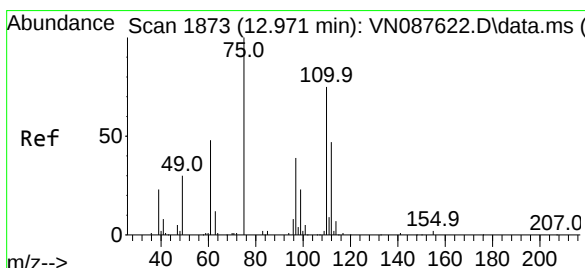
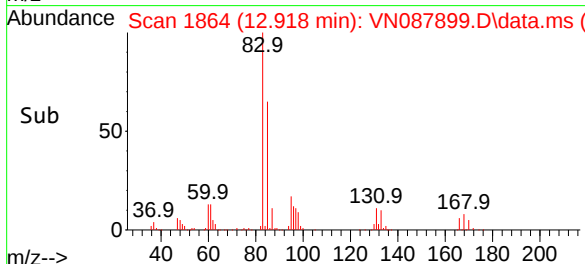
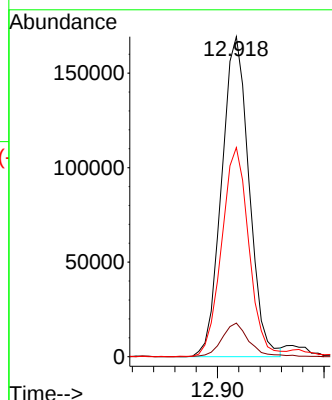
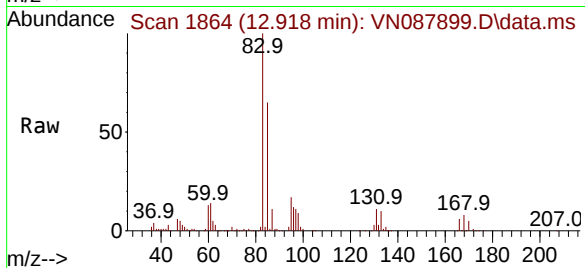
Tgt Ion: 83 Resp: 302050

Ion Ratio Lower Upper

83 100

131 10.5 4.8 14.4

85 65.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 76.188 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN087899.D

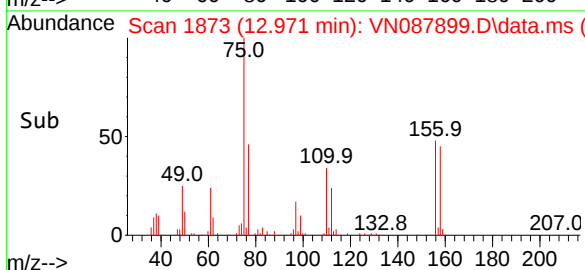
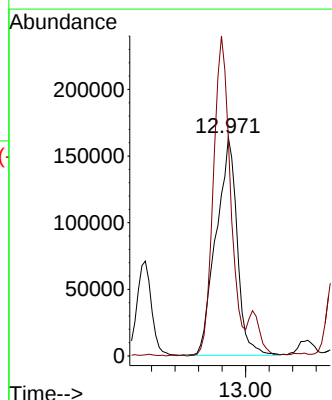
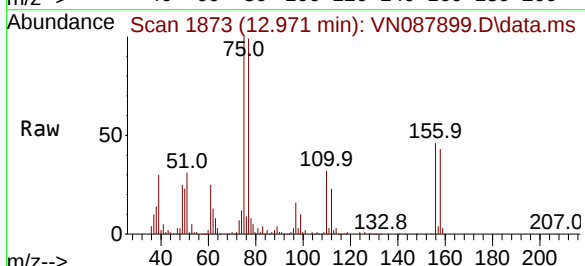
Acq: 19 Sep 2025 10:10

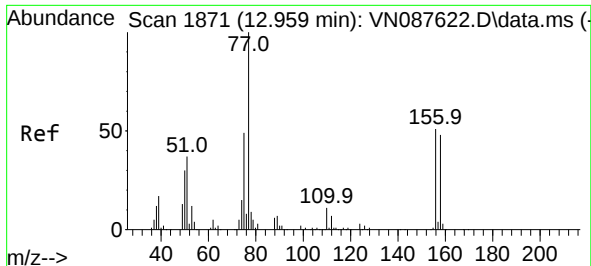
Tgt Ion: 75 Resp: 407169

Ion Ratio Lower Upper

75 100

77 119.6 89.1 267.4

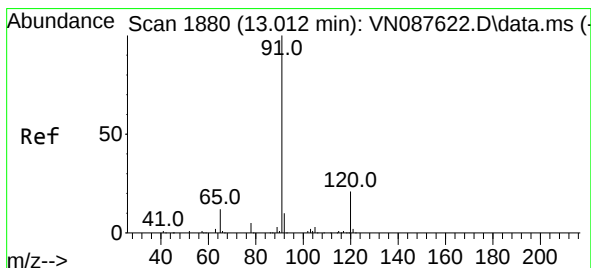
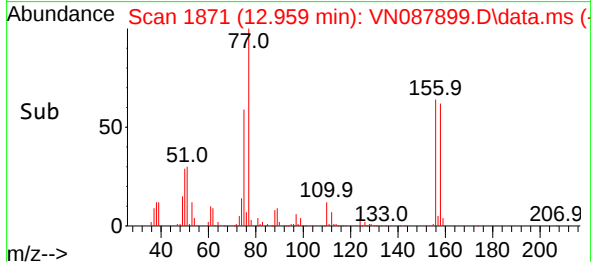
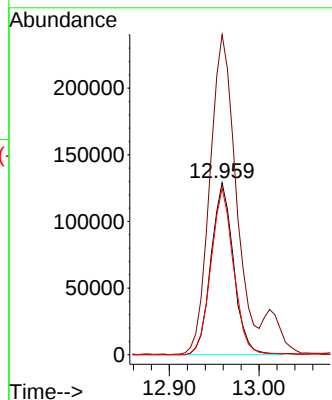
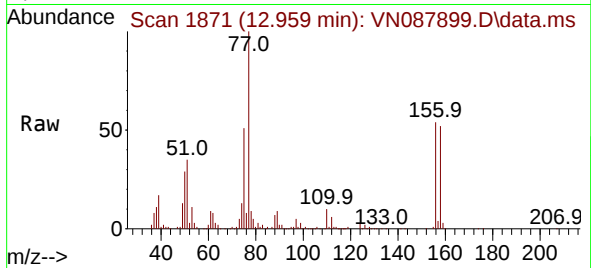




