

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088125.D
 Acq On : 27 Oct 2025 19:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 28 01:34:45 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	8.206	168	318055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	599670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	531440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	263605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	284799	51.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.560%	
35) Dibromofluoromethane	8.147	113	189703	47.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.180%	
50) Toluene-d8	10.541	98	724395	46.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.340%	
62) 4-Bromofluorobenzene	12.823	95	280067	51.087	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	170079	47.407	ug/l	98
3) Chloromethane	2.383	50	198073	46.929	ug/l	99
4) Vinyl Chloride	2.536	62	221656	48.199	ug/l	97
5) Bromomethane	2.977	94	96505	35.084	ug/l	99
6) Chloroethane	3.142	64	150296	45.360	ug/l	97
7) Trichlorofluoromethane	3.512	101	329371	44.905	ug/l	92
8) Diethyl Ether	3.959	74	141603	51.944	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	172956	45.696	ug/l	98
10) Methyl Iodide	4.583	142	171364	46.255	ug/l	99
11) Tert butyl alcohol	5.518	59	264171	278.808	ug/l	99
12) 1,1-Dichloroethene	4.336	96	182394	45.626	ug/l	98
13) Acrolein	4.177	56	246036	230.852	ug/l	99
14) Allyl chloride	5.012	41	355007	50.665	ug/l	97
15) Acrylonitrile	5.712	53	698851	270.773	ug/l	99
16) Acetone	4.424	43	642224	232.434	ug/l	98
17) Carbon Disulfide	4.706	76	555456	45.709	ug/l	98
18) Methyl Acetate	5.012	43	354755	62.715	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	818282	55.737	ug/l	96
20) Methylene Chloride	5.265	84	231065	53.672	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	208080	47.421	ug/l	95
22) Diisopropyl ether	6.659	45	808779	54.885	ug/l	98
23) Vinyl Acetate	6.589	43	3632153	273.634	ug/l	99
24) 1,1-Dichloroethane	6.553	63	432685	53.007	ug/l	98
25) 2-Butanone	7.465	43	969283	266.193	ug/l	100
26) 2,2-Dichloropropane	7.471	77	354364	47.772	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	256978	50.871	ug/l	94
28) Bromochloromethane	7.794	49	201452	52.231	ug/l	100
29) Tetrahydrofuran	7.824	42	618421	260.604	ug/l	98
30) Chloroform	7.947	83	440664	54.038	ug/l	100
31) Cyclohexane	8.236	56	362093	47.034	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	367879	50.651	ug/l	99
36) 1,1-Dichloropropene	8.353	75	301889	51.322	ug/l	100
37) Ethyl Acetate	7.547	43	401401	52.879	ug/l	99
38) Carbon Tetrachloride	8.341	117	310261	51.069	ug/l	95
39) Methylcyclohexane	9.577	83	345268	45.665	ug/l	97
40) Benzene	8.588	78	922487	51.495	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	212370	53.156	ug/l	100
42) 1,2-Dichloroethane	8.653	62	366906	57.643	ug/l	98
43) Isopropyl Acetate	8.671	43	644821	55.281	ug/l	99
44) Trichloroethene	9.330	130	207072	49.453	ug/l	98
45) 1,2-Dichloropropane	9.600	63	238018	52.629	ug/l	100
46) Dibromomethane	9.688	93	176071	54.587	ug/l	99
47) Bromodichloromethane	9.865	83	353090	54.676	ug/l	96
48) Methyl methacrylate	9.659	41	312803	58.085	ug/l	99
49) 1,4-Dioxane	9.682	88	69730	1041.087	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1959018	283.896	ug/l	99
52) Toluene	10.606	92	569486	51.561	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	381649	55.527	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	400510	54.914	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	220370	52.591	ug/l	97
56) Ethyl methacrylate	10.853	69	392464	59.185	ug/l	98
57) 1,3-Dichloropropane	11.141	76	399100	54.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1086061	314.869	ug/l	100
59) 2-Hexanone	11.176	43	1340477	292.833	ug/l	97
60) Dibromochloromethane	11.335	129	253505	53.227	ug/l	99
61) 1,2-Dibromoethane	11.447	107	228328	52.946	ug/l	98
64) Tetrachloroethene	11.082	164	163615	46.674	ug/l	97
65) Chlorobenzene	11.871	112	614185	50.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	211600	53.522	ug/l	100
67) Ethyl Benzene	11.941	91	1094837	51.687	ug/l	100
68) m/p-Xylenes	12.047	106	816258	102.849	ug/l	100
69) o-Xylene	12.376	106	397501	52.834	ug/l	99
70) Styrene	12.388	104	681624	55.559	ug/l	97
71) Bromoform	12.553	173	161275	54.662	ug/l #	98
73) Isopropylbenzene	12.671	105	1043270	51.314	ug/l	99
74) N-amyl acetate	12.500	43	227670	39.447	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.918	83	333637	52.709	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	454593	75.428	ug/l	63
77) Bromobenzene	12.959	156	237504	54.173	ug/l	98
78) n-propylbenzene	13.012	91	1247236	50.269	ug/l	99
79) 2-Chlorotoluene	13.100	91	763599	53.967	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	881471	52.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	104077	48.172	ug/l	89
82) 4-Chlorotoluene	13.200	91	784318	51.235	ug/l	99
83) tert-Butylbenzene	13.412	119	756775	50.172	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	896251	53.052	ug/l	99
85) sec-Butylbenzene	13.594	105	1067560	48.173	ug/l	100
86) p-Isopropyltoluene	13.706	119	898592	50.547	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	447497	51.130	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	459660	48.899	ug/l	99
89) n-Butylbenzene	14.029	91	837525	47.561	ug/l	99
90) Hexachloroethane	14.306	117	167923	48.777	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	437710	51.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	81524	55.335	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	256083	50.120	ug/l	99
94) Hexachlorobutadiene	15.470	225	83547	43.910	ug/l	99
95) Naphthalene	15.611	128	939345	53.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	250626	51.158	ug/l	99

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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

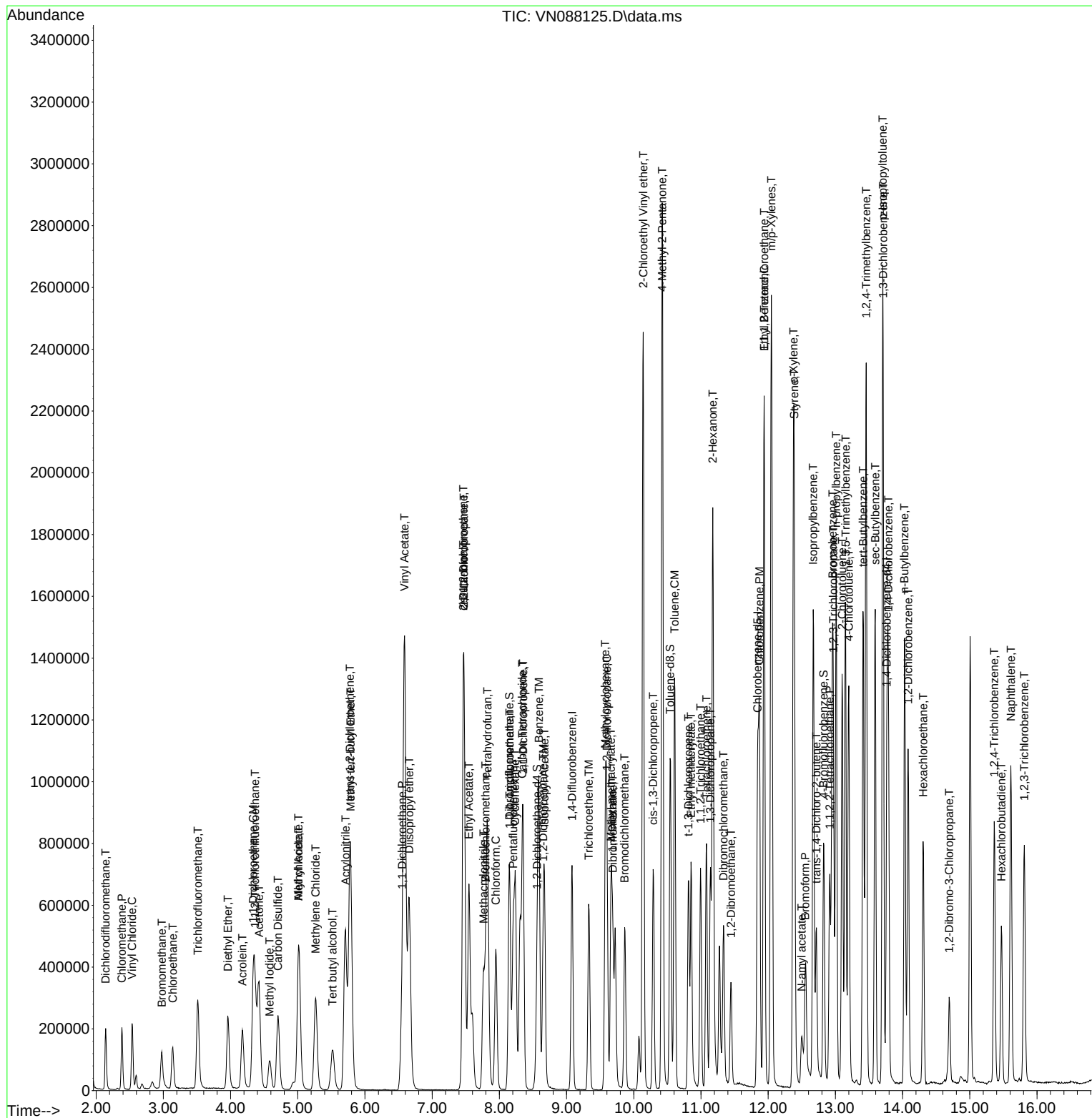
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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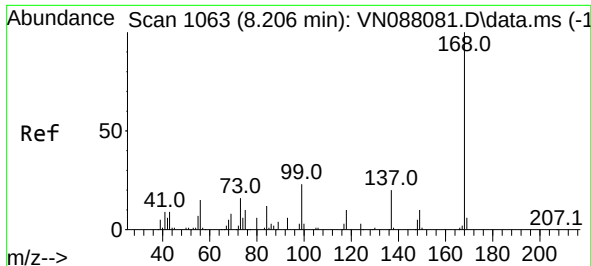
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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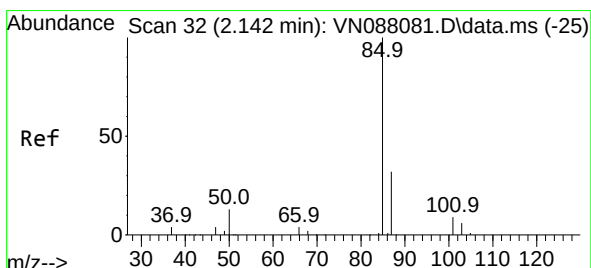
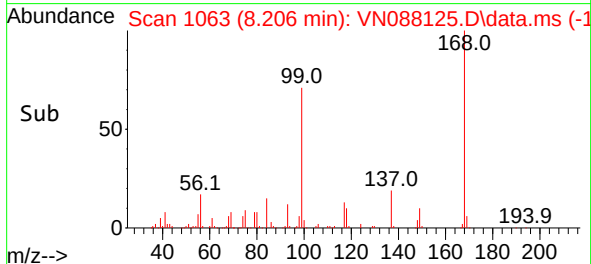
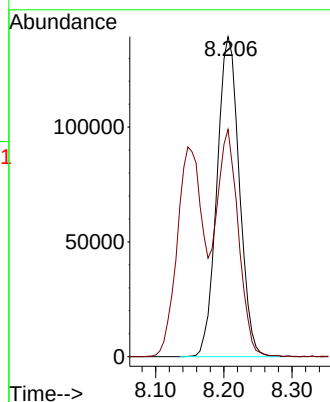
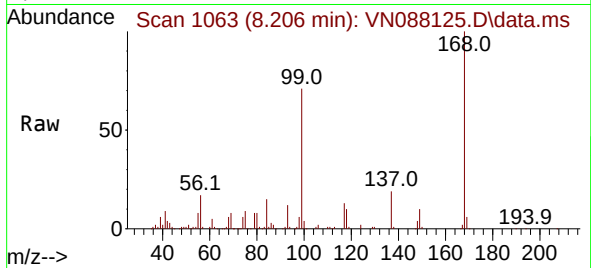




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088125.D
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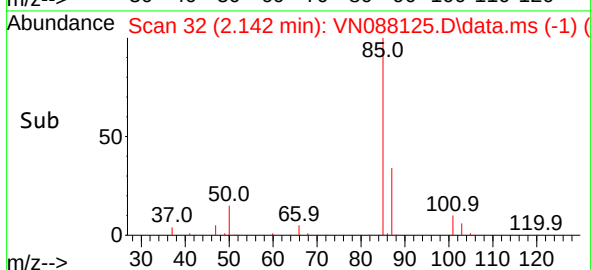
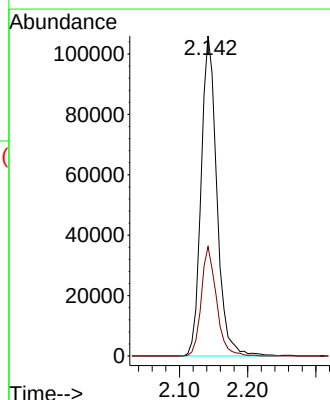
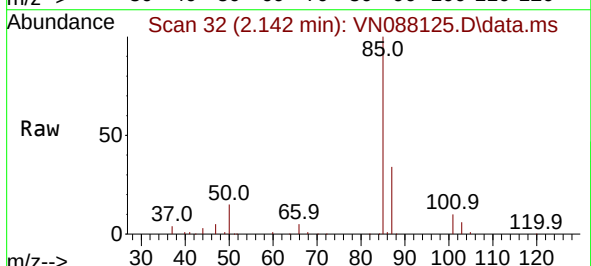
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

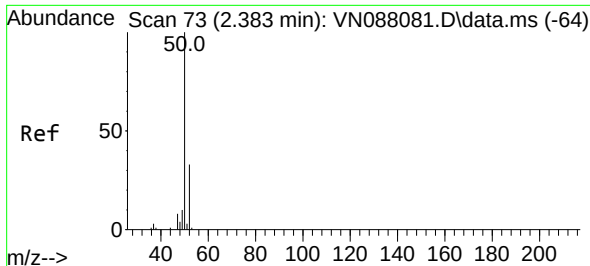
Tgt Ion:168 Resp: 318055
Ion Ratio Lower Upper
168 100
99 70.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 47.407 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 85 Resp: 170079
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.8

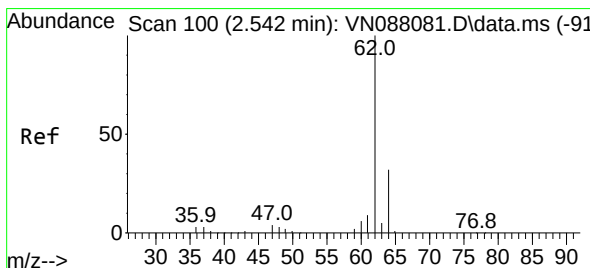
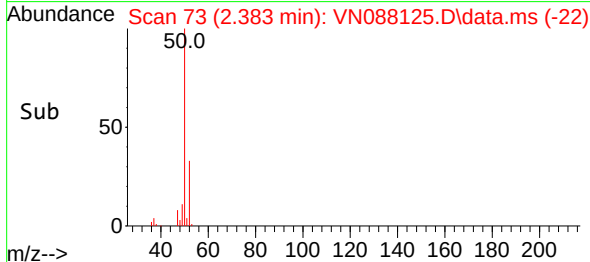
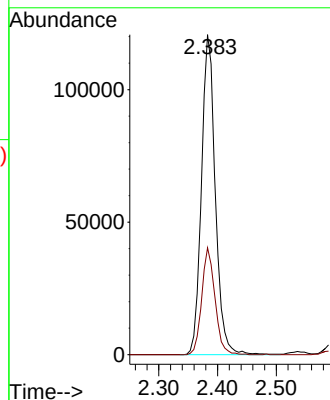
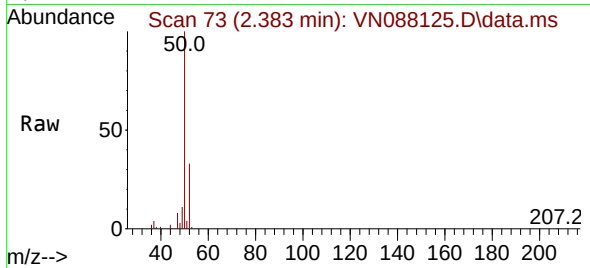




#3
Chloromethane
Concen: 46.929 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

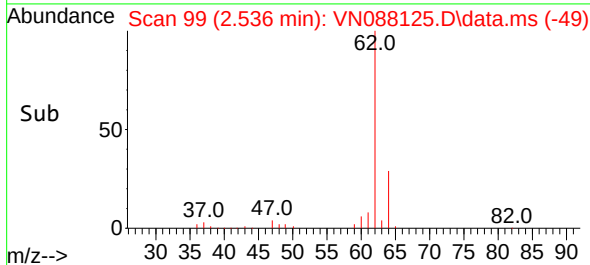
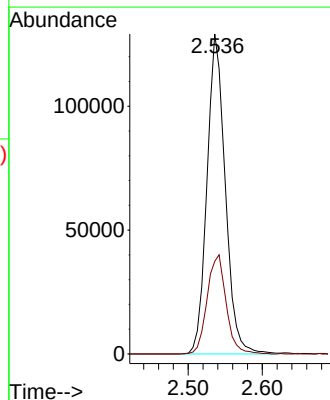
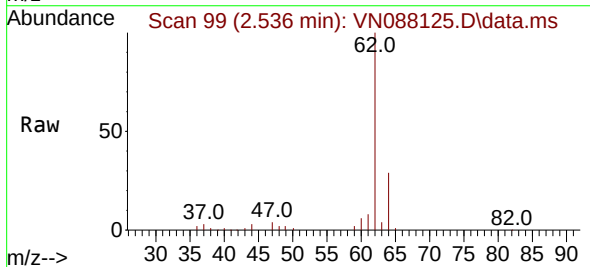
Instrument :
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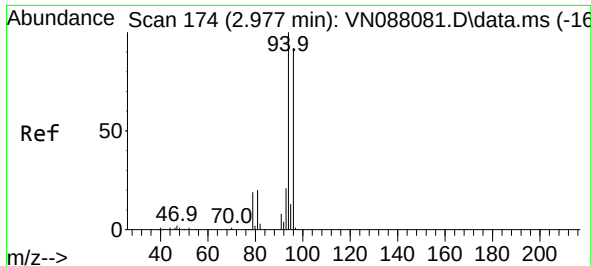
Tgt Ion: 50 Resp: 198073
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4



#4
Vinyl Chloride
Concen: 48.199 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 62 Resp: 221656
Ion Ratio Lower Upper
62 100
64 28.9 24.6 37.0

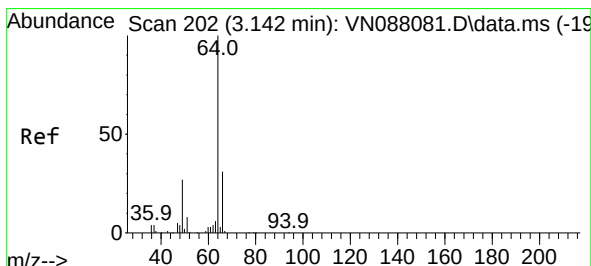
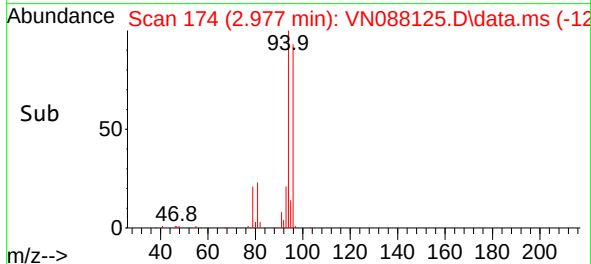
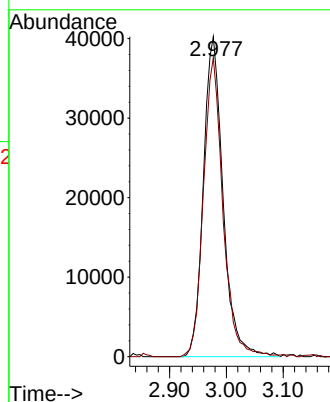
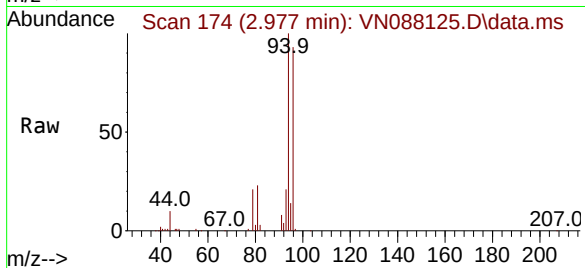




#5
Bromomethane
Concen: 35.084 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088125.D
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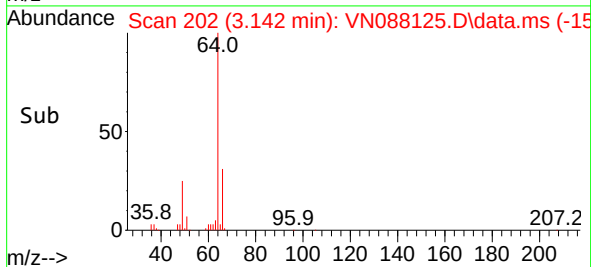
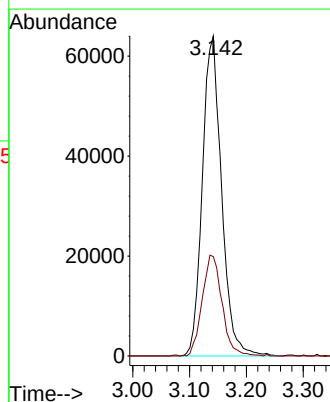
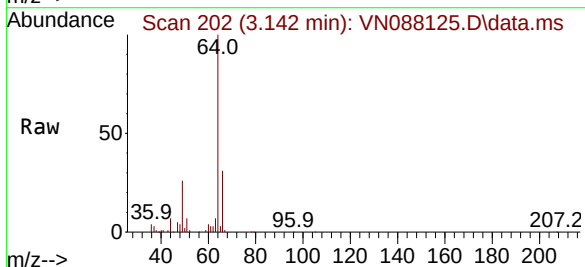
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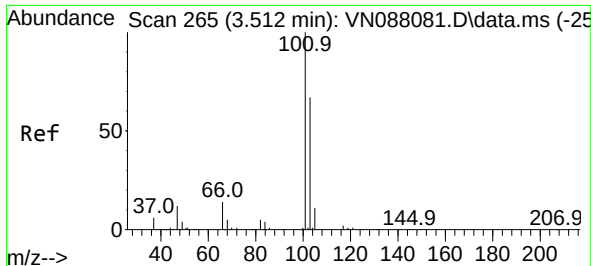
Tgt Ion: 94 Resp: 96505
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.2



#6
Chloroethane
Concen: 45.360 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 64 Resp: 150296
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.2

