

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087071.D
 Acq On : 17 Jun 2025 19:22
 Operator : JC\MD
 Sample : Q2299-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MSD

Quant Time: Jun 18 01:54:24 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	155511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123202	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	88647	42.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.160%
35) Dibromofluoromethane	8.177	113	77612	46.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	10.565	98	286700	43.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.847	95	109060	44.387	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	82063	52.925	ug/l	96
3) Chloromethane	2.395	50	89734	44.817	ug/l	97
4) Vinyl Chloride	2.553	62	115091	55.723	ug/l	100
5) Bromomethane	2.995	94	56895	49.224	ug/l	100
6) Chloroethane	3.153	64	72334	54.218	ug/l	99
7) Trichlorofluoromethane	3.530	101	144122	53.407	ug/l	98
8) Diethyl Ether	3.989	74	60949	51.838	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	89795	52.964	ug/l	99
10) Methyl Iodide	4.618	142	67952	30.918	ug/l #	96
11) Tert butyl alcohol	5.536	59	133559	236.403	ug/l	100
12) 1,1-Dichloroethene	4.371	96	93503	54.020	ug/l	94
13) Acrolein	4.200	56	71693	400.899	ug/l	99
14) Allyl chloride	5.047	41	130638	45.509	ug/l	95
15) Acrylonitrile	5.736	53	321940	243.798	ug/l	99
16) Acetone	4.442	43	244803	221.709	ug/l	100
17) Carbon Disulfide	4.741	76	266020	55.562	ug/l	99
18) Methyl Acetate	5.047	43	119450	37.123	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	313732	50.060	ug/l	100
20) Methylene Chloride	5.294	84	104051	50.334	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	99702	51.773	ug/l	93
22) Diisopropyl ether	6.688	45	289352	47.819	ug/l	97
23) Vinyl Acetate	6.618	43	1164853	227.850	ug/l	97
24) 1,1-Dichloroethane	6.588	63	178839	51.358	ug/l	99
25) 2-Butanone	7.494	43	407627	227.117	ug/l	97
26) 2,2-Dichloropropane	7.500	77	124213	45.857	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	120439	52.294	ug/l	96
28) Bromochloromethane	7.824	49	74604	43.574	ug/l	93
29) Tetrahydrofuran	7.847	42	268741	229.855	ug/l	95
30) Chloroform	7.977	83	178539	51.341	ug/l	98
31) Cyclohexane	8.265	56	150648	44.610	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	147971	50.029	ug/l	99
36) 1,1-Dichloropropene	8.382	75	128759	51.725	ug/l	99
37) Ethyl Acetate	7.571	43	135617	42.797	ug/l	97
38) Carbon Tetrachloride	8.371	117	126518	51.769	ug/l	98
39) Methylcyclohexane	9.606	83	141342	41.444	ug/l	96
40) Benzene	8.612	78	420958	51.715	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	79500	44.672	ug/l	92
42) 1,2-Dichloroethane	8.677	62	124565	50.453	ug/l	100
43) Isopropyl Acetate	8.694	43	224875	44.214	ug/l	96
44) Trichloroethene	9.359	130	130524	67.624	ug/l	99
45) 1,2-Dichloropropane	9.624	63	100885	50.943	ug/l	98
46) Dibromomethane	9.712	93	69631	52.936	ug/l	98
47) Bromodichloromethane	9.888	83	138481	51.169	ug/l	100
48) Methyl methacrylate	9.682	41	107353	45.859	ug/l	96
49) 1,4-Dioxane	9.700	88	44203	1037.957	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	733862	239.680	ug/l	97
52) Toluene	10.629	92	259142	52.093	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	152953	50.542	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	162000	50.031	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	99442	51.952	ug/l	97
56) Ethyl methacrylate	10.882	69	162430	53.277	ug/l	92
57) 1,3-Dichloropropane	11.165	76	168661	50.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.200	63	1033	0.568	ug/l #	46
59) 2-Hexanone	11.200	43	482966	244.883	ug/l	92
60) Dibromochloromethane	11.359	129	106978	53.642	ug/l	100
61) 1,2-Dibromoethane	11.470	107	101626	51.798	ug/l	98
64) Tetrachloroethene	11.106	164	76671	48.922	ug/l	98
65) Chlorobenzene	11.894	112	284105	52.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	91349	52.031	ug/l	98
67) Ethyl Benzene	11.965	91	468336	49.782	ug/l	99
68) m/p-Xylenes	12.070	106	373733	103.778	ug/l	97
69) o-Xylene	12.394	106	180810	52.423	ug/l	97
70) Styrene	12.412	104	307610	52.120	ug/l	99
71) Bromoform	12.576	173	70995	54.576	ug/l #	99
73) Isopropylbenzene	12.694	105	435200	48.488	ug/l	99
74) N-amyl acetate	12.517	43	124369	39.654	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	156580	51.495	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	204223	69.735	ug/l	70
77) Bromobenzene	12.976	156	109574	53.234	ug/l	94
78) n-propylbenzene	13.035	91	510687	46.820	ug/l	98
79) 2-Chlorotoluene	13.123	91	313811	47.974	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	357918	48.301	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54168	42.578	ug/l	98
82) 4-Chlorotoluene	13.223	91	326807	49.376	ug/l	98
83) tert-Butylbenzene	13.435	119	299310	44.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	359283	48.351	ug/l	99
85) sec-Butylbenzene	13.611	105	424368	43.080	ug/l	99
86) p-Isopropyltoluene	13.729	119	352540	43.295	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	205942	50.853	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	209259	50.682	ug/l	100
89) n-Butylbenzene	14.053	91	303725	38.509	ug/l	99
90) Hexachloroethane	14.329	117	63711	46.159	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	196022	50.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35082	48.244	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	107091	43.103	ug/l	99
94) Hexachlorobutadiene	15.500	225	33799	36.514	ug/l	95
95) Naphthalene	15.635	128	442333	47.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	104647	42.393	ug/l	97

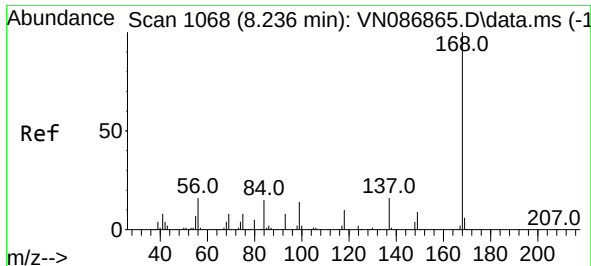
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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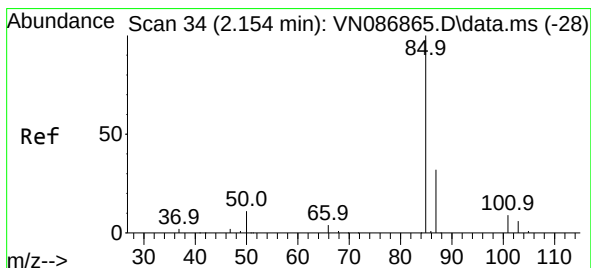
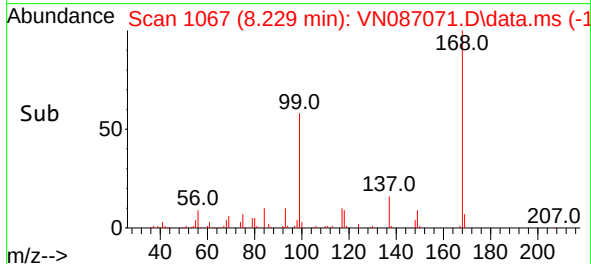
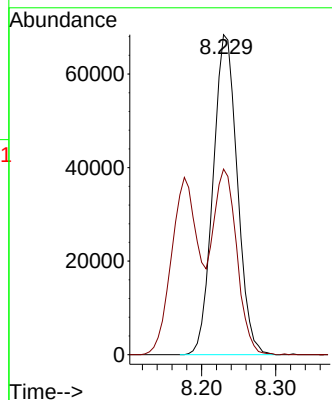
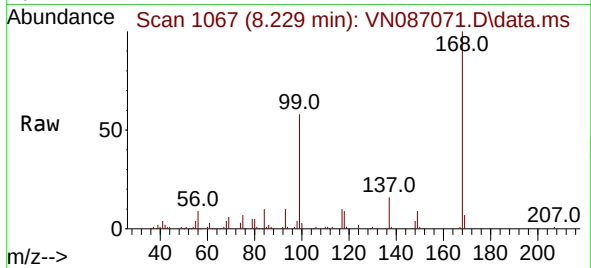
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
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Acq: 17 Jun 2025 19:22

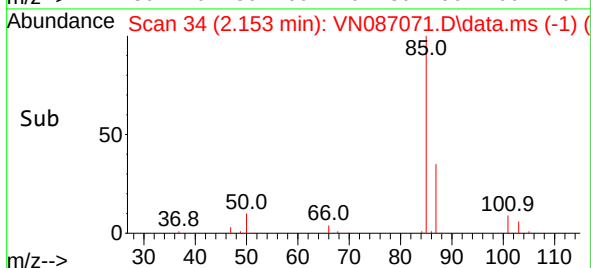
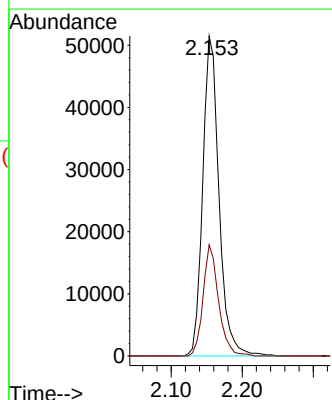
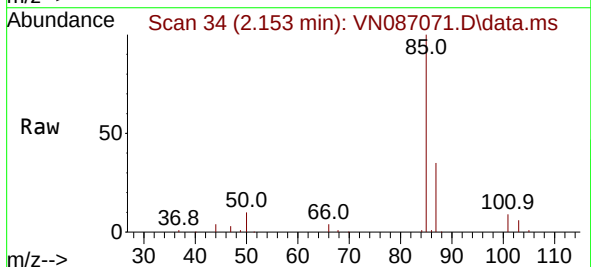
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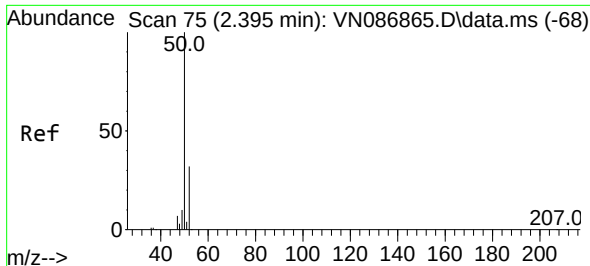
Tgt Ion:168 Resp: 155511
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 52.925 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 85 Resp: 82063
Ion Ratio Lower Upper
85 100
87 34.8 16.2 48.6

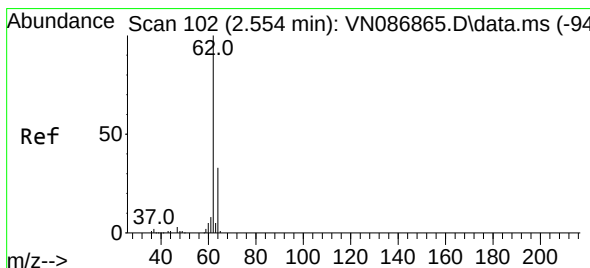
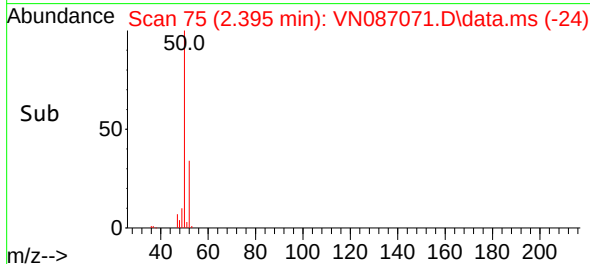
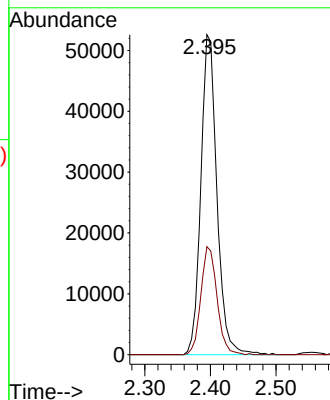
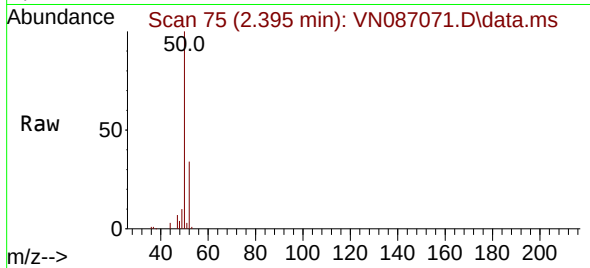




#3
Chloromethane
Concen: 44.817 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

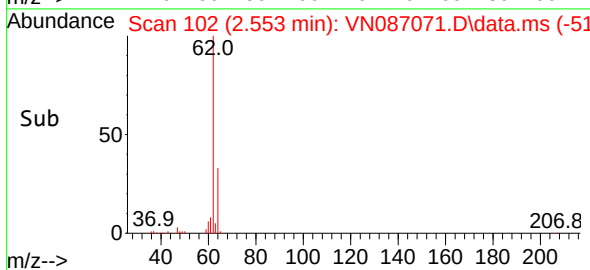
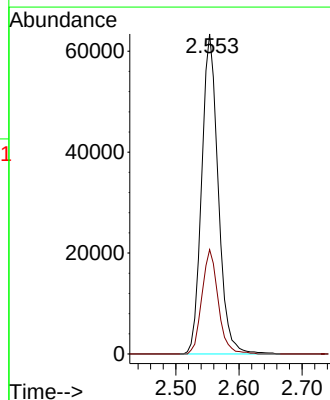
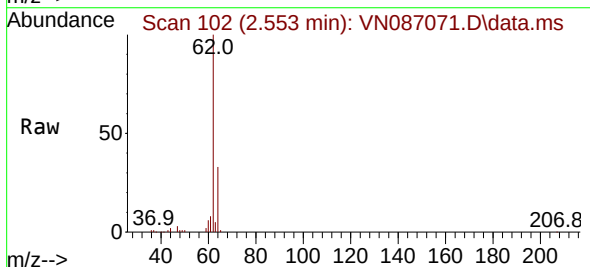
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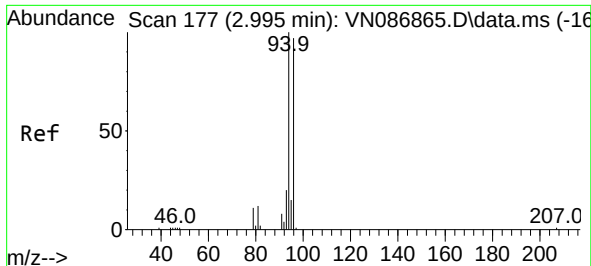
Tgt Ion: 50 Resp: 89734
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5



#4
Vinyl Chloride
Concen: 55.723 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 62 Resp: 115091
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

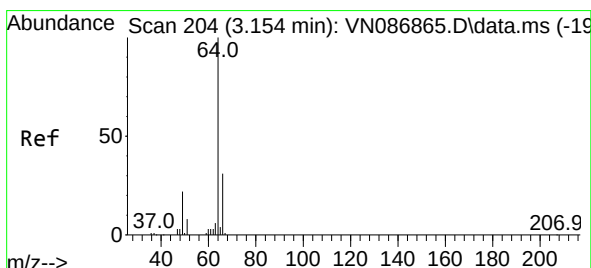
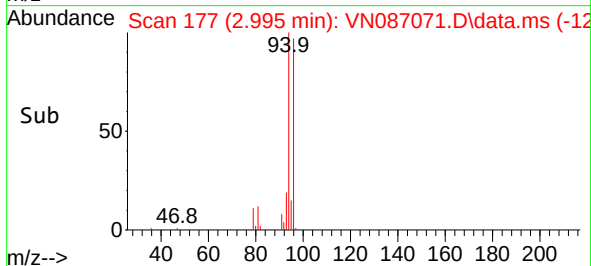
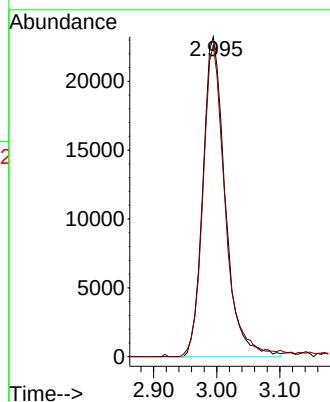
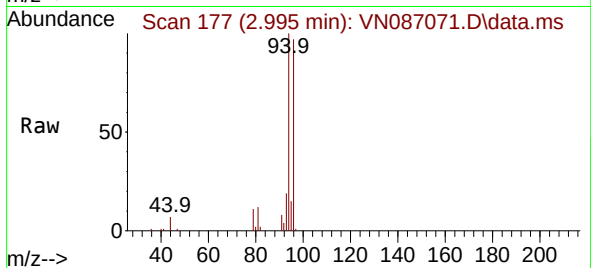




#5
Bromomethane
Concen: 49.224 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

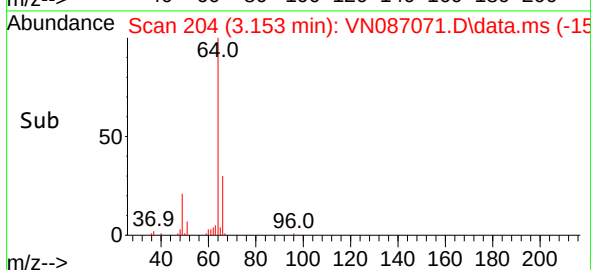
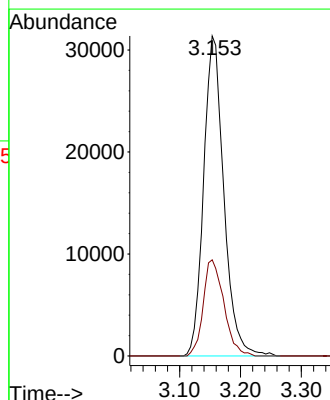
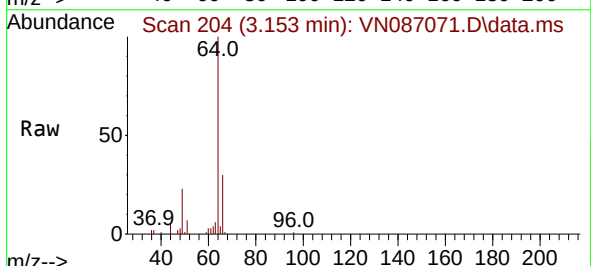
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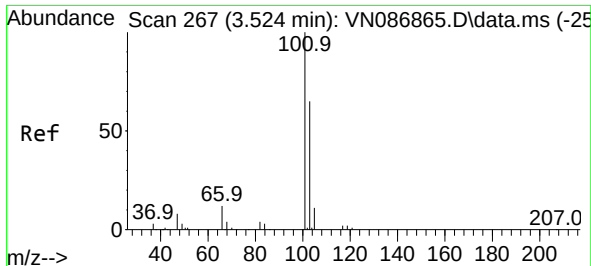
Tgt Ion: 94 Resp: 56895
Ion Ratio Lower Upper
94 100
96 97.3 77.9 116.9



#6
Chloroethane
Concen: 54.218 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 64 Resp: 72334
Ion Ratio Lower Upper
64 100
66 30.1 24.6 36.8

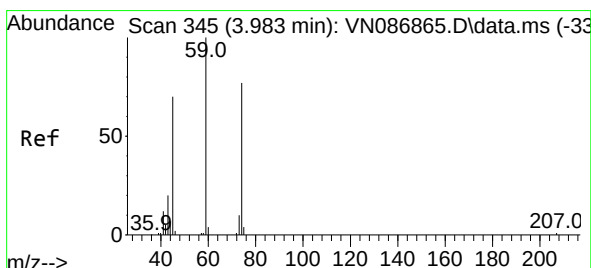
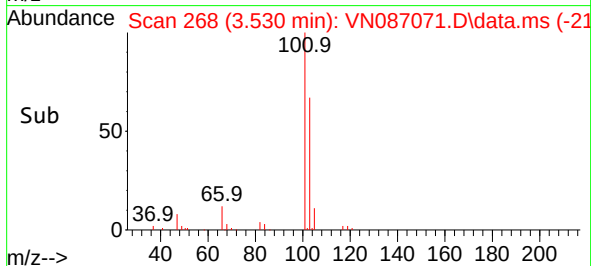
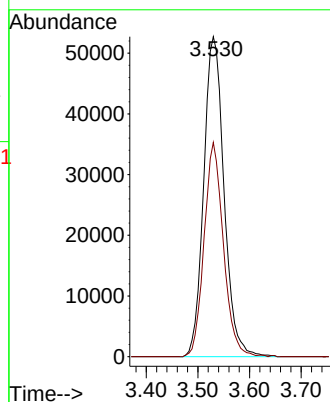
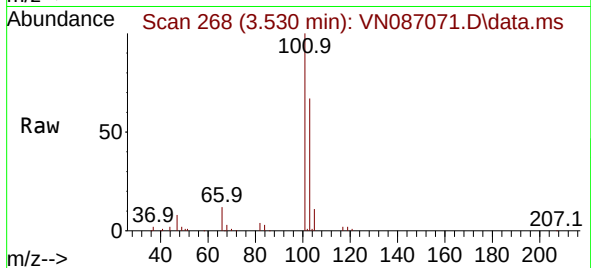




#7
Trichlorofluoromethane
Concen: 53.407 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

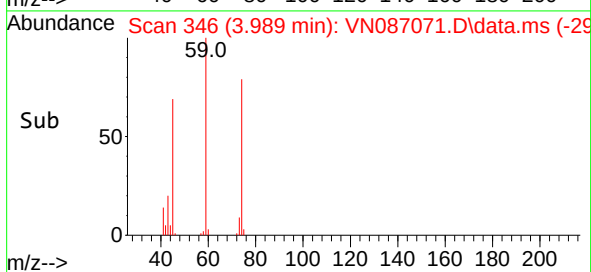
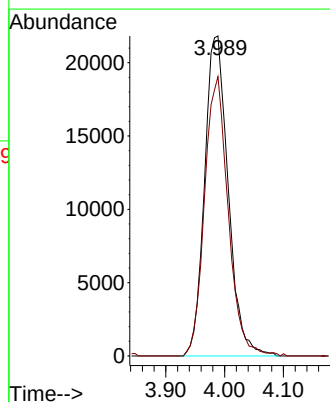
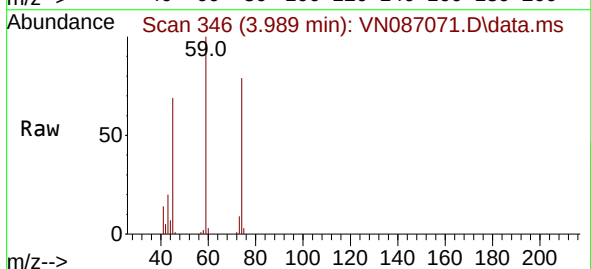
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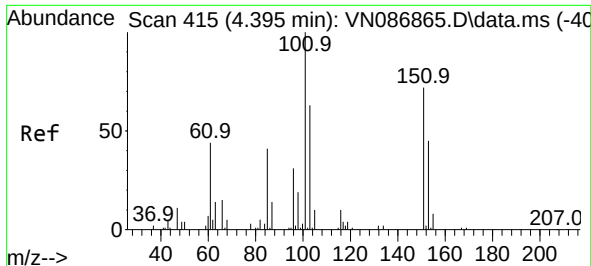
Tgt Ion:101 Resp: 144122
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.2



#8
Diethyl Ether
Concen: 51.838 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 74 Resp: 60949
Ion Ratio Lower Upper
74 100
45 87.4 45.5 136.5

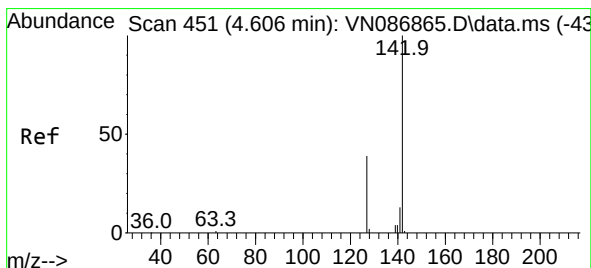
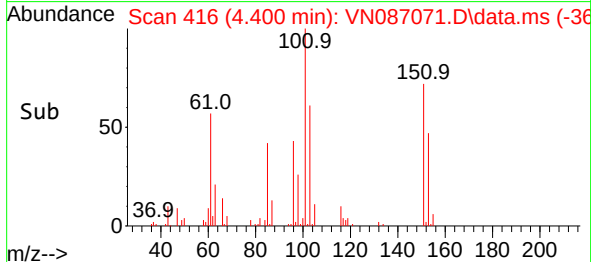
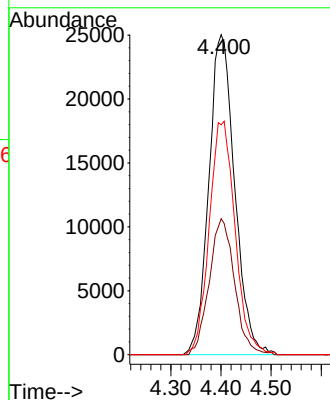
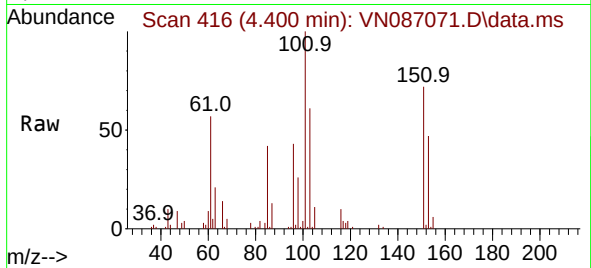




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.964 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087071.D
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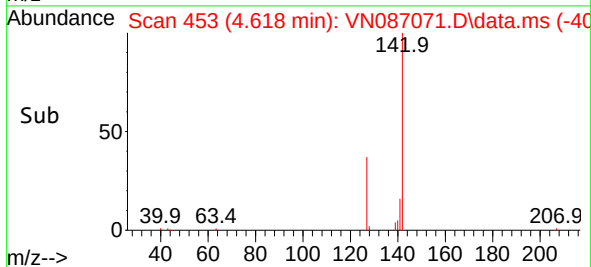
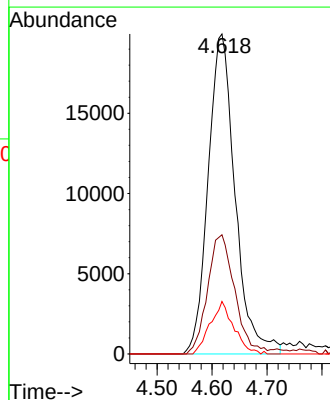
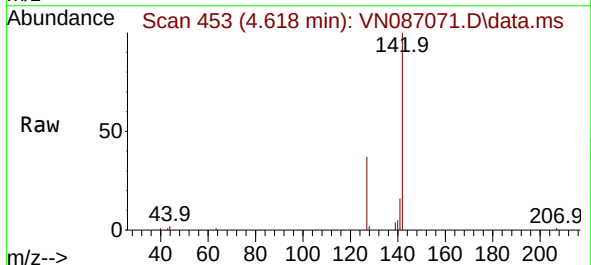
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