#77
Bromobenzene
Concen: 51.664 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

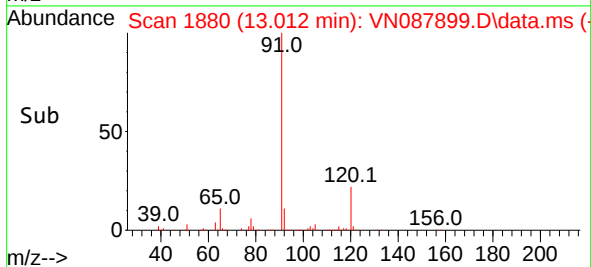
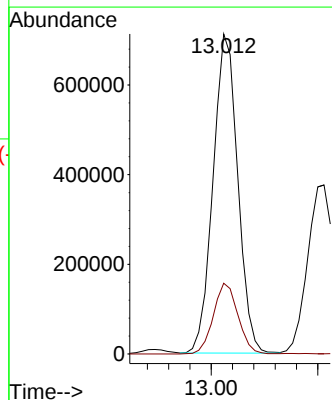
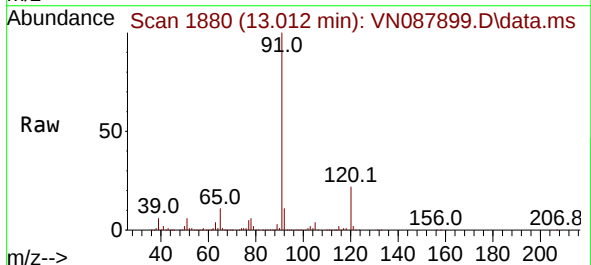
Instrument :
MSVOA_N
ClientSampleId :

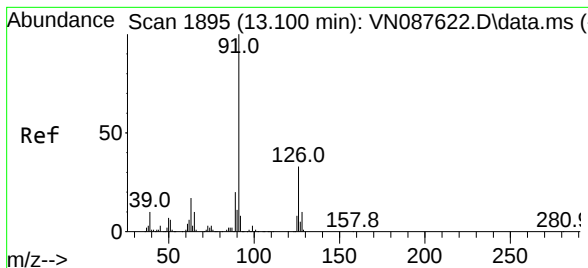
Tgt Ion:156 Resp: 224327
Ion Ratio Lower Upper
156 100
77 217.1 119.3 358.0
158 97.4 48.2 144.6



#78
n-propylbenzene
Concen: 50.413 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 91 Resp: 1143521
Ion Ratio Lower Upper
91 100
120 22.1 10.7 32.1

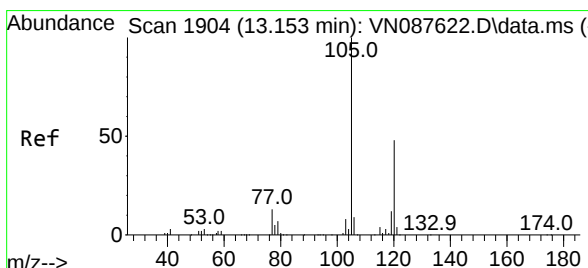
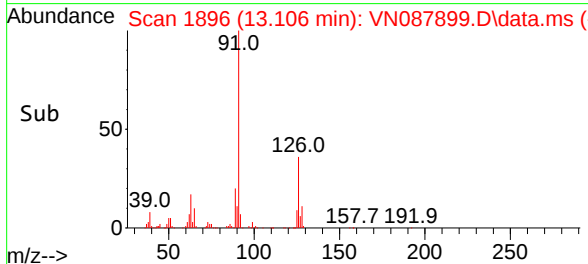
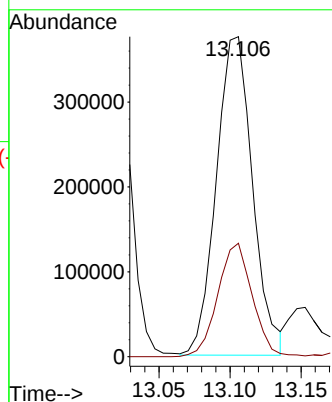
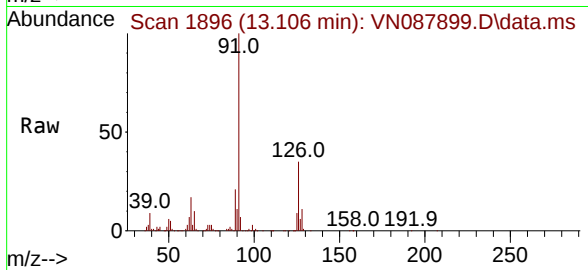




#79
2-Chlorotoluene
Concen: 48.870 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

