

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088195.D
 Acq On : 31 Oct 2025 17:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 00:38:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	307844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	606321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	543749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	254140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	306937	57.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.320%	
35) Dibromofluoromethane	8.147	113	208517	51.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.380%	
50) Toluene-d8	10.541	98	769554	49.031	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.829	95	295919	53.387	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	159249	45.860	ug/l	97
3) Chloromethane	2.383	50	200548	49.091	ug/l	98
4) Vinyl Chloride	2.536	62	214230	48.129	ug/l	94
5) Bromomethane	2.971	94	133319	50.075	ug/l	94
6) Chloroethane	3.136	64	146164	45.576	ug/l	94
7) Trichlorofluoromethane	3.512	101	319771	45.042	ug/l	98
8) Diethyl Ether	3.959	74	143245	54.289	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	167320	45.673	ug/l	98
10) Methyl Iodide	4.583	142	186743	51.548	ug/l	96
11) Tert butyl alcohol	5.524	59	238289	259.834	ug/l	100
12) 1,1-Dichloroethene	4.342	96	178386	46.103	ug/l	98
13) Acrolein	4.177	56	322428	312.564	ug/l	100
14) Allyl chloride	5.012	41	354122	52.215	ug/l	97
15) Acrylonitrile	5.706	53	703757	281.718	ug/l	99
16) Acetone	4.424	43	647129	241.978	ug/l	98
17) Carbon Disulfide	4.706	76	521092	44.303	ug/l	96
18) Methyl Acetate	5.018	43	319723	58.396	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	826849	58.189	ug/l	98
20) Methylene Chloride	5.265	84	228006	54.703	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	211857	49.883	ug/l	99
22) Diisopropyl ether	6.659	45	815999	57.212	ug/l	99
23) Vinyl Acetate	6.588	43	3739761	291.086	ug/l	99
24) 1,1-Dichloroethane	6.553	63	439344	55.608	ug/l	98
25) 2-Butanone	7.465	43	969300	275.027	ug/l	98
26) 2,2-Dichloropropane	7.471	77	356271	49.622	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	260702	53.321	ug/l	95
28) Bromochloromethane	7.794	49	191627	51.332	ug/l	99
29) Tetrahydrofuran	7.824	42	638767	278.106	ug/l	100
30) Chloroform	7.947	83	442363	56.046	ug/l	98
31) Cyclohexane	8.241	56	331254	44.455	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	366791	52.177	ug/l	98
36) 1,1-Dichloropropene	8.353	75	297324	49.992	ug/l	99
37) Ethyl Acetate	7.547	43	405740	52.864	ug/l	98
38) Carbon Tetrachloride	8.347	117	295350	48.081	ug/l	95
39) Methylcyclohexane	9.577	83	281777	36.859	ug/l	98
40) Benzene	8.588	78	916381	50.593	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	214283	53.046	ug/l	99
42) 1,2-Dichloroethane	8.653	62	370292	57.537	ug/l	99
43) Isopropyl Acetate	8.671	43	658576	55.841	ug/l	99
44) Trichloroethene	9.329	130	208418	49.229	ug/l	100
45) 1,2-Dichloropropane	9.600	63	238343	52.123	ug/l	99
46) Dibromomethane	9.688	93	175156	53.707	ug/l	98
47) Bromodichloromethane	9.865	83	354135	54.236	ug/l	96
48) Methyl methacrylate	9.659	41	317092	58.236	ug/l	100
49) 1,4-Dioxane	9.682	88	63436	936.727	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	1976711	283.318	ug/l	99
52) Toluene	10.606	92	569397	50.988	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	385558	55.480	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	398766	54.075	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	222770	52.580	ug/l	96
56) Ethyl methacrylate	10.853	69	410315	61.198	ug/l	98
57) 1,3-Dichloropropane	11.141	76	409197	54.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1119142	320.901	ug/l	100
59) 2-Hexanone	11.176	43	1364954	294.910	ug/l	100
60) Dibromochloromethane	11.335	129	254310	52.810	ug/l	98
61) 1,2-Dibromoethane	11.447	107	233711	53.599	ug/l	99
64) Tetrachloroethene	11.082	164	163896	45.696	ug/l	97
65) Chlorobenzene	11.871	112	615917	49.885	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	209655	51.830	ug/l	100
67) Ethyl Benzene	11.941	91	1095545	50.550	ug/l	98
68) m/p-Xylenes	12.047	106	807907	99.492	ug/l	99
69) o-Xylene	12.376	106	395848	51.424	ug/l	99
70) Styrene	12.388	104	690776	55.030	ug/l	98
71) Bromoform	12.559	173	160350	53.118	ug/l #	98
73) Isopropylbenzene	12.670	105	972157	49.597	ug/l	100
74) N-amyl acetate	12.500	43	273133	49.087	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	324566	53.186	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	452401	77.860	ug/l	65
77) Bromobenzene	12.959	156	235351	55.681	ug/l	96
78) n-propylbenzene	13.012	91	1146343	47.924	ug/l	99
79) 2-Chlorotoluene	13.100	91	745684	54.664	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	802048	49.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	107733	51.722	ug/l	94
82) 4-Chlorotoluene	13.200	91	768894	52.098	ug/l	99
83) tert-Butylbenzene	13.412	119	671647	46.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	845132	51.889	ug/l	98
85) sec-Butylbenzene	13.594	105	882954	41.327	ug/l	100
86) p-Isopropyltoluene	13.706	119	749837	43.750	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	431296	51.114	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	435528	48.057	ug/l	97
89) n-Butylbenzene	14.029	91	669319	39.425	ug/l	98
90) Hexachloroethane	14.312	117	135128	40.713	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	414452	50.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	76468	53.837	ug/l	89
93) 1,2,4-Trichlorobenzene	15.364	180	179894	36.520	ug/l	98
94) Hexachlorobutadiene	15.470	225	58761	32.033	ug/l	96
95) Naphthalene	15.611	128	726330	43.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	156452	33.125	ug/l	98

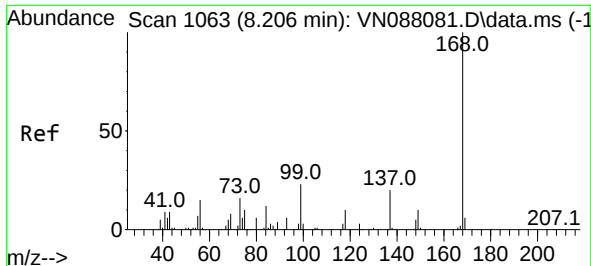
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Response via : Initial Calibration

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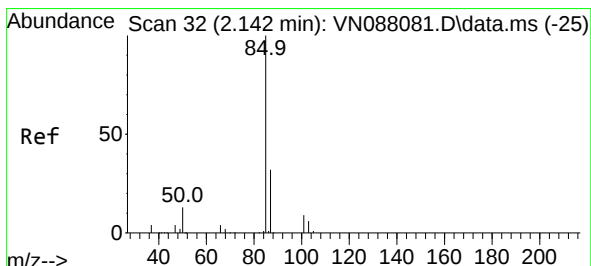
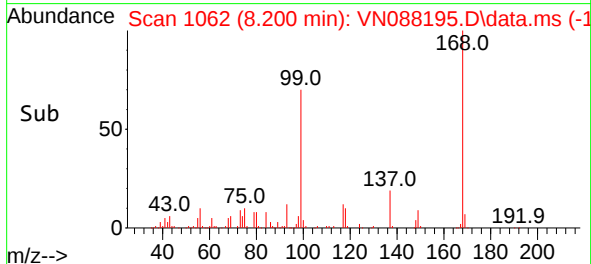
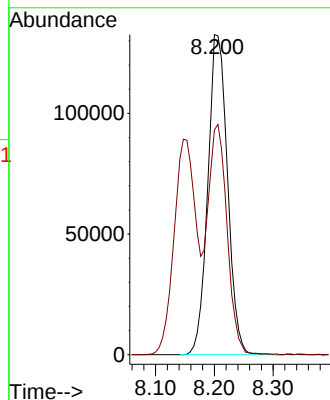
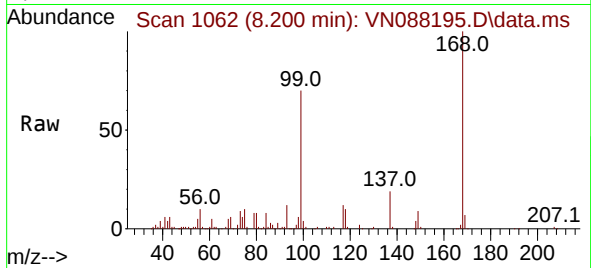
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

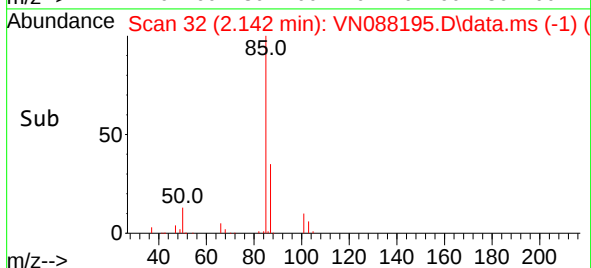
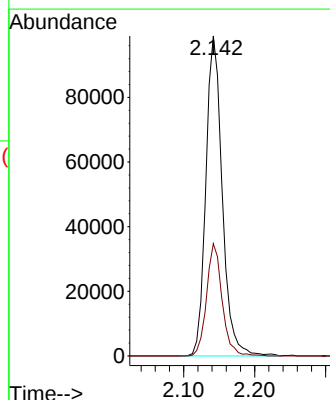
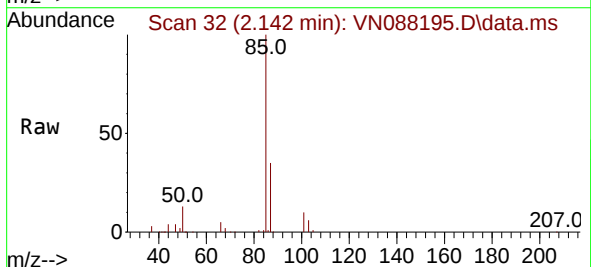
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ClientSampleId :
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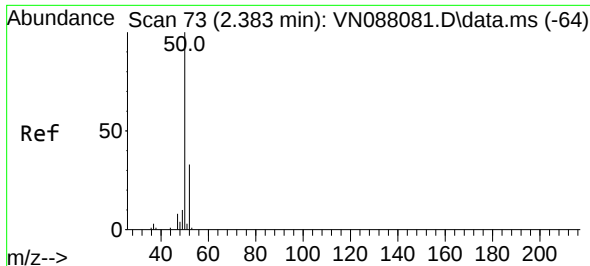
Tgt Ion:168 Resp: 307844
Ion Ratio Lower Upper
168 100
99 70.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 45.860 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 85 Resp: 159249
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8

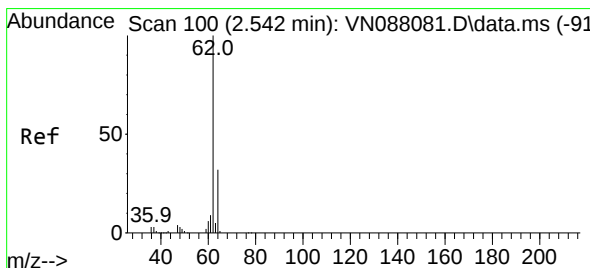
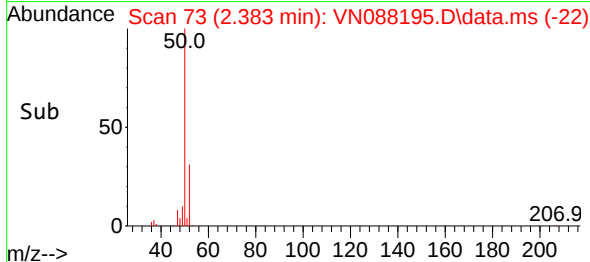
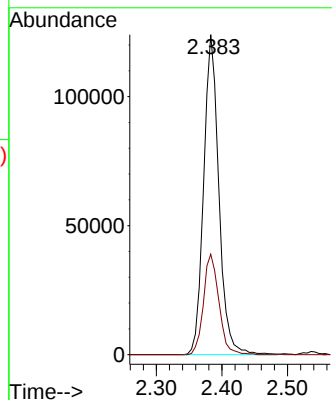
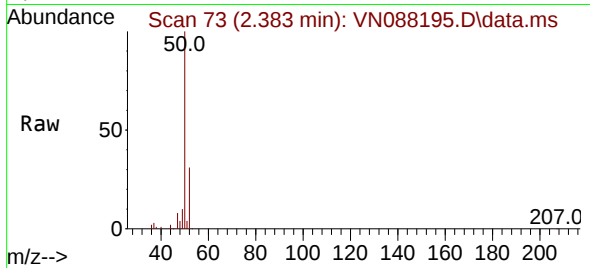




#3
Chloromethane
Concen: 49.091 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

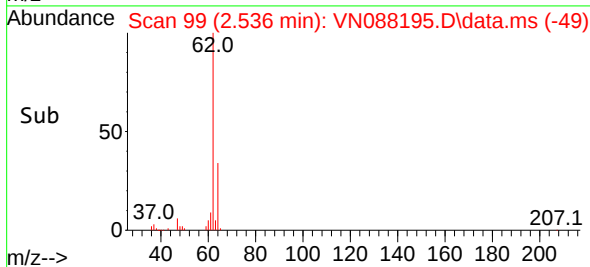
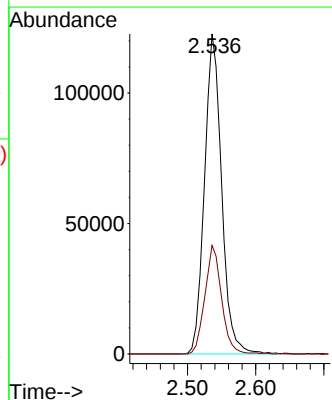
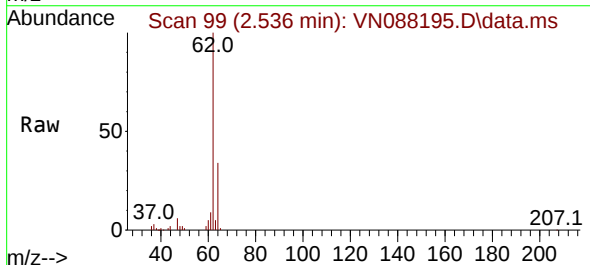
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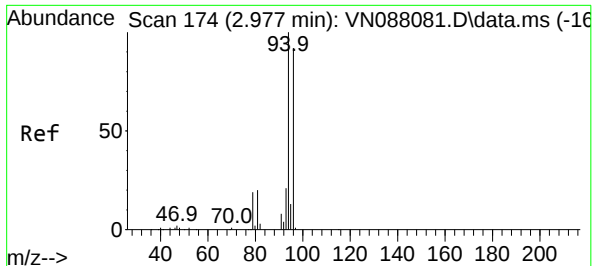
Tgt Ion: 50 Resp: 200548
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.4



#4
Vinyl Chloride
Concen: 48.129 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 62 Resp: 214230
Ion Ratio Lower Upper
62 100
64 33.9 24.6 37.0

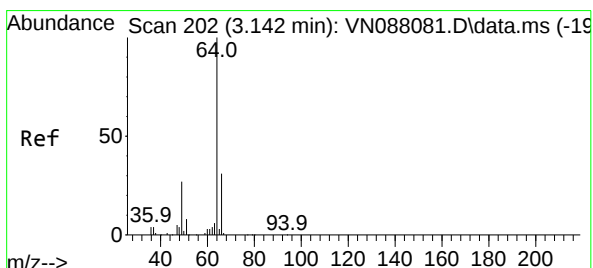
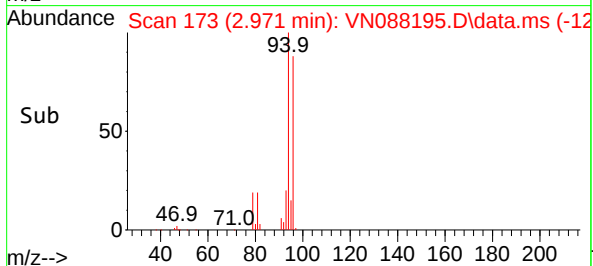
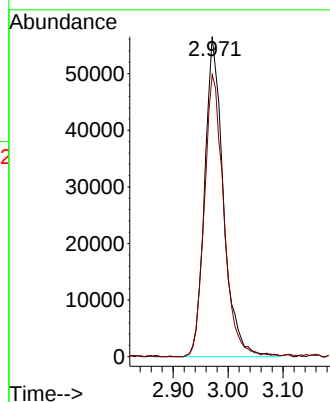
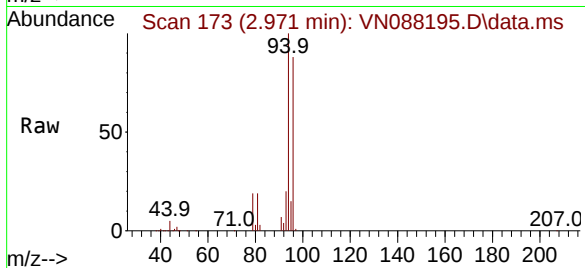




#5
Bromomethane
Concen: 50.075 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

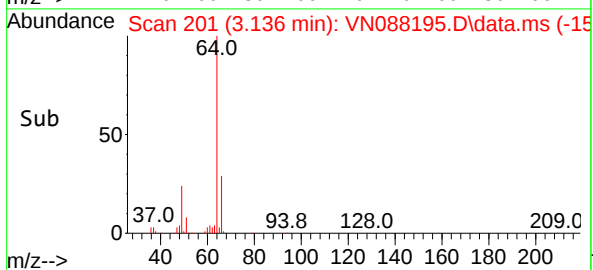
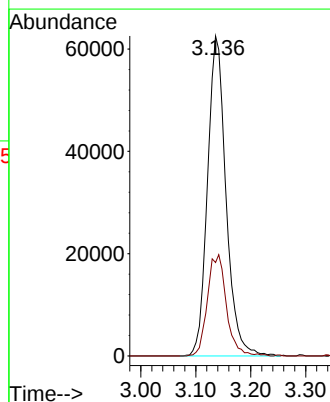
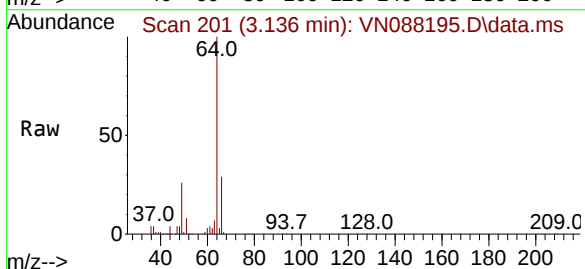
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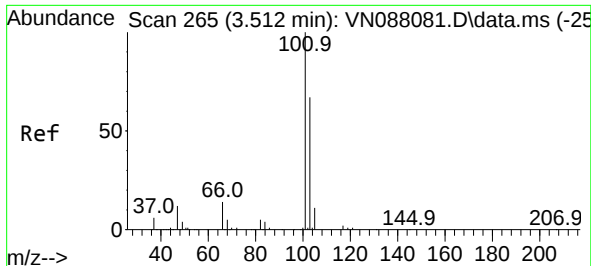
Tgt Ion: 94 Resp: 133319
Ion Ratio Lower Upper
94 100
96 88.2 75.4 113.2



#6
Chloroethane
Concen: 45.576 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 64 Resp: 146164
Ion Ratio Lower Upper
64 100
66 29.2 26.2 39.2

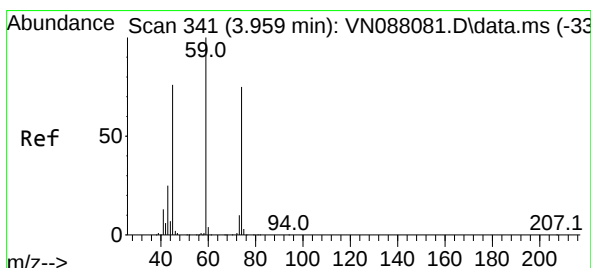
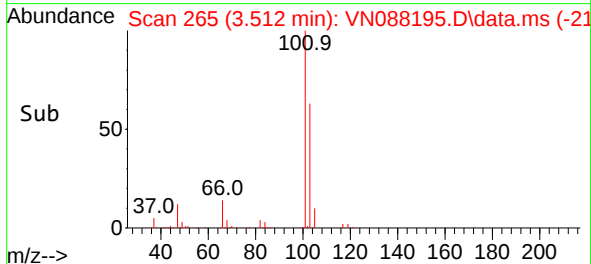
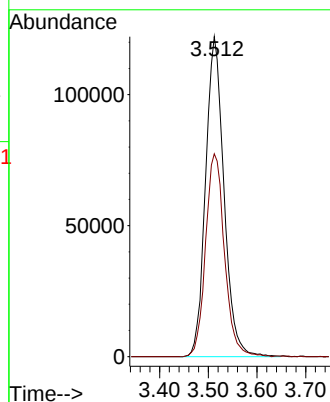
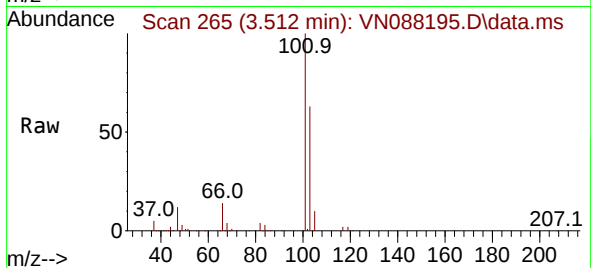




#7
 Trichlorofluoromethane
 Concen: 45.042 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

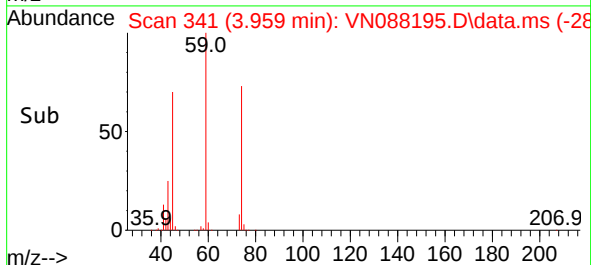
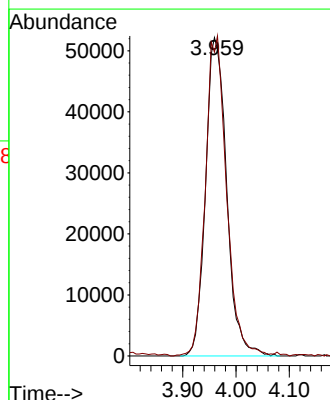
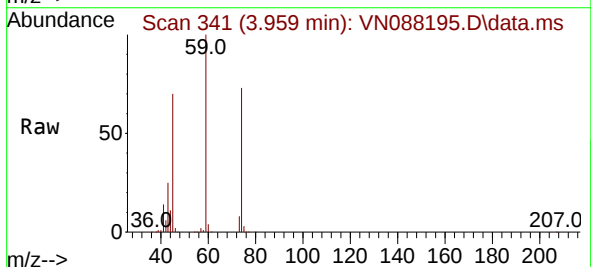
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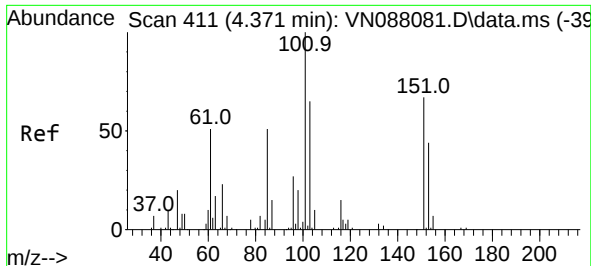
Tgt Ion:101 Resp: 319771
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 54.289 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

Tgt Ion: 74 Resp: 143245
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.6 151.9

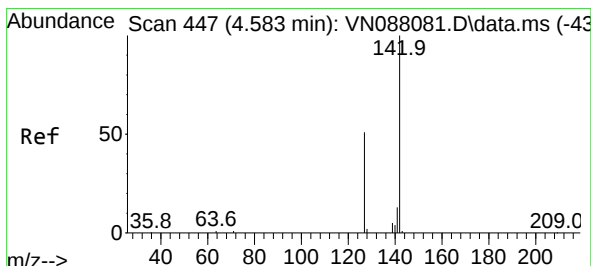
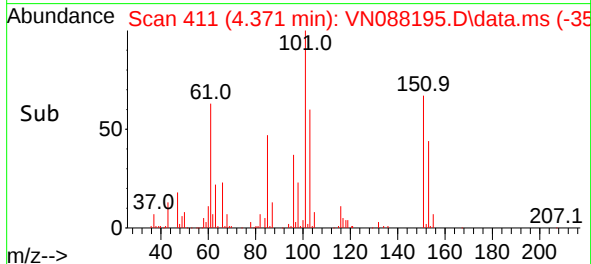
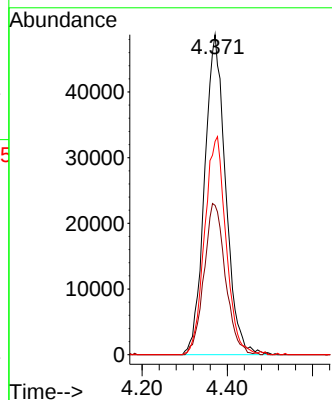
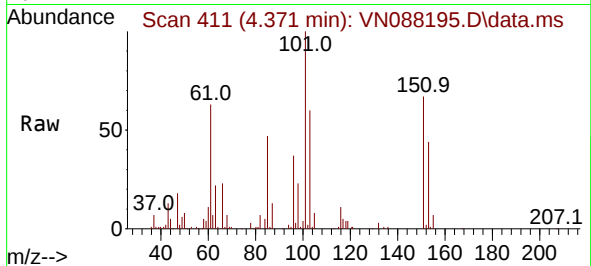




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.673 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088195.D
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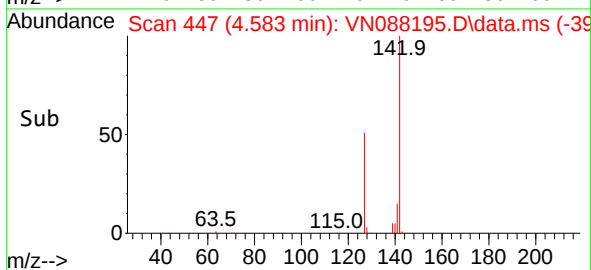
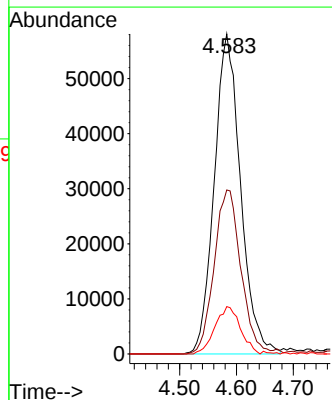
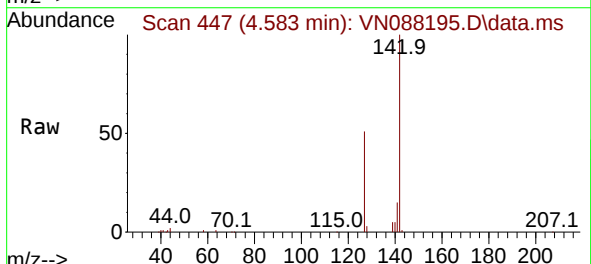
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