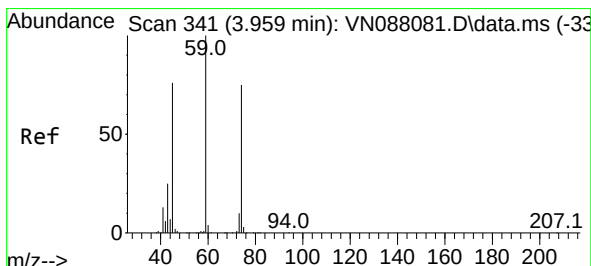
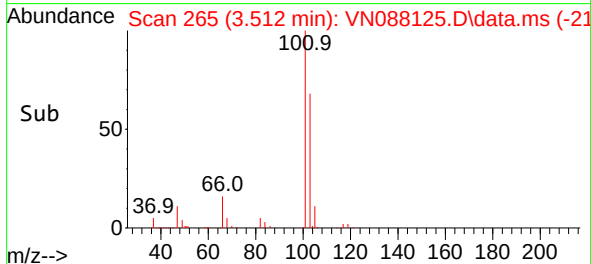
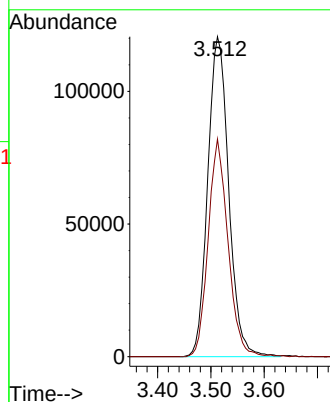
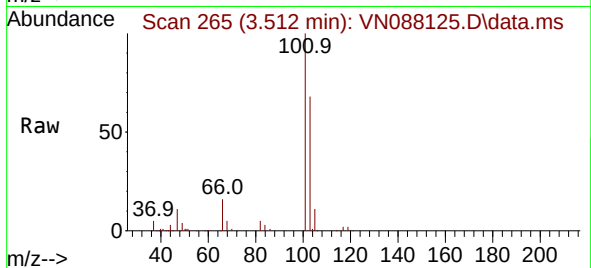




#7
 Trichlorofluoromethane
 Concen: 44.905 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

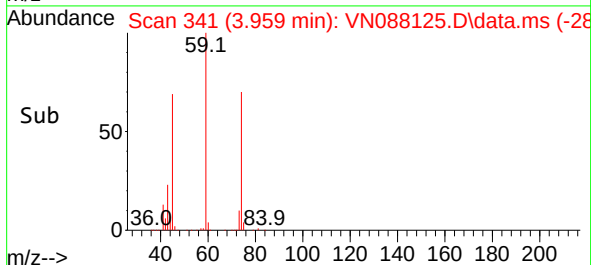
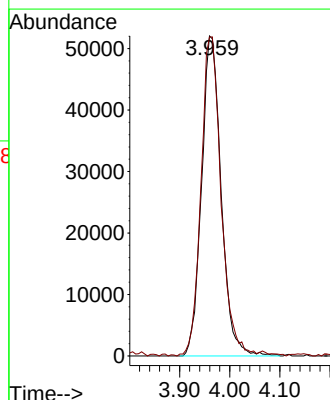
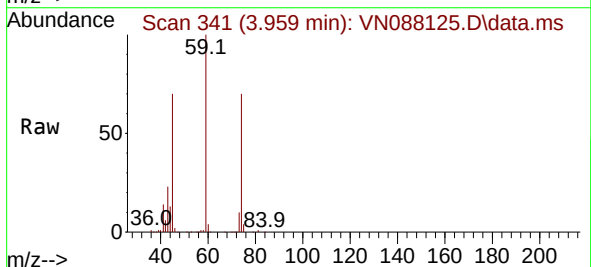
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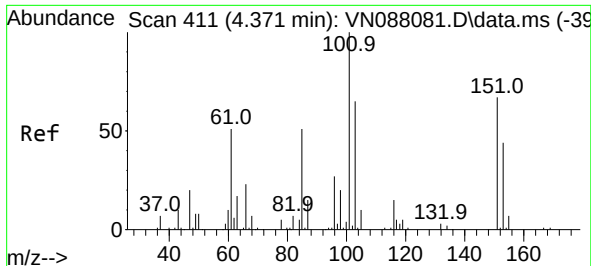
Tgt Ion:101 Resp: 329371
 Ion Ratio Lower Upper
 101 100
 103 68.0 49.4 74.0



#8
 Diethyl Ether
 Concen: 51.944 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088125.D
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Tgt Ion: 74 Resp: 141603
 Ion Ratio Lower Upper
 74 100
 45 100.8 50.6 151.9

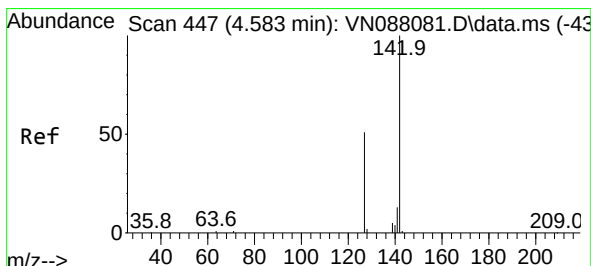
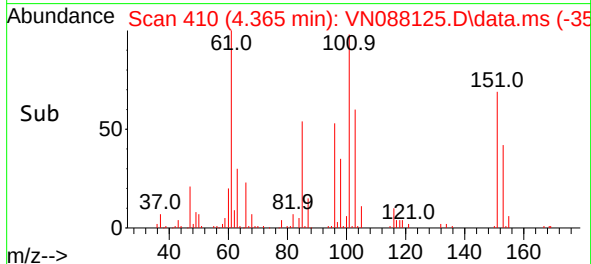
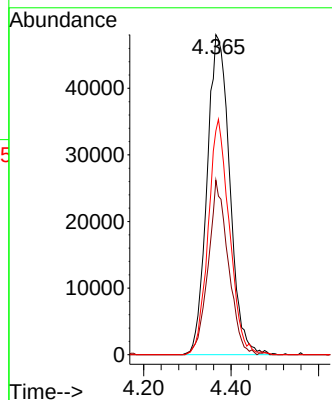
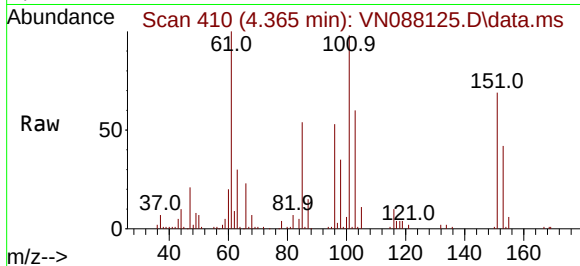




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.696 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

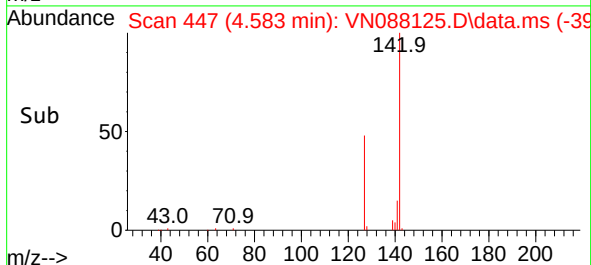
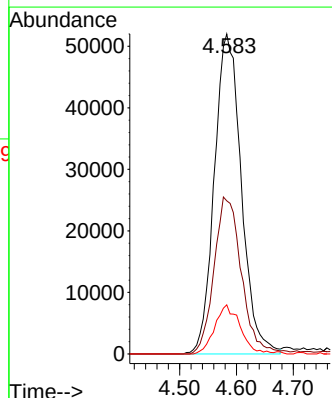
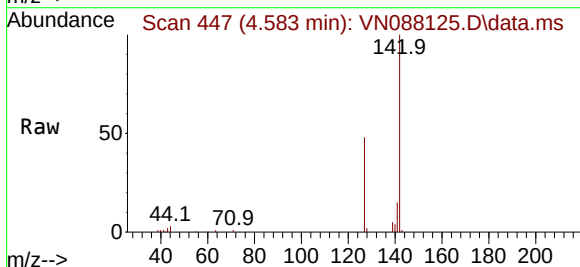
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

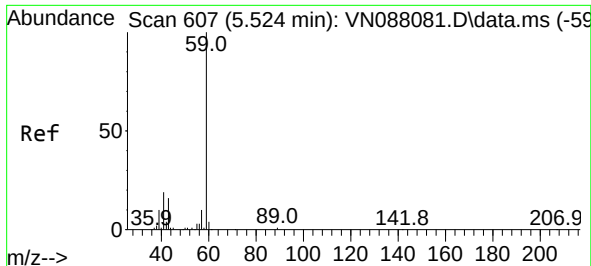
Tgt Ion:101 Resp: 172956
Ion Ratio Lower Upper
101 100
85 48.2 36.6 55.0
151 68.8 54.7 82.1



#10
Methyl Iodide
Concen: 46.255 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:142 Resp: 171364
Ion Ratio Lower Upper
142 100
127 47.9 38.0 57.0
141 15.3 12.0 18.0

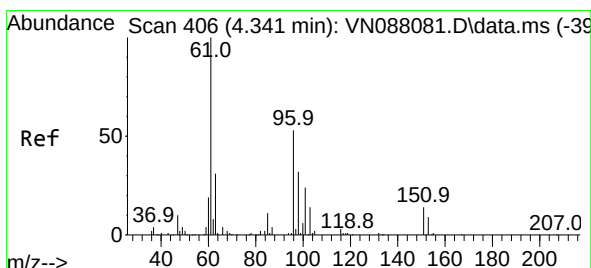
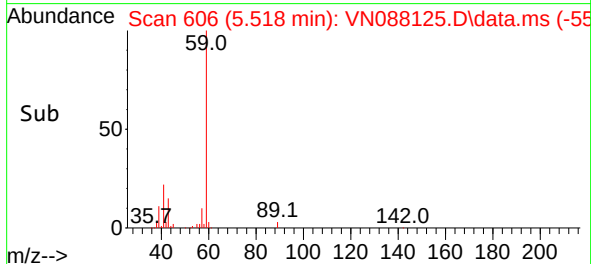
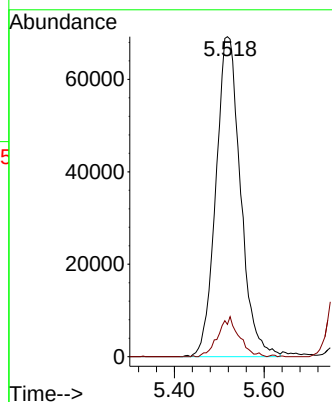
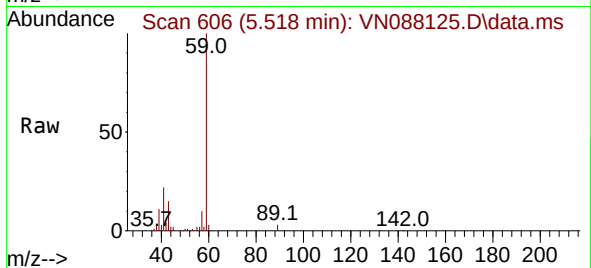




#11
Tert butyl alcohol
Concen: 278.808 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

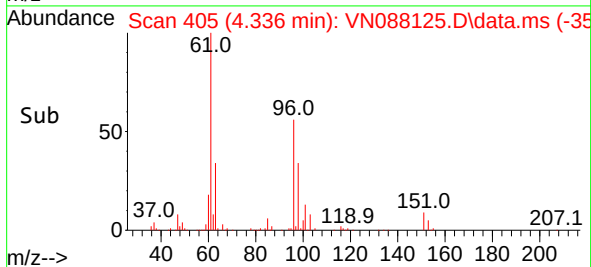
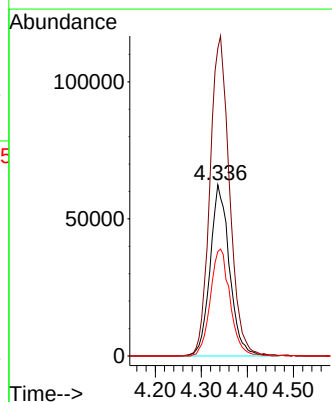
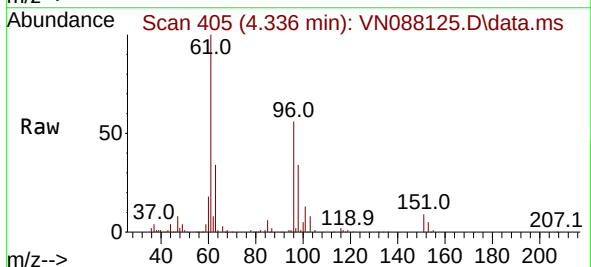
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

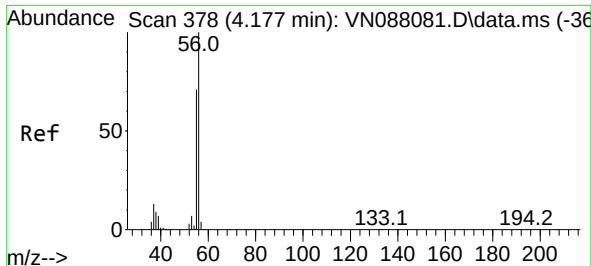
Tgt Ion: 59 Resp: 264171
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 45.626 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 96 Resp: 182394
Ion Ratio Lower Upper
96 100
61 179.6 143.8 215.8
98 61.0 52.1 78.1

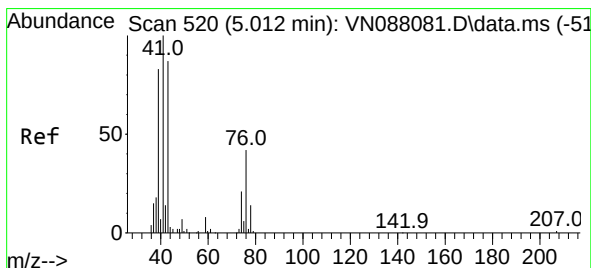
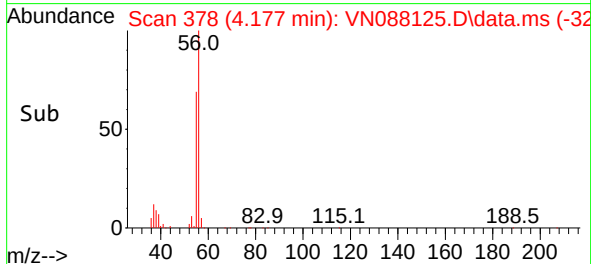
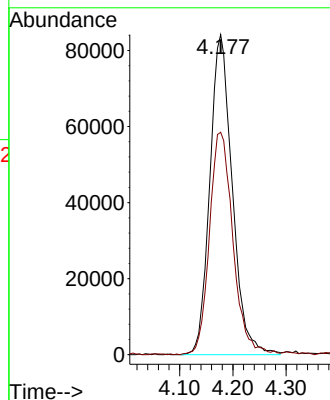
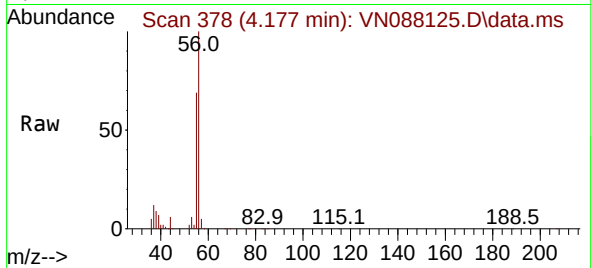




#13
Acrolein
Concen: 230.852 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

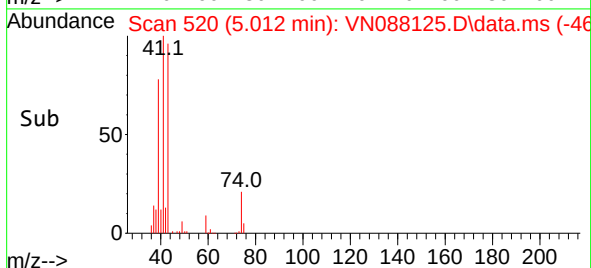
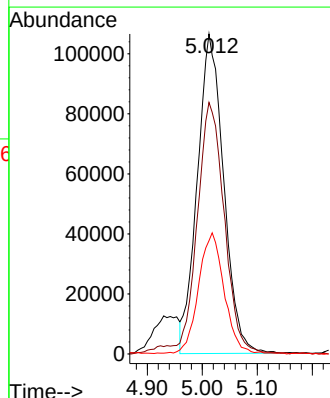
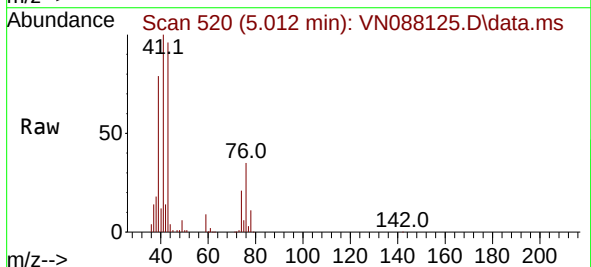
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ClientSampleId :
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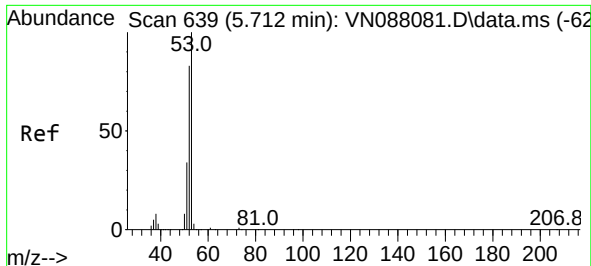
Tgt Ion: 56 Resp: 246036
Ion Ratio Lower Upper
56 100
55 72.8 57.3 85.9



#14
Allyl chloride
Concen: 50.665 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 41 Resp: 355007
Ion Ratio Lower Upper
41 100
39 82.7 63.9 95.9
76 37.2 28.1 42.1

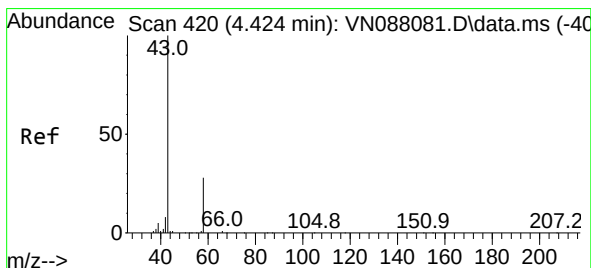
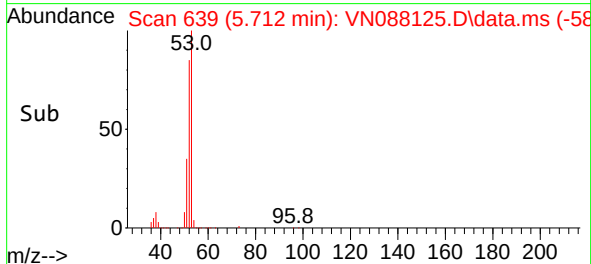
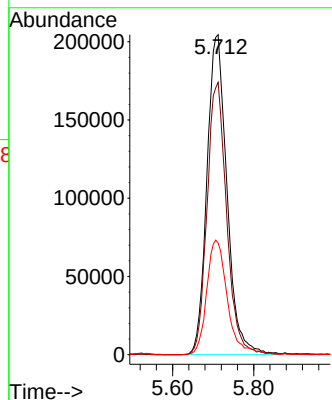
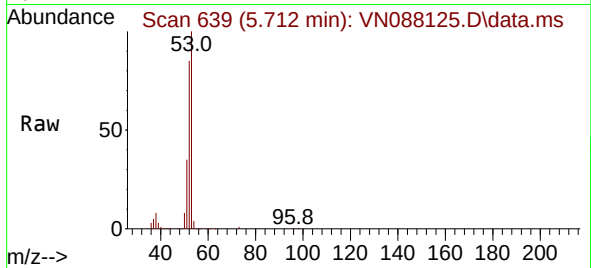




#15
Acrylonitrile
Concen: 270.773 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

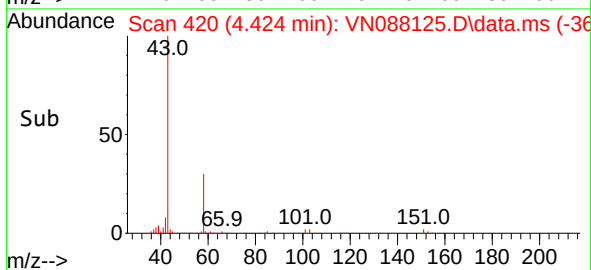
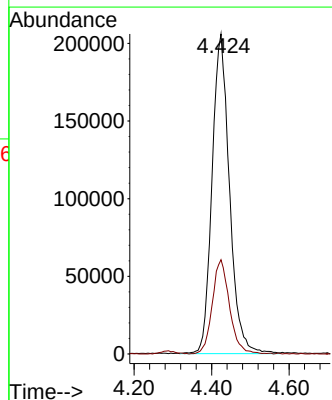
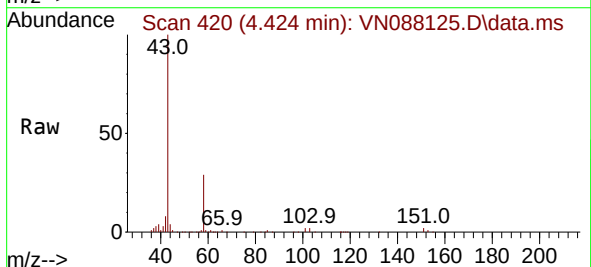
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

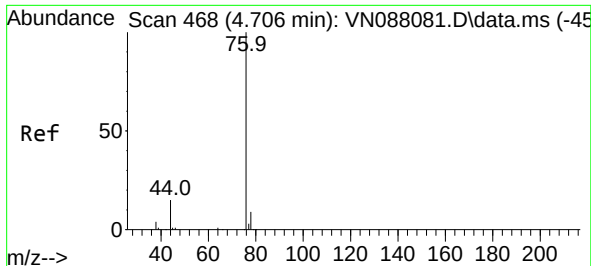
Tgt Ion: 53 Resp: 698851
Ion Ratio Lower Upper
53 100
52 83.2 67.6 101.4
51 37.0 30.1 45.1



#16
Acetone
Concen: 232.434 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 43 Resp: 642224
Ion Ratio Lower Upper
43 100
58 29.3 22.6 33.8

