

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086945.D
 Acq On : 11 Jun 2025 14:01
 Operator : JC\MD
 Sample : VN0611WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD02

Quant Time: Jun 12 01:32:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	199904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	128166	47.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.780%
35) Dibromofluoromethane	8.177	113	109657	52.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	10.571	98	411227	49.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.847	95	154682	50.121	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.153	85	38145	19.138	ug/l	96
3) Chloromethane	2.400	50	39948	15.521	ug/l	99
4) Vinyl Chloride	2.553	62	49695	18.717	ug/l	97
5) Bromomethane	3.000	94	24041	16.181	ug/l	95
6) Chloroethane	3.153	64	32368	18.874	ug/l	100
7) Trichlorofluoromethane	3.530	101	66071	19.047	ug/l	96
8) Diethyl Ether	3.977	74	29872	19.765	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	40831	18.735	ug/l	97
10) Methyl Iodide	4.612	142	36500	12.919	ug/l	100
11) Tert butyl alcohol	5.541	59	71180	98.012	ug/l	100
12) 1,1-Dichloroethene	4.365	96	42515	19.108	ug/l	92
13) Acrolein	4.200	56	22554	98.112	ug/l	100
14) Allyl chloride	5.053	41	65845	17.844	ug/l	98
15) Acrylonitrile	5.736	53	167429	98.634	ug/l	100
16) Acetone	4.447	43	131189	92.428	ug/l	97
17) Carbon Disulfide	4.736	76	105790	17.189	ug/l	98
18) Methyl Acetate	5.047	43	83025	20.072	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	162549	20.177	ug/l	99
20) Methylene Chloride	5.300	84	50840	19.132	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	46018	18.589	ug/l	99
22) Diisopropyl ether	6.688	45	152785	19.643	ug/l	98
23) Vinyl Acetate	6.618	43	656574	99.908	ug/l	98
24) 1,1-Dichloroethane	6.588	63	86331	19.287	ug/l	99
25) 2-Butanone	7.494	43	218999	94.923	ug/l	99
26) 2,2-Dichloropropane	7.506	77	74316	21.343	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	57947	19.573	ug/l	97
28) Bromochloromethane	7.824	49	46411	21.088	ug/l	97
29) Tetrahydrofuran	7.853	42	145366	96.721	ug/l	98
30) Chloroform	7.977	83	86604	19.374	ug/l	100
31) Cyclohexane	8.265	56	74510	17.164	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	71441	18.790	ug/l	98
36) 1,1-Dichloropropene	8.382	75	60912	19.481	ug/l	99
37) Ethyl Acetate	7.571	43	80010	20.102	ug/l	99
38) Carbon Tetrachloride	8.371	117	59839	19.494	ug/l	96
39) Methylcyclohexane	9.606	83	71058	16.588	ug/l	97
40) Benzene	8.612	78	200940	19.653	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	46047	20.600	ug/l	98
42) 1,2-Dichloroethane	8.677	62	63066	20.336	ug/l	100
43) Isopropyl Acetate	8.694	43	127320	19.930	ug/l	99
44) Trichloroethene	9.359	130	48830	20.141	ug/l	97
45) 1,2-Dichloropropane	9.624	63	49815	20.027	ug/l	95
46) Dibromomethane	9.712	93	35176	21.290	ug/l	99
47) Bromodichloromethane	9.894	83	70222	20.658	ug/l	99
48) Methyl methacrylate	9.688	41	56099	19.079	ug/l	95
49) 1,4-Dioxane	9.700	88	24300	454.282	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	399735	103.940	ug/l	99
52) Toluene	10.629	92	124298	19.893	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	78850	20.744	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	84225	20.709	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	50307	20.924	ug/l	97
56) Ethyl methacrylate	10.882	69	79449	20.747	ug/l	97
57) 1,3-Dichloropropane	11.165	76	85222	20.434	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	241856	105.889	ug/l	99
59) 2-Hexanone	11.206	43	232463	93.840	ug/l	95
60) Dibromochloromethane	11.359	129	53154	21.220	ug/l	100
61) 1,2-Dibromoethane	11.470	107	51056	20.718	ug/l	99
64) Tetrachloroethene	11.106	164	36363	18.499	ug/l	98
65) Chlorobenzene	11.894	112	138224	20.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	45014	20.442	ug/l	99
67) Ethyl Benzene	11.965	91	227138	19.250	ug/l	100
68) m/p-Xylenes	12.070	106	178421	39.501	ug/l	98
69) o-Xylene	12.400	106	86537	20.004	ug/l	100
70) Styrene	12.412	104	152236	20.565	ug/l	98
71) Bromoform	12.582	173	36528	22.388	ug/l #	98
73) Isopropylbenzene	12.694	105	213019	19.276	ug/l	100
74) N-amyl acetate	12.529	43	69705	18.051	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	81389	21.740	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	108666	30.137	ug/l	67
77) Bromobenzene	12.976	156	54030	21.319	ug/l	98
78) n-propylbenzene	13.035	91	257426	19.168	ug/l	99
79) 2-Chlorotoluene	13.123	91	157627	19.571	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	175428	19.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29703	18.963	ug/l	95
82) 4-Chlorotoluene	13.223	91	162421	19.931	ug/l	100
83) tert-Butylbenzene	13.435	119	156588	18.749	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	177241	19.373	ug/l	99
85) sec-Butylbenzene	13.611	105	219639	18.109	ug/l	99
86) p-Isopropyltoluene	13.729	119	182853	18.238	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	102302	20.517	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	103614	20.382	ug/l	98
89) n-Butylbenzene	14.053	91	171576	17.668	ug/l	99
90) Hexachloroethane	14.329	117	31966	18.810	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	98864	20.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18610	20.786	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	57083	18.660	ug/l	99
94) Hexachlorobutadiene	15.500	225	17672	15.506	ug/l	98
95) Naphthalene	15.635	128	230927	20.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	55026	18.105	ug/l	98

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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

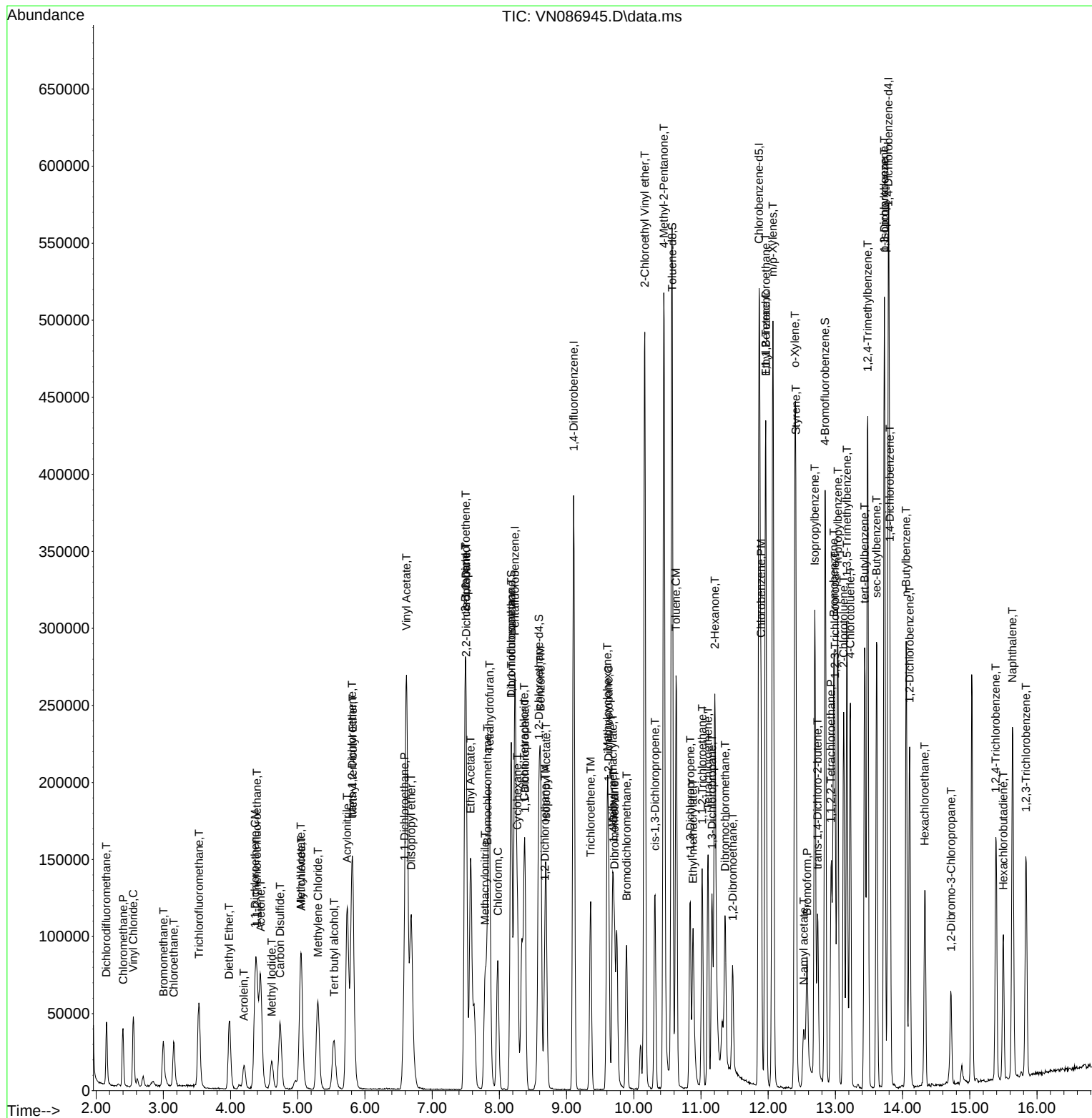
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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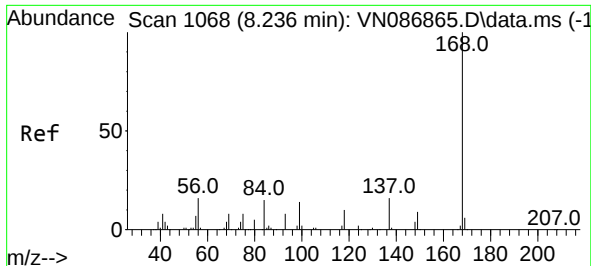
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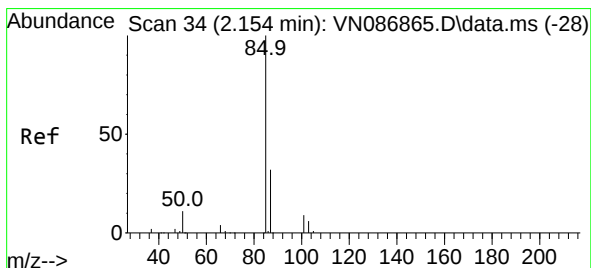
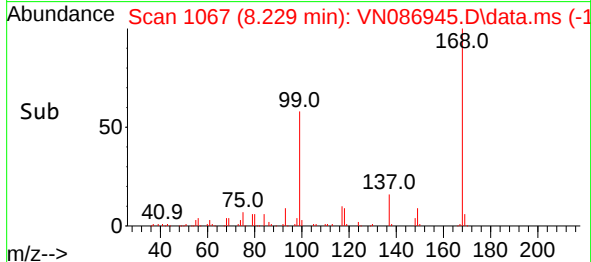
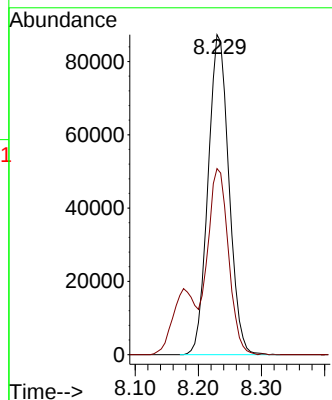
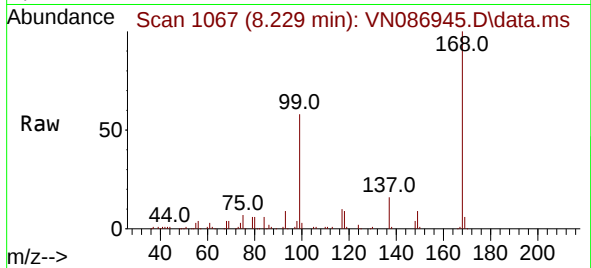




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
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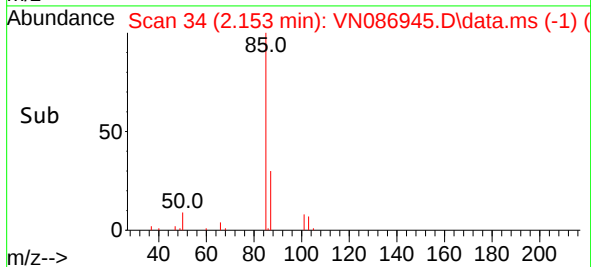
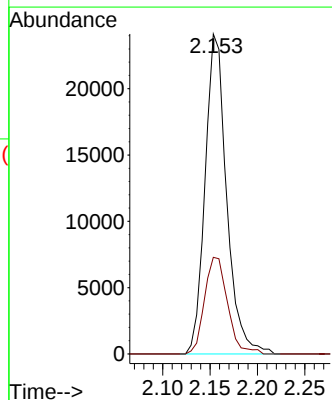
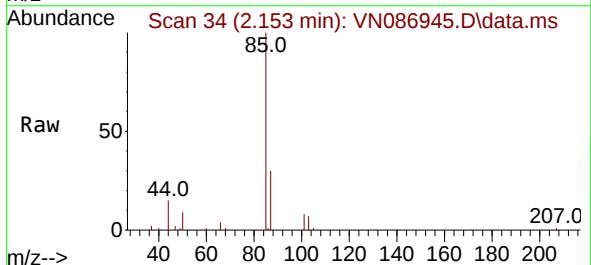
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Tgt Ion:168 Resp: 199904
Ion Ratio Lower Upper
168 100
99 58.1 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 19.138 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 85 Resp: 38145
Ion Ratio Lower Upper
85 100
87 30.2 16.2 48.6

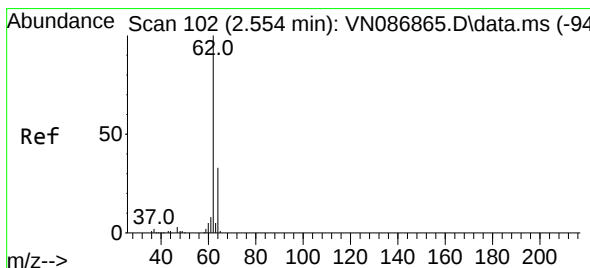
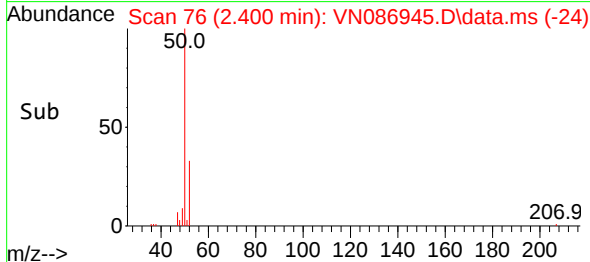
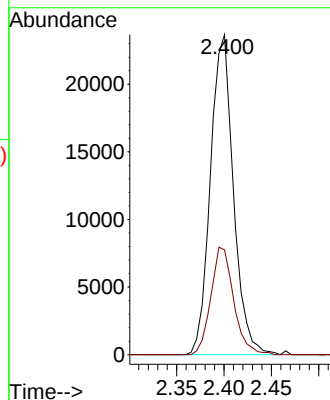
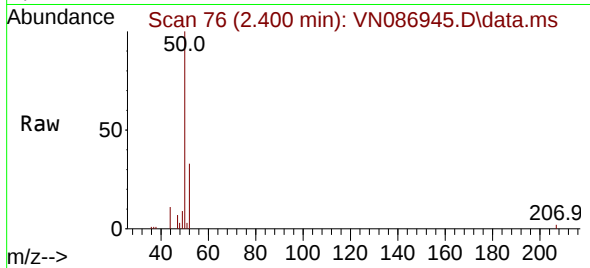




#3
Chloromethane
Concen: 15.521 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

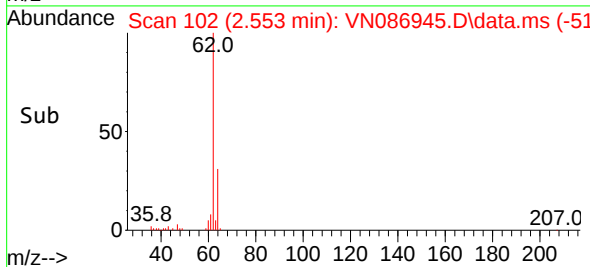
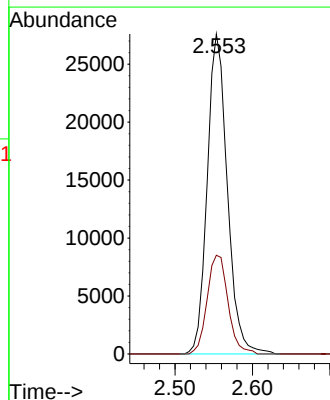
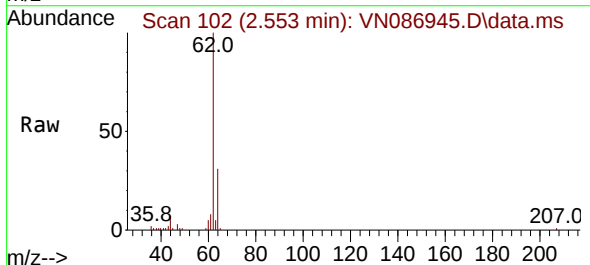
Instrument :
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ClientSampleId :
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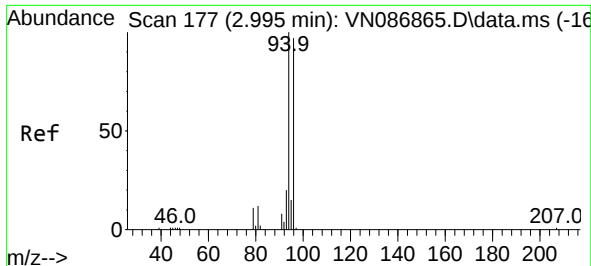
Tgt Ion: 50 Resp: 39948
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 18.717 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 62 Resp: 49695
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0

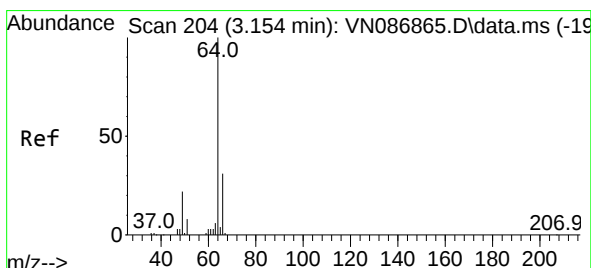
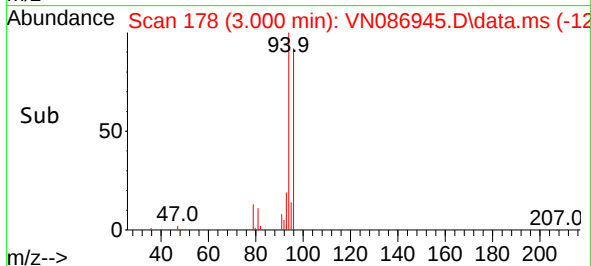
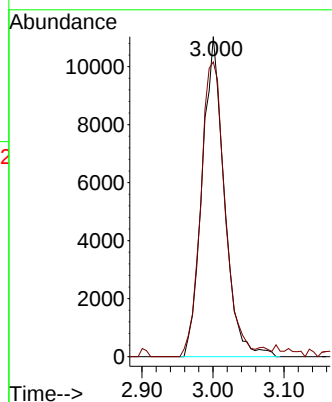
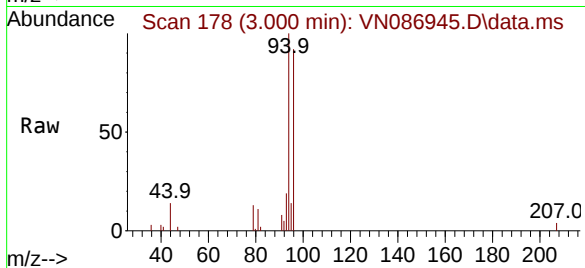




#5
Bromomethane
Concen: 16.181 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086945.D
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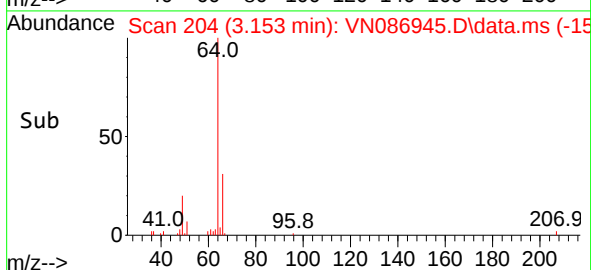
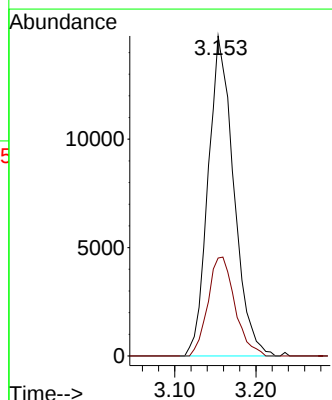
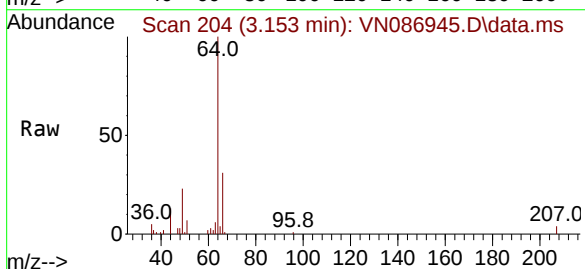
Instrument :
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Tgt Ion: 94 Resp: 24041
Ion Ratio Lower Upper
94 100
96 92.1 77.9 116.9



#6
Chloroethane
Concen: 18.874 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 64 Resp: 32368
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8

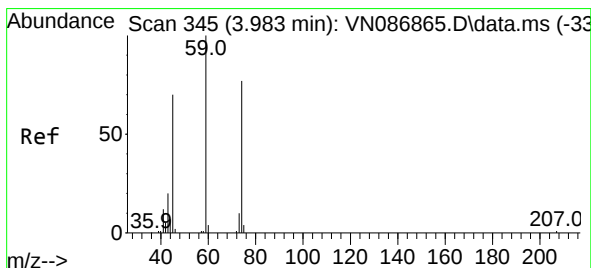
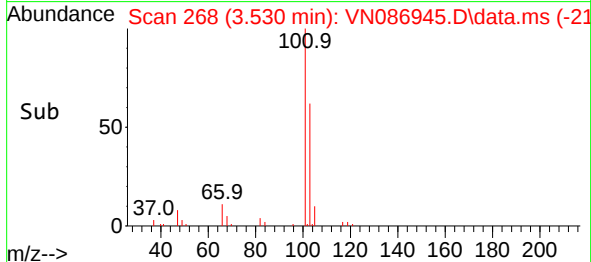
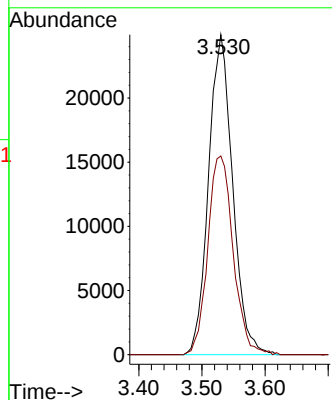
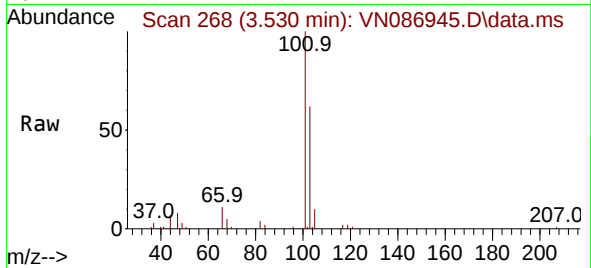




#7
Trichlorofluoromethane
Concen: 19.047 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086945.D
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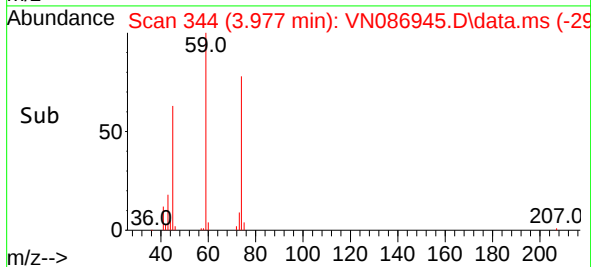
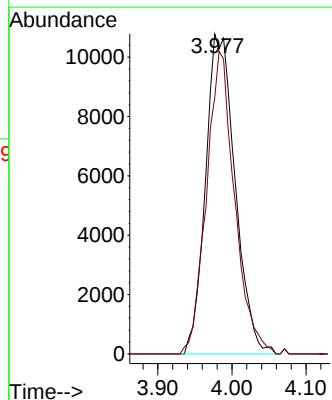
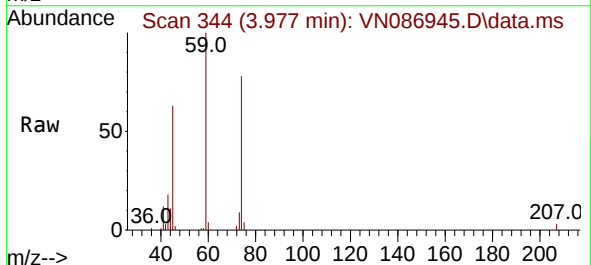
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MSVOA_N
ClientSampleId :
VN0611WBSD02

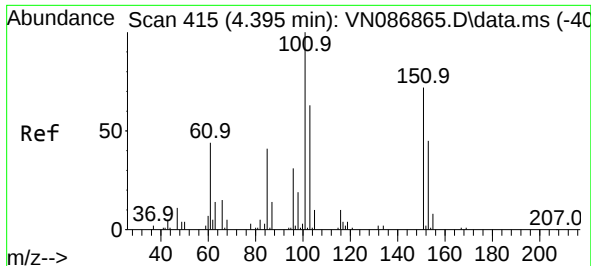
Tgt Ion:101 Resp: 66071
Ion Ratio Lower Upper
101 100
103 62.1 52.2 78.2