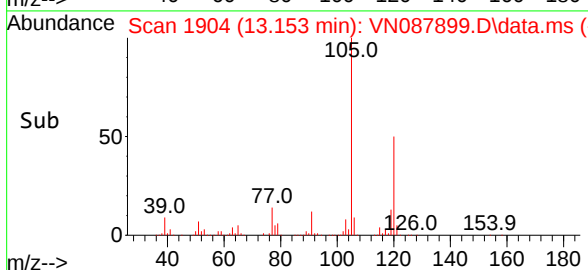
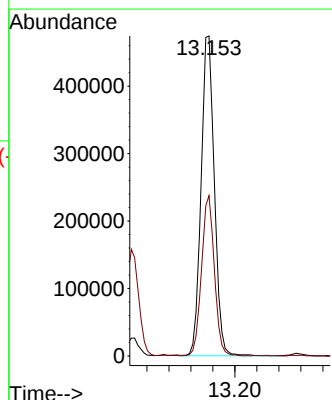
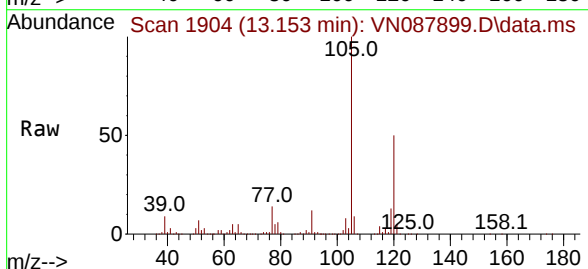
Instrument :
MSVOA_N
ClientSampleId :

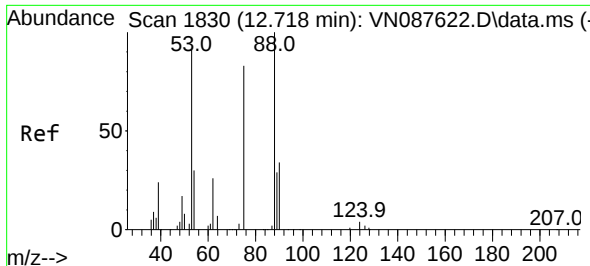
Tgt Ion: 91 Resp: 667096
Ion Ratio Lower Upper
91 100
126 33.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 50.871 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion: 105 Resp: 794709
Ion Ratio Lower Upper
105 100
120 48.4 23.2 69.6

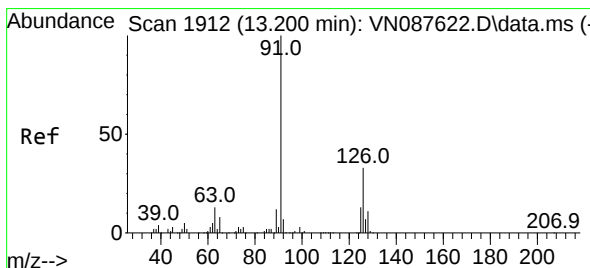
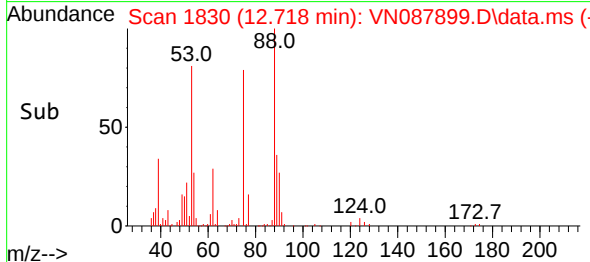
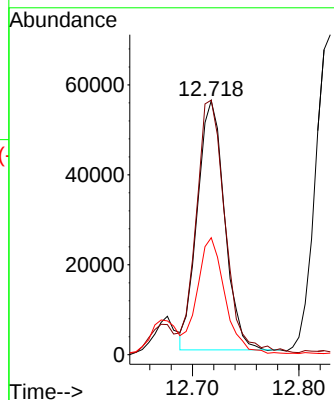
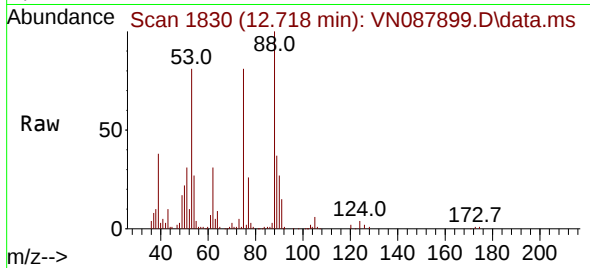




#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.704 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

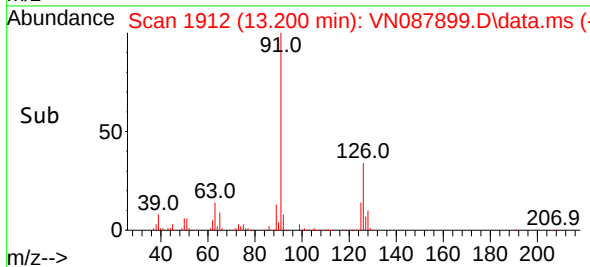
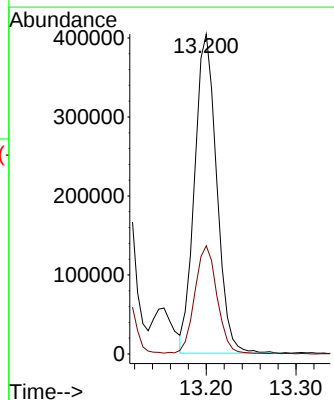
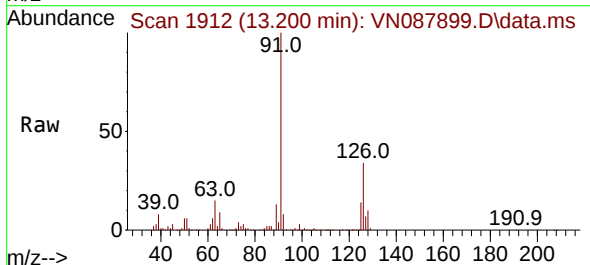
Instrument :
 MSVOA_N
 ClientSampleId :

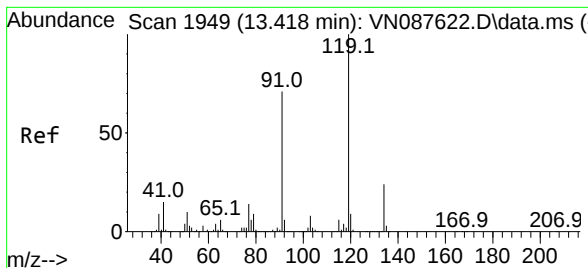
Tgt Ion: 75 Resp: 98318
 Ion Ratio Lower Upper
 75 100
 53 108.7 101.8 152.6
 89 47.8 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 48.034 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Tgt Ion: 91 Resp: 689384
 Ion Ratio Lower Upper
 91 100
 126 34.1 15.6 46.8