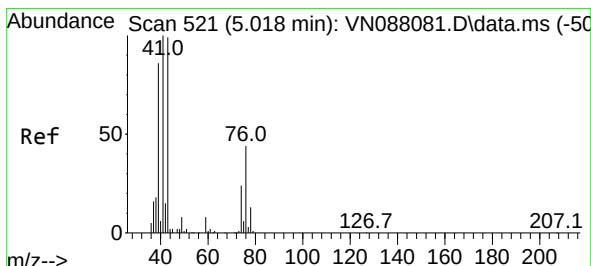
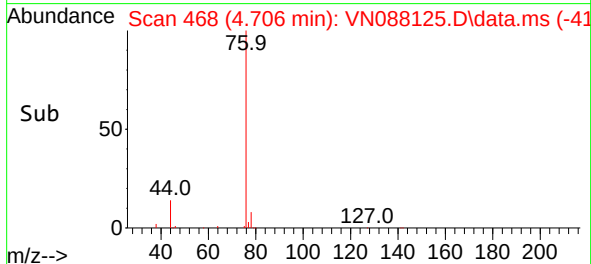
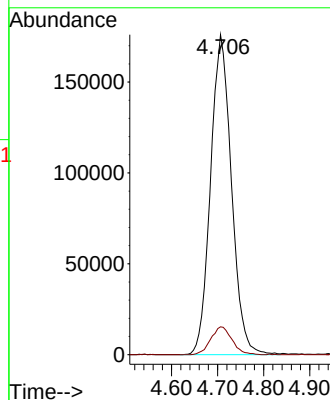
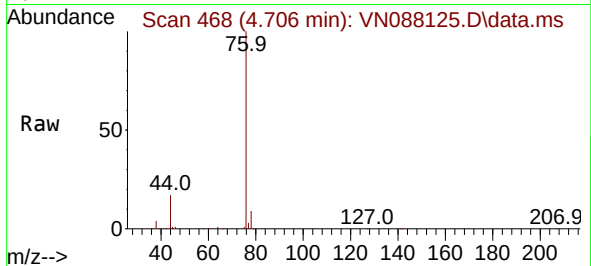




#17
Carbon Disulfide
Concen: 45.709 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

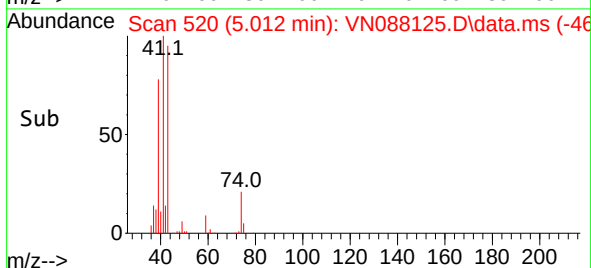
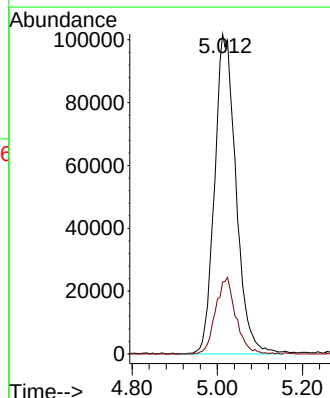
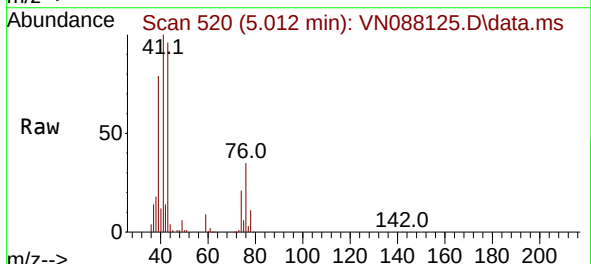
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

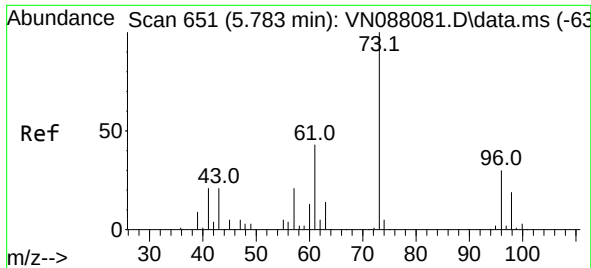
Tgt Ion: 76 Resp: 555456
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 62.715 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 43 Resp: 354755
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4

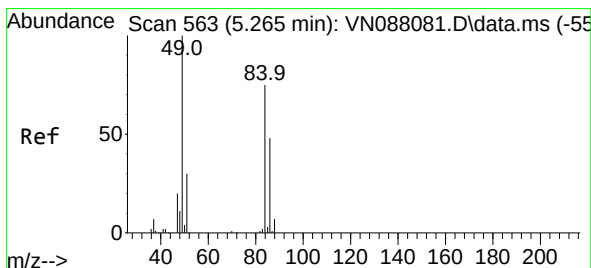
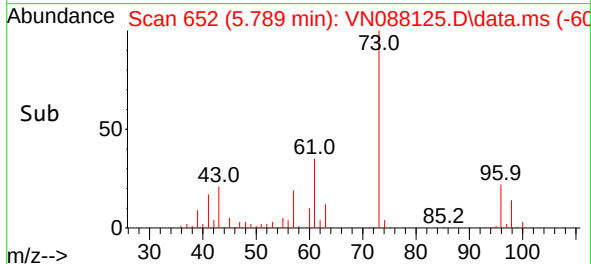
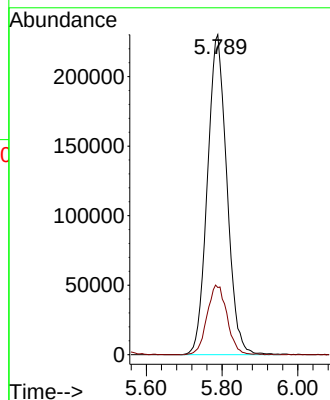
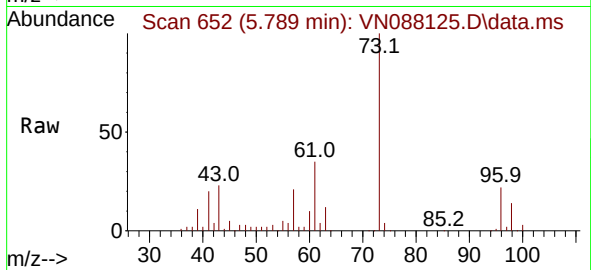




#19
Methyl tert-butyl Ether
Concen: 55.737 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

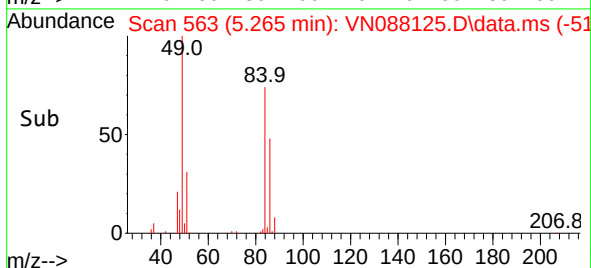
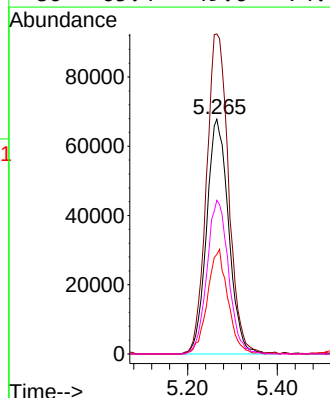
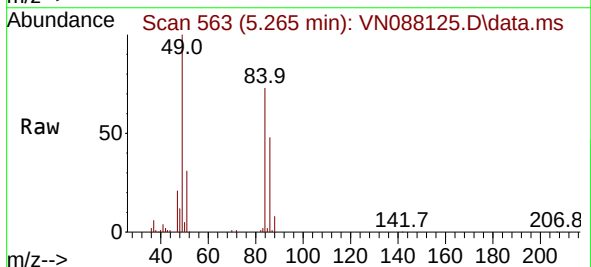
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

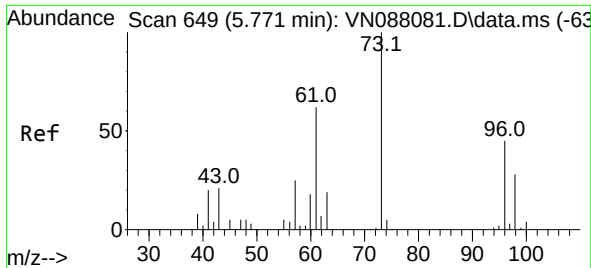
Tgt Ion: 73 Resp: 818282
Ion Ratio Lower Upper
73 100
57 21.0 18.4 27.6



#20
Methylene Chloride
Concen: 53.672 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 84 Resp: 231065
Ion Ratio Lower Upper
84 100
49 136.3 103.4 155.2
51 42.4 33.8 50.8
86 65.4 49.6 74.4

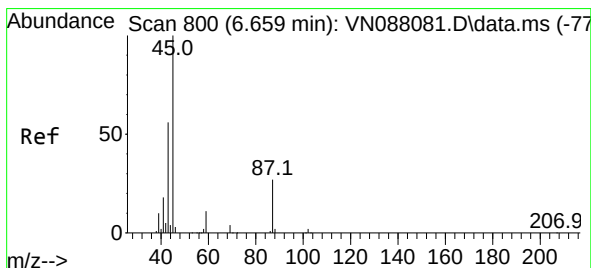
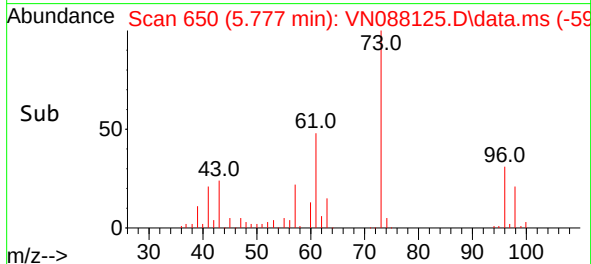
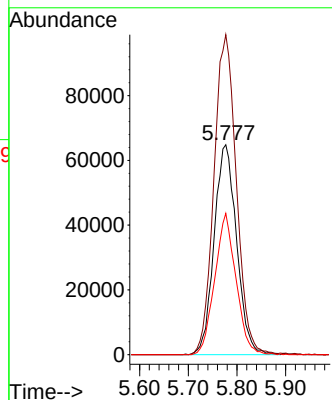
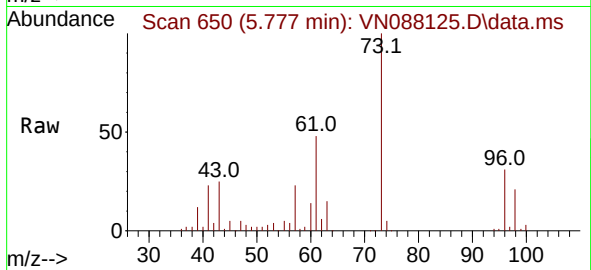




#21
trans-1,2-Dichloroethene
Concen: 47.421 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

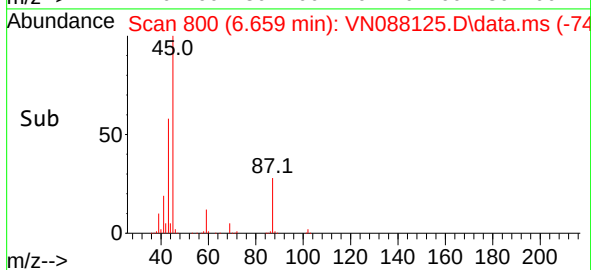
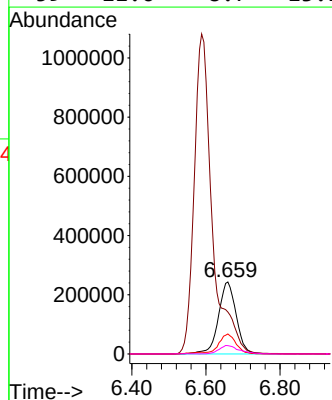
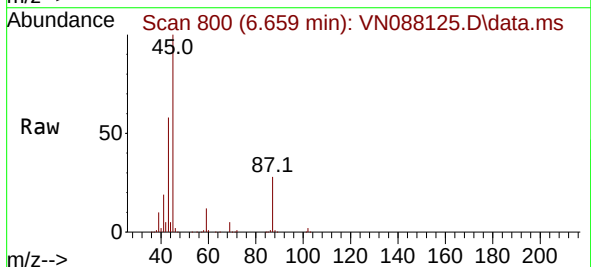
Instrument :
MSVOA_N
ClientSampleId :
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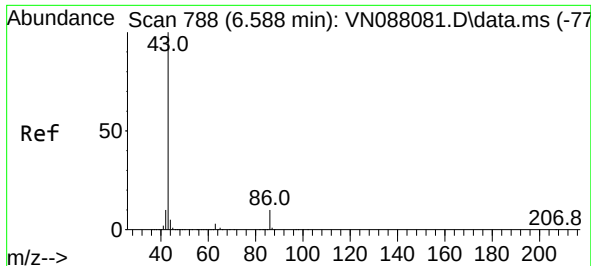
Tgt Ion: 96 Resp: 208080
Ion Ratio Lower Upper
96 100
61 152.4 118.0 177.0
98 67.3 50.0 75.0



#22
Diisopropyl ether
Concen: 54.885 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 45 Resp: 808779
Ion Ratio Lower Upper
45 100
43 57.8 47.7 71.5
87 27.8 21.4 32.0
59 11.6 8.7 13.1

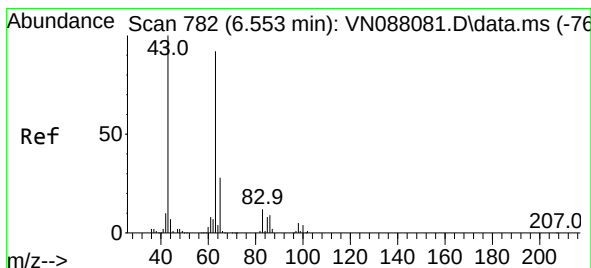
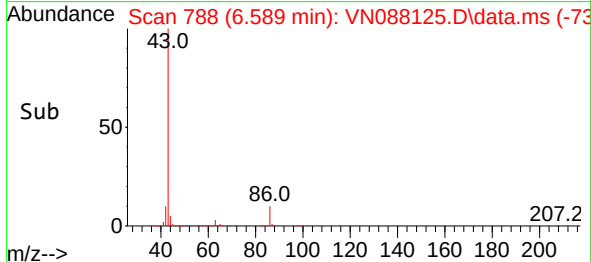
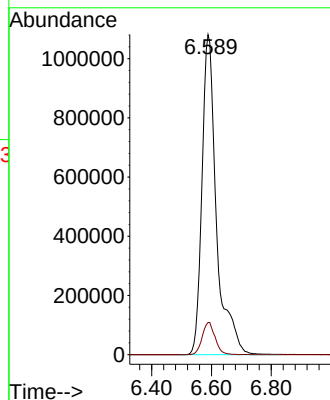
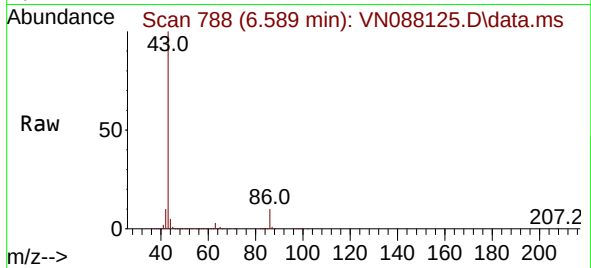




#23
 Vinyl Acetate
 Concen: 273.634 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

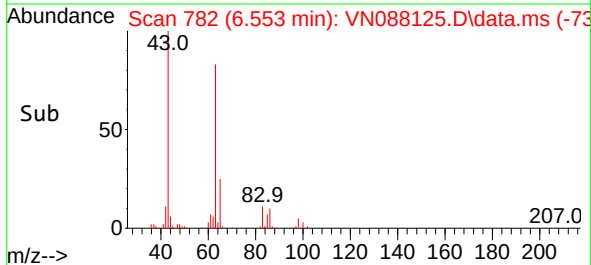
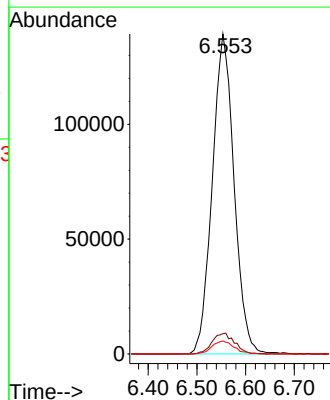
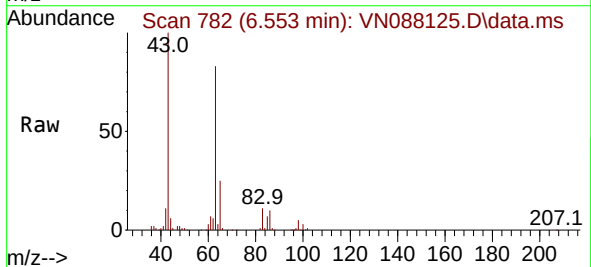
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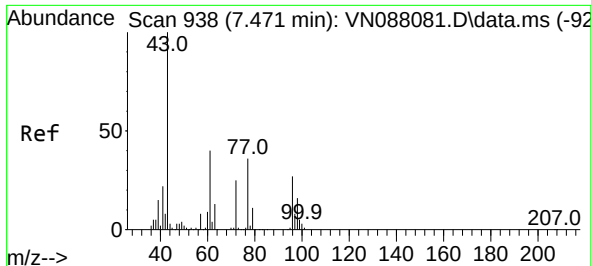
Tgt Ion: 43 Resp: 3632153
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.007 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

Tgt Ion: 63 Resp: 432685
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.0 2.0 6.0

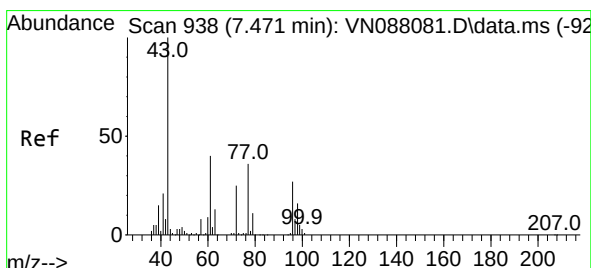
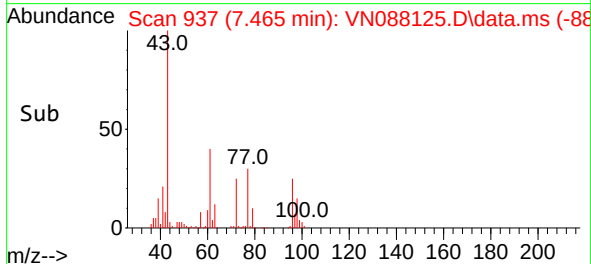
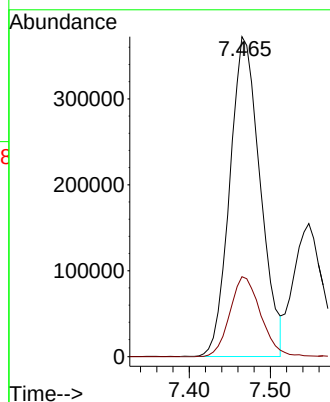
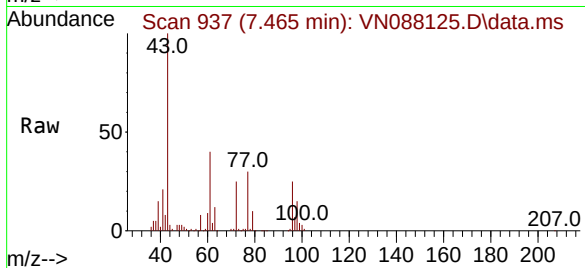




#25
2-Butanone
Concen: 266.193 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

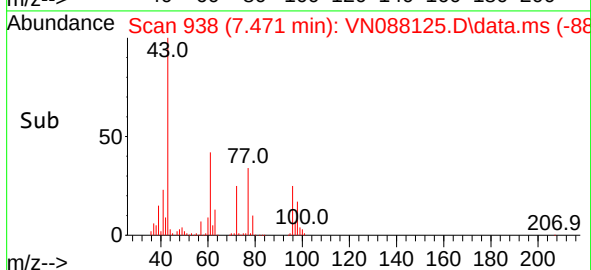
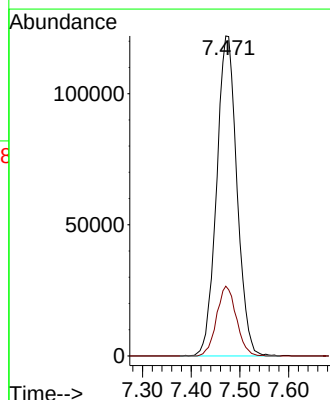
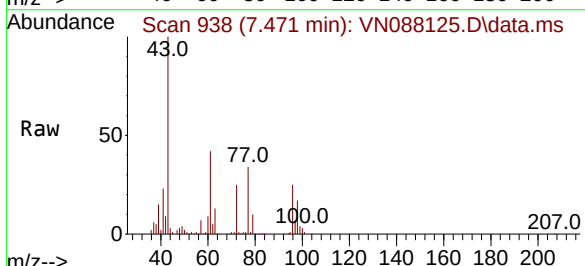
Instrument :
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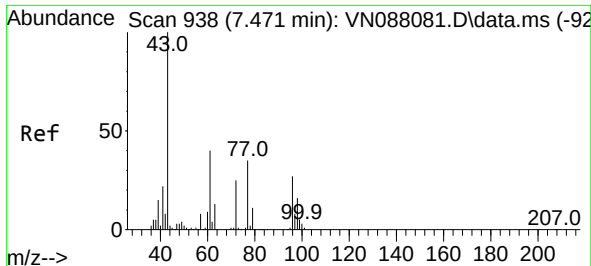
Tgt Ion: 43 Resp: 969283
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 47.772 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 77 Resp: 354364
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7



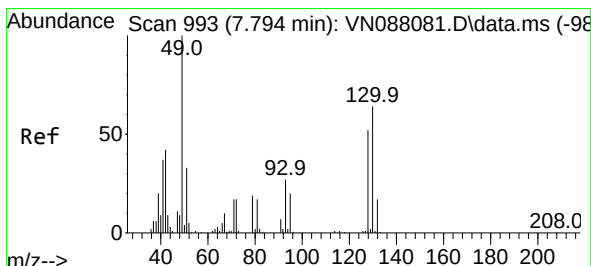
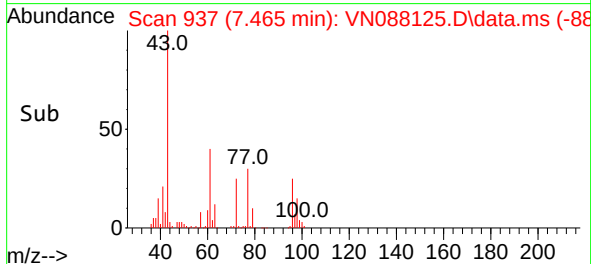
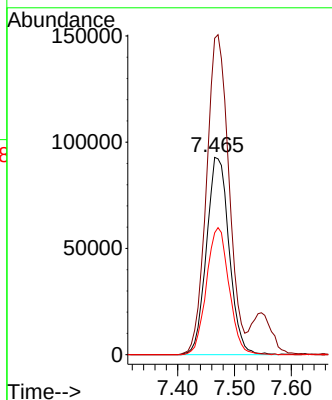
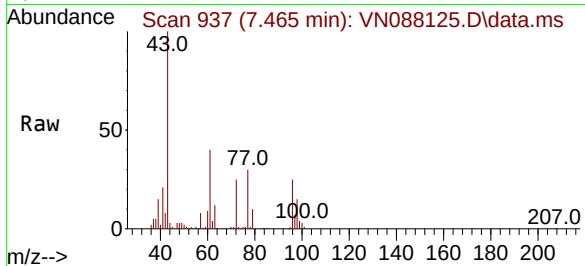