#8
Diethyl Ether
Concen: 19.765 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN086945.D
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Tgt Ion: 74 Resp: 29872
Ion Ratio Lower Upper
74 100
45 90.0 45.5 136.5

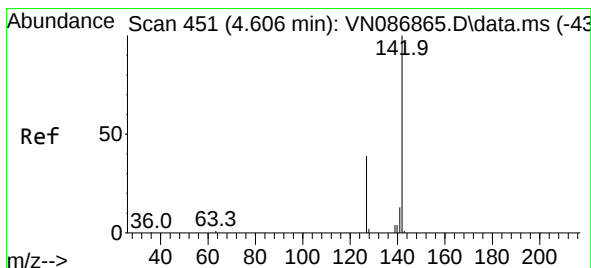
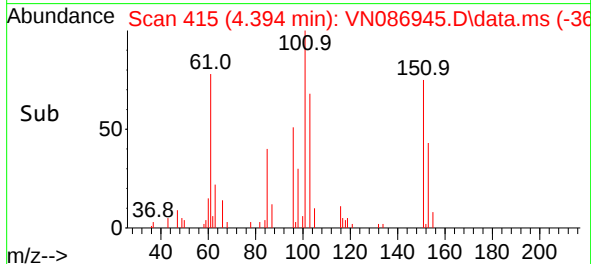
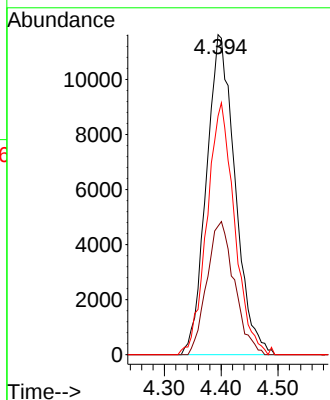
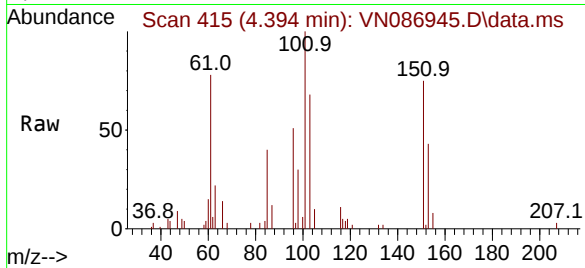




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.735 ug/l
RT: 4.394 min Scan# 415
Delta R.T. -0.000 min
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Acq: 11 Jun 2025 14:01

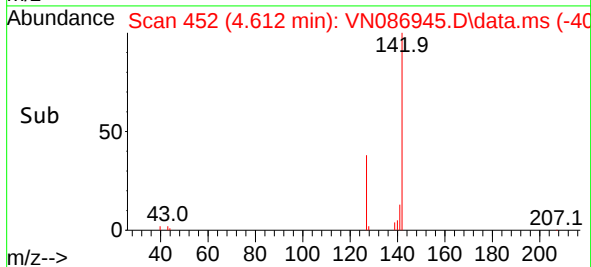
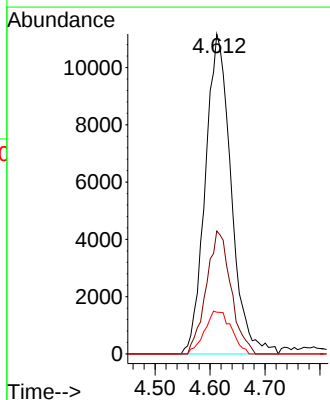
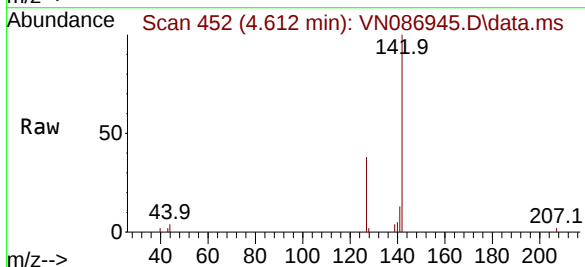
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Tgt Ion:101 Resp: 40831
Ion Ratio Lower Upper
101 100
85 39.9 33.8 50.8
151 75.2 58.7 88.1



#10
Methyl Iodide
Concen: 12.919 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:142 Resp: 36500
Ion Ratio Lower Upper
142 100
127 38.4 30.9 46.3
141 13.1 10.4 15.6

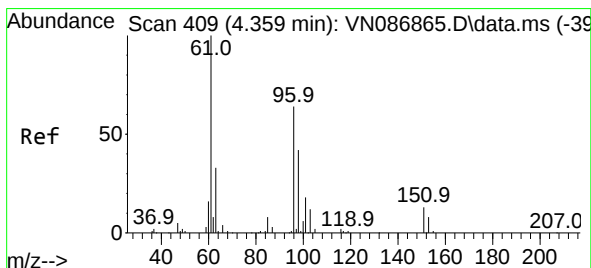
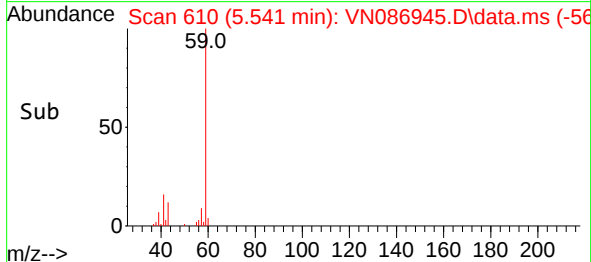
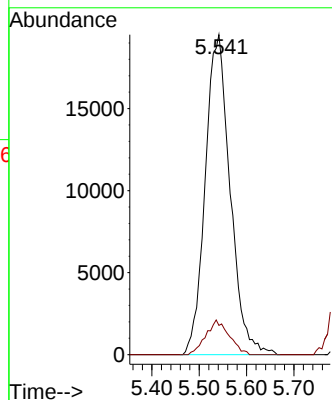
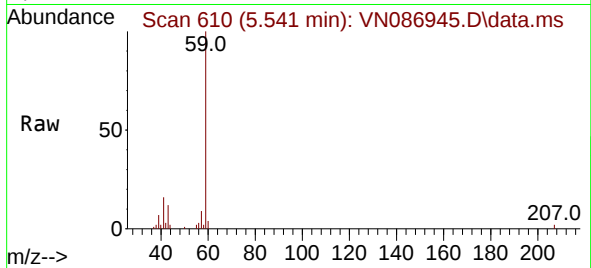




#11
Tert butyl alcohol
Concen: 98.012 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

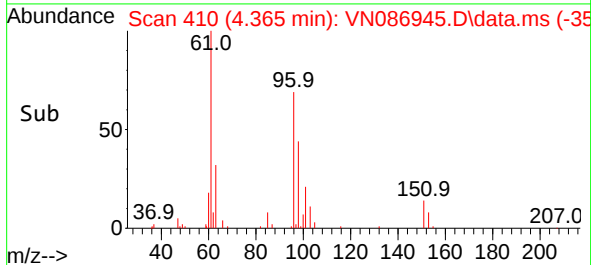
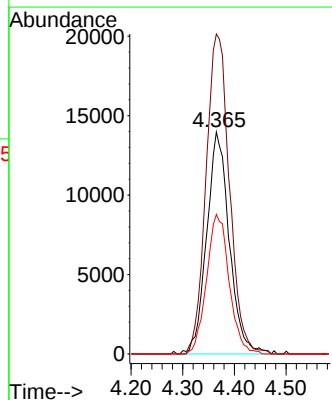
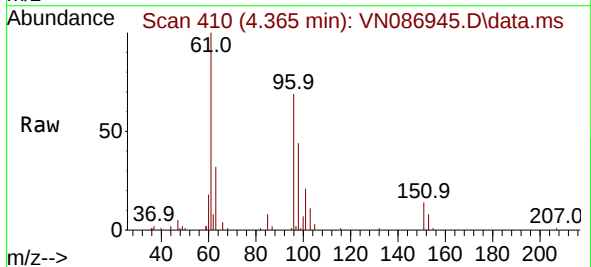
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

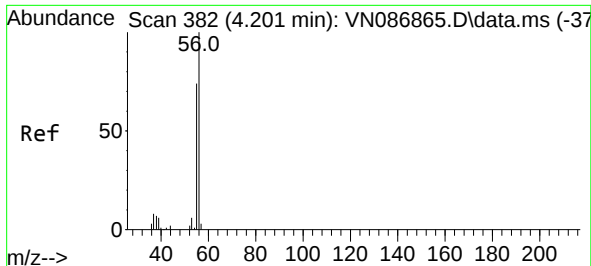
Tgt Ion: 59 Resp: 71180
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.108 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 96 Resp: 42515
Ion Ratio Lower Upper
96 100
61 144.2 125.8 188.6
98 62.9 52.5 78.7





#13

Acrolein

Concen: 98.112 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

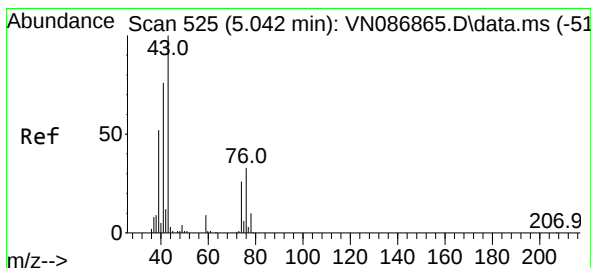
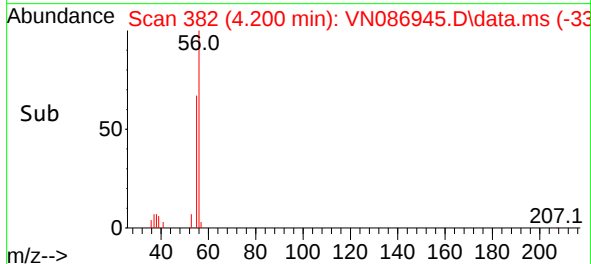
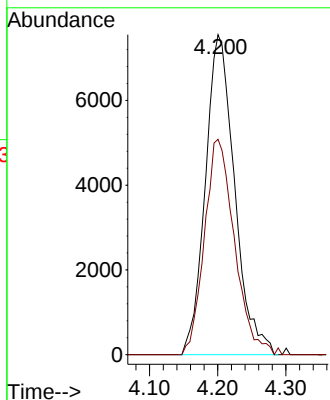
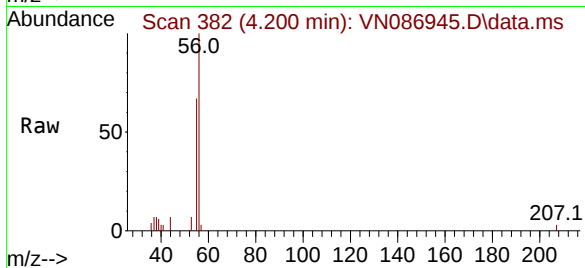
VN0611WBSD02

Tgt Ion: 56 Resp: 22554

Ion Ratio Lower Upper

56 100

55 69.3 55.6 83.4



#14

Allyl chloride

Concen: 17.844 ug/l

RT: 5.053 min Scan# 527

Delta R.T. 0.012 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

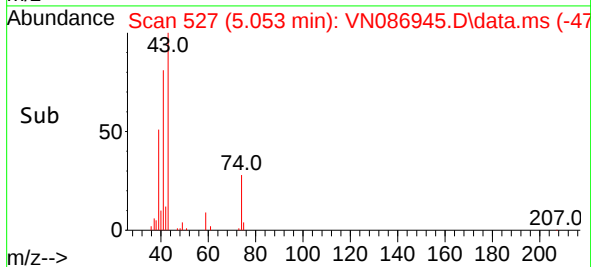
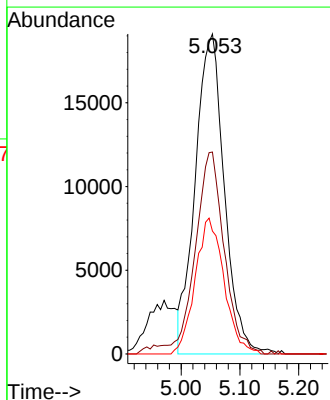
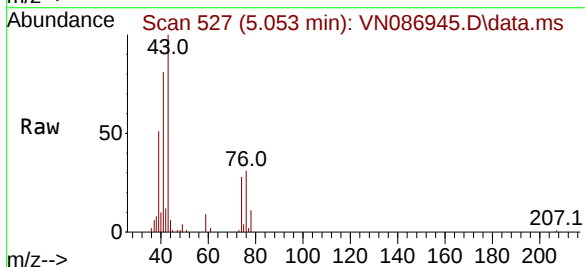
Tgt Ion: 41 Resp: 65845

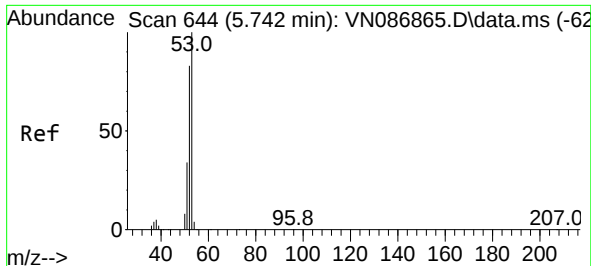
Ion Ratio Lower Upper

41 100

39 64.2 51.3 76.9

76 42.0 31.4 47.0

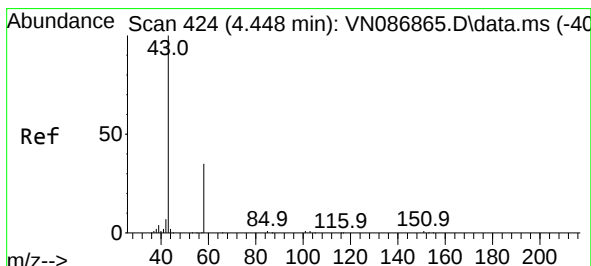
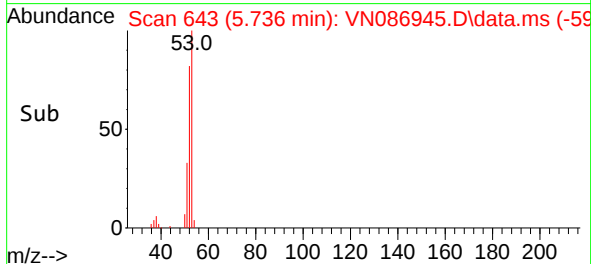
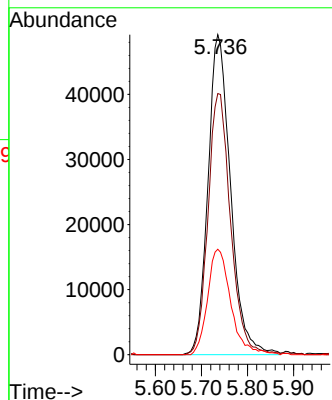
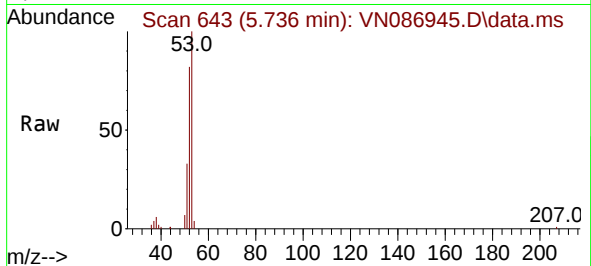




#15
Acrylonitrile
Concen: 98.634 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

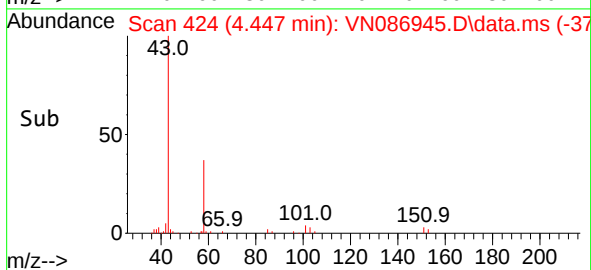
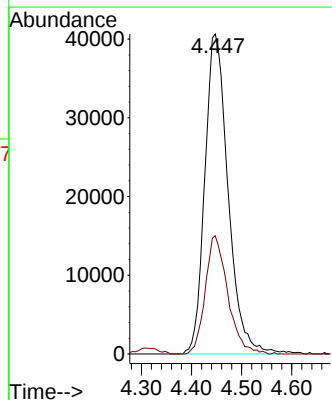
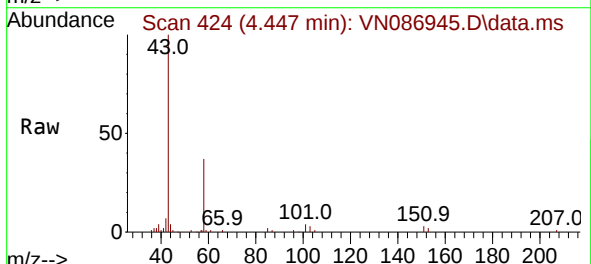
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Tgt Ion: 53 Resp: 167429
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.6
51 33.9 27.2 40.8



#16
Acetone
Concen: 92.428 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 43 Resp: 131189
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0

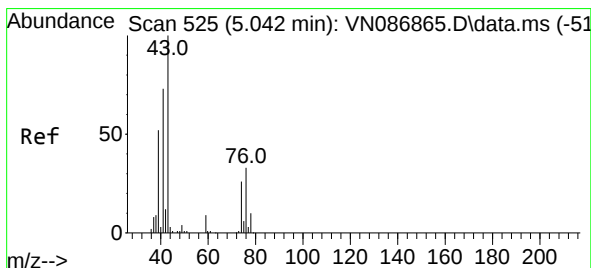
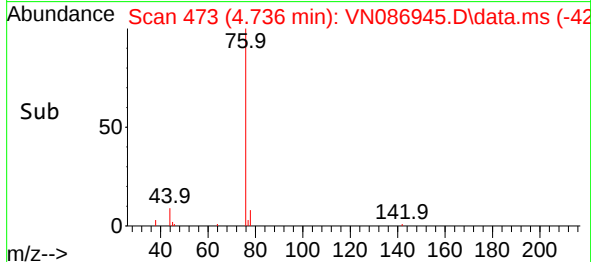
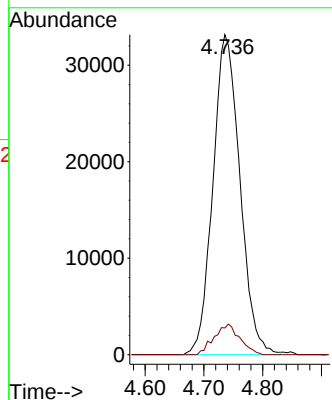
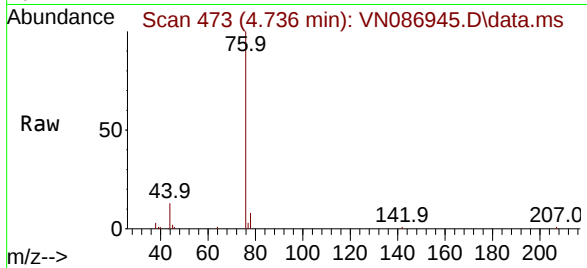




#17
Carbon Disulfide
Concen: 17.189 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

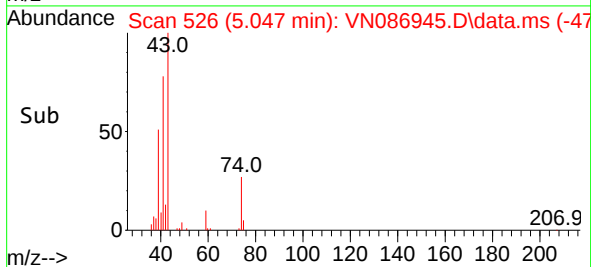
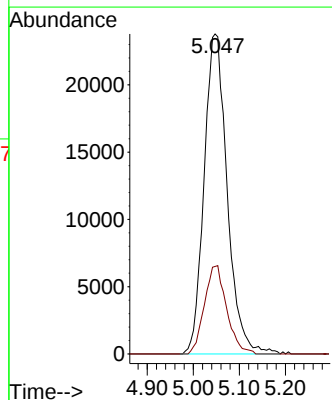
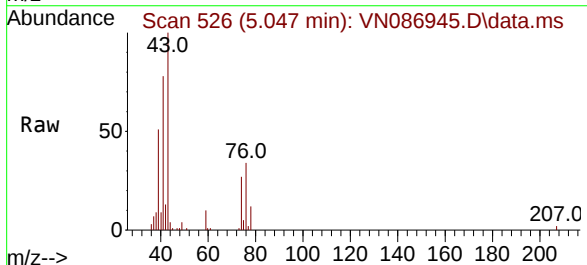
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

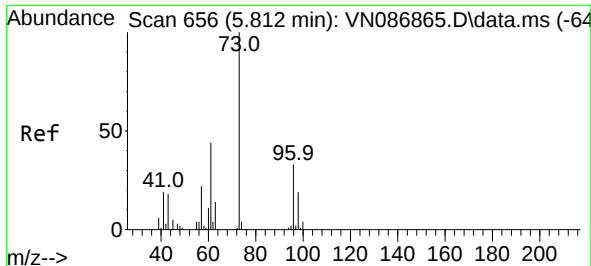
Tgt Ion: 76 Resp: 105790
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 20.072 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 43 Resp: 83025
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1

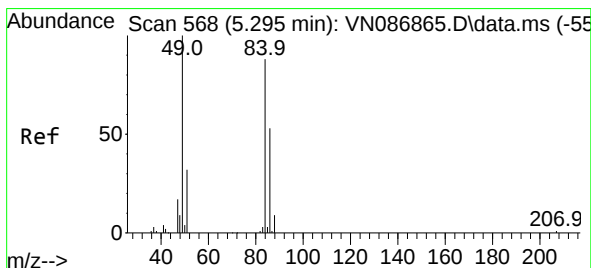
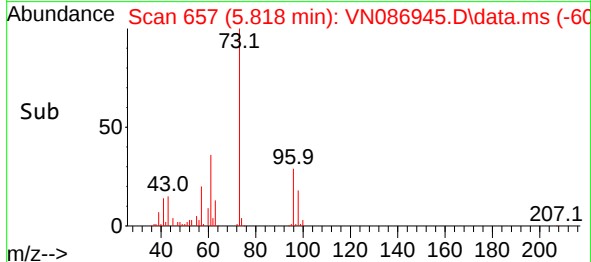
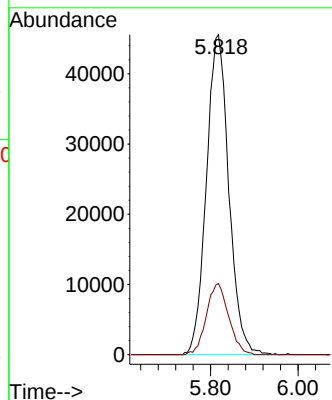
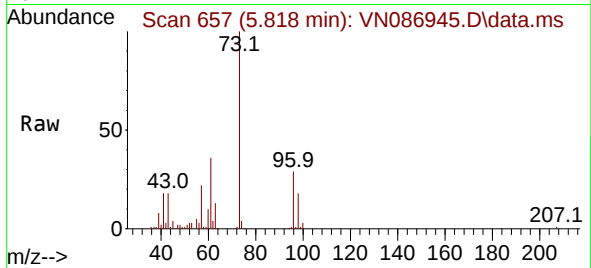




#19
Methyl tert-butyl Ether
Concen: 20.177 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

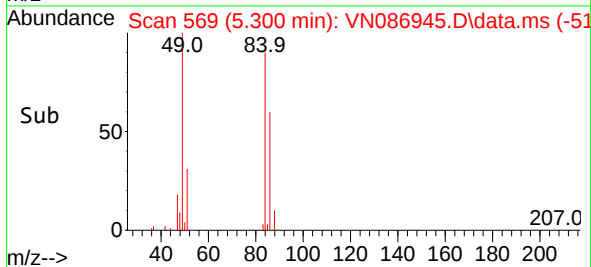
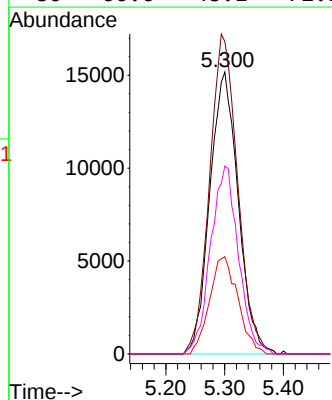
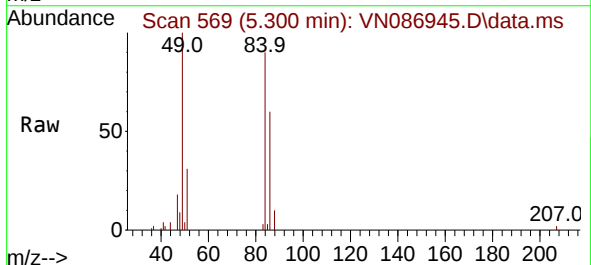
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

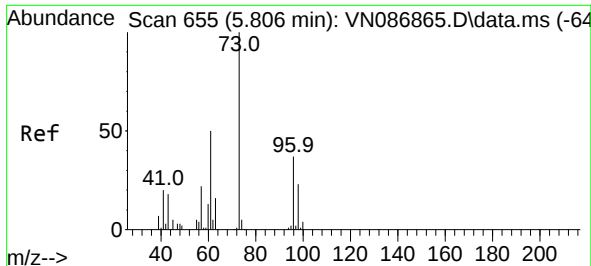
Tgt Ion: 73 Resp: 162549
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2



#20
Methylene Chloride
Concen: 19.132 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 84 Resp: 50840
Ion Ratio Lower Upper
84 100
49 110.8 90.5 135.7
51 34.5 28.5 42.7
86 66.6 48.1 72.1