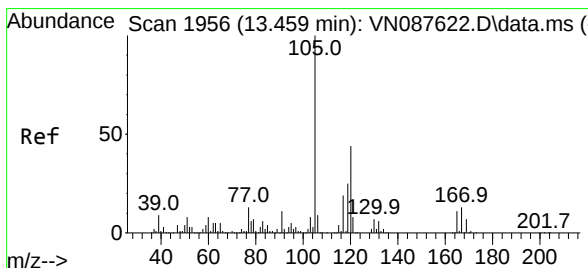
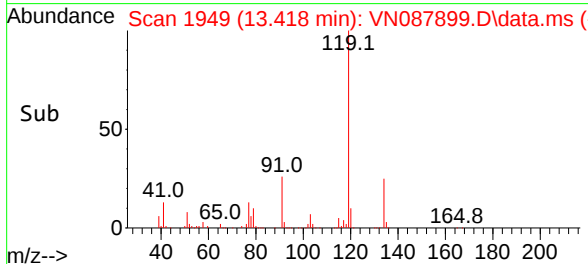
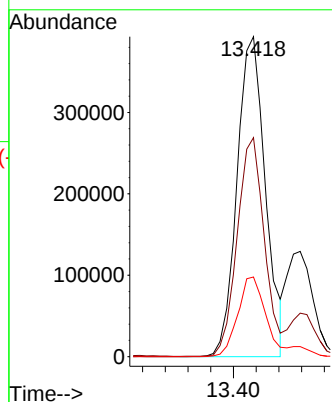
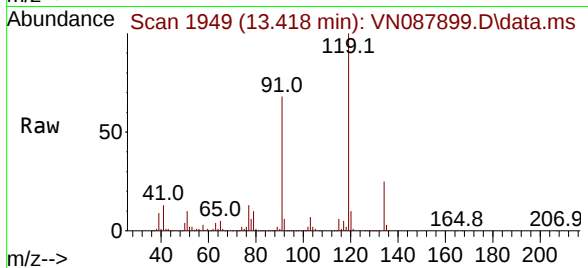




#83
tert-Butylbenzene
Concen: 52.327 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

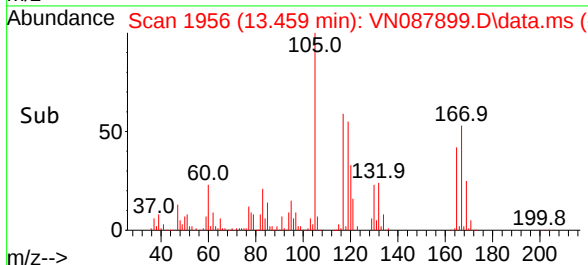
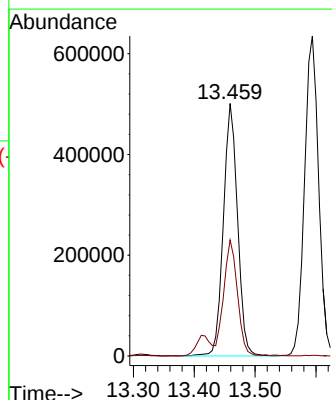
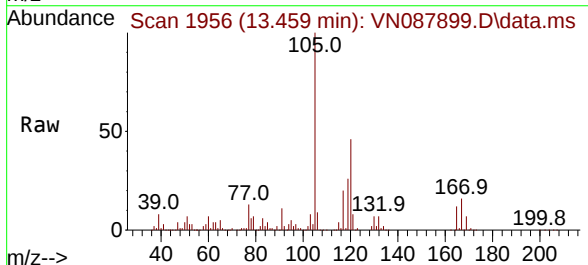
Instrument :
MSVOA_N
ClientSampleId :

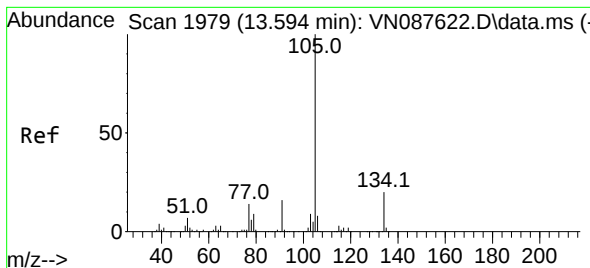
Tgt Ion:119 Resp: 681203
Ion Ratio Lower Upper
119 100
91 65.4 35.0 105.0
134 24.5 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 51.903 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087899.D
Acq: 19 Sep 2025 10:10

Tgt Ion:105 Resp: 811685
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.709 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

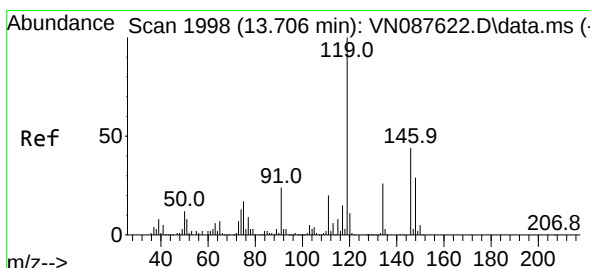
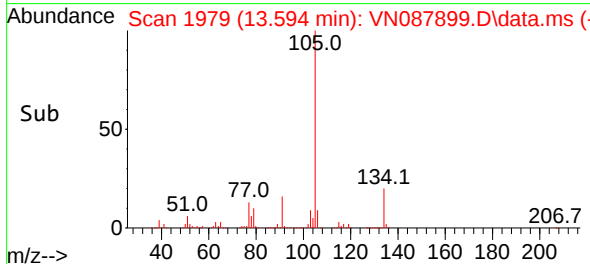
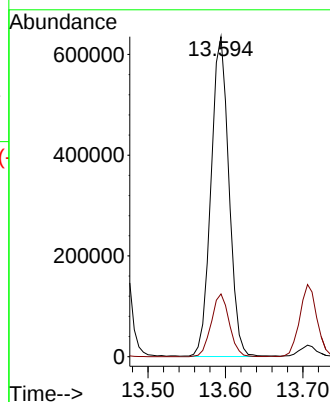
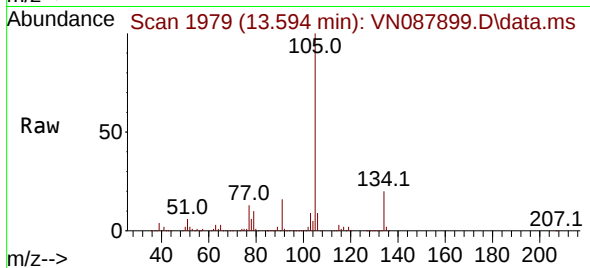
ClientSampleId :