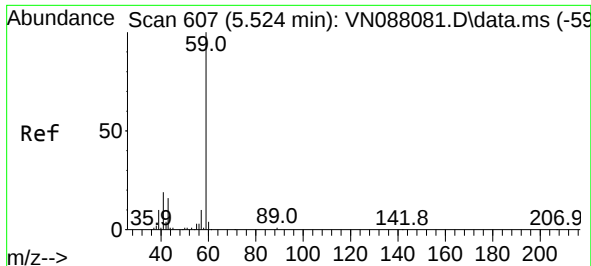
Tgt Ion:101 Resp: 167320
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 69.0 54.7 82.1



#10
Methyl Iodide
Concen: 51.548 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:142 Resp: 186743
Ion Ratio Lower Upper
142 100
127 51.2 38.0 57.0
141 14.8 12.0 18.0

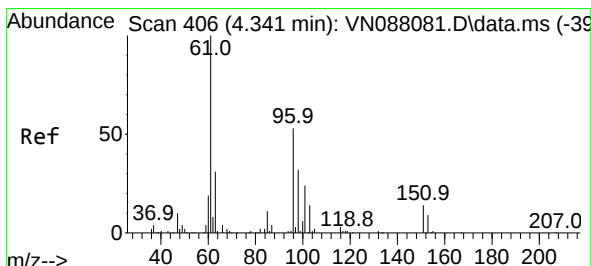
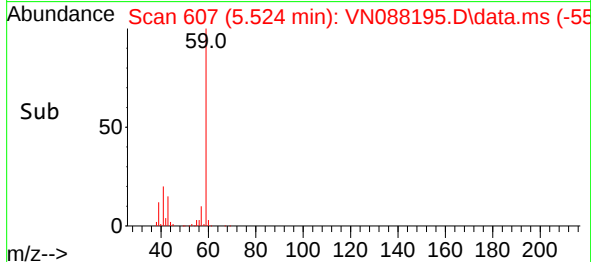
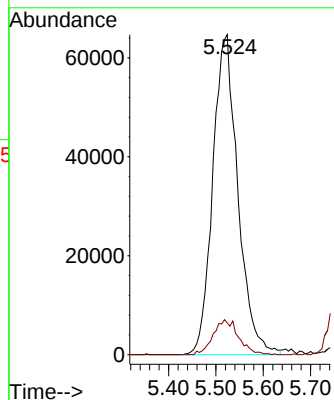
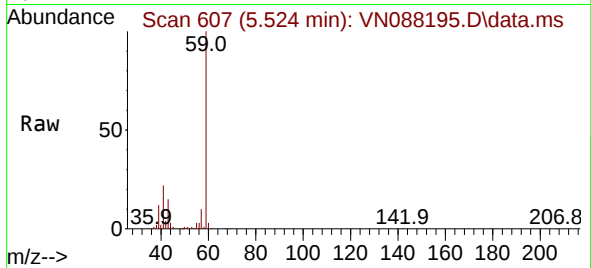




#11
Tert butyl alcohol
Concen: 259.834 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

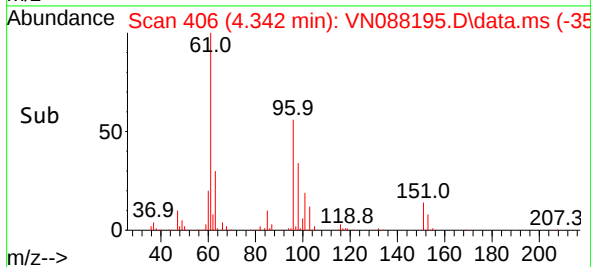
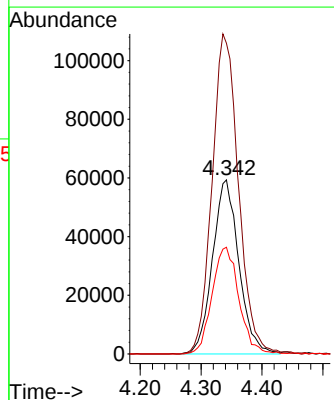
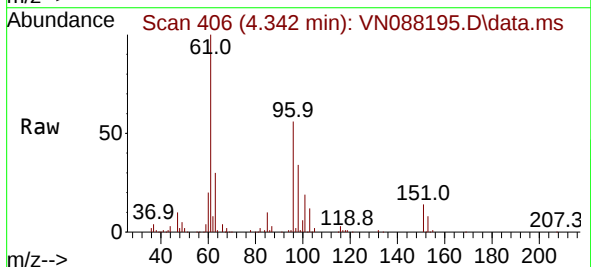
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

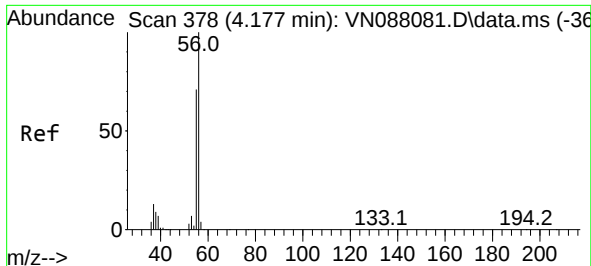
Tgt Ion: 59 Resp: 238289
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.103 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 96 Resp: 178386
Ion Ratio Lower Upper
96 100
61 178.5 143.8 215.8
98 61.3 52.1 78.1

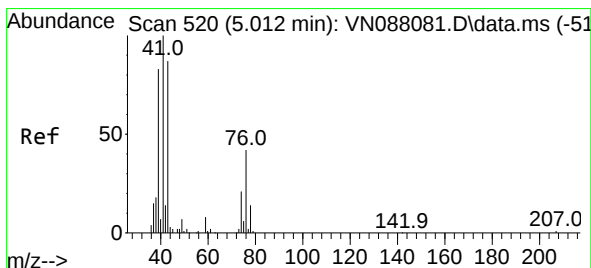
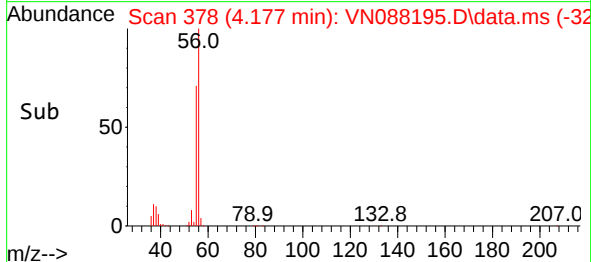
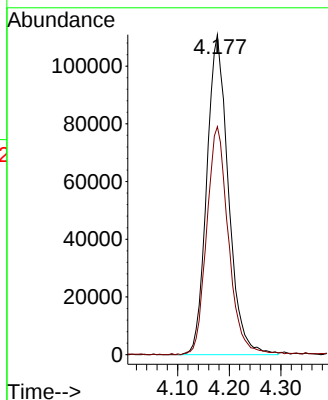
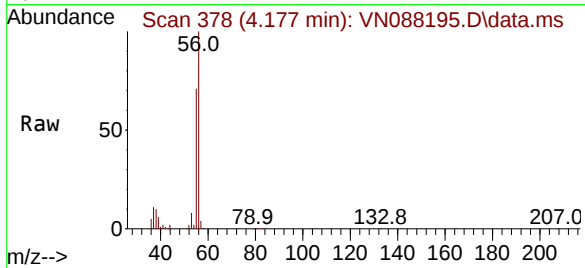




#13
Acrolein
Concen: 312.564 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

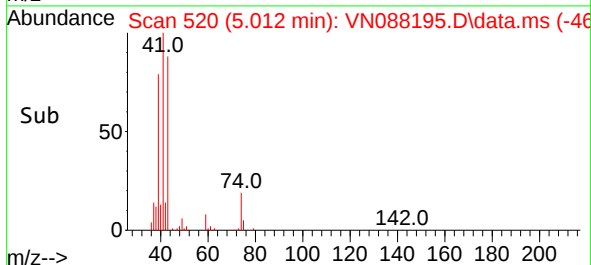
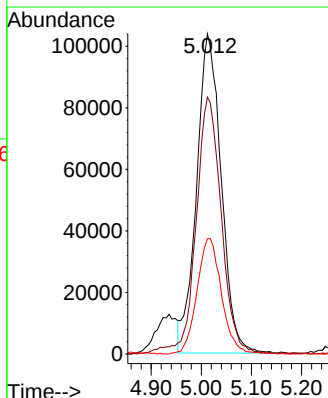
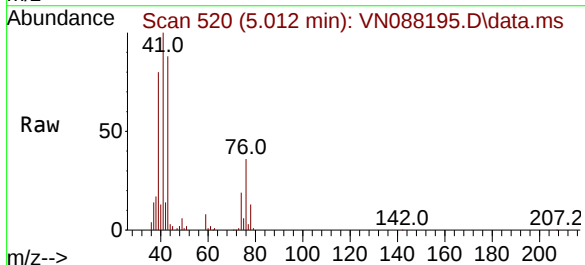
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

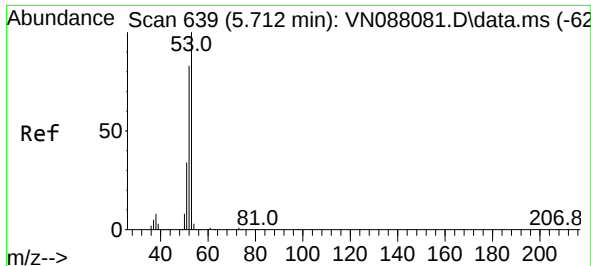
Tgt Ion: 56 Resp: 322428
Ion Ratio Lower Upper
56 100
55 71.4 57.3 85.9



#14
Allyl chloride
Concen: 52.215 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 41 Resp: 354122
Ion Ratio Lower Upper
41 100
39 82.7 63.9 95.9
76 36.1 28.1 42.1

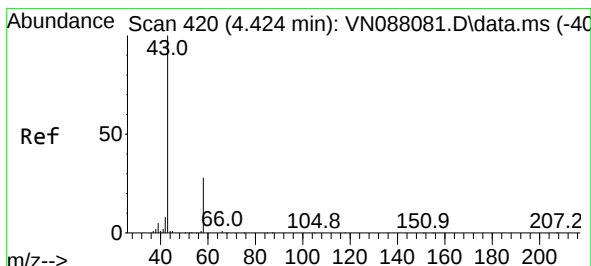
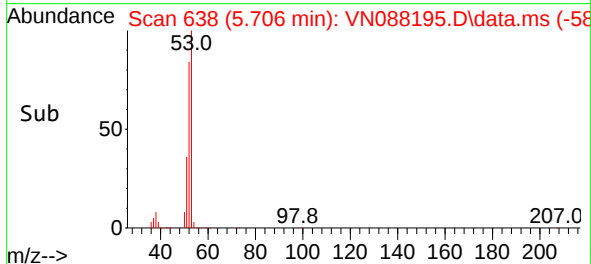
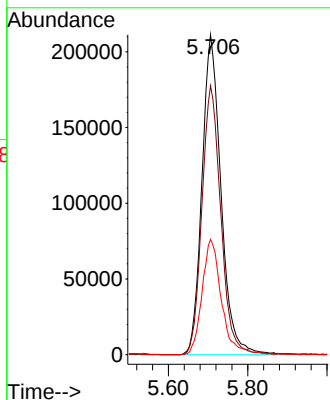
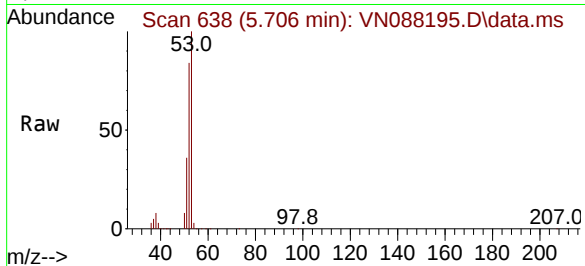




#15
Acrylonitrile
Concen: 281.718 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

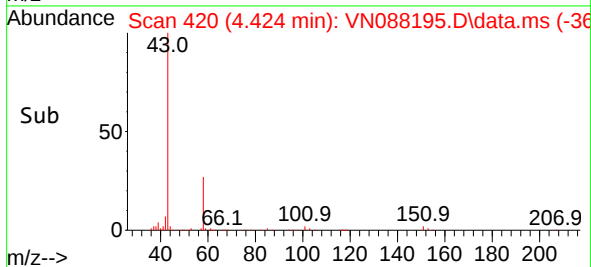
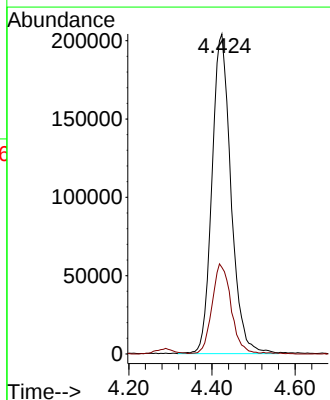
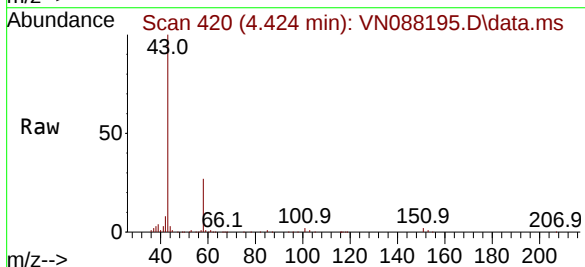
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

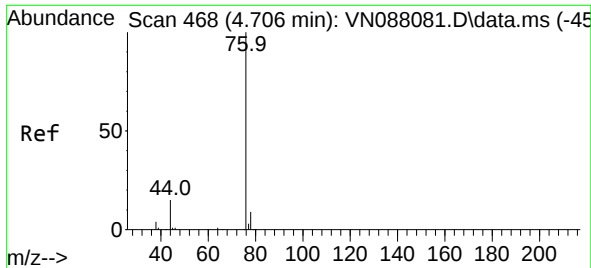
Tgt Ion: 53 Resp: 703757
Ion Ratio Lower Upper
53 100
52 83.5 67.6 101.4
51 36.7 30.1 45.1



#16
Acetone
Concen: 241.978 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 43 Resp: 647129
Ion Ratio Lower Upper
43 100
58 26.9 22.6 33.8

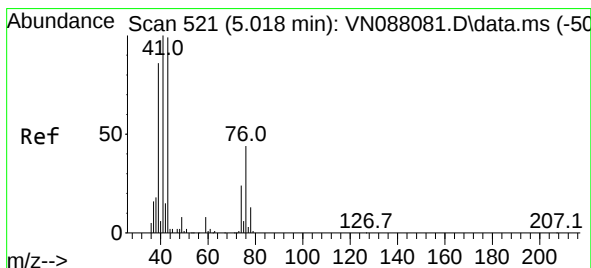
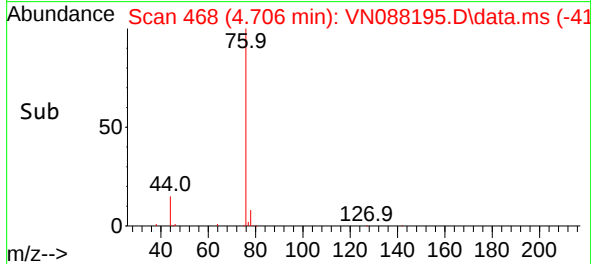
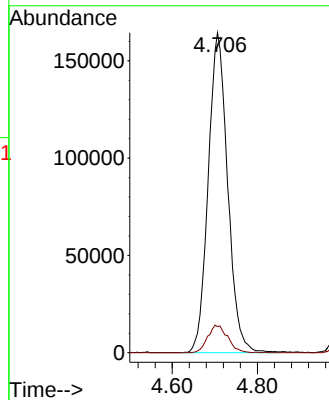
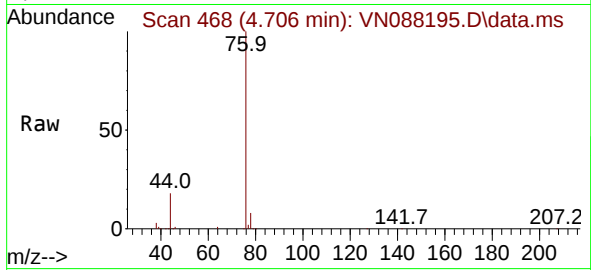




#17
Carbon Disulfide
Concen: 44.303 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

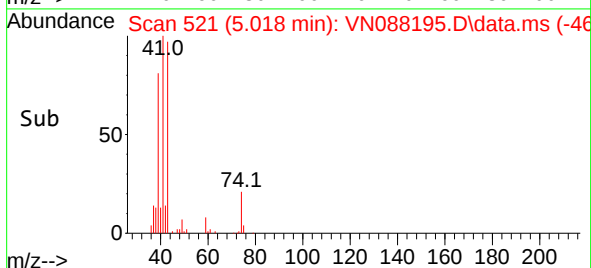
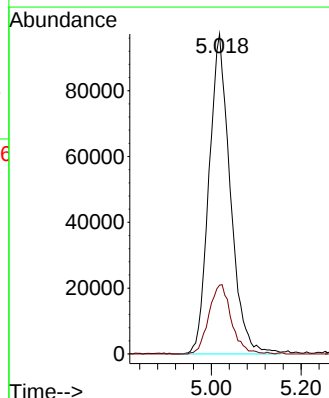
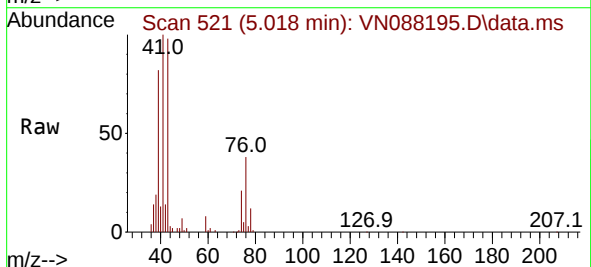
Instrument :
MSVOA_N
ClientSampleId :
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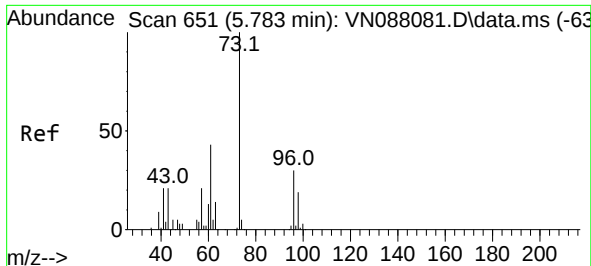
Tgt Ion: 76 Resp: 521092
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#18
Methyl Acetate
Concen: 58.396 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 43 Resp: 319723
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4

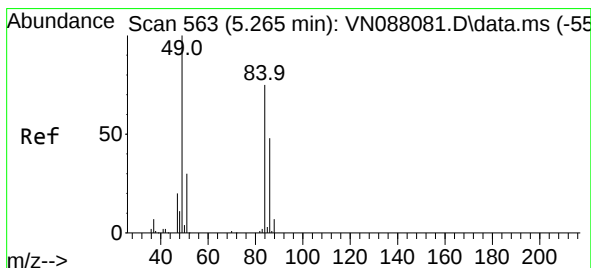
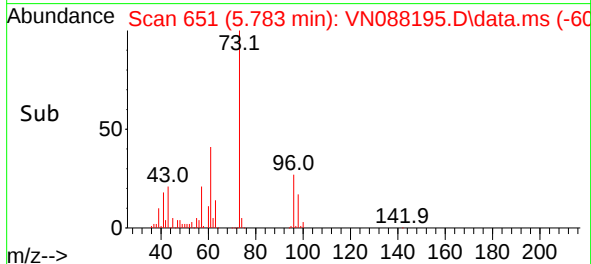
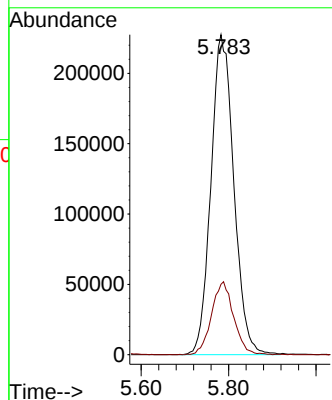
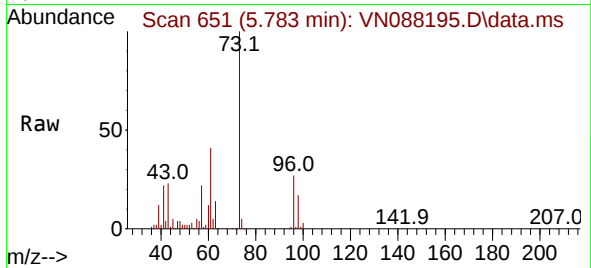




#19
Methyl tert-butyl Ether
Concen: 58.189 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

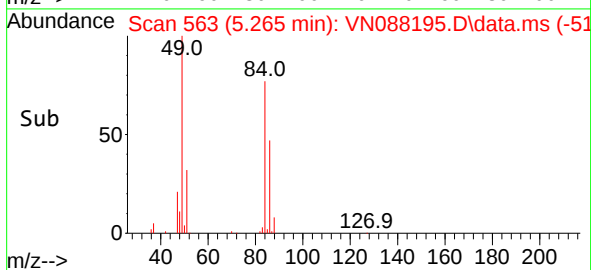
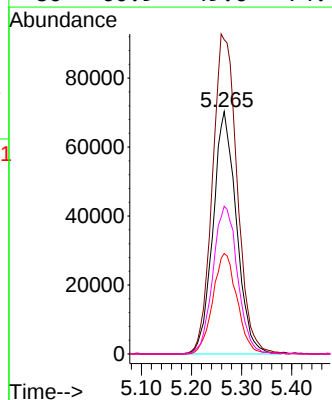
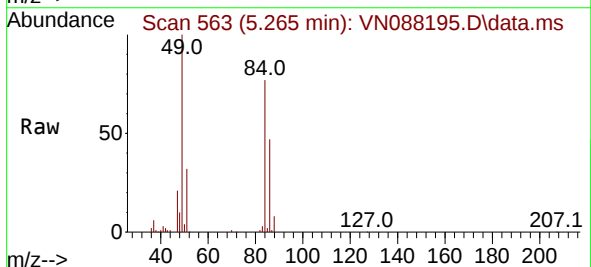
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

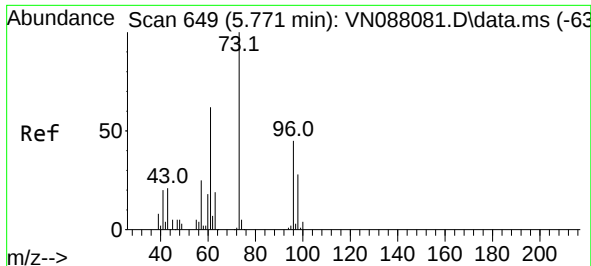
Tgt Ion: 73 Resp: 826849
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



#20
Methylene Chloride
Concen: 54.703 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 84 Resp: 228006
Ion Ratio Lower Upper
84 100
49 129.6 103.4 155.2
51 41.5 33.8 50.8
86 60.9 49.6 74.4

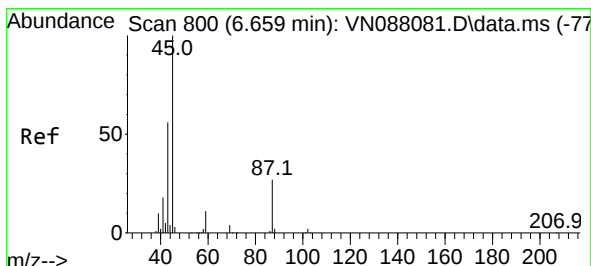
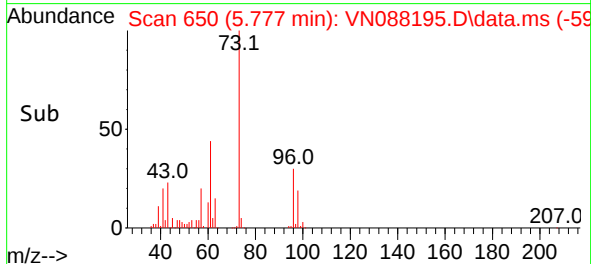
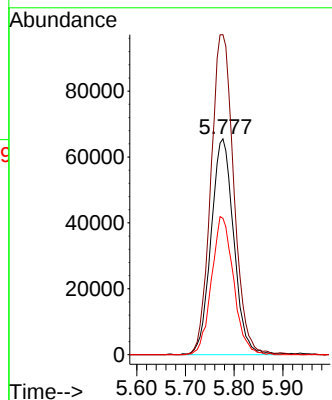
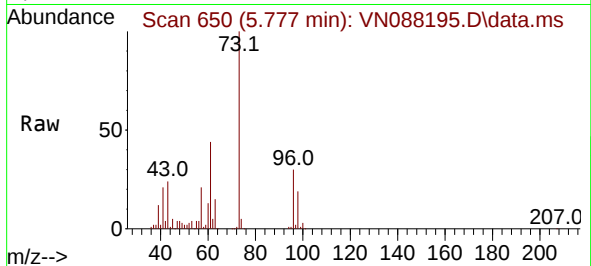




#21
trans-1,2-Dichloroethene
Concen: 49.883 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