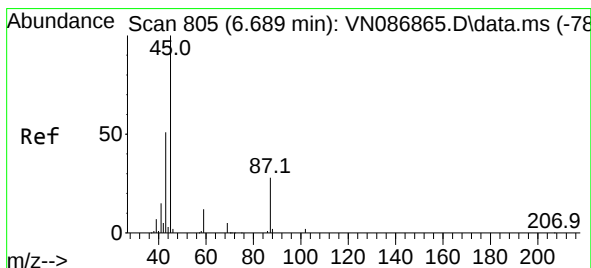
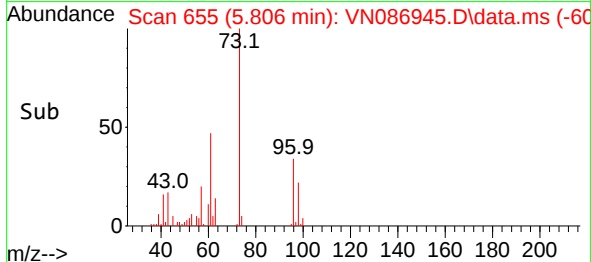
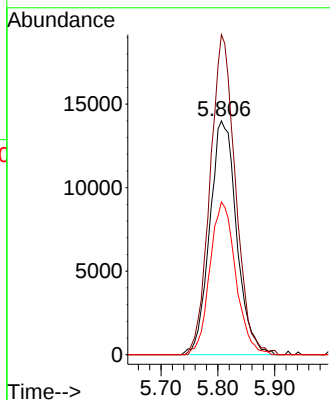
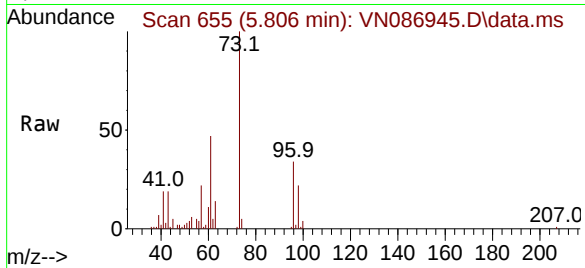




#21
trans-1,2-Dichloroethene
Concen: 18.589 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

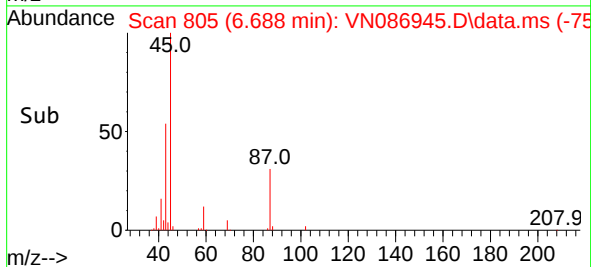
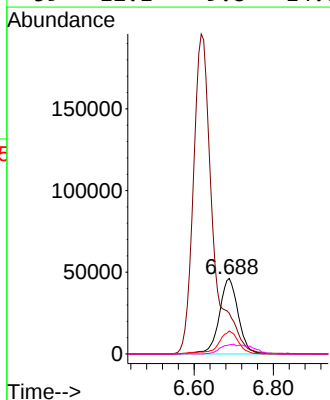
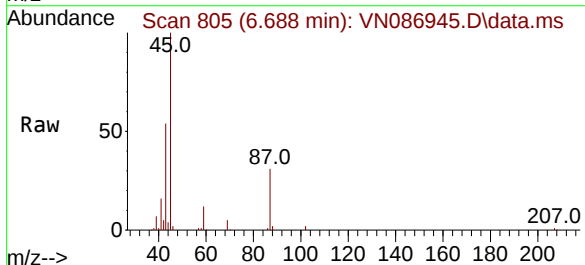
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Tgt Ion: 96 Resp: 46018
Ion Ratio Lower Upper
96 100
61 136.9 109.2 163.8
98 65.3 49.8 74.8



#22
Diisopropyl ether
Concen: 19.643 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 45 Resp: 152785
Ion Ratio Lower Upper
45 100
43 53.3 41.9 62.9
87 30.6 22.4 33.6
59 12.1 9.8 14.6

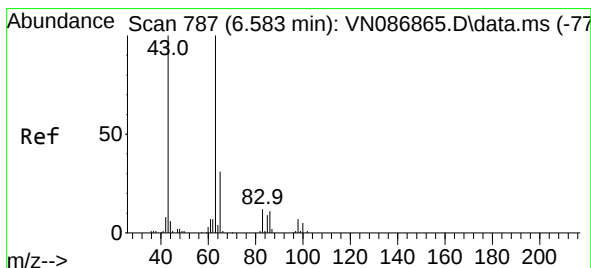
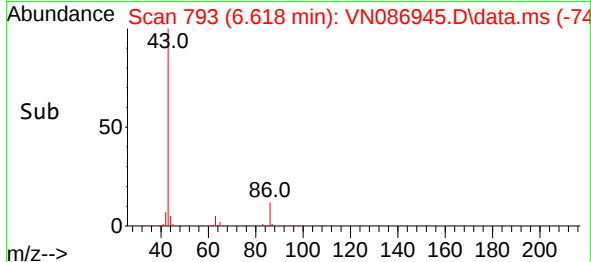
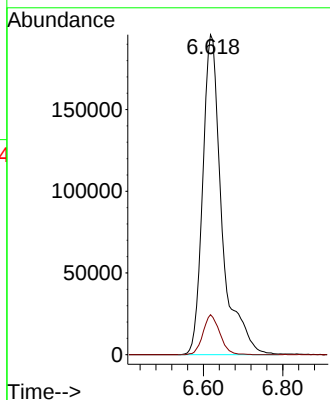
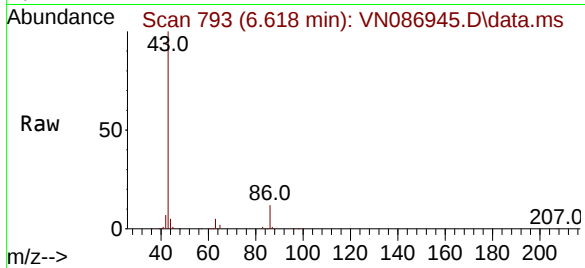




#23
 Vinyl Acetate
 Concen: 99.908 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

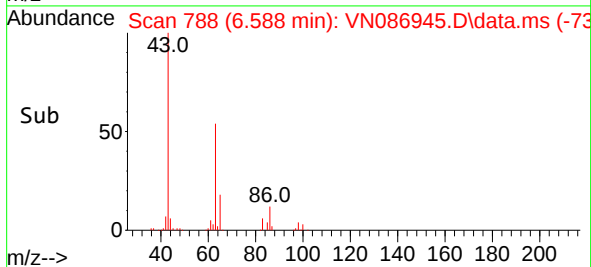
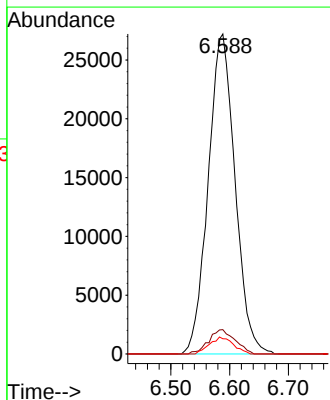
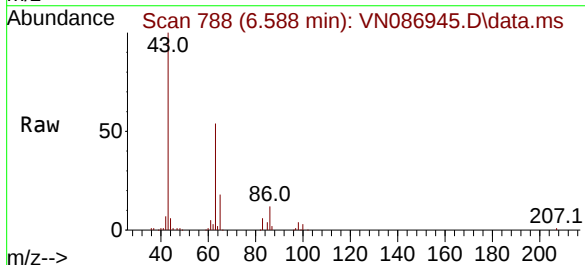
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD02

Tgt Ion: 43 Resp: 656574
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 19.287 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

Tgt Ion: 63 Resp: 86331
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.8 2.6 7.8

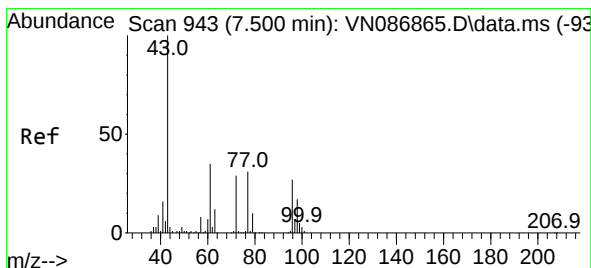
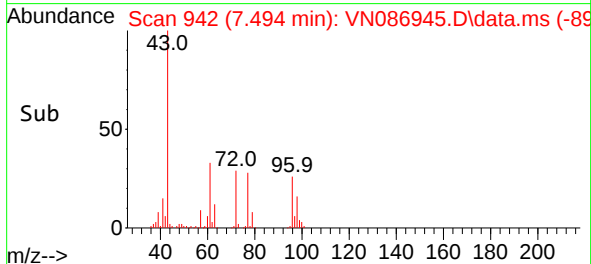
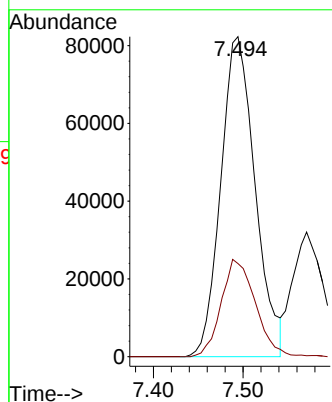
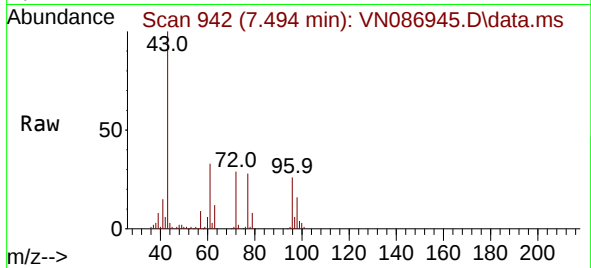




#25
2-Butanone
Concen: 94.923 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

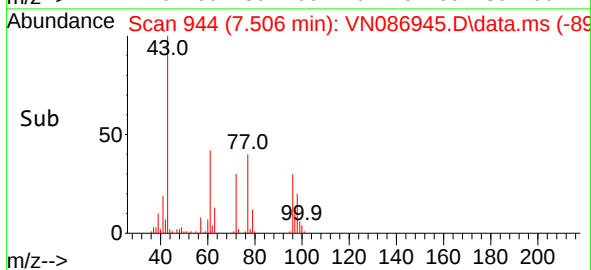
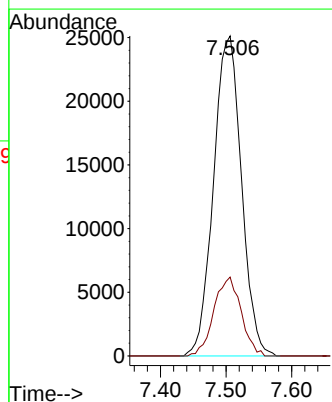
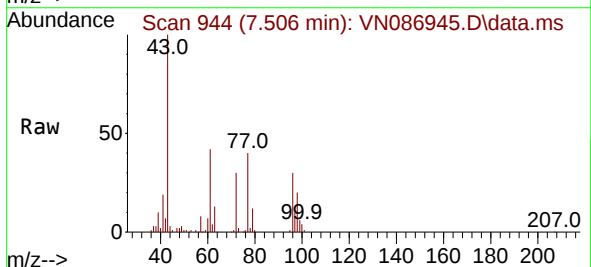
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

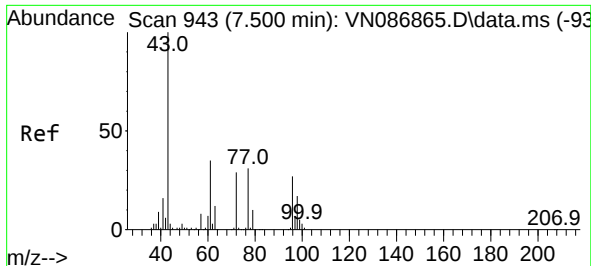
Tgt Ion: 43 Resp: 218999
Ion Ratio Lower Upper
43 100
72 29.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 21.343 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 77 Resp: 74316
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7

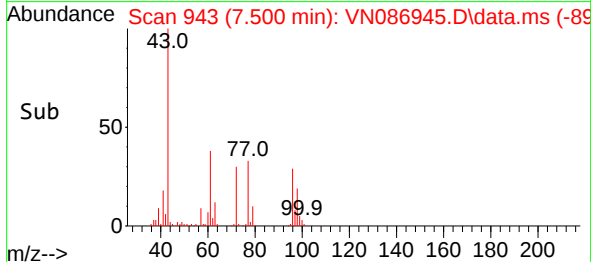
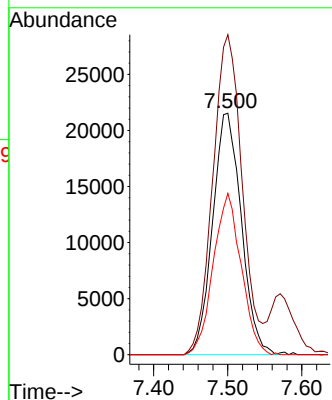
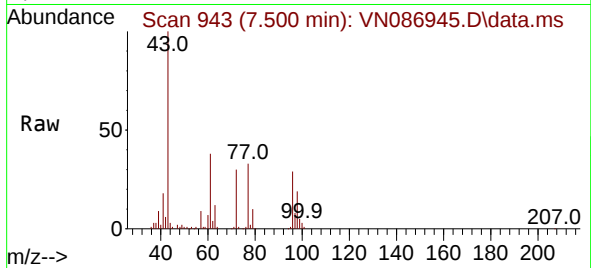




#27
 cis-1,2-Dichloroethene
 Concen: 19.573 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

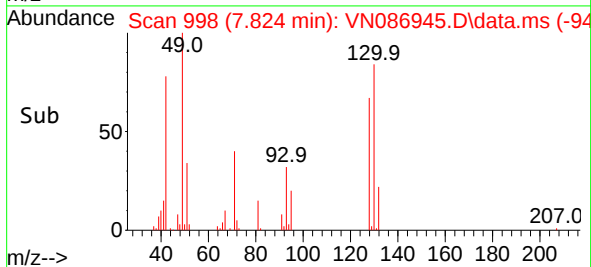
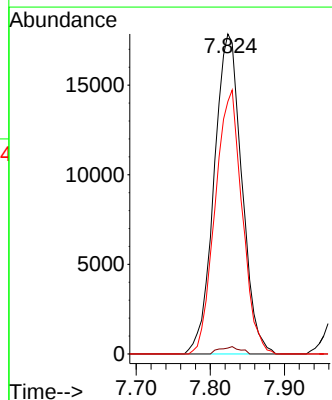
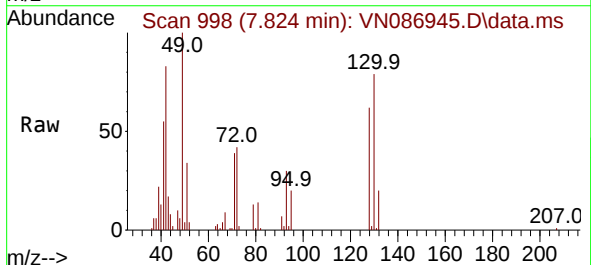
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD02

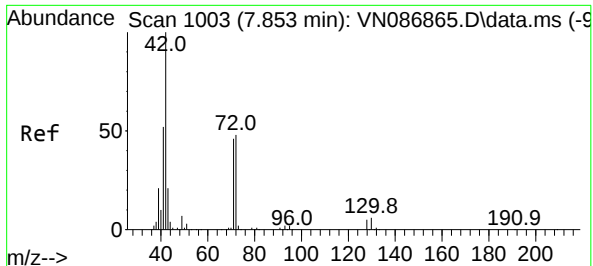
Tgt Ion: 96 Resp: 57947
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 278.0
 98 65.0 0.0 128.2



#28
 Bromochloromethane
 Concen: 21.088 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

Tgt Ion: 49 Resp: 46411
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 80.4 62.2 93.2





#29

Tetrahydrofuran

Concen: 96.721 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

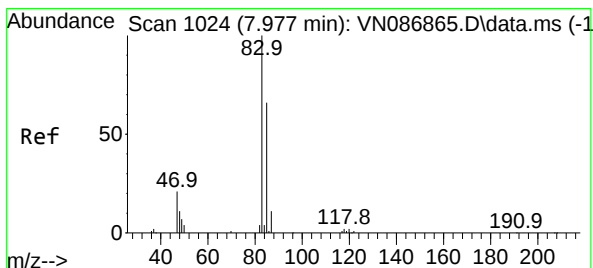
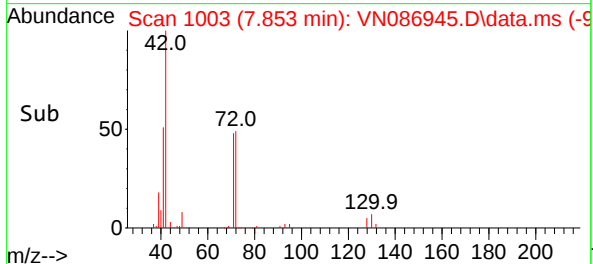
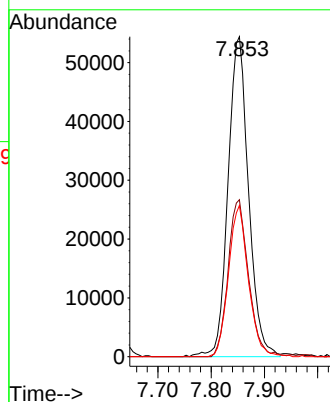
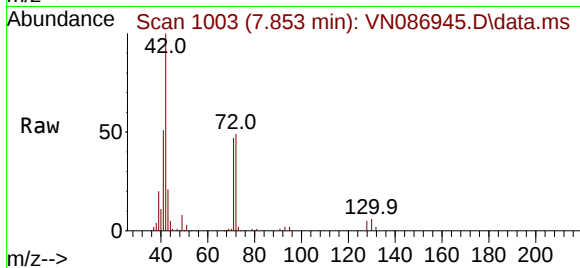
Tgt Ion: 42 Resp: 145366

Ion Ratio Lower Upper

42 100

72 48.9 37.8 56.6

71 46.0 35.6 53.4



#30

Chloroform

Concen: 19.374 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086945.D

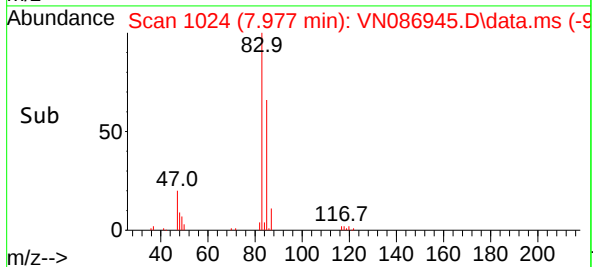
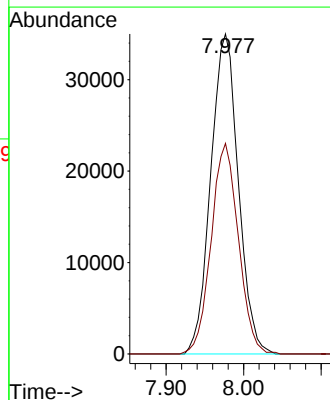
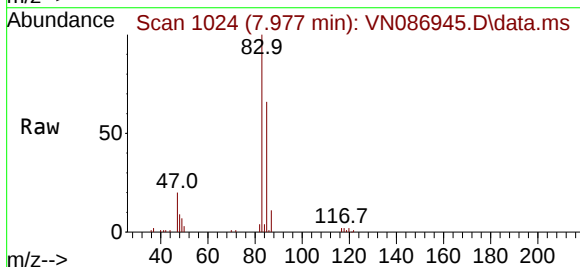
Acq: 11 Jun 2025 14:01

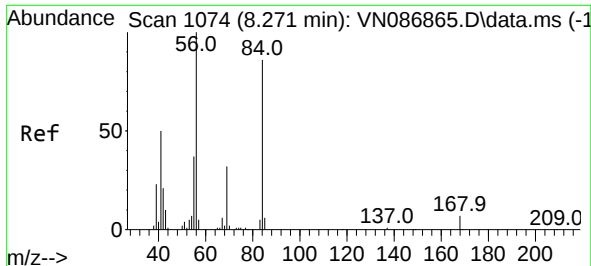
Tgt Ion: 83 Resp: 86604

Ion Ratio Lower Upper

83 100

85 65.8 52.9 79.3

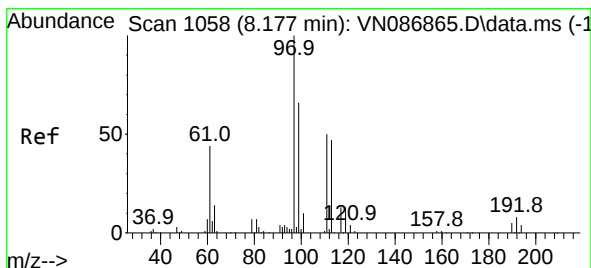
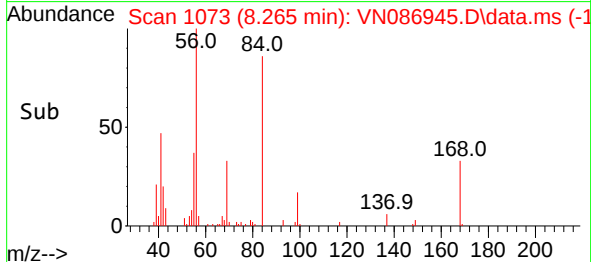
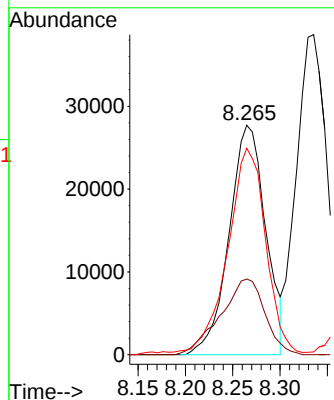
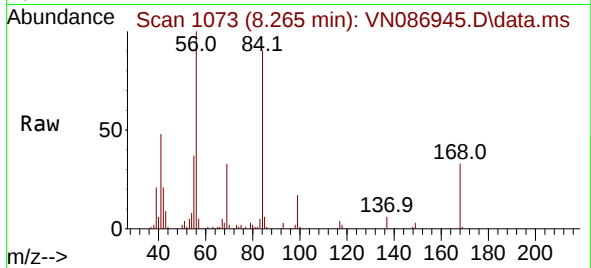




#31
Cyclohexane
Concen: 17.164 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

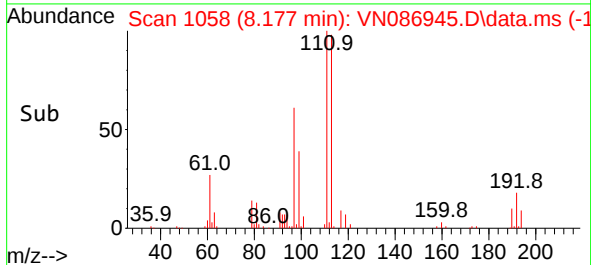
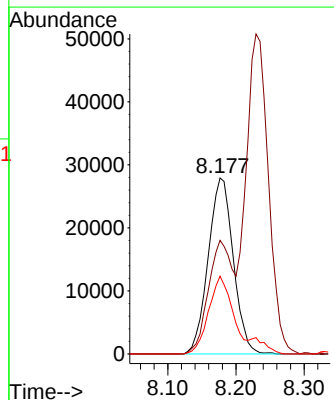
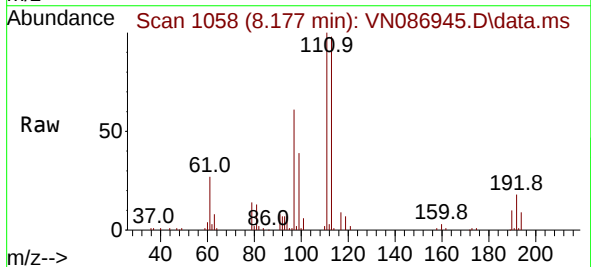
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

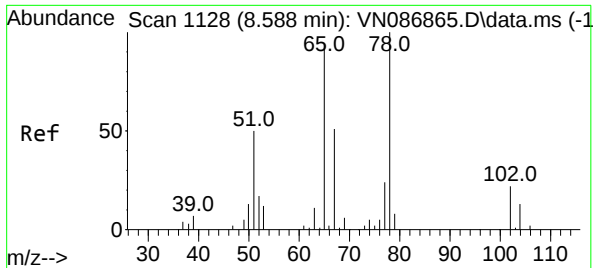
Tgt Ion: 56 Resp: 74510
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.0
84 88.3 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 18.790 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 97 Resp: 71441
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 42.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.886 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

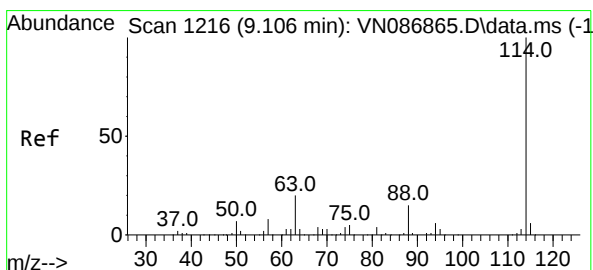
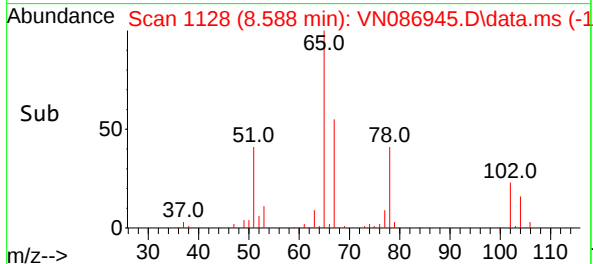
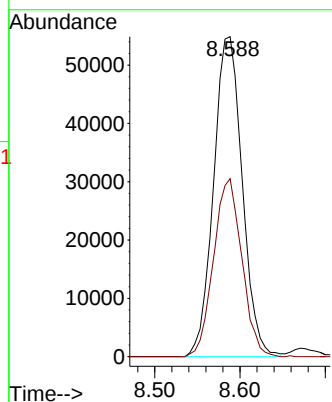
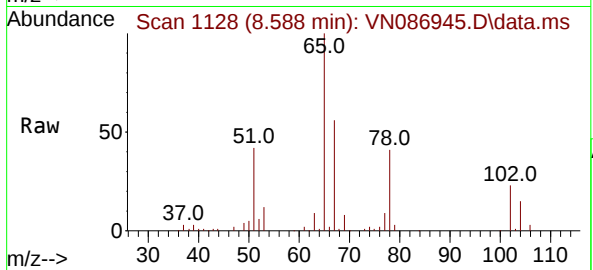
VN0611WBSD02