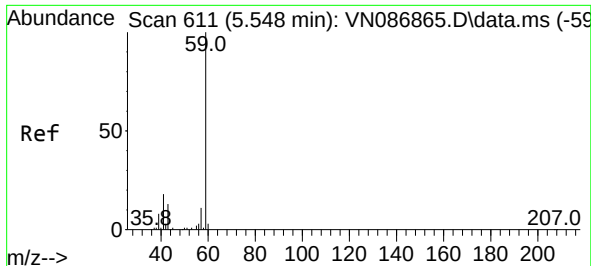
Tgt Ion:101 Resp: 89795
Ion Ratio Lower Upper
101 100
85 41.6 33.8 50.8
151 73.1 58.7 88.1



#10
Methyl Iodide
Concen: 30.918 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:142 Resp: 67952
Ion Ratio Lower Upper
142 100
127 37.3 30.9 46.3
141 16.4 10.4 15.6#

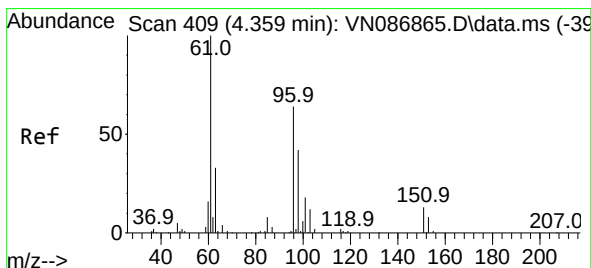
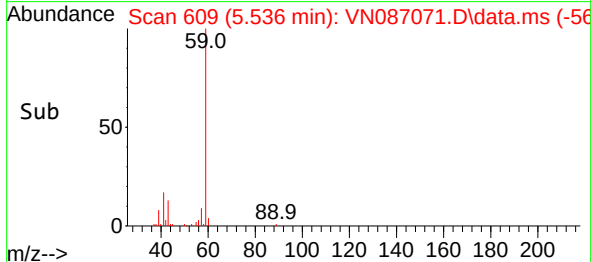
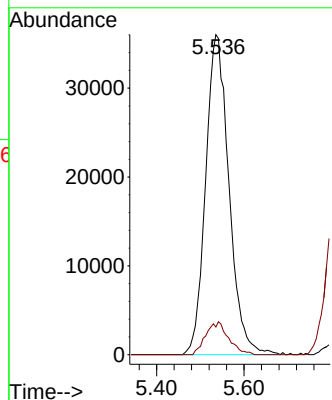
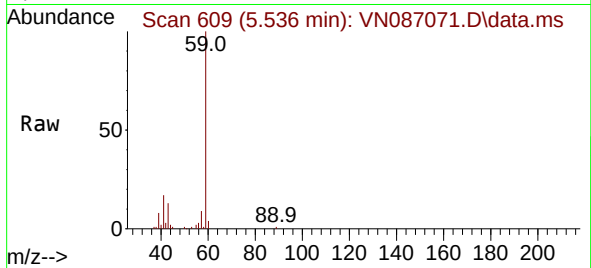




#11
Tert butyl alcohol
Concen: 236.403 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

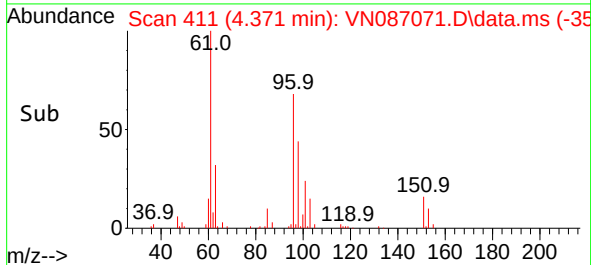
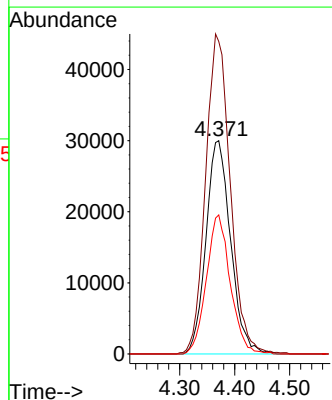
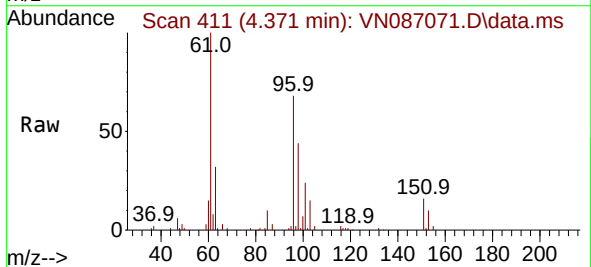
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

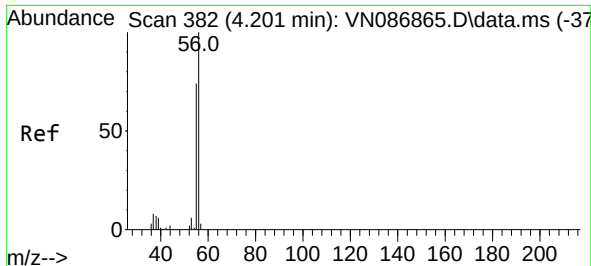
Tgt Ion: 59 Resp: 133559
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 54.020 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 96 Resp: 93503
Ion Ratio Lower Upper
96 100
61 146.0 125.8 188.6
98 65.2 52.5 78.7

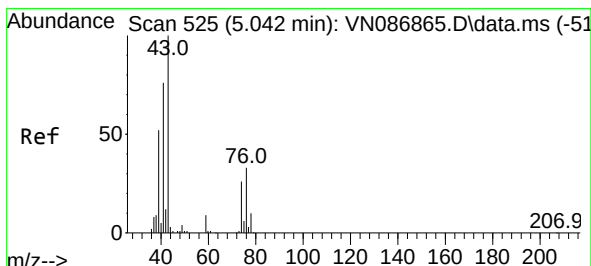
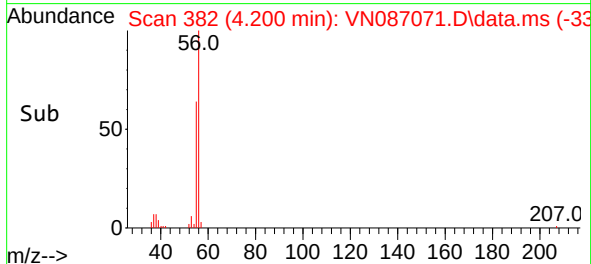
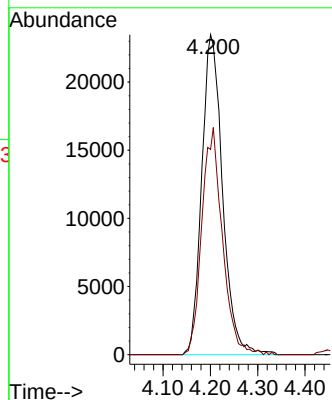
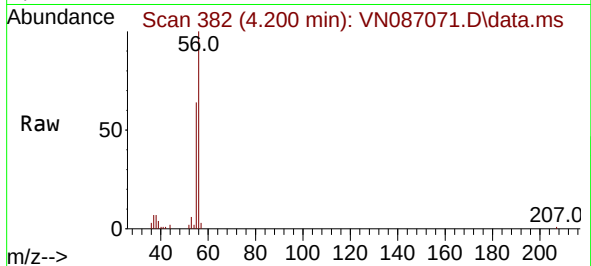




#13
Acrolein
Concen: 400.899 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

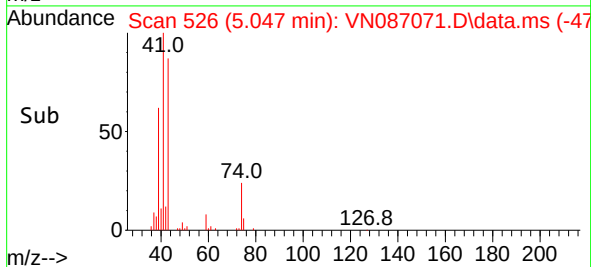
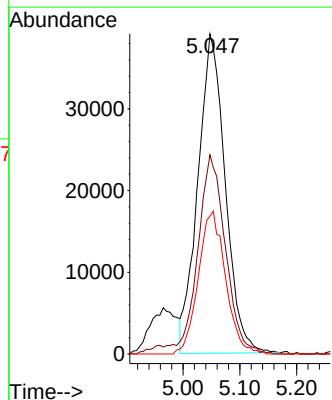
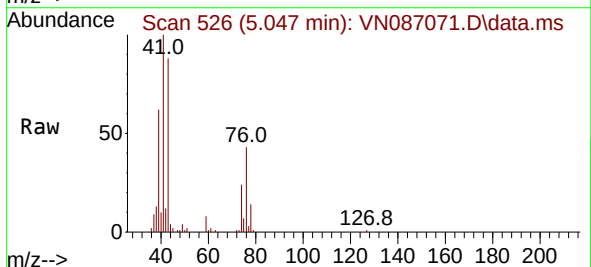
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

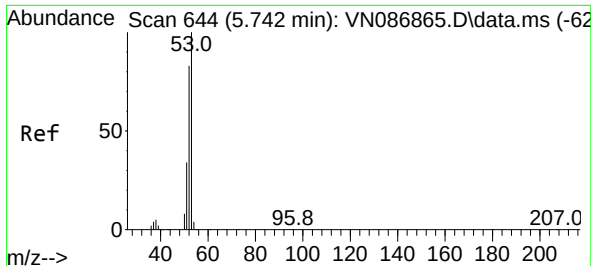
Tgt Ion: 56 Resp: 71693
Ion Ratio Lower Upper
56 100
55 70.1 55.6 83.4



#14
Allyl chloride
Concen: 45.509 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

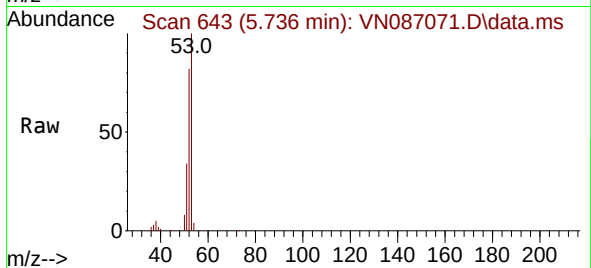
Tgt Ion: 41 Resp: 130638
Ion Ratio Lower Upper
41 100
39 62.2 51.3 76.9
76 44.4 31.4 47.0



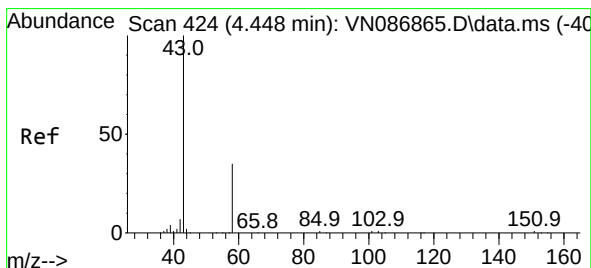
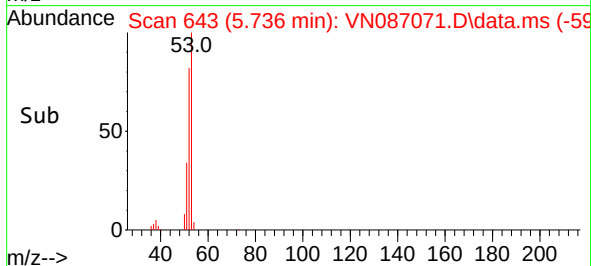
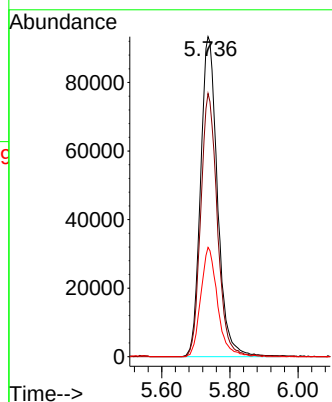


#15
Acrylonitrile
Concen: 243.798 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

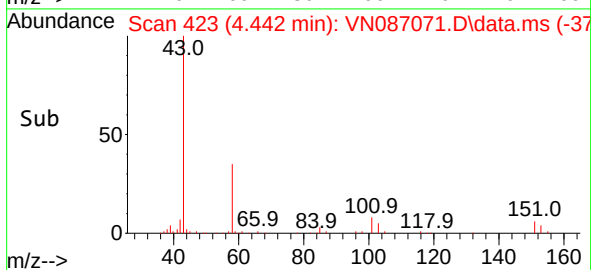
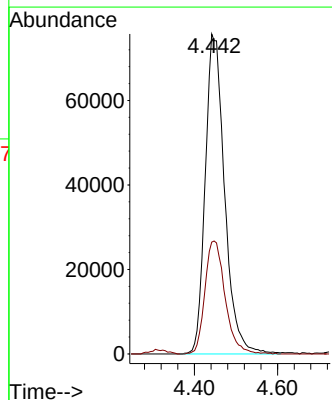
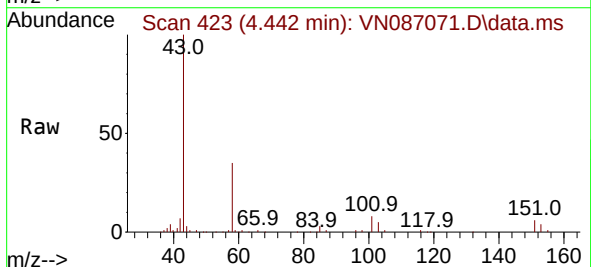


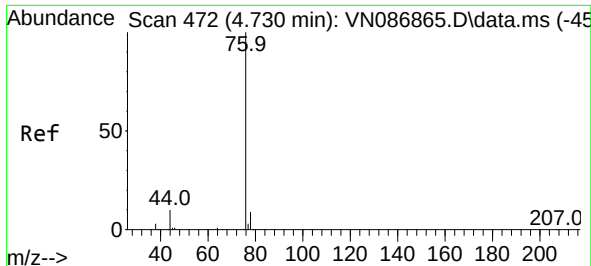
Tgt Ion:	53	Resp:	321940
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.0	97.6
51	33.9	27.2	40.8



#16
Acetone
Concen: 221.709 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:	43	Resp:	244803
Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0

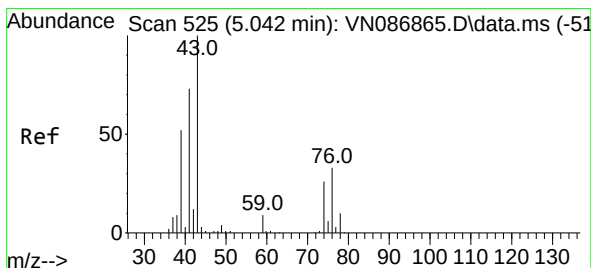
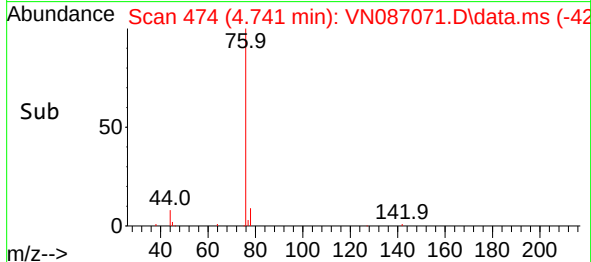
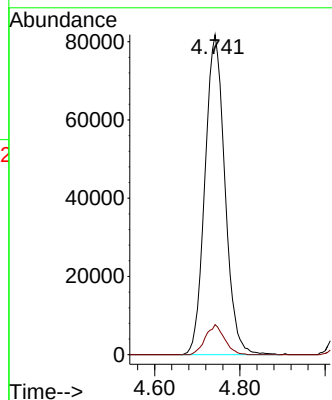
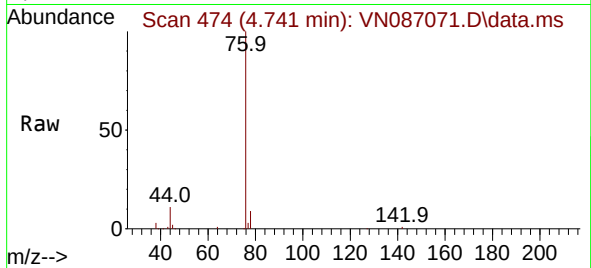




#17
Carbon Disulfide
Concen: 55.562 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

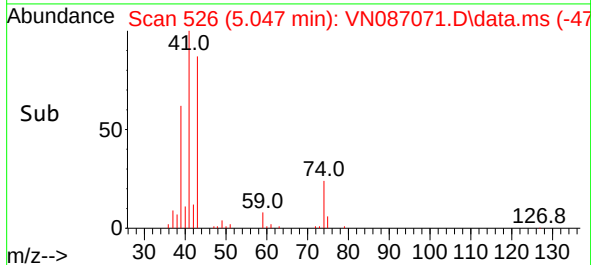
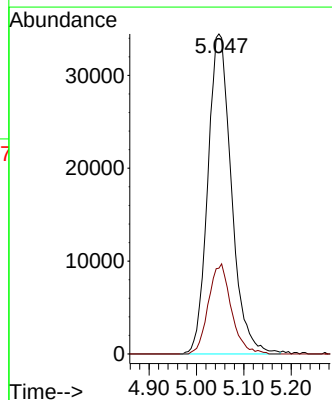
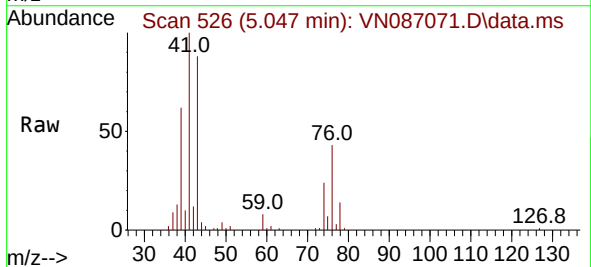
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

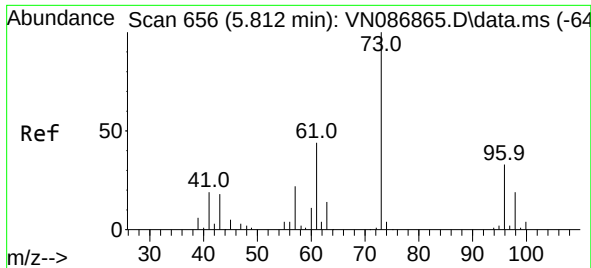
Tgt Ion: 76 Resp: 266020
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 37.123 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 43 Resp: 119450
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1

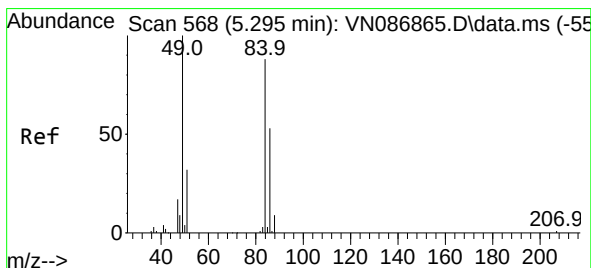
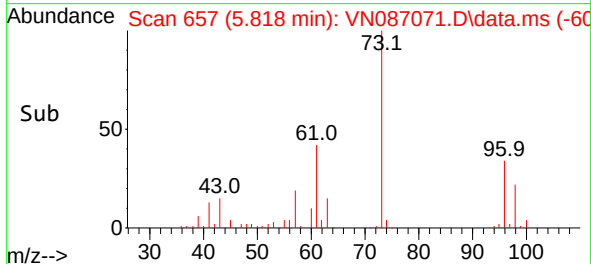
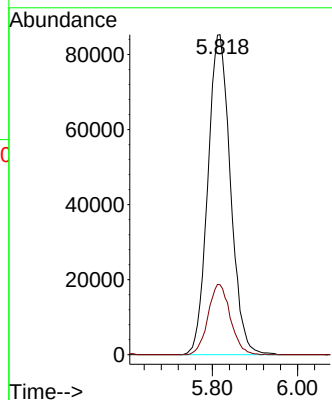
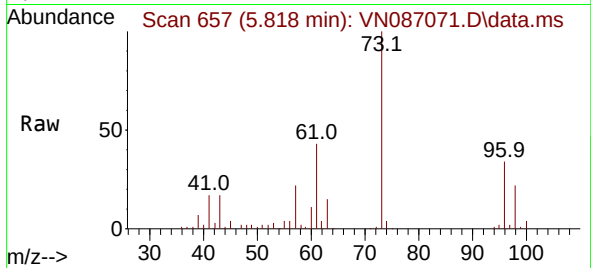




#19
Methyl tert-butyl Ether
Concen: 50.060 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

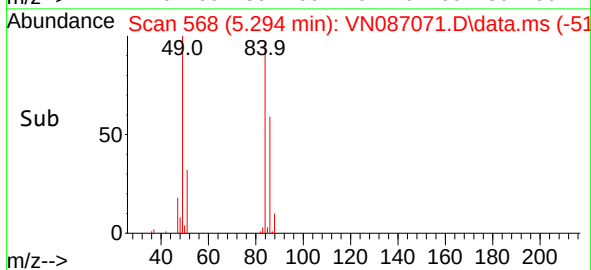
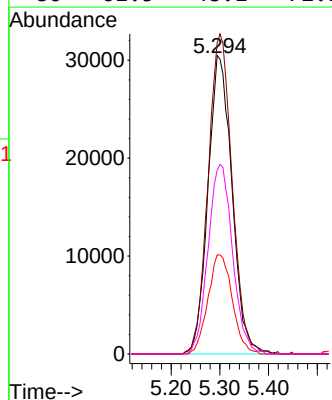
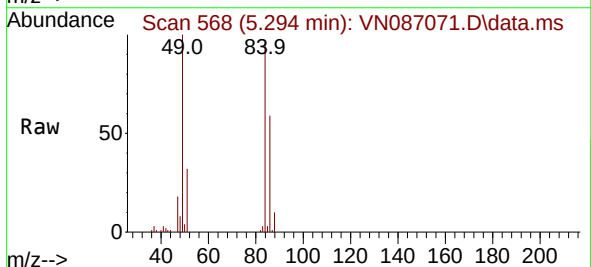
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

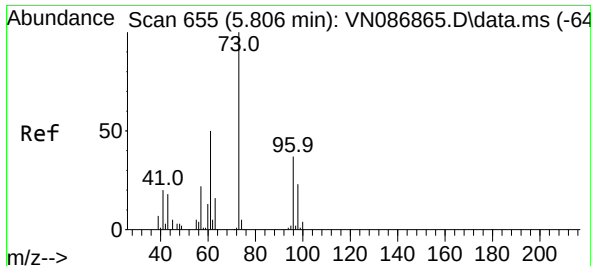
Tgt Ion: 73 Resp: 313732
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 50.334 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 84 Resp: 104051
Ion Ratio Lower Upper
84 100
49 104.3 90.5 135.7
51 33.2 28.5 42.7
86 61.5 48.1 72.1

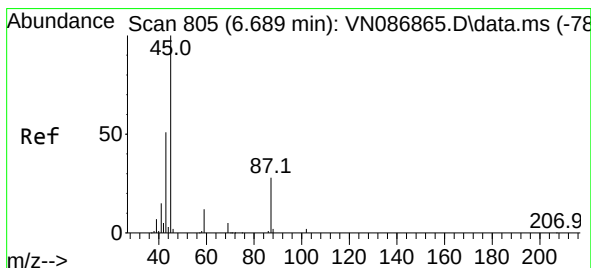
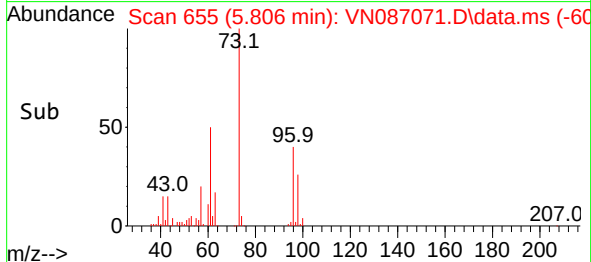
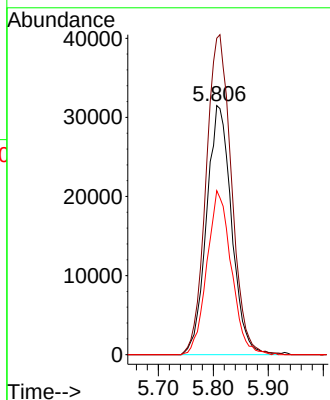
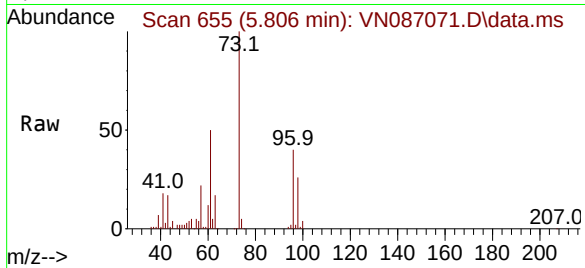




#21
trans-1,2-Dichloroethene
Concen: 51.773 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

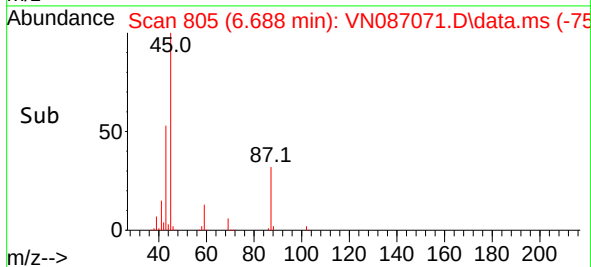
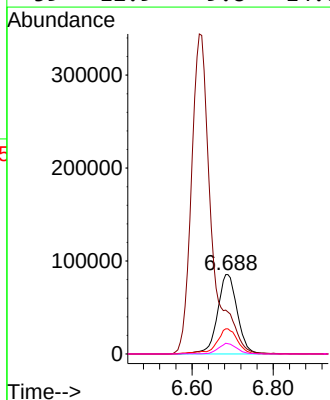
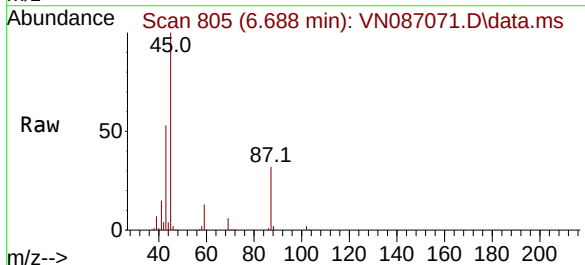
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