Tgt Ion:105 Resp: 1018276

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.6



#86

p-Isopropyltoluene

Concen: 54.073 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

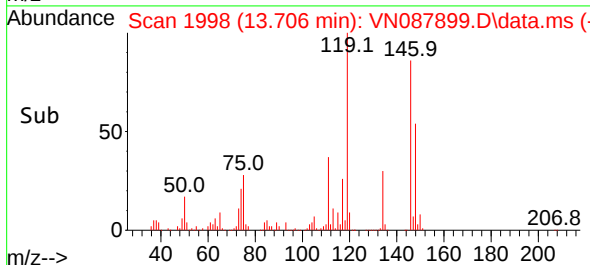
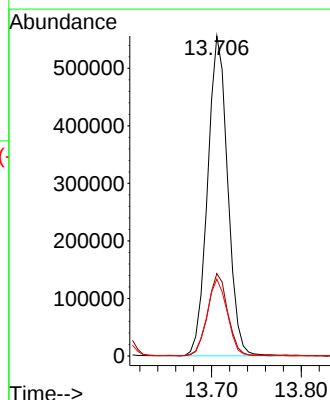
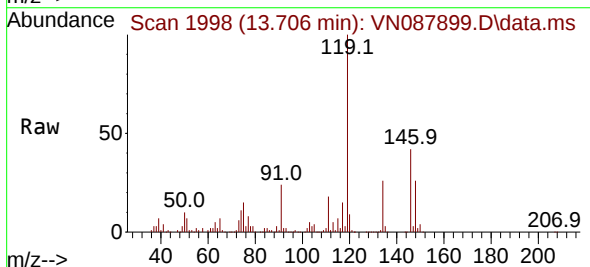
Tgt Ion:119 Resp: 862592

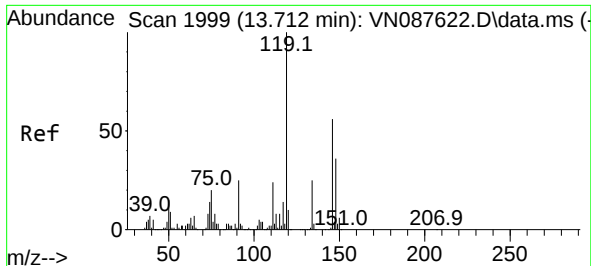
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 23.9 12.5 37.5

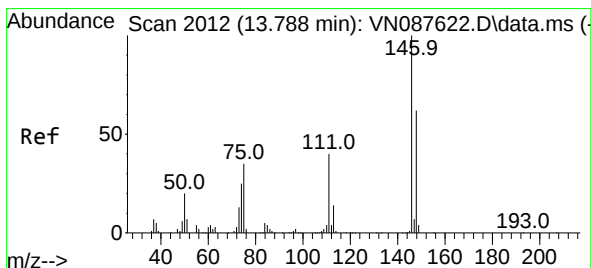
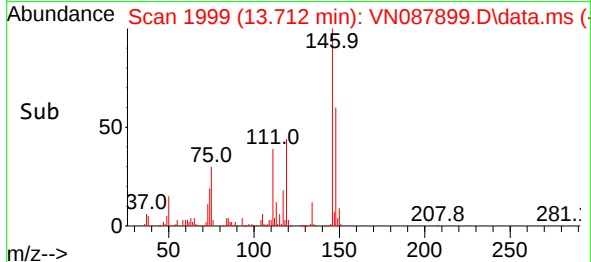
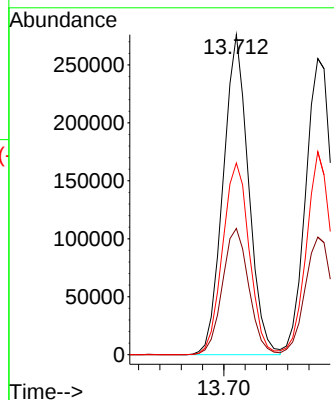
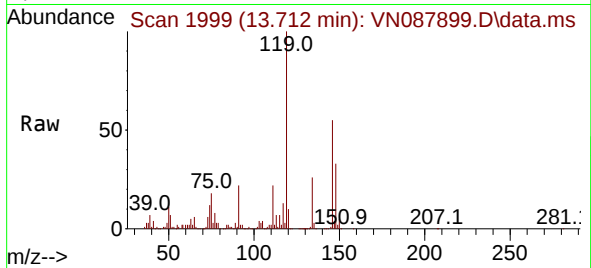




#87
 1,3-Dichlorobenzene
 Concen: 53.442 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