Tgt Ion: 65 Resp: 128166

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

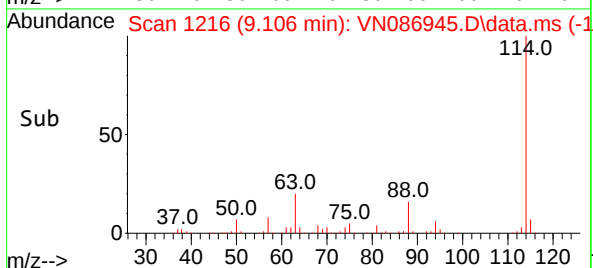
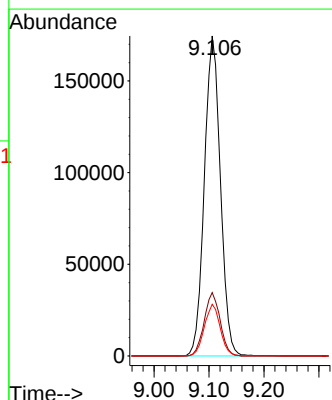
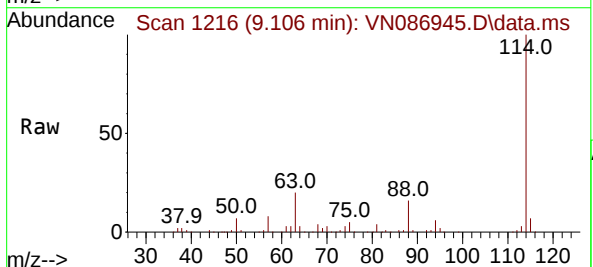
Tgt Ion: 114 Resp: 354069

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.1 0.0 30.2

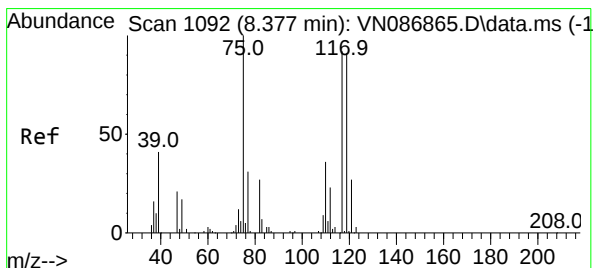
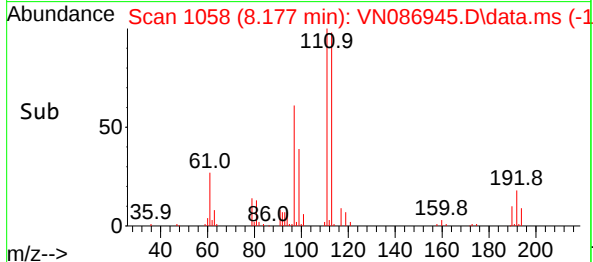
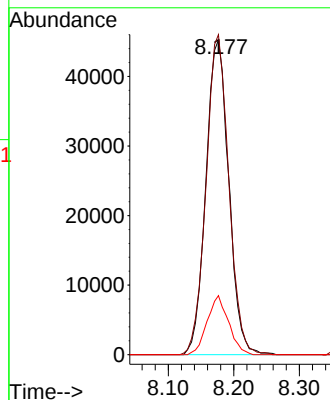
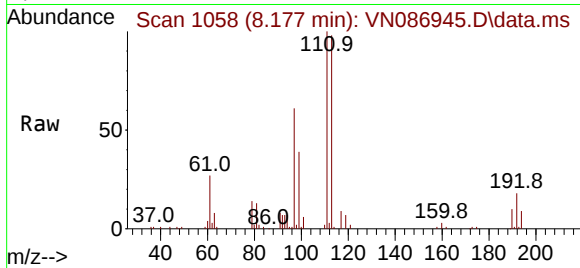




#35
Dibromofluoromethane
Concen: 52.260 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

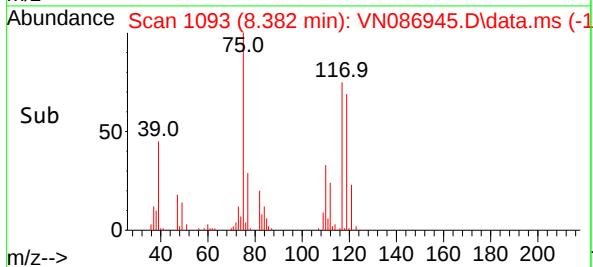
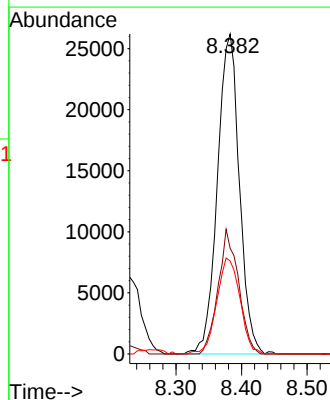
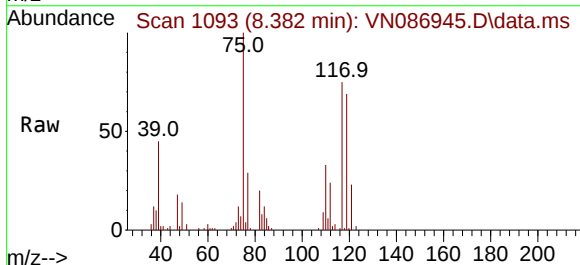
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

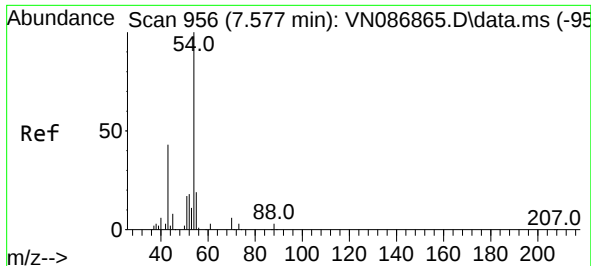
Tgt Ion:113 Resp: 109657
Ion Ratio Lower Upper
113 100
111 101.1 84.2 126.2
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 19.481 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 75 Resp: 60912
Ion Ratio Lower Upper
75 100
110 36.1 17.6 52.9
77 31.6 25.3 37.9

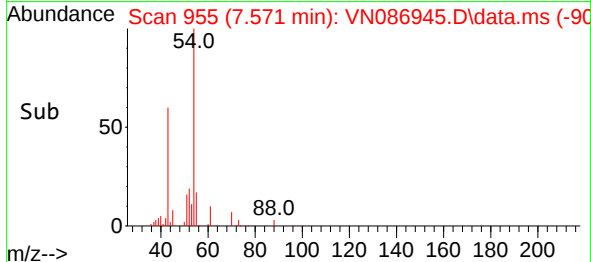
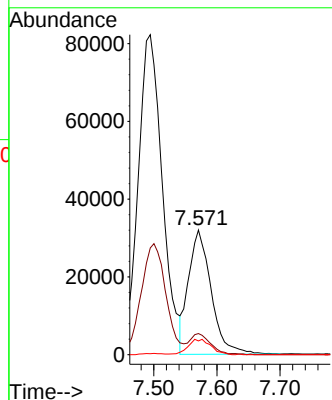
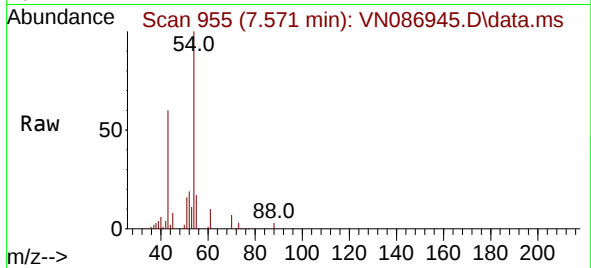




#37
Ethyl Acetate
Concen: 20.102 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

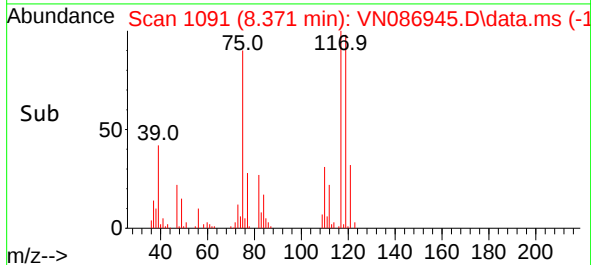
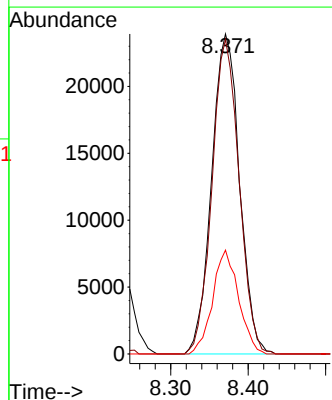
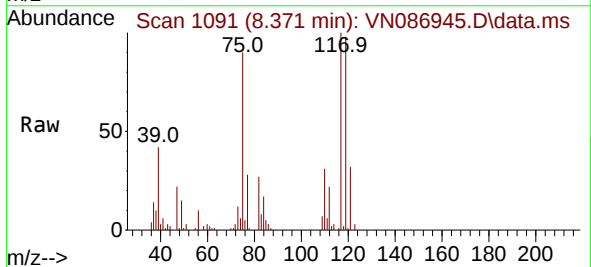
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

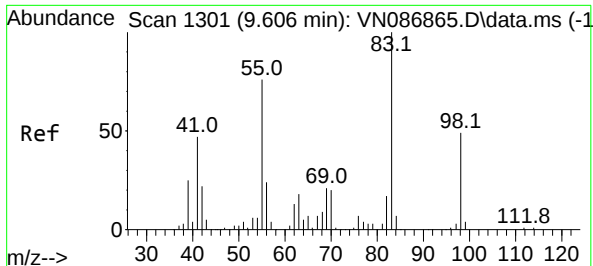
Tgt Ion: 43 Resp: 80010
Ion Ratio Lower Upper
43 100
61 15.9 12.1 18.1
70 12.4 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.494 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 117 Resp: 59839
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.6
121 32.4 24.9 37.3





#39

Methylcyclohexane

Concen: 16.588 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

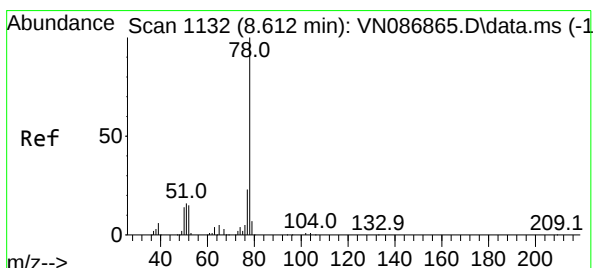
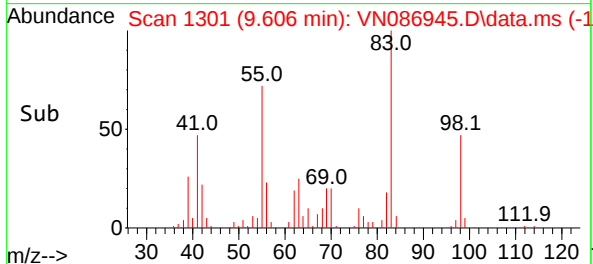
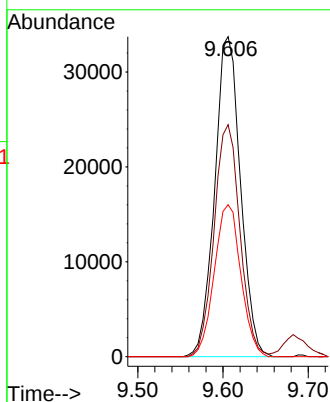
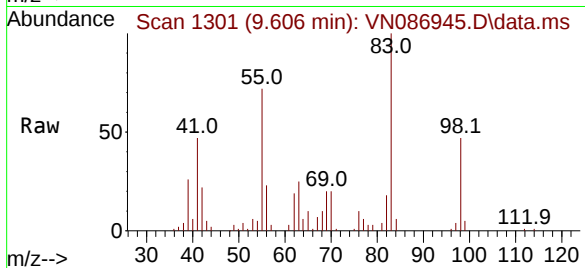
Tgt Ion: 83 Resp: 71058

Ion Ratio Lower Upper

83 100

55 72.5 61.0 91.6

98 47.5 38.9 58.3



#40

Benzene

Concen: 19.653 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086945.D

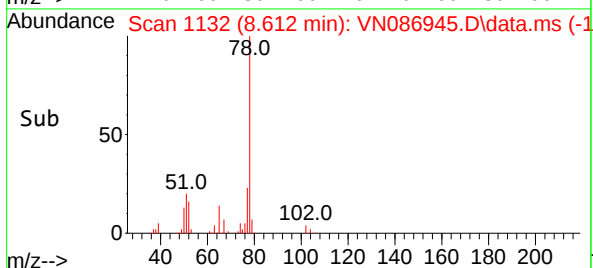
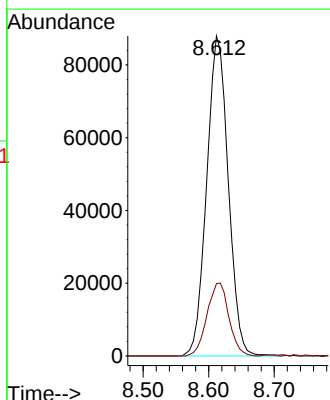
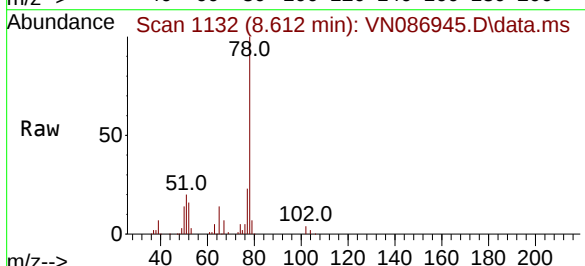
Acq: 11 Jun 2025 14:01

Tgt Ion: 78 Resp: 200940

Ion Ratio Lower Upper

78 100

77 22.6 18.7 28.1

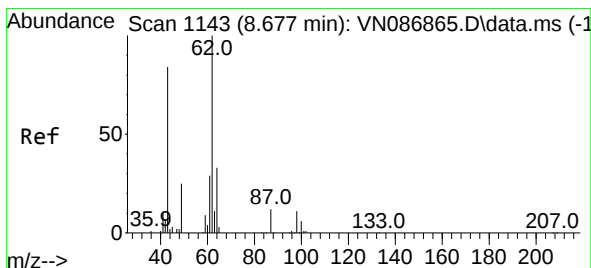
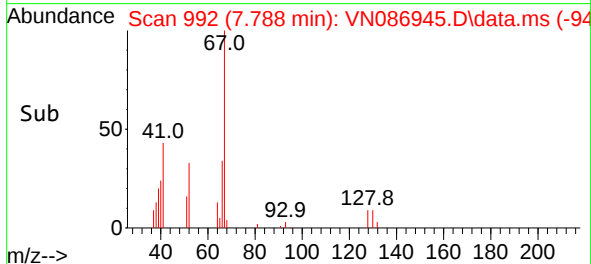
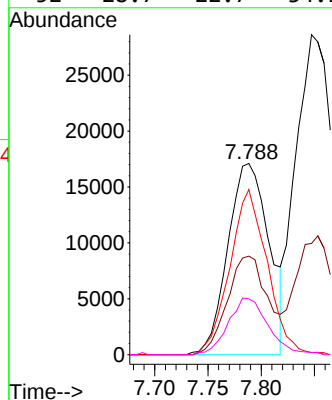
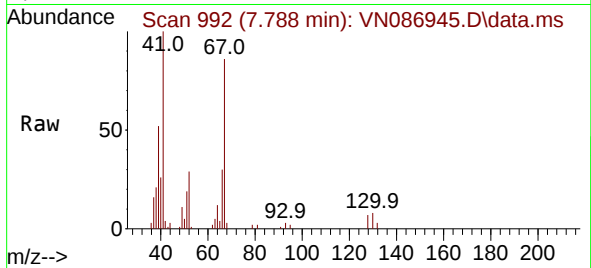




#41
Methacrylonitrile
Concen: 20.600 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

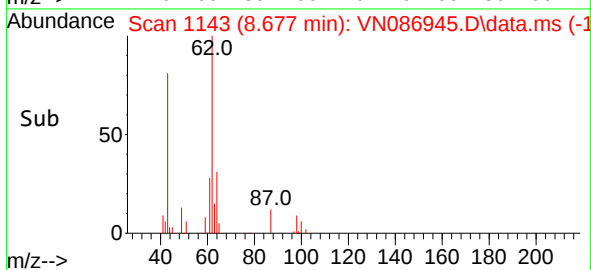
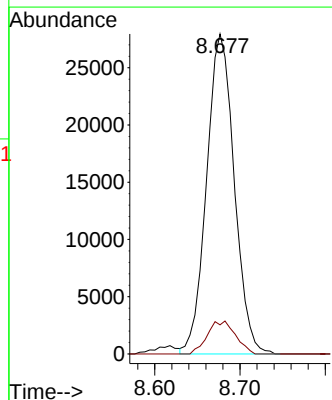
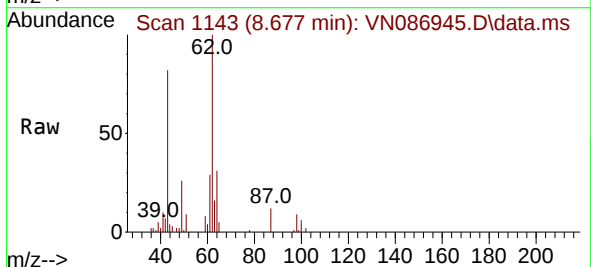
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

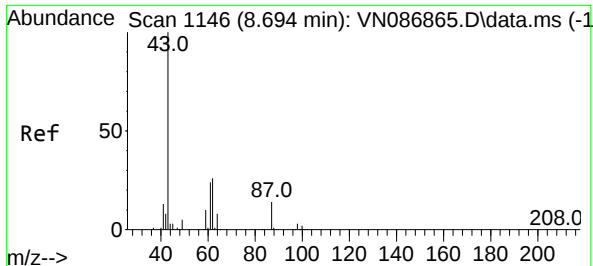
Tgt Ion:	41	Resp:	46047
Ion	Ratio	Lower	Upper
41	100		
39	50.5	41.2	61.8
67	78.7	61.4	92.2
52	28.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.336 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:	62	Resp:	63066
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2

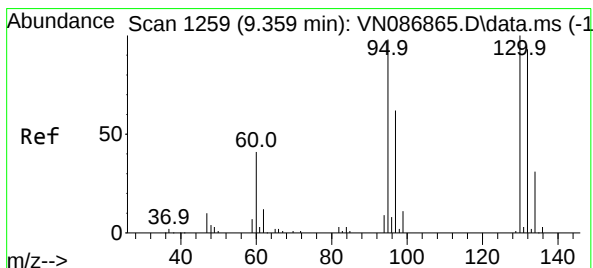
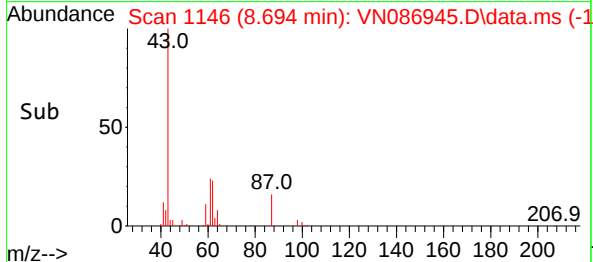
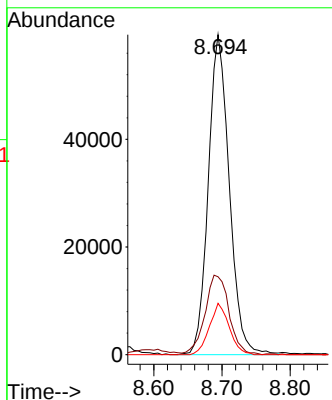
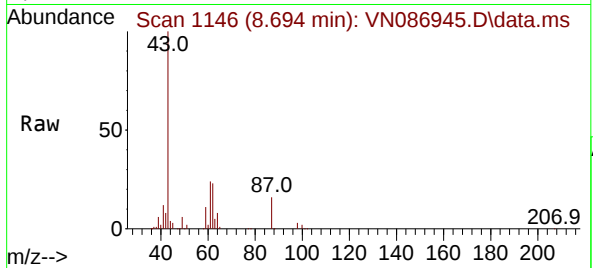




#43
Isopropyl Acetate
Concen: 19.930 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

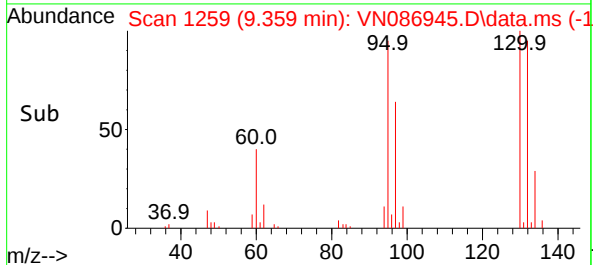
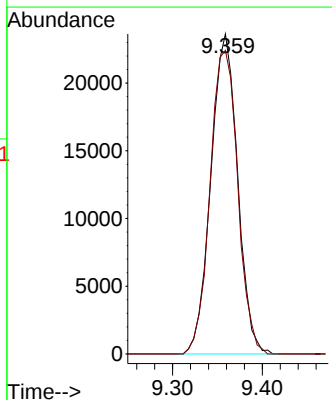
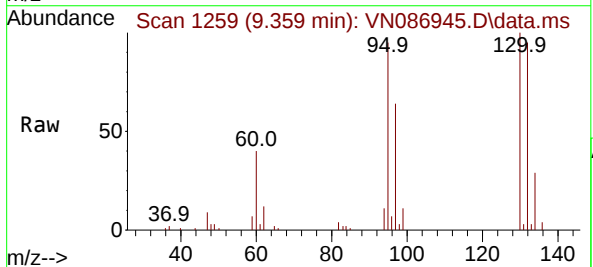
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

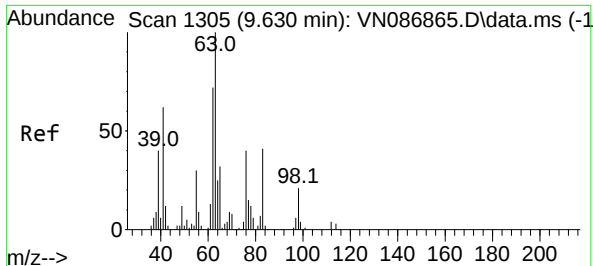
Tgt Ion: 43 Resp: 127320
Ion Ratio Lower Upper
43 100
61 28.5 22.1 33.1
87 15.1 11.8 17.6



#44
Trichloroethene
Concen: 20.141 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:130 Resp: 48830
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.027 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

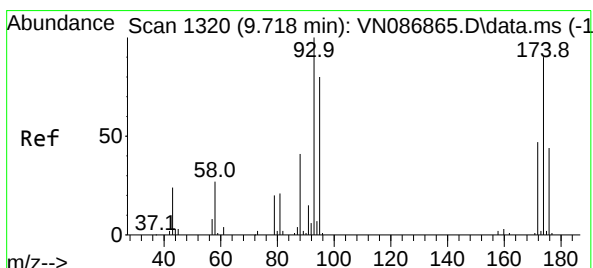
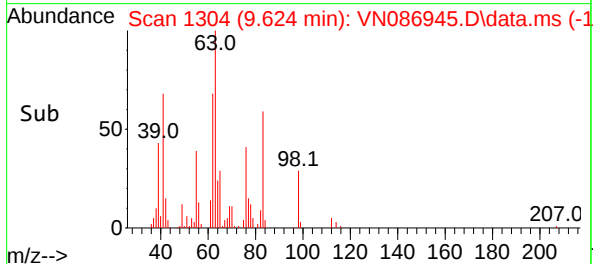
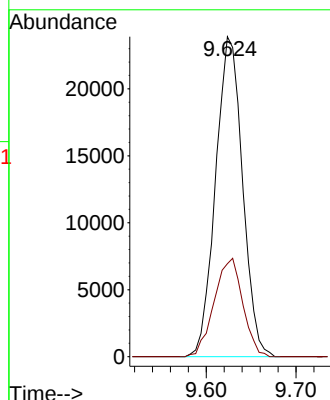
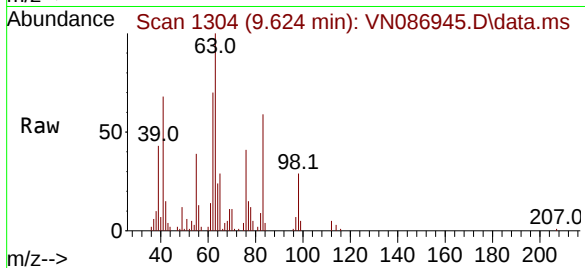
VN0611WBSD02

Tgt Ion: 63 Resp: 49815

Ion Ratio Lower Upper

63 100

65 29.1 25.5 38.3



#46

Dibromomethane

Concen: 21.290 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

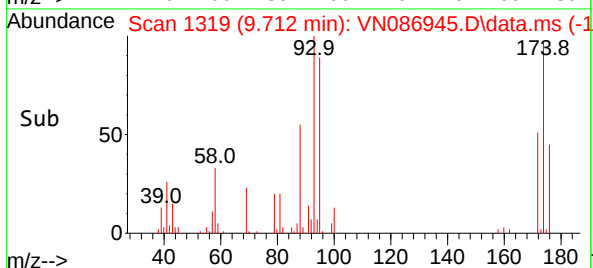
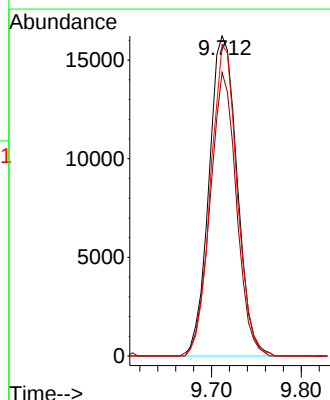
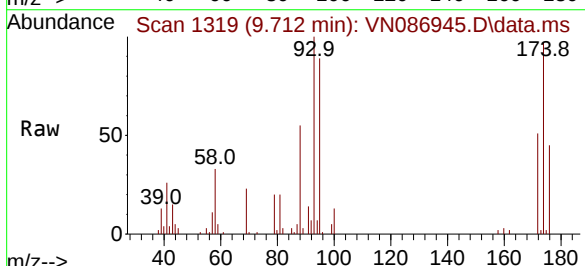
Tgt Ion: 93 Resp: 35176