#27
 cis-1,2-Dichloroethene
 Concen: 50.871 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 256978

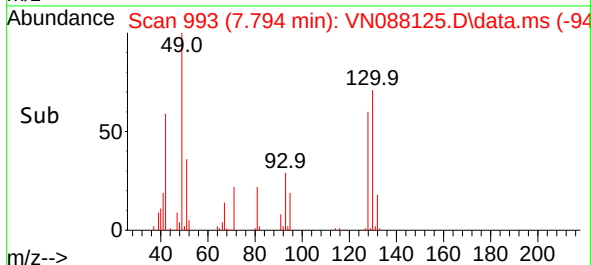
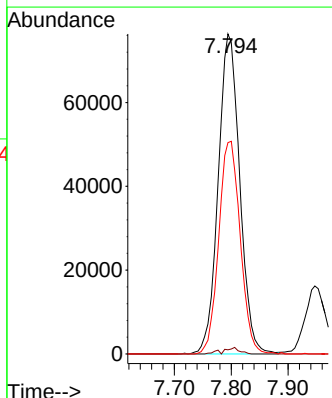
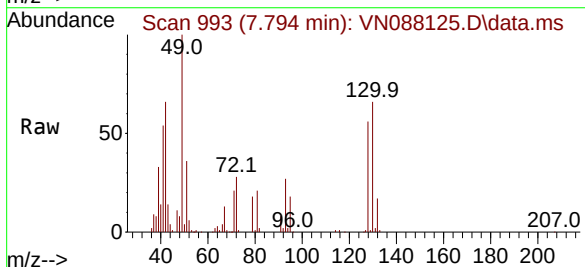
Ion	Ratio	Lower	Upper
96	100		
61	160.3	0.0	301.8
98	64.3	0.0	126.2

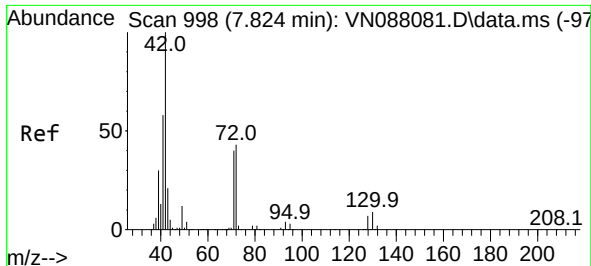


#28
 Bromochloromethane
 Concen: 52.231 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

Tgt Ion: 49 Resp: 201452

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.0
130	66.2	53.1	79.7





#29

Tetrahydrofuran

Concen: 260.604 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

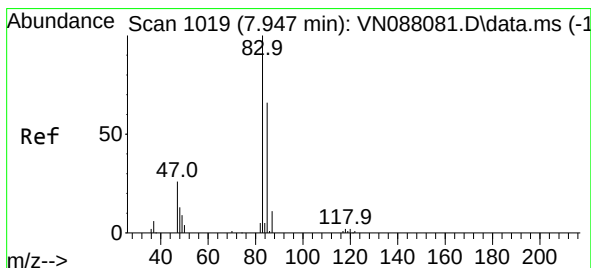
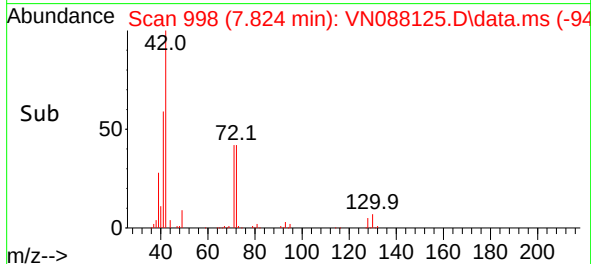
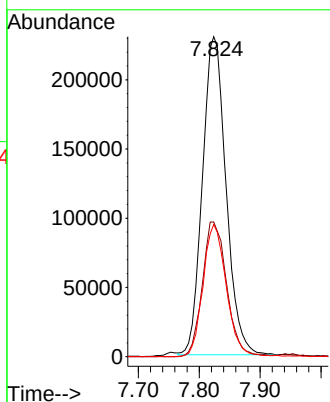
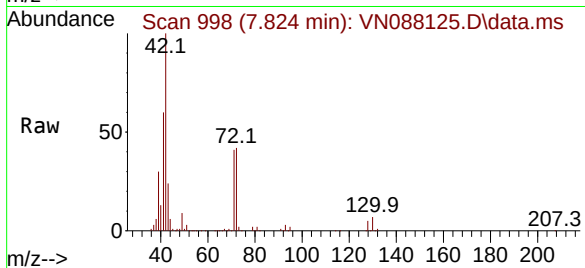
Tgt Ion: 42 Resp: 618421

Ion Ratio Lower Upper

42 100

72 43.6 33.7 50.5

71 41.1 31.9 47.9



#30

Chloroform

Concen: 54.038 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088125.D

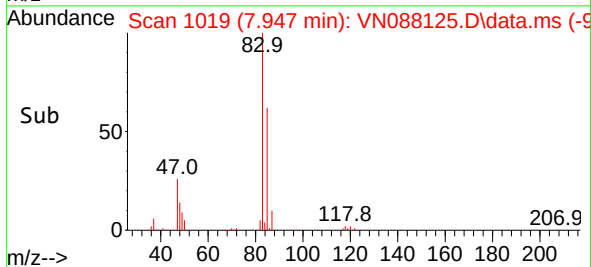
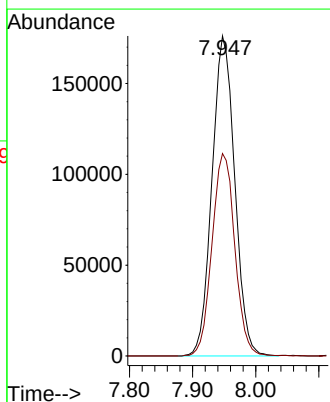
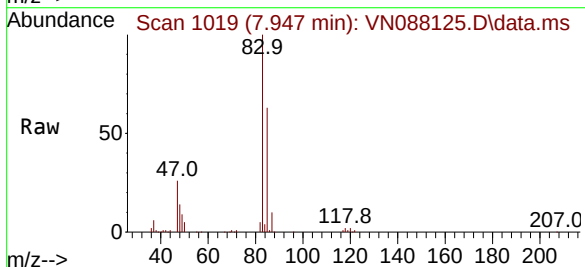
Acq: 27 Oct 2025 19:22

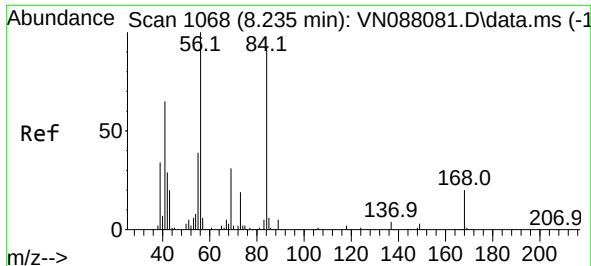
Tgt Ion: 83 Resp: 440664

Ion Ratio Lower Upper

83 100

85 63.3 50.7 76.1

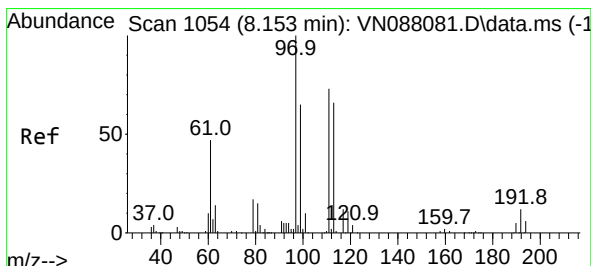
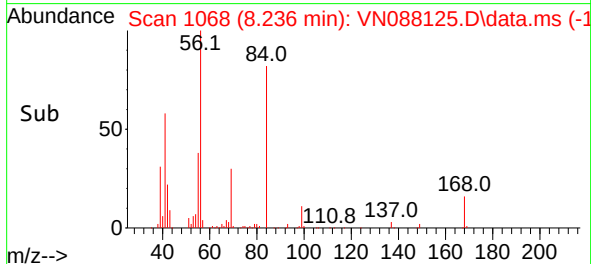
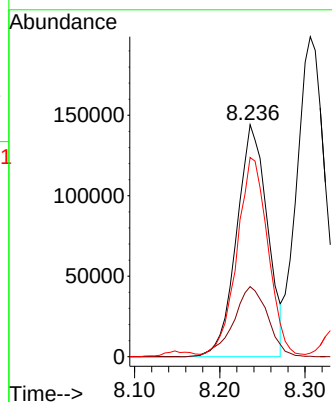
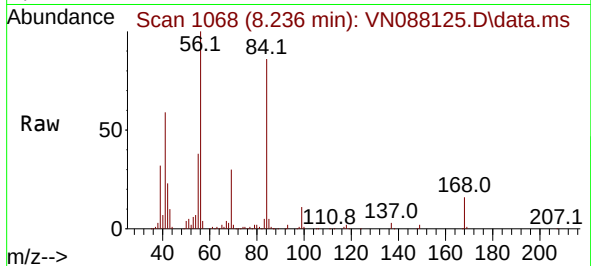




#31
Cyclohexane
Concen: 47.034 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

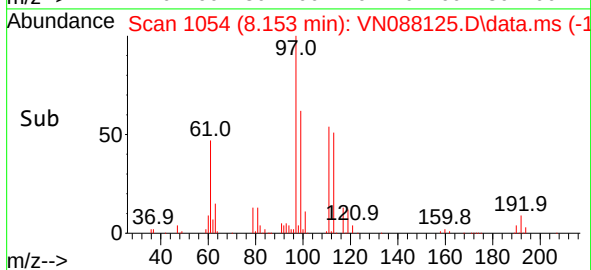
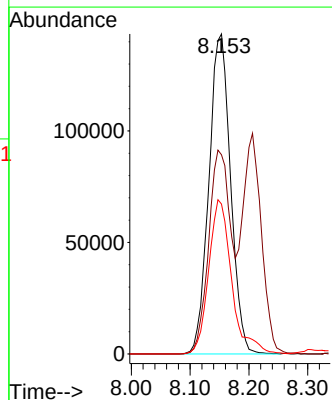
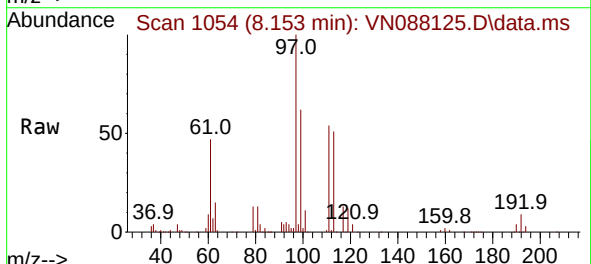
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

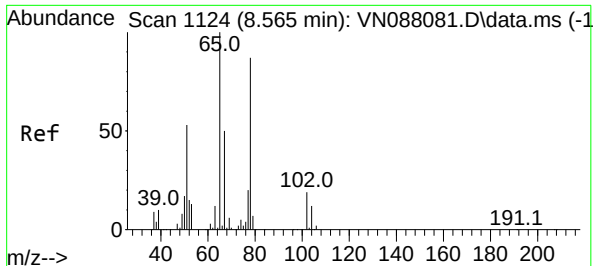
Tgt Ion: 56 Resp: 362093
Ion Ratio Lower Upper
56 100
69 30.2 23.7 35.5
84 84.0 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 50.651 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 97 Resp: 367879
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 51.2 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 51.783 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

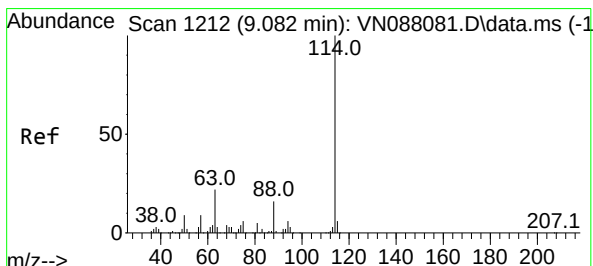
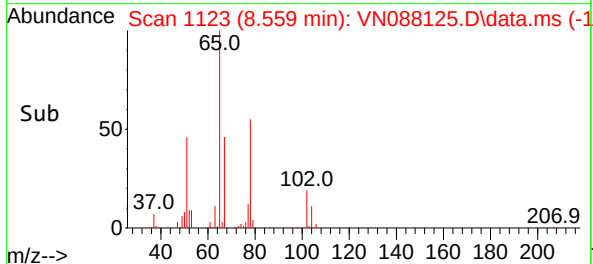
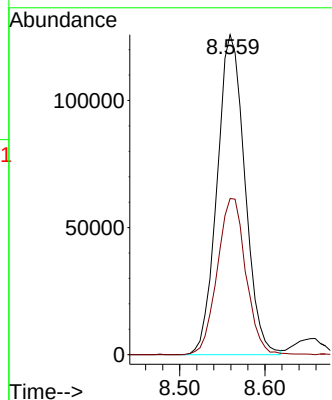
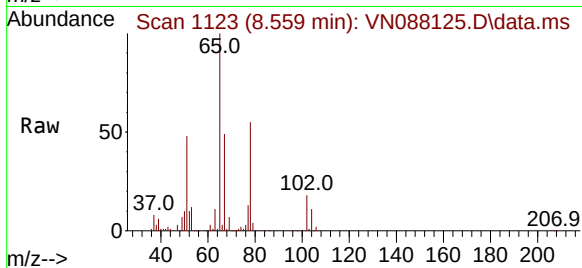
VSTDCCC050EC

Tgt Ion: 65 Resp: 284799

Ion Ratio Lower Upper

65 100

67 50.3 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: VN088125.D

Acq: 27 Oct 2025 19:22

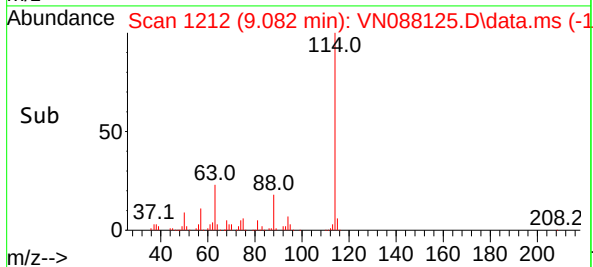
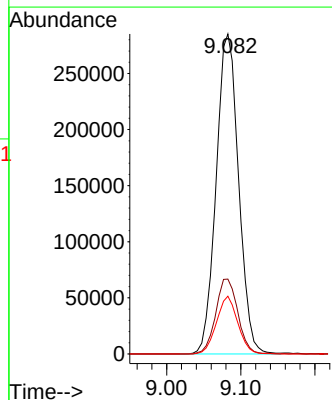
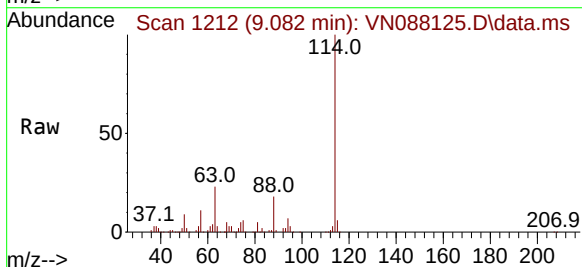
Tgt Ion: 114 Resp: 599670

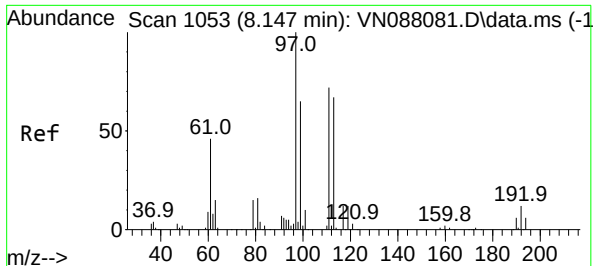
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 18.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.089 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

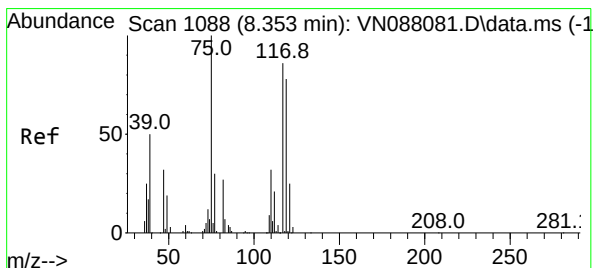
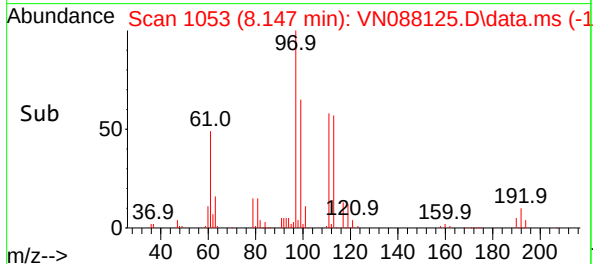
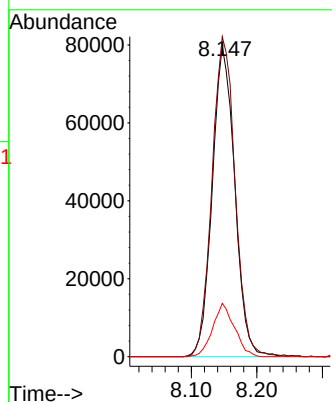
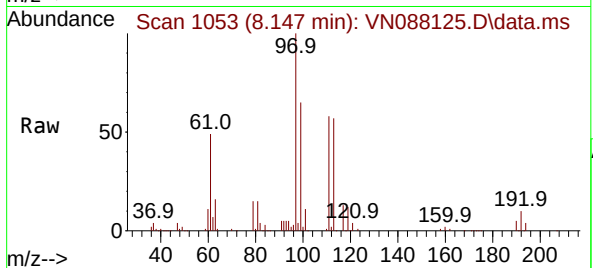
Tgt Ion:113 Resp: 189703

Ion Ratio Lower Upper

113 100

111 105.5 82.8 124.2

192 16.6 12.8 19.2



#36

1,1-Dichloropropene

Concen: 51.322 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

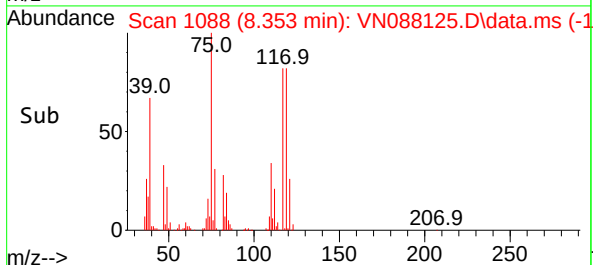
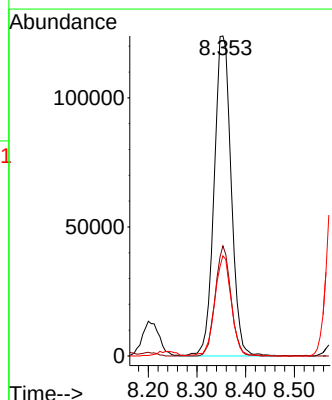
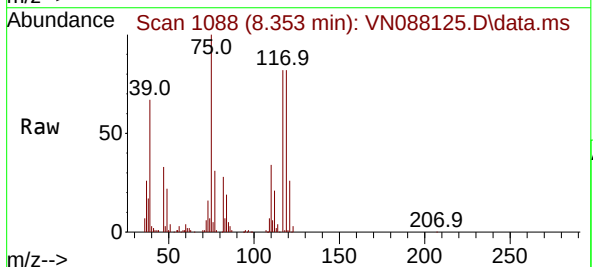
Tgt Ion: 75 Resp: 301889

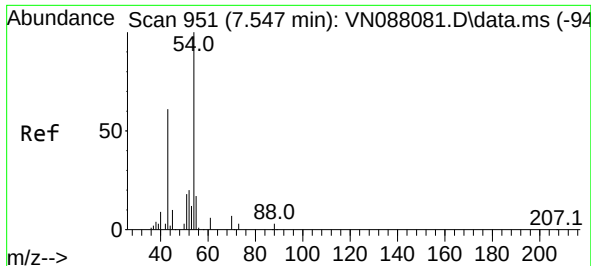
Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.6

77 30.3 24.4 36.6

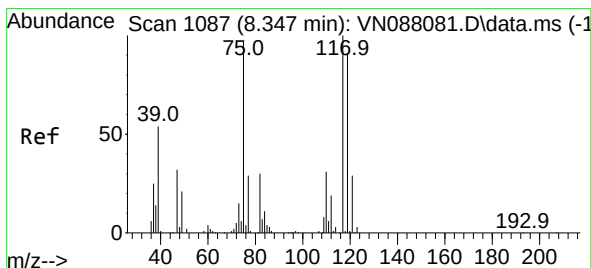
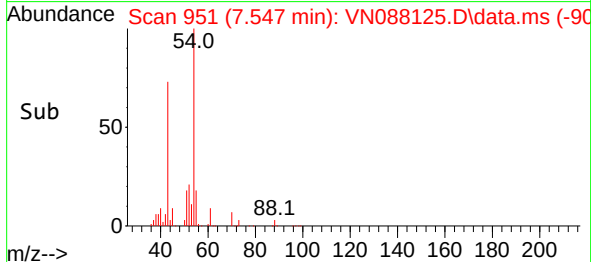
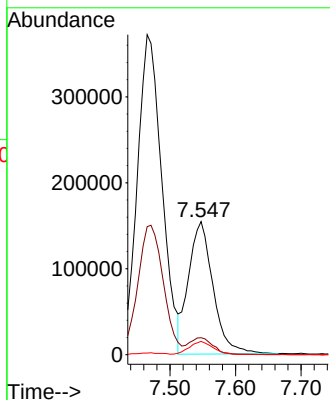
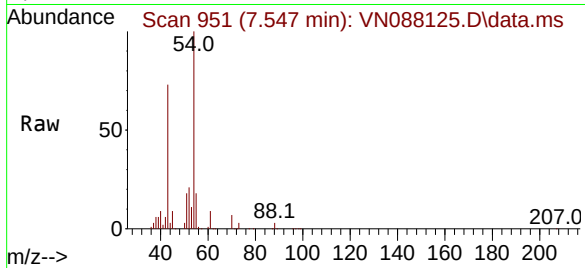




#37
Ethyl Acetate
Concen: 52.879 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

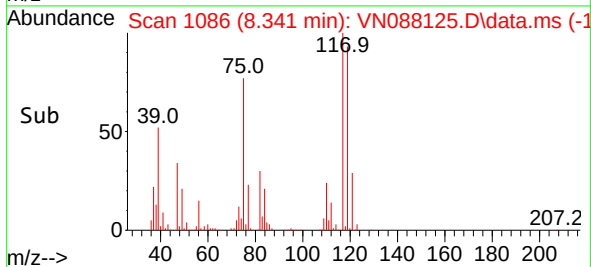
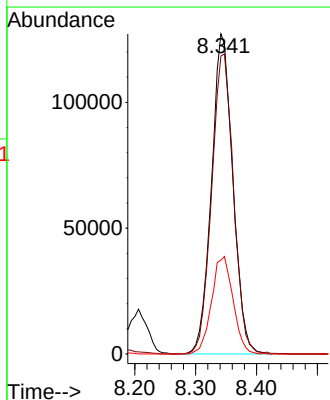
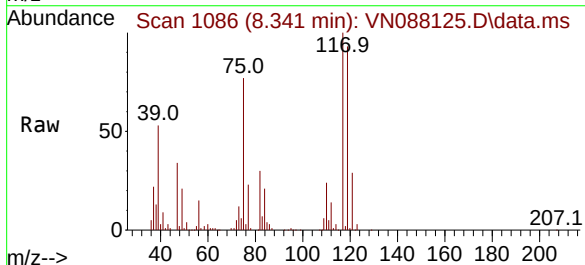
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