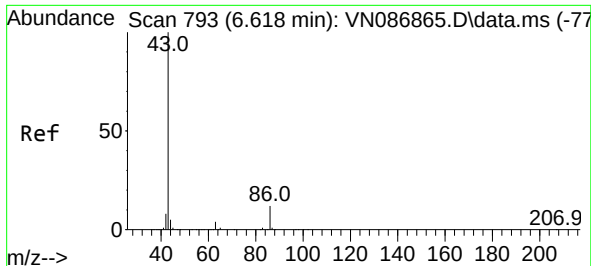
Tgt Ion: 96 Resp: 99702
Ion Ratio Lower Upper
96 100
61 127.1 109.2 163.8
98 65.8 49.8 74.8



#22
Diisopropyl ether
Concen: 47.819 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 45 Resp: 289352
Ion Ratio Lower Upper
45 100
43 52.3 41.9 62.9
87 31.8 22.4 33.6
59 12.9 9.8 14.6

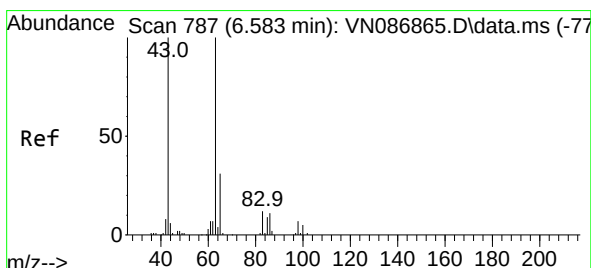
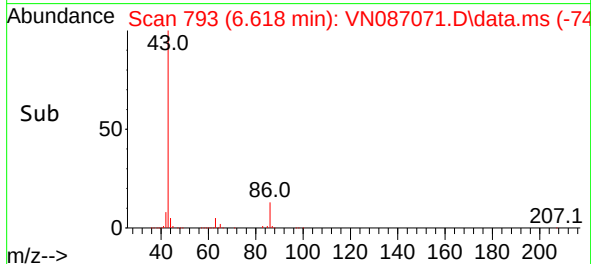
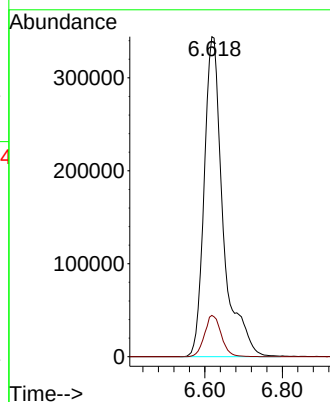
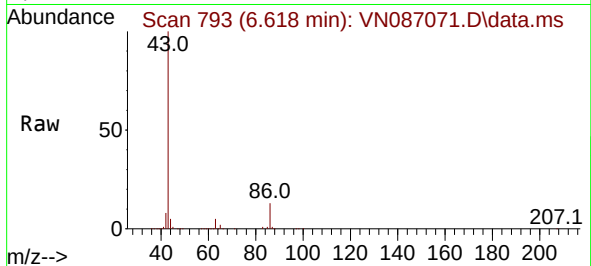




#23
 Vinyl Acetate
 Concen: 227.850 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

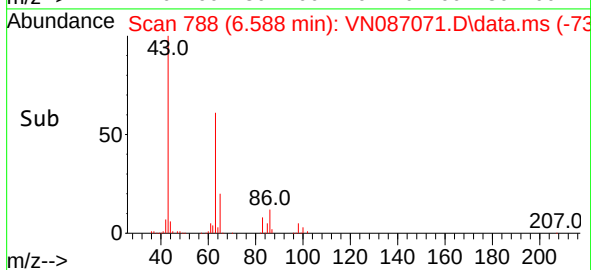
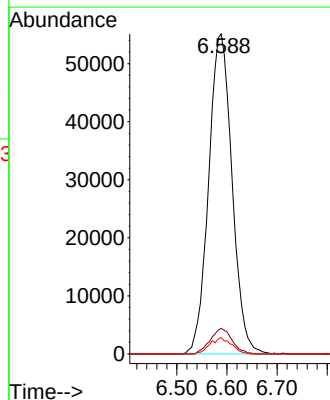
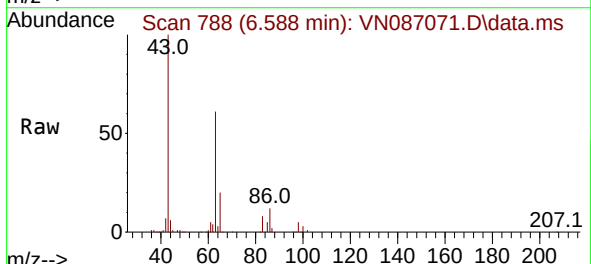
Instrument :
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 ClientSampleId :
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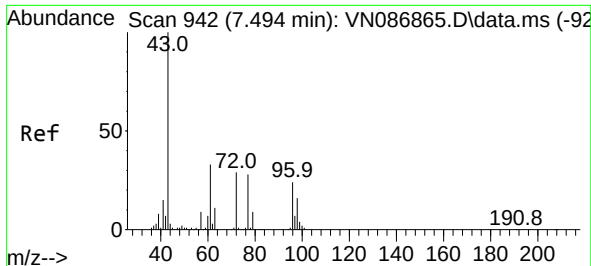
Tgt Ion: 43 Resp: 1164853
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 51.358 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

Tgt Ion: 63 Resp: 178839
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.1 2.6 7.8

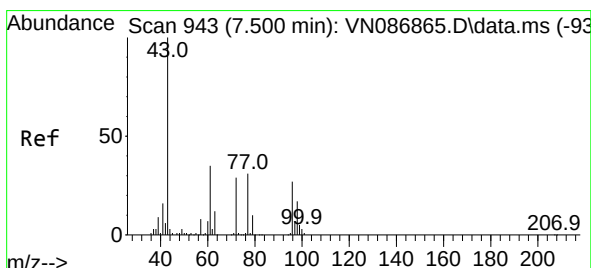
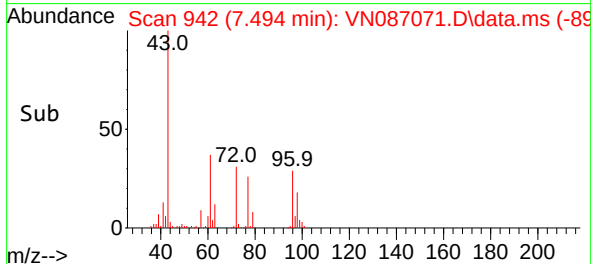
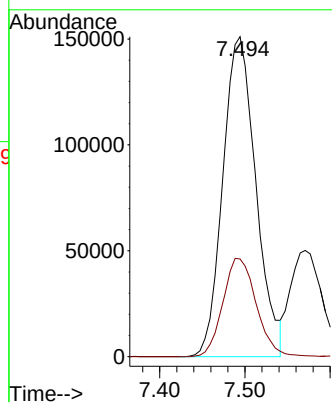
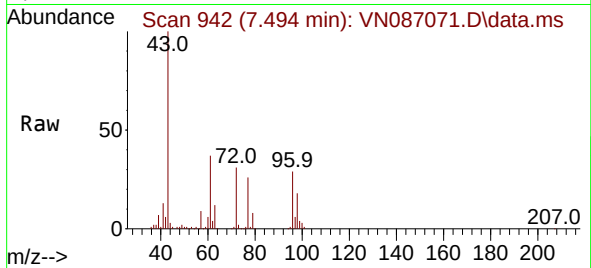




#25
2-Butanone
Concen: 227.117 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

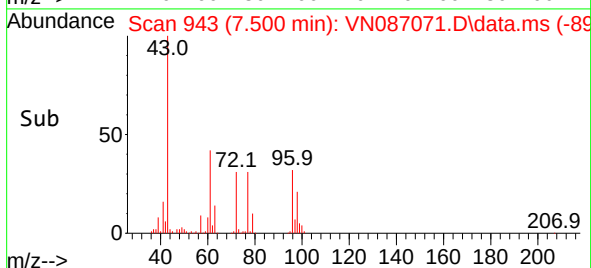
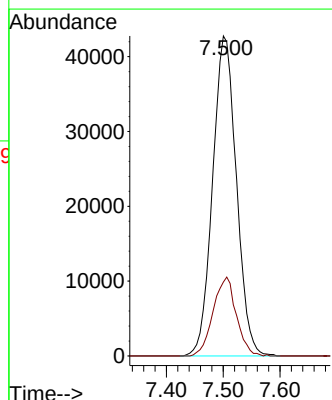
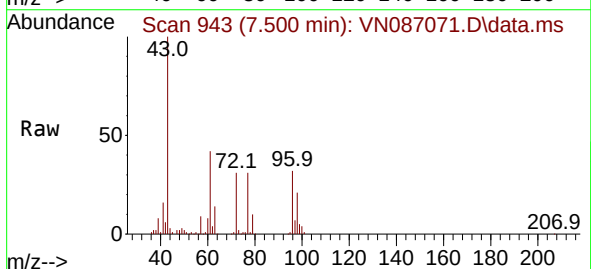
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

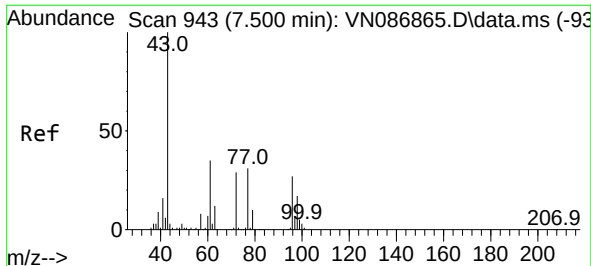
Tgt Ion: 43 Resp: 407627
Ion Ratio Lower Upper
43 100
72 30.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 45.857 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 77 Resp: 124213
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7

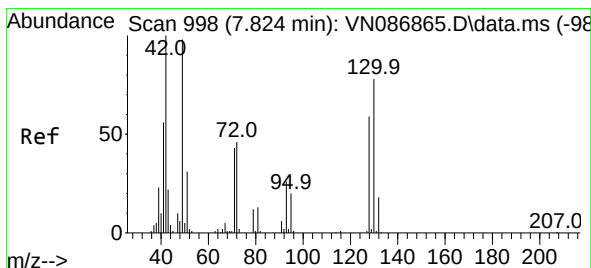
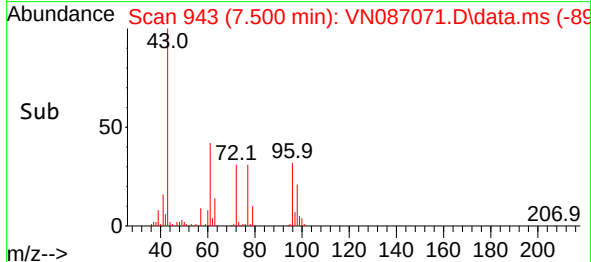
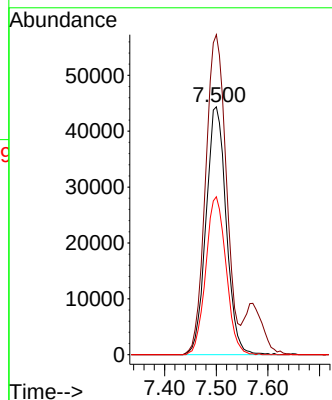
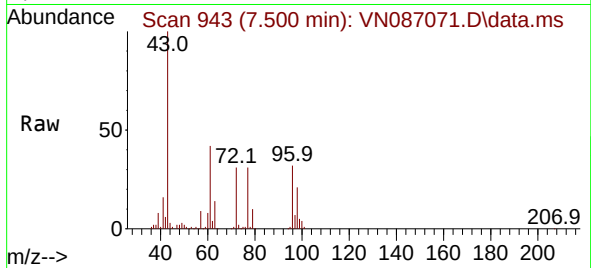




#27
 cis-1,2-Dichloroethene
 Concen: 52.294 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

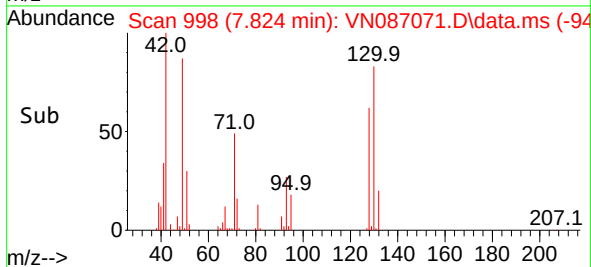
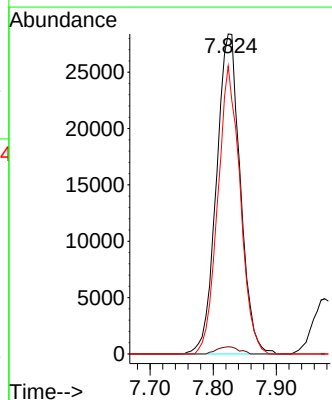
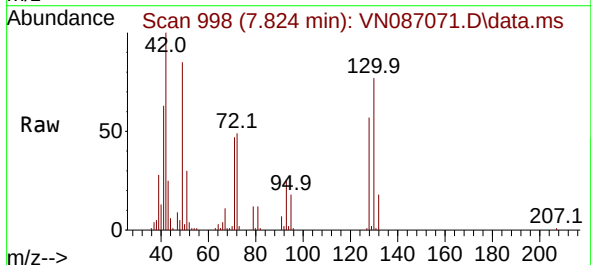
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MSD

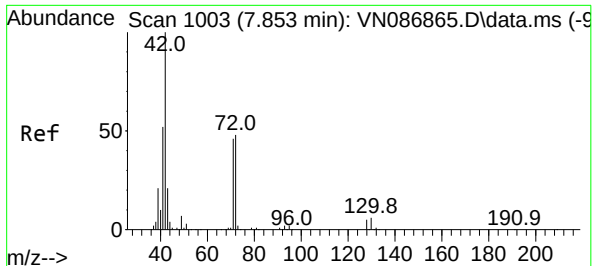
Tgt Ion: 96 Resp: 120439
 Ion Ratio Lower Upper
 96 100
 61 132.5 0.0 278.0
 98 64.0 0.0 128.2



#28
 Bromochloromethane
 Concen: 43.574 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

Tgt Ion: 49 Resp: 74604
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 84.1 62.2 93.2





#29

Tetrahydrofuran

Concen: 229.855 ug/l

RT: 7.847 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD

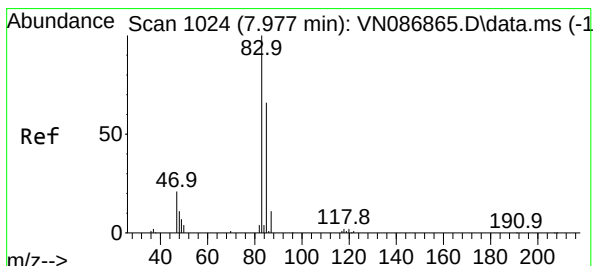
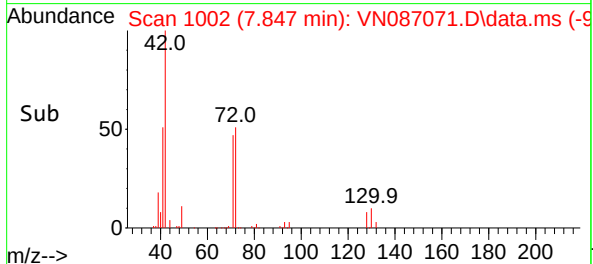
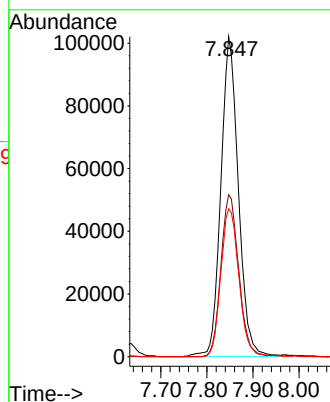
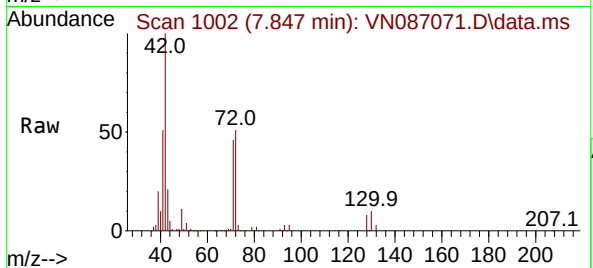
Tgt Ion: 42 Resp: 268741

Ion Ratio Lower Upper

42 100

72 51.3 37.8 56.6

71 47.6 35.6 53.4



#30

Chloroform

Concen: 51.341 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087071.D

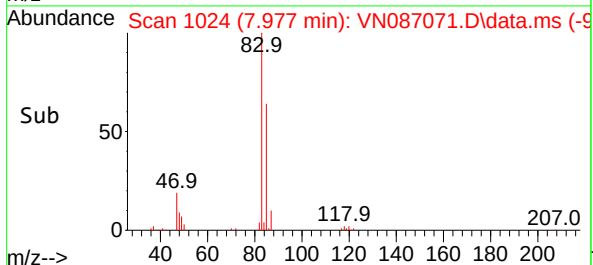
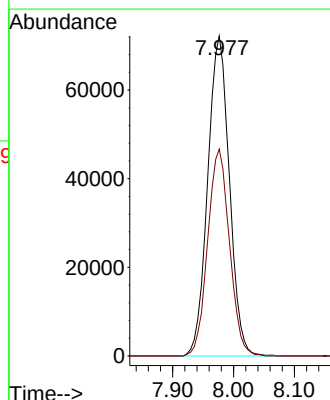
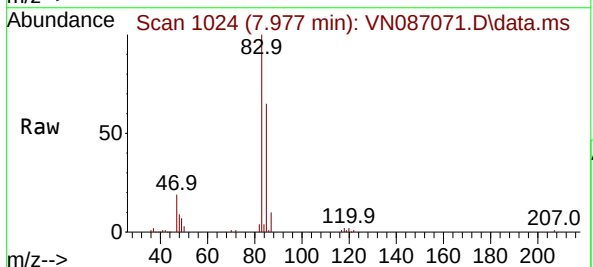
Acq: 17 Jun 2025 19:22

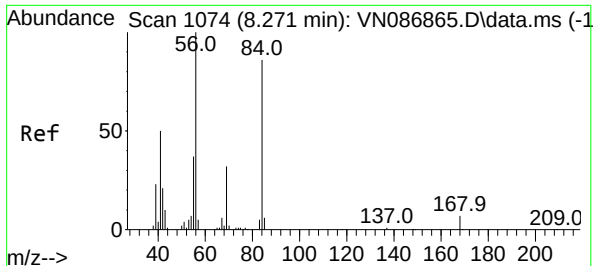
Tgt Ion: 83 Resp: 178539

Ion Ratio Lower Upper

83 100

85 64.7 52.9 79.3

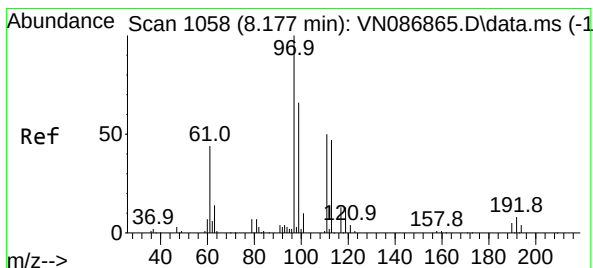
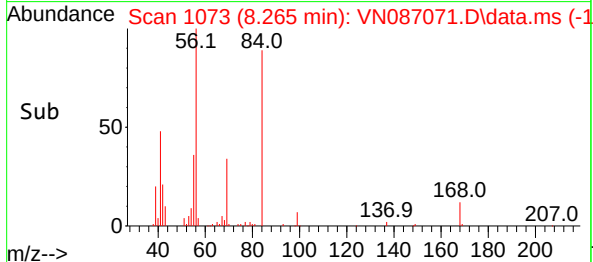
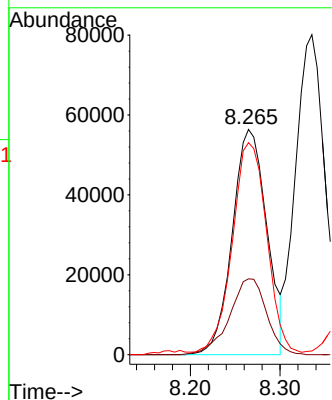
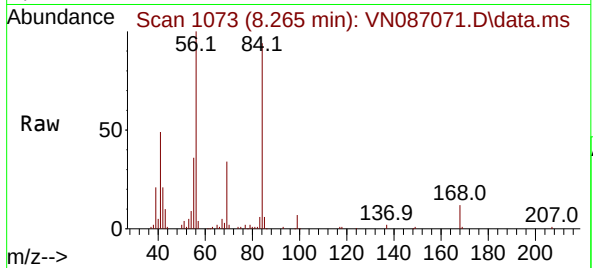




#31
Cyclohexane
Concen: 44.610 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

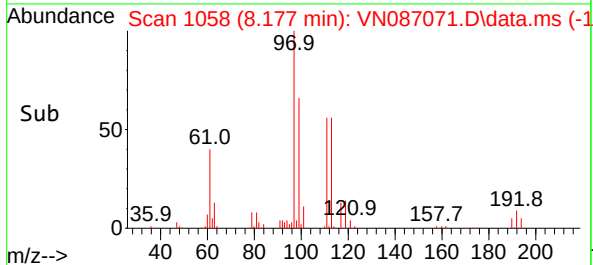
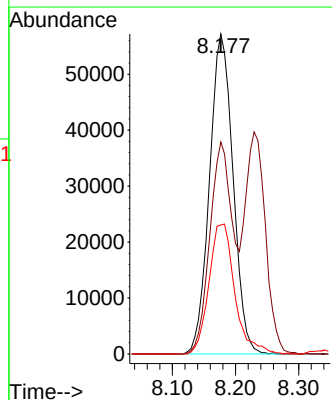
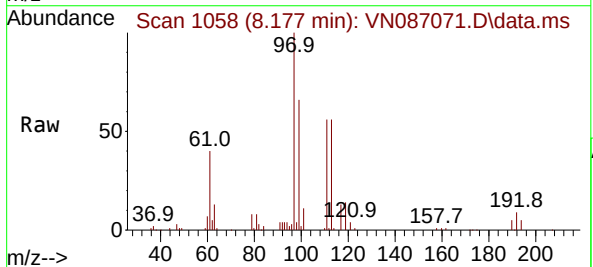
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

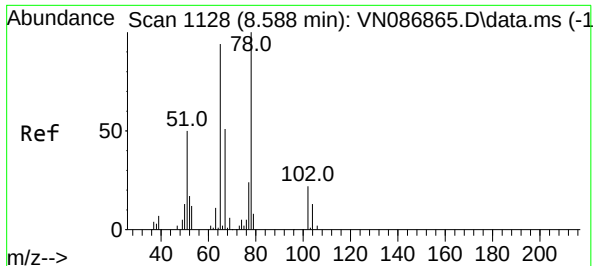
Tgt Ion: 56 Resp: 150648
Ion Ratio Lower Upper
56 100
69 33.7 25.4 38.0
84 92.2 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 50.029 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 97 Resp: 147971
Ion Ratio Lower Upper
97 100
99 65.7 52.0 78.0
61 44.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 42.575 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

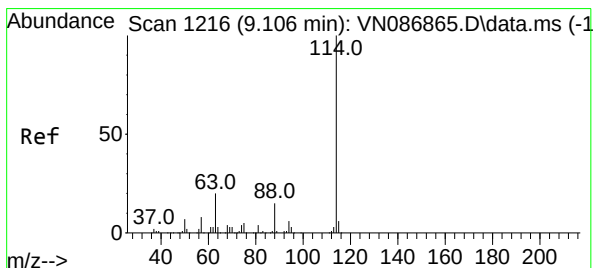
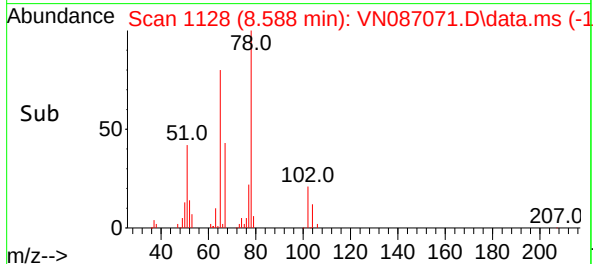
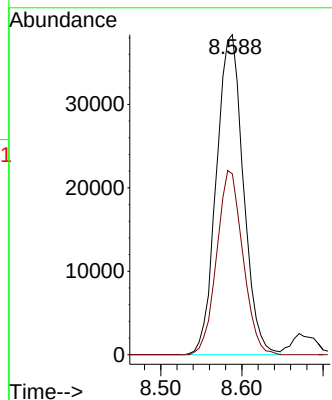
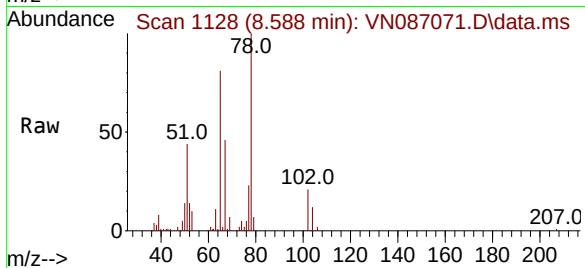
TT191D1-20250609MSD

Tgt Ion: 65 Resp: 88647

Ion Ratio Lower Upper

65 100

67 55.8 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: VN087071.D

Acq: 17 Jun 2025 19:22

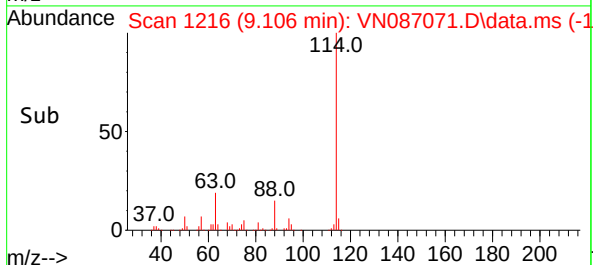
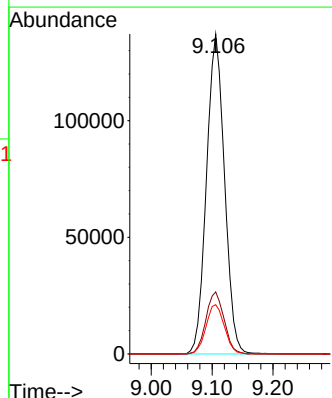
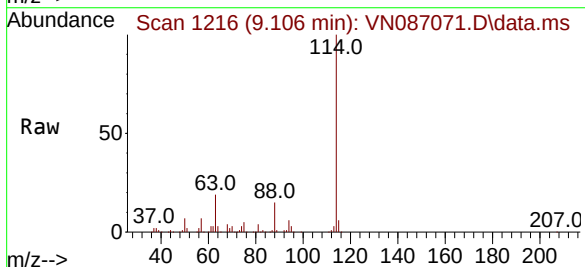
Tgt Ion: 114 Resp: 281890