Ion Ratio Lower Upper

93 100

95 83.2 67.1 100.7

174 92.2 74.2 111.4

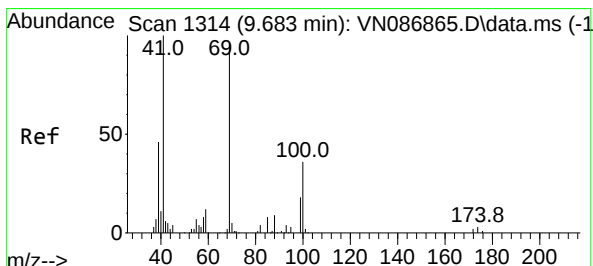
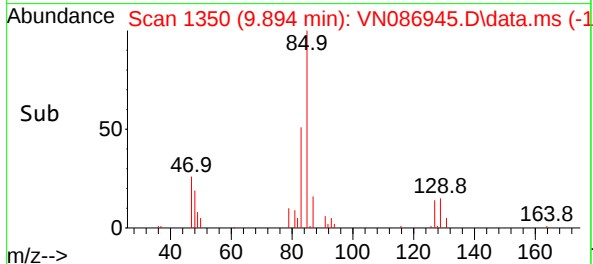
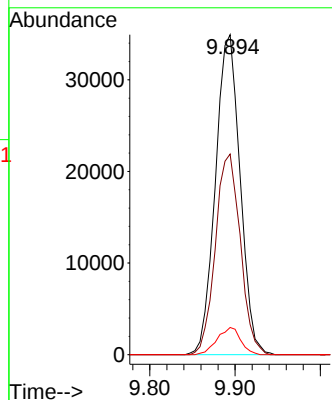
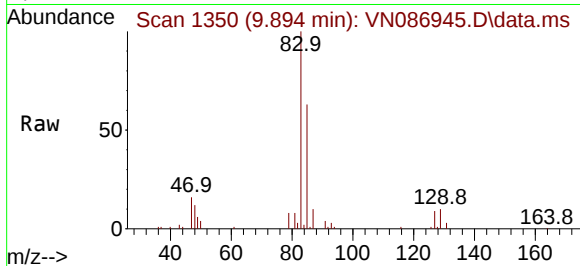




#47
Bromodichloromethane
Concen: 20.658 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

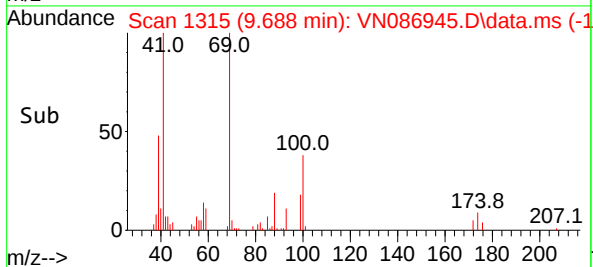
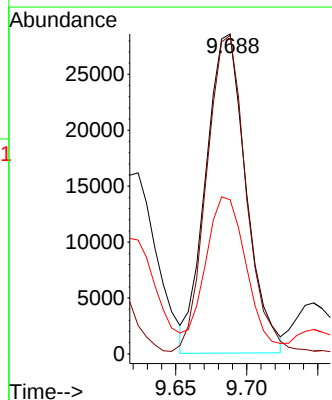
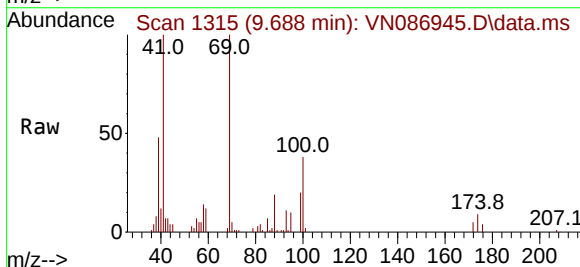
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

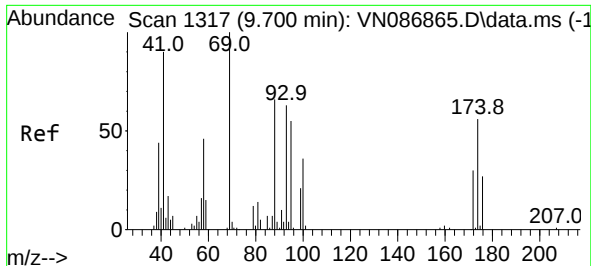
Tgt Ion: 83 Resp: 70222
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 19.079 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 41 Resp: 56099
Ion Ratio Lower Upper
41 100
69 99.4 74.6 112.0
39 51.4 40.2 60.4





#49

1,4-Dioxane

Concen: 454.282 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

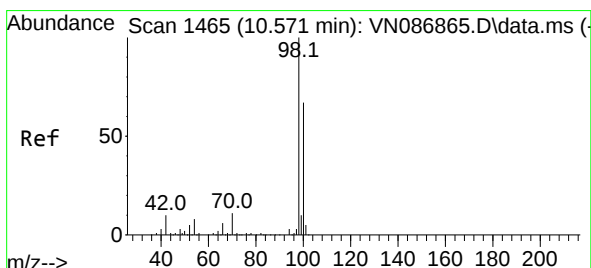
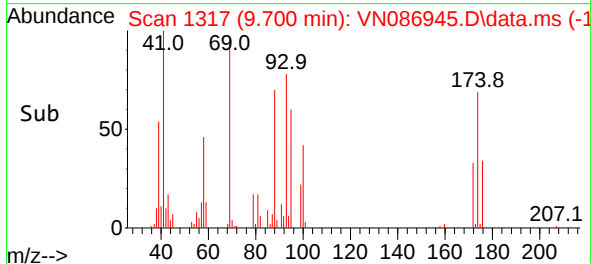
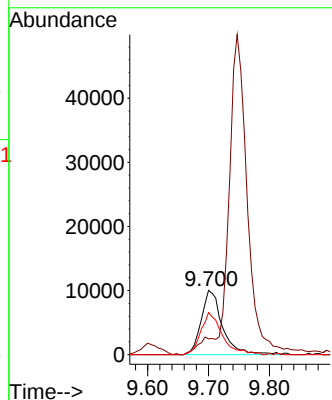
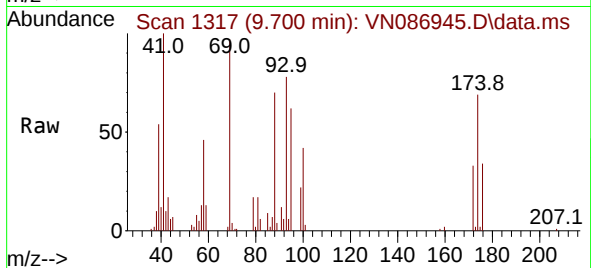
Tgt Ion: 88 Resp: 24300

Ion Ratio Lower Upper

88 100

43 22.4 0.0 0.0#

58 66.1 57.7 86.5



#50

Toluene-d8

Concen: 49.506 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086945.D

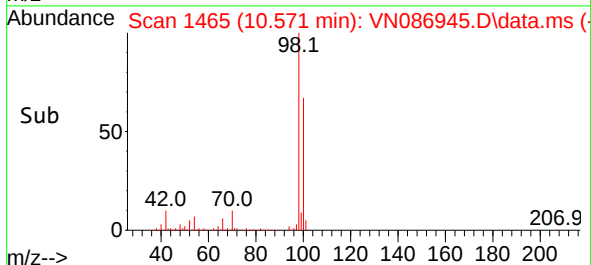
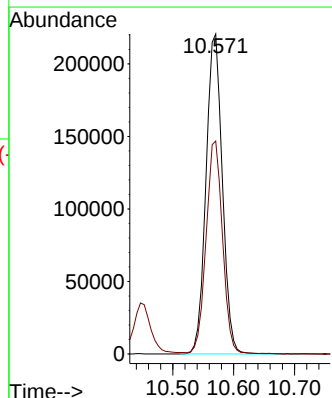
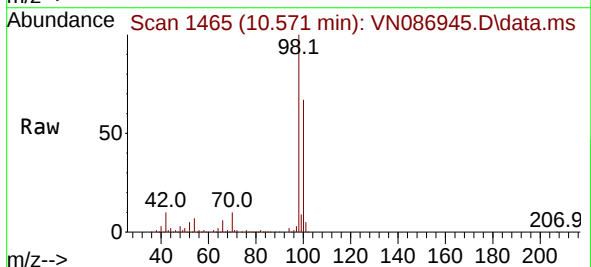
Acq: 11 Jun 2025 14:01

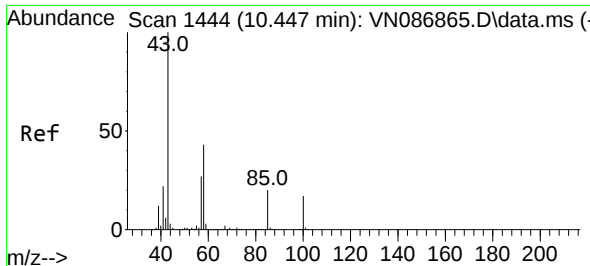
Tgt Ion: 98 Resp: 411227

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0

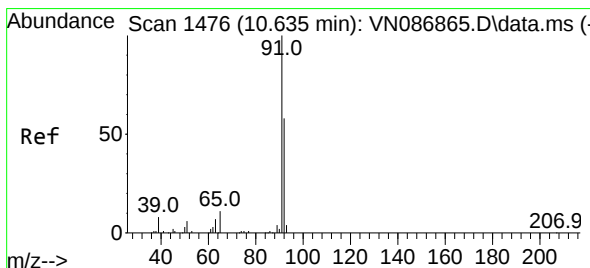
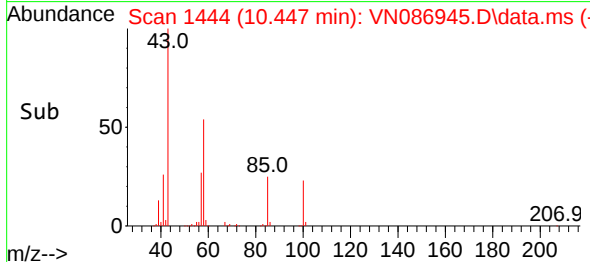
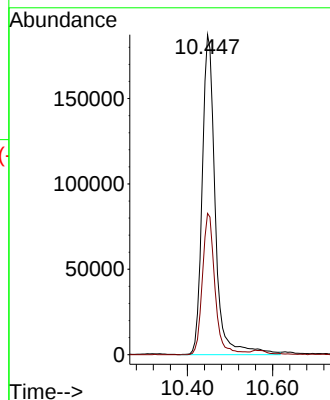
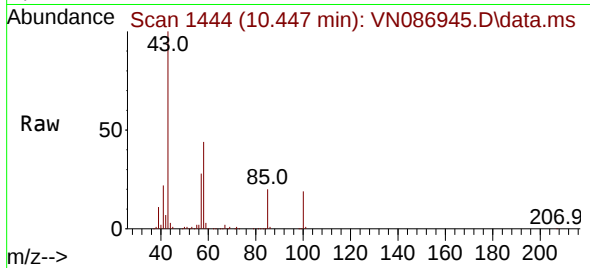




#51
4-Methyl-2-Pentanone
Concen: 103.940 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

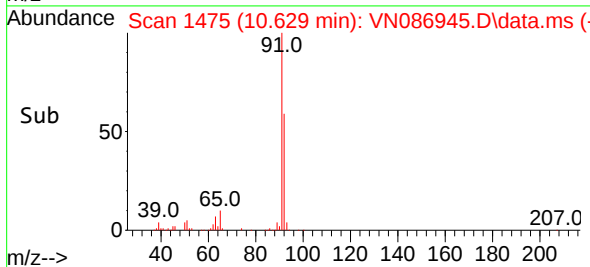
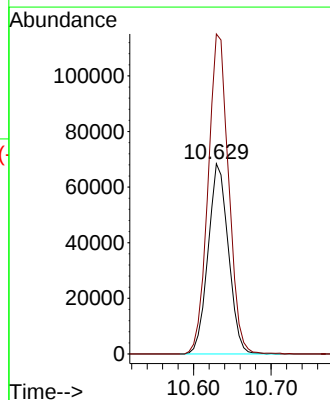
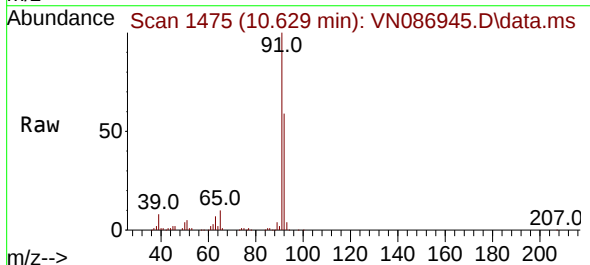
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

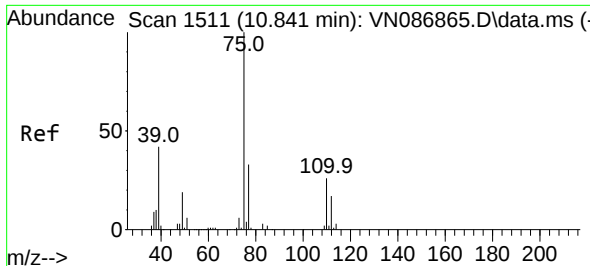
Tgt Ion: 43 Resp: 399735
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.4



#52
Toluene
Concen: 19.893 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 92 Resp: 124298
Ion Ratio Lower Upper
92 100
91 170.3 136.5 204.7

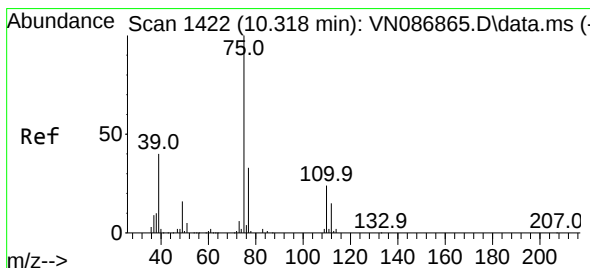
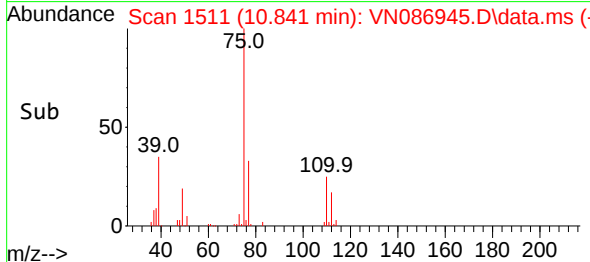
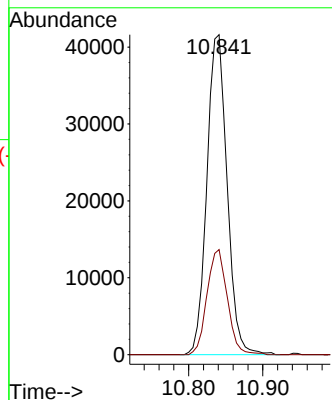
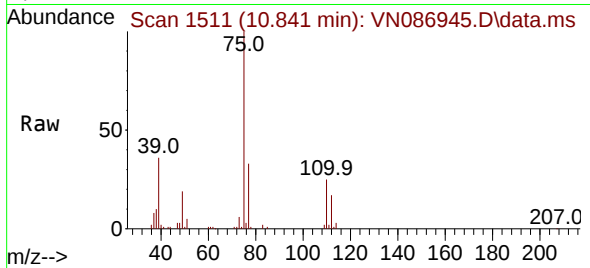




#53
t-1,3-Dichloropropene
Concen: 20.744 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

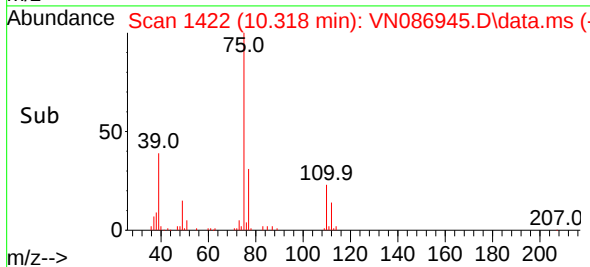
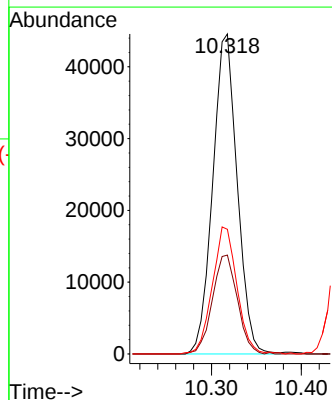
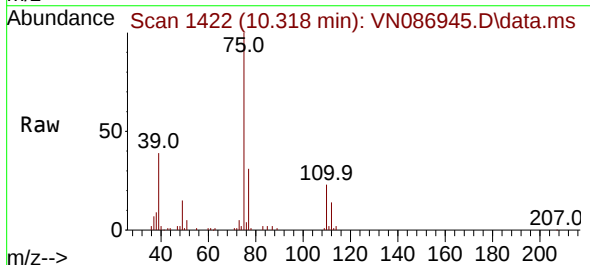
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

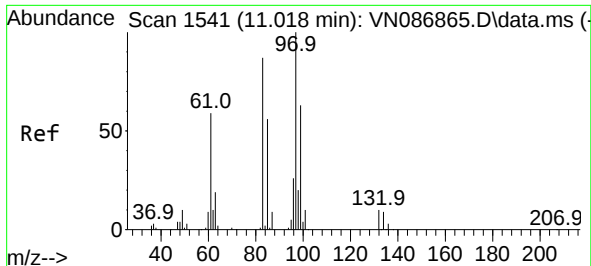
Tgt Ion: 75 Resp: 78850
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 20.709 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 75 Resp: 84225
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.4
39 39.0 32.3 48.5

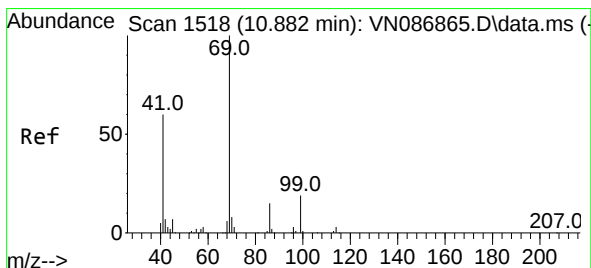
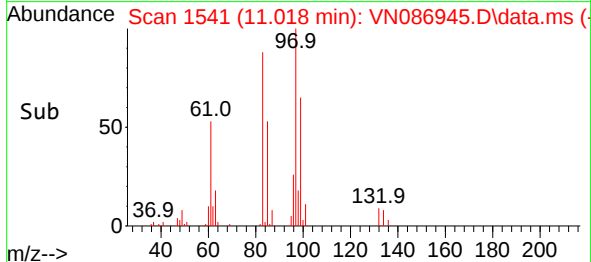
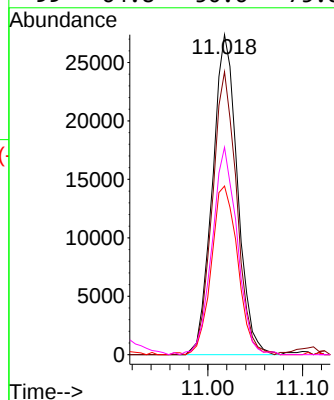
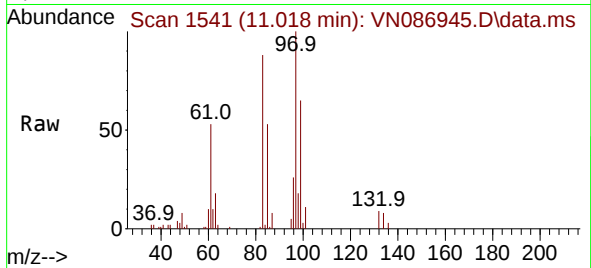




#55
1,1,2-Trichloroethane
Concen: 20.924 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

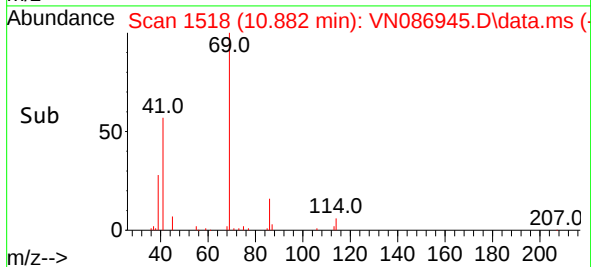
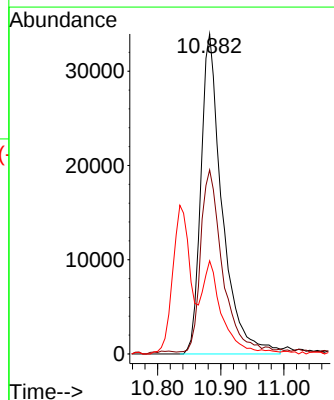
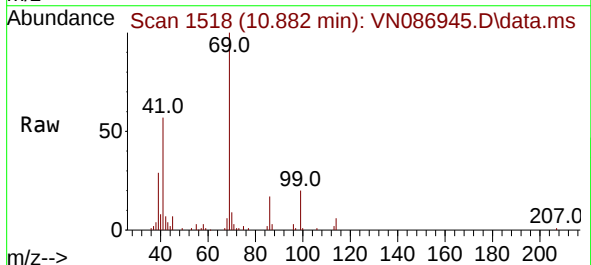
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

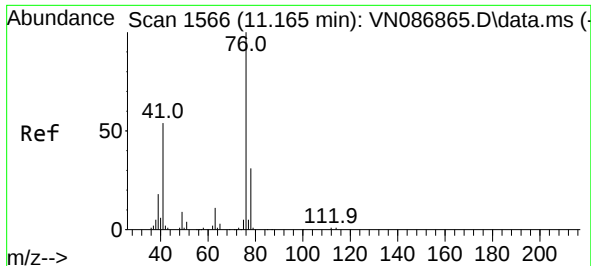
Tgt Ion:	97	Resp:	50307
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.7	104.5
85	52.7	45.1	67.7
99	64.8	50.6	75.8



#56
Ethyl methacrylate
Concen: 20.747 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:	69	Resp:	79449
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.2	70.8
39	25.0	23.0	34.6

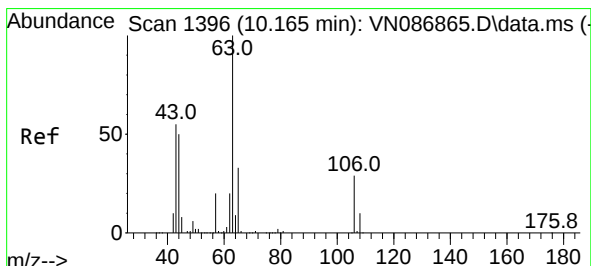
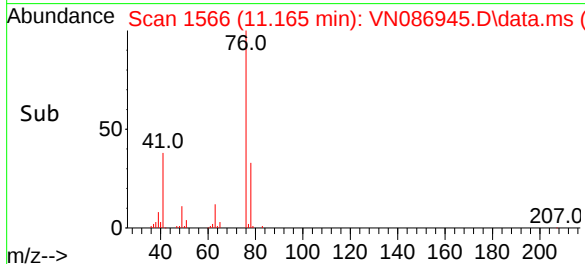
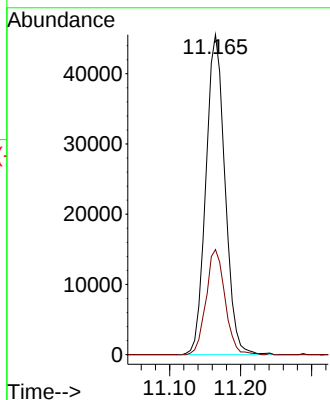
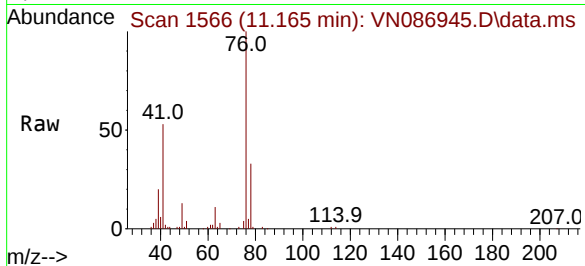




#57
1,3-Dichloropropane
Concen: 20.434 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

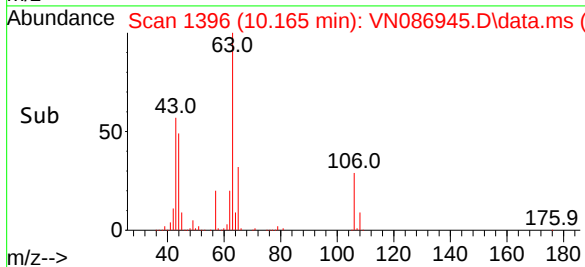
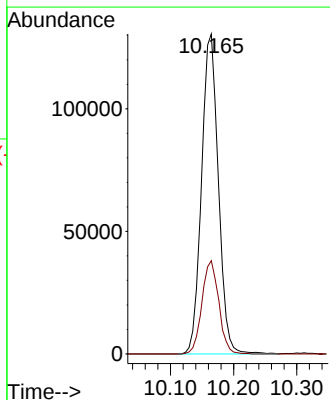
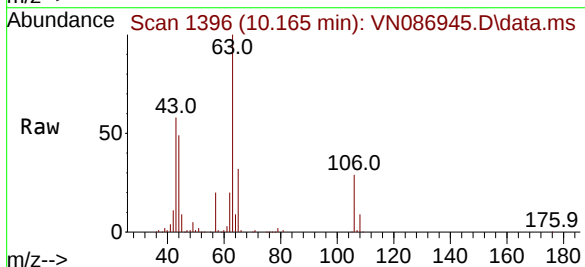
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Tgt Ion: 76 Resp: 85222
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 105.889 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 63 Resp: 241856
Ion Ratio Lower Upper
63 100
106 29.1 23.0 34.6