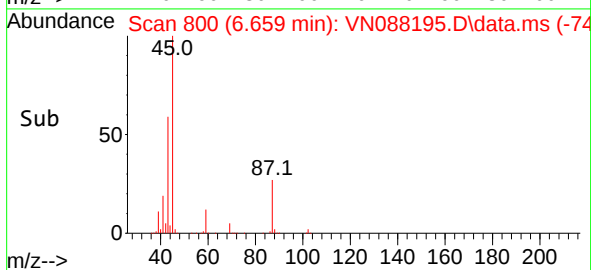
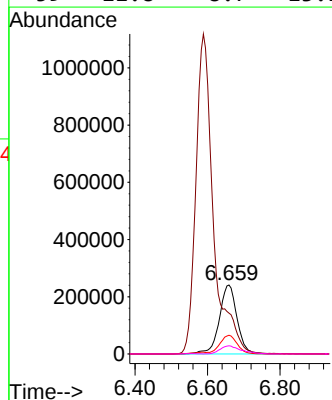
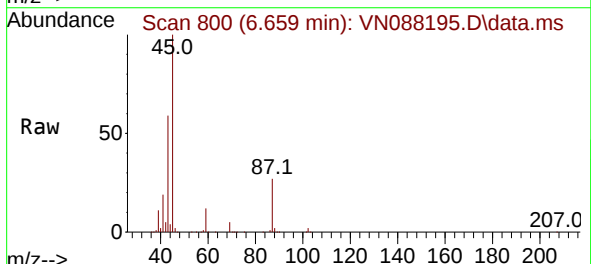
Instrument :
MSVOA_N
ClientSampleId :
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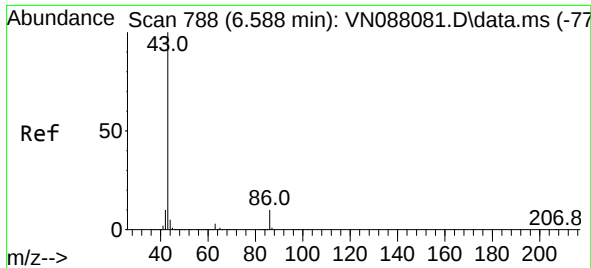
Tgt Ion: 96 Resp: 211857
Ion Ratio Lower Upper
96 100
61 148.2 118.0 177.0
98 63.2 50.0 75.0



#22
Diisopropyl ether
Concen: 57.212 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 45 Resp: 815999
Ion Ratio Lower Upper
45 100
43 58.7 47.7 71.5
87 27.1 21.4 32.0
59 11.8 8.7 13.1

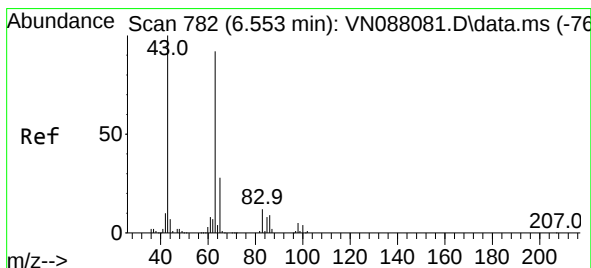
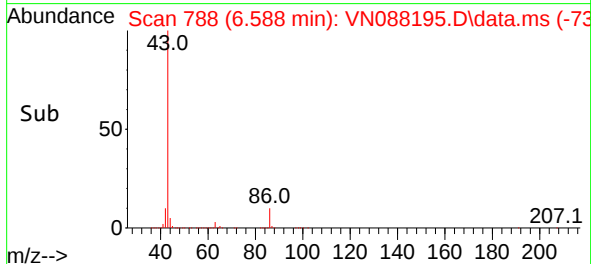
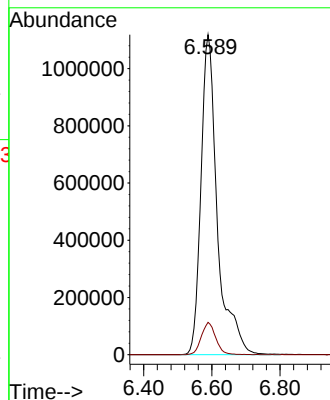
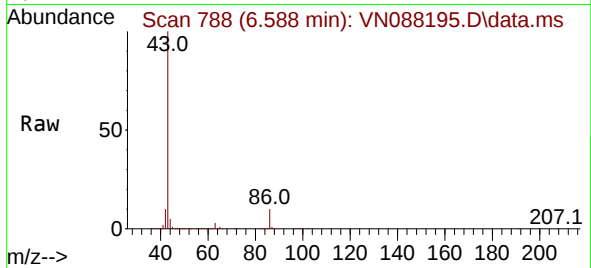




#23
 Vinyl Acetate
 Concen: 291.086 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

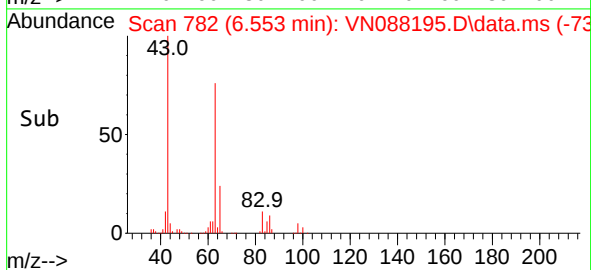
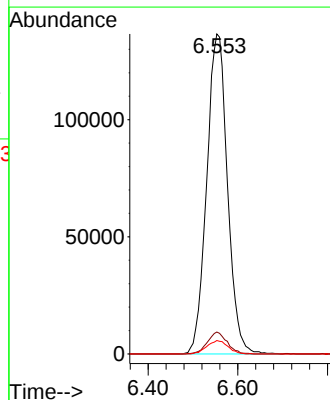
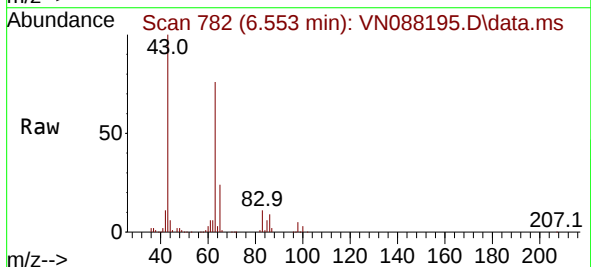
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

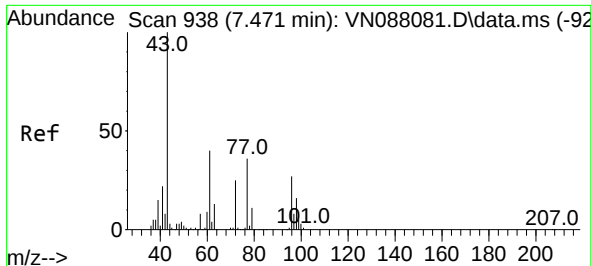
Tgt Ion: 43 Resp: 3739761
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 55.608 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

Tgt Ion: 63 Resp: 439344
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.2 2.0 6.0

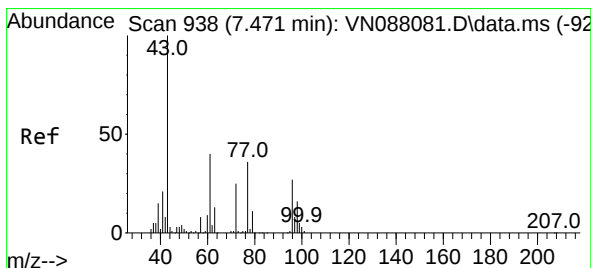
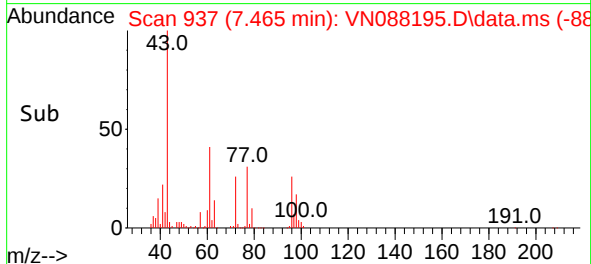
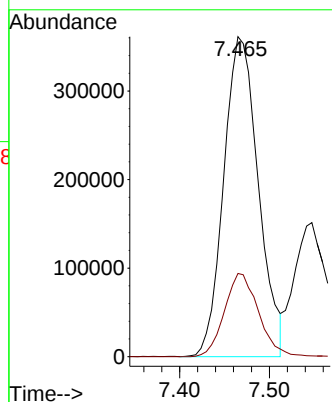
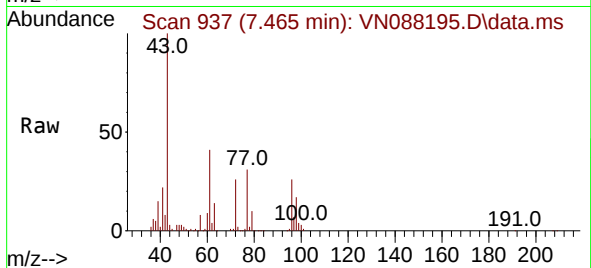




#25
2-Butanone
Concen: 275.027 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

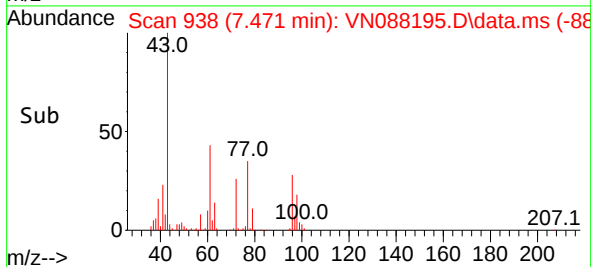
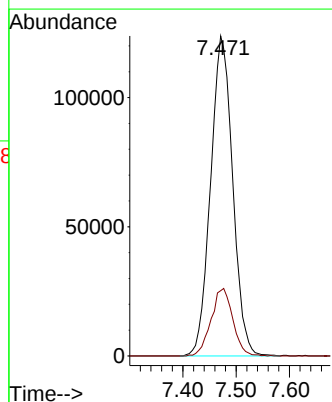
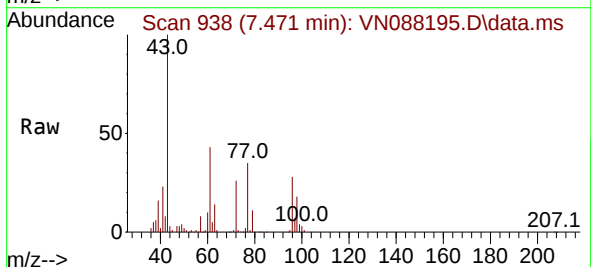
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

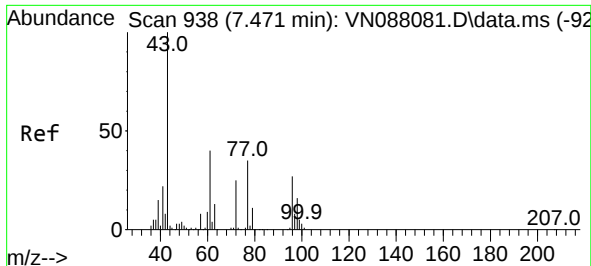
Tgt Ion: 43 Resp: 969300
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 49.622 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 77 Resp: 356271
Ion Ratio Lower Upper
77 100
97 20.8 10.9 32.7

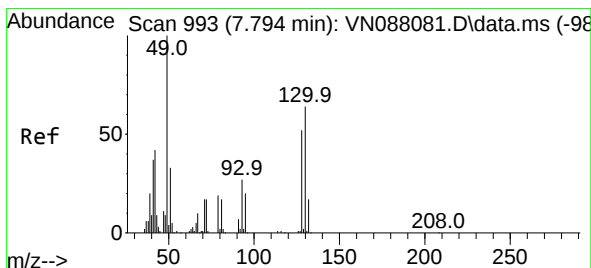
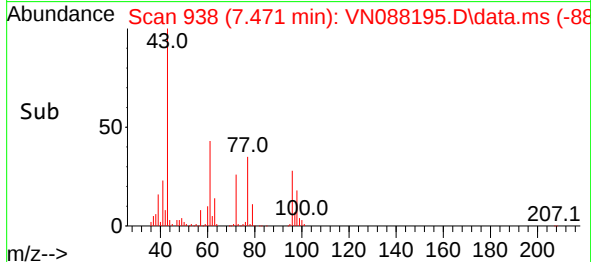
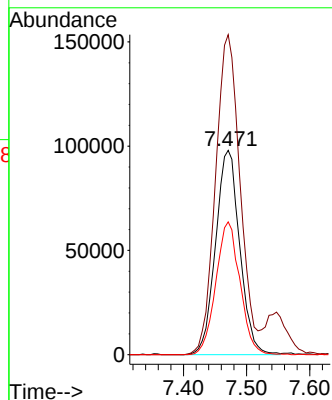
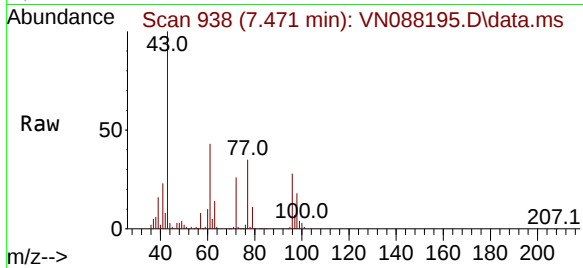




#27
 cis-1,2-Dichloroethene
 Concen: 53.321 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

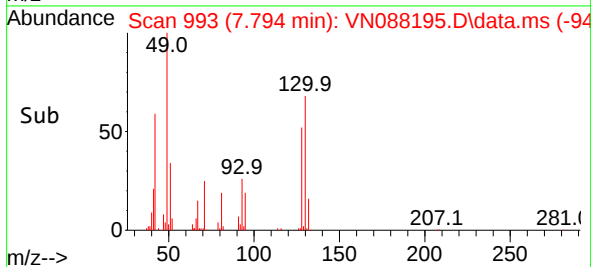
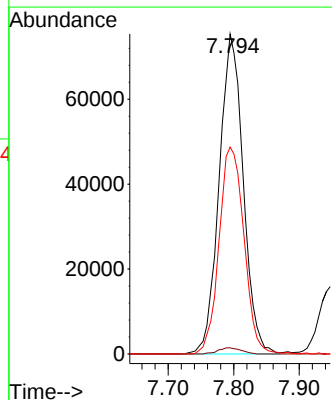
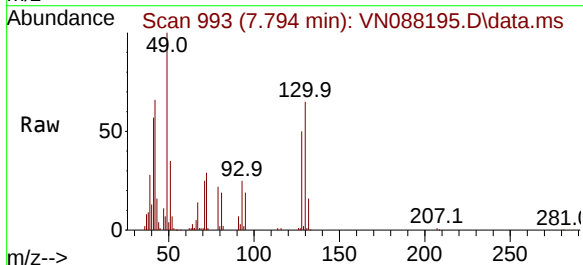
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

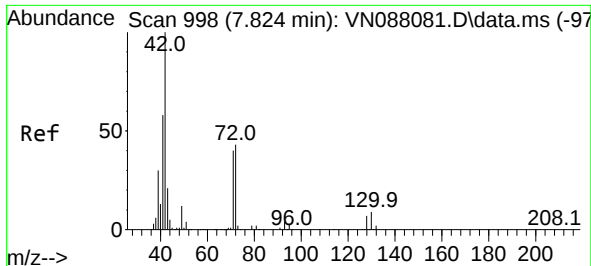
Tgt Ion: 96 Resp: 260702
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 301.8
 98 64.7 0.0 126.2



#28
 Bromochloromethane
 Concen: 51.332 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

Tgt Ion: 49 Resp: 191627
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 67.0 53.1 79.7





#29

Tetrahydrofuran

Concen: 278.106 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

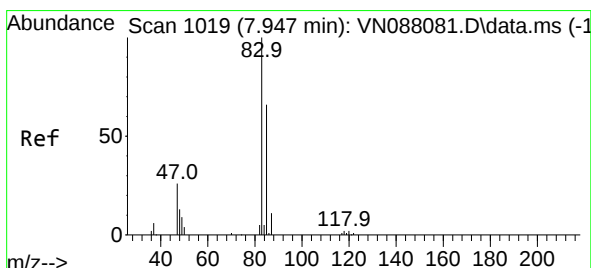
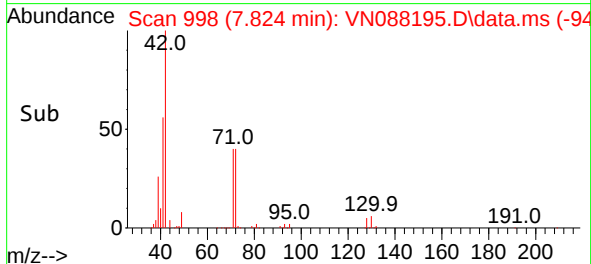
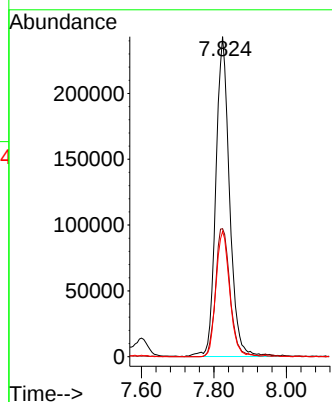
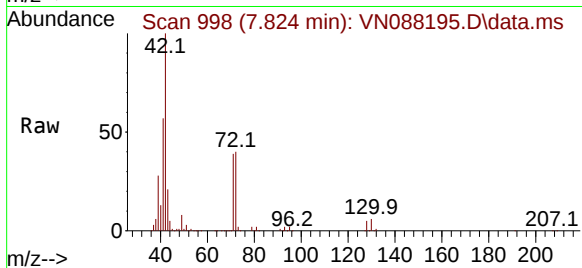
Tgt Ion: 42 Resp: 638767

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

71 39.4 31.9 47.9



#30

Chloroform

Concen: 56.046 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088195.D

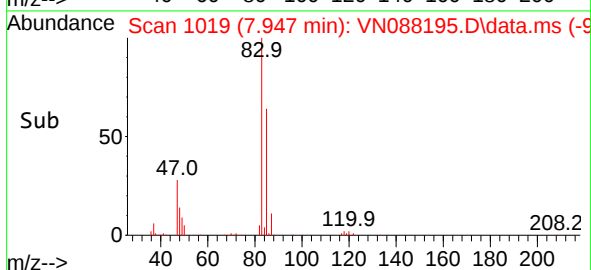
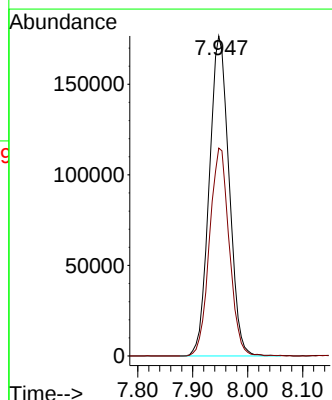
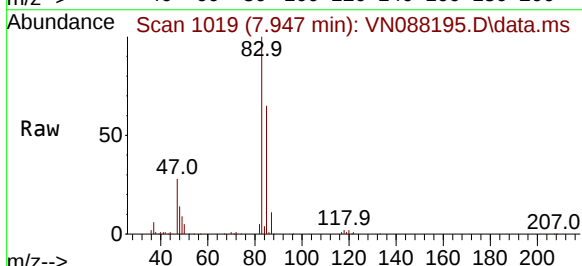
Acq: 31 Oct 2025 17:28

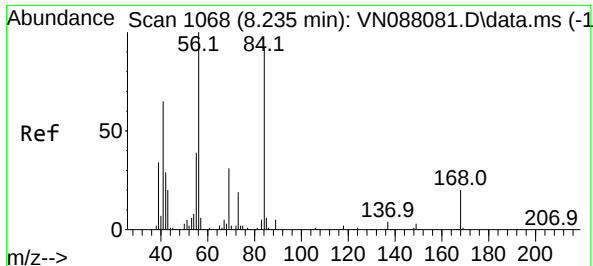
Tgt Ion: 83 Resp: 442363

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1

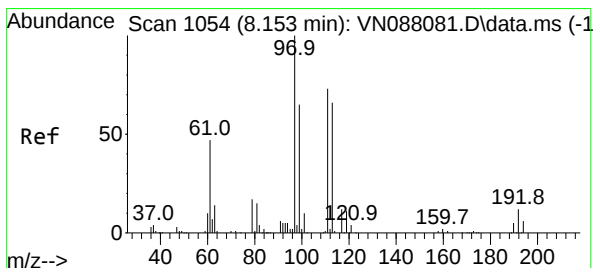
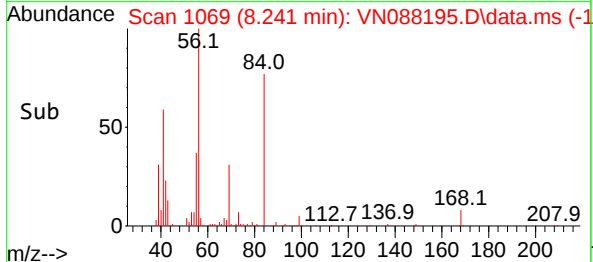
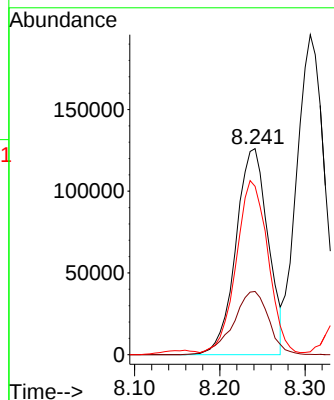
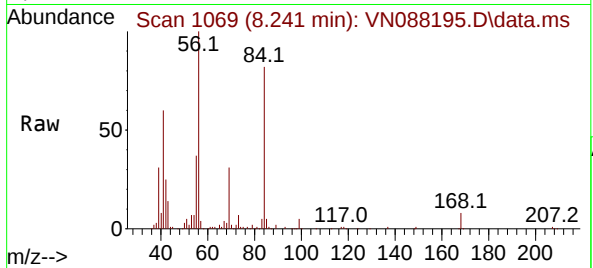




#31
Cyclohexane
Concen: 44.455 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

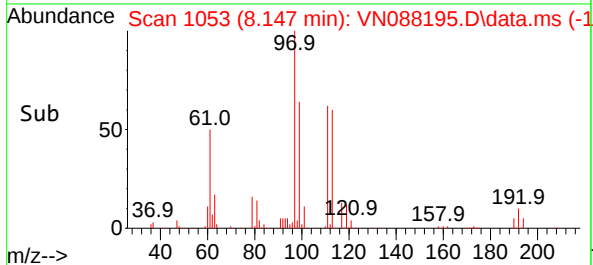
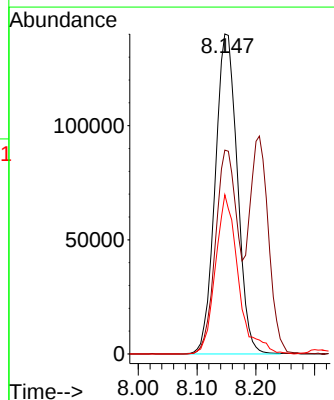
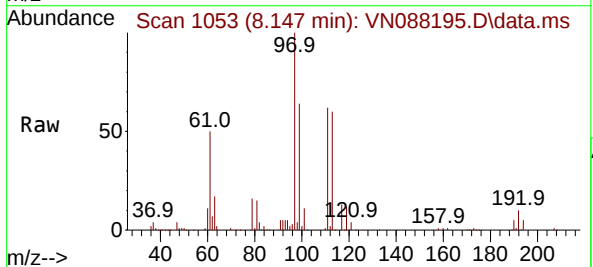
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

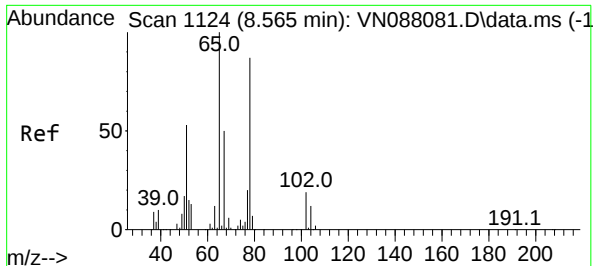
Tgt Ion: 56 Resp: 331254
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 79.8 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 52.177 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 97 Resp: 366791
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.2
61 51.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 57.660 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

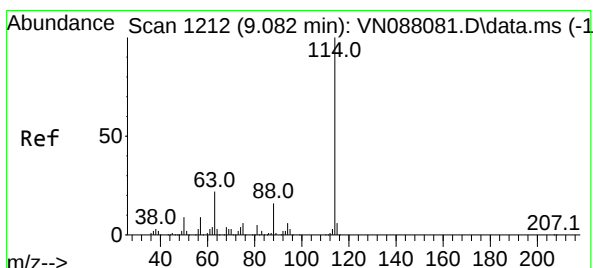
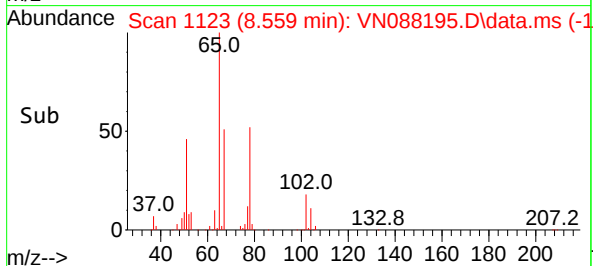
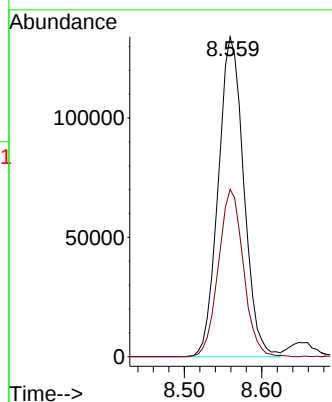
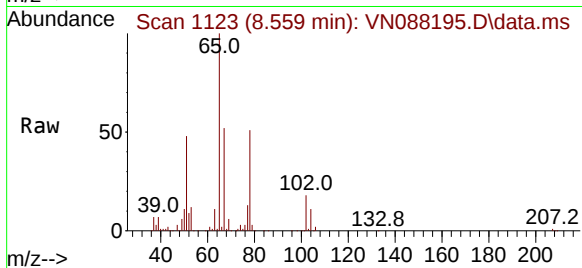
VSTDCCC050EC

Tgt Ion: 65 Resp: 306937

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

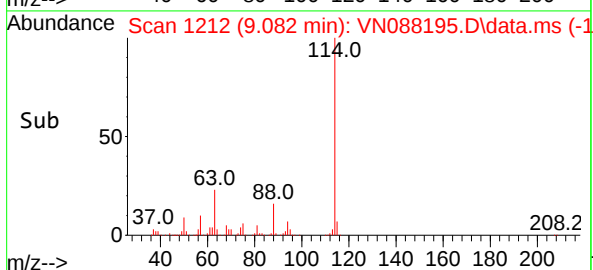
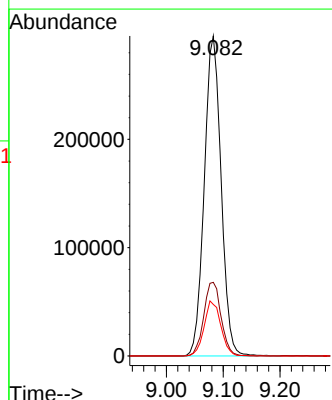
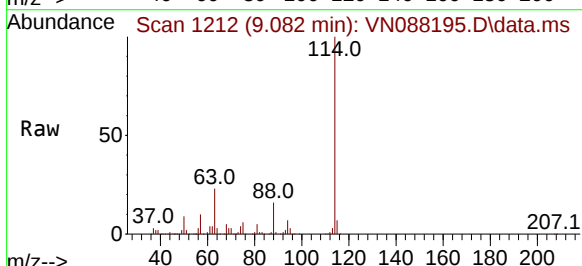
Tgt Ion: 114 Resp: 606321