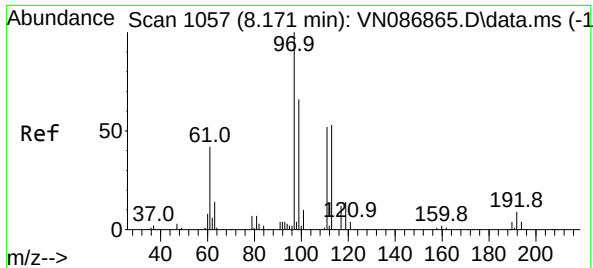
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.4 0.0 30.2

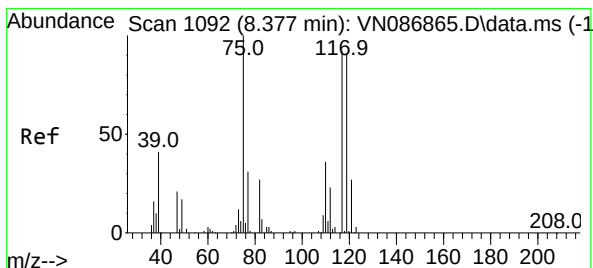
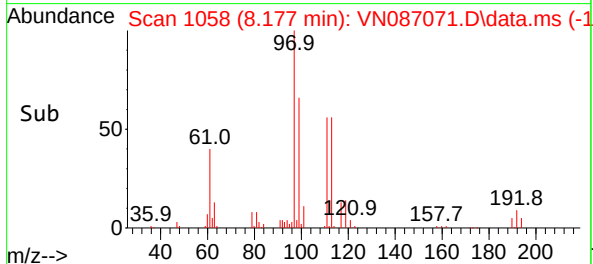
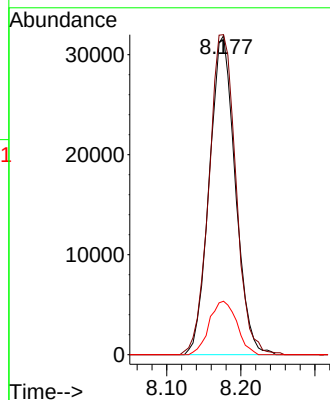
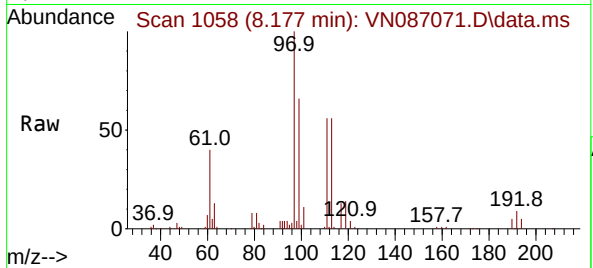




#35
Dibromofluoromethane
Concen: 46.459 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

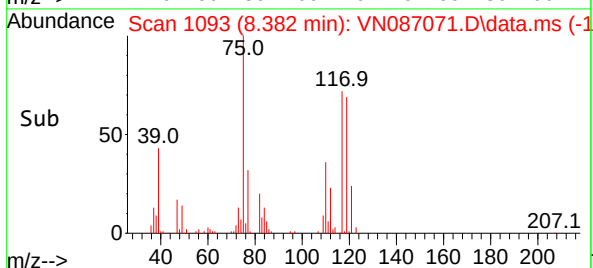
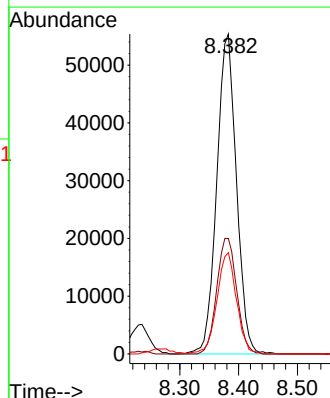
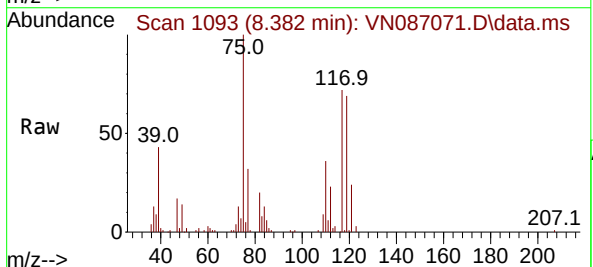
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

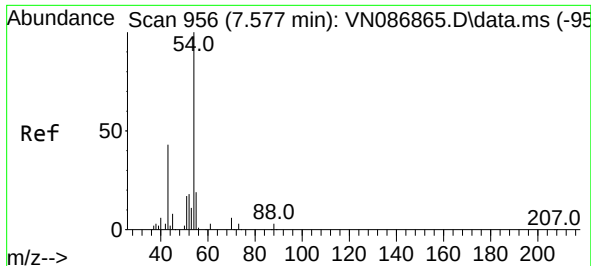
Tgt Ion:113 Resp: 77612
Ion Ratio Lower Upper
113 100
111 104.0 84.2 126.2
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 51.725 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 75 Resp: 128759
Ion Ratio Lower Upper
75 100
110 36.7 17.6 52.9
77 31.5 25.3 37.9

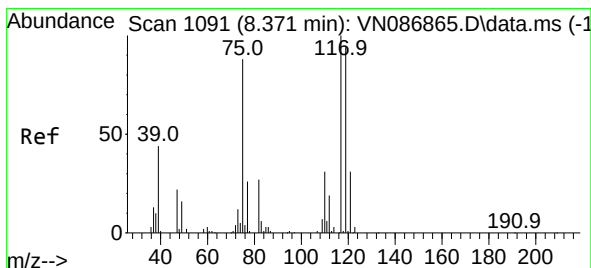
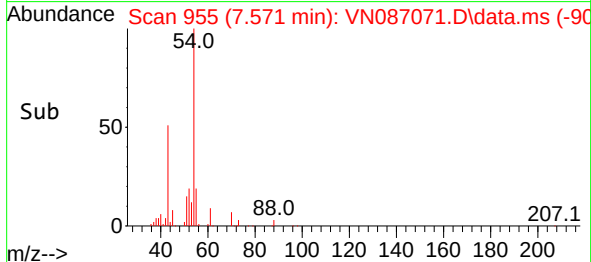
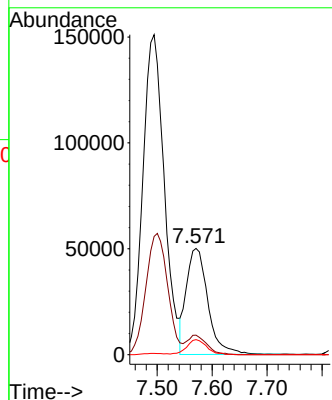
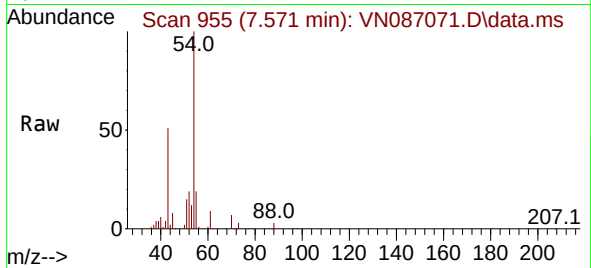




#37
Ethyl Acetate
Concen: 42.797 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

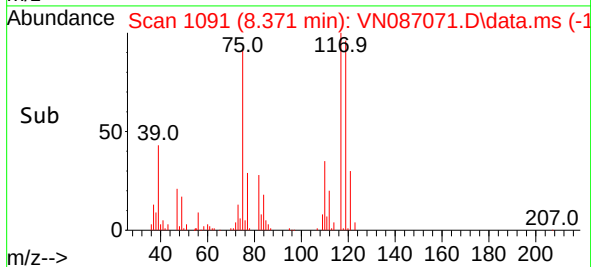
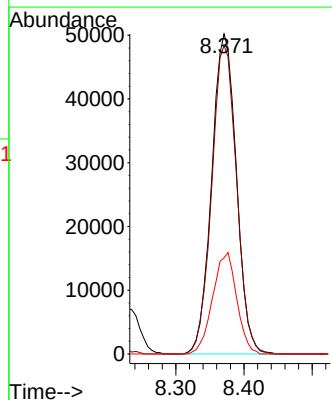
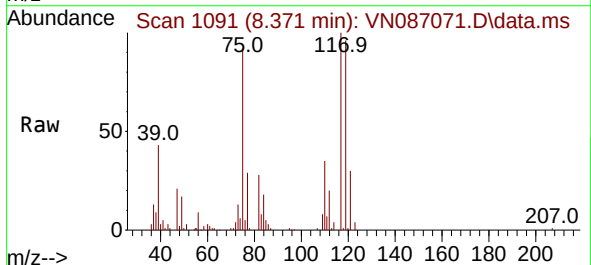
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

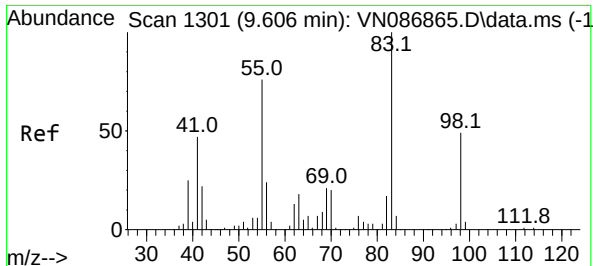
Tgt Ion: 43 Resp: 135617
Ion Ratio Lower Upper
43 100
61 16.5 12.1 18.1
70 13.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 51.769 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 117 Resp: 126518
Ion Ratio Lower Upper
117 100
119 96.3 75.0 112.6
121 30.1 24.9 37.3





#39

Methylcyclohexane

Concen: 41.444 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD

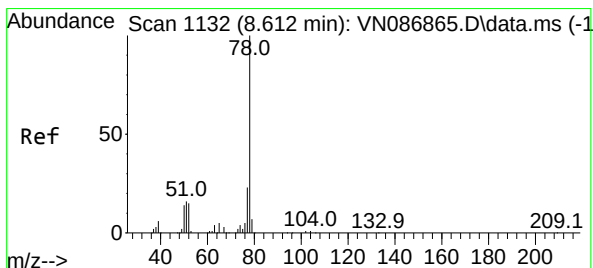
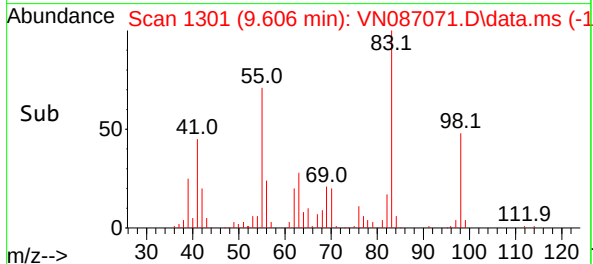
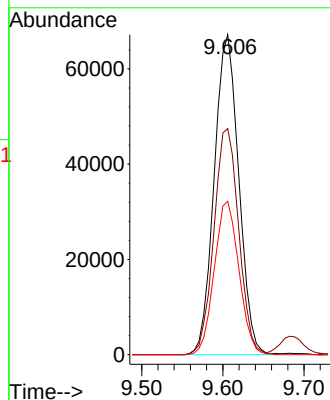
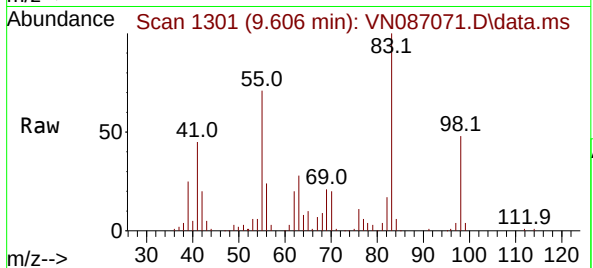
Tgt Ion: 83 Resp: 141342

Ion Ratio Lower Upper

83 100

55 70.7 61.0 91.6

98 47.9 38.9 58.3



#40

Benzene

Concen: 51.715 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087071.D

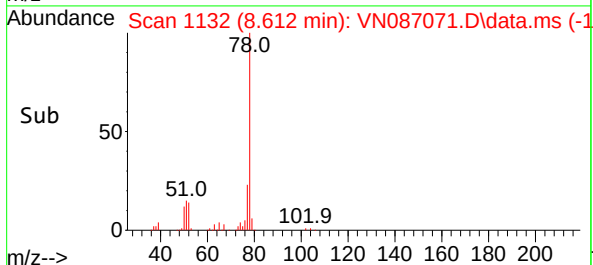
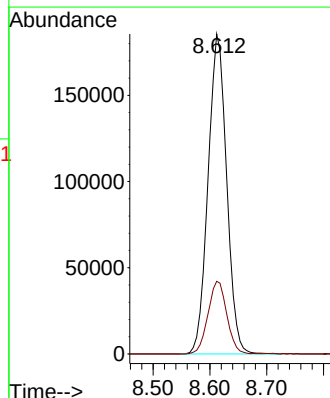
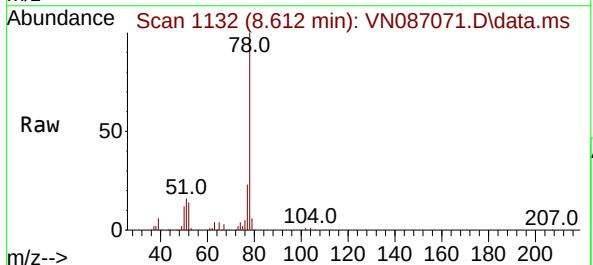
Acq: 17 Jun 2025 19:22

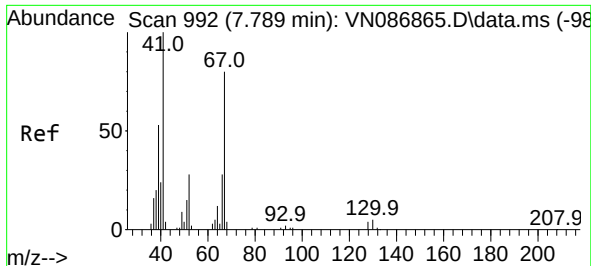
Tgt Ion: 78 Resp: 420958

Ion Ratio Lower Upper

78 100

77 22.7 18.7 28.1

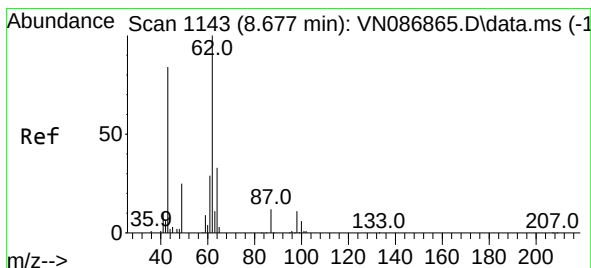
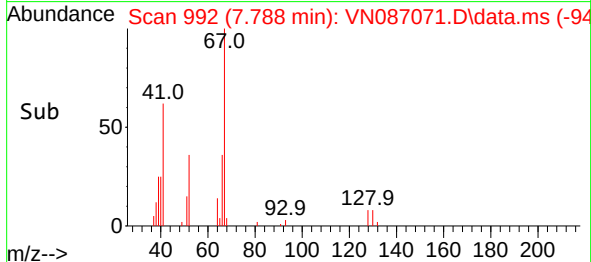
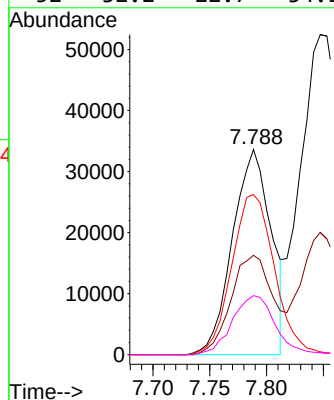
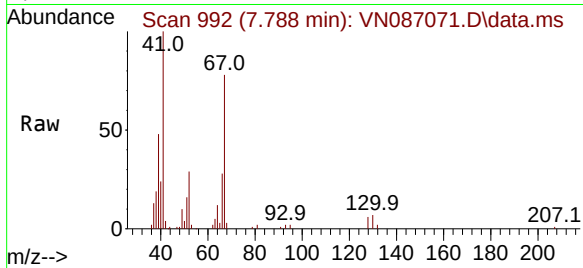




#41
Methacrylonitrile
Concen: 44.672 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

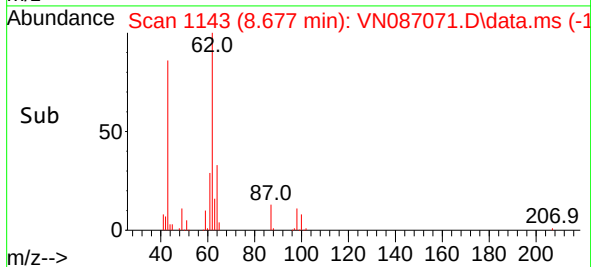
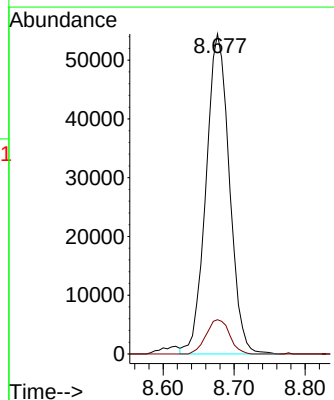
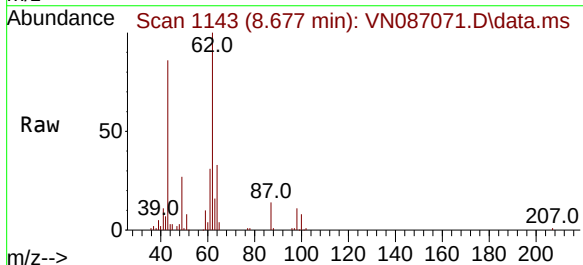
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

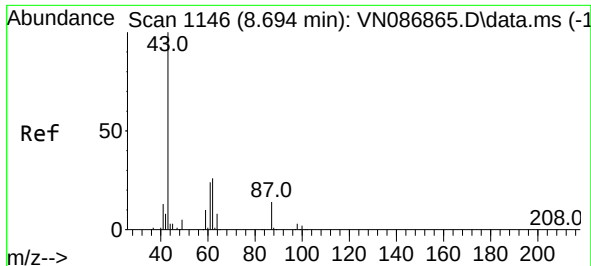
Tgt Ion:	41	Resp:	79500
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.2	61.8
67	86.9	61.4	92.2
52	32.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 50.453 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:	62	Resp:	124565
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2

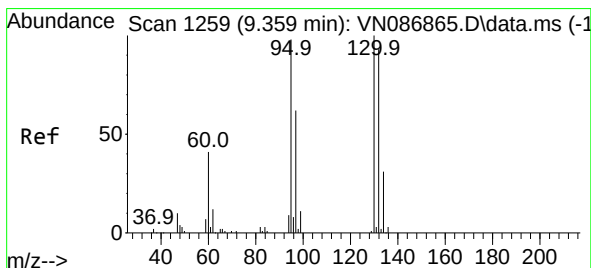
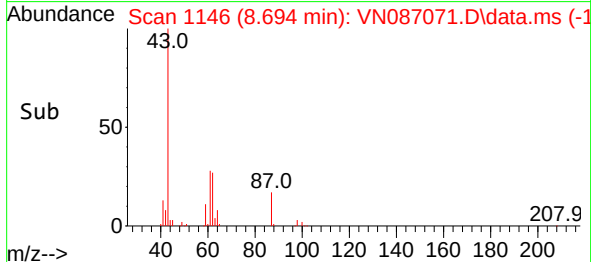
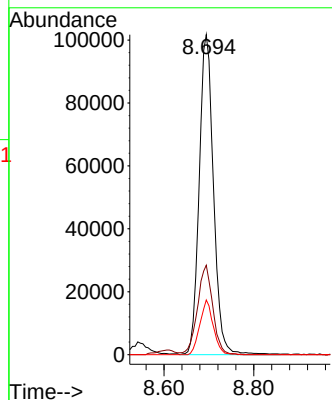
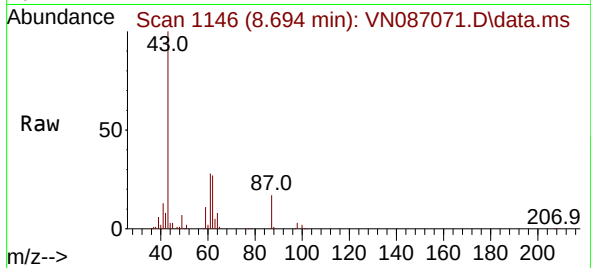




#43
Isopropyl Acetate
Concen: 44.214 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

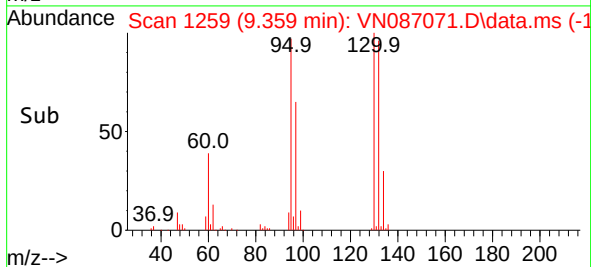
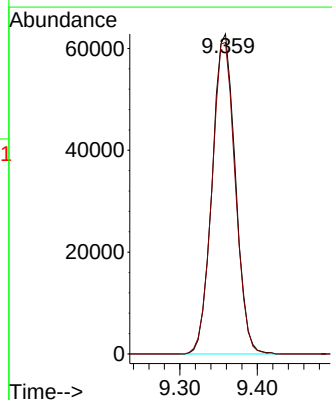
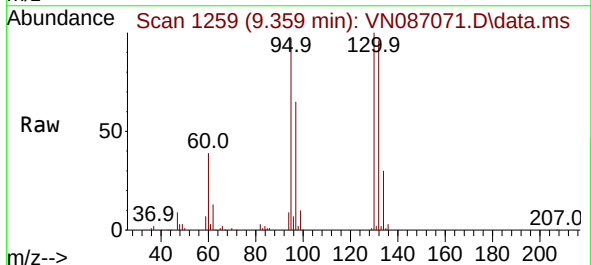
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

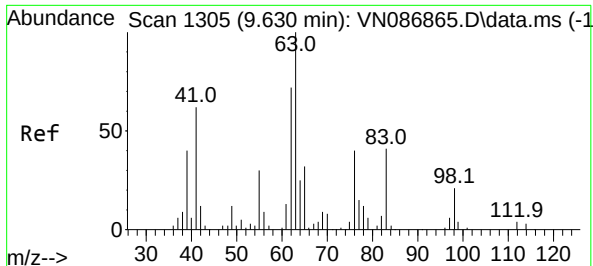
Tgt Ion: 43 Resp: 224875
Ion Ratio Lower Upper
43 100
61 29.9 22.1 33.1
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 67.624 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:130 Resp: 130524
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 50.943 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

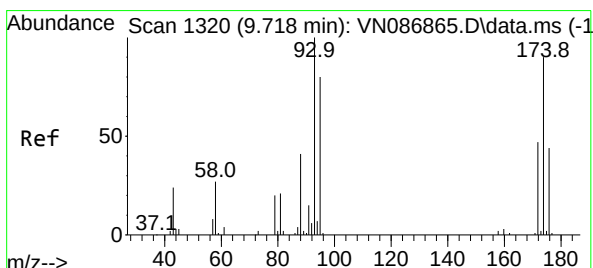
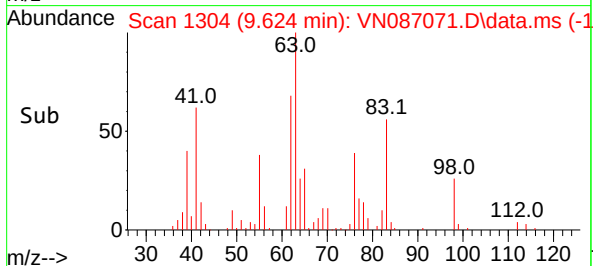
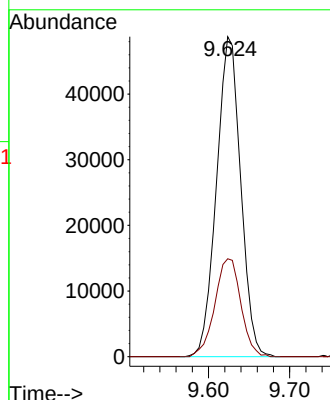
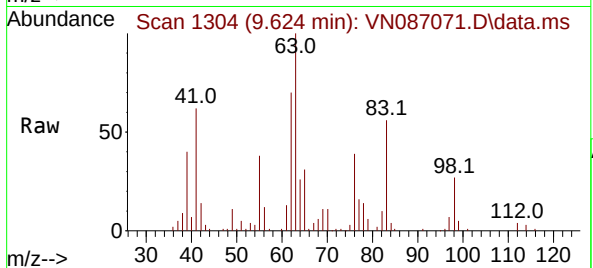
TT191D1-20250609MSD

Tgt Ion: 63 Resp: 100885

Ion Ratio Lower Upper

63 100

65 30.6 25.5 38.3



#46

Dibromomethane

Concen: 52.936 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

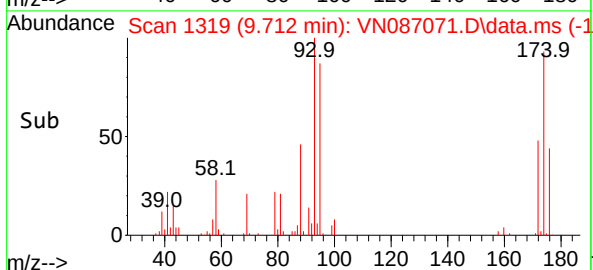
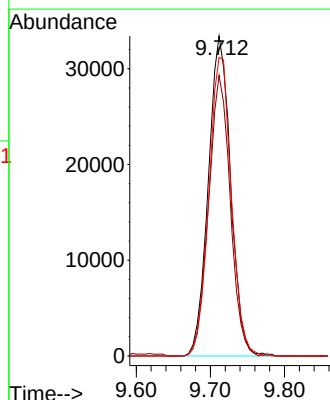
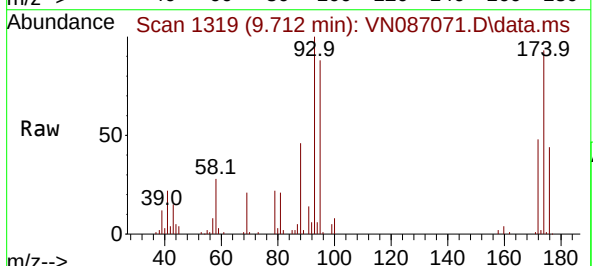
Tgt Ion: 93 Resp: 69631