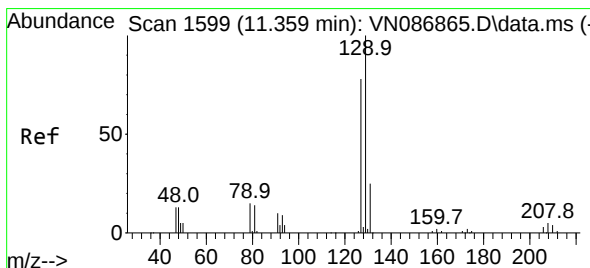
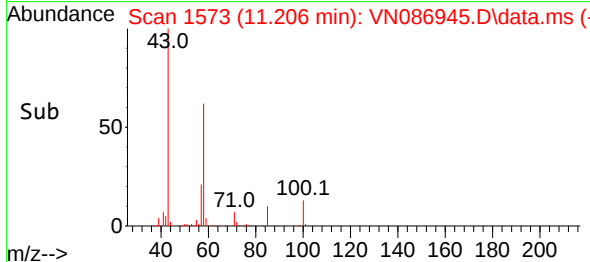
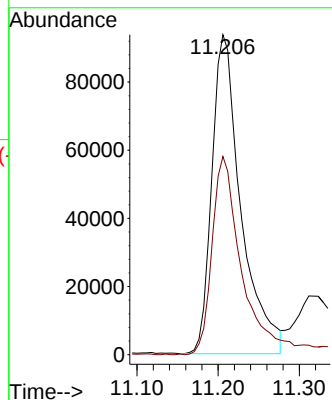
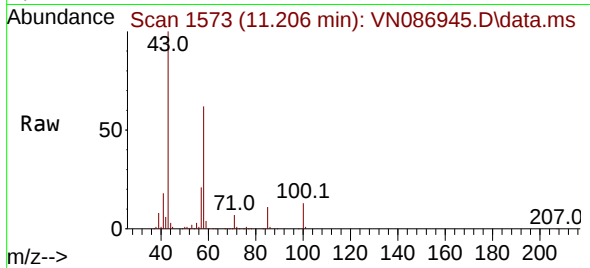




#59
2-Hexanone
Concen: 93.840 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

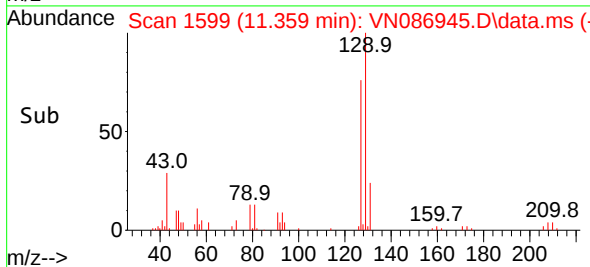
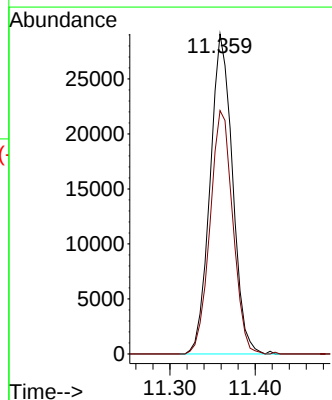
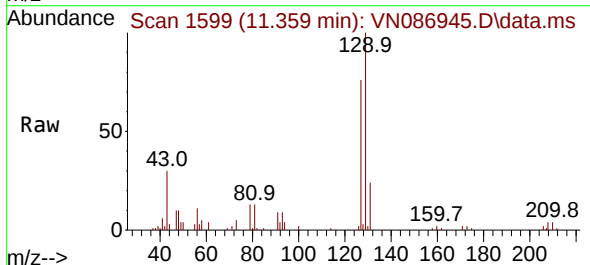
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

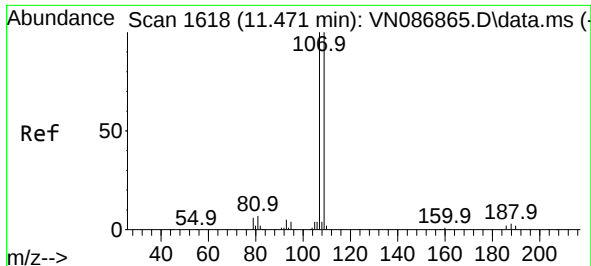
Tgt Ion: 43 Resp: 232463
Ion Ratio Lower Upper
43 100
58 64.8 30.4 91.3



#60
Dibromochloromethane
Concen: 21.220 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:129 Resp: 53154
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

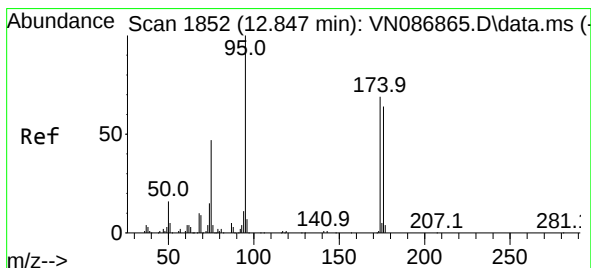
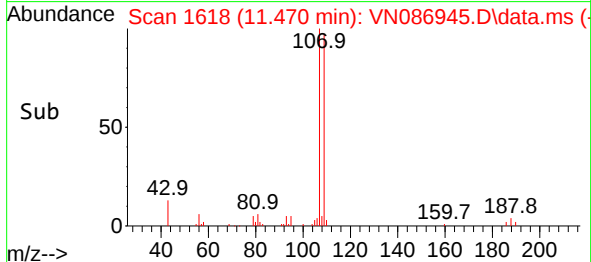
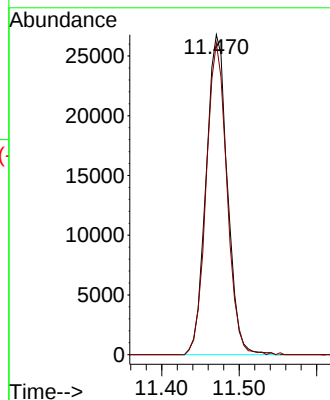
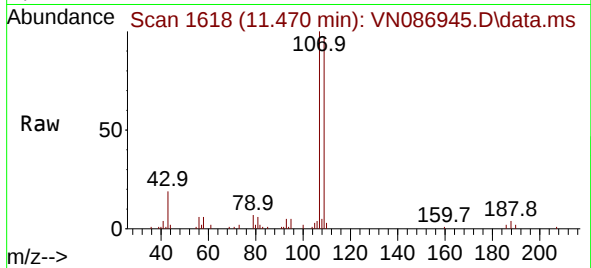




#61
1,2-Dibromoethane
Concen: 20.718 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

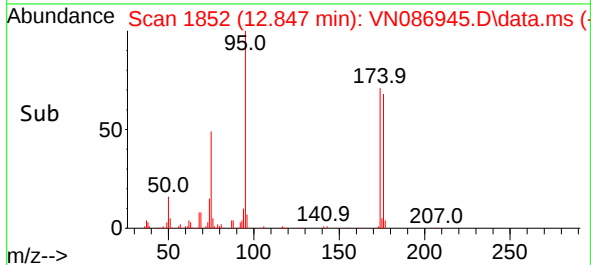
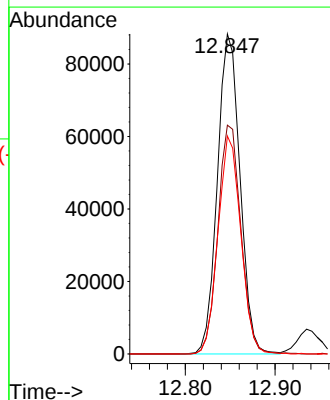
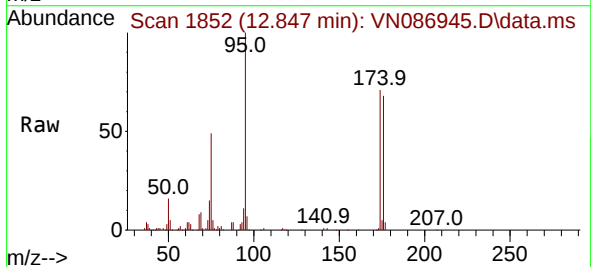
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

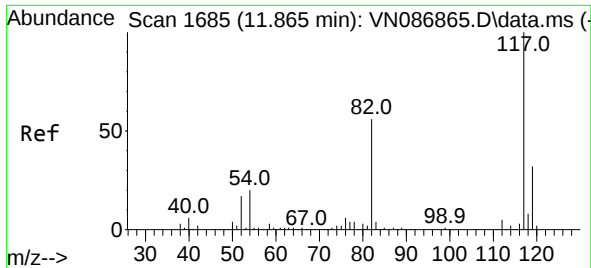
Tgt Ion:107 Resp: 51056
Ion Ratio Lower Upper
107 100
109 94.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 50.121 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 95 Resp: 154682
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.8
176 68.6 0.0 132.6

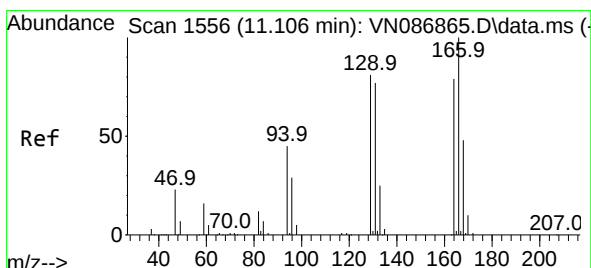
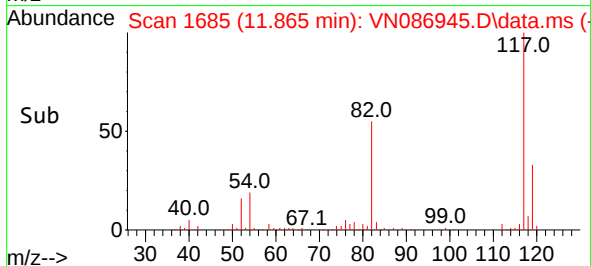
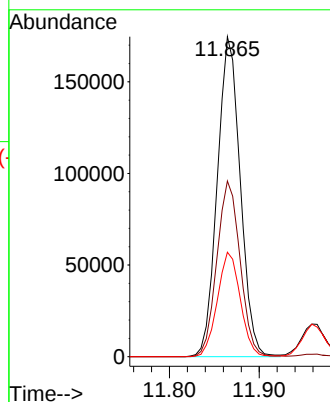
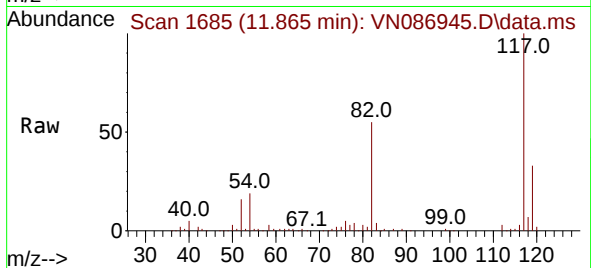




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

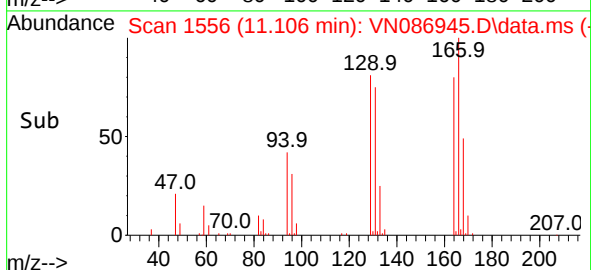
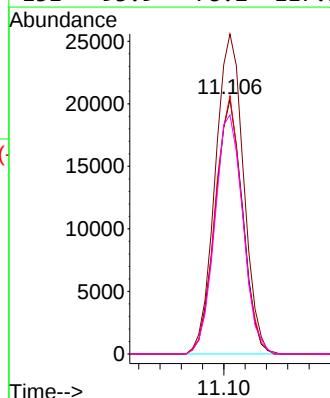
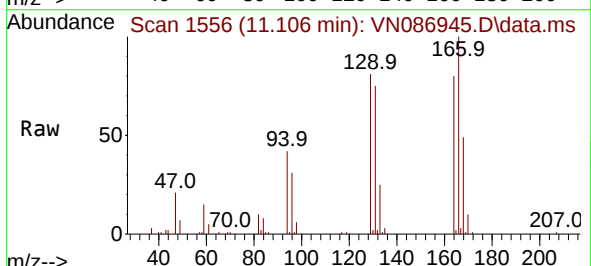
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

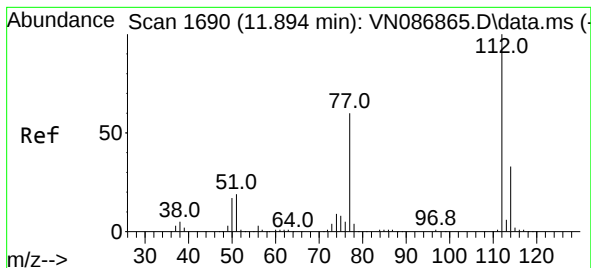
Tgt Ion:117 Resp: 310598
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 18.499 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:164 Resp: 36363
Ion Ratio Lower Upper
164 100
166 125.7 101.8 152.8
129 101.3 83.0 124.4
131 93.9 78.2 117.2

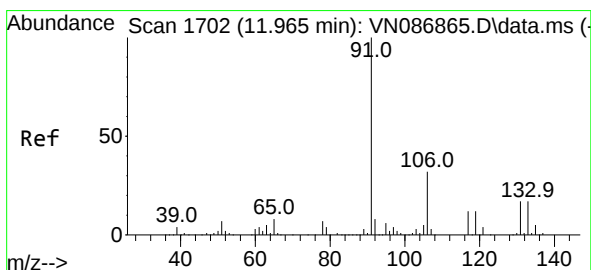
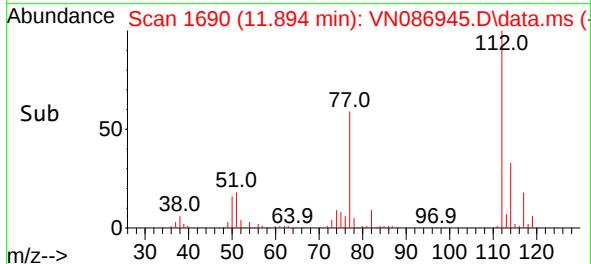
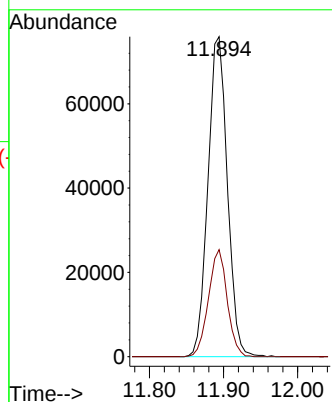
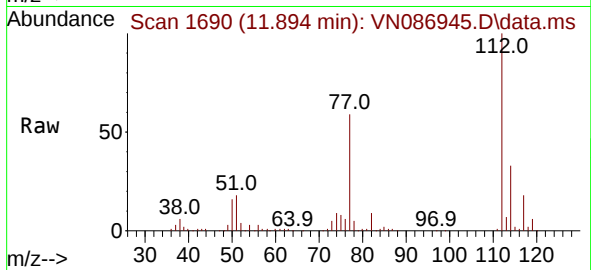




#65
Chlorobenzene
Concen: 20.178 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

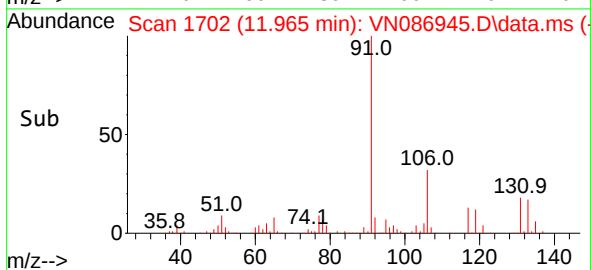
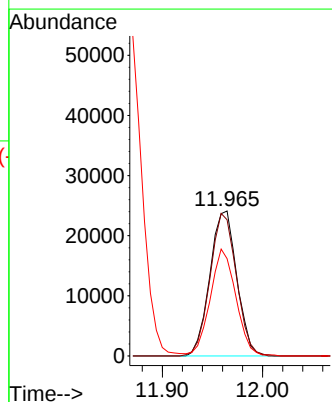
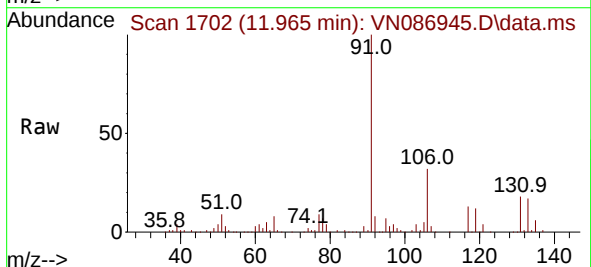
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

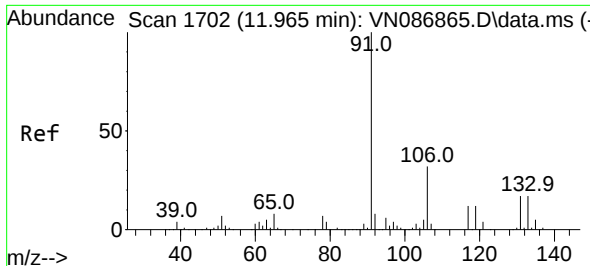
Tgt Ion:112 Resp: 138224
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.442 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:131 Resp: 45014
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.8
119 70.3 34.0 101.8

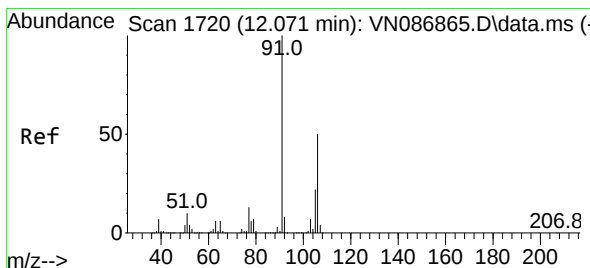
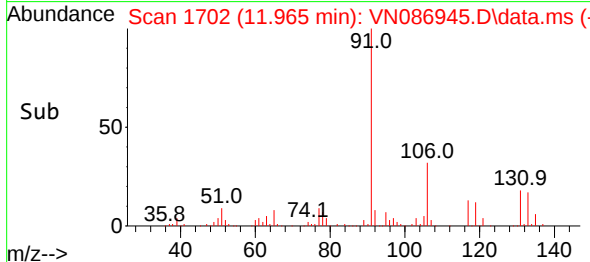
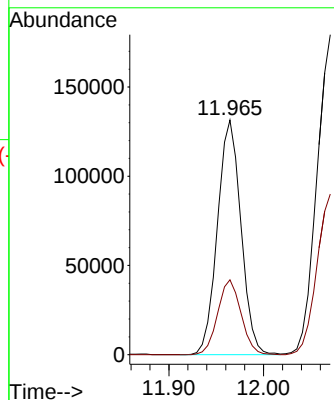
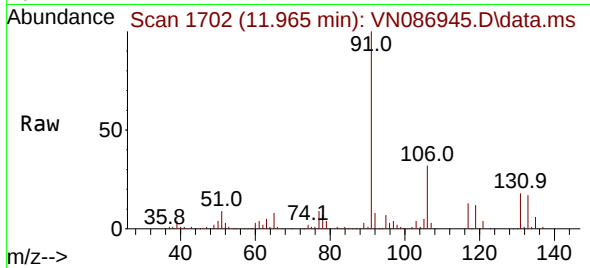




#67
Ethyl Benzene
Concen: 19.250 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

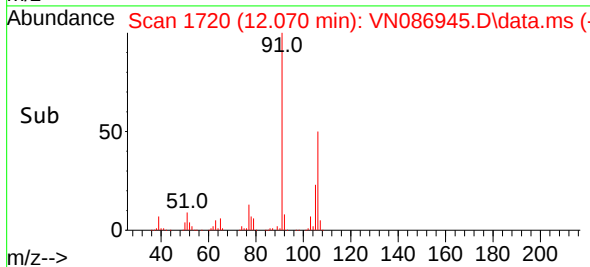
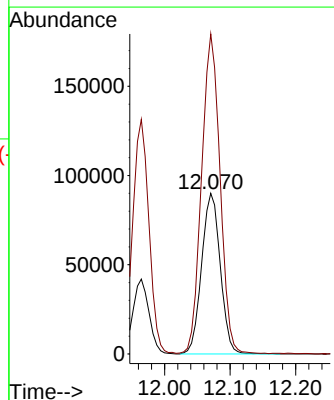
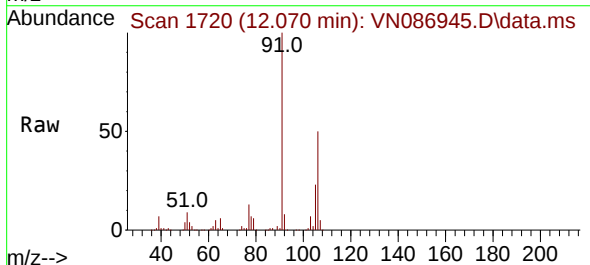
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

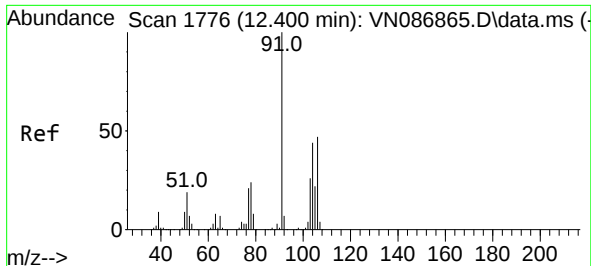
Tgt Ion: 91 Resp: 227138
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 39.501 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 106 Resp: 178421
Ion Ratio Lower Upper
106 100
91 196.9 159.4 239.0

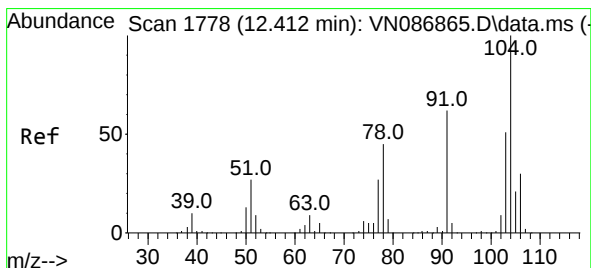
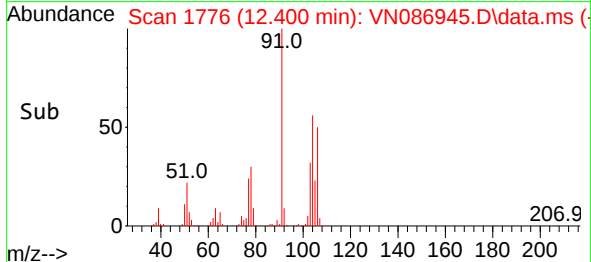
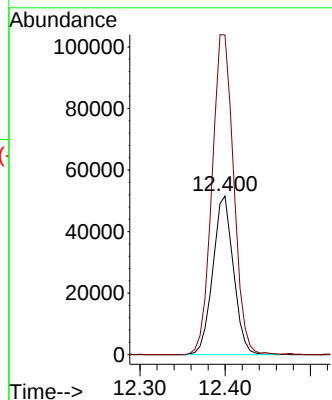
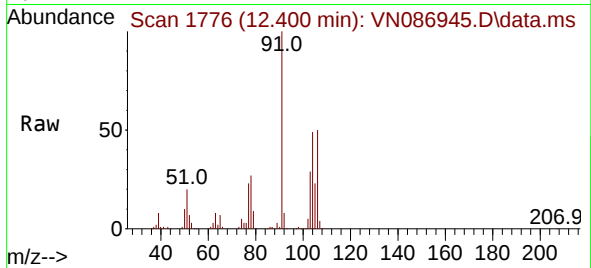




#69
o-Xylene
Concen: 20.004 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

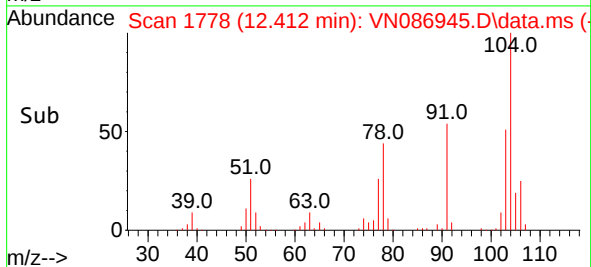
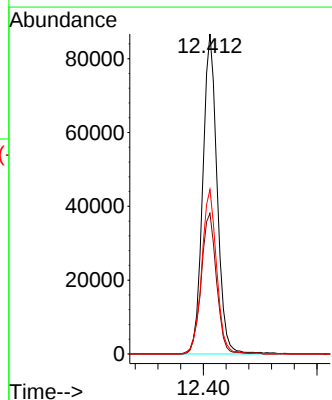
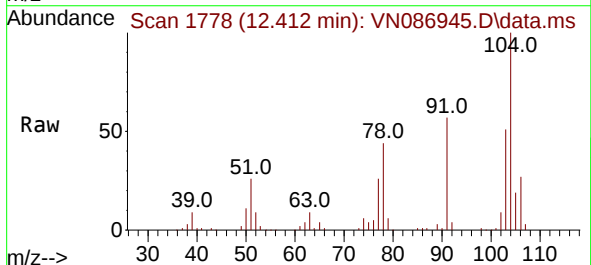
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

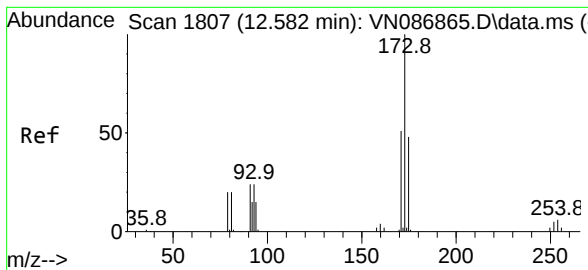
Tgt Ion:106 Resp: 86537
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.1



#70
Styrene
Concen: 20.565 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:104 Resp: 152236
Ion Ratio Lower Upper
104 100
78 46.8 38.5 57.7
103 53.0 43.1 64.7

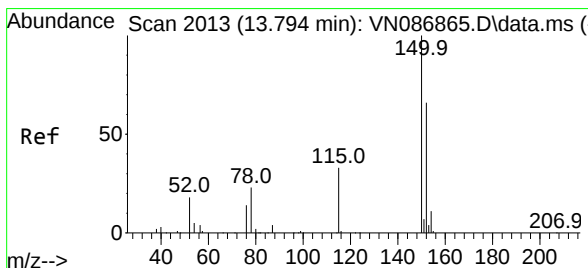
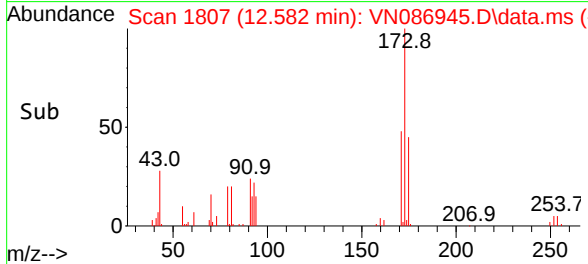
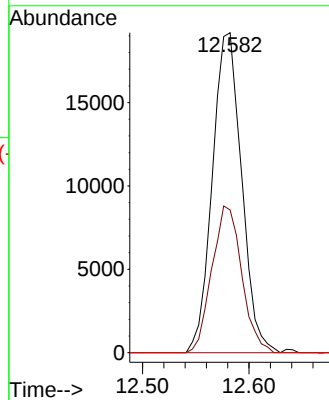
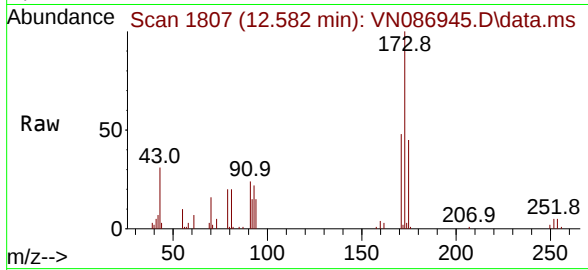