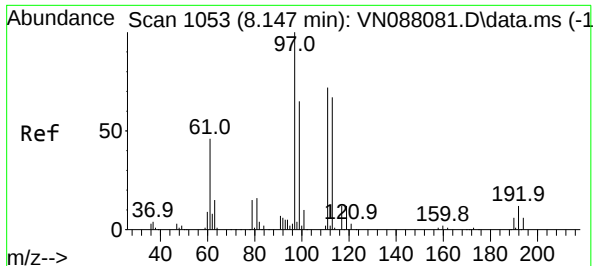
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.191 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

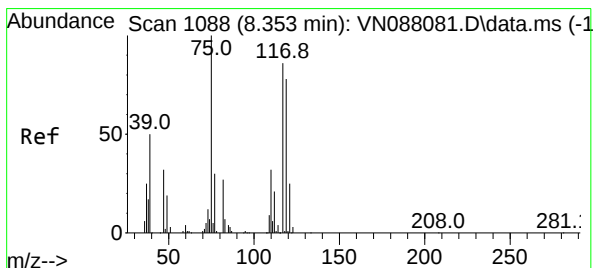
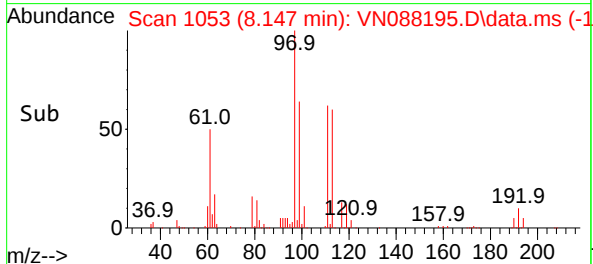
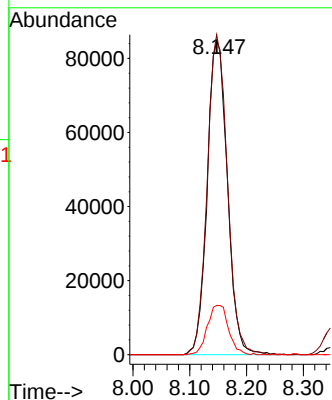
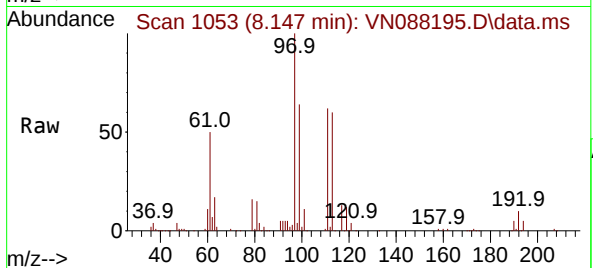
Tgt Ion:113 Resp: 208517

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 49.992 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

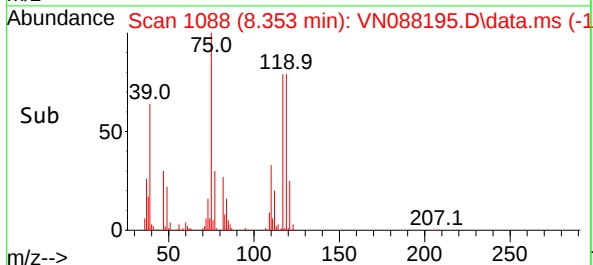
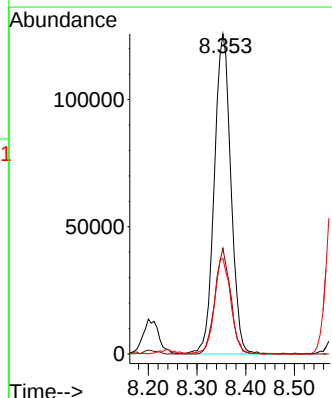
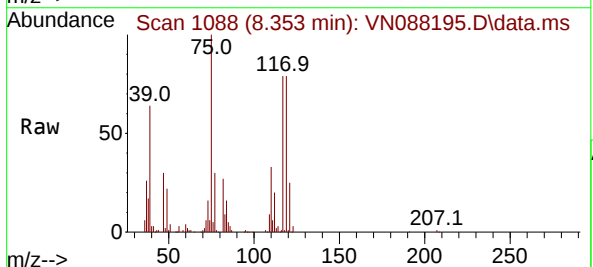
Tgt Ion: 75 Resp: 297324

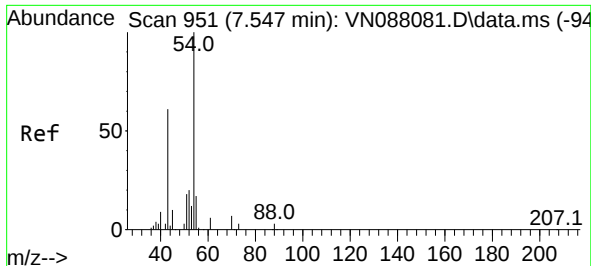
Ion Ratio Lower Upper

75 100

110 31.0 15.9 47.6

77 29.6 24.4 36.6

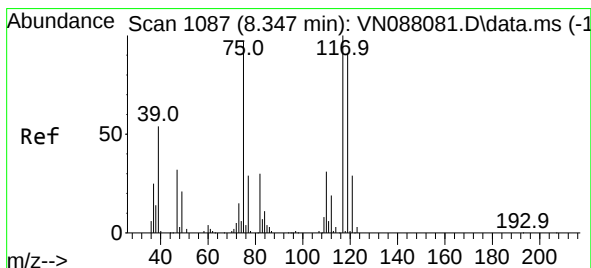
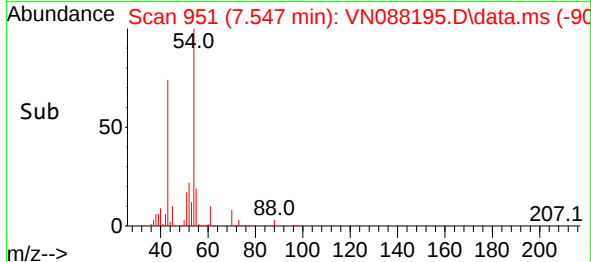
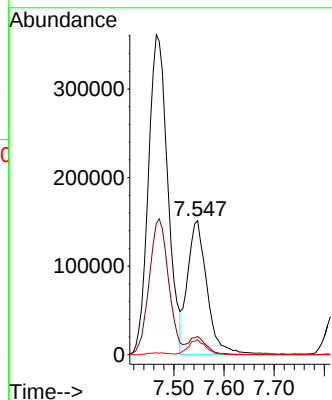
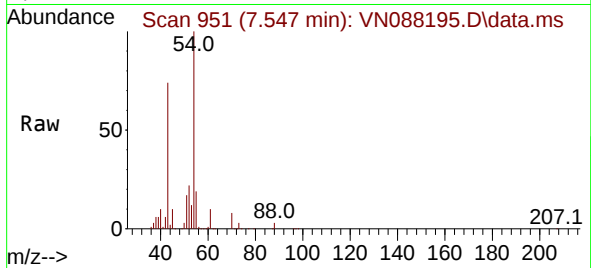




#37
Ethyl Acetate
Concen: 52.864 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

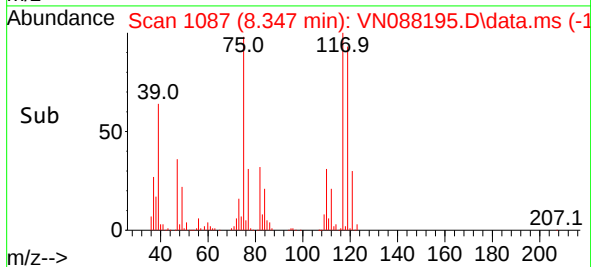
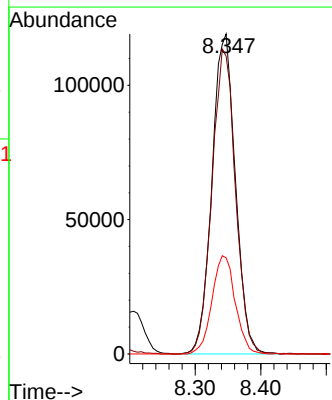
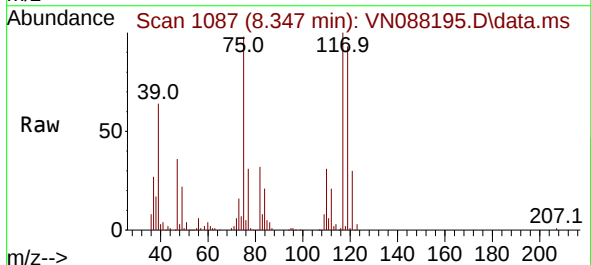
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

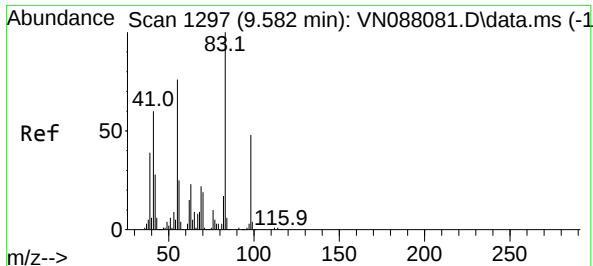
Tgt Ion: 43 Resp: 405740
Ion Ratio Lower Upper
43 100
61 11.9 9.3 13.9
70 10.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 48.081 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 117 Resp: 295350
Ion Ratio Lower Upper
117 100
119 93.1 79.0 118.6
121 30.0 25.0 37.6





#39

Methylcyclohexane

Concen: 36.859 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

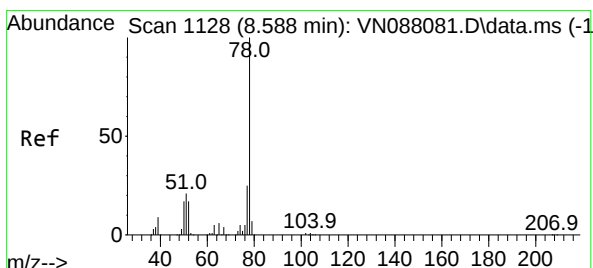
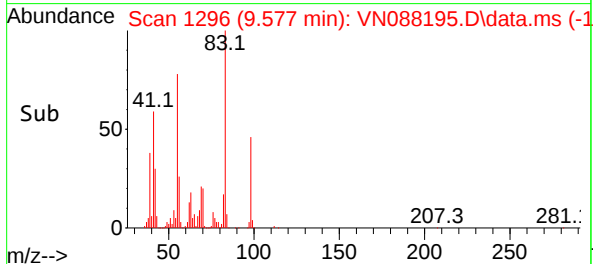
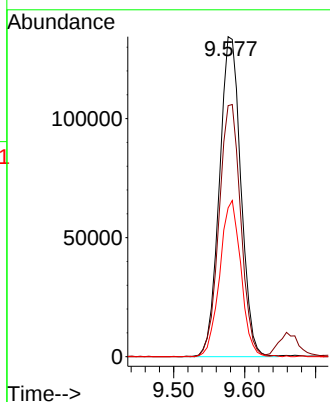
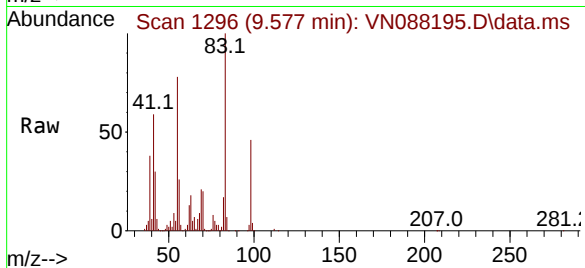
Tgt Ion: 83 Resp: 281777

Ion Ratio Lower Upper

83 100

55 78.5 64.6 96.8

98 46.5 38.4 57.6



#40

Benzene

Concen: 50.593 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088195.D

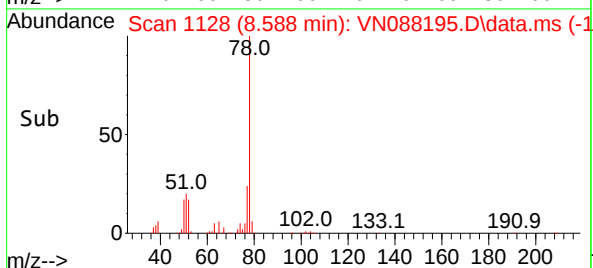
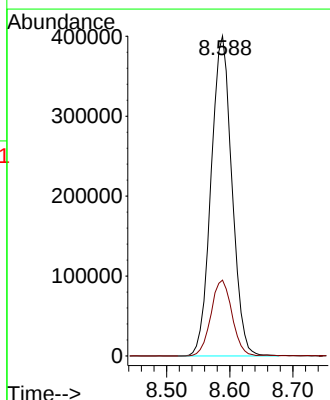
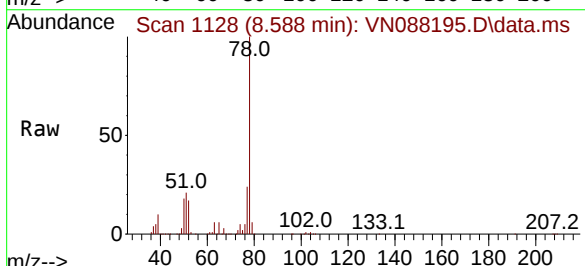
Acq: 31 Oct 2025 17:28

Tgt Ion: 78 Resp: 916381

Ion Ratio Lower Upper

78 100

77 23.7 19.7 29.5



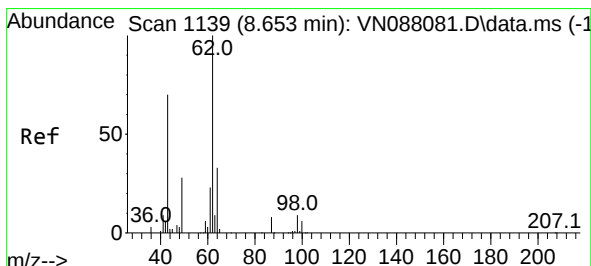
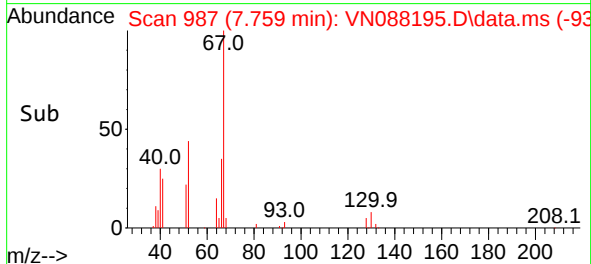
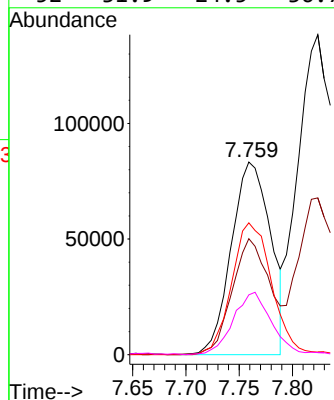
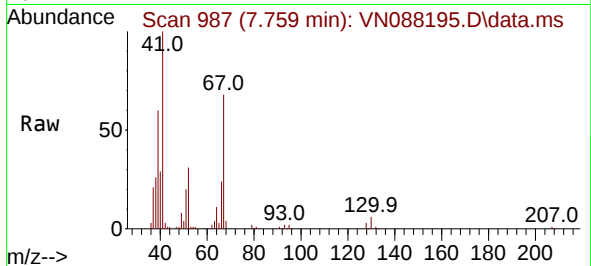


#41
Methacrylonitrile
Concen: 53.046 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 214283

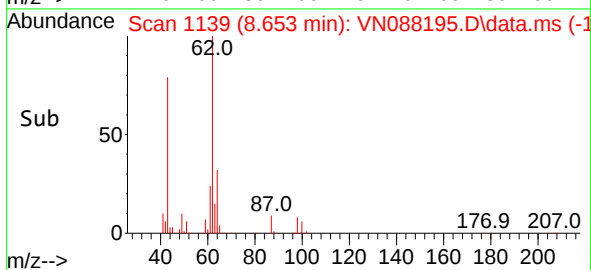
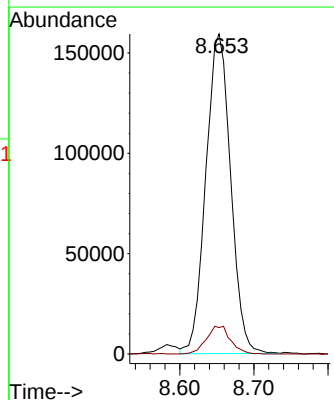
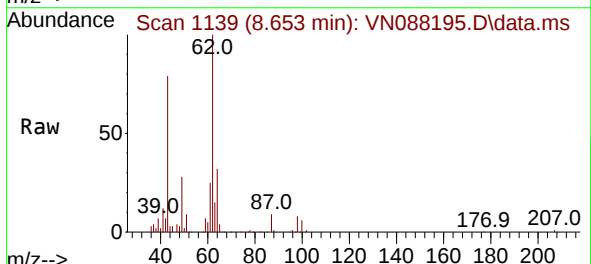
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.4	68.0
67	69.7	55.3	82.9
52	31.9	24.5	36.7

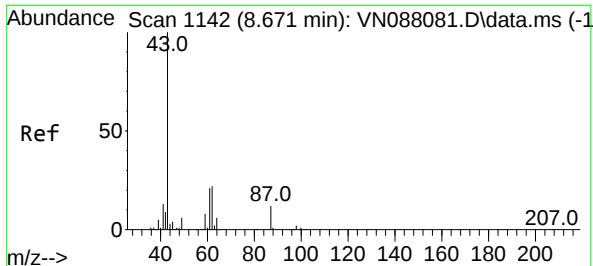


#42
1,2-Dichloroethane
Concen: 57.537 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 62 Resp: 370292

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4

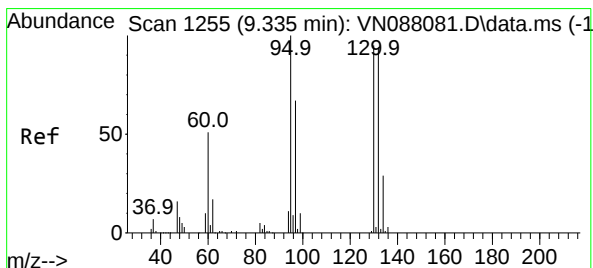
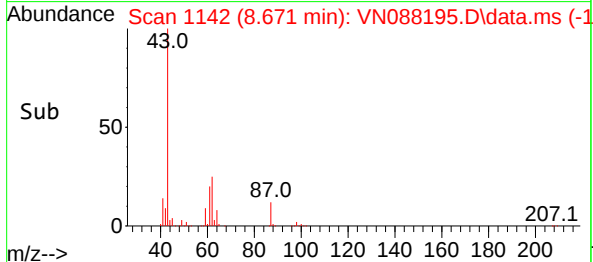
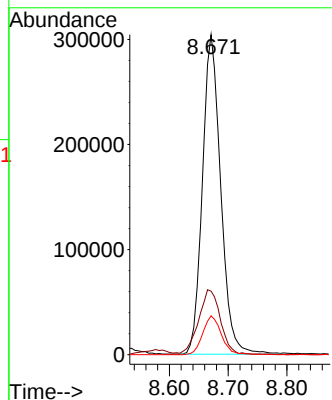
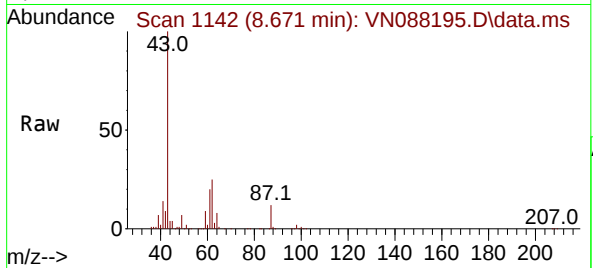




#43
Isopropyl Acetate
Concen: 55.841 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

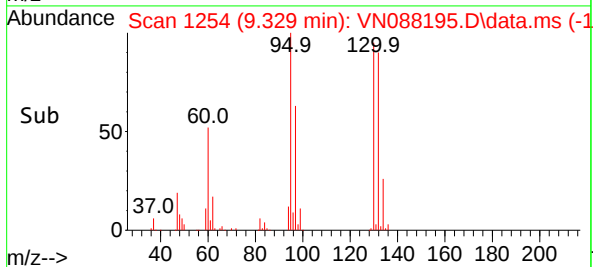
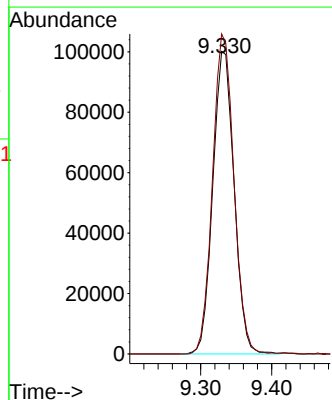
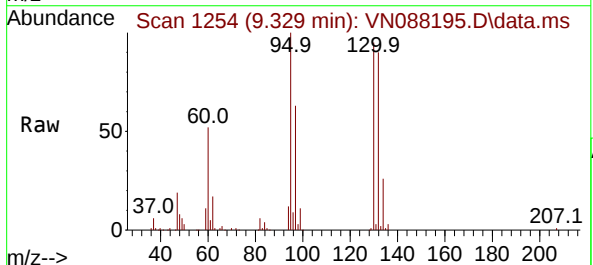
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

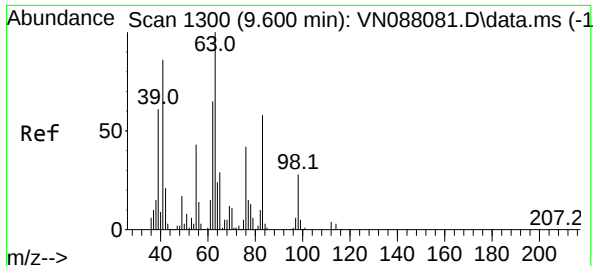
Tgt Ion: 43 Resp: 658576
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 12.4 9.6 14.4



#44
Trichloroethene
Concen: 49.229 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:130 Resp: 208418
Ion Ratio Lower Upper
130 100
95 105.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 52.123 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

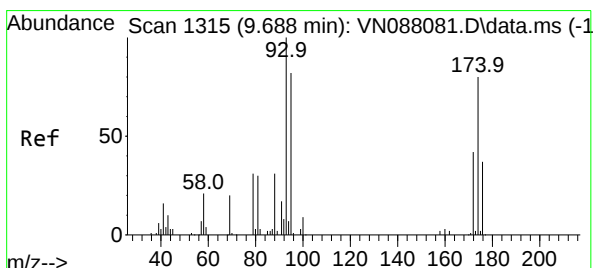
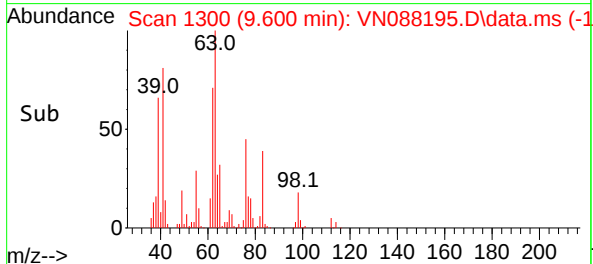
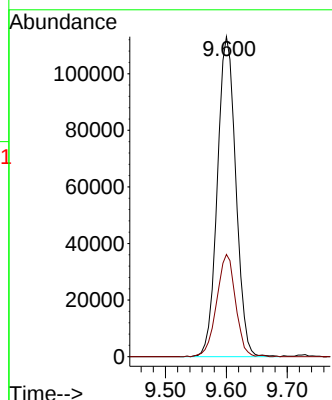
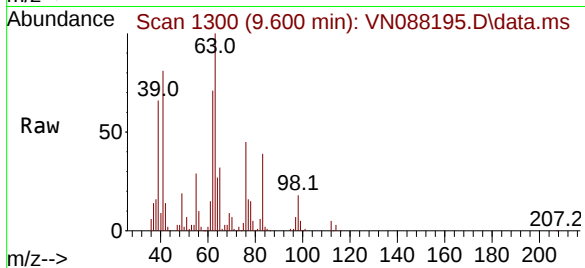
VSTDCCC050EC

Tgt Ion: 63 Resp: 238343

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4



#46

Dibromomethane

Concen: 53.707 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

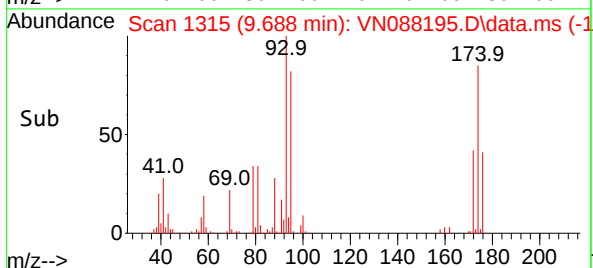
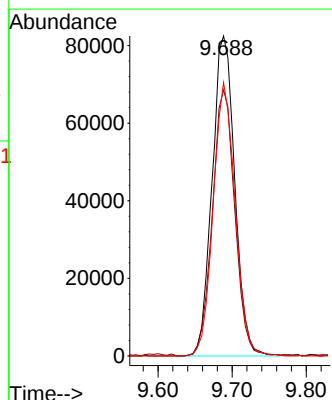
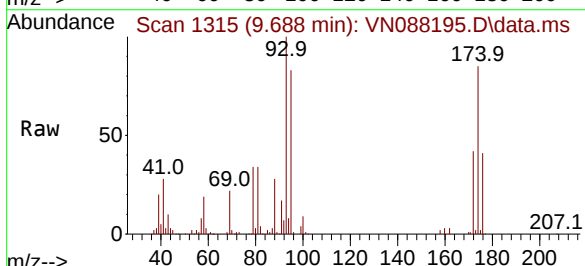
Tgt Ion: 93 Resp: 175156

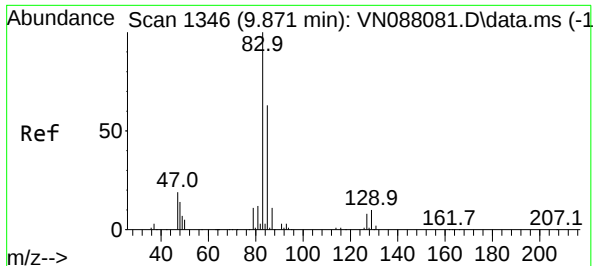
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 83.0 63.4 95.2