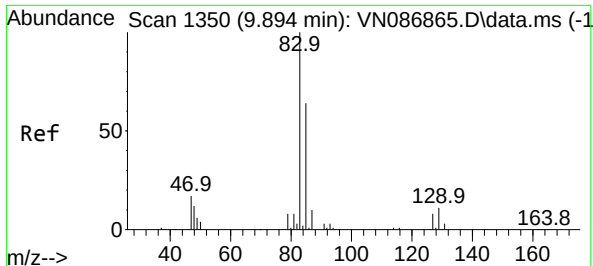
Ion Ratio Lower Upper

93 100

95 85.5 67.1 100.7

174 94.1 74.2 111.4

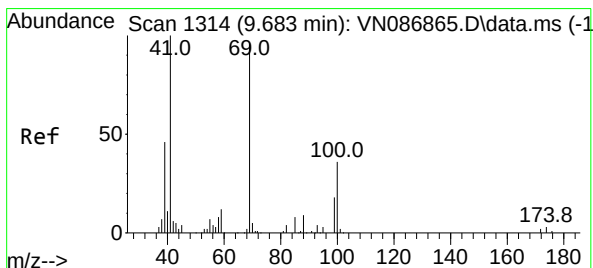
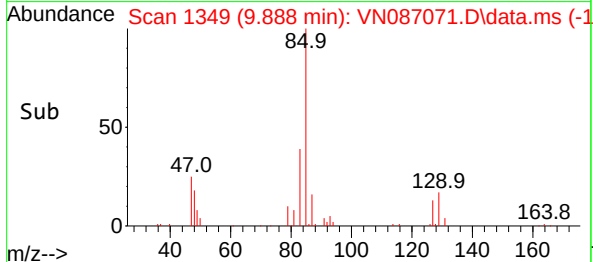
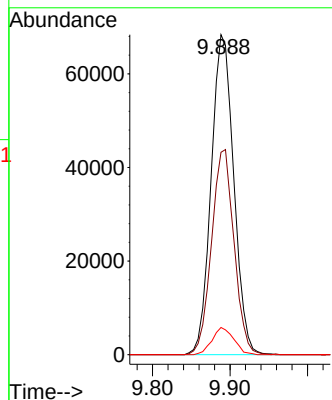
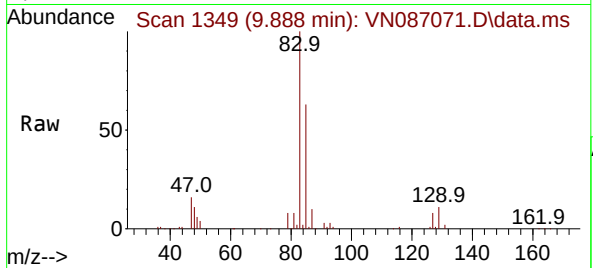




#47
Bromodichloromethane
Concen: 51.169 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

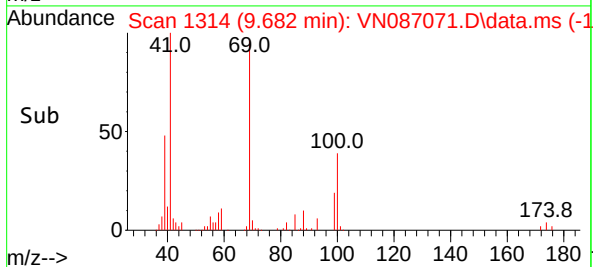
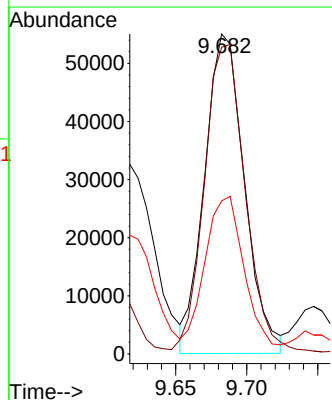
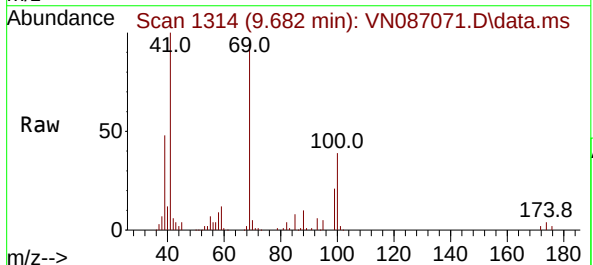
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

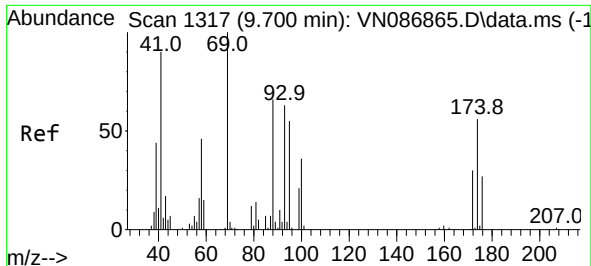
Tgt Ion: 83 Resp: 138481
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 45.859 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 41 Resp: 107353
Ion Ratio Lower Upper
41 100
69 99.1 74.6 112.0
39 49.2 40.2 60.4





#49

1,4-Dioxane

Concen: 1037.957 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087071.D

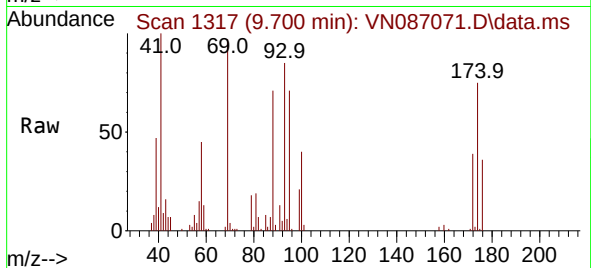
Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD



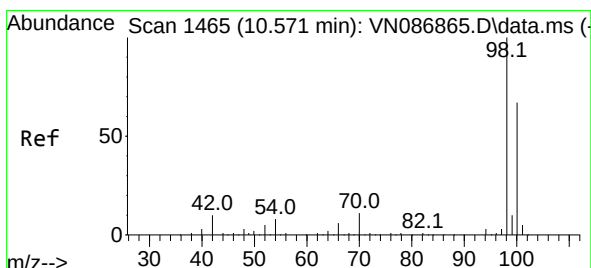
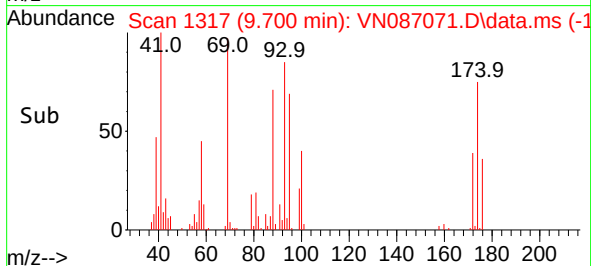
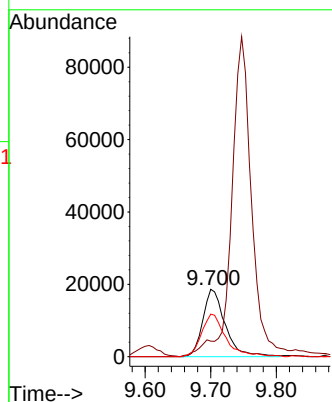
Tgt Ion: 88 Resp: 44203

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 68.5 57.7 86.5



#50

Toluene-d8

Concen: 43.352 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087071.D

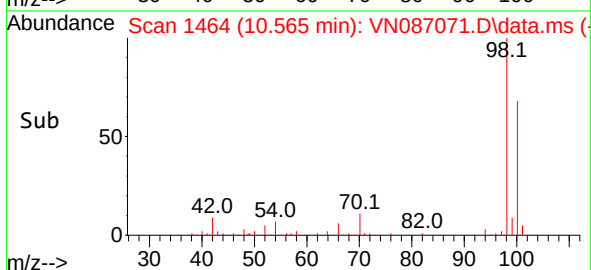
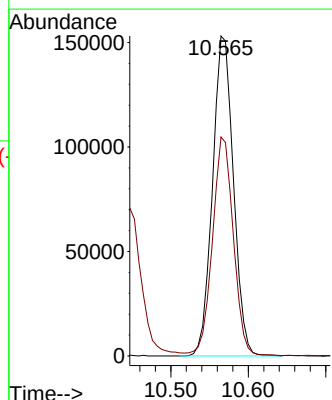
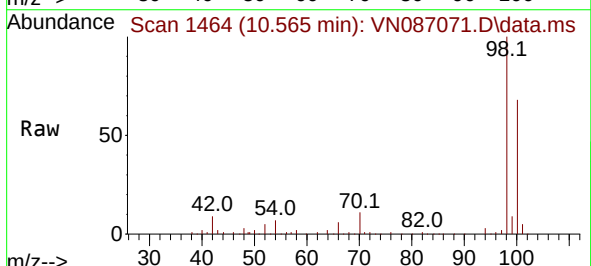
Acq: 17 Jun 2025 19:22

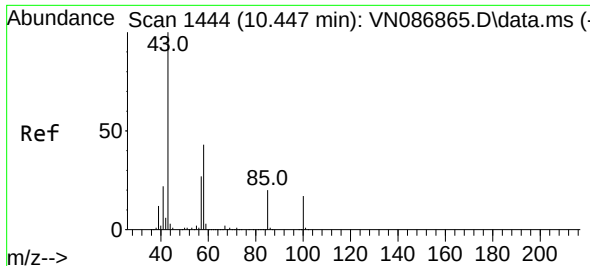
Tgt Ion: 98 Resp: 286700

Ion Ratio Lower Upper

98 100

100 68.5 53.4 80.0

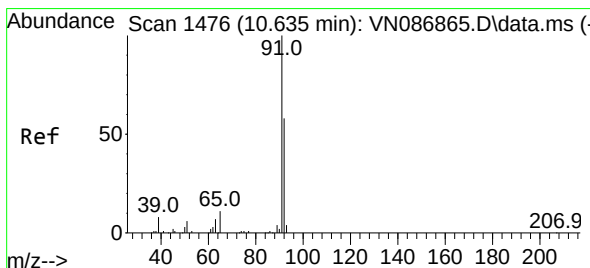
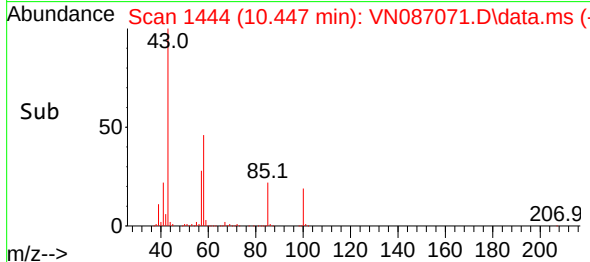
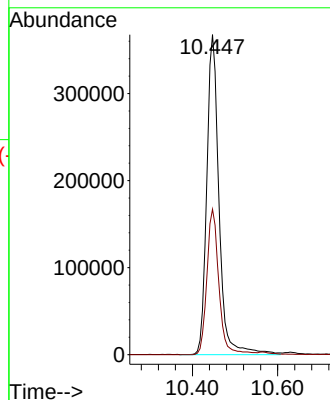
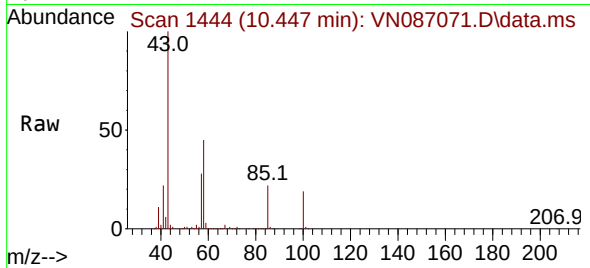




#51
4-Methyl-2-Pentanone
Concen: 239.680 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

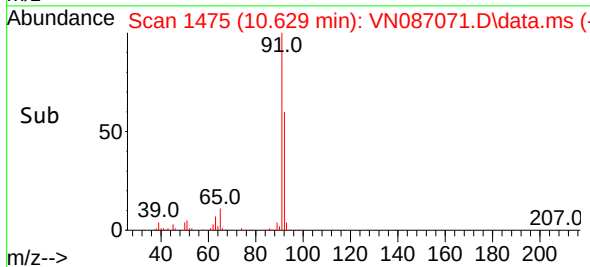
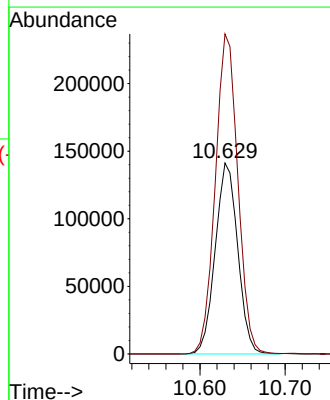
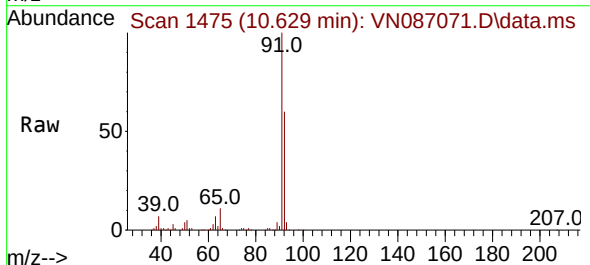
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

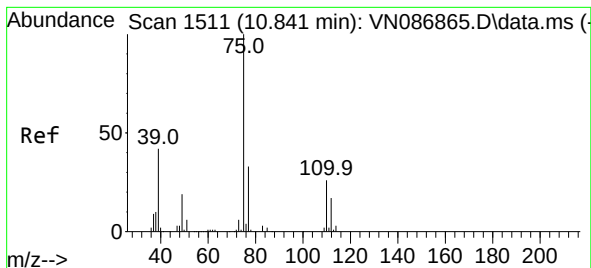
Tgt Ion: 43 Resp: 733862
Ion Ratio Lower Upper
43 100
58 44.5 34.2 51.4



#52
Toluene
Concen: 52.093 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 92 Resp: 259142
Ion Ratio Lower Upper
92 100
91 168.1 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 50.542 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

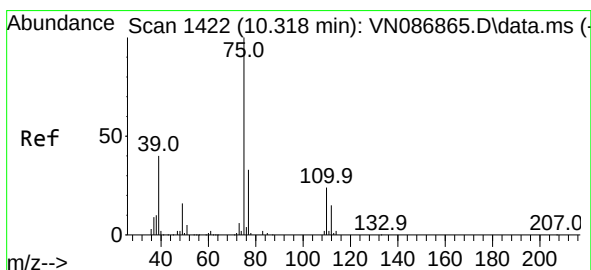
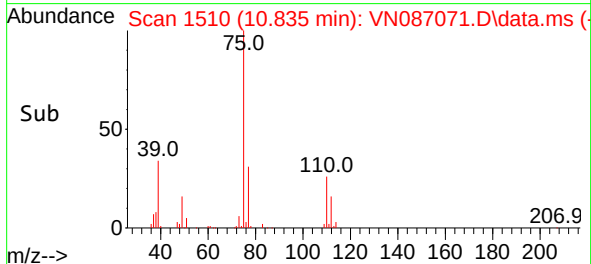
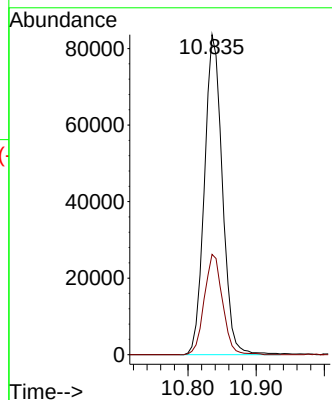
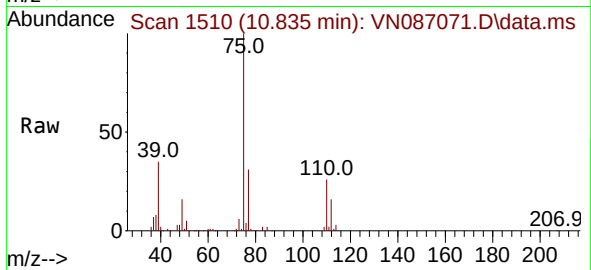
TT191D1-20250609MSD

Tgt Ion: 75 Resp: 152953

Ion Ratio Lower Upper

75 100

77 31.4 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 50.031 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

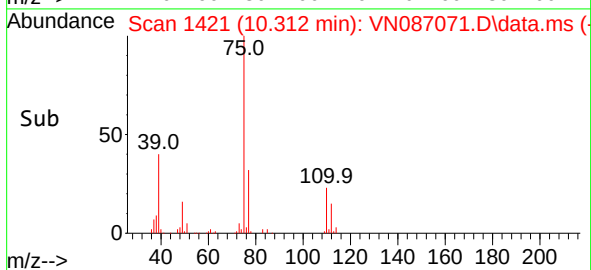
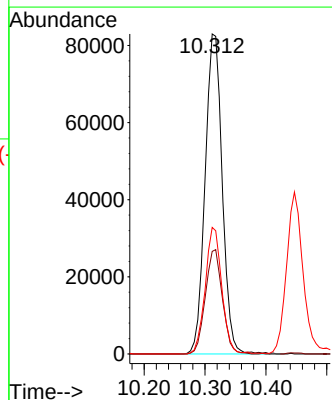
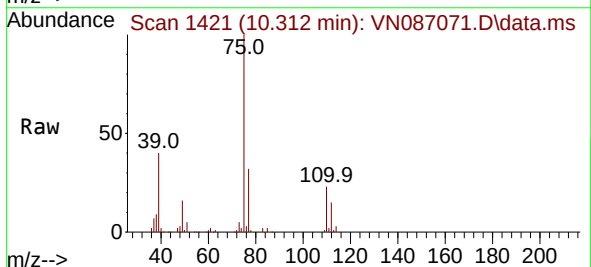
Tgt Ion: 75 Resp: 162000

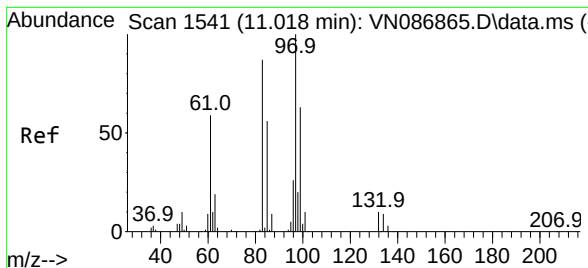
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4

39 39.6 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 51.952 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD

Tgt Ion: 97 Resp: 99442

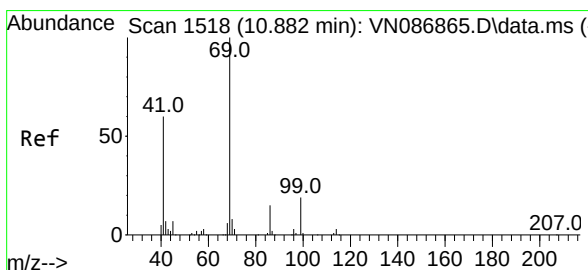
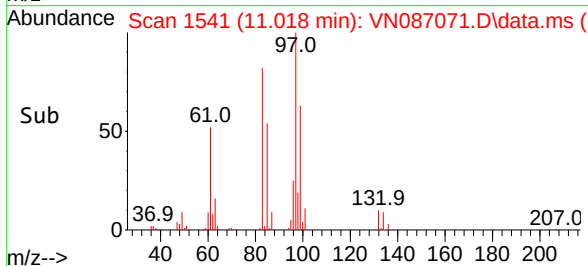
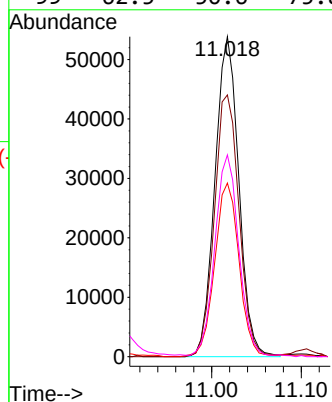
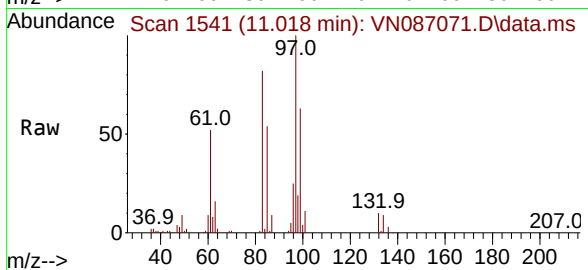
Ion Ratio Lower Upper

97 100

83 81.8 69.7 104.5

85 54.3 45.1 67.7

99 62.5 50.6 75.8



#56

Ethyl methacrylate

Concen: 53.277 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

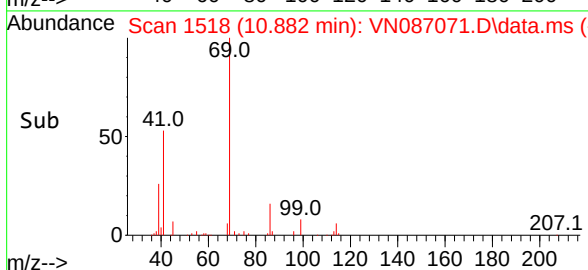
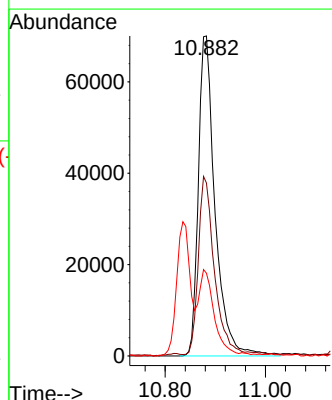
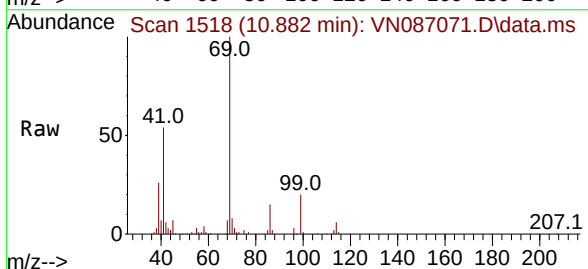
Tgt Ion: 69 Resp: 162430

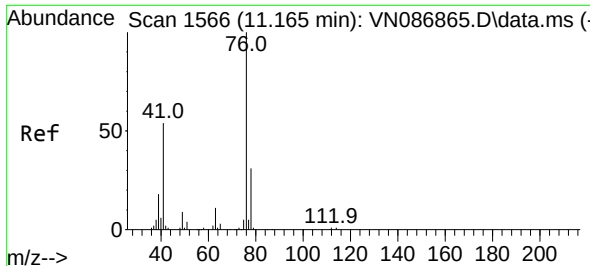
Ion Ratio Lower Upper

69 100

41 53.8 47.2 70.8

39 23.7 23.0 34.6

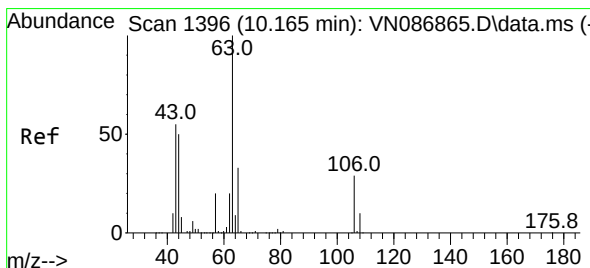
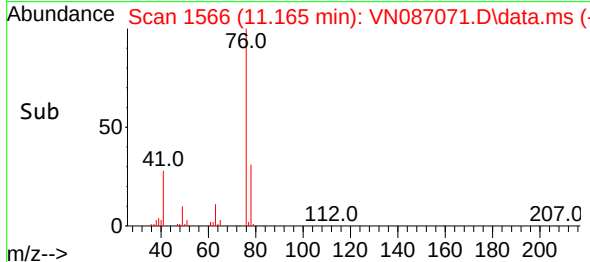
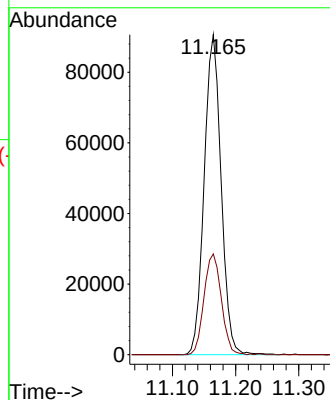
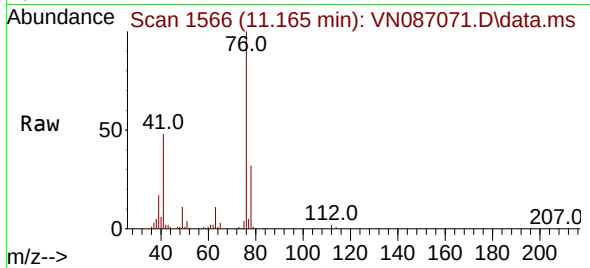




#57
1,3-Dichloropropane
Concen: 50.794 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

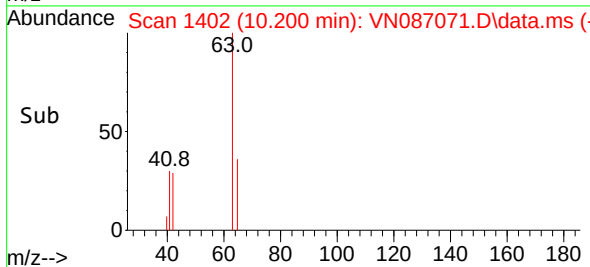
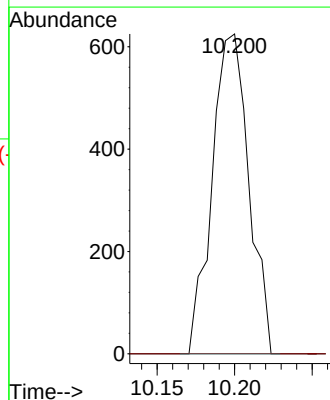
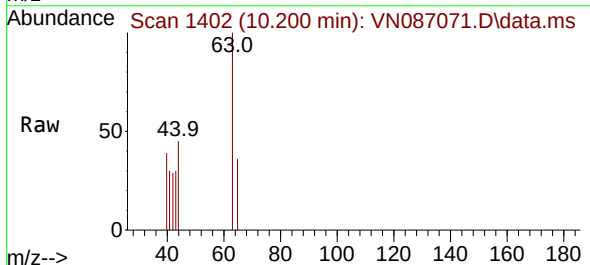
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

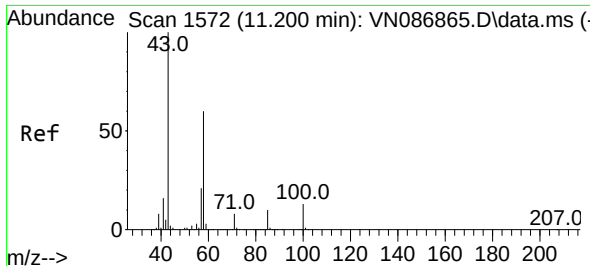
Tgt Ion: 76 Resp: 168661
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 0.568 ug/l
RT: 10.200 min Scan# 1402
Delta R.T. 0.035 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 63 Resp: 1033
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