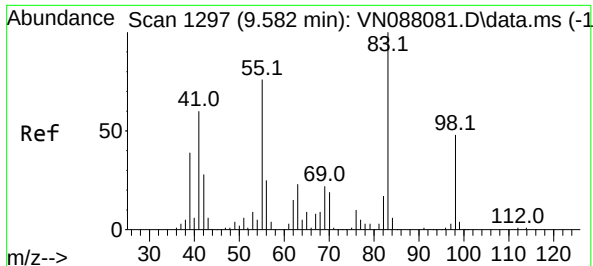
Tgt Ion: 43 Resp: 401401
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 9.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 51.069 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 117 Resp: 310261
Ion Ratio Lower Upper
117 100
119 93.1 79.0 118.6
121 29.3 25.0 37.6





#39

Methylcyclohexane

Concen: 45.665 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

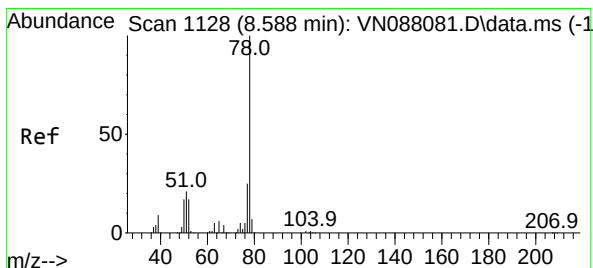
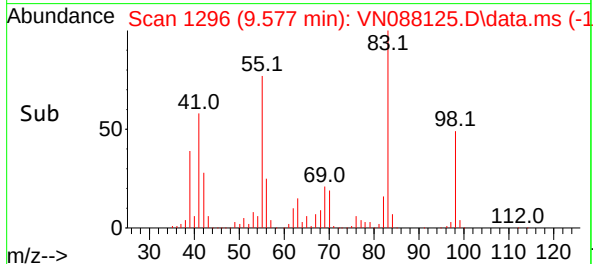
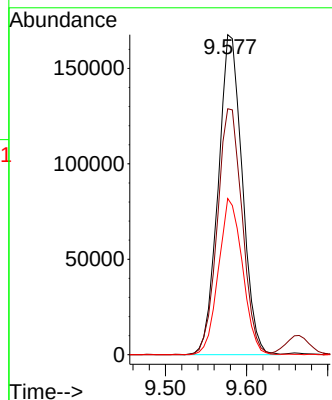
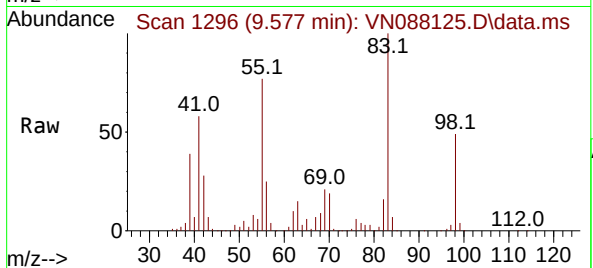
Tgt Ion: 83 Resp: 345268

Ion Ratio Lower Upper

83 100

55 76.8 64.6 96.8

98 48.8 38.4 57.6



#40

Benzene

Concen: 51.495 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088125.D

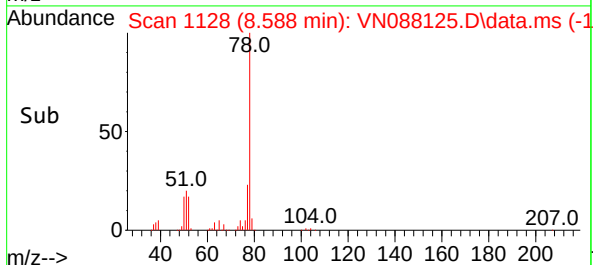
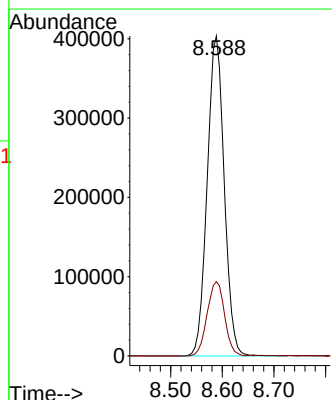
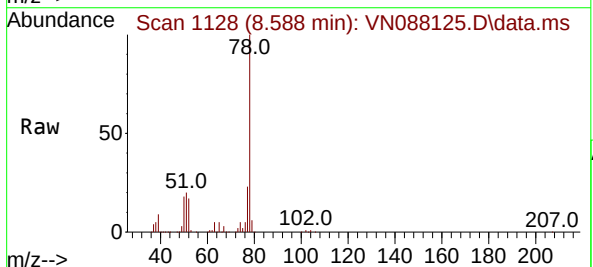
Acq: 27 Oct 2025 19:22

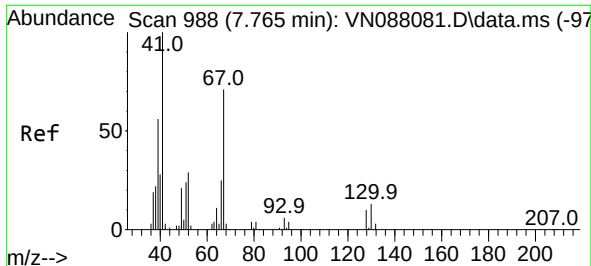
Tgt Ion: 78 Resp: 922487

Ion Ratio Lower Upper

78 100

77 23.2 19.7 29.5



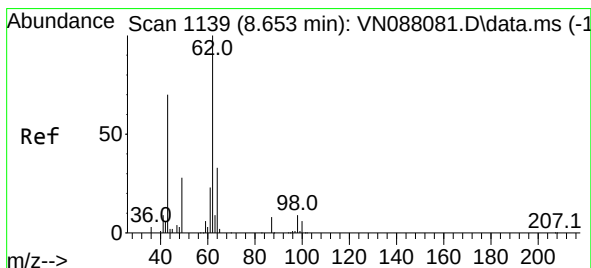
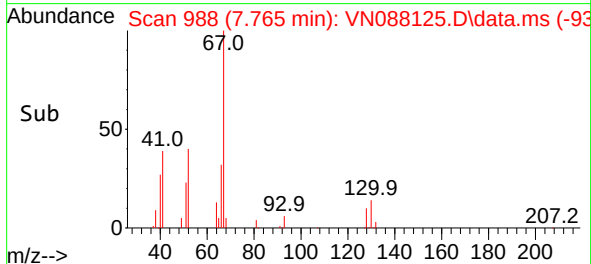
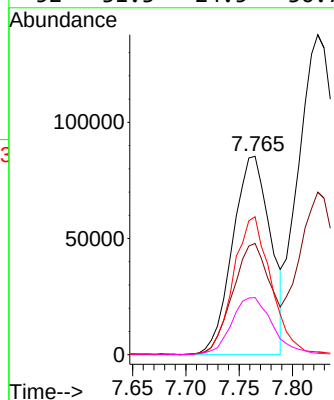
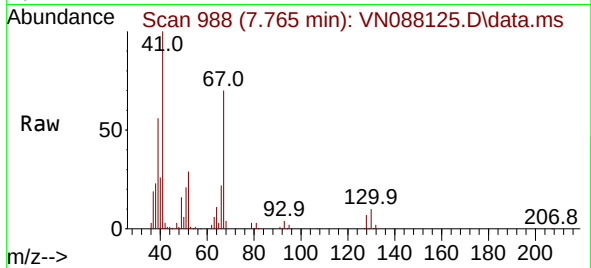


#41
Methacrylonitrile
Concen: 53.156 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 212370

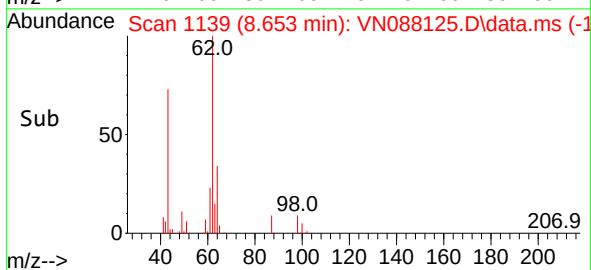
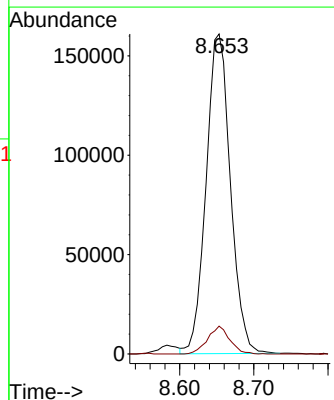
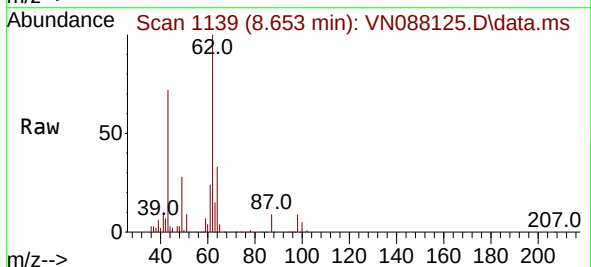
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.4	68.0
67	69.4	55.3	82.9
52	31.3	24.5	36.7

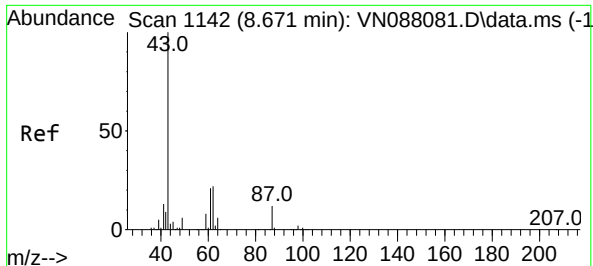


#42
1,2-Dichloroethane
Concen: 57.643 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 62 Resp: 366906

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.4

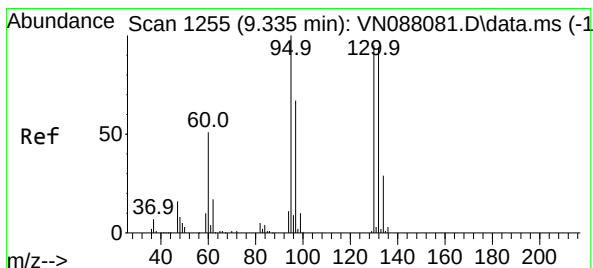
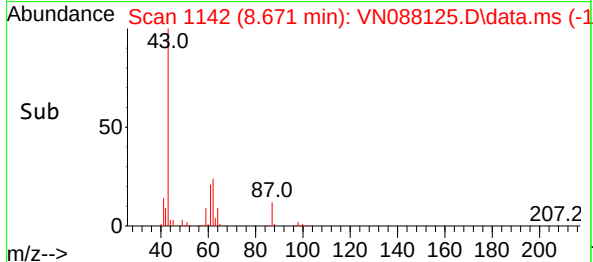
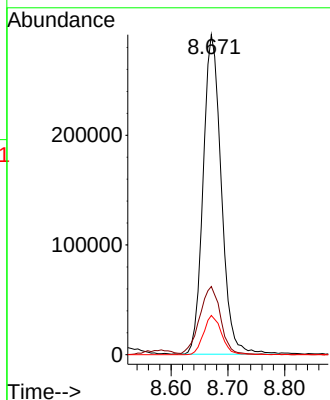
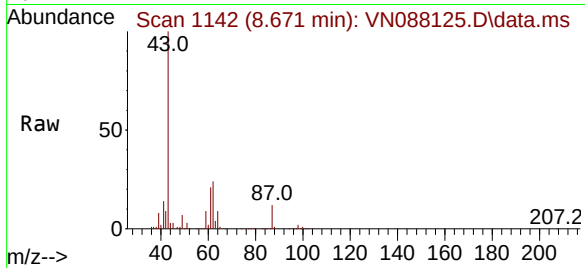




#43
Isopropyl Acetate
Concen: 55.281 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

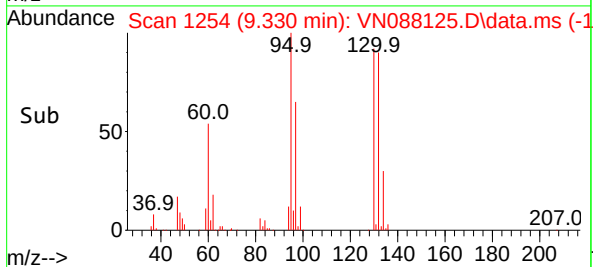
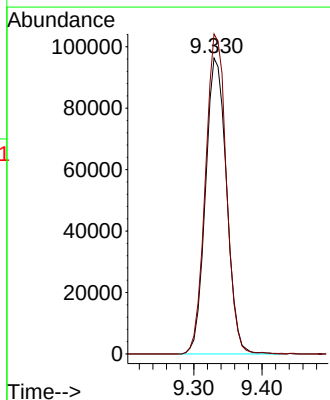
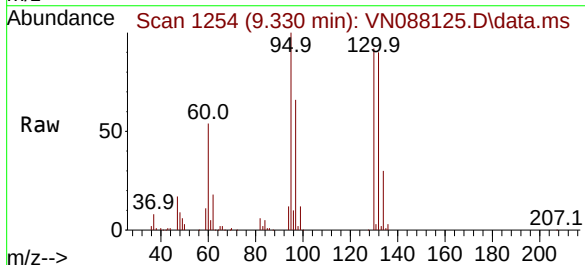
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

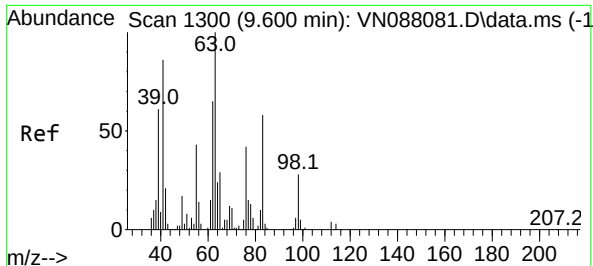
Tgt Ion: 43 Resp: 644821
Ion Ratio Lower Upper
43 100
61 24.4 18.8 28.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 49.453 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:130 Resp: 207072
Ion Ratio Lower Upper
130 100
95 108.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 52.629 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

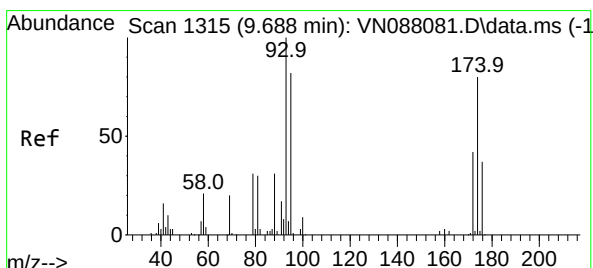
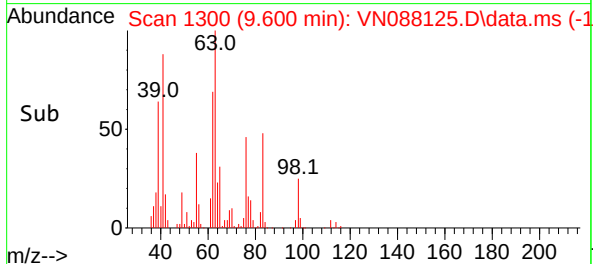
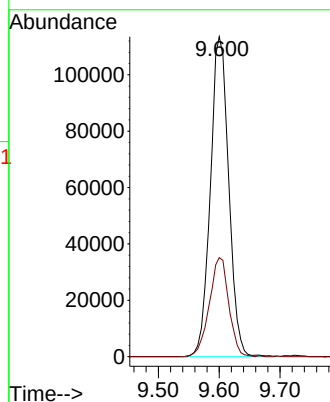
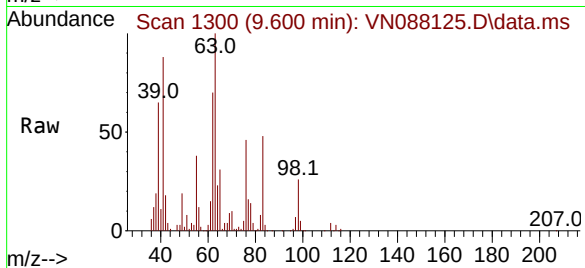
VSTDCCC050EC

Tgt Ion: 63 Resp: 238018

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 54.587 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

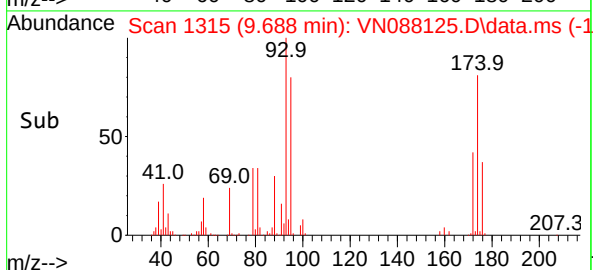
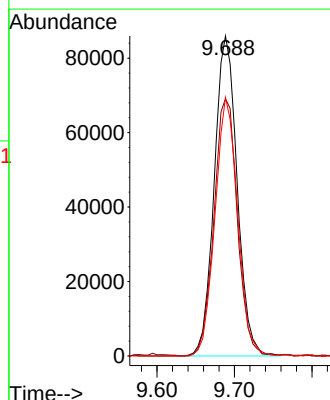
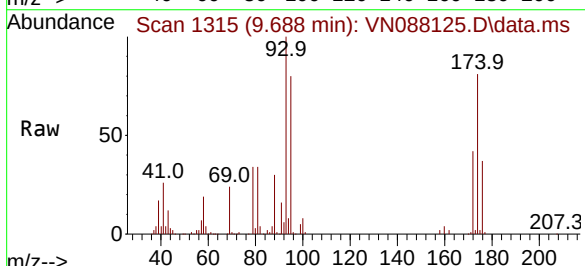
Tgt Ion: 93 Resp: 176071

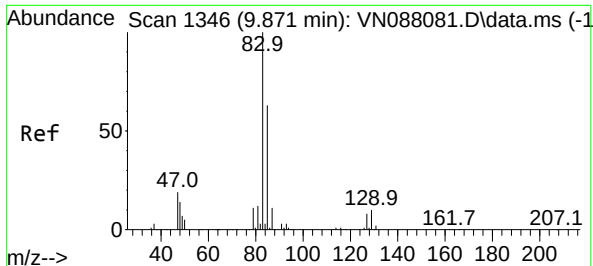
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 80.0 63.4 95.2

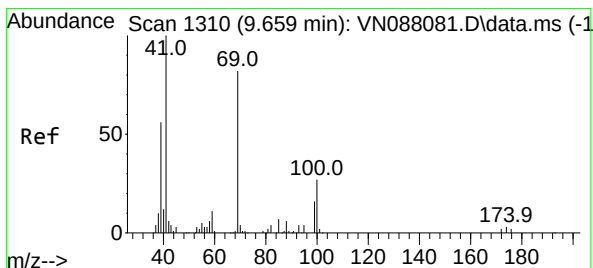
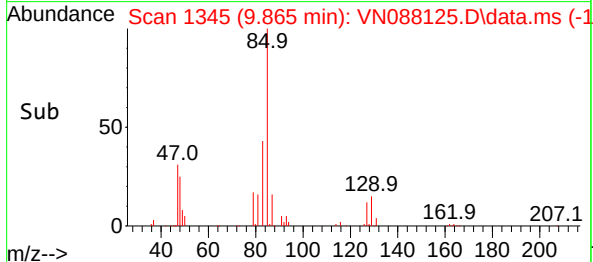
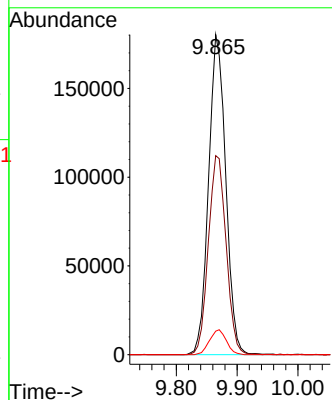
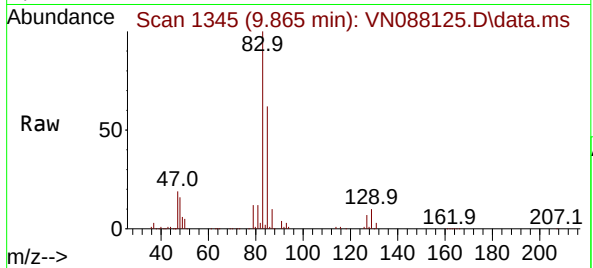




#47
Bromodichloromethane
Concen: 54.676 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

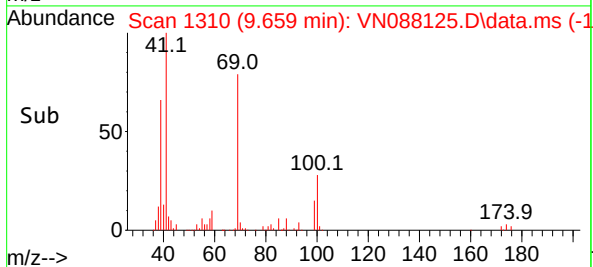
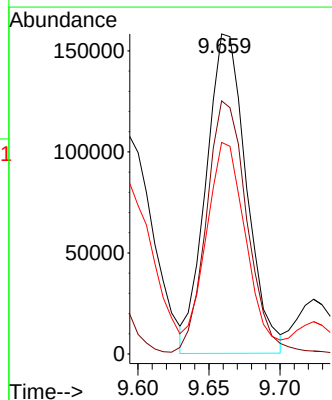
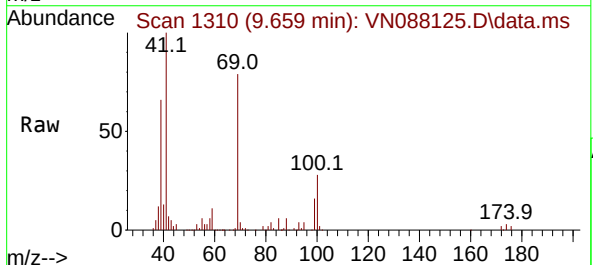
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

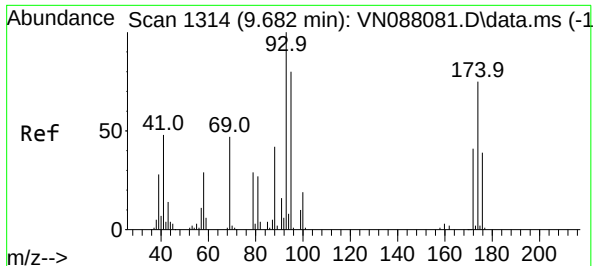
Tgt Ion: 83 Resp: 353090
Ion Ratio Lower Upper
83 100
85 62.2 52.5 78.7
127 7.4 5.8 8.6