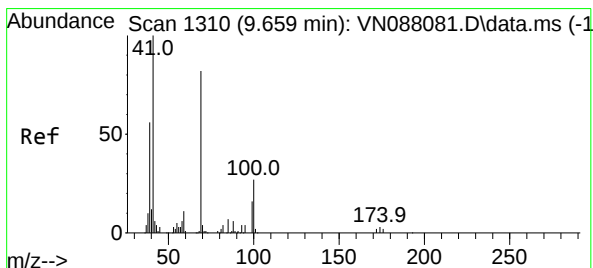
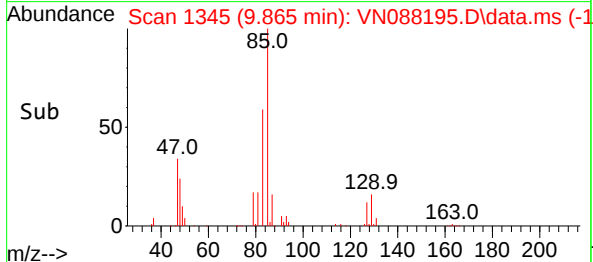
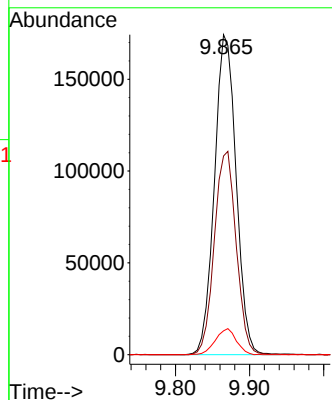
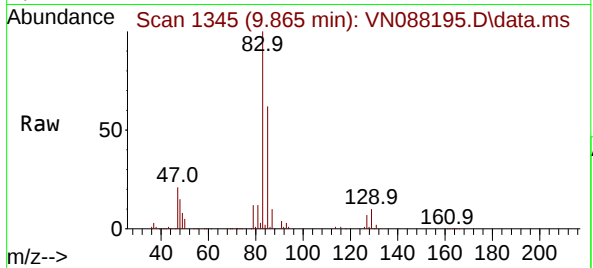




#47
Bromodichloromethane
Concen: 54.236 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

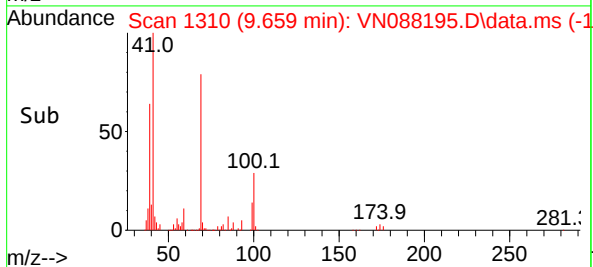
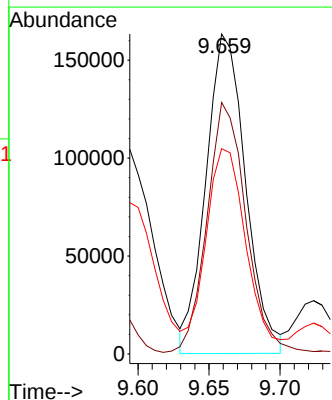
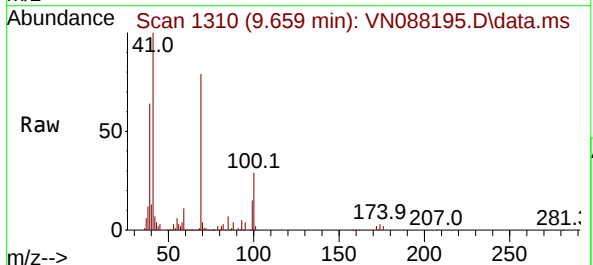
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

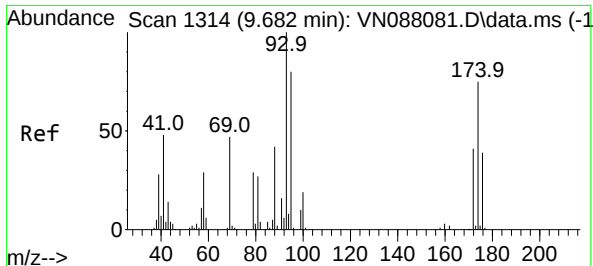
Tgt Ion: 83 Resp: 354135
Ion Ratio Lower Upper
83 100
85 62.1 52.5 78.7
127 7.4 5.8 8.6



#48
Methyl methacrylate
Concen: 58.236 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 41 Resp: 317092
Ion Ratio Lower Upper
41 100
69 78.4 62.7 94.1
39 65.4 52.9 79.3





#49

1,4-Dioxane

Concen: 936.727 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

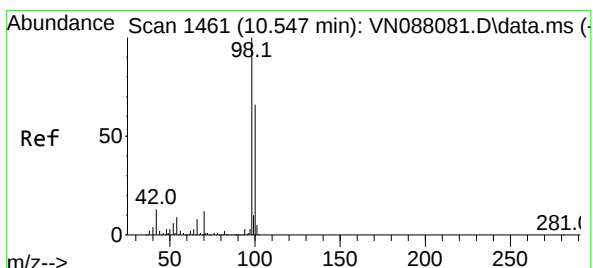
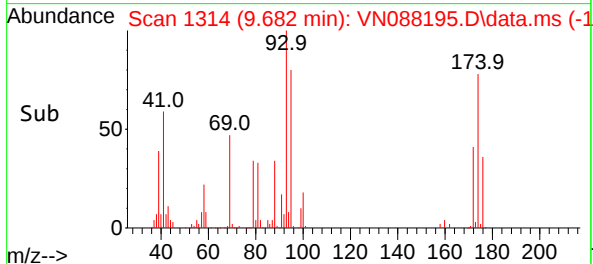
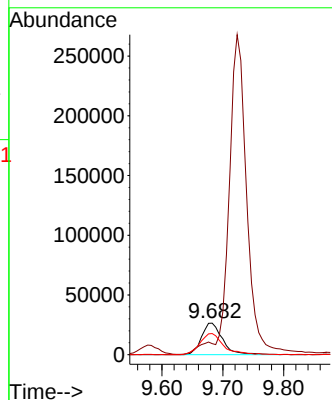
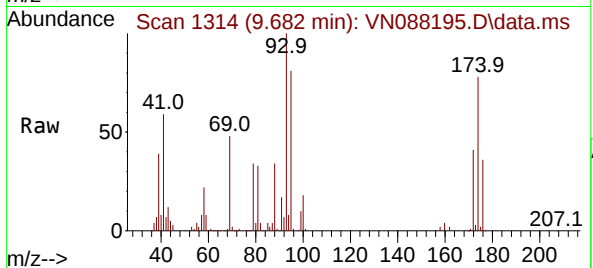
Tgt Ion: 88 Resp: 63436

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.0 57.9 86.9



#50

Toluene-d8

Concen: 49.031 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088195.D

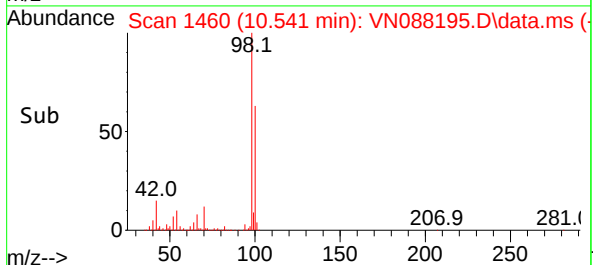
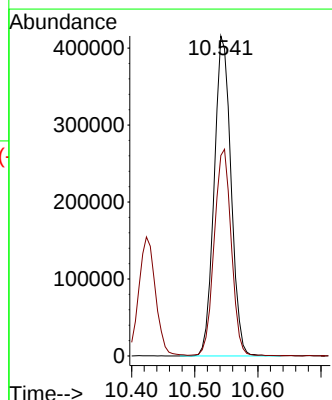
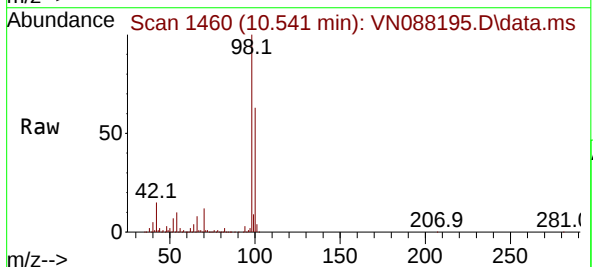
Acq: 31 Oct 2025 17:28

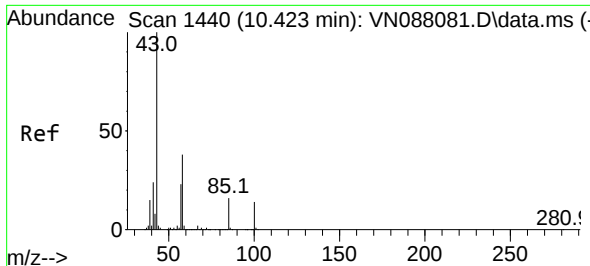
Tgt Ion: 98 Resp: 769554

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2

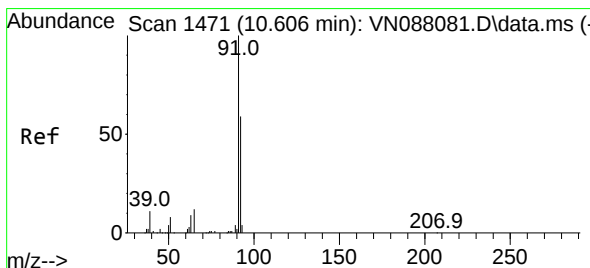
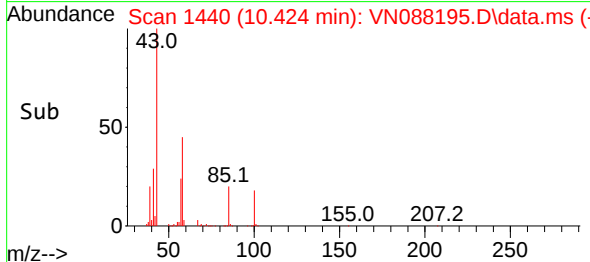
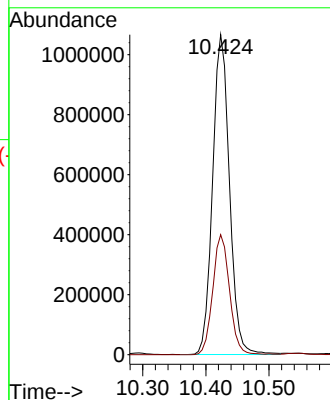
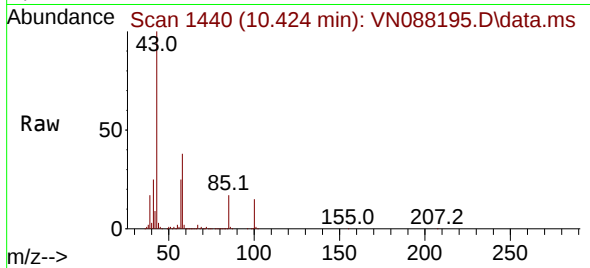




#51
4-Methyl-2-Pentanone
Concen: 283.318 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

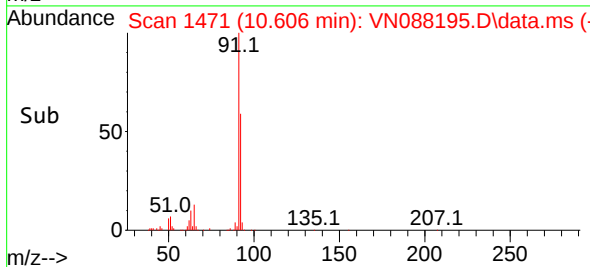
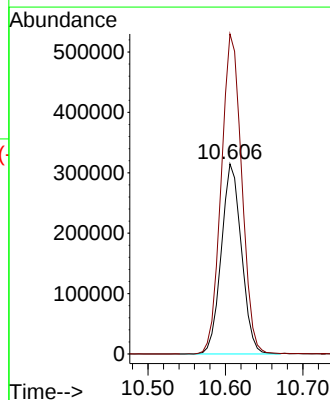
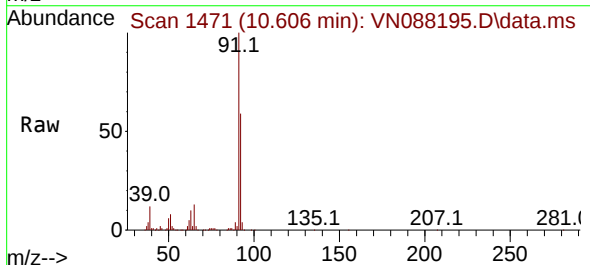
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

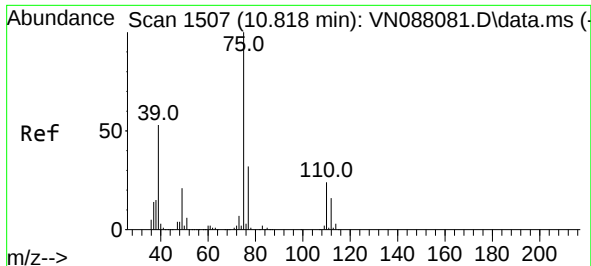
Tgt Ion: 43 Resp: 1976711
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4



#52
Toluene
Concen: 50.988 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 92 Resp: 569397
Ion Ratio Lower Upper
92 100
91 171.8 140.4 210.6

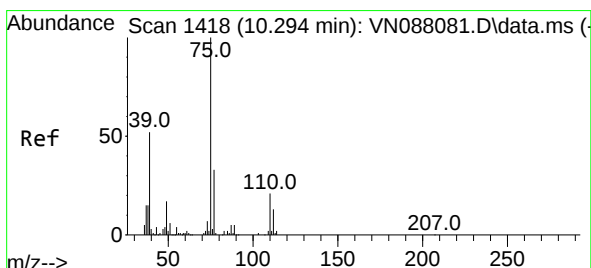
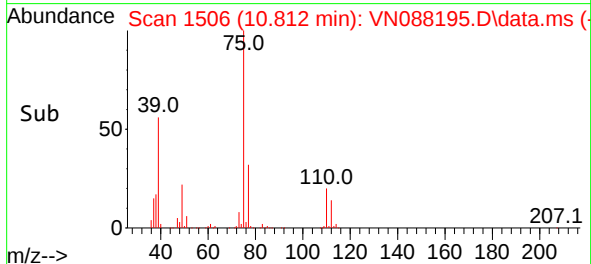
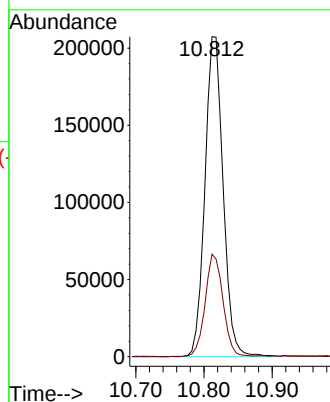
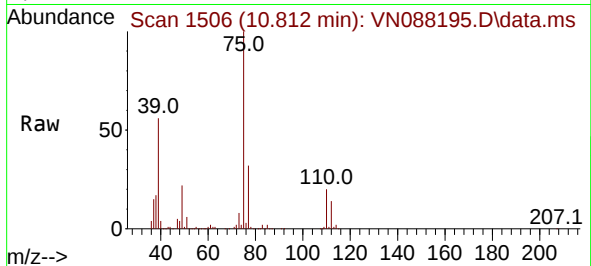




#53
t-1,3-Dichloropropene
Concen: 55.480 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

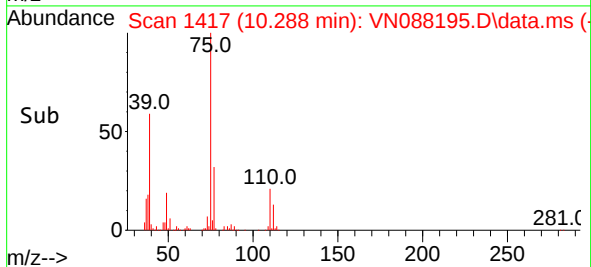
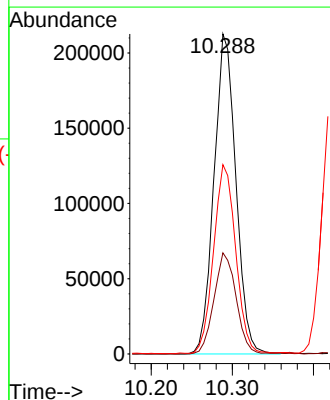
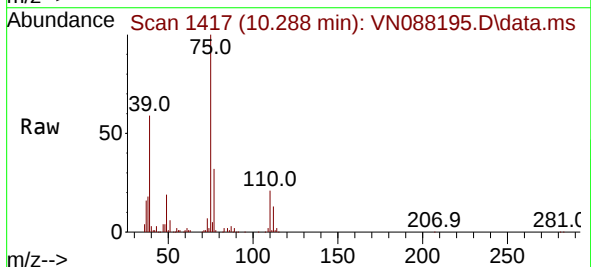
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

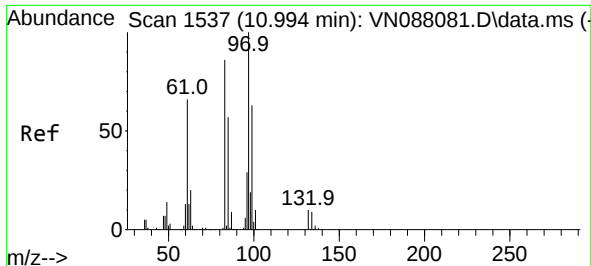
Tgt Ion: 75 Resp: 385558
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 54.075 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 75 Resp: 398766
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 58.9 45.2 67.8



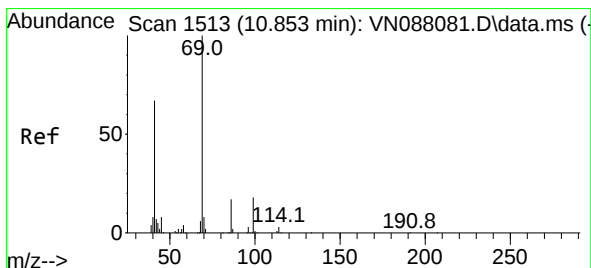
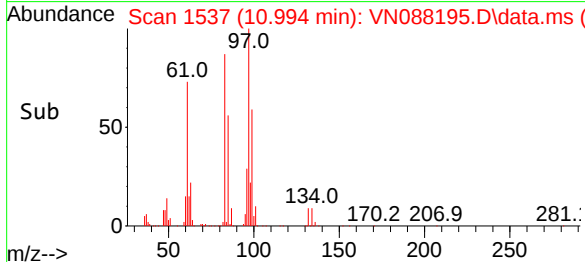
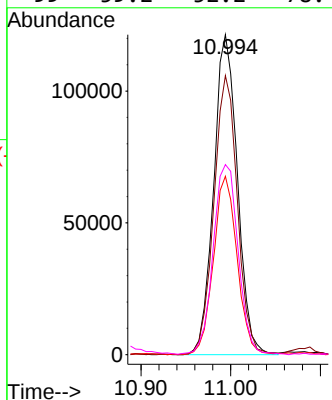
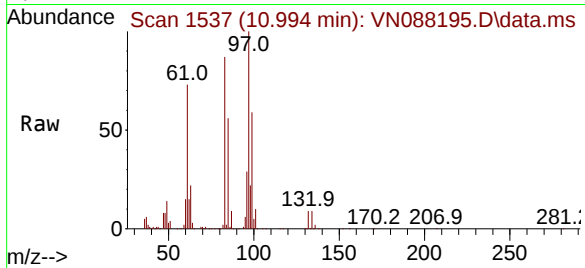


#55
1,1,2-Trichloroethane
Concen: 52.580 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 222770

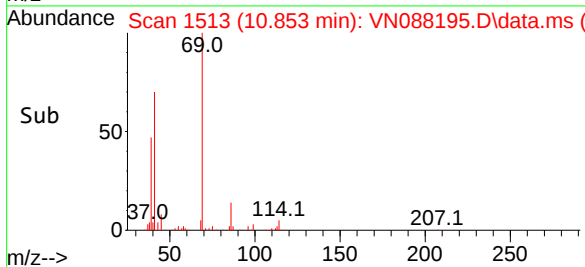
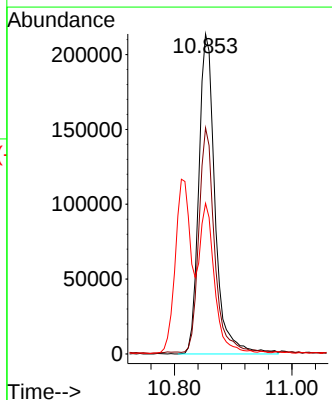
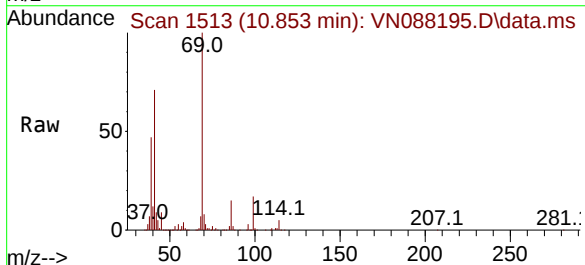
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.4
85	55.8	45.5	68.3
99	59.2	52.2	78.4

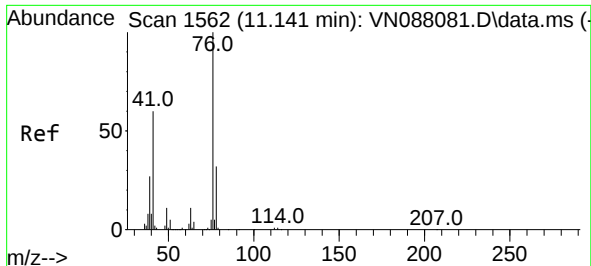


#56
Ethyl methacrylate
Concen: 61.198 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 69 Resp: 410315

Ion	Ratio	Lower	Upper
69	100		
41	67.6	56.5	84.7
39	42.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 54.948 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

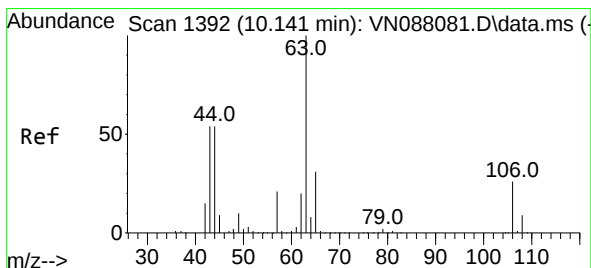
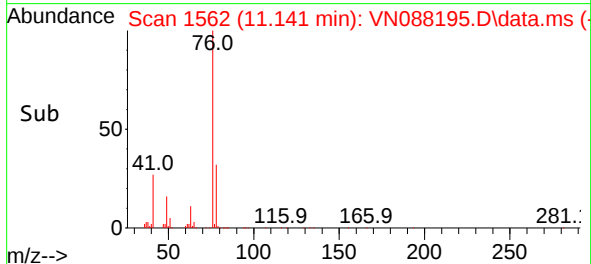
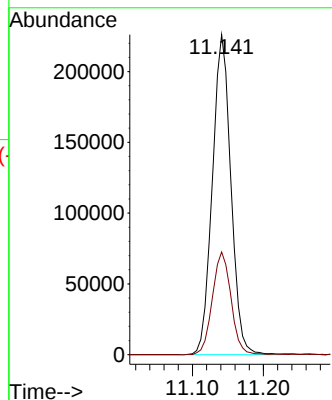
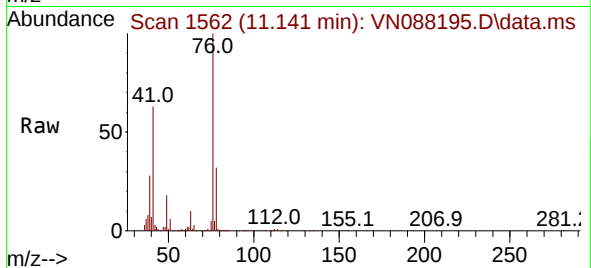
VSTDCCC050EC

Tgt Ion: 76 Resp: 409197

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 320.901 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088195.D

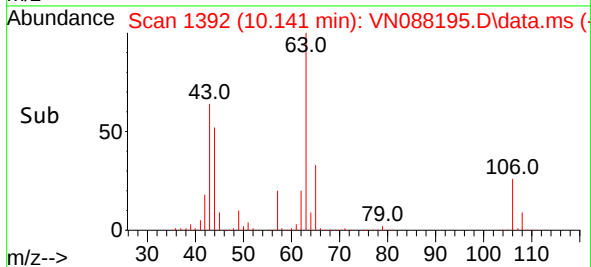
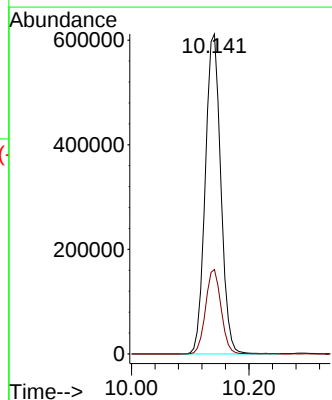
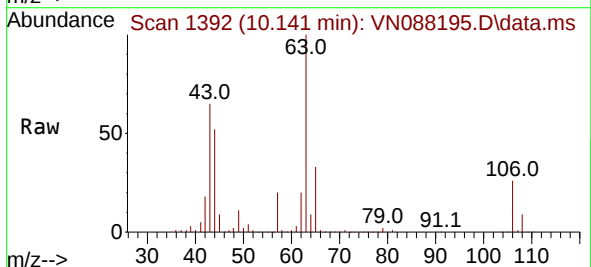
Acq: 31 Oct 2025 17:28