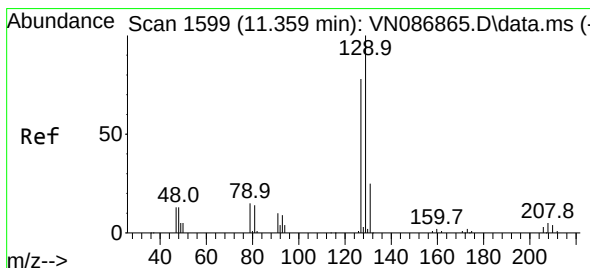
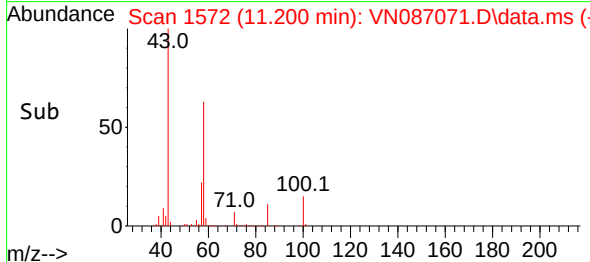
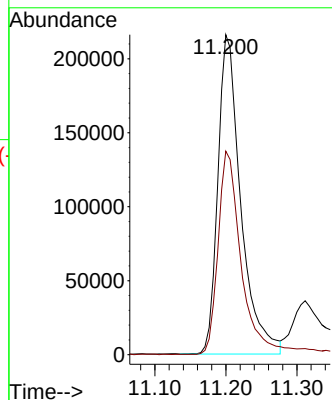
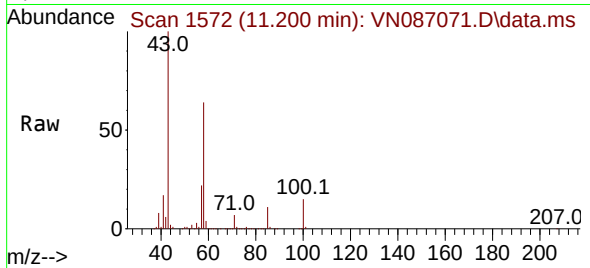




#59
2-Hexanone
Concen: 244.883 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

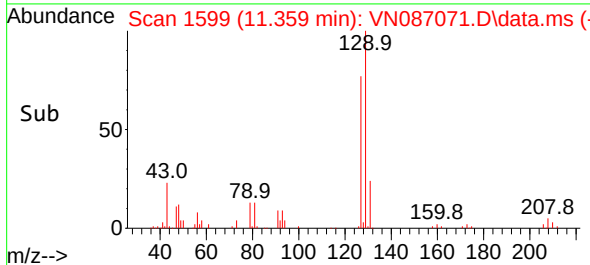
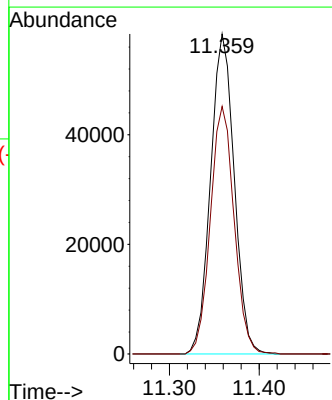
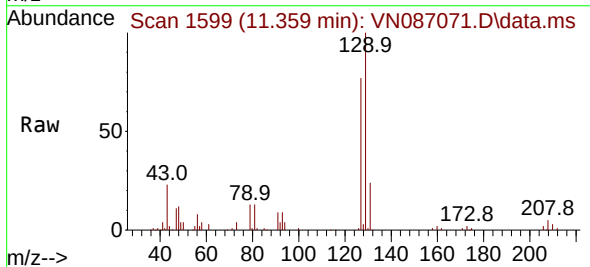
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

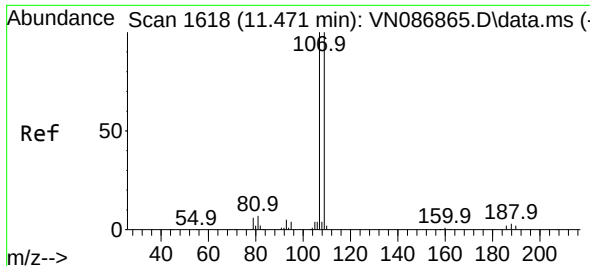
Tgt Ion: 43 Resp: 482966
Ion Ratio Lower Upper
43 100
58 67.0 30.4 91.3



#60
Dibromochloromethane
Concen: 53.642 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:129 Resp: 106978
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

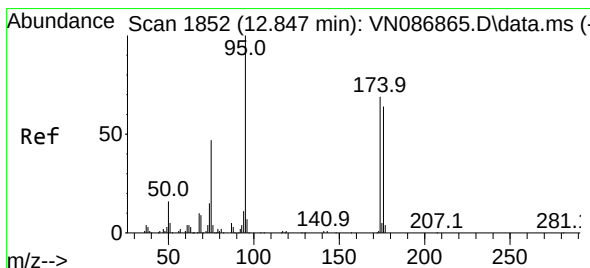
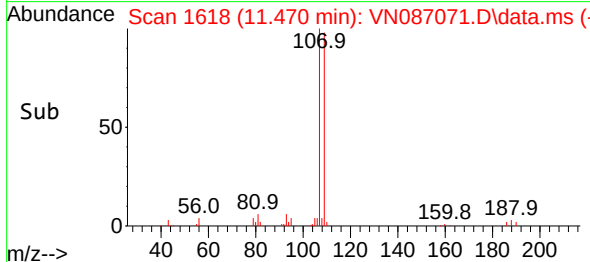
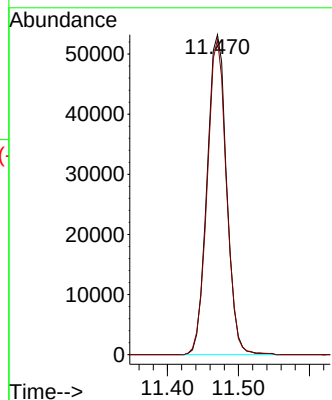
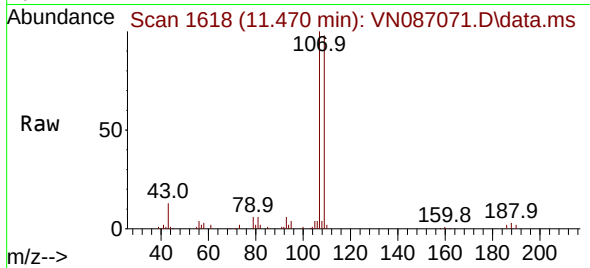




#61
1,2-Dibromoethane
Concen: 51.798 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

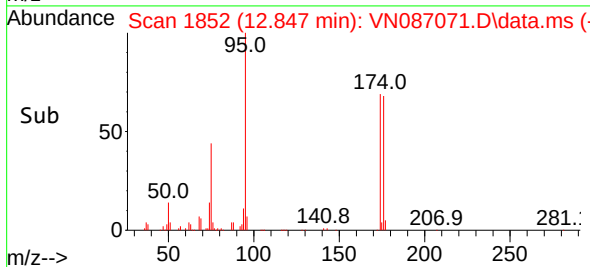
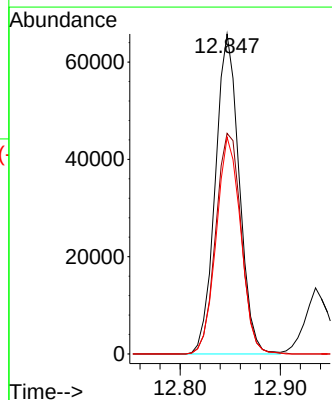
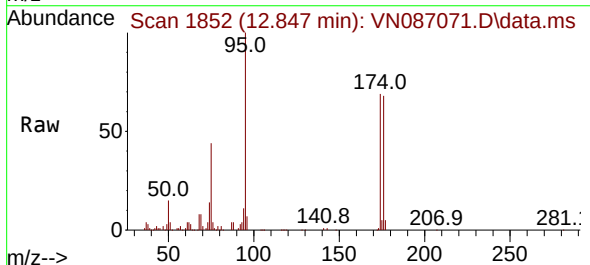
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

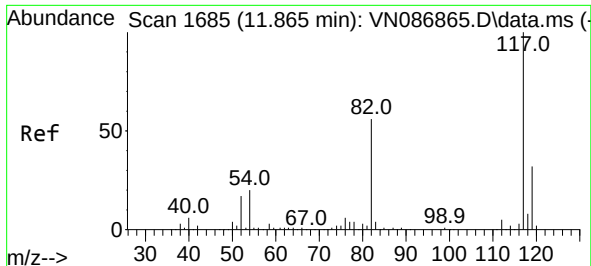
Tgt Ion:107 Resp: 101626
Ion Ratio Lower Upper
107 100
109 97.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 44.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 95 Resp: 109060
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 69.5 0.0 132.6

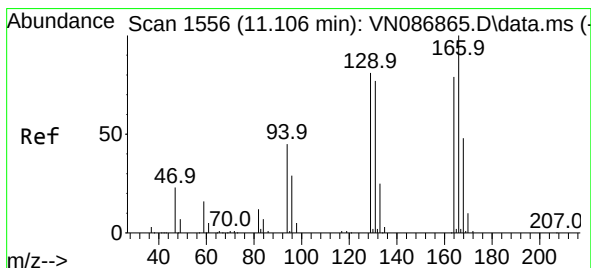
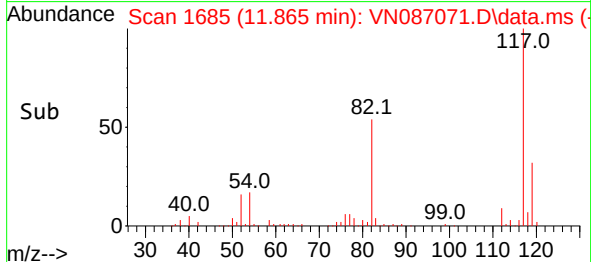
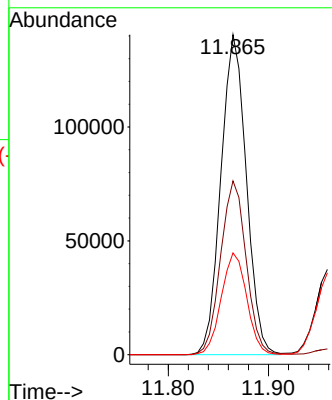
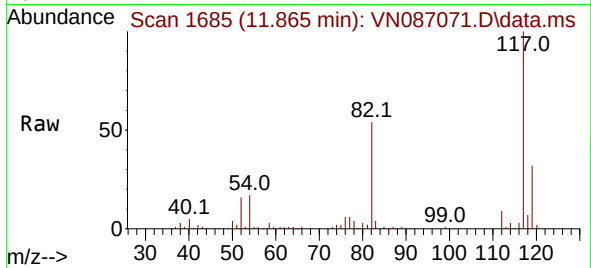




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

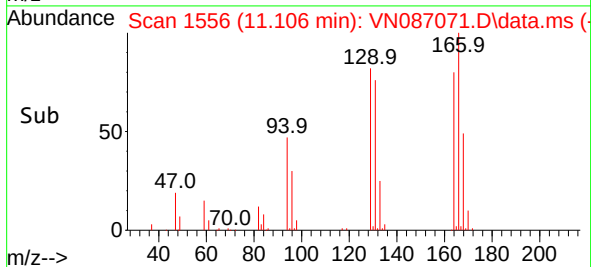
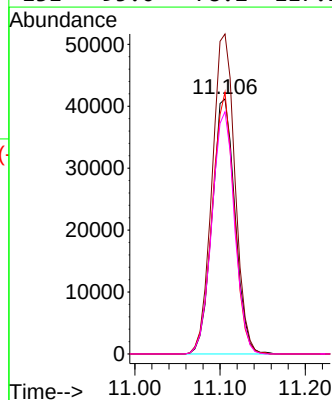
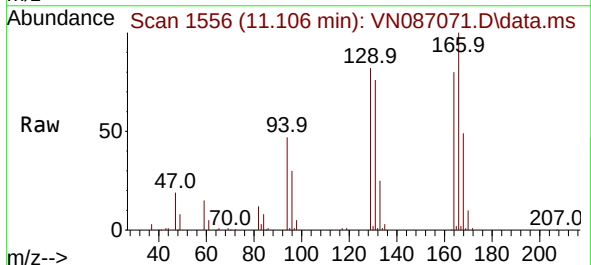
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

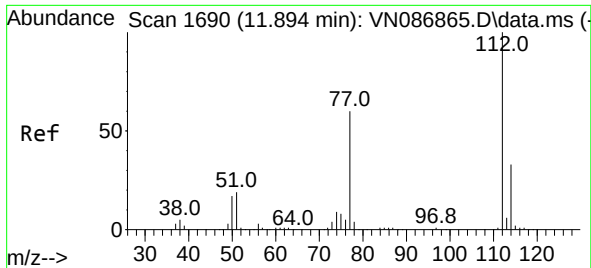
Tgt Ion:117 Resp: 247636
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 48.922 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:164 Resp: 76671
Ion Ratio Lower Upper
164 100
166 125.4 101.8 152.8
129 102.6 83.0 124.4
131 95.0 78.2 117.2

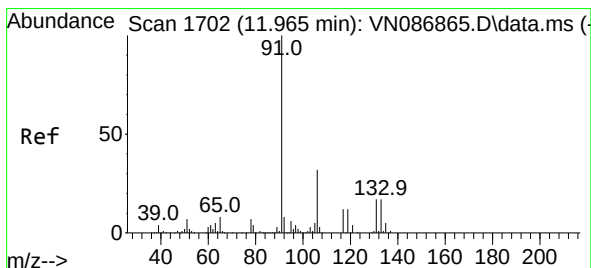
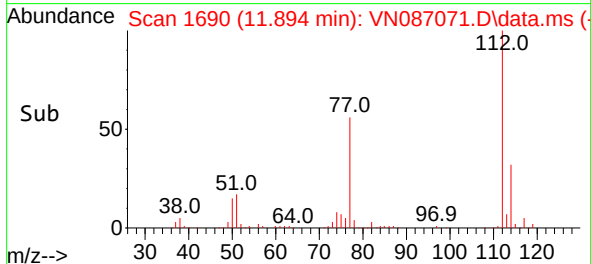
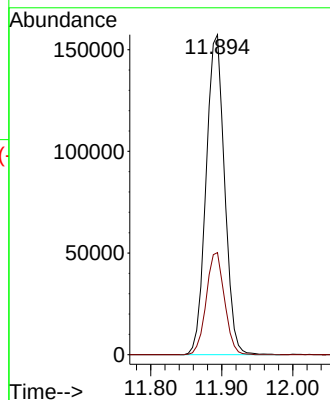
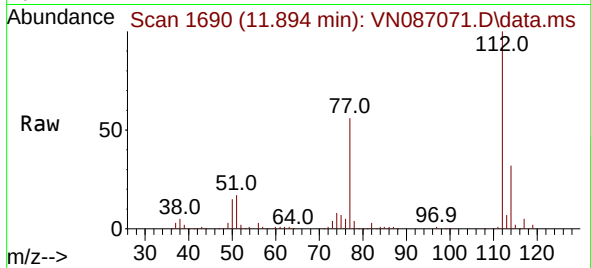




#65
Chlorobenzene
Concen: 52.018 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

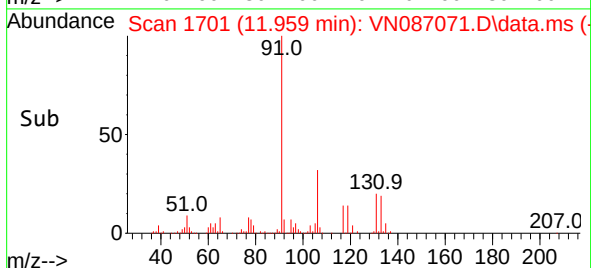
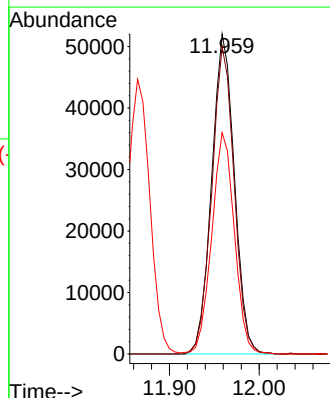
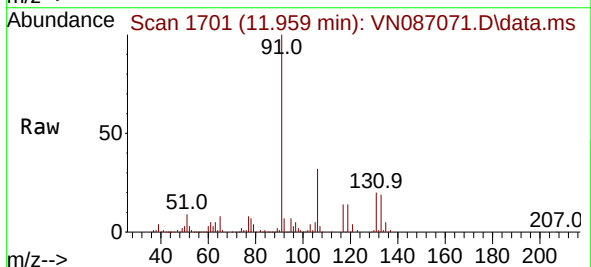
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

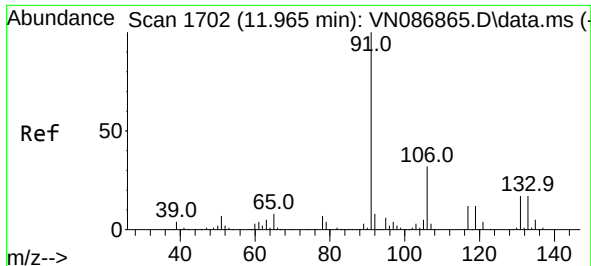
Tgt Ion:112 Resp: 284105
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.031 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:131 Resp: 91349
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 69.0 34.0 101.8





#67

Ethyl Benzene

Concen: 49.782 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

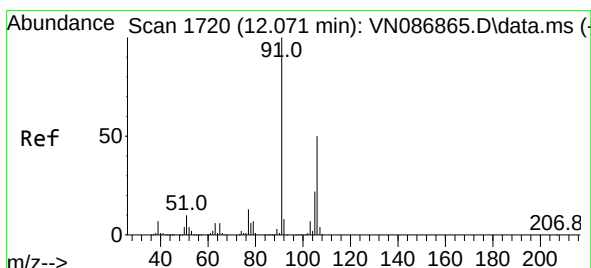
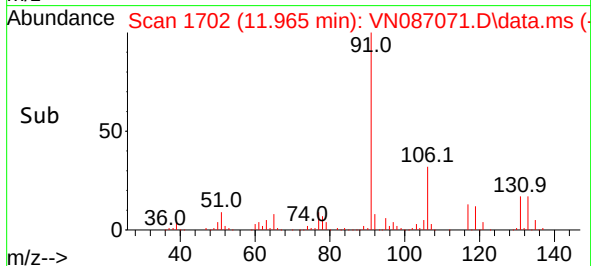
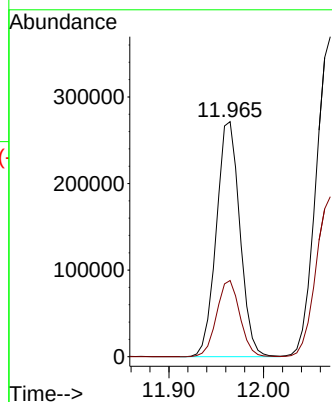
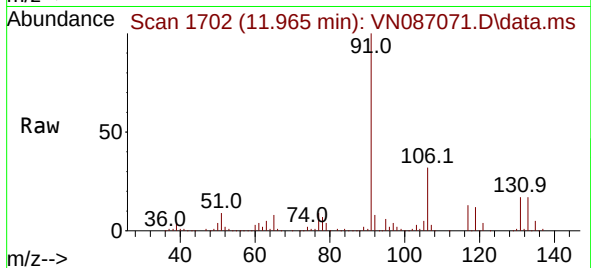
TT191D1-20250609MSD

Tgt Ion: 91 Resp: 468336

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2



#68

m/p-Xylenes

Concen: 103.778 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN087071.D

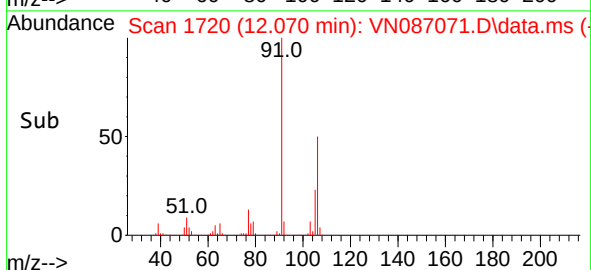
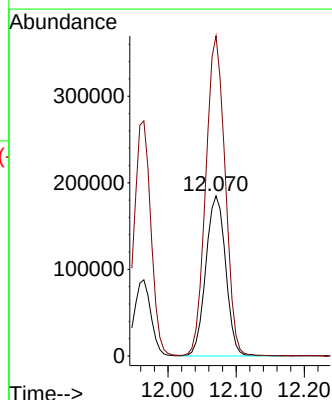
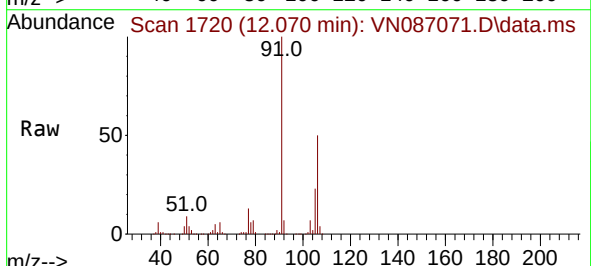
Acq: 17 Jun 2025 19:22

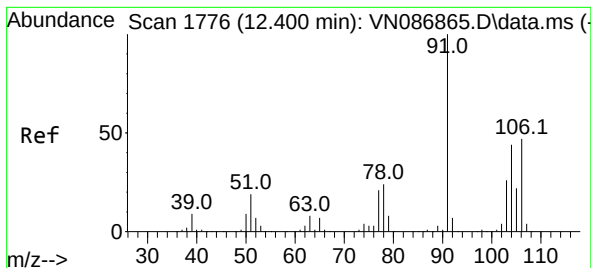
Tgt Ion:106 Resp: 373733

Ion Ratio Lower Upper

106 100

91 195.2 159.4 239.0





#69

o-Xylene

Concen: 52.423 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

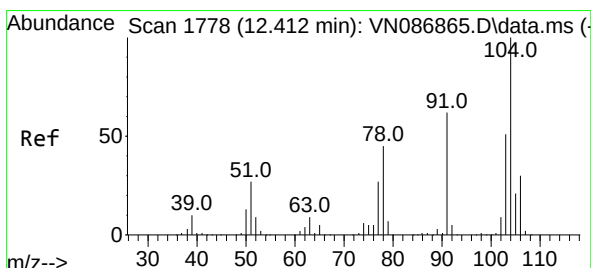
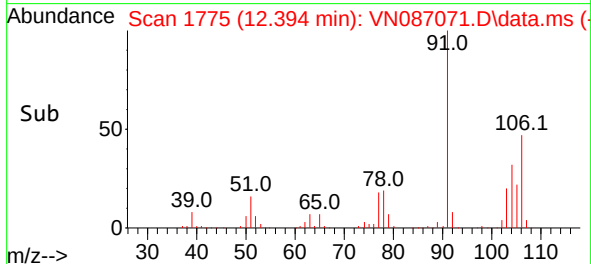
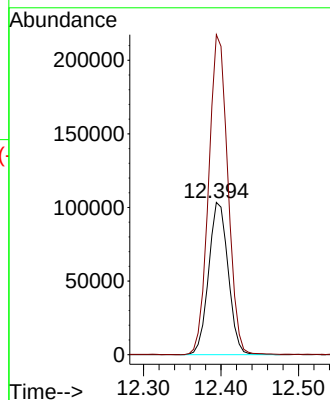
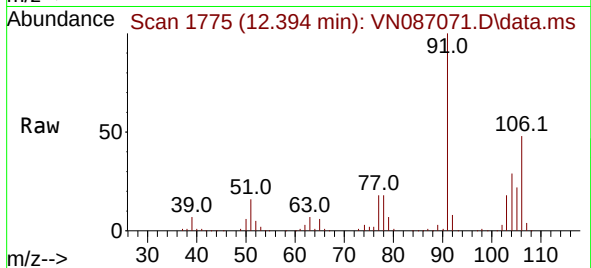
TT191D1-20250609MSD

Tgt Ion:106 Resp: 180810

Ion Ratio Lower Upper

106 100

91 207.1 106.1 318.1



#70

Styrene

Concen: 52.120 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

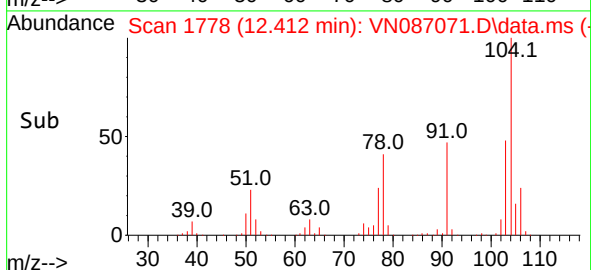
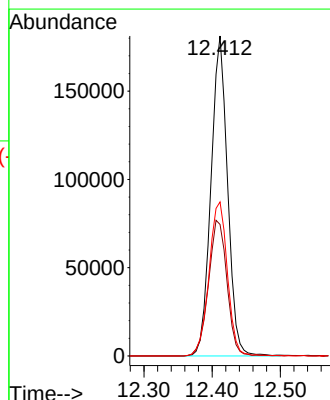
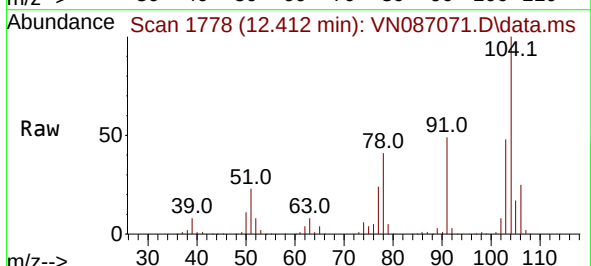
Tgt Ion:104 Resp: 307610