#48
Methyl methacrylate
Concen: 58.085 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 41 Resp: 312803
Ion Ratio Lower Upper
41 100
69 79.2 62.7 94.1
39 65.2 52.9 79.3





#49

1,4-Dioxane

Concen: 1041.087 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

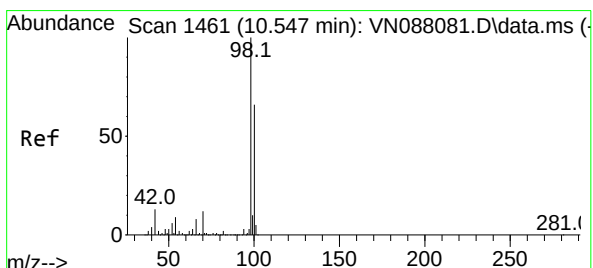
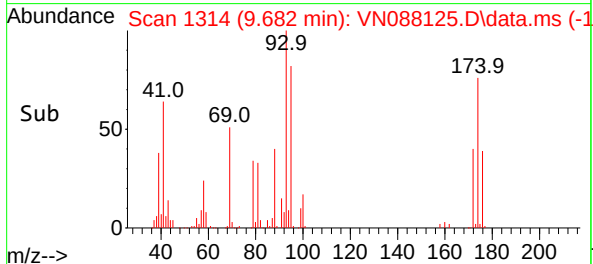
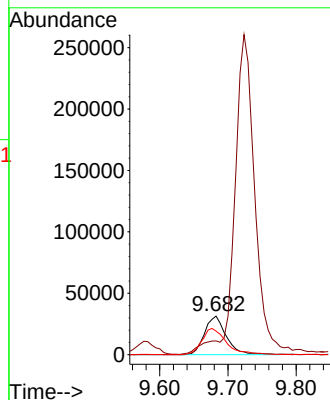
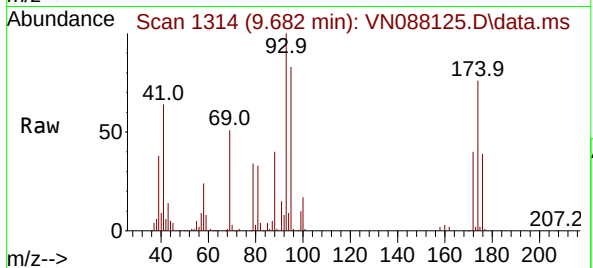
Tgt Ion: 88 Resp: 69730

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.5 57.9 86.9



#50

Toluene-d8

Concen: 46.666 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088125.D

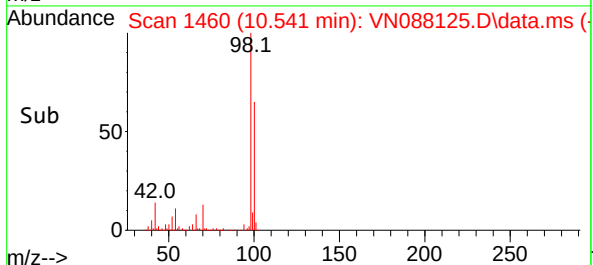
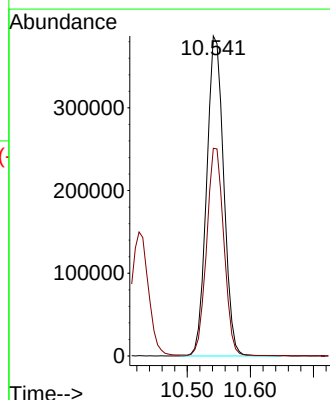
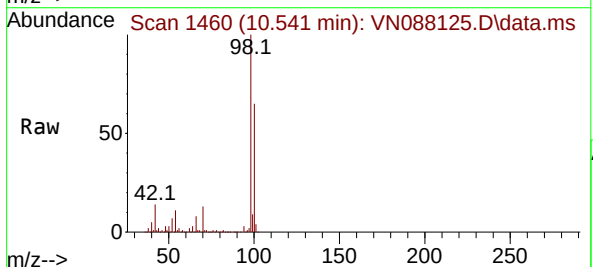
Acq: 27 Oct 2025 19:22

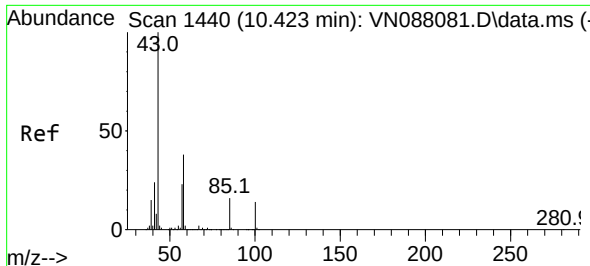
Tgt Ion: 98 Resp: 724395

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2

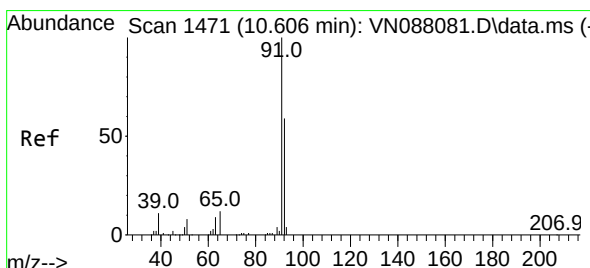
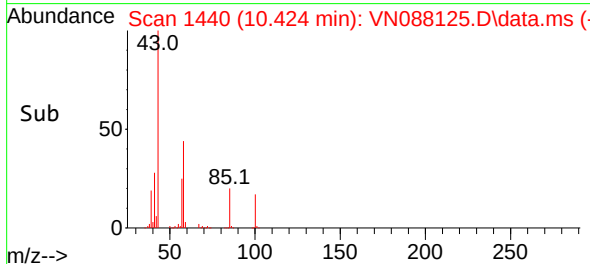
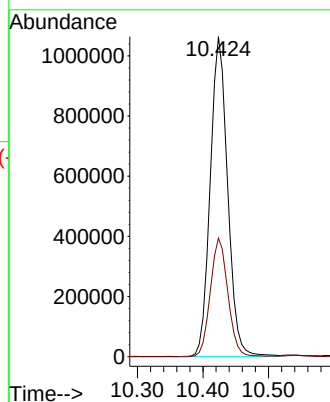
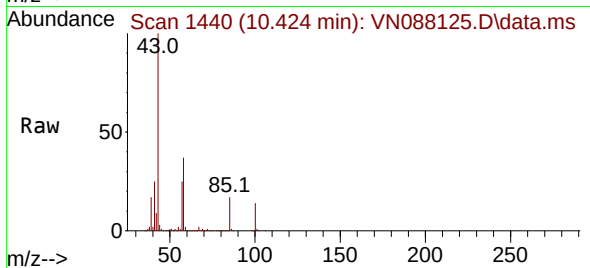




#51
4-Methyl-2-Pentanone
Concen: 283.896 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

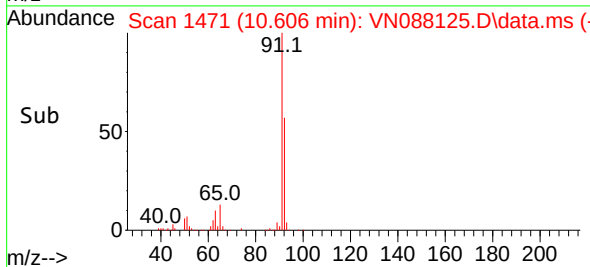
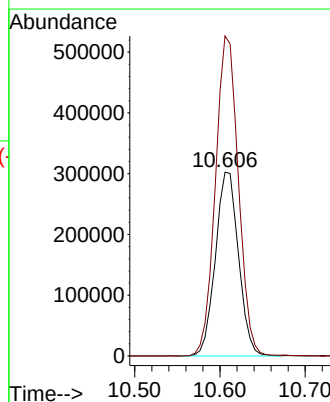
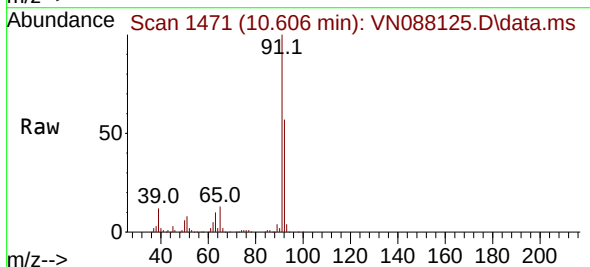
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

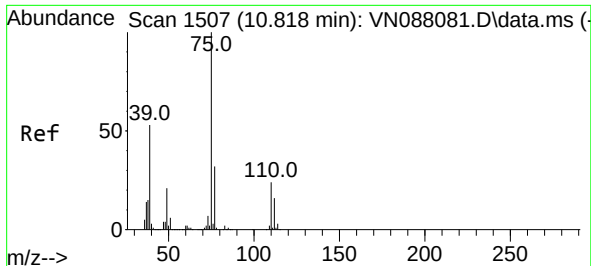
Tgt Ion: 43 Resp: 1959018
Ion Ratio Lower Upper
43 100
58 37.5 29.6 44.4



#52
Toluene
Concen: 51.561 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 92 Resp: 569486
Ion Ratio Lower Upper
92 100
91 173.5 140.4 210.6

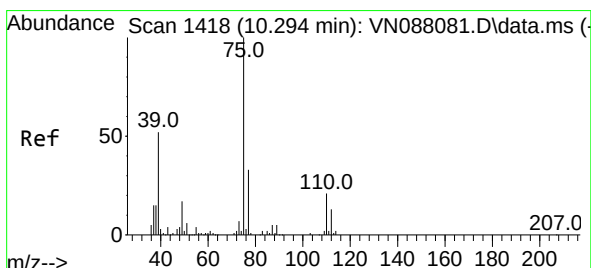
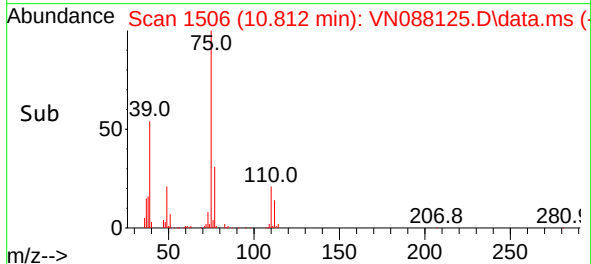
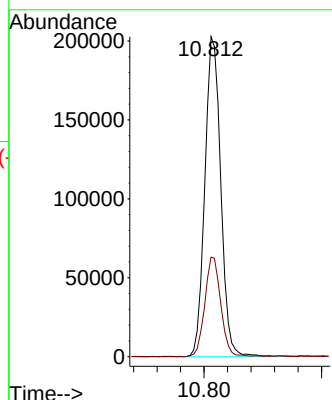
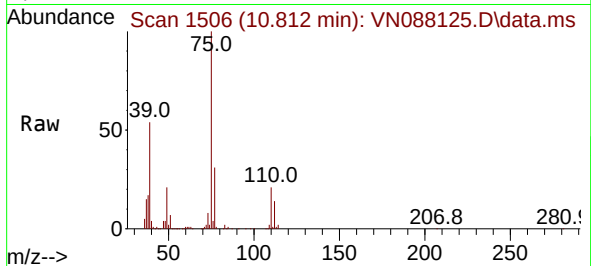




#53
 t-1,3-Dichloropropene
 Concen: 55.527 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

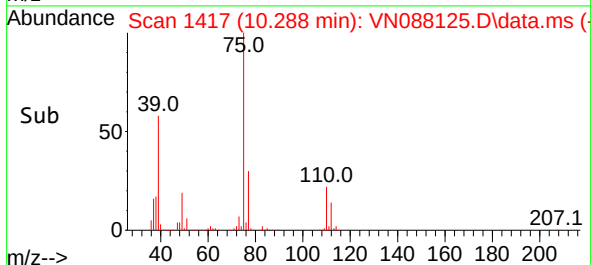
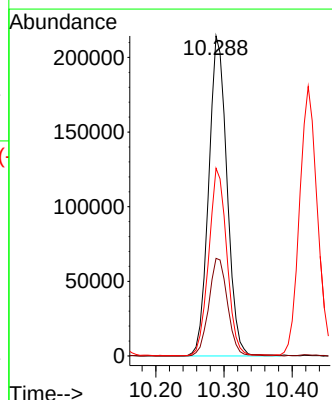
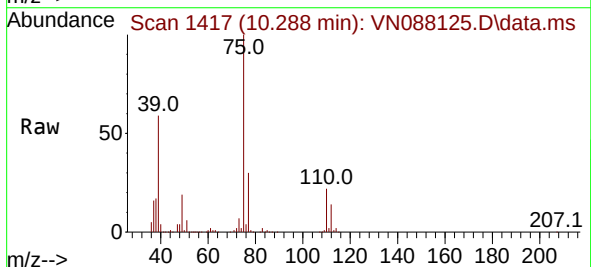
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

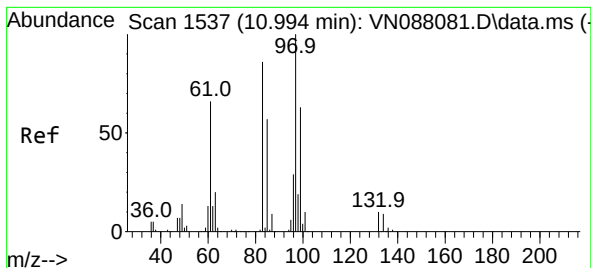
Tgt Ion: 75 Resp: 381649
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.914 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

Tgt Ion: 75 Resp: 400510
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0
 39 58.6 45.2 67.8

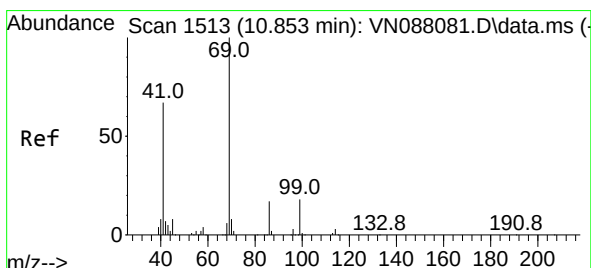
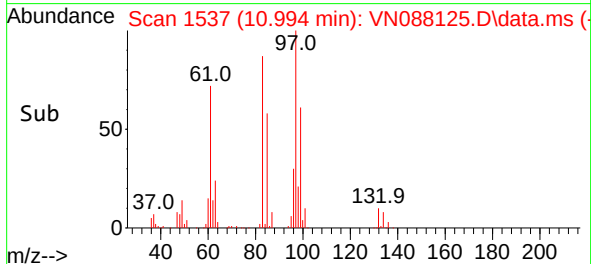
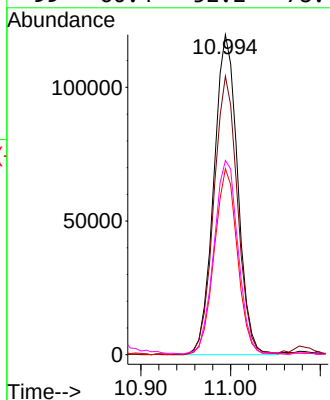
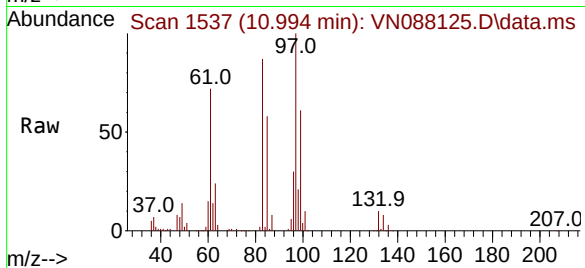




#55
1,1,2-Trichloroethane
Concen: 52.591 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

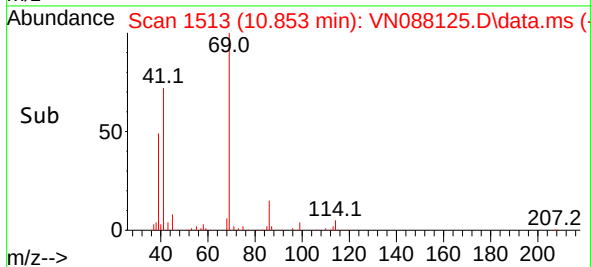
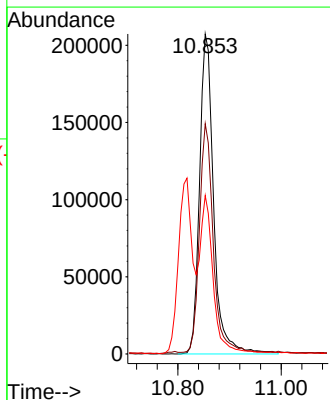
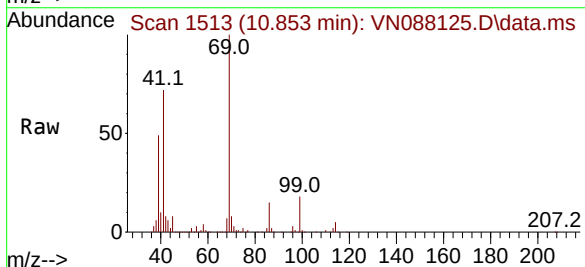
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

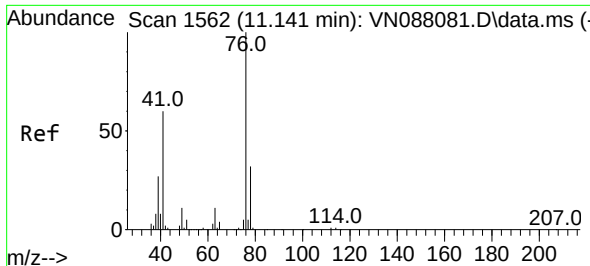
Tgt Ion: 97	Resp: 220370
Ion Ratio	Lower Upper
97 100	
83 86.9	68.2 102.4
85 57.8	45.5 68.3
99 60.4	52.2 78.4



#56
Ethyl methacrylate
Concen: 59.185 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 69	Resp: 392464
Ion Ratio	Lower Upper
69 100	
41 69.4	56.5 84.7
39 44.9	34.2 51.4





#57

1,3-Dichloropropane

Concen: 54.187 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

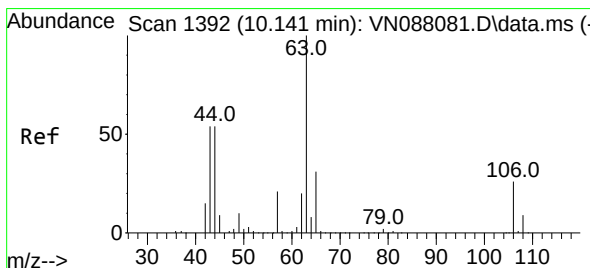
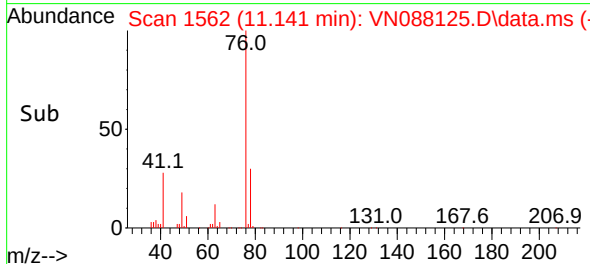
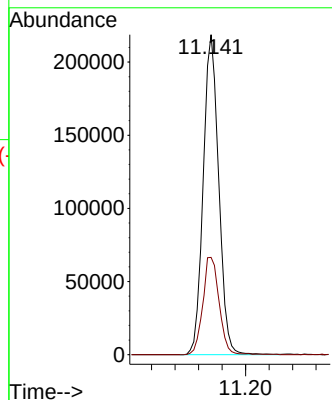
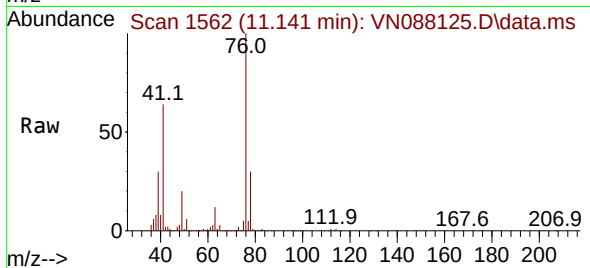
VSTDCCC050EC

Tgt Ion: 76 Resp: 399100

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 314.869 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088125.D

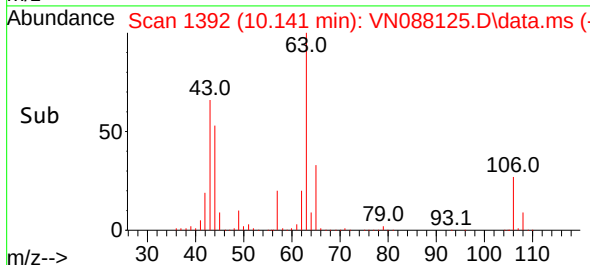
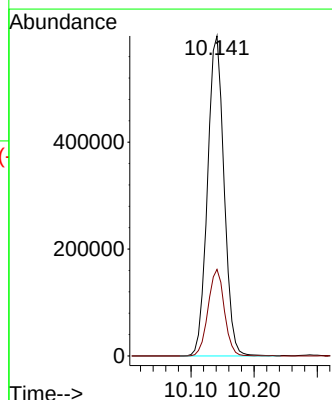
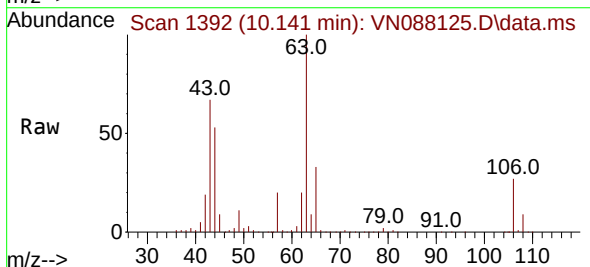
Acq: 27 Oct 2025 19:22