#71
Bromoform
Concen: 22.388 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

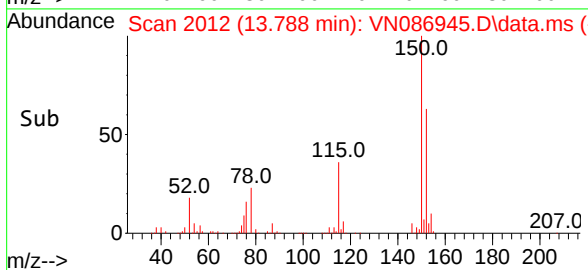
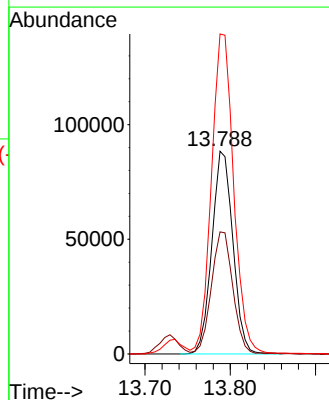
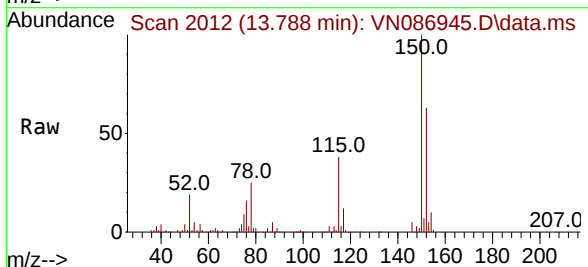
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

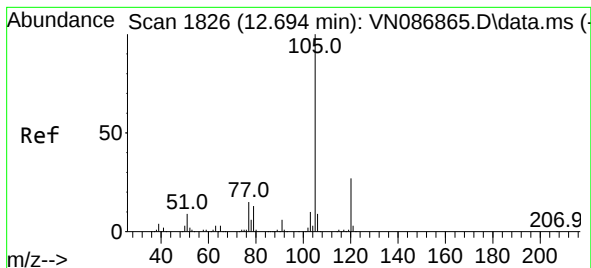
Tgt Ion:173 Resp: 36528
Ion Ratio Lower Upper
173 100
175 46.8 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion:152 Resp: 151691
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.5
150 166.9 0.0 345.0





#73

Isopropylbenzene

Concen: 19.276 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

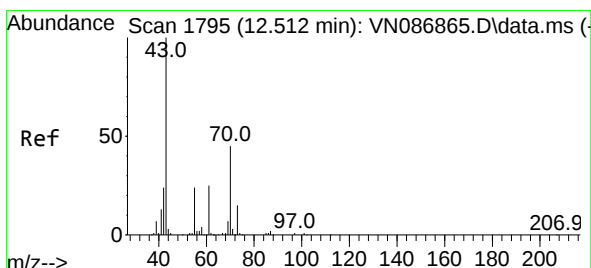
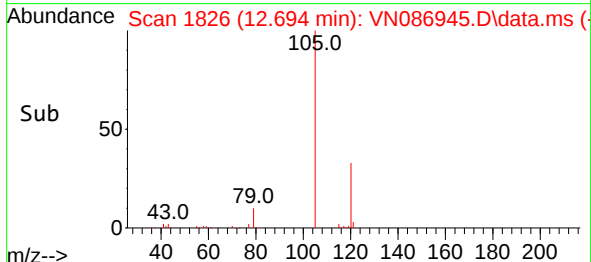
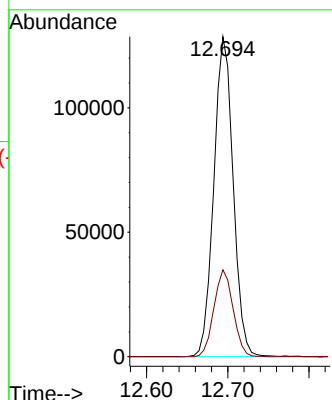
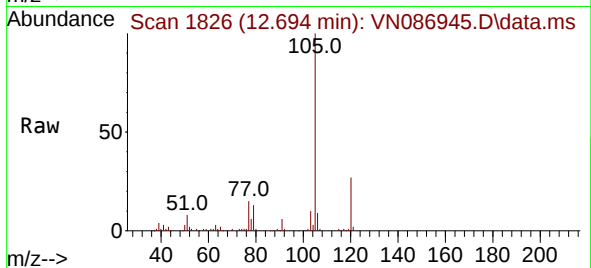
VN0611WBSD02

Tgt Ion:105 Resp: 213019

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 18.051 ug/l

RT: 12.529 min Scan# 1798

Delta R.T. 0.017 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Tgt Ion: 43 Resp: 69705

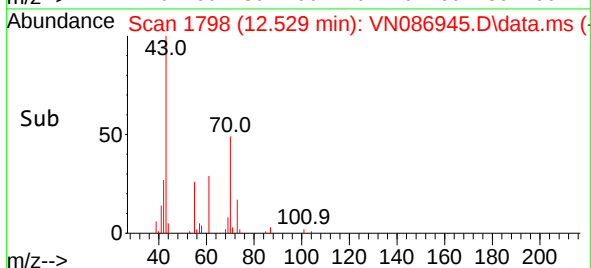
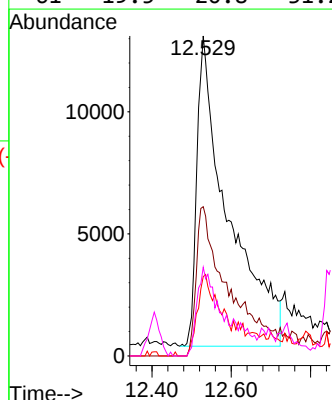
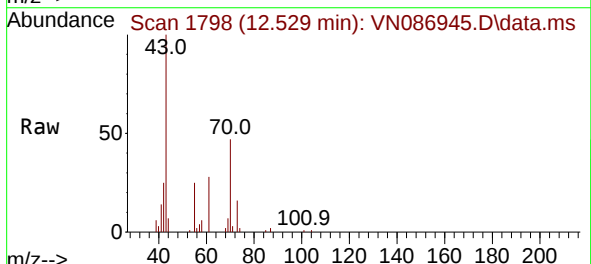
Ion Ratio Lower Upper

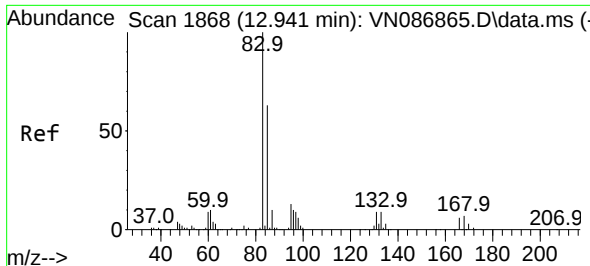
43 100

70 38.7 37.6 56.4

55 18.5 19.0 28.6#

61 19.5 20.8 31.2#

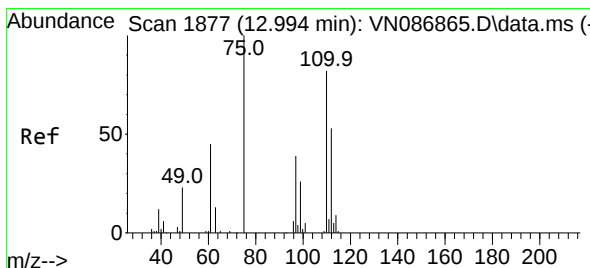
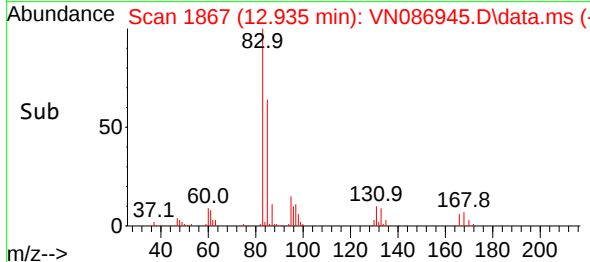
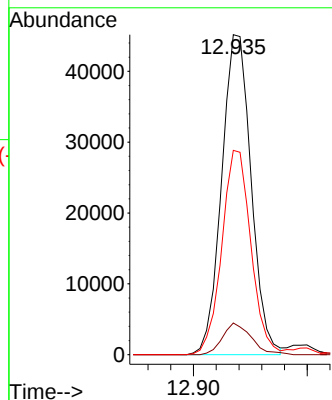
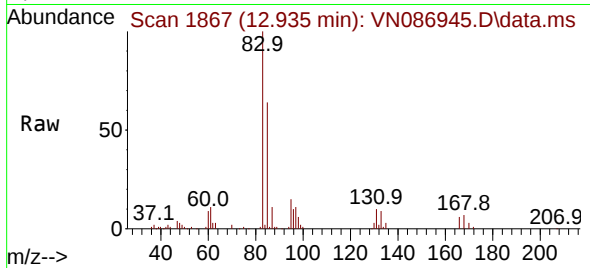




#75
1,1,2-Tetrachloroethane
Concen: 21.740 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

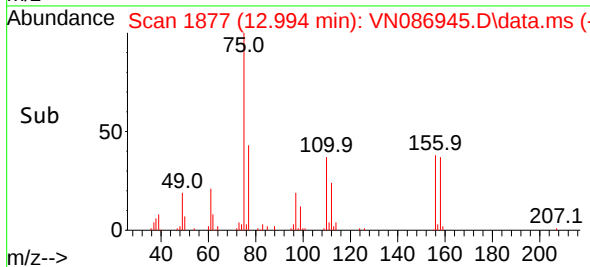
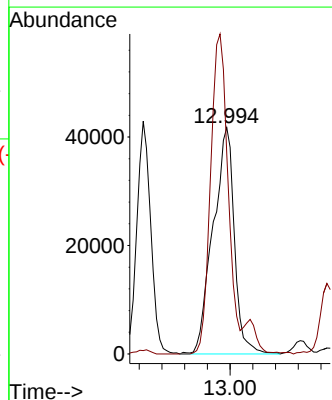
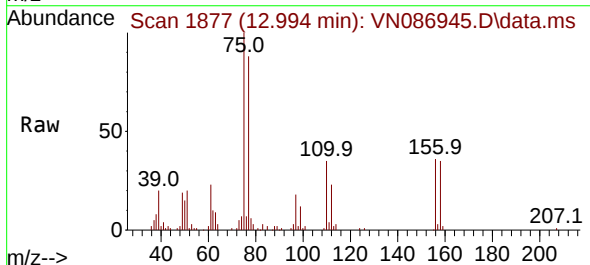
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

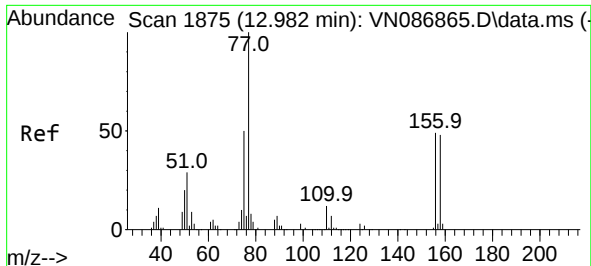
Tgt Ion: 83 Resp: 81389
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 30.137 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 75 Resp: 108666
Ion Ratio Lower Upper
75 100
77 114.7 79.3 237.9

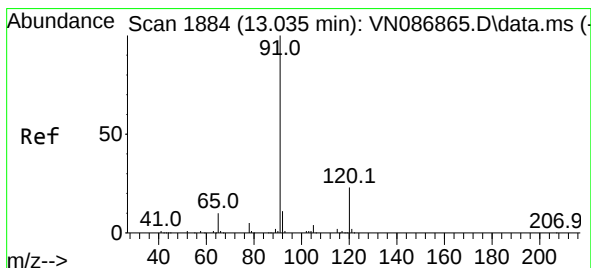
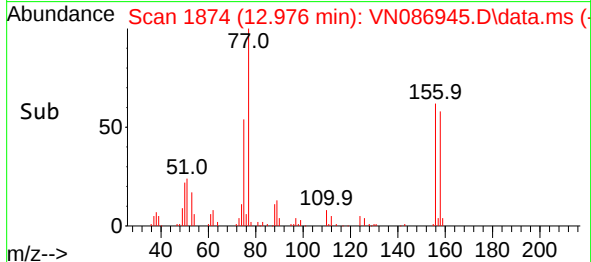
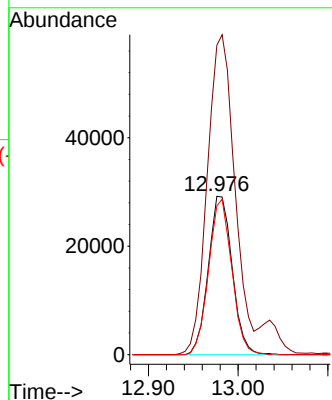
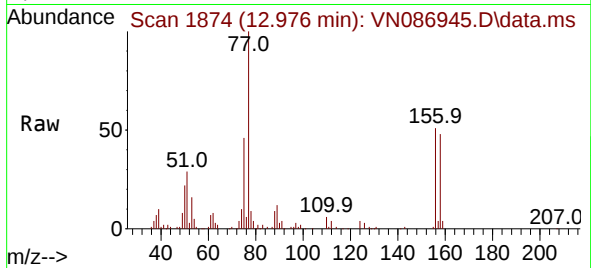




#77
Bromobenzene
Concen: 21.319 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

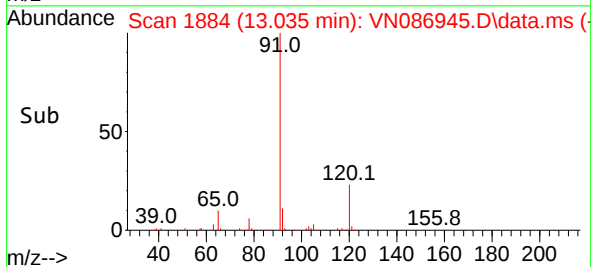
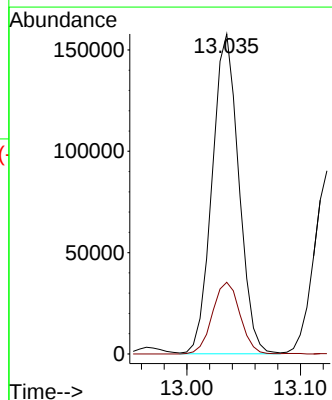
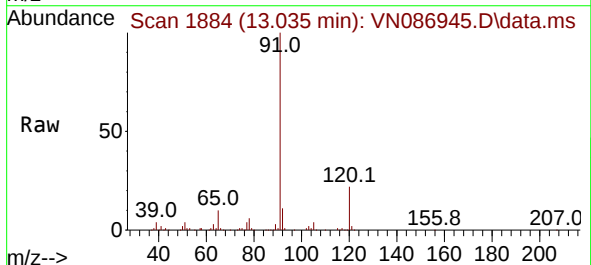
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

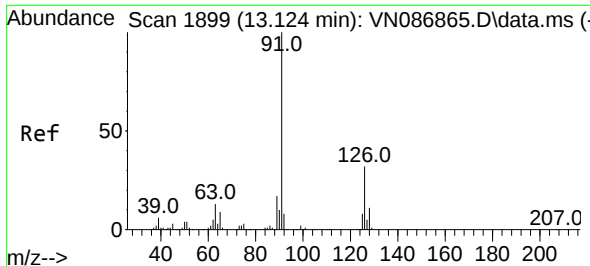
Tgt Ion:156 Resp: 54030
Ion Ratio Lower Upper
156 100
77 230.7 117.7 353.1
158 95.1 48.1 144.4



#78
n-propylbenzene
Concen: 19.168 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 91 Resp: 257426
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2

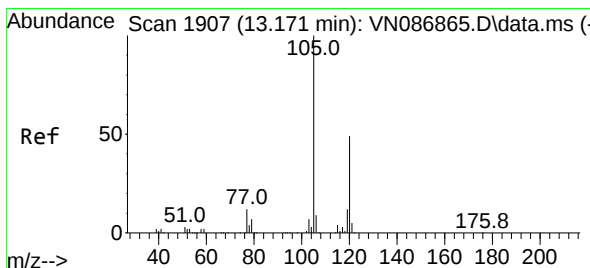
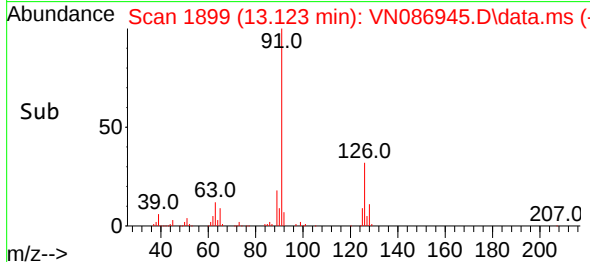
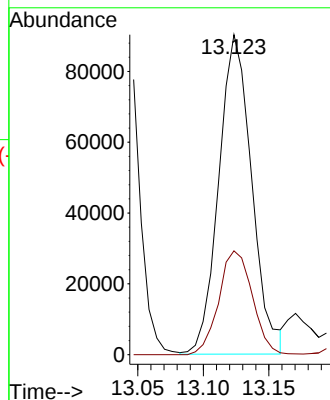
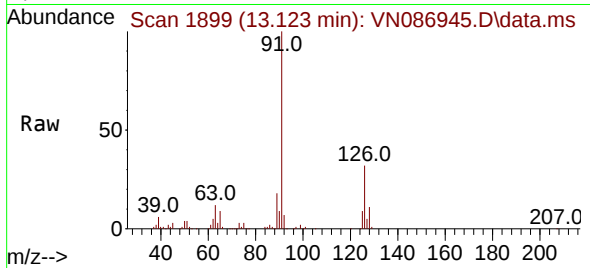




#79
2-Chlorotoluene
Concen: 19.571 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

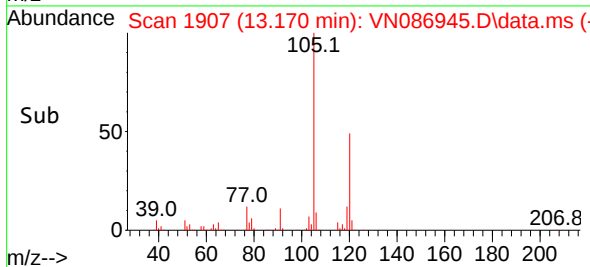
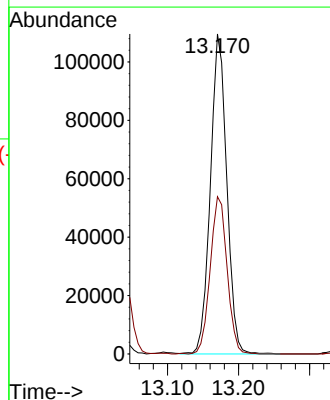
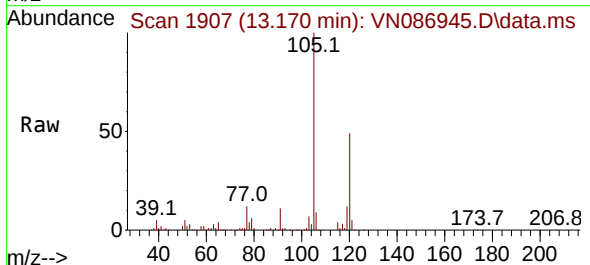
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

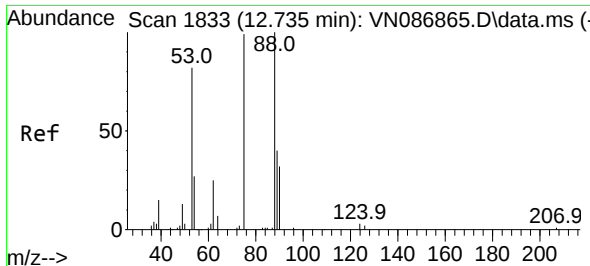
Tgt Ion: 91 Resp: 157627
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 19.228 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 105 Resp: 175428
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

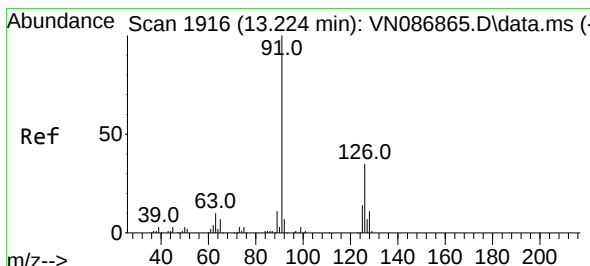
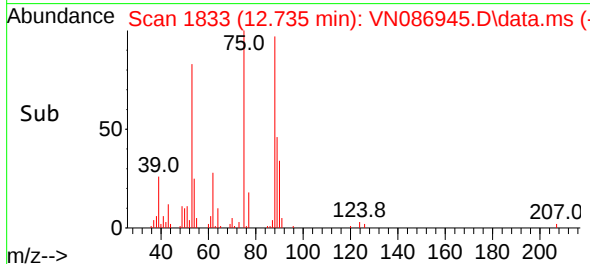
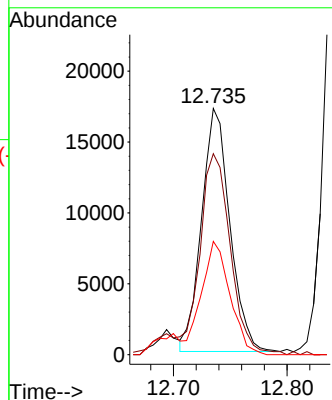
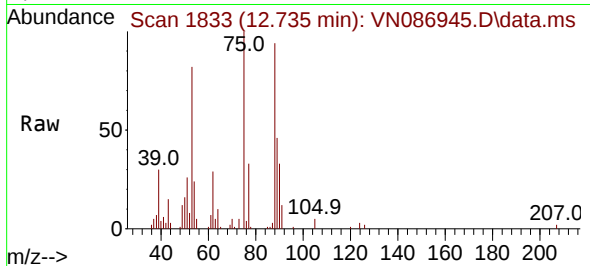




#81
trans-1,4-Dichloro-2-butene
Concen: 18.963 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

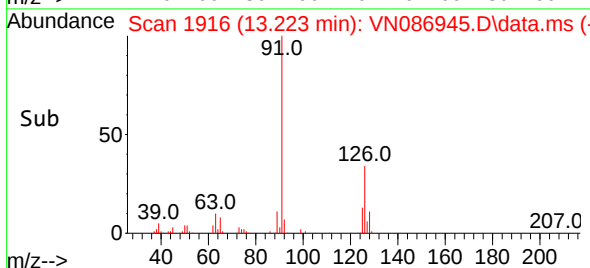
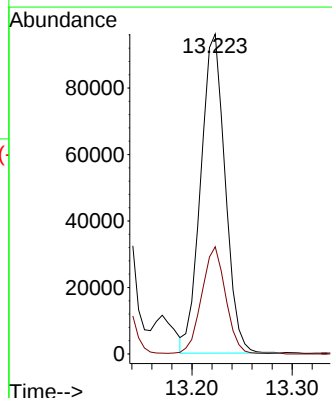
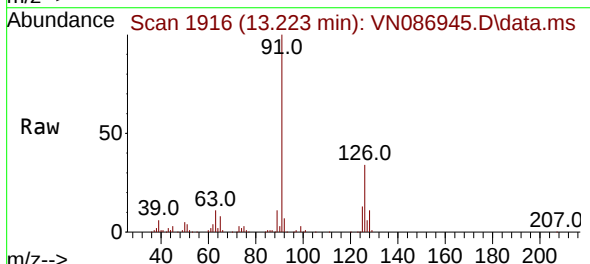
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

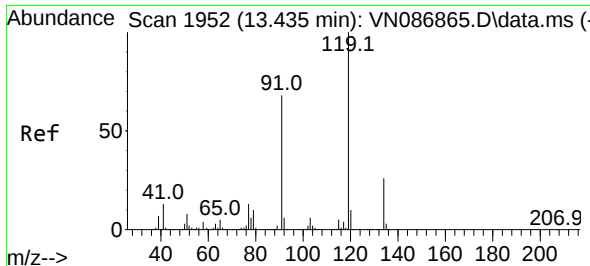
Tgt Ion: 75 Resp: 29703
Ion Ratio Lower Upper
75 100
53 89.6 66.6 99.8
89 47.5 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.931 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 91 Resp: 162421
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1

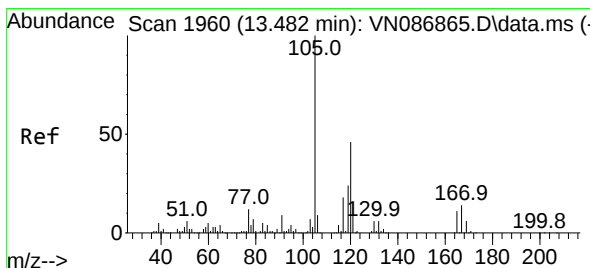
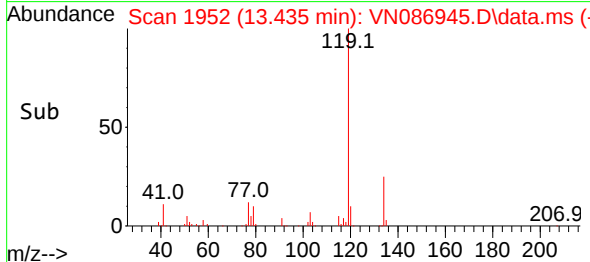
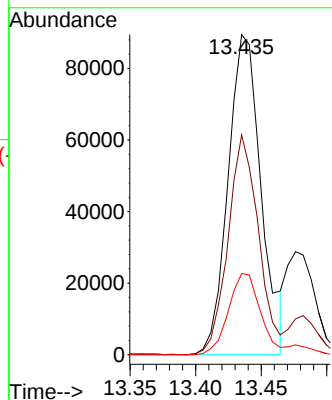
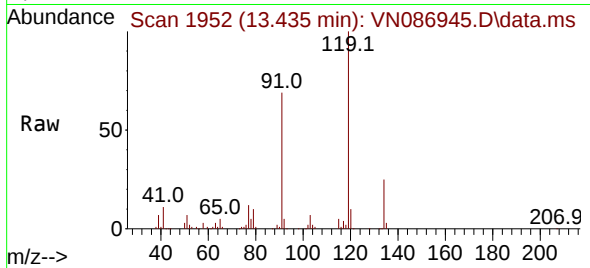