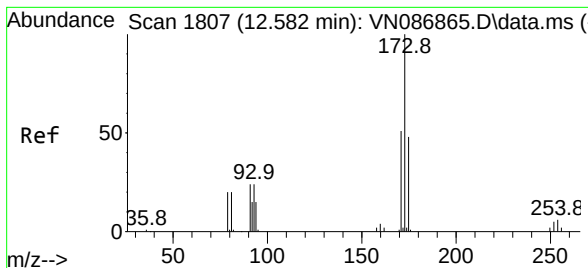
Ion Ratio Lower Upper

104 100

78 47.2 38.5 57.7

103 53.5 43.1 64.7





#71

Bromoform

Concen: 54.576 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD

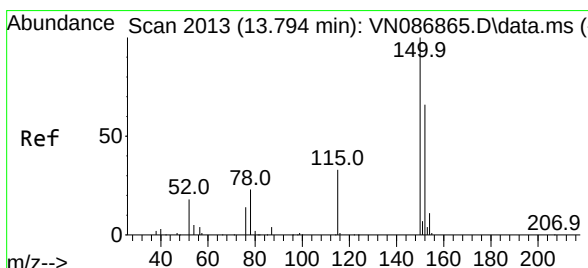
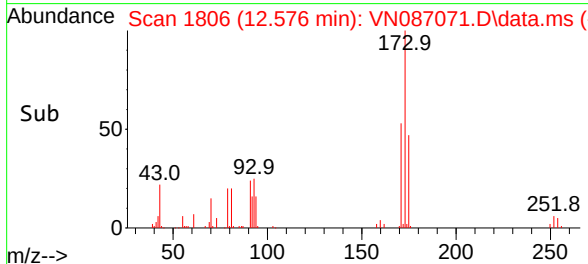
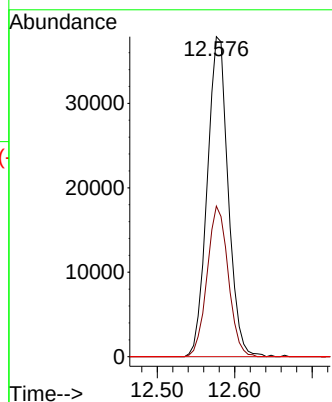
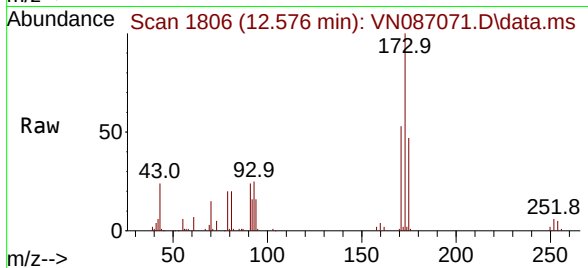
Tgt Ion:173 Resp: 70995

Ion Ratio Lower Upper

173 100

175 47.4 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: VN087071.D

Acq: 17 Jun 2025 19:22

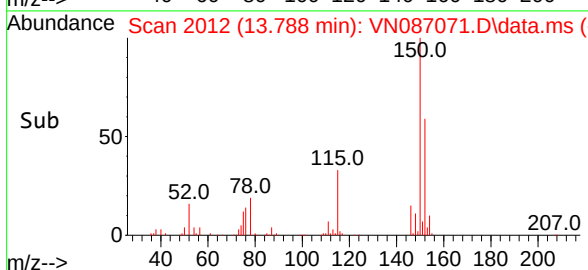
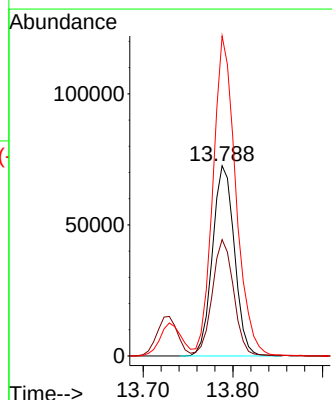
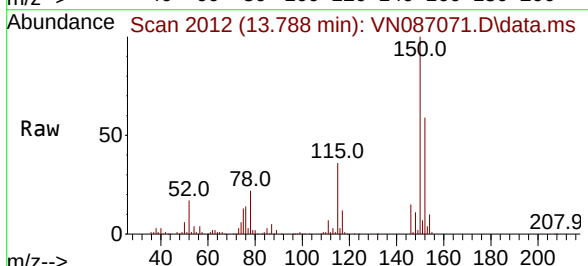
Tgt Ion:152 Resp: 123202

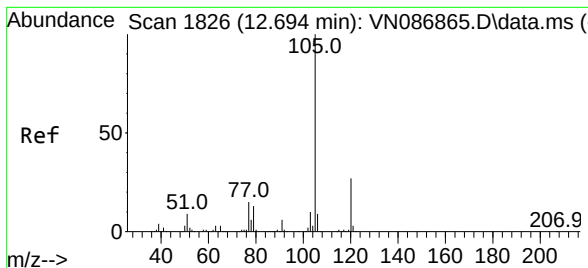
Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 175.7 0.0 345.0





#73

Isopropylbenzene

Concen: 48.488 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

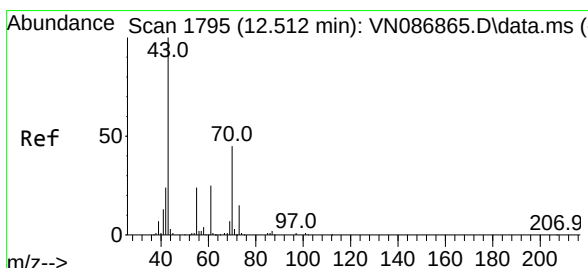
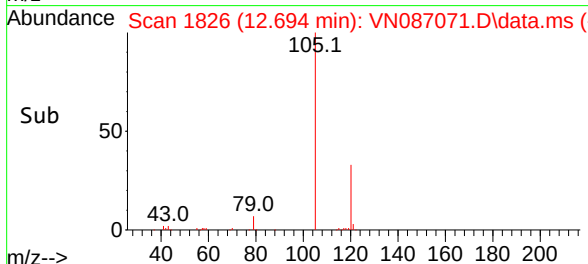
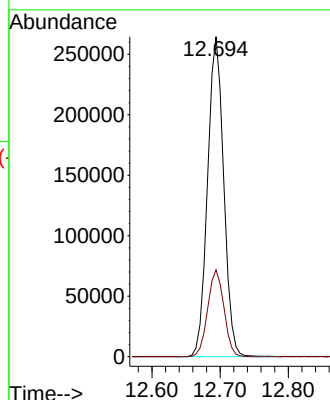
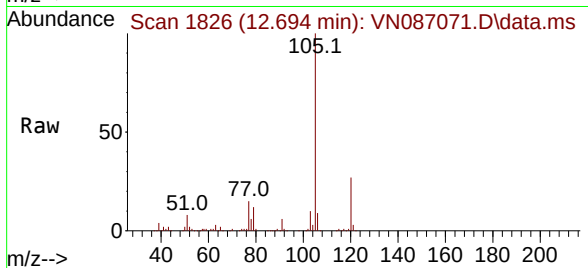
TT191D1-20250609MSD

Tgt Ion:105 Resp: 435200

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 39.654 ug/l

RT: 12.517 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Tgt Ion: 43 Resp: 124369

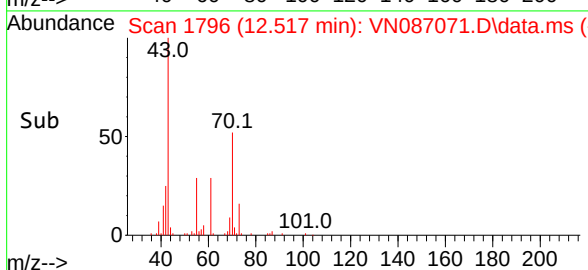
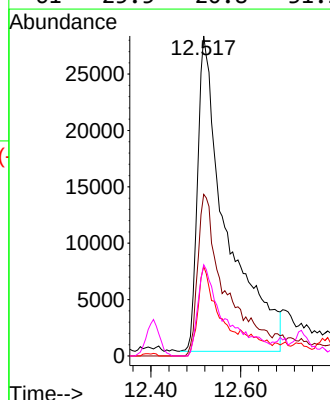
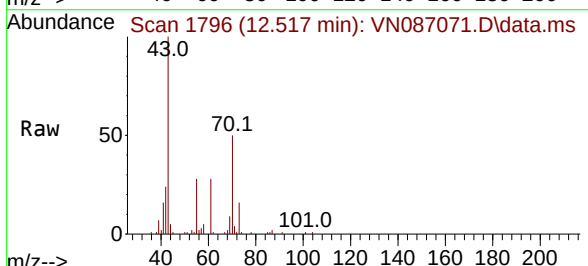
Ion Ratio Lower Upper

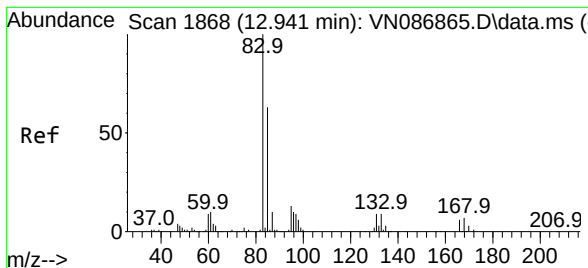
43 100

70 50.1 37.6 56.4

55 20.3 19.0 28.6

61 25.5 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.495 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD

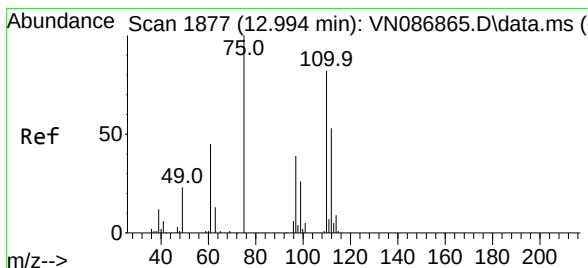
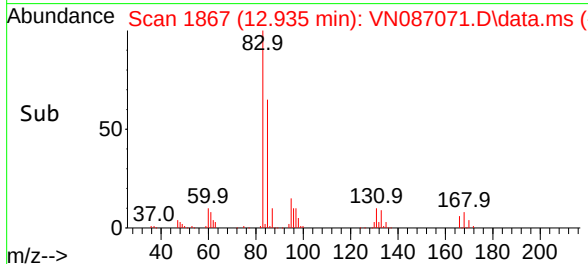
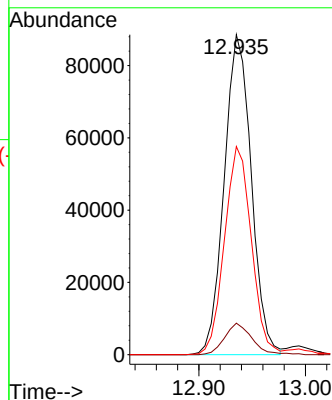
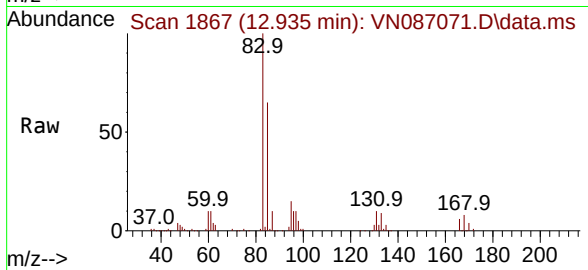
Tgt Ion: 83 Resp: 156580

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 69.735 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN087071.D

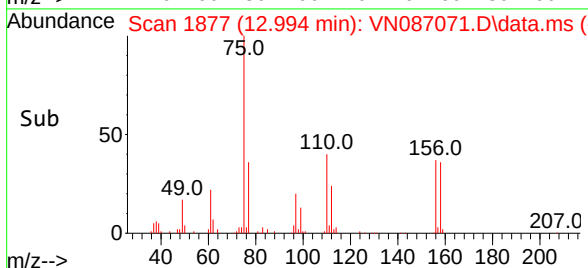
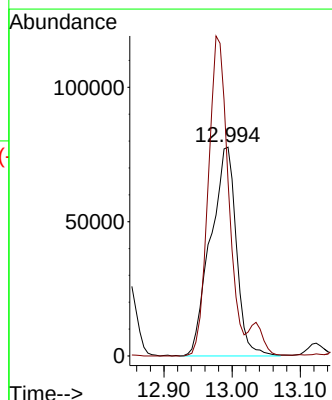
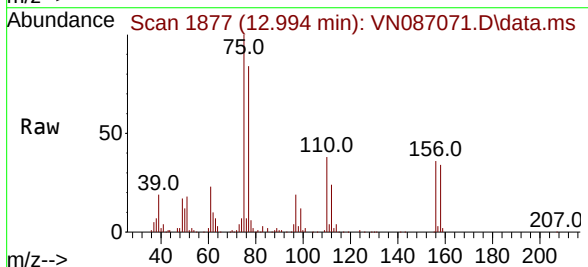
Acq: 17 Jun 2025 19:22

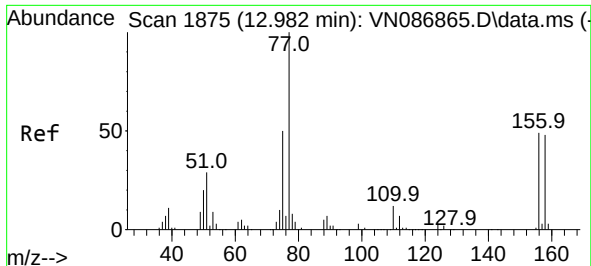
Tgt Ion: 75 Resp: 204223

Ion Ratio Lower Upper

75 100

77 119.1 79.3 237.9

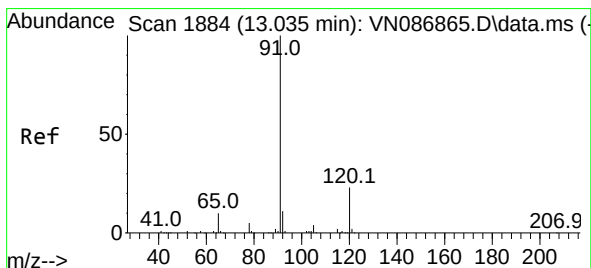
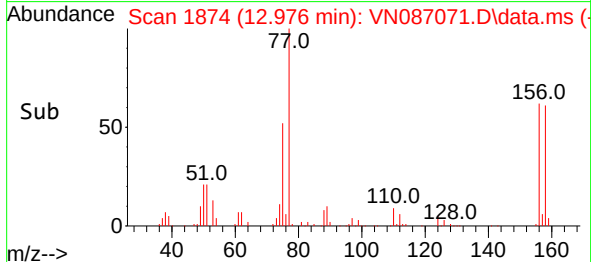
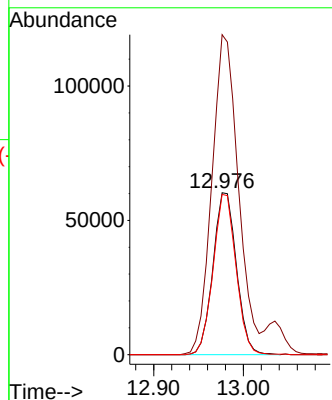
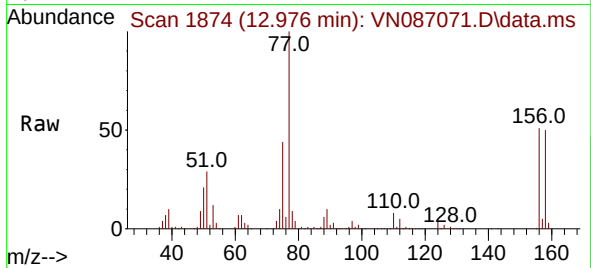




#77
Bromobenzene
Concen: 53.234 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

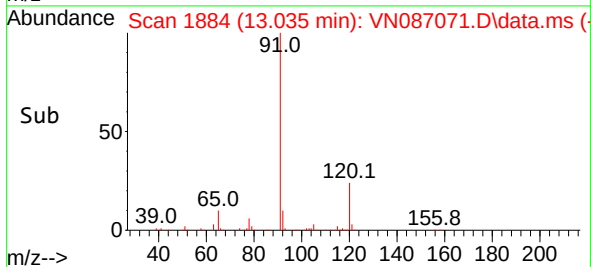
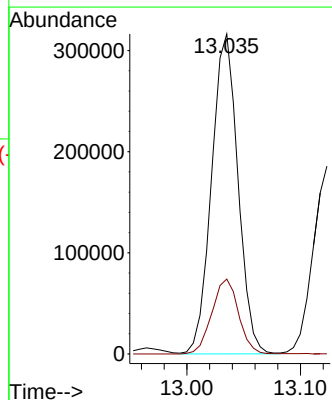
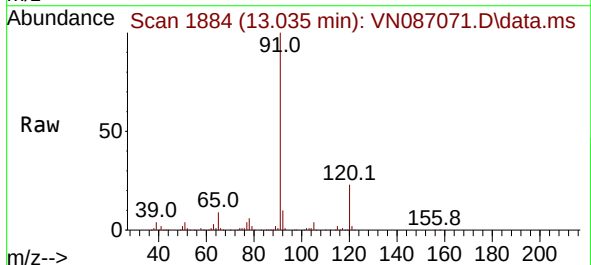
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

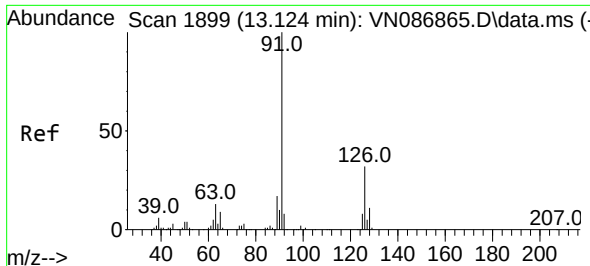
Tgt Ion:156 Resp: 109574
Ion Ratio Lower Upper
156 100
77 221.9 117.7 353.1
158 96.9 48.1 144.4



#78
n-propylbenzene
Concen: 46.820 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 91 Resp: 510687
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2

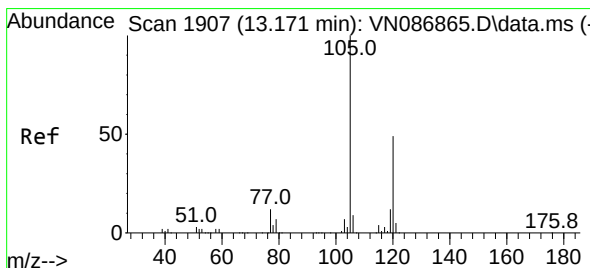
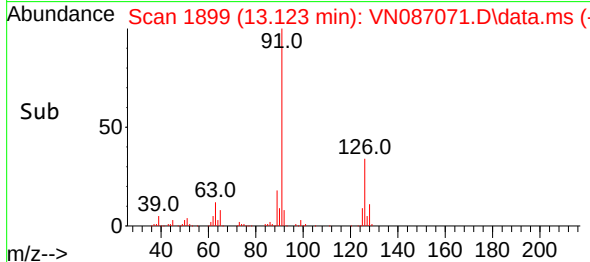
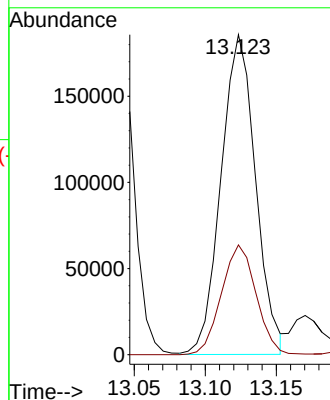
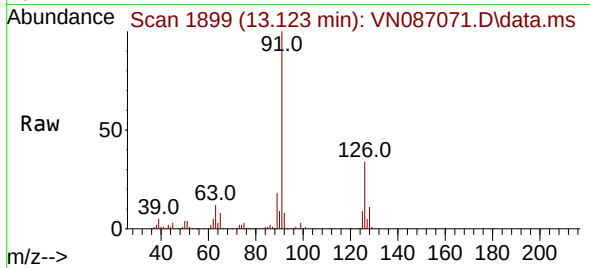




#79
2-Chlorotoluene
Concen: 47.974 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

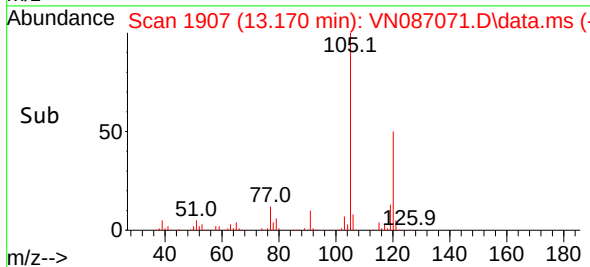
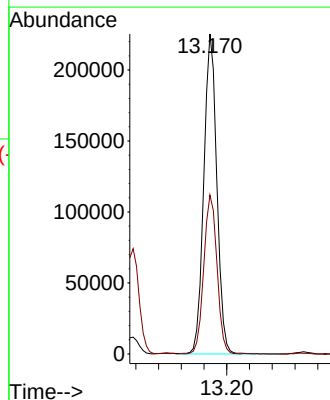
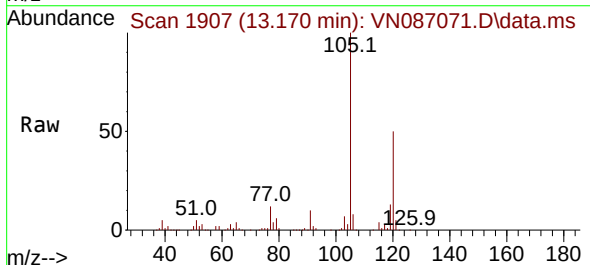
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

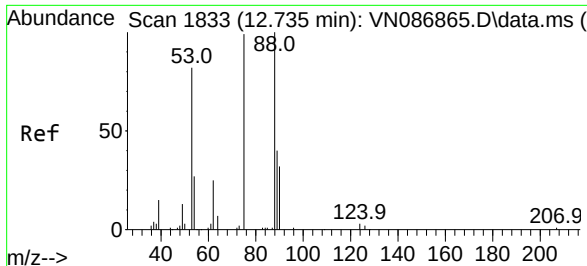
Tgt Ion: 91 Resp: 313811
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 48.301 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:105 Resp: 357918
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

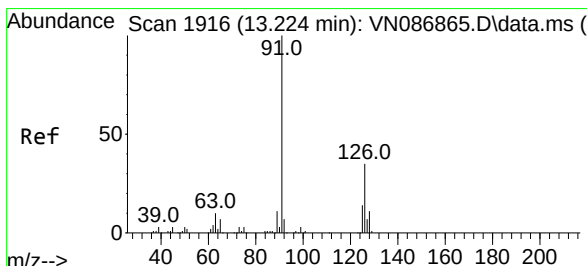
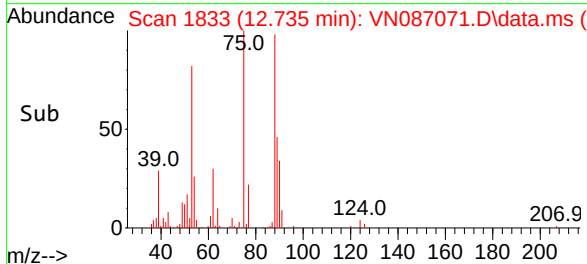
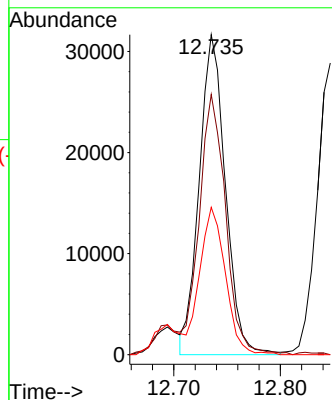
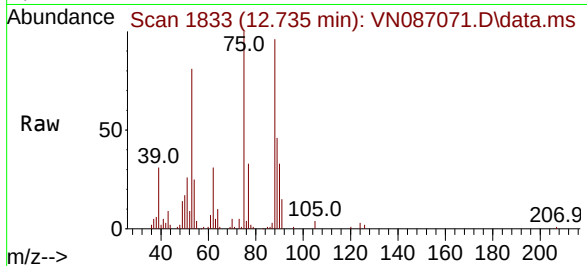




#81
trans-1,4-Dichloro-2-butene
Concen: 42.578 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

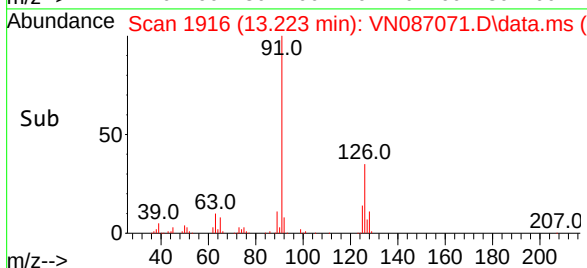
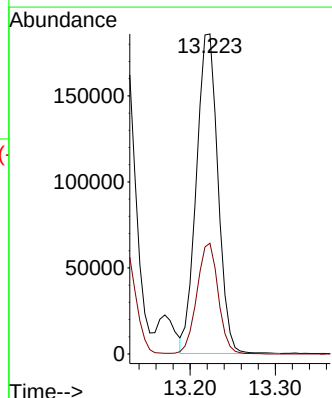
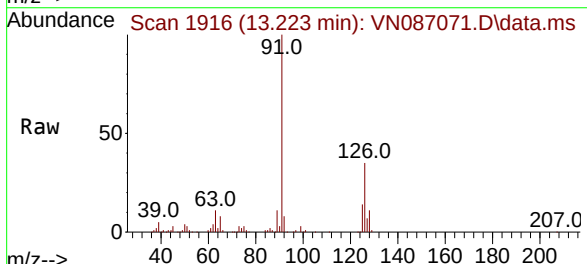
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

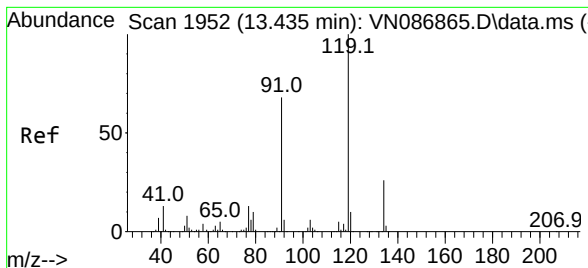
Tgt Ion: 75 Resp: 54168
Ion Ratio Lower Upper
75 100
53 81.8 66.6 99.8
89 44.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 49.376 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 91 Resp: 326807
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1

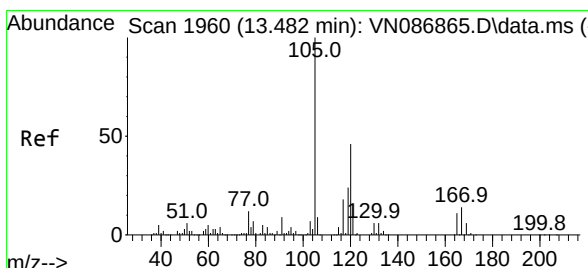
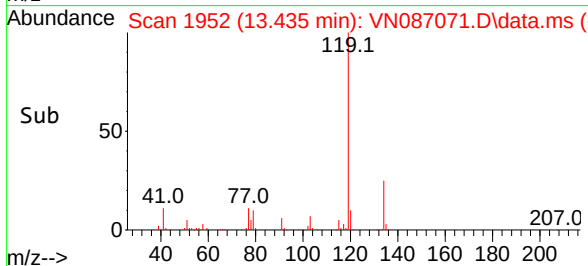
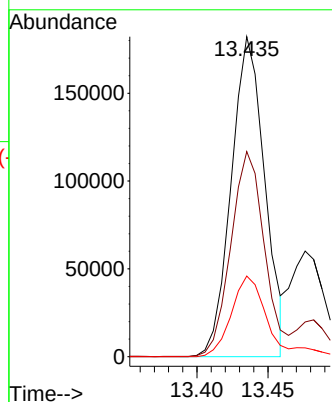
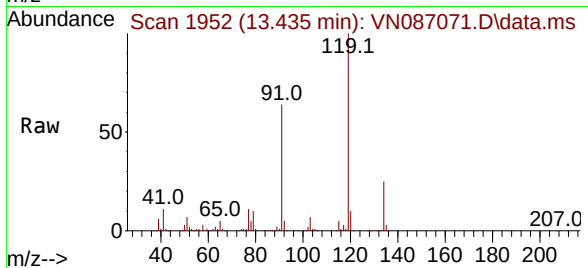