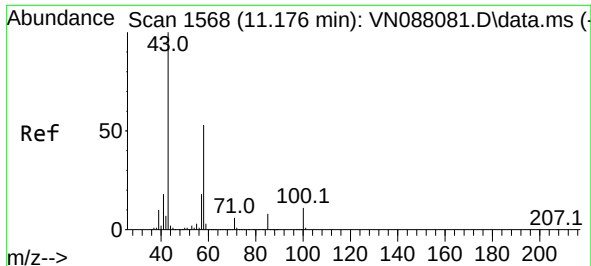
Tgt Ion: 63 Resp: 1086061

Ion Ratio Lower Upper

63 100

106 26.6 21.1 31.7

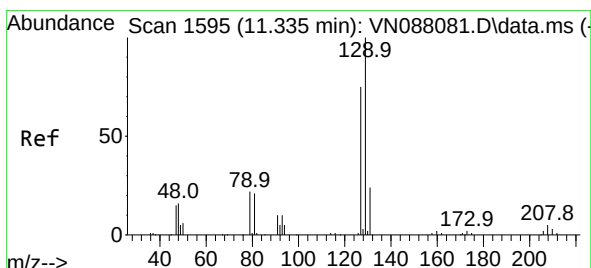
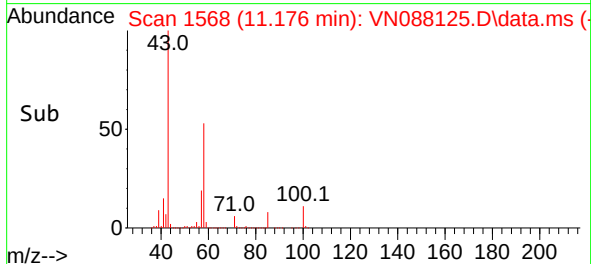
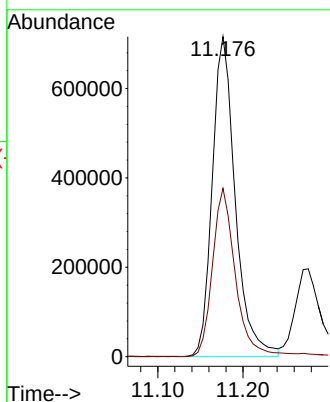
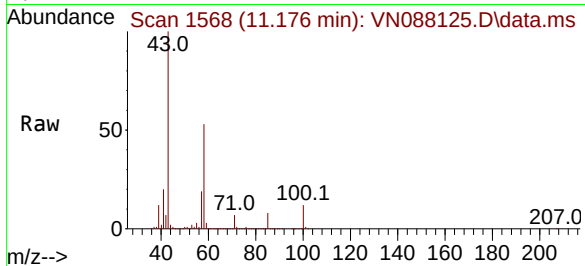




#59
2-Hexanone
Concen: 292.833 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

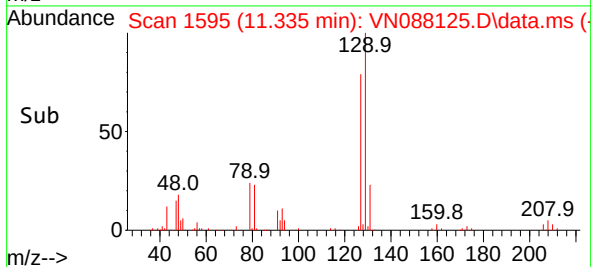
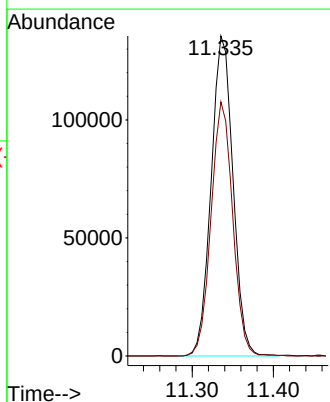
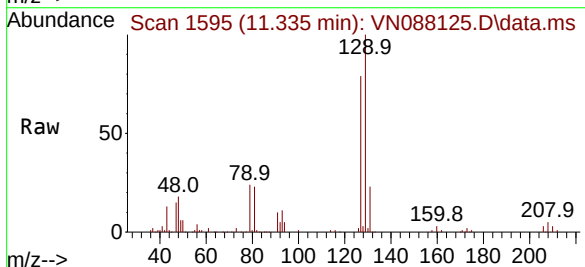
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

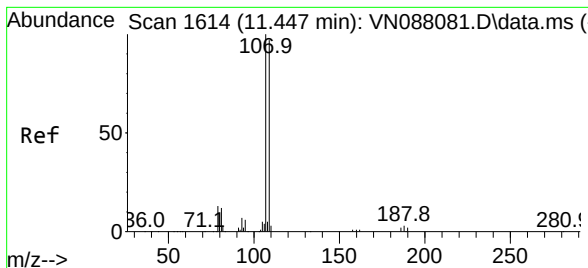
Tgt Ion: 43 Resp: 1340477
Ion Ratio Lower Upper
43 100
58 54.0 25.9 77.8



#60
Dibromochloromethane
Concen: 53.227 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:129 Resp: 253505
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3

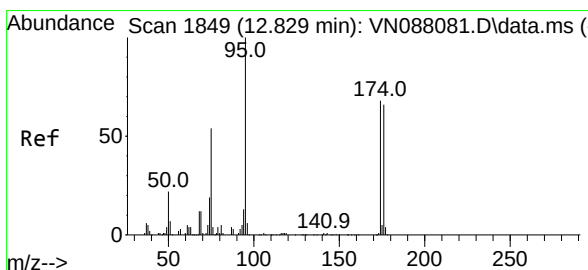
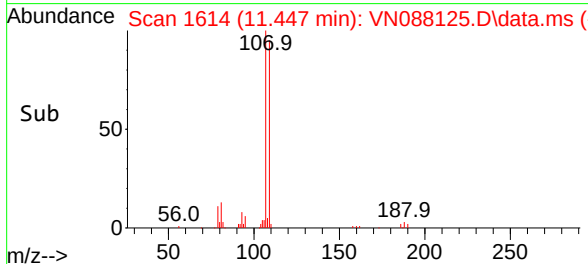
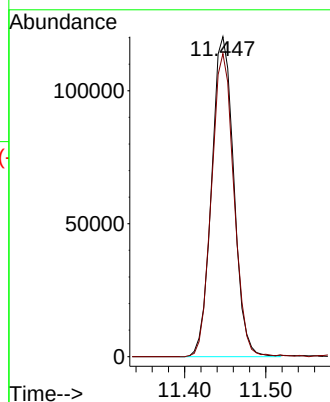
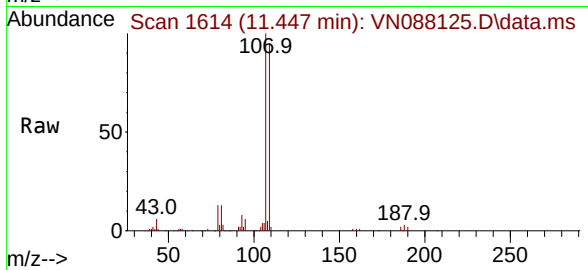




#61
1,2-Dibromoethane
Concen: 52.946 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

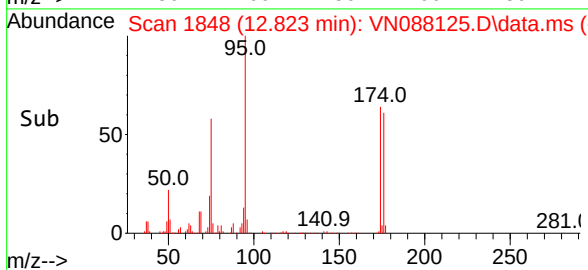
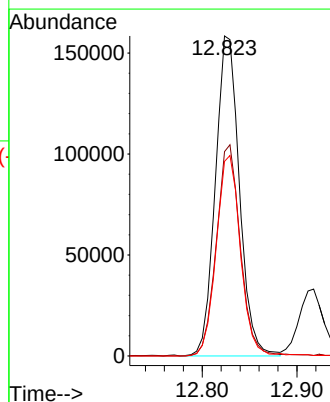
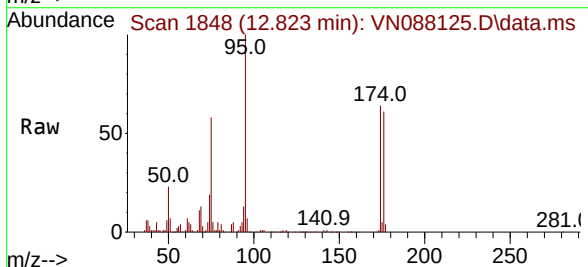
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

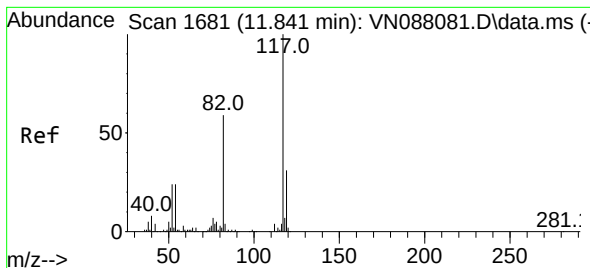
Tgt Ion:107 Resp: 228328
Ion Ratio Lower Upper
107 100
109 95.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 51.087 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 95 Resp: 280067
Ion Ratio Lower Upper
95 100
174 65.9 0.0 138.4
176 63.3 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

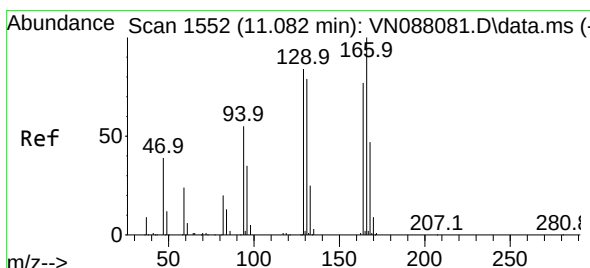
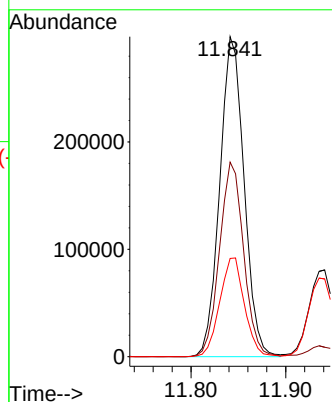
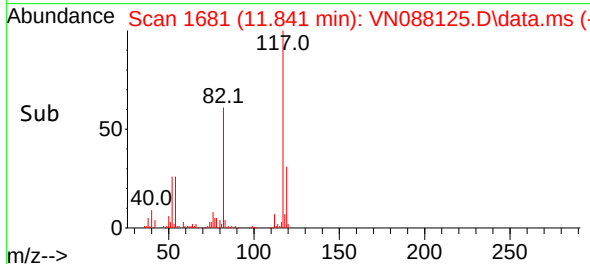
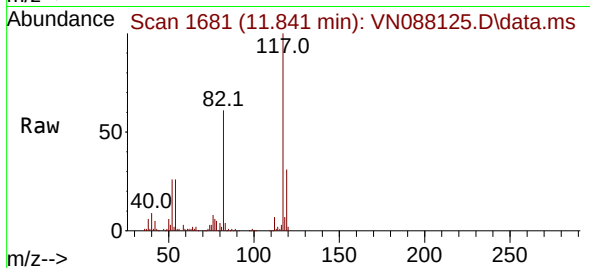
Tgt Ion:117 Resp: 531440

Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.2

119 30.7 24.3 36.5



#64

Tetrachloroethene

Concen: 46.674 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Tgt Ion:164 Resp: 163615

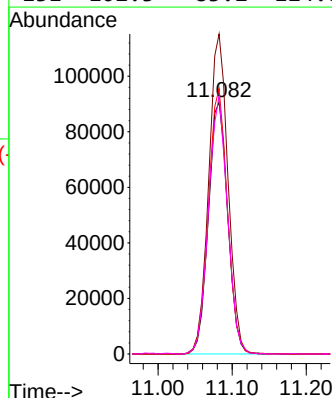
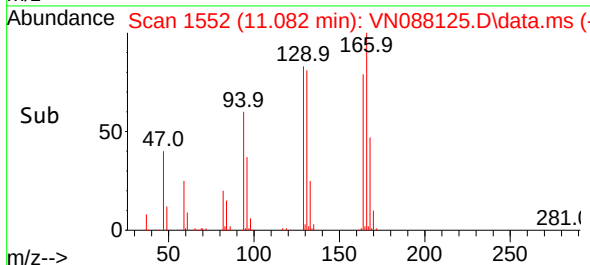
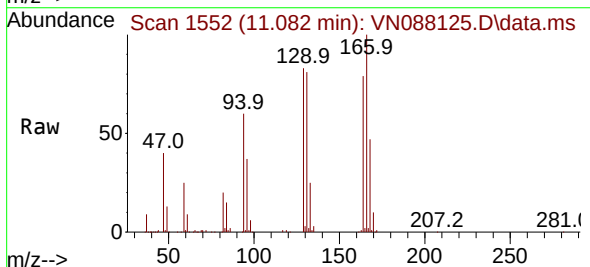
Ion Ratio Lower Upper

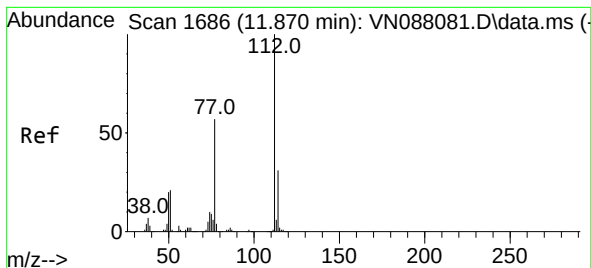
164 100

166 127.0 97.7 146.5

129 105.3 85.9 128.9

131 102.3 83.2 124.8





#65

Chlorobenzene

Concen: 50.897 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

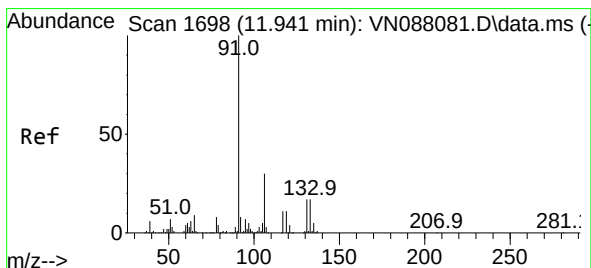
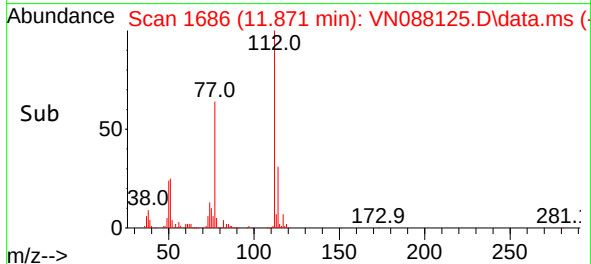
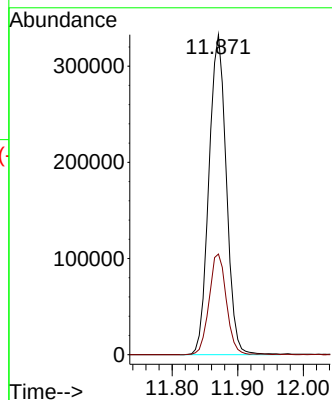
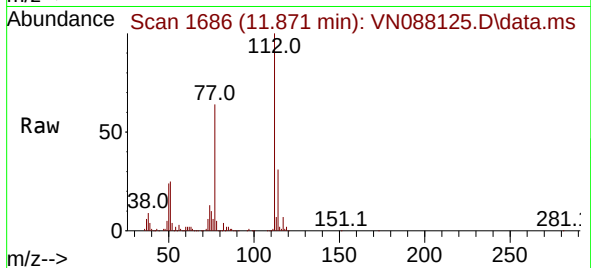
VSTDCCC050EC

Tgt Ion:112 Resp: 614185

Ion Ratio Lower Upper

112 100

114 31.5 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.522 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

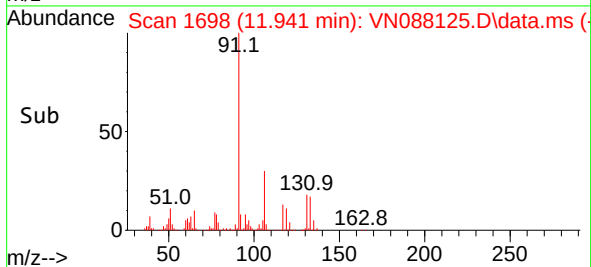
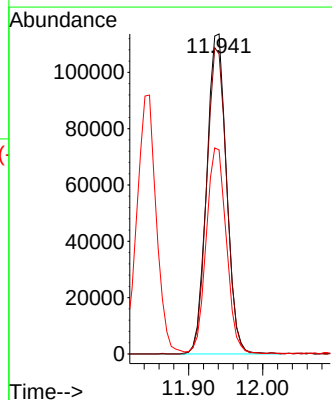
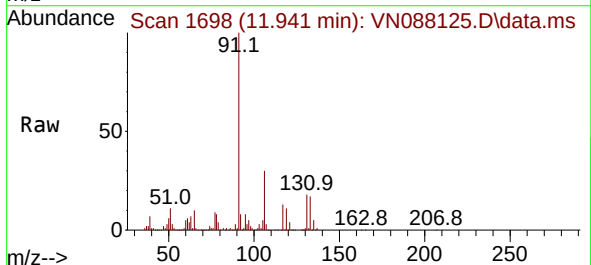
Tgt Ion:131 Resp: 211600

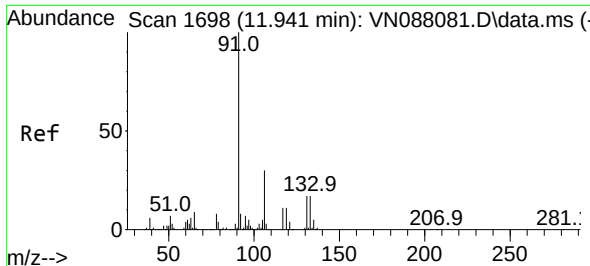
Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 51.687 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

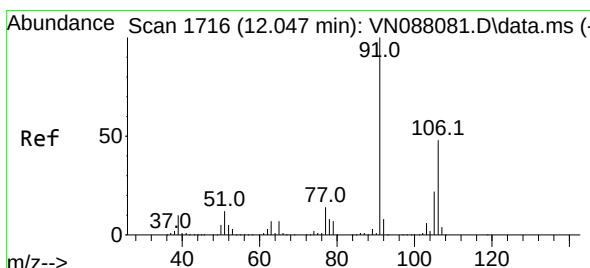
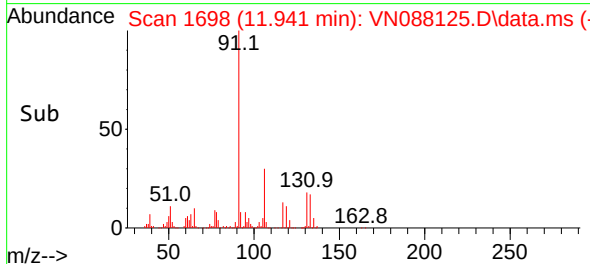
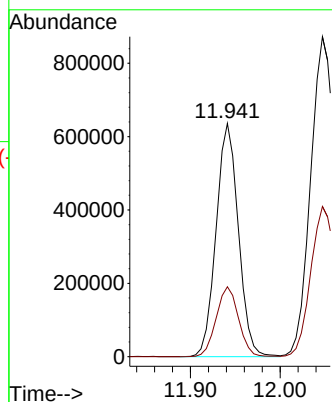
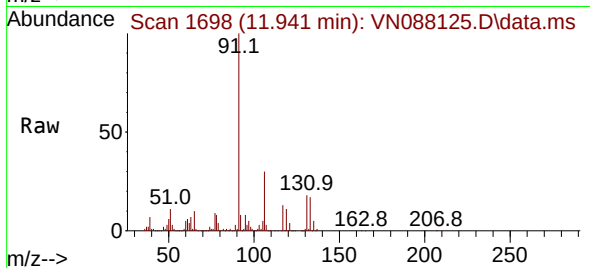
VSTDCCC050EC

Tgt Ion: 91 Resp: 1094837

Ion Ratio Lower Upper

91 100

106 29.9 24.1 36.1



#68

m/p-Xylenes

Concen: 102.849 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088125.D

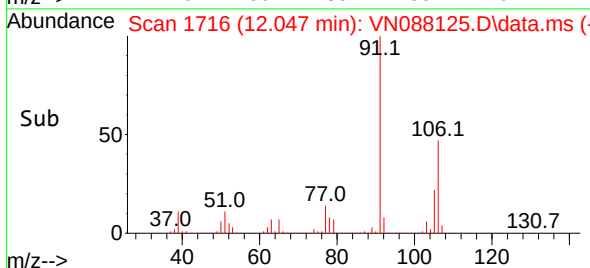
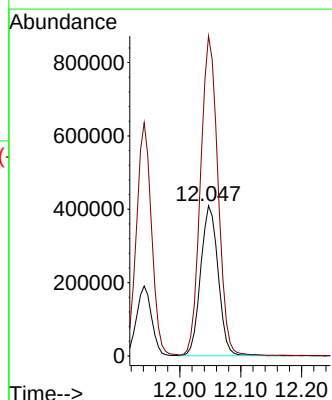
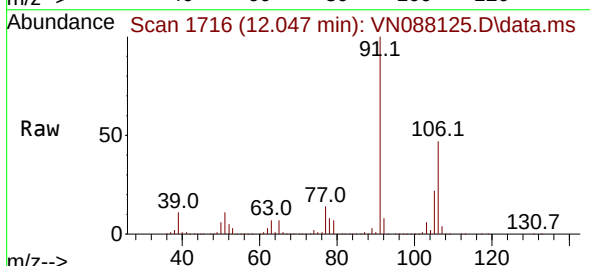
Acq: 27 Oct 2025 19:22

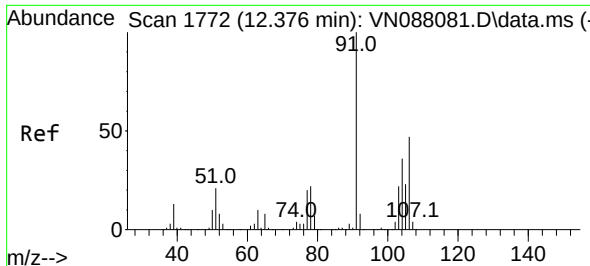
Tgt Ion:106 Resp: 816258

Ion Ratio Lower Upper

106 100

91 211.8 169.3 253.9

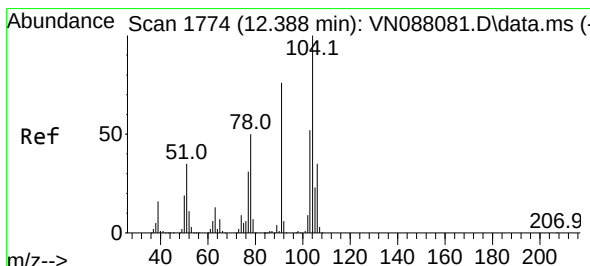
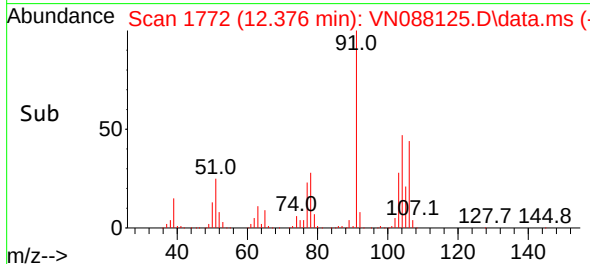
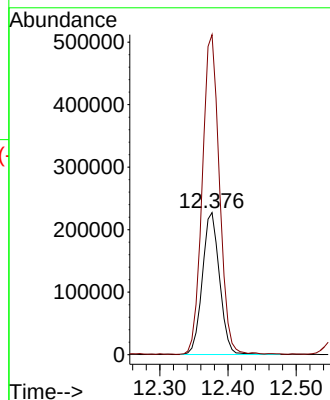
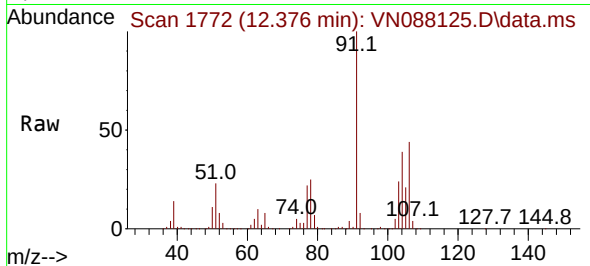