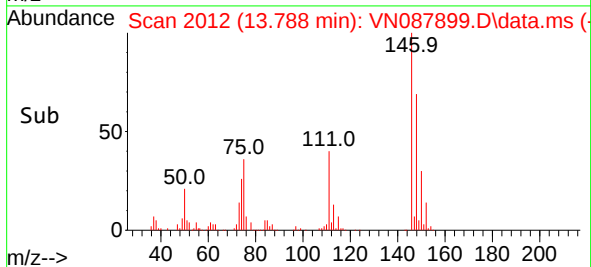
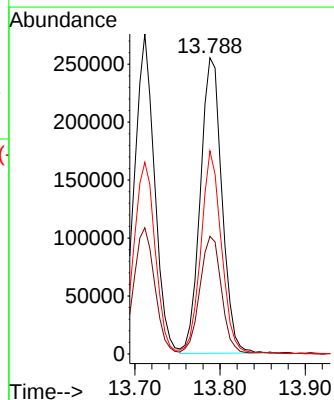
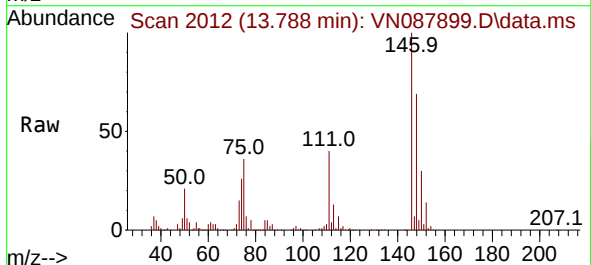
Instrument :
 MSVOA_N
 ClientSampleId :

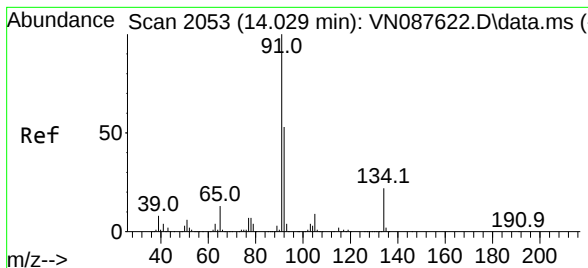
Tgt Ion:146 Resp: 456968
 Ion Ratio Lower Upper
 146 100
 111 41.1 22.1 66.5
 148 62.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.414 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Tgt Ion:146 Resp: 448599
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.0 63.0
 148 65.6 32.0 96.0





#89

n-Butylbenzene

Concen: 51.468 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

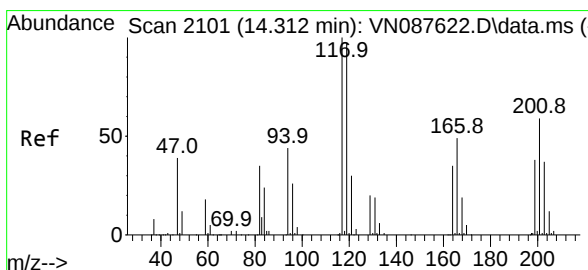
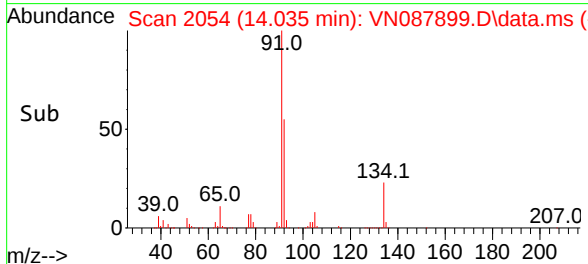
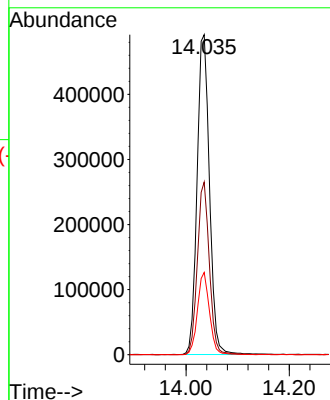
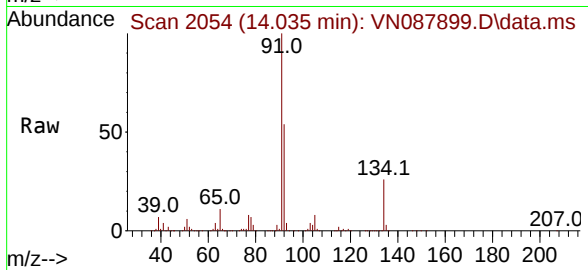
Tgt Ion: 91 Resp: 815427

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 25.0 11.7 35.0



#90

Hexachloroethane

Concen: 54.131 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087899.D

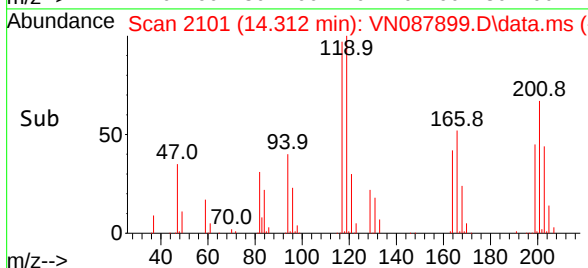
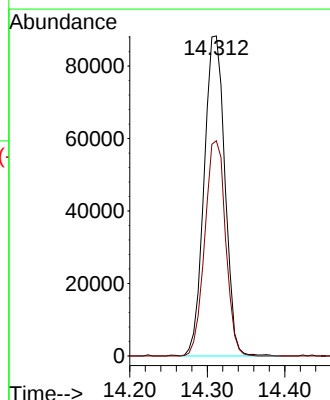
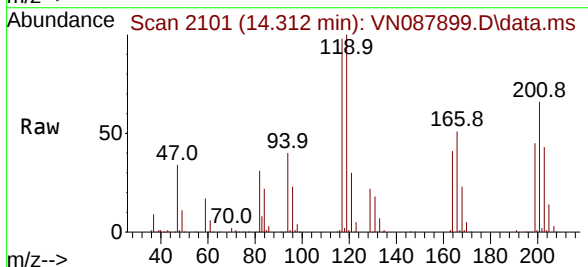
Acq: 19 Sep 2025 10:10