#83
 tert-Butylbenzene
 Concen: 44.126 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

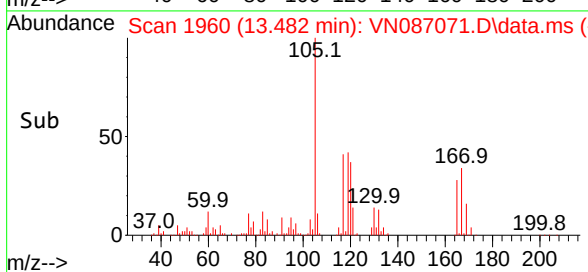
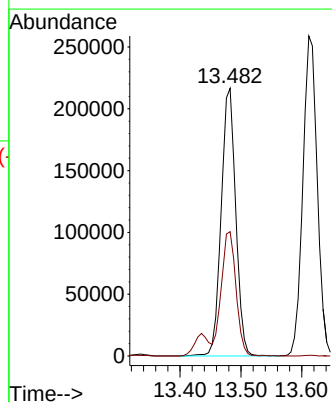
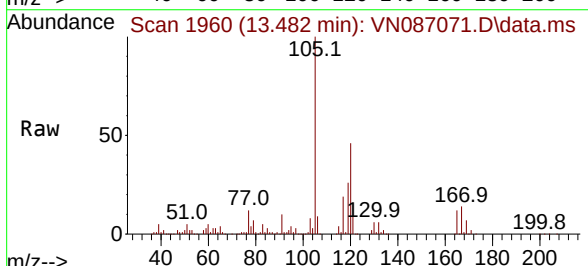
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MSD

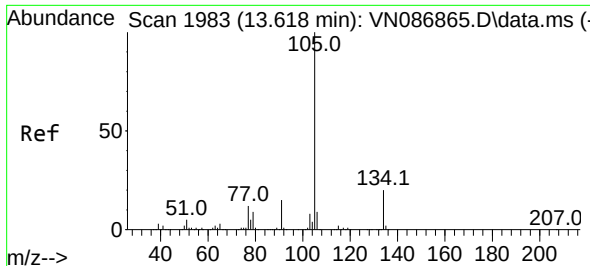
Tgt Ion:119 Resp: 299310
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.1 96.5
 134 27.4 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.351 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

Tgt Ion:105 Resp: 359283
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6

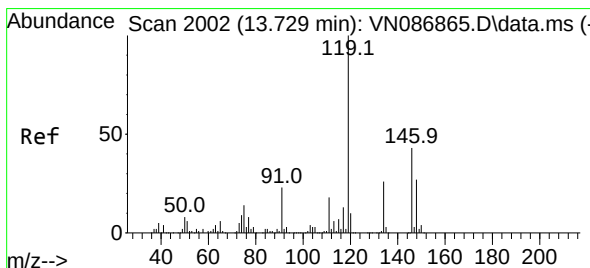
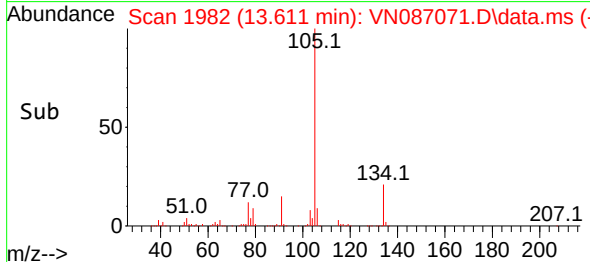
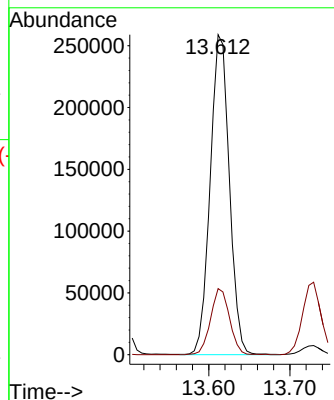
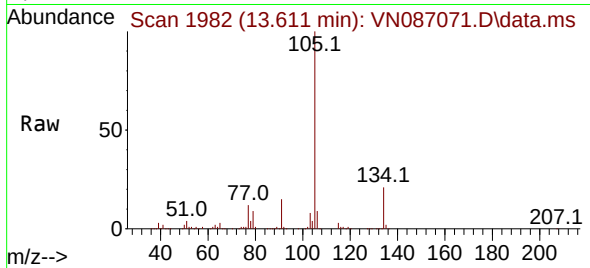




#85
 sec-Butylbenzene
 Concen: 43.080 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

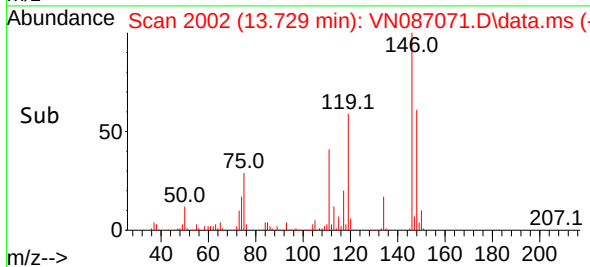
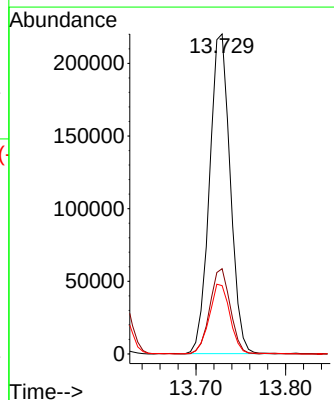
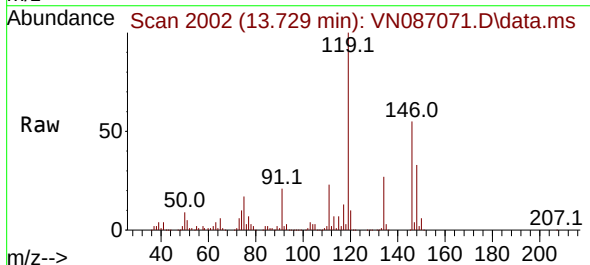
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MSD

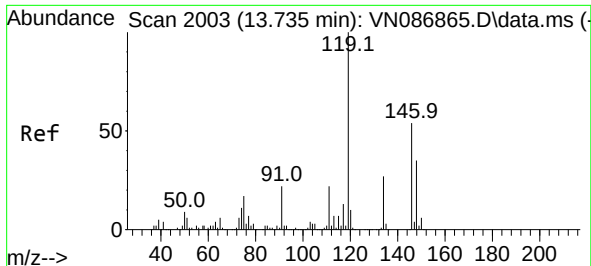
Tgt Ion:105 Resp: 424368
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 43.295 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087071.D
 Acq: 17 Jun 2025 19:22

Tgt Ion:119 Resp: 352540
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 21.7 11.5 34.4

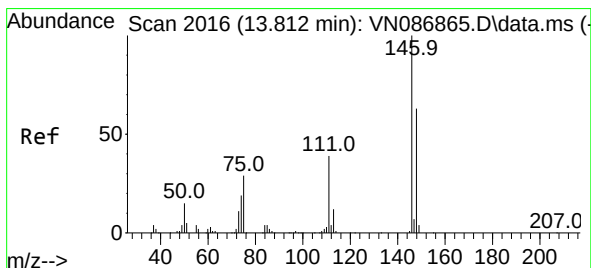
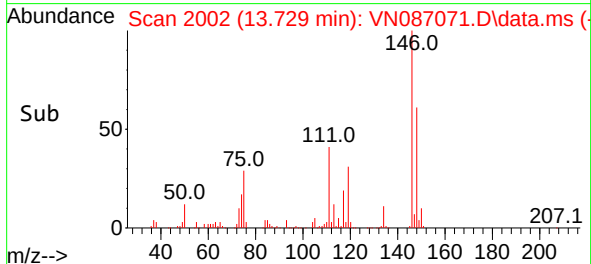
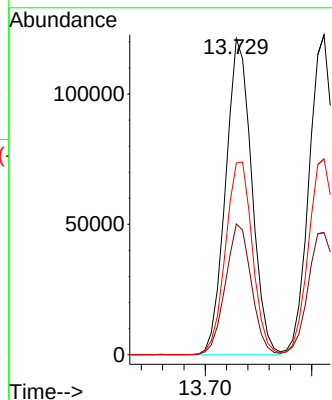
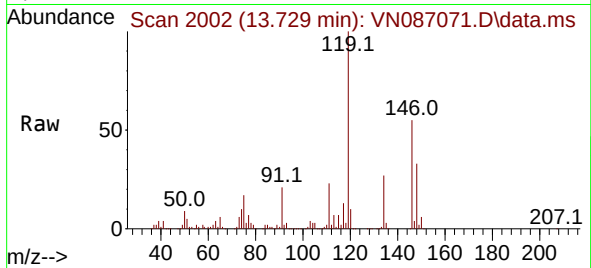




#87
1,3-Dichlorobenzene
Concen: 50.853 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

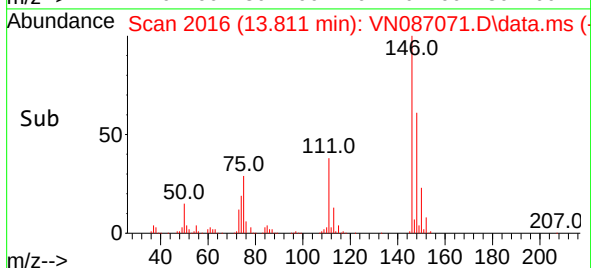
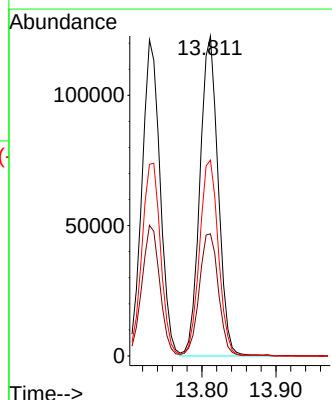
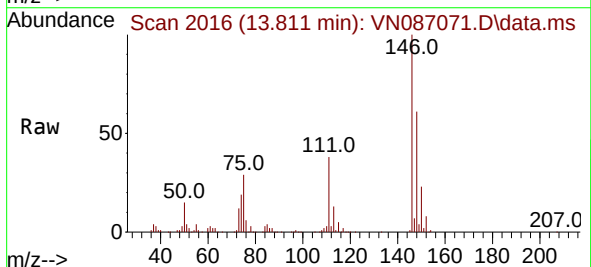
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

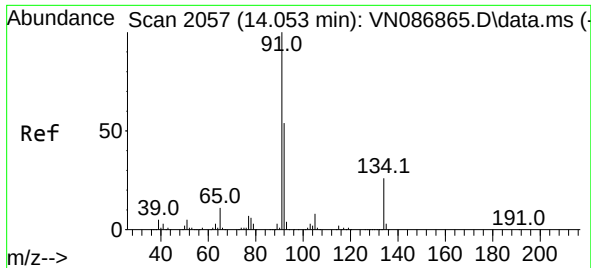
Tgt Ion:146 Resp: 205942
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 63.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 50.682 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:146 Resp: 209259
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.7
148 63.4 31.8 95.4

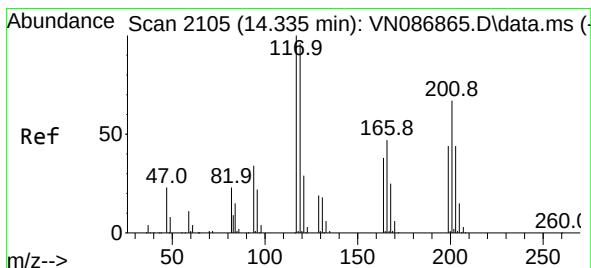
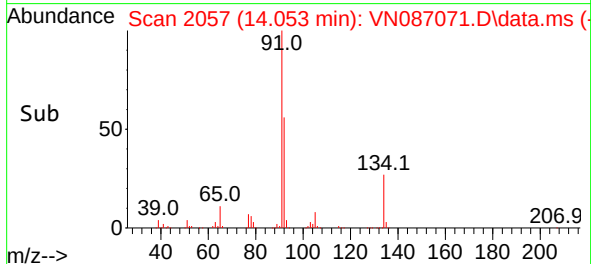
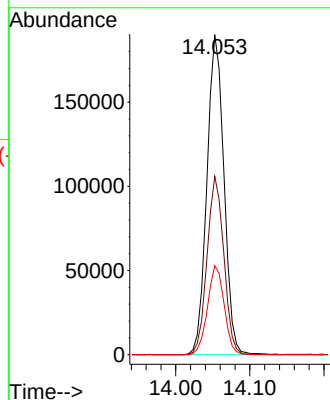
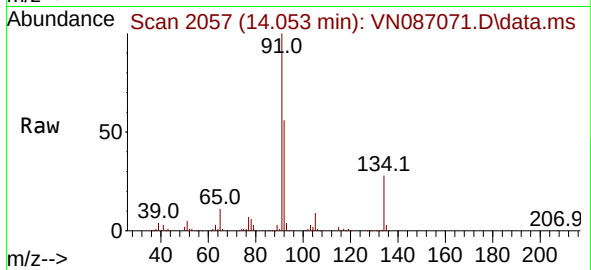




#89
n-Butylbenzene
Concen: 38.509 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

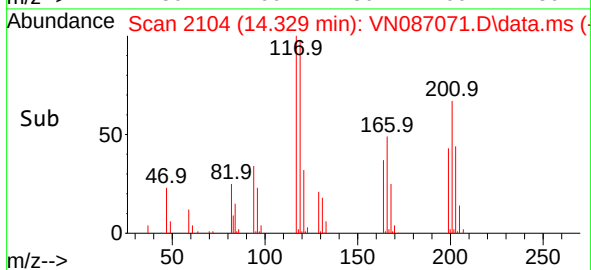
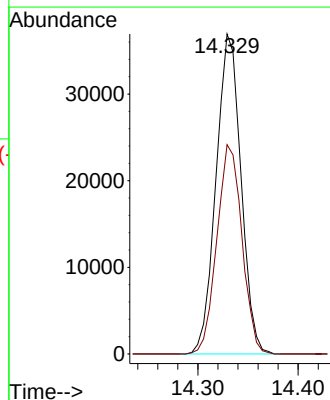
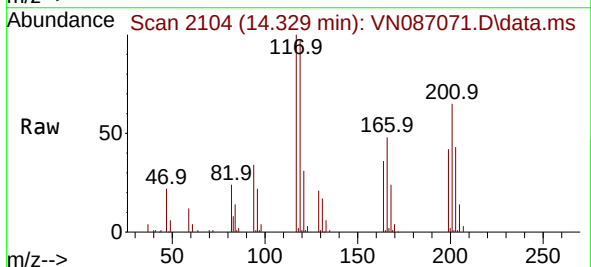
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

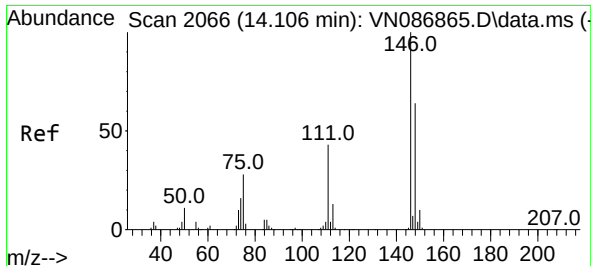
Tgt Ion: 91 Resp: 303725
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 27.2 13.0 39.0



#90
Hexachloroethane
Concen: 46.159 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 117 Resp: 63711
Ion Ratio Lower Upper
117 100
201 65.7 33.2 99.6

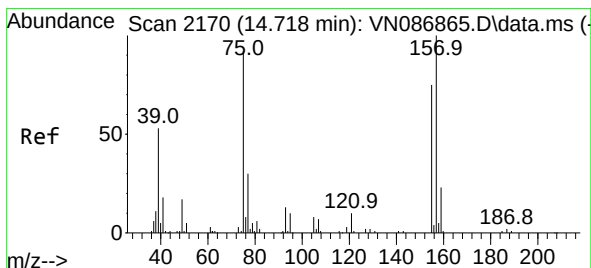
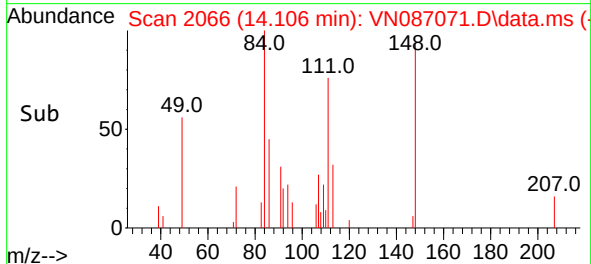
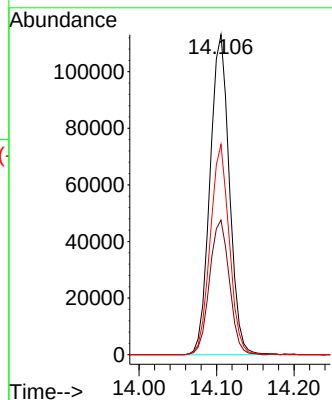
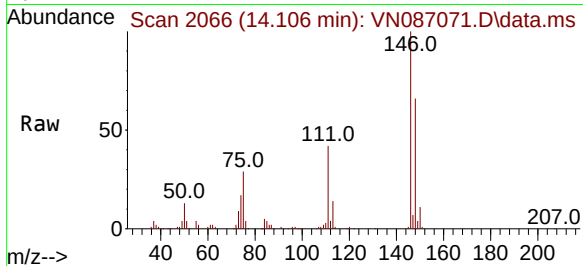




#91
1,2-Dichlorobenzene
Concen: 50.381 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

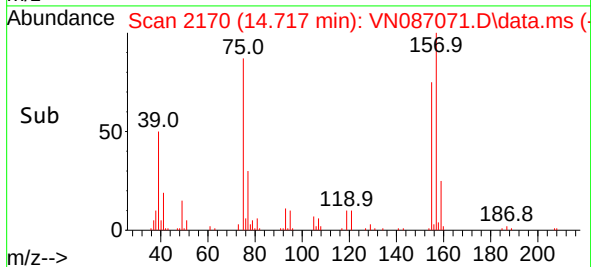
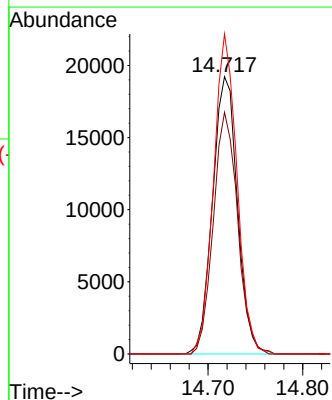
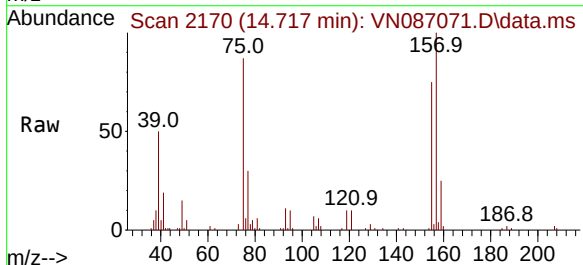
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MSVOA_N
ClientSampleId :
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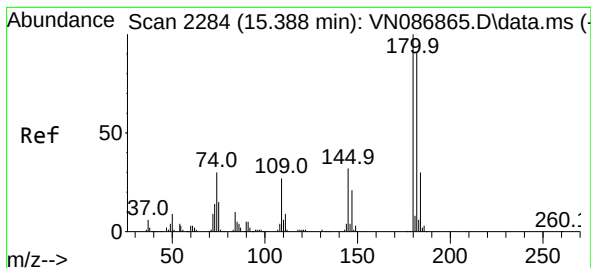
Tgt Ion:146 Resp: 196022
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.244 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion: 75 Resp: 35082
Ion Ratio Lower Upper
75 100
155 85.0 41.1 123.4
157 108.5 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 43.103 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

TT191D1-20250609MSD

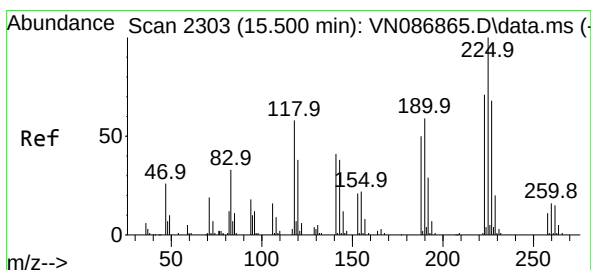
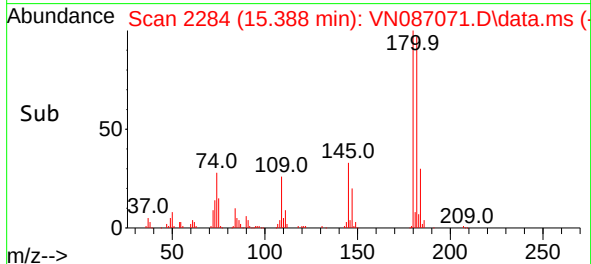
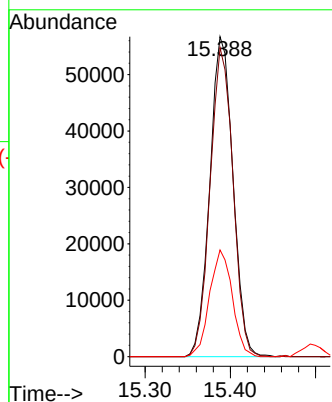
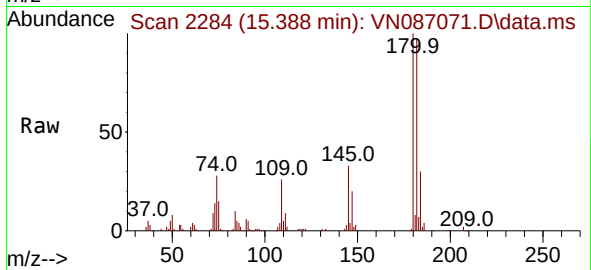
Tgt Ion:180 Resp: 107091

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.7

145 32.7 16.0 47.9



#94

Hexachlorobutadiene

Concen: 36.514 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN087071.D

Acq: 17 Jun 2025 19:22

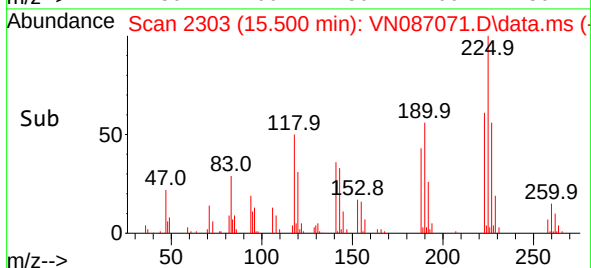
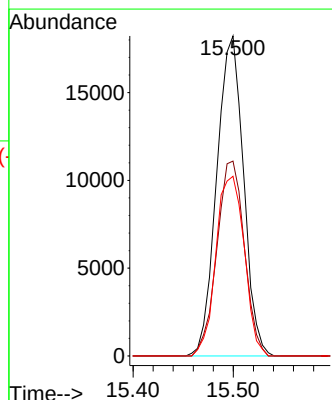
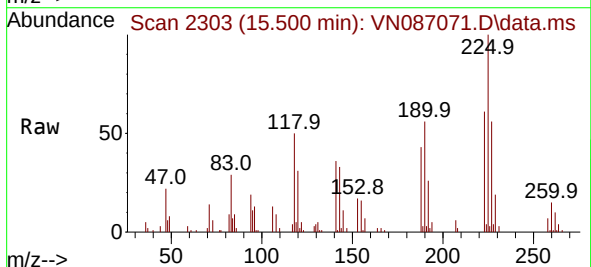
Tgt Ion:225 Resp: 33799

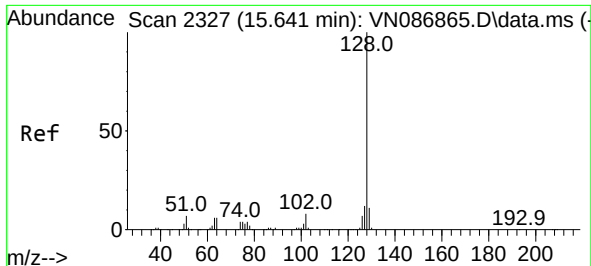
Ion Ratio Lower Upper

225 100

223 62.3 33.5 100.4

227 59.4 31.1 93.5

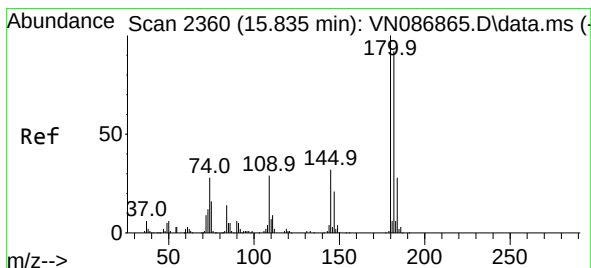
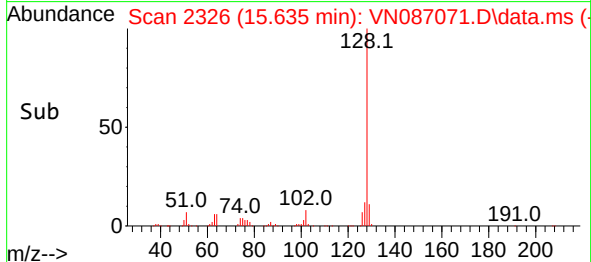
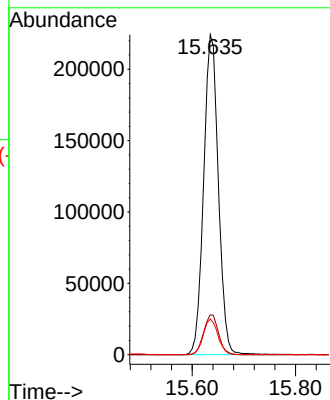
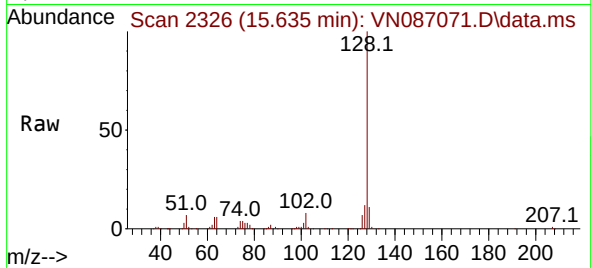




#95
Naphthalene
Concen: 47.831 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MSD

Tgt Ion:128 Resp: 442333
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 42.393 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087071.D
Acq: 17 Jun 2025 19:22

Tgt Ion:180 Resp: 104647
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.0
145 34.3 16.6 49.8