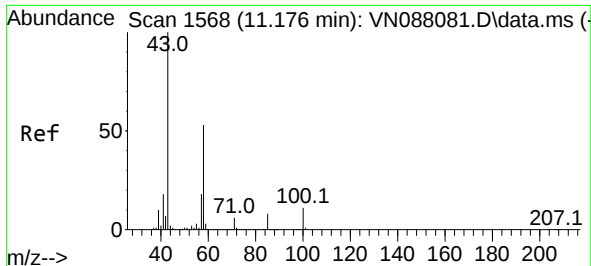
Tgt Ion: 63 Resp: 1119142

Ion Ratio Lower Upper

63 100

106 26.4 21.1 31.7

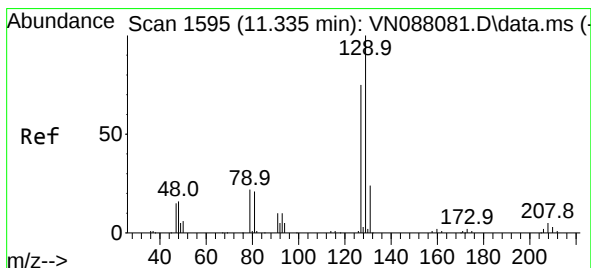
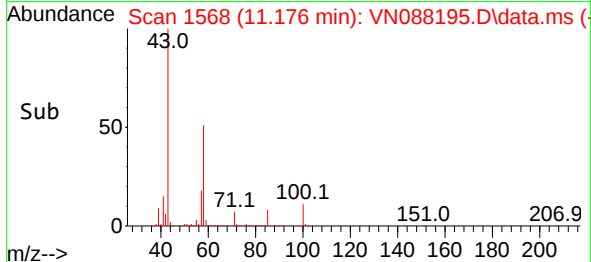
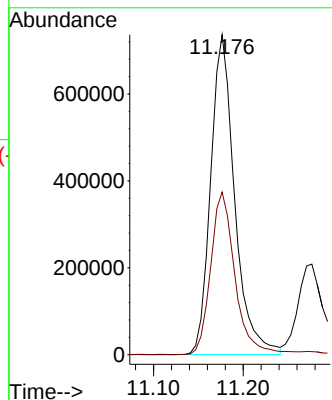
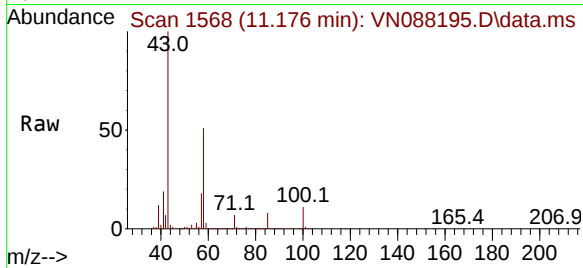




#59
2-Hexanone
Concen: 294.910 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

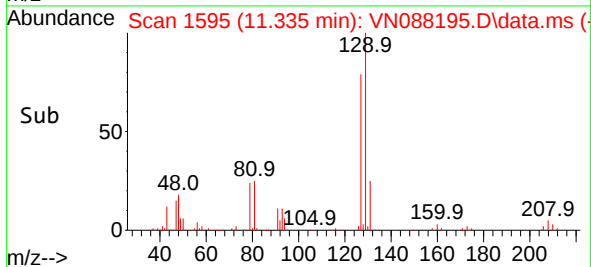
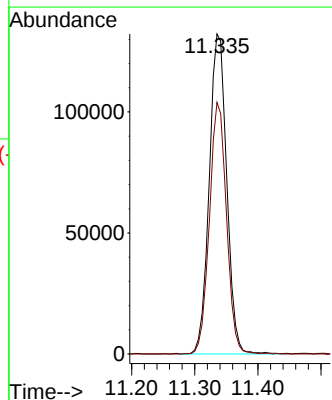
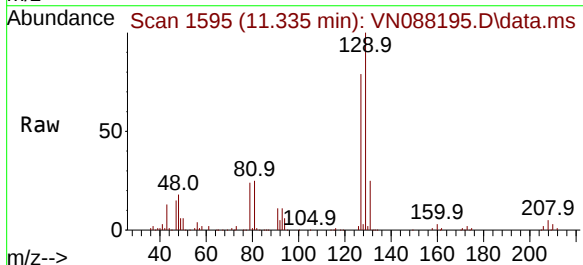
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

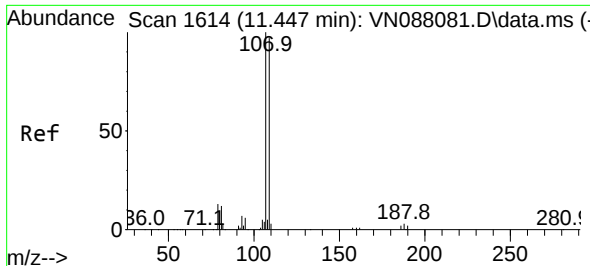
Tgt Ion: 43 Resp: 1364954
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 52.810 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:129 Resp: 254310
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

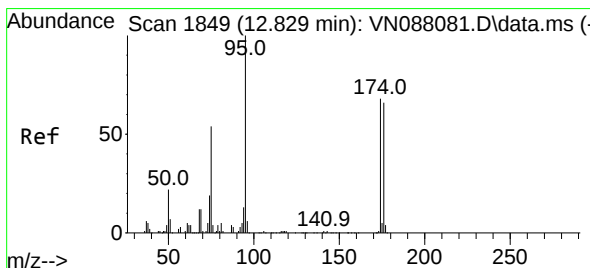
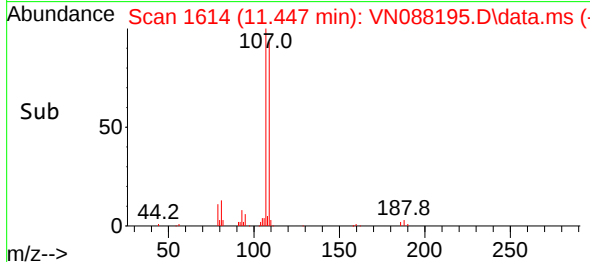
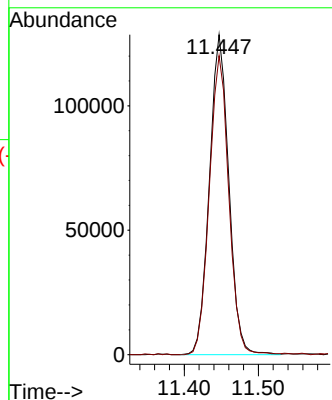
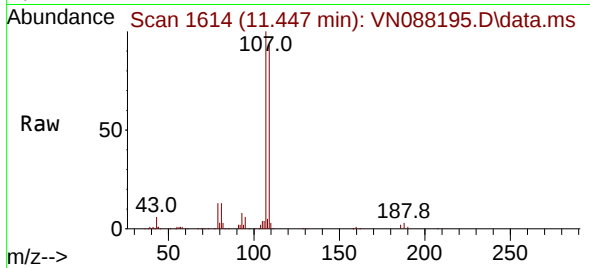




#61
1,2-Dibromoethane
Concen: 53.599 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

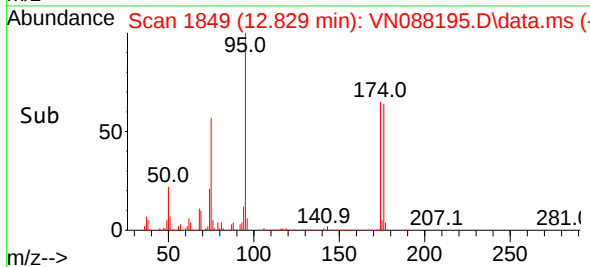
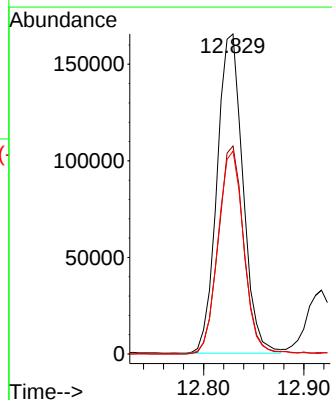
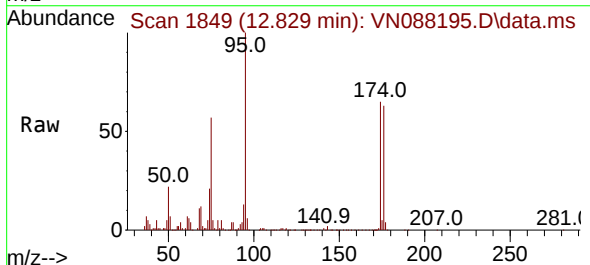
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

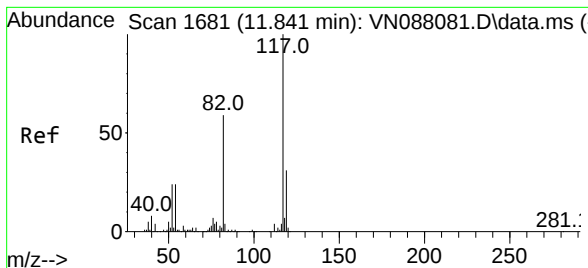
Tgt Ion:107 Resp: 233711
Ion Ratio Lower Upper
107 100
109 93.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 53.387 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 95 Resp: 295919
Ion Ratio Lower Upper
95 100
174 64.2 0.0 138.4
176 63.7 0.0 132.6

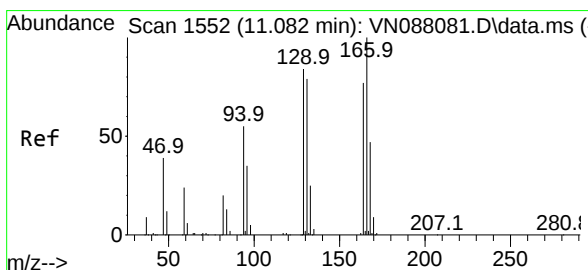
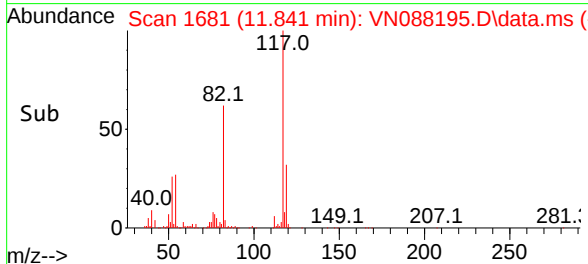
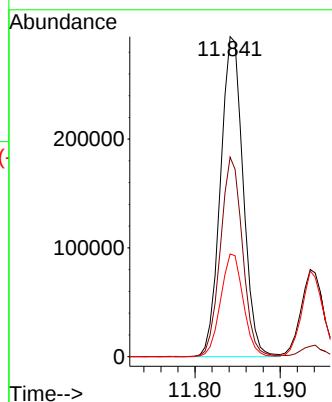
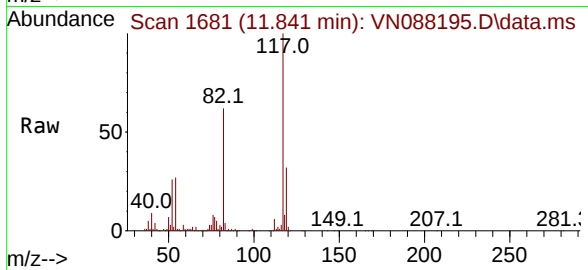




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

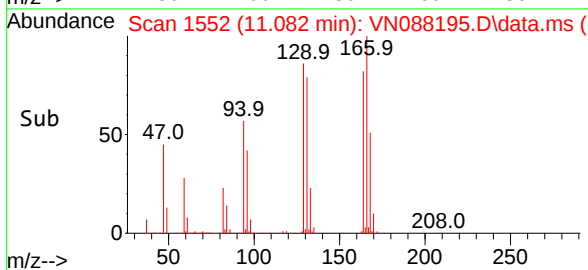
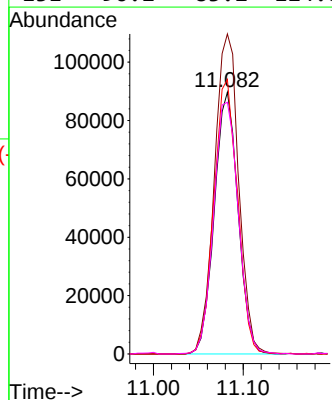
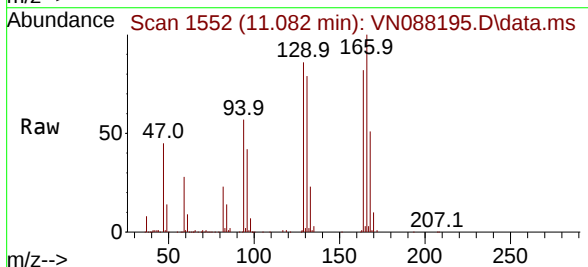
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

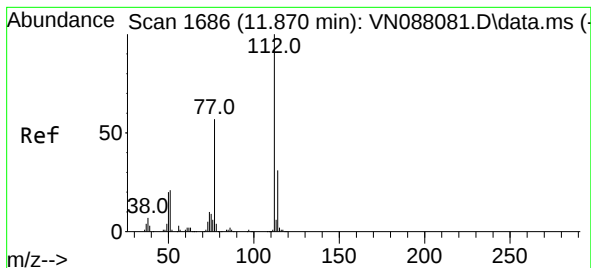
Tgt Ion:117 Resp: 543749
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 32.0 24.3 36.5



#64
Tetrachloroethene
Concen: 45.696 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:164 Resp: 163896
Ion Ratio Lower Upper
164 100
166 122.2 97.7 146.5
129 104.9 85.9 128.9
131 96.2 83.2 124.8





#65

Chlorobenzene

Concen: 49.885 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

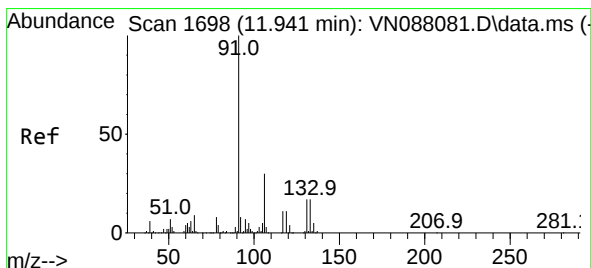
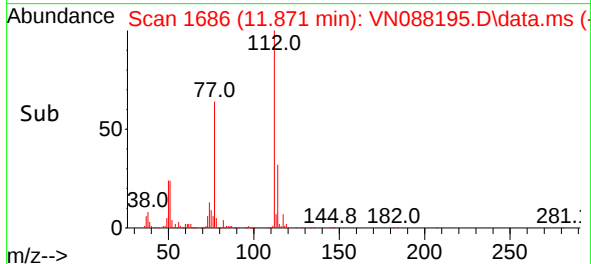
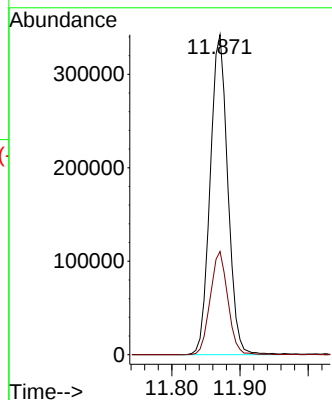
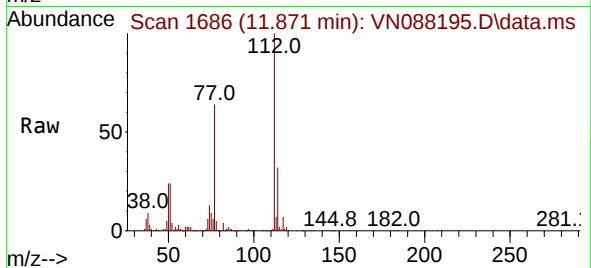
VSTDCCC050EC

Tgt Ion:112 Resp: 615917

Ion Ratio Lower Upper

112 100

114 32.2 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.830 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

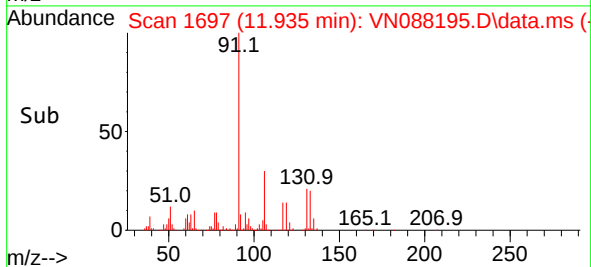
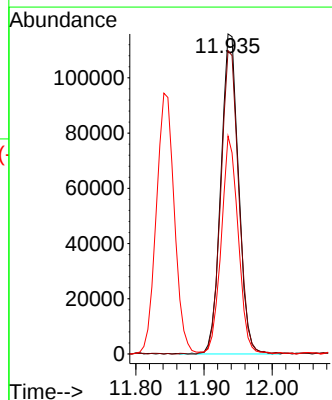
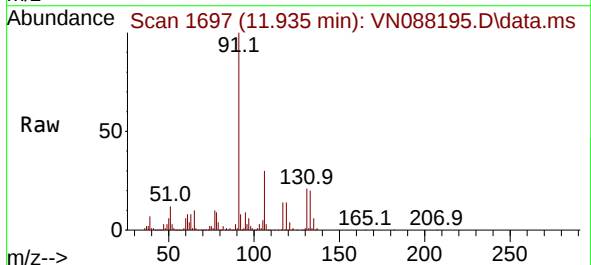
Tgt Ion:131 Resp: 209655

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.0

119 64.8 32.6 97.7

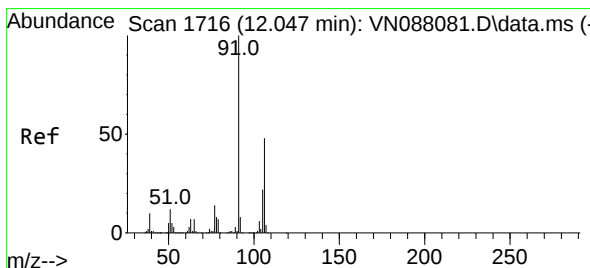
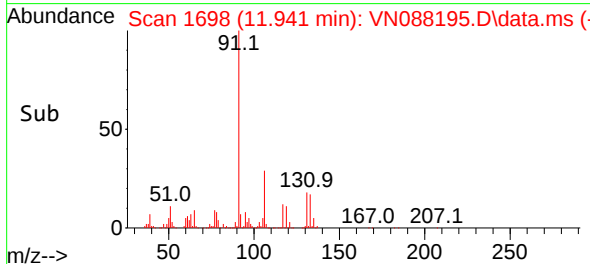
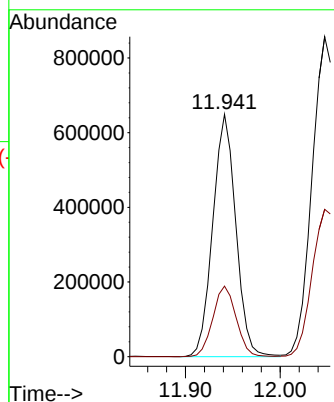
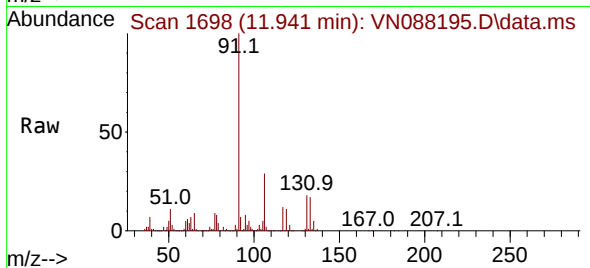




#67
Ethyl Benzene
Concen: 50.550 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

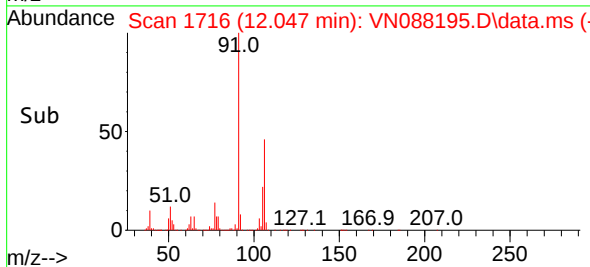
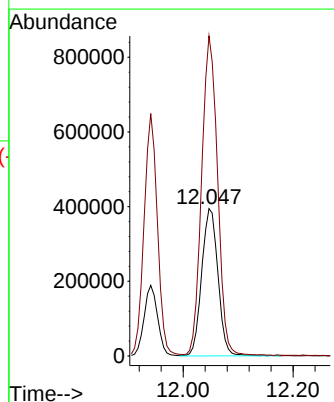
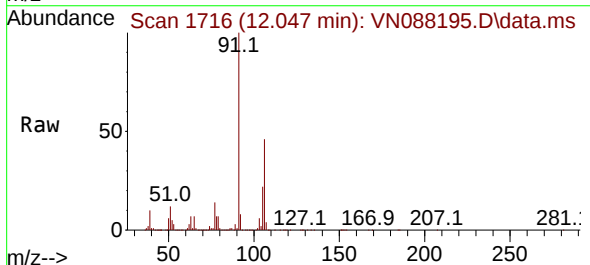
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

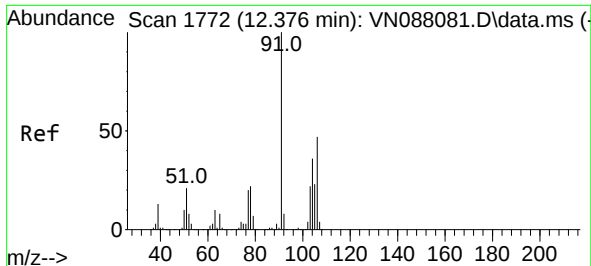
Tgt Ion: 91 Resp: 1095545
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 99.492 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 106 Resp: 807907
Ion Ratio Lower Upper
106 100
91 213.4 169.3 253.9

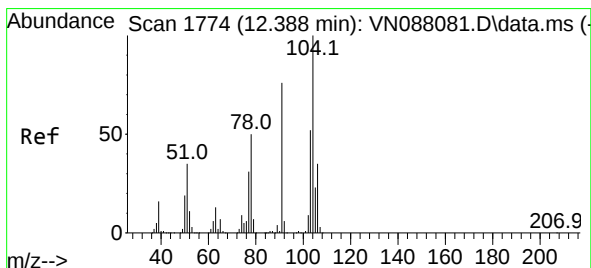
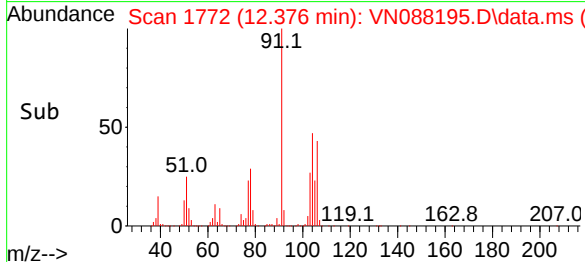
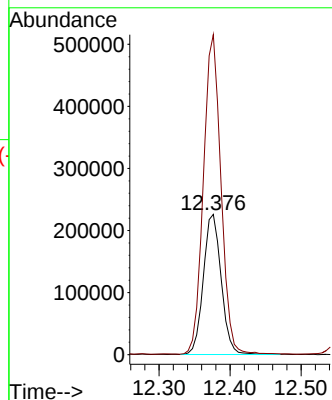
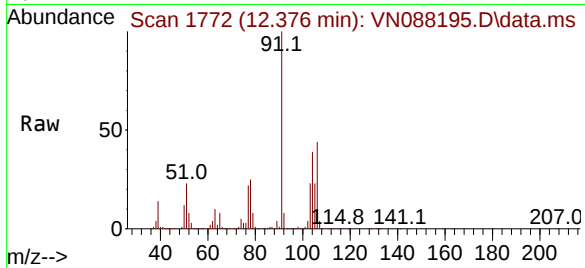




#69
o-Xylene
Concen: 51.424 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

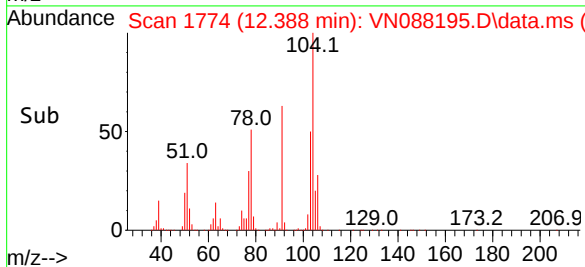
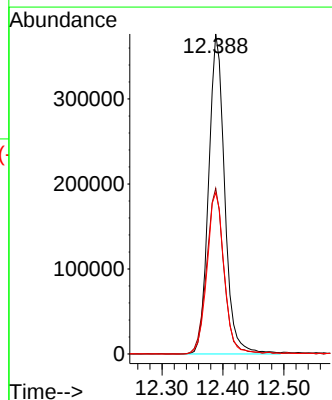
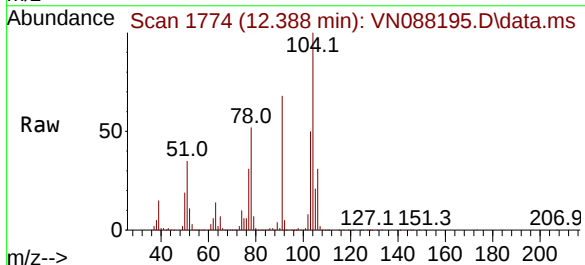
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

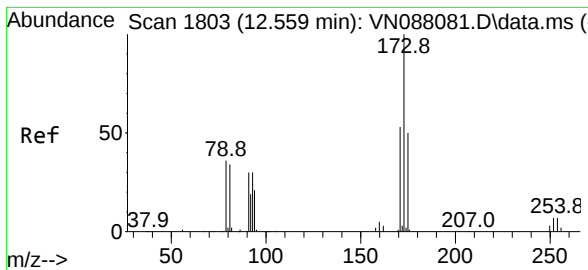
Tgt Ion:106 Resp: 395848
Ion Ratio Lower Upper
106 100
91 224.1 111.4 334.2



#70
Styrene
Concen: 55.030 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:104 Resp: 690776
Ion Ratio Lower Upper
104 100
78 55.4 42.2 63.2
103 53.7 43.4 65.2

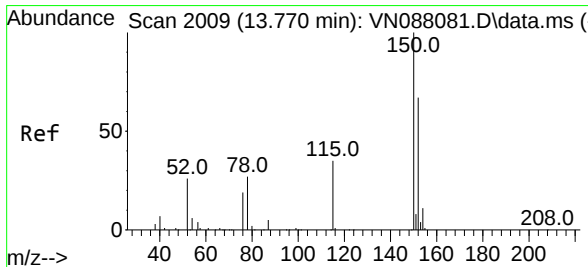
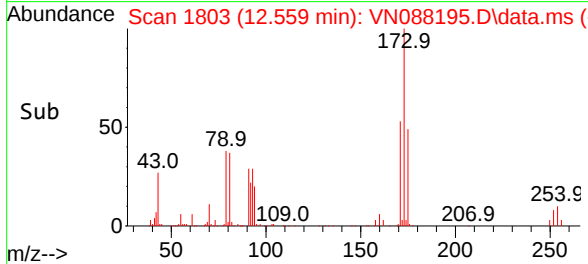
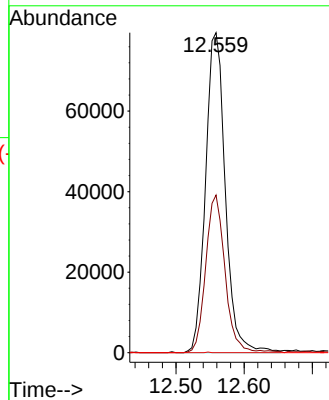
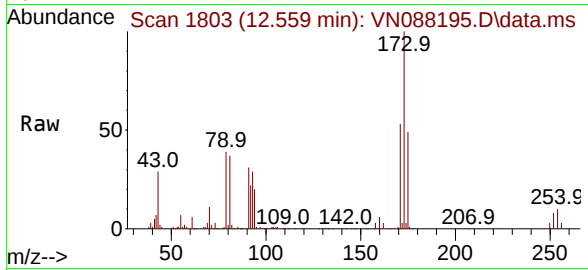