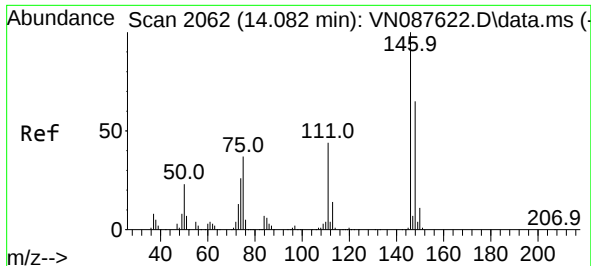
Tgt Ion: 117 Resp: 164516

Ion Ratio Lower Upper

117 100

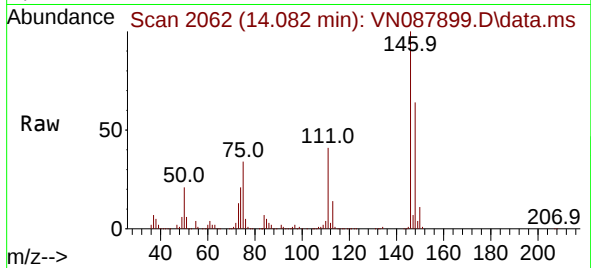
201 67.2 29.1 87.4



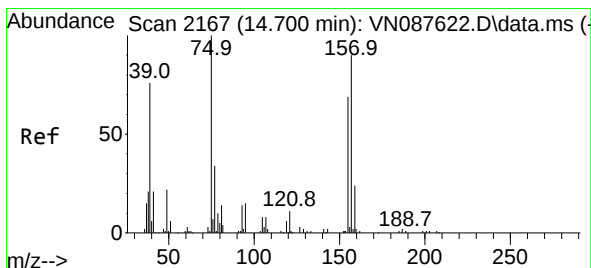
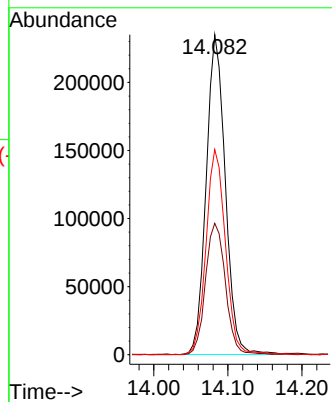
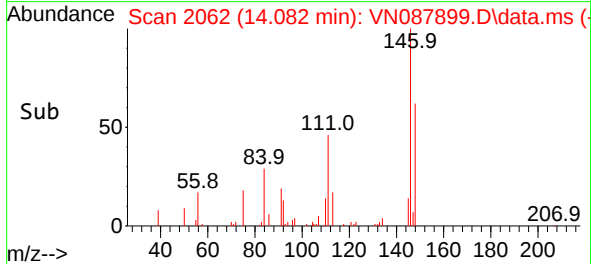


#91
 1,2-Dichlorobenzene
 Concen: 51.845 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Instrument :
 MSVOA_N
 ClientSampleId :

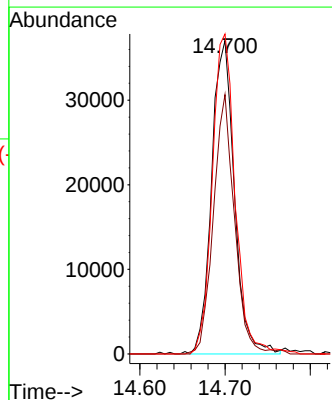
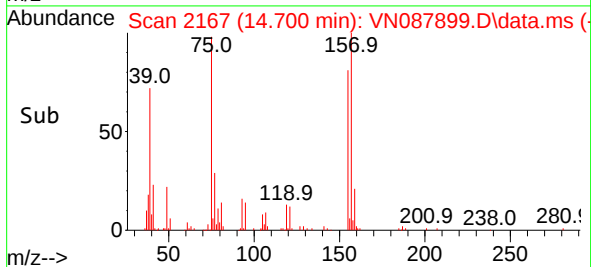
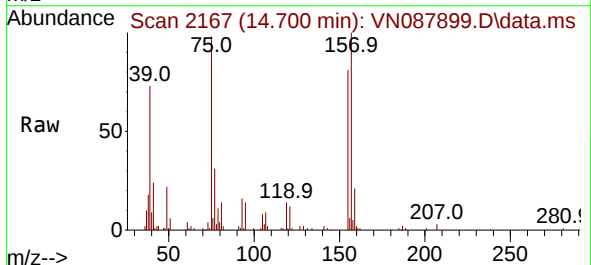


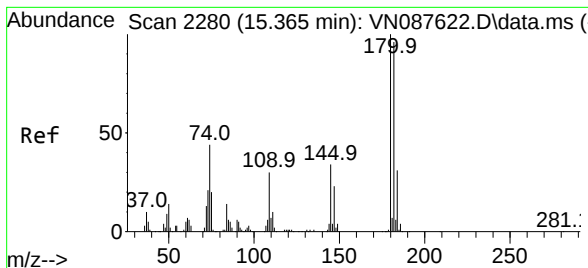
Tgt Ion:146 Resp: 420568
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.6 67.8
 148 65.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.758 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087899.D
 Acq: 19 Sep 2025 10:10

Tgt Ion: 75 Resp: 68917
 Ion Ratio Lower Upper
 75 100
 155 77.0 36.6 109.9
 157 102.7 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 53.530 ug/l