#83
 tert-Butylbenzene
 Concen: 18.749 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

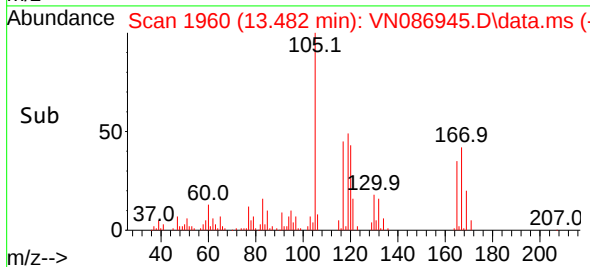
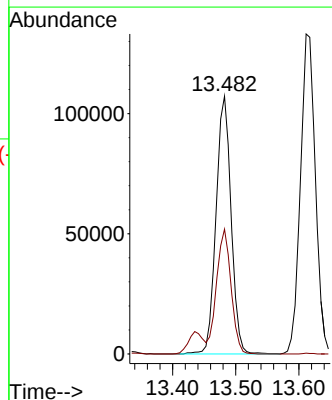
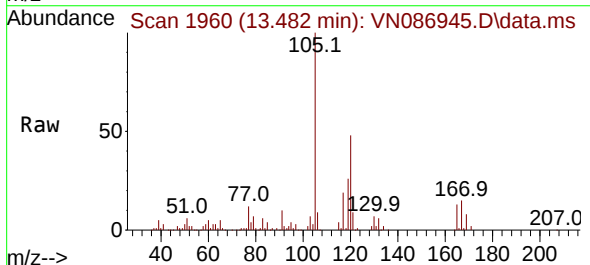
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD02

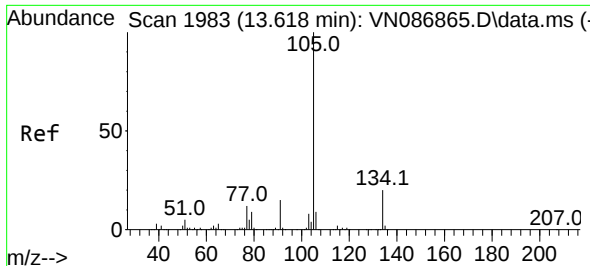
Tgt Ion:119 Resp: 156588
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.1 96.5
 134 24.9 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.373 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

Tgt Ion:105 Resp: 177241
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6

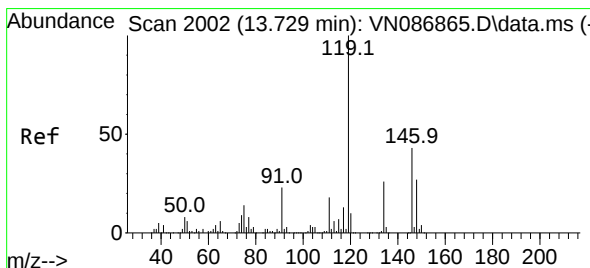
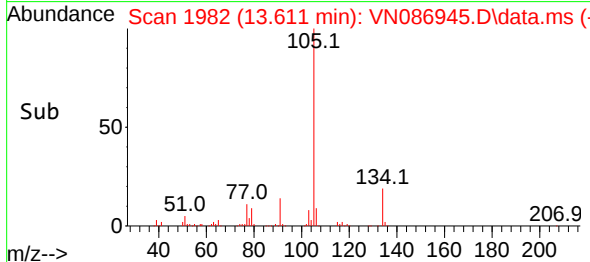
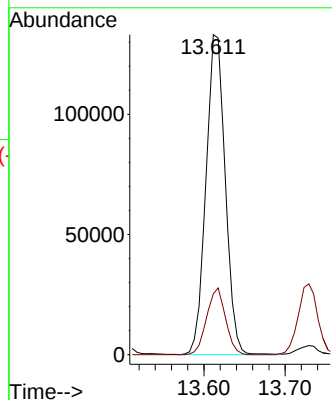
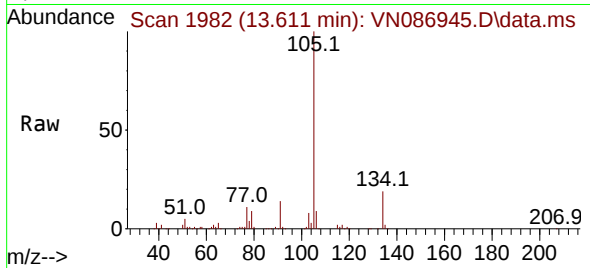




#85
 sec-Butylbenzene
 Concen: 18.109 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

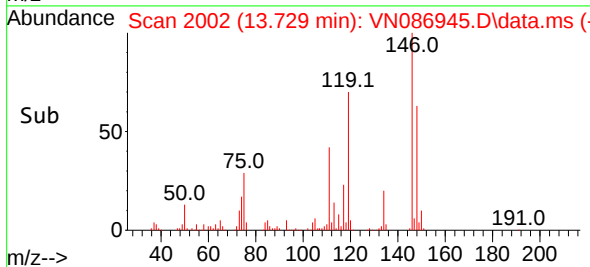
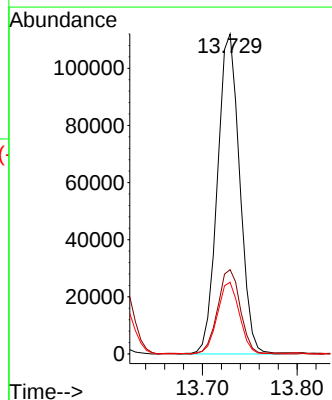
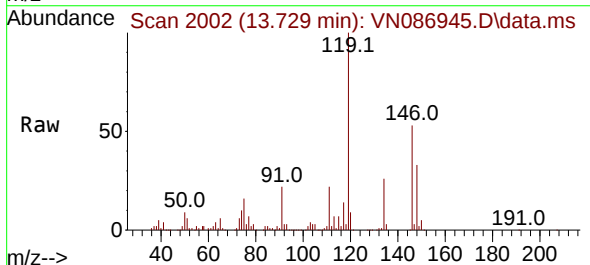
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD02

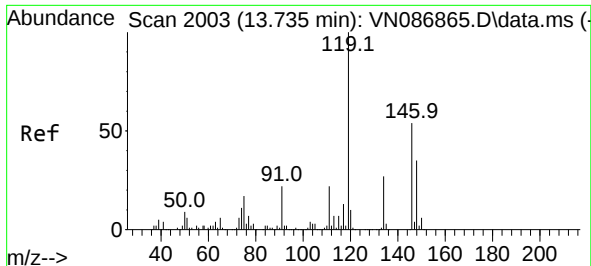
Tgt Ion:105 Resp: 219639
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 18.238 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086945.D
 Acq: 11 Jun 2025 14:01

Tgt Ion:119 Resp: 182853
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 20.517 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

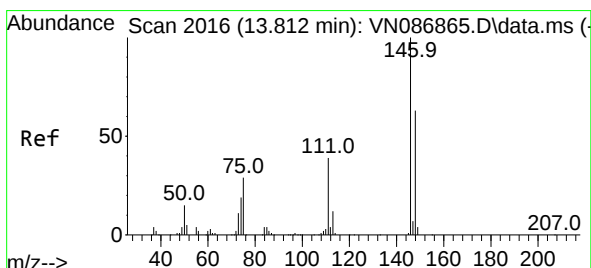
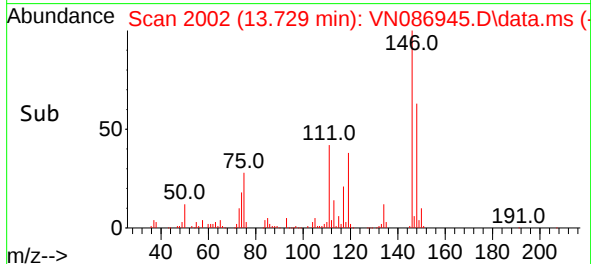
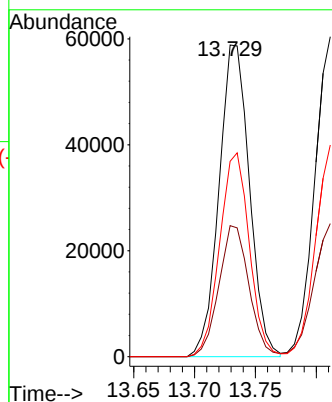
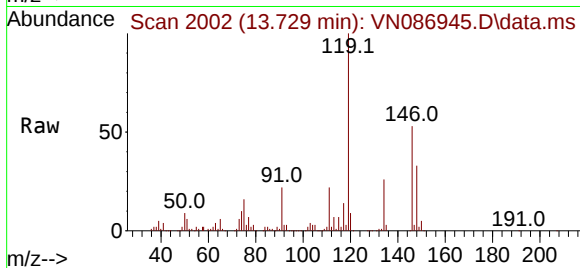
Tgt Ion:146 Resp: 102302

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.382 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

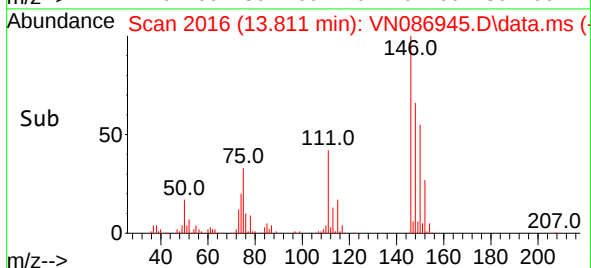
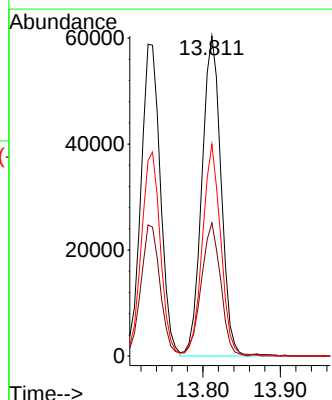
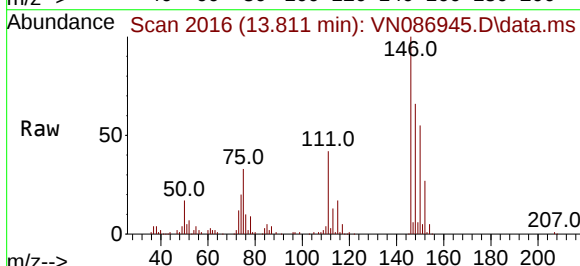
Tgt Ion:146 Resp: 103614

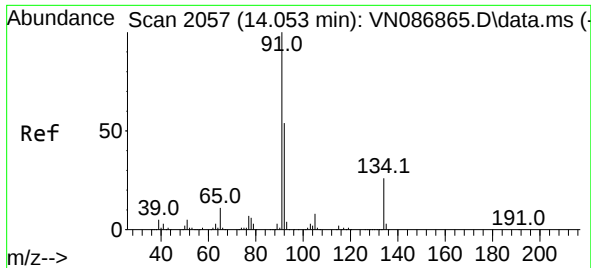
Ion Ratio Lower Upper

146 100

111 42.1 19.9 59.7

148 63.3 31.8 95.4

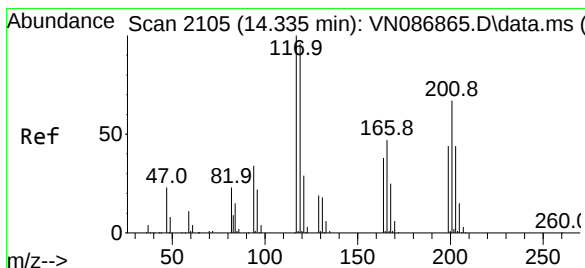
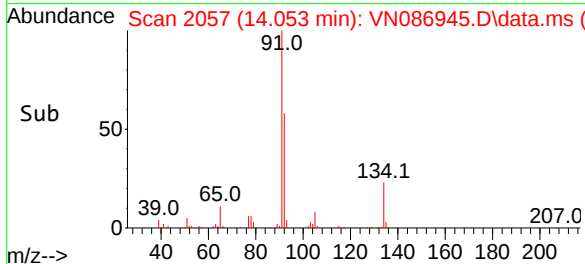
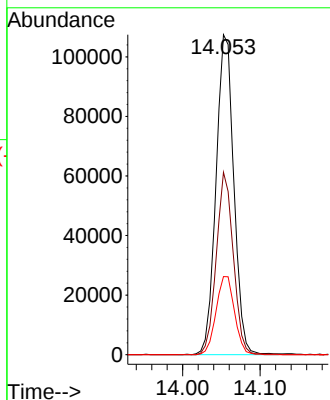
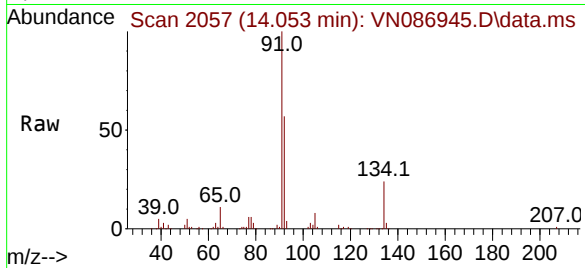




#89
n-Butylbenzene
Concen: 17.668 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

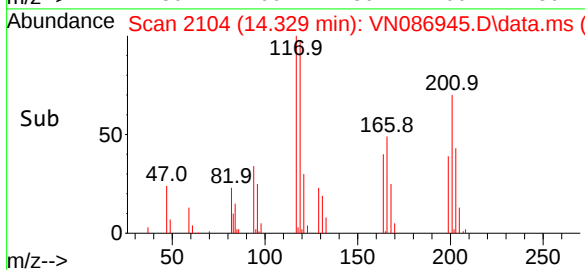
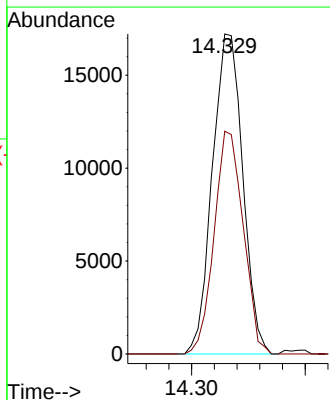
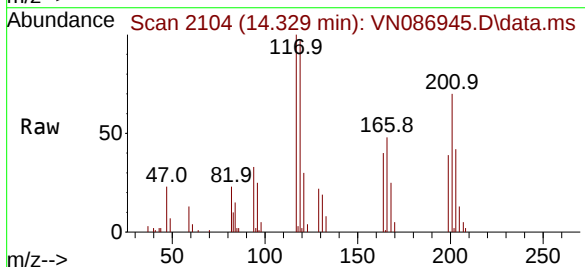
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Tgt Ion: 91 Resp: 171576
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.4 13.0 39.0



#90
Hexachloroethane
Concen: 18.810 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086945.D
Acq: 11 Jun 2025 14:01

Tgt Ion: 117 Resp: 31966
Ion Ratio Lower Upper
117 100
201 66.7 33.2 99.6





#91

1,2-Dichlorobenzene

Concen: 20.638 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

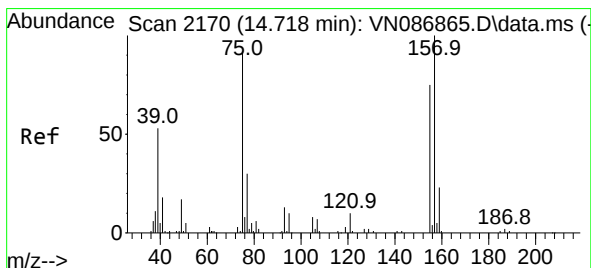
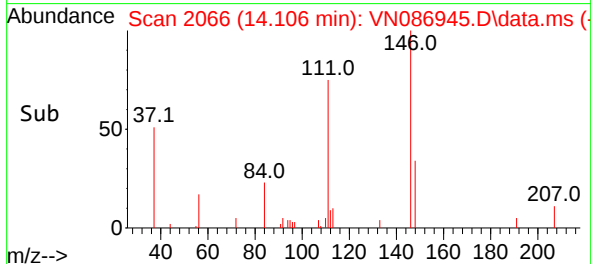
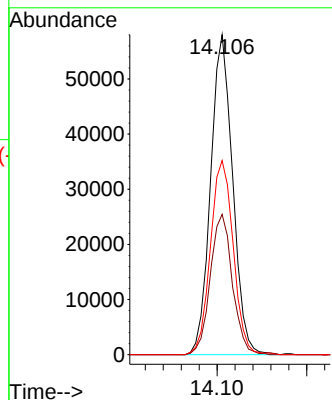
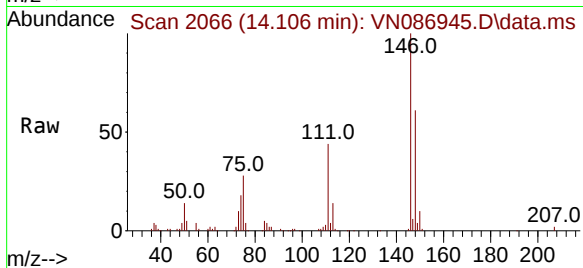
Tgt Ion:146 Resp: 98864

Ion Ratio Lower Upper

146 100

111 44.0 21.6 64.6

148 62.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.786 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

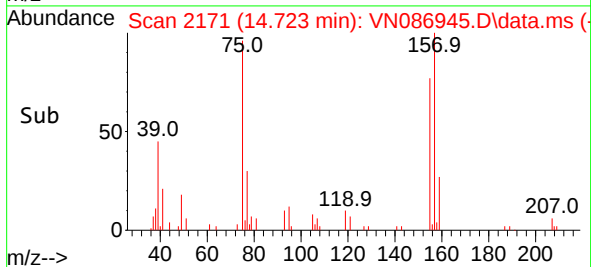
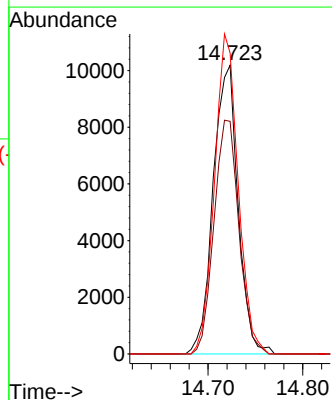
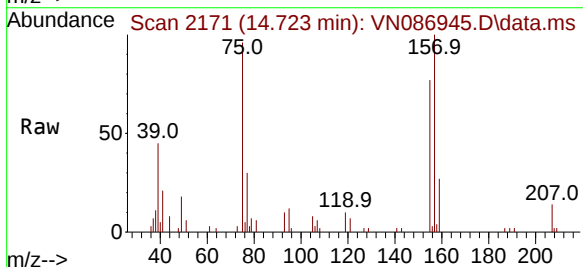
Tgt Ion: 75 Resp: 18610

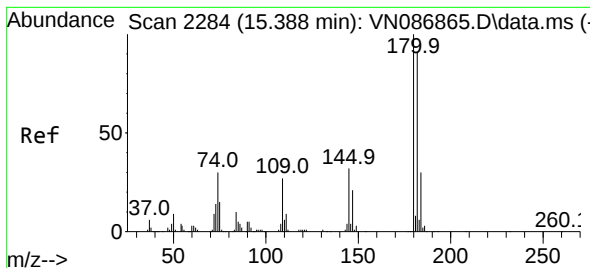
Ion Ratio Lower Upper

75 100

155 81.3 41.1 123.4

157 105.2 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 18.660 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

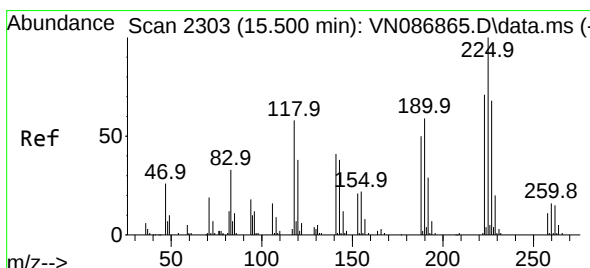
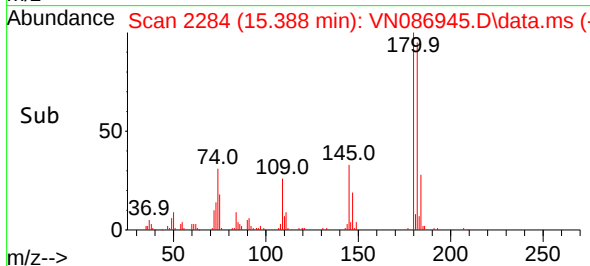
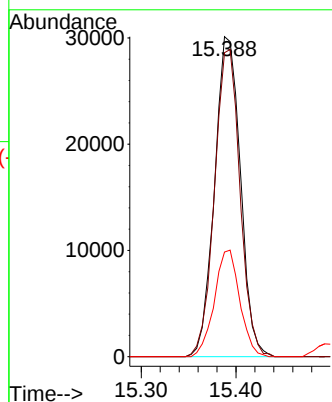
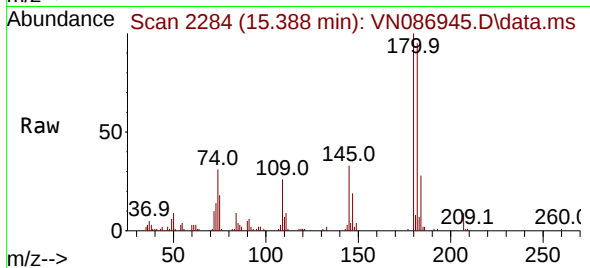
Tgt Ion:180 Resp: 57083

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.7

145 32.7 16.0 47.9



#94

Hexachlorobutadiene

Concen: 15.506 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

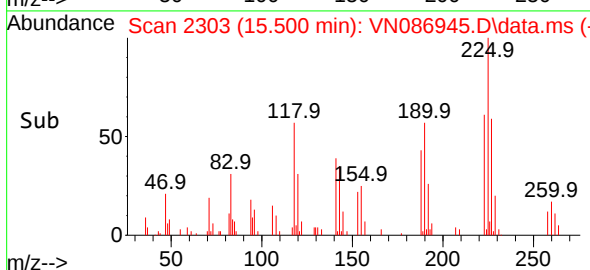
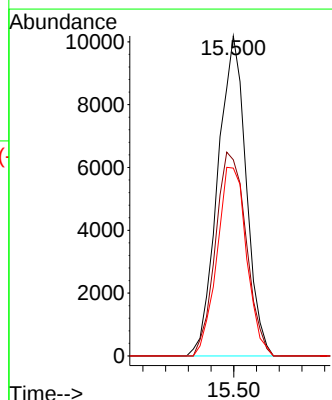
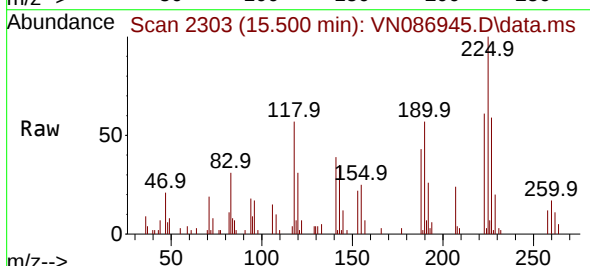
Tgt Ion:225 Resp: 17672

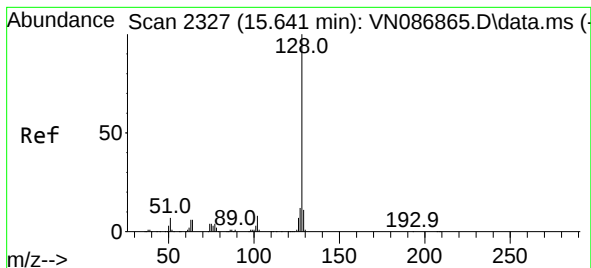
Ion Ratio Lower Upper

225 100

223 68.8 33.5 100.4

227 61.4 31.1 93.5





#95

Naphthalene

Concen: 20.281 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBSD02

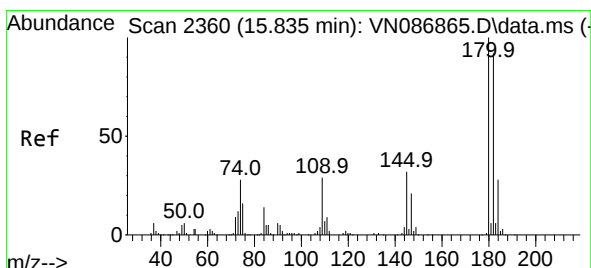
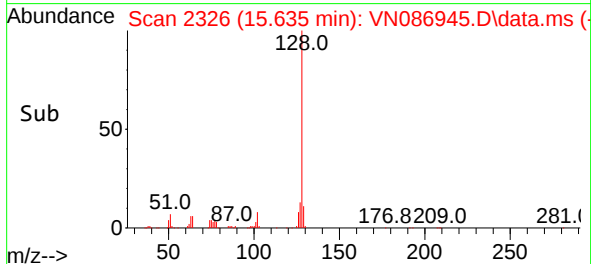
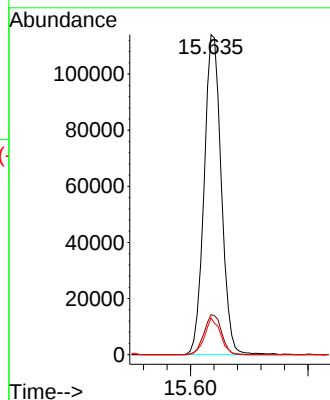
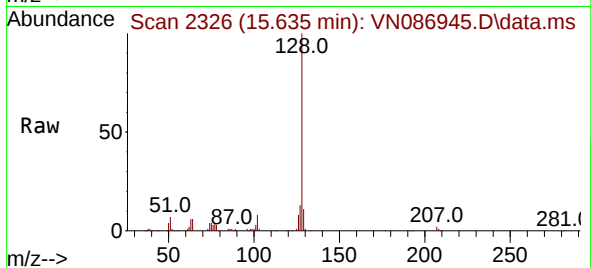
Tgt Ion:128 Resp: 230927

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.105 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086945.D

Acq: 11 Jun 2025 14:01

Tgt Ion:180 Resp: 55026

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.0

145 34.9 16.6 49.8