#71
Bromoform
Concen: 53.118 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

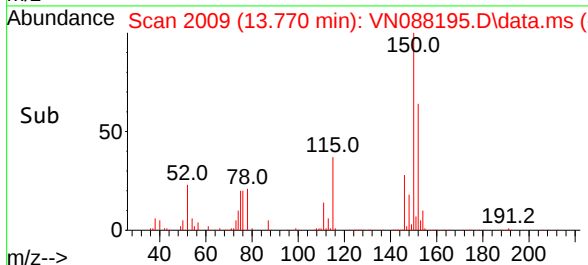
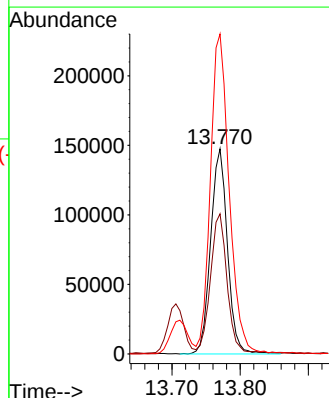
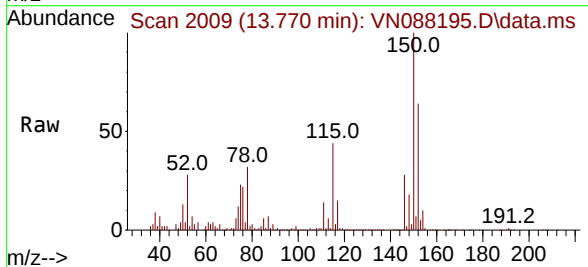
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

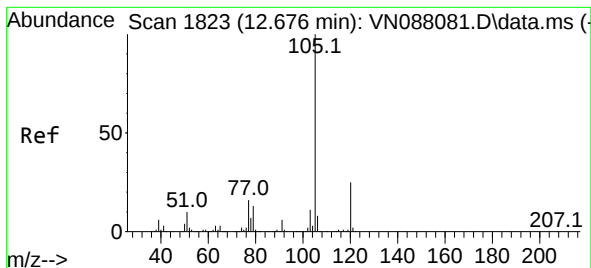
Tgt Ion:173 Resp: 160350
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:152 Resp: 254140
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 173.9 0.0 351.0





#73

Isopropylbenzene

Concen: 49.597 ug/l

RT: 12.670 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

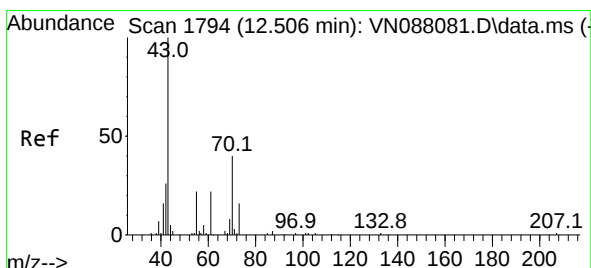
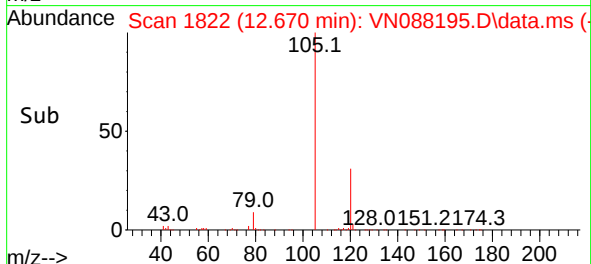
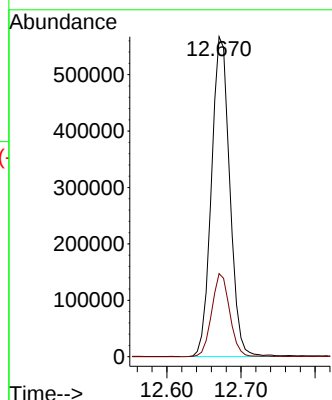
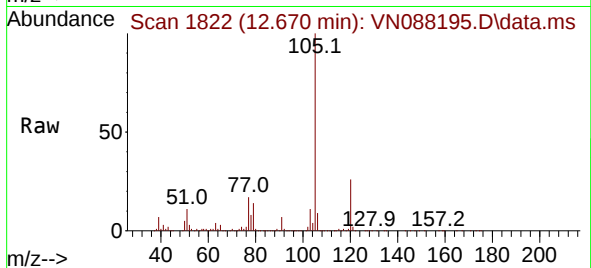
VSTDCCC050EC

Tgt Ion:105 Resp: 972157

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 49.087 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Tgt Ion: 43 Resp: 273133

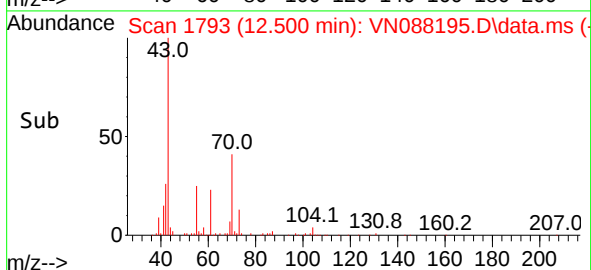
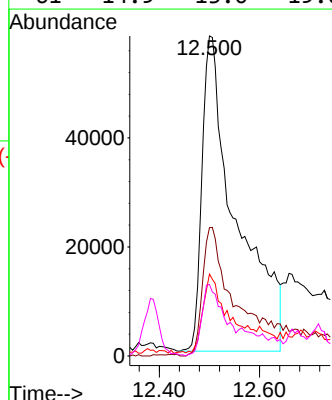
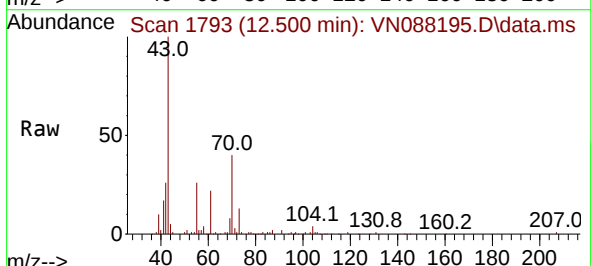
Ion Ratio Lower Upper

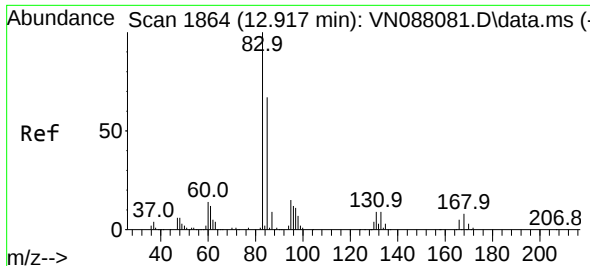
43 100

70 43.0 27.6 41.4#

55 19.8 13.0 19.6#

61 14.9 13.0 19.6

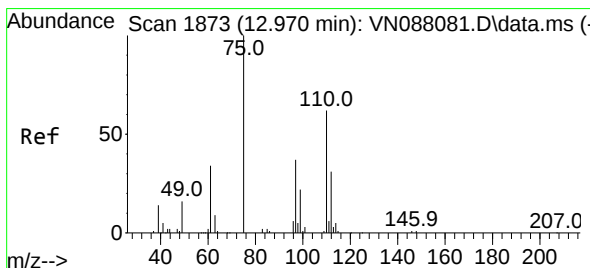
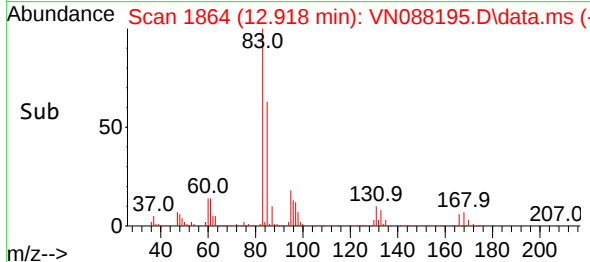
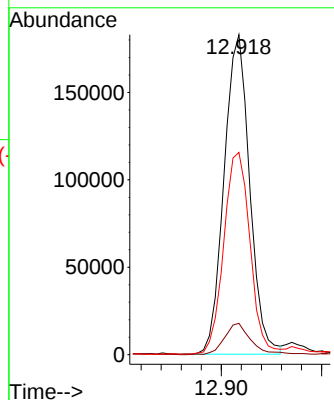
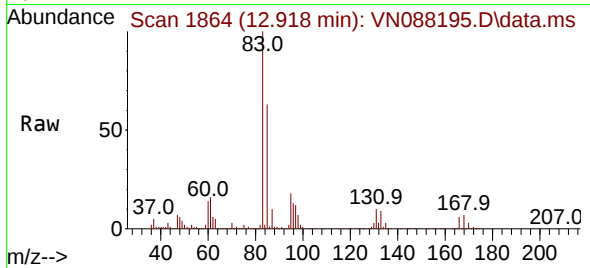




#75
 1,1,2-Tetrachloroethane
 Concen: 53.186 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

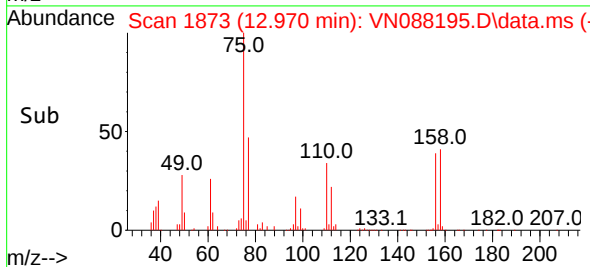
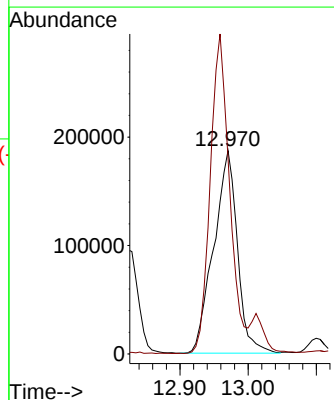
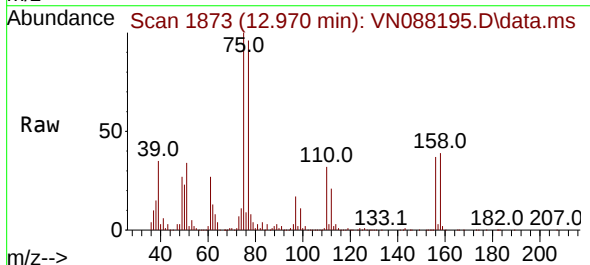
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

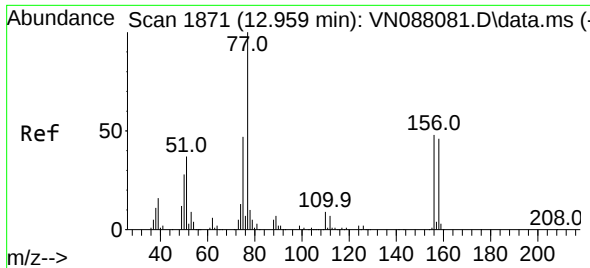
Tgt Ion: 83 Resp: 324566
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.8 14.4
 85 64.6 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 77.860 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

Tgt Ion: 75 Resp: 452401
 Ion Ratio Lower Upper
 75 100
 77 128.8 89.1 267.4

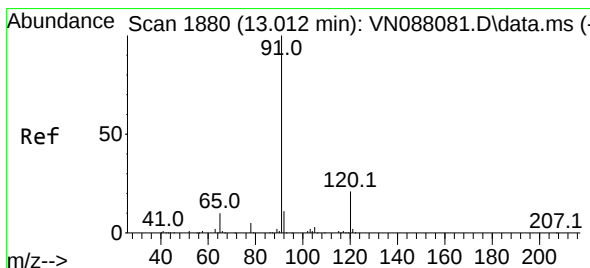
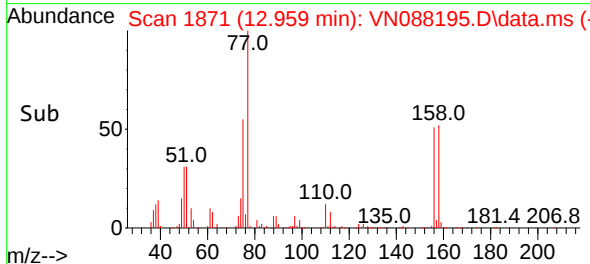
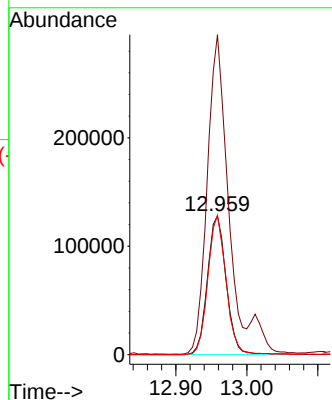
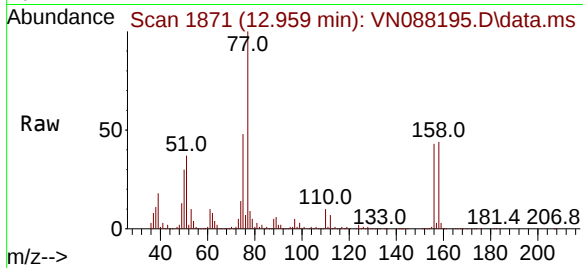




#77
Bromobenzene
Concen: 55.681 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

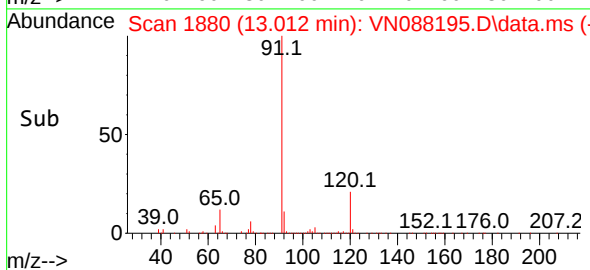
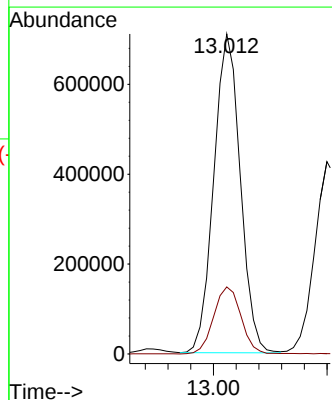
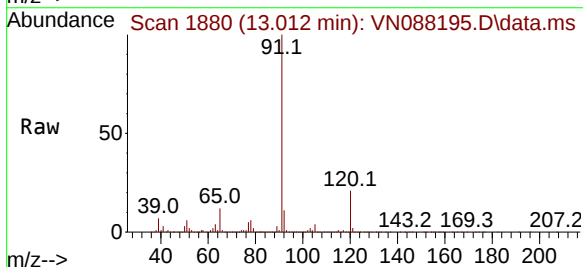
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

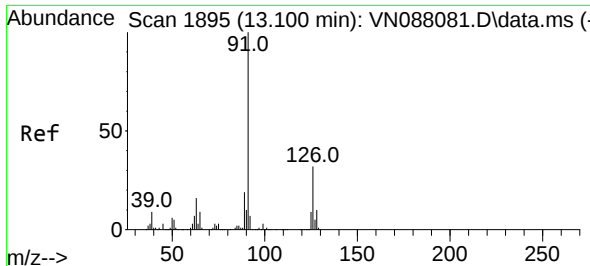
Tgt Ion:156 Resp: 235351
Ion Ratio Lower Upper
156 100
77 247.6 119.3 358.0
158 97.4 48.2 144.6



#78
n-propylbenzene
Concen: 47.924 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 91 Resp: 1146343
Ion Ratio Lower Upper
91 100
120 21.8 10.7 32.1

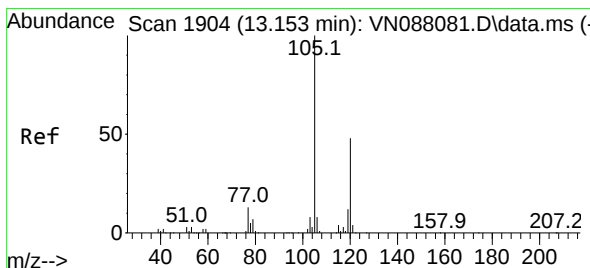
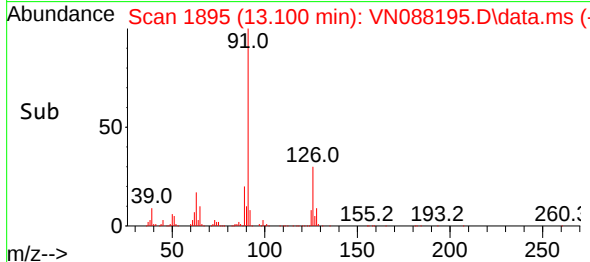
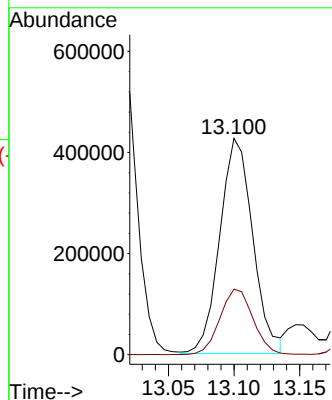
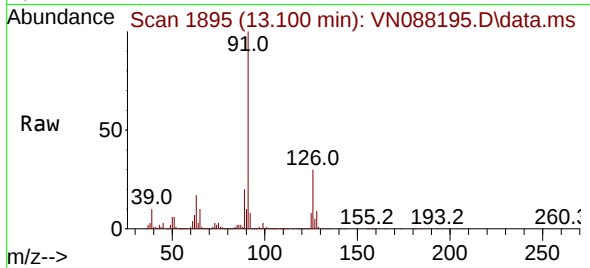




#79
2-Chlorotoluene
Concen: 54.664 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

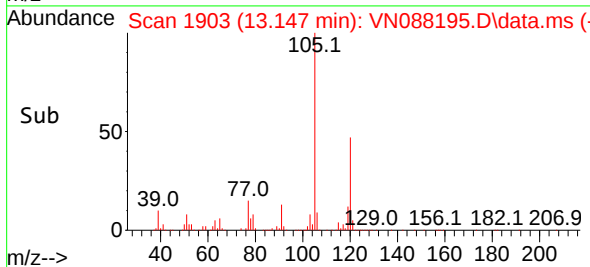
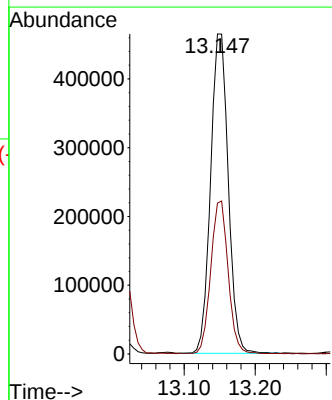
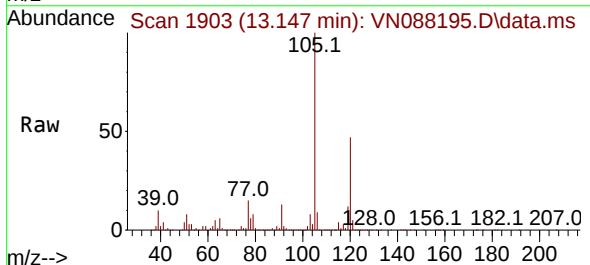
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

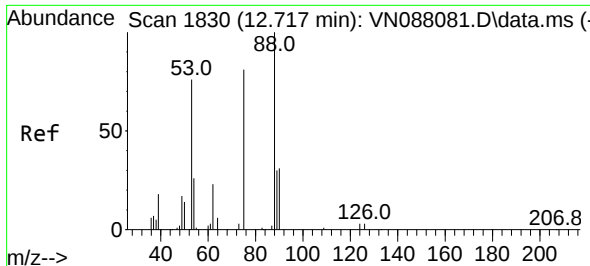
Tgt Ion: 91 Resp: 745684
Ion Ratio Lower Upper
91 100
126 30.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 49.269 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 105 Resp: 802048
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6

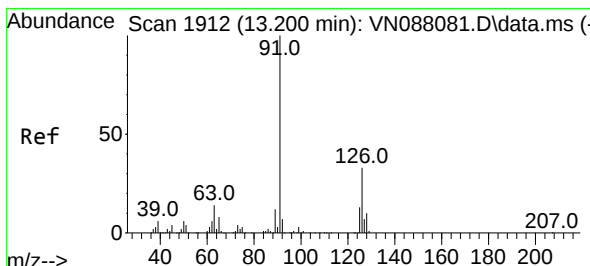
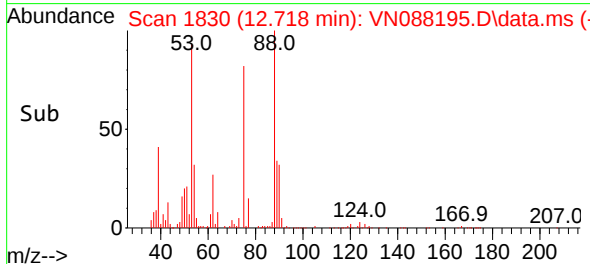
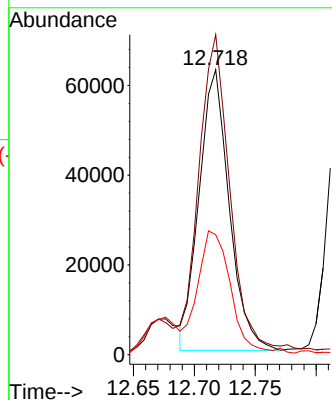
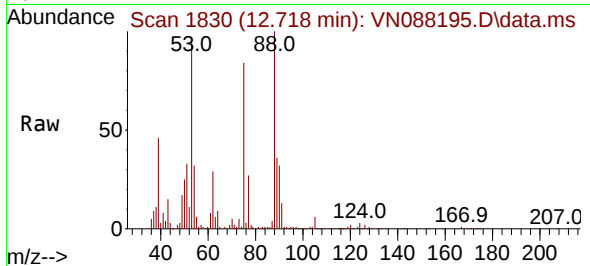




#81
trans-1,4-Dichloro-2-butene
Concen: 51.722 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

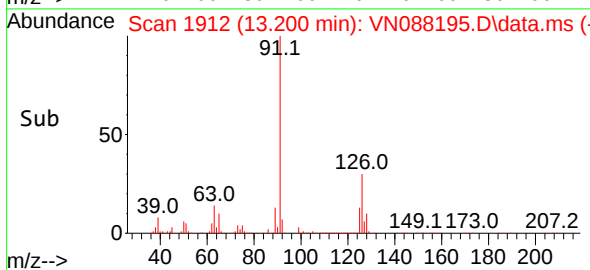
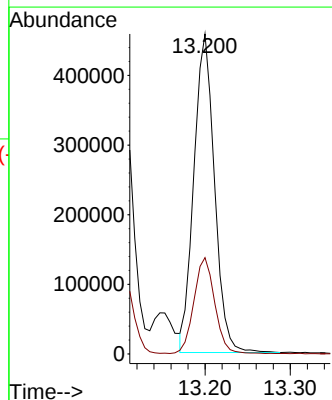
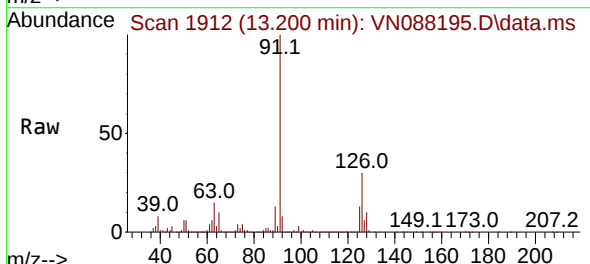
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

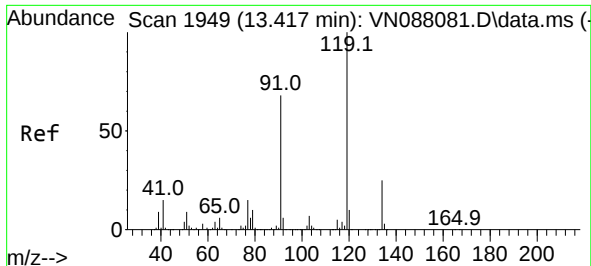
Tgt Ion: 75 Resp: 107733
Ion Ratio Lower Upper
75 100
53 120.4 101.8 152.6
89 49.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 52.098 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 91 Resp: 768894
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8

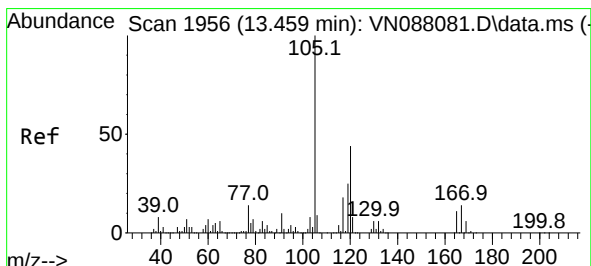
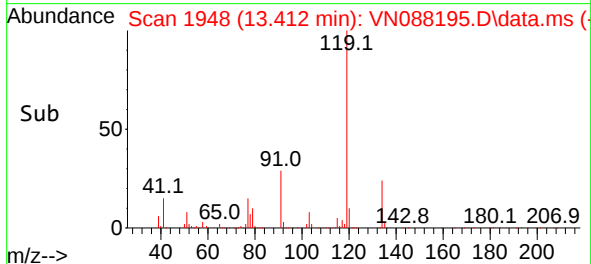
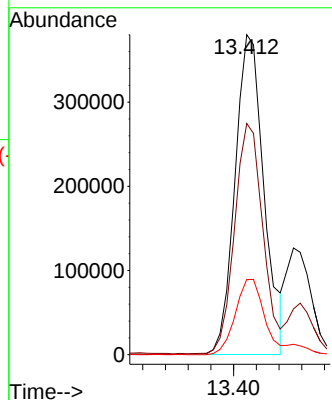
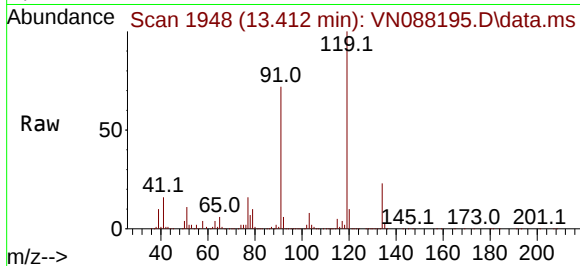




#83
tert-Butylbenzene
Concen: 46.187 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