RT: 15.365 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

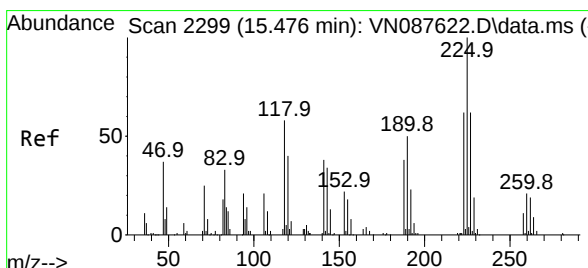
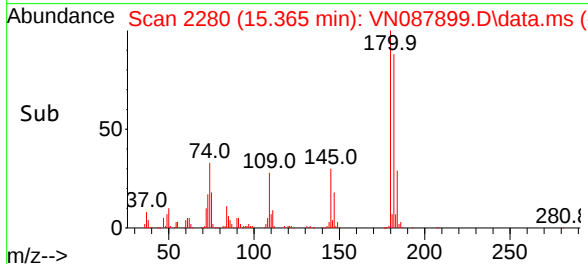
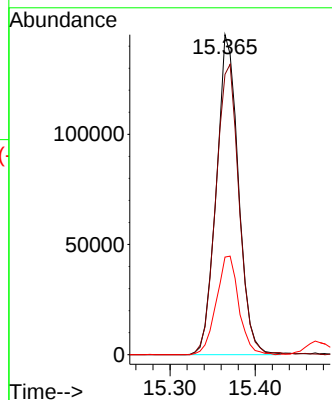
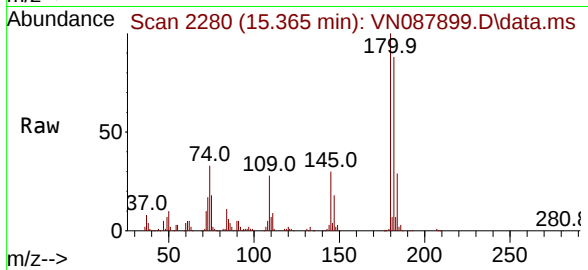
Tgt Ion:180 Resp: 260759

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 31.5 16.5 49.5



#94

Hexachlorobutadiene

Concen: 56.517 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

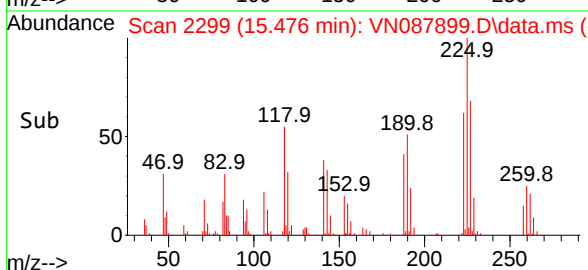
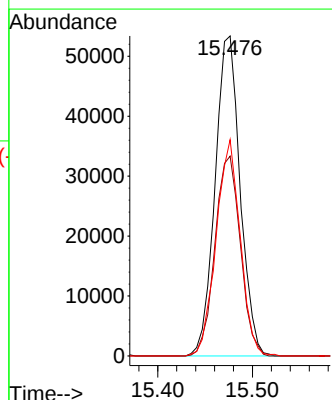
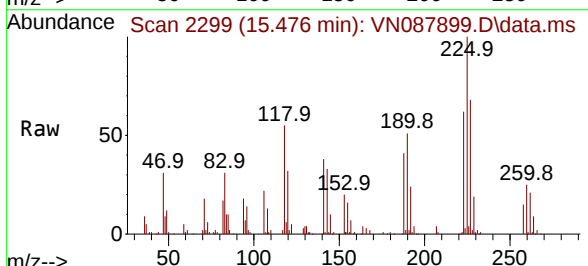
Tgt Ion:225 Resp: 98149

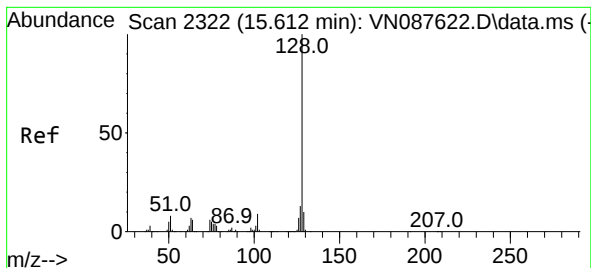
Ion Ratio Lower Upper

225 100

223 63.4 32.0 96.2

227 64.9 32.1 96.5





#95

Naphthalene

Concen: 49.380 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

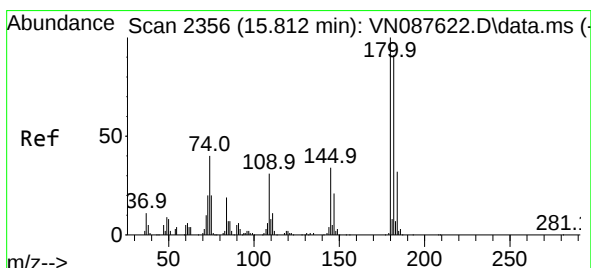
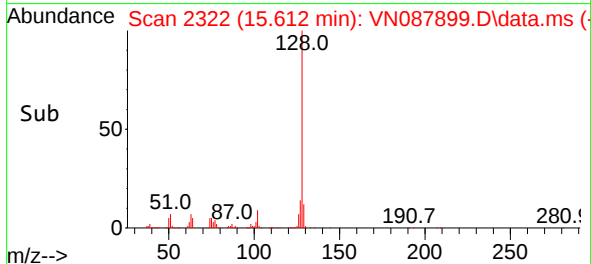
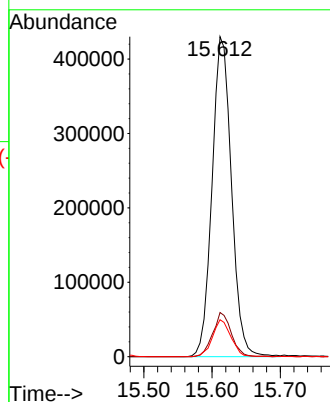
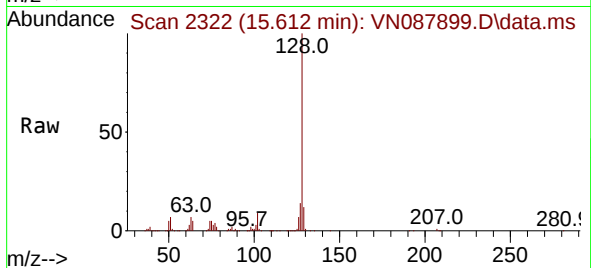
Tgt Ion:128 Resp: 852011

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.728 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087899.D

Acq: 19 Sep 2025 10:10

Tgt Ion:180 Resp: 246335

Ion Ratio Lower Upper

180 100

182 95.6 46.8 140.3

145 34.4 17.3 52.0