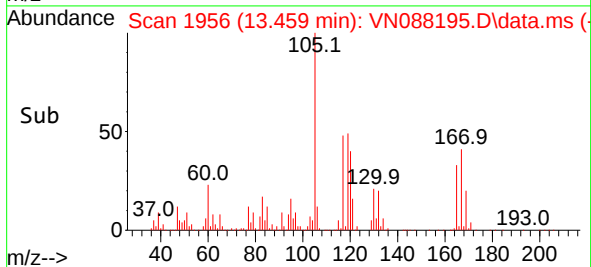
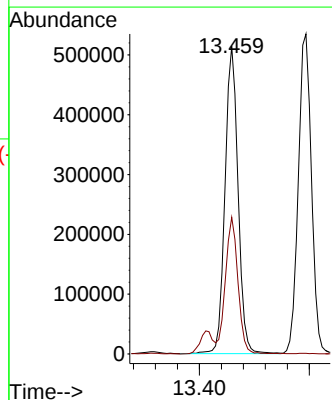
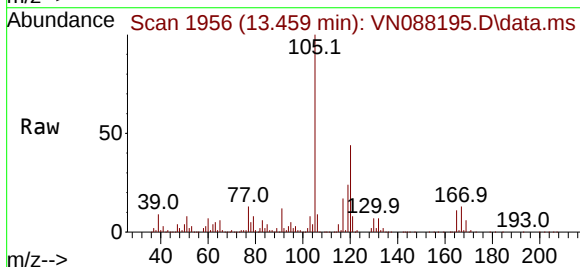
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

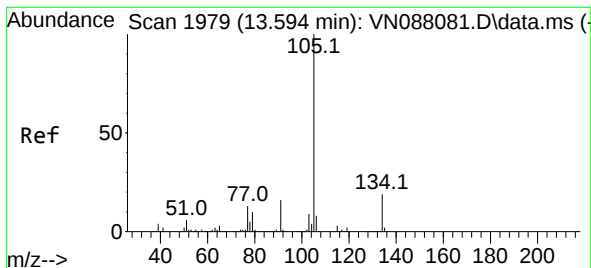
Tgt Ion:119 Resp: 671647
Ion Ratio Lower Upper
119 100
91 70.3 35.0 105.0
134 25.9 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 51.889 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:105 Resp: 845132
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 41.327 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

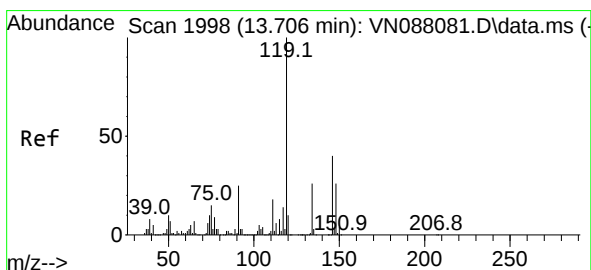
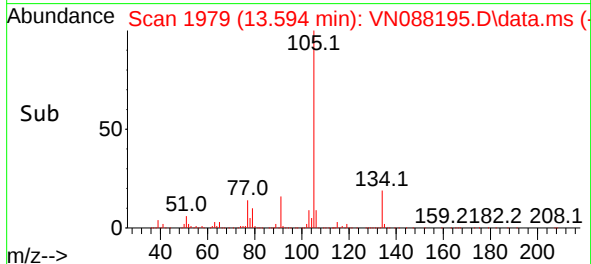
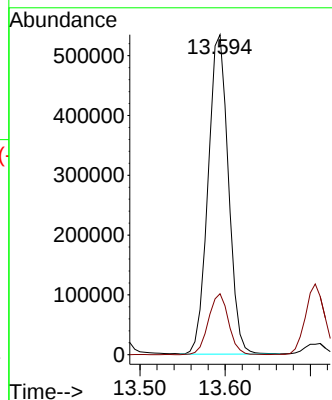
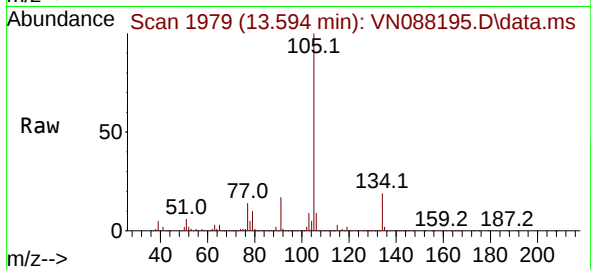
VSTDCCC050EC

Tgt Ion:105 Resp: 882954

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.6



#86

p-Isopropyltoluene

Concen: 43.750 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

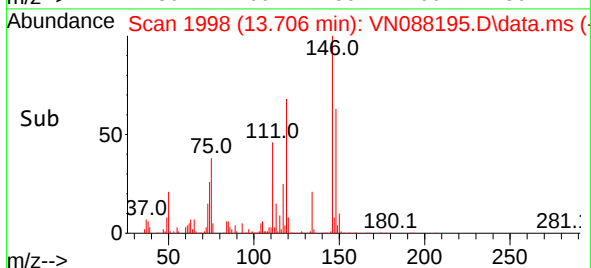
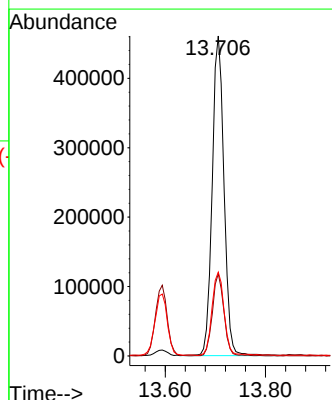
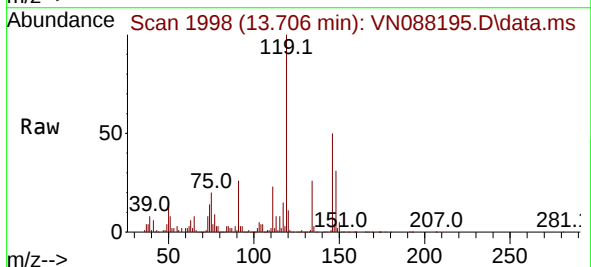
Tgt Ion:119 Resp: 749837

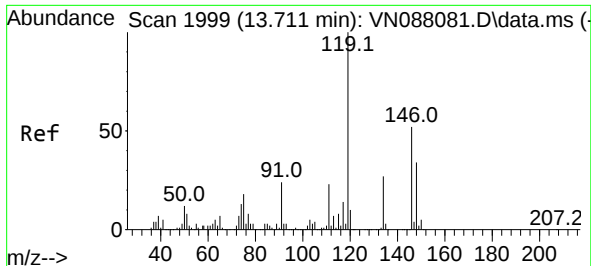
Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 27.1 12.5 37.5

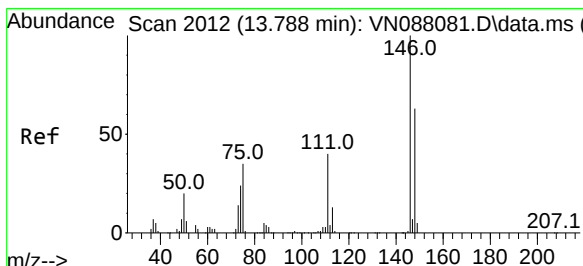
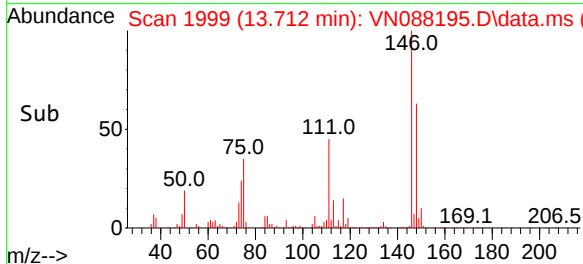
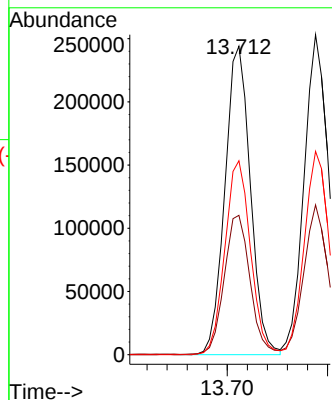
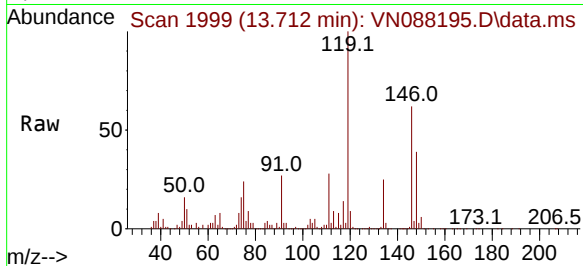




#87
1,3-Dichlorobenzene
Concen: 51.114 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

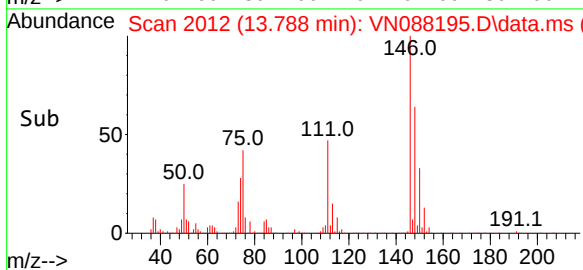
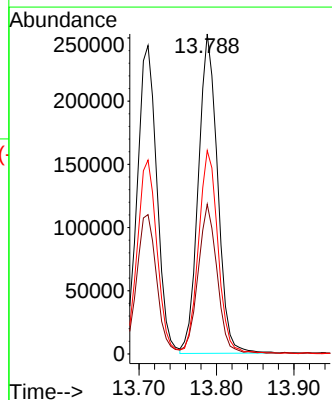
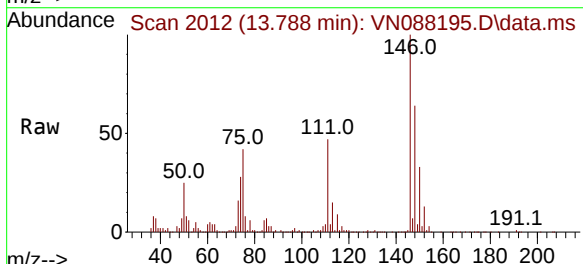
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

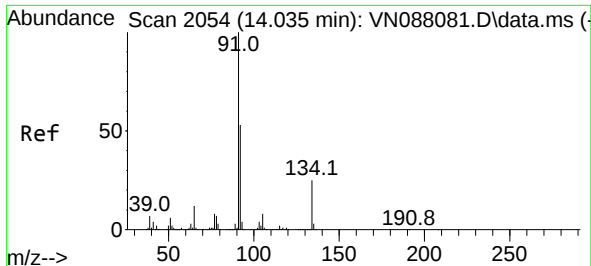
Tgt Ion:146 Resp: 431296
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.5
148 63.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 48.057 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:146 Resp: 435528
Ion Ratio Lower Upper
146 100
111 45.9 21.0 63.0
148 64.2 32.0 96.0

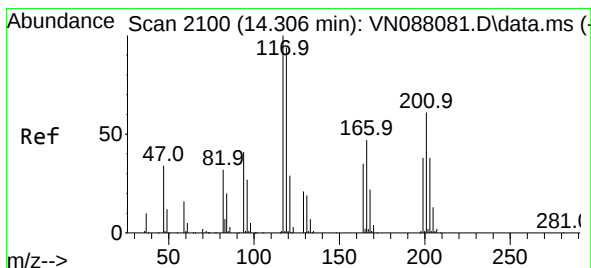
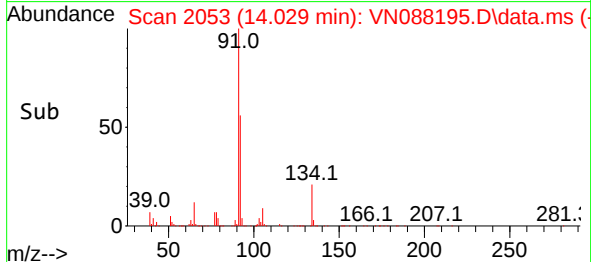
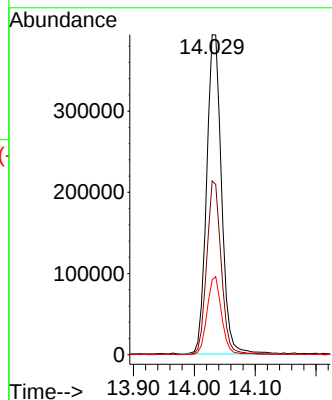
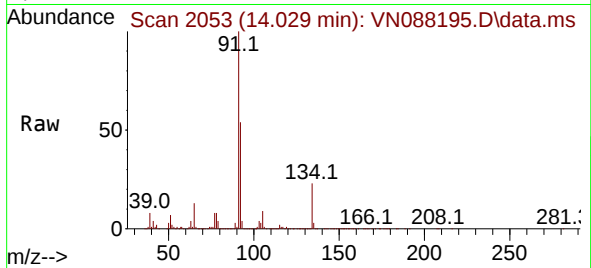




#89
n-Butylbenzene
Concen: 39.425 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

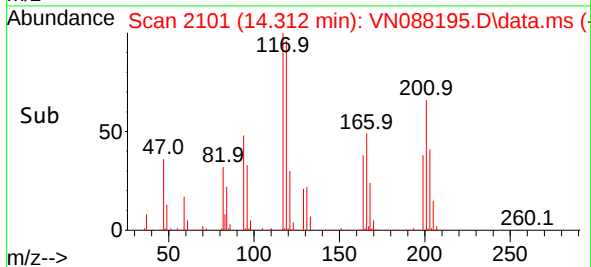
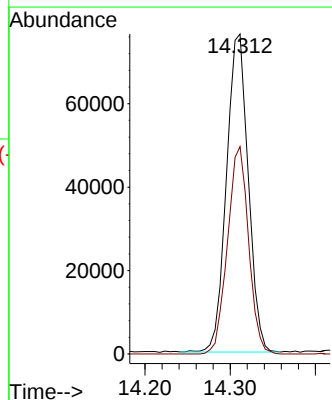
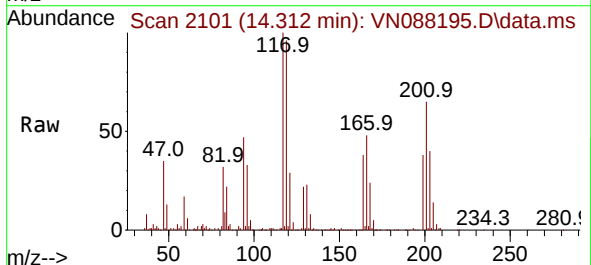
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

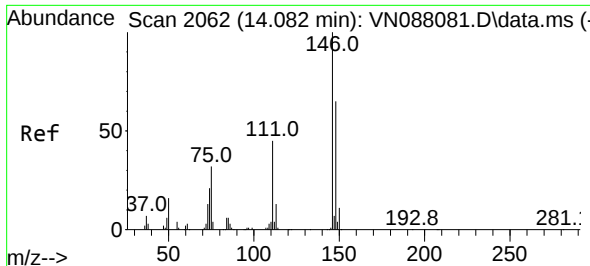
Tgt Ion: 91 Resp: 669319
Ion Ratio Lower Upper
91 100
92 53.3 25.9 77.8
134 23.7 11.7 35.0



#90
Hexachloroethane
Concen: 40.713 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion: 117 Resp: 135128
Ion Ratio Lower Upper
117 100
201 63.2 29.1 87.4

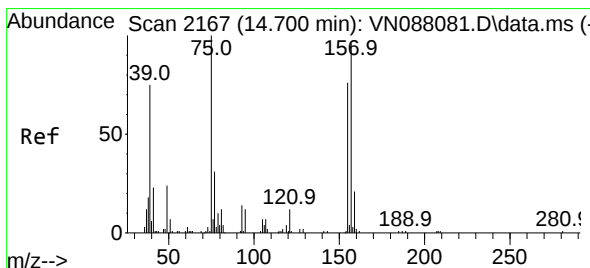
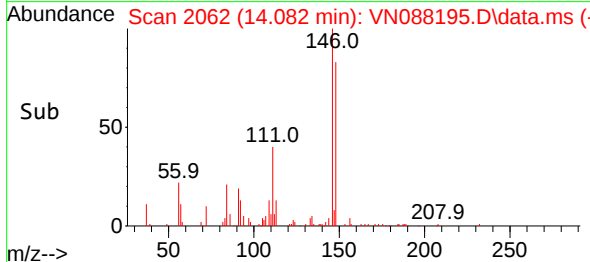
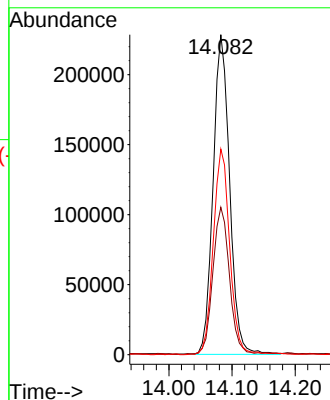
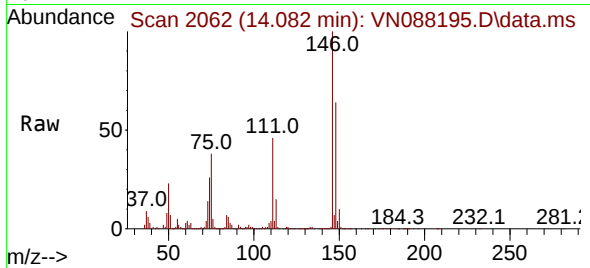




#91
 1,2-Dichlorobenzene
 Concen: 50.955 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

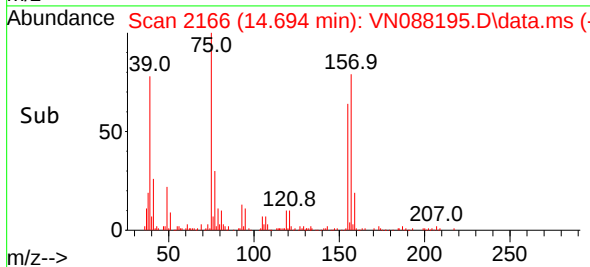
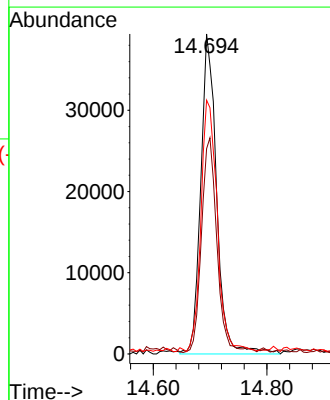
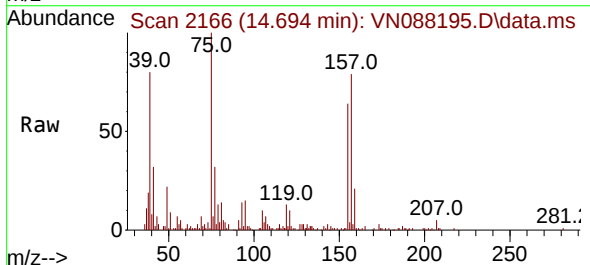
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

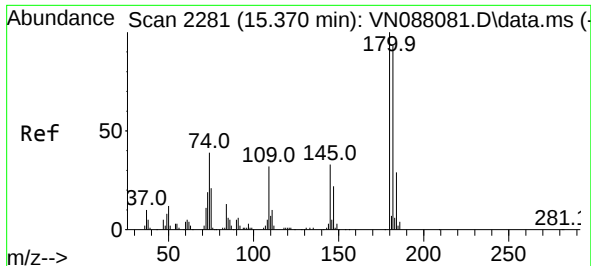
Tgt Ion:146 Resp: 414452
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.6 67.8
 148 63.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.837 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088195.D
 Acq: 31 Oct 2025 17:28

Tgt Ion: 75 Resp: 76468
 Ion Ratio Lower Upper
 75 100
 155 64.3 36.6 109.9
 157 80.6 45.6 136.9

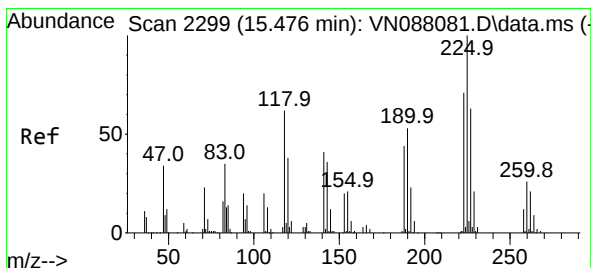
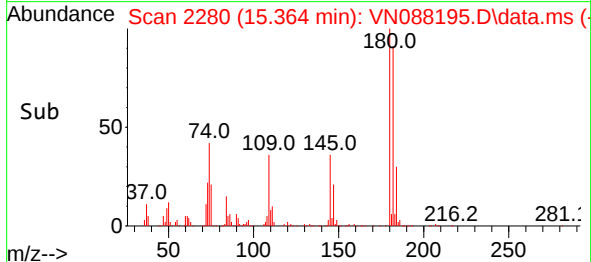
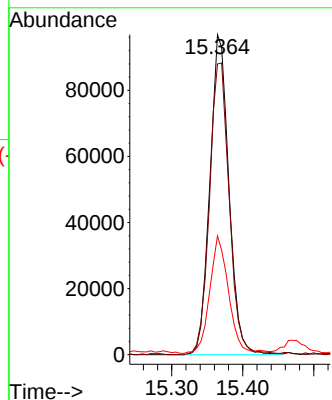
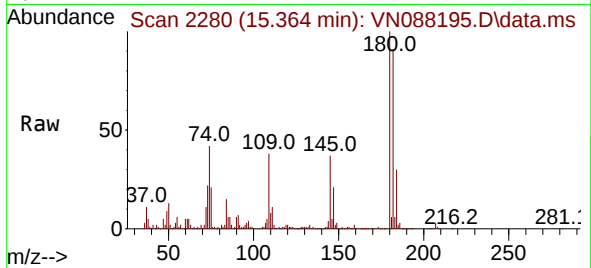




#93
1,2,4-Trichlorobenzene
Concen: 36.520 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

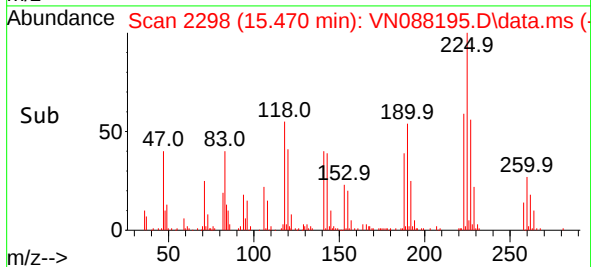
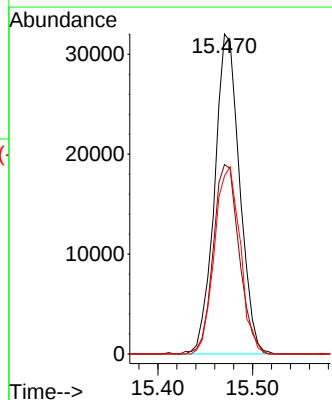
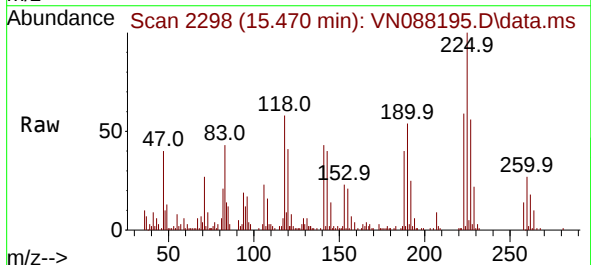
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

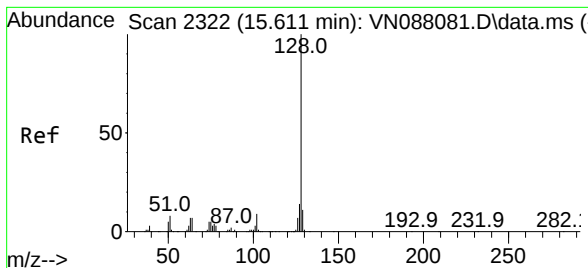
Tgt Ion:180 Resp: 179894
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 36.0 16.5 49.5



#94
Hexachlorobutadiene
Concen: 32.033 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088195.D
Acq: 31 Oct 2025 17:28

Tgt Ion:225 Resp: 58761
Ion Ratio Lower Upper
225 100
223 61.5 32.0 96.2
227 60.1 32.1 96.5





#95

Naphthalene

Concen: 43.042 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

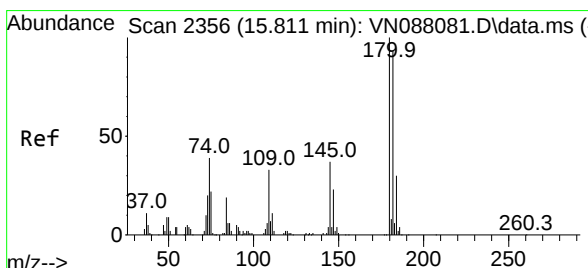
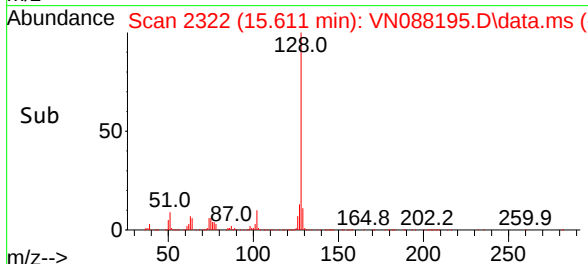
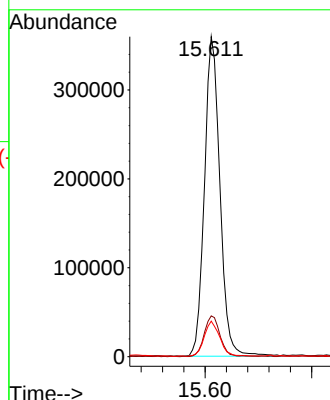
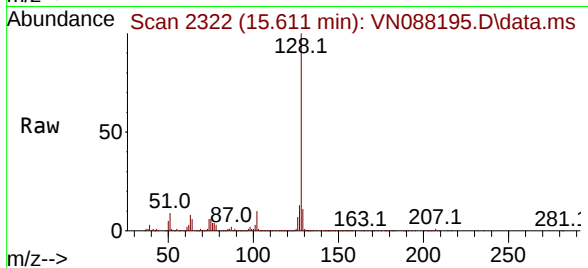
Tgt Ion:128 Resp: 726330

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 33.125 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088195.D

Acq: 31 Oct 2025 17:28

Tgt Ion:180 Resp: 156452

Ion Ratio Lower Upper

180 100

182 94.5 46.8 140.3

145 37.5 17.3 52.0