#69
o-Xylene
Concen: 52.834 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

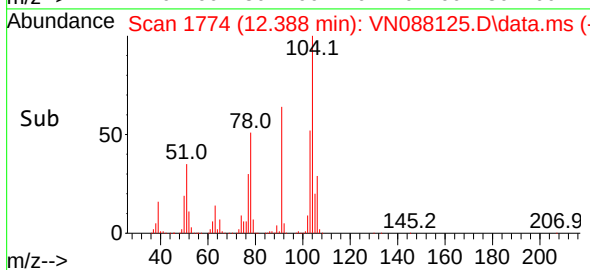
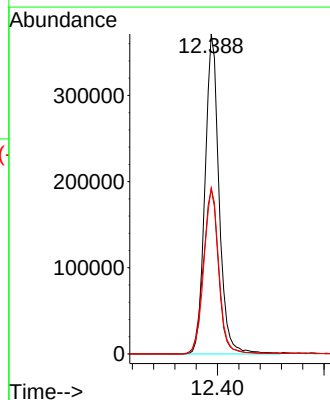
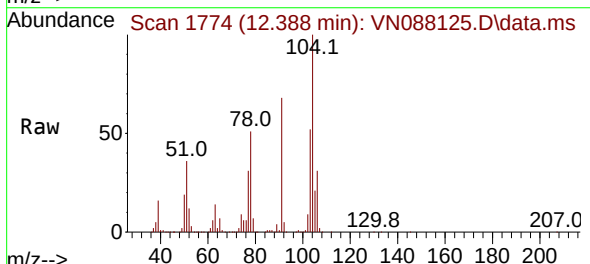
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

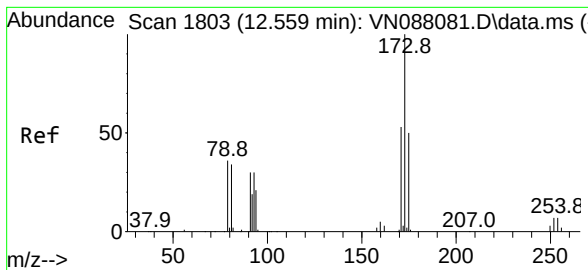
Tgt Ion:106 Resp: 397501
Ion Ratio Lower Upper
106 100
91 224.9 111.4 334.2



#70
Styrene
Concen: 55.559 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:104 Resp: 681624
Ion Ratio Lower Upper
104 100
78 56.0 42.2 63.2
103 55.2 43.4 65.2

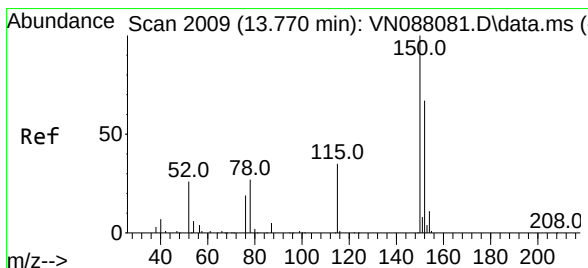
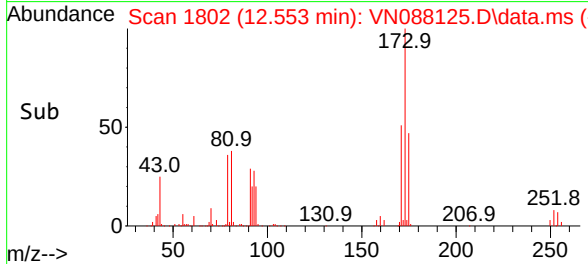
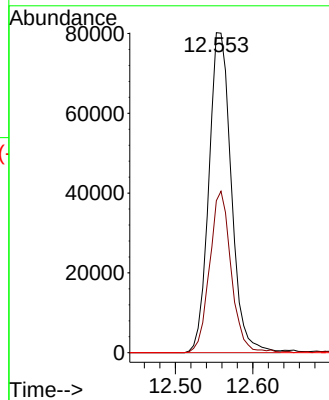
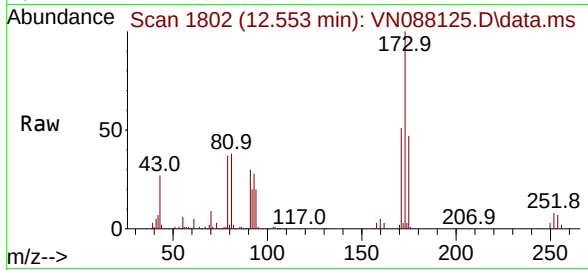




#71
Bromoform
Concen: 54.662 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

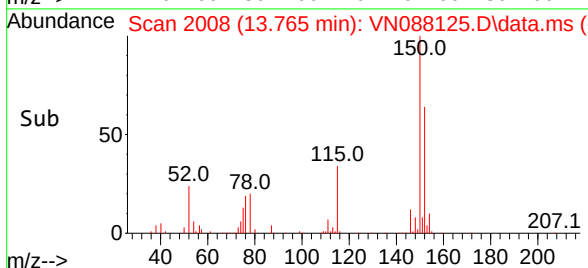
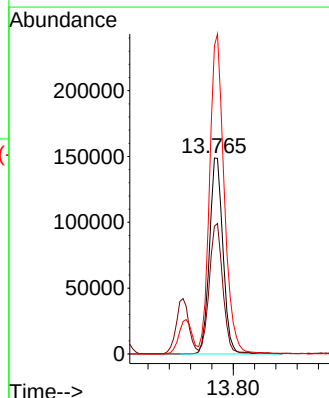
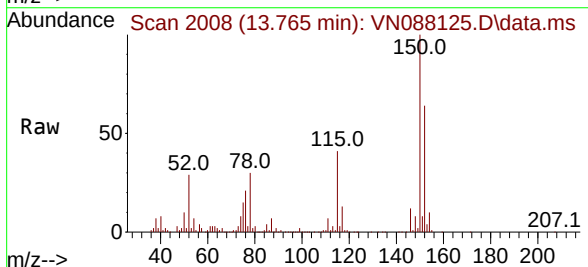
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

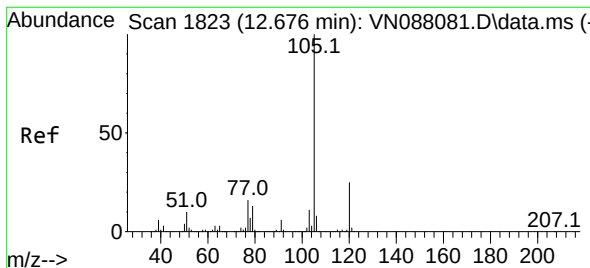
Tgt Ion:173 Resp: 161275
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:152 Resp: 263605
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 174.0 0.0 351.0





#73

Isopropylbenzene

Concen: 51.314 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

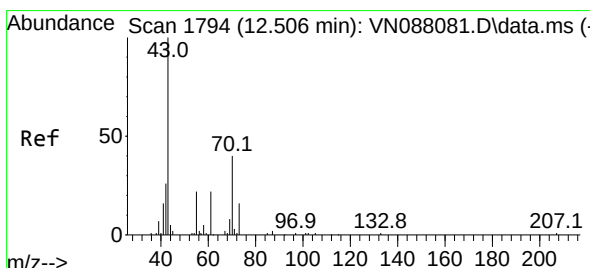
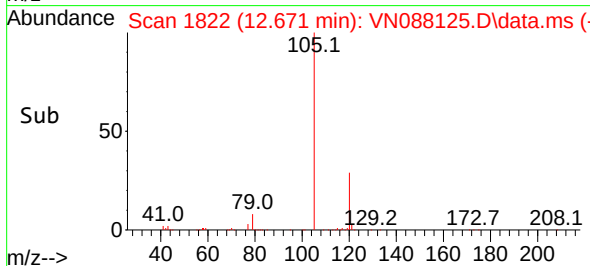
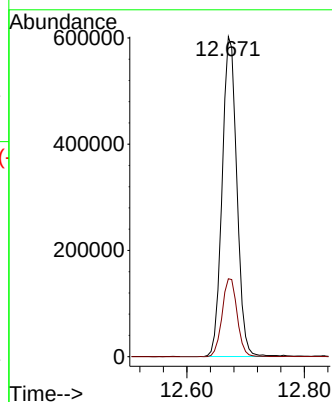
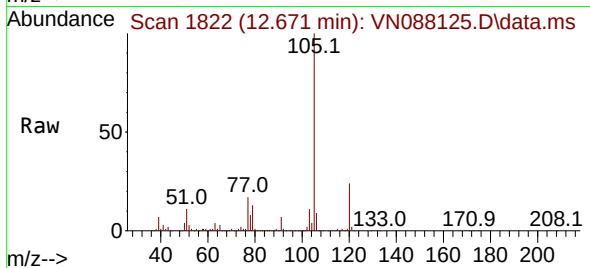
VSTDCCC050EC

Tgt Ion:105 Resp: 1043270

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.3



#74

N-ethyl acetate

Concen: 39.447 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Tgt Ion: 43 Resp: 227670

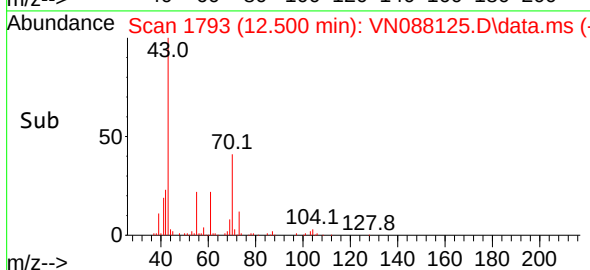
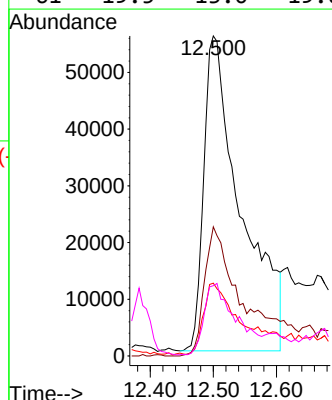
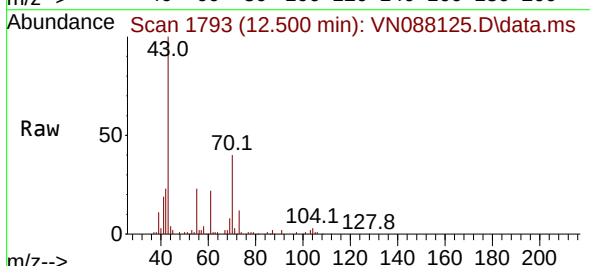
Ion Ratio Lower Upper

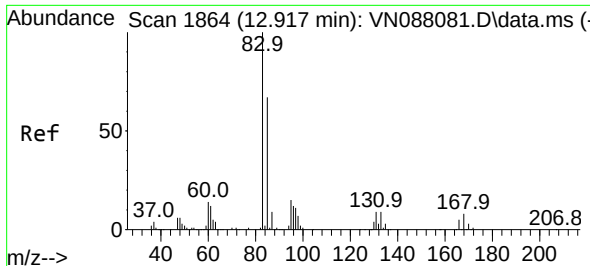
43 100

70 44.6 27.6 41.4#

55 23.9 13.0 19.6#

61 19.5 13.0 19.6

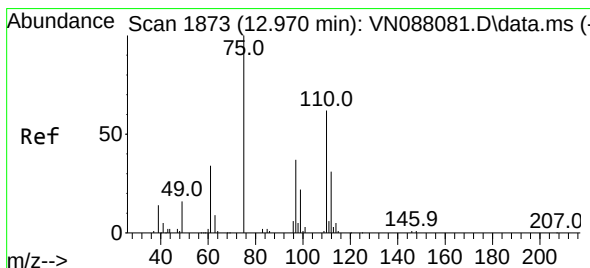
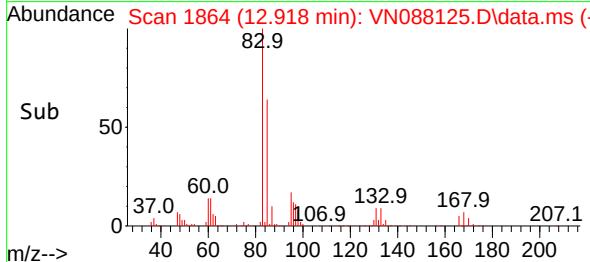
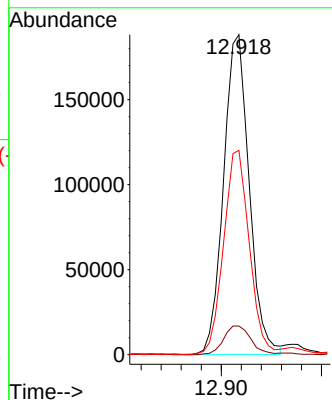
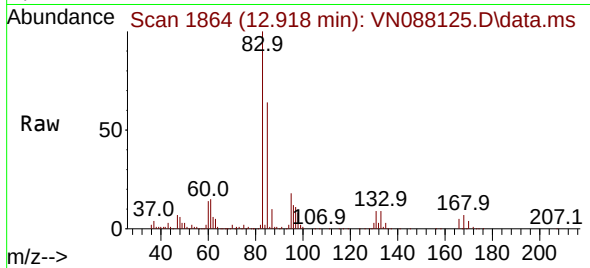




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.709 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

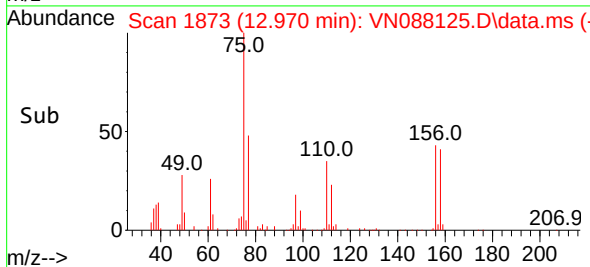
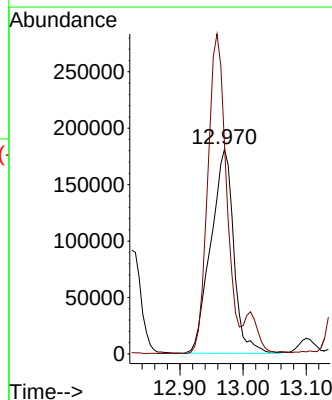
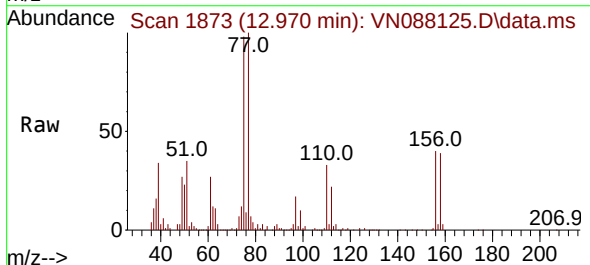
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

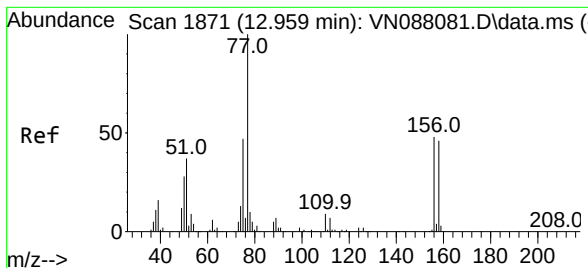
Tgt Ion: 83 Resp: 333637
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.4
 85 64.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 75.428 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

Tgt Ion: 75 Resp: 454593
 Ion Ratio Lower Upper
 75 100
 77 126.7 89.1 267.4





#77

Bromobenzene

Concen: 54.173 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

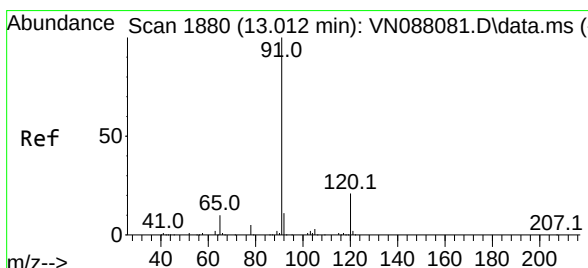
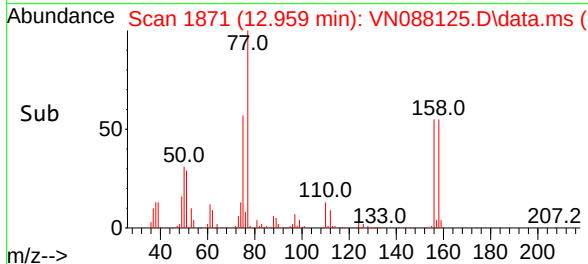
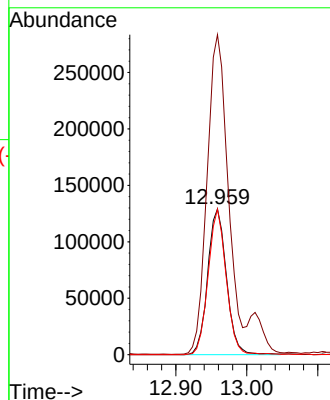
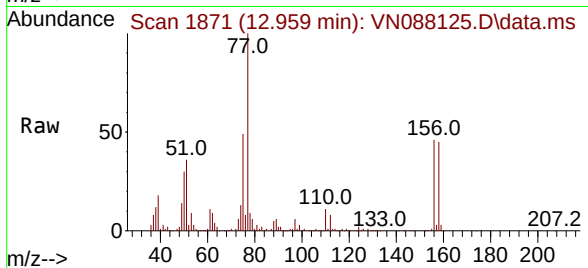
Tgt Ion:156 Resp: 237504

Ion Ratio Lower Upper

156 100

77 242.5 119.3 358.0

158 95.9 48.2 144.6



#78

n-propylbenzene

Concen: 50.269 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088125.D

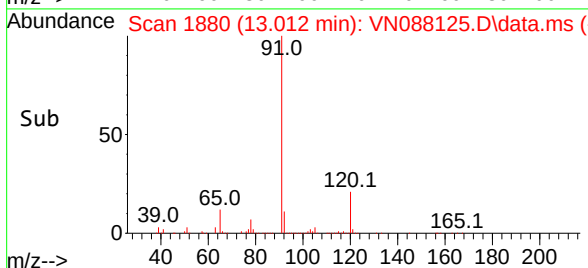
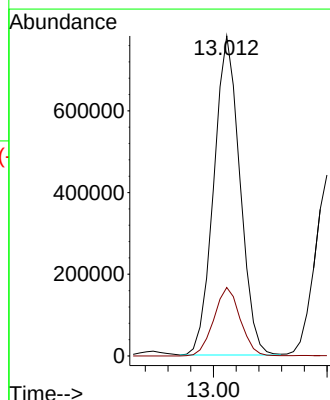
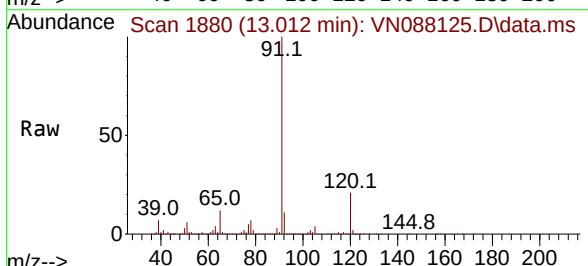
Acq: 27 Oct 2025 19:22

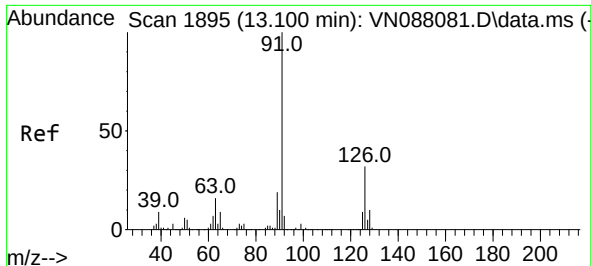
Tgt Ion: 91 Resp: 1247236

Ion Ratio Lower Upper

91 100

120 21.8 10.7 32.1

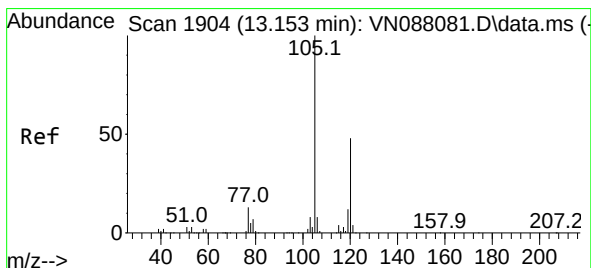
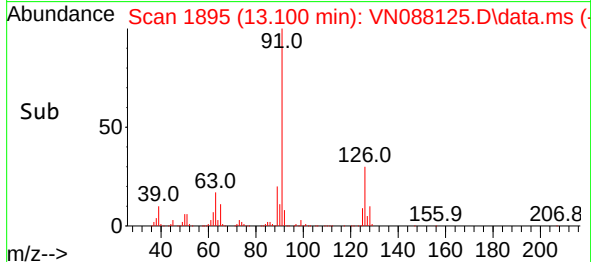
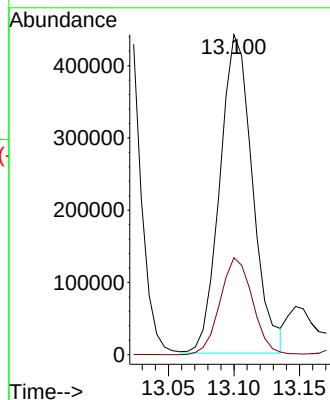
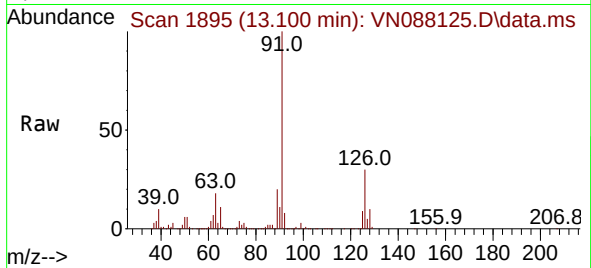




#79
2-Chlorotoluene
Concen: 53.967 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

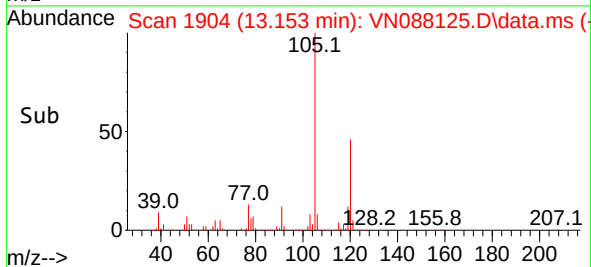
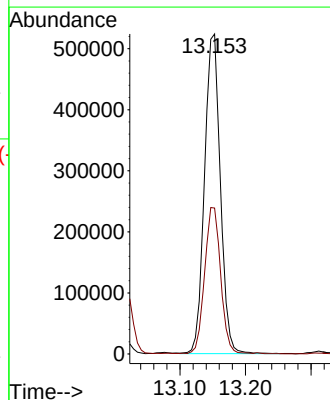
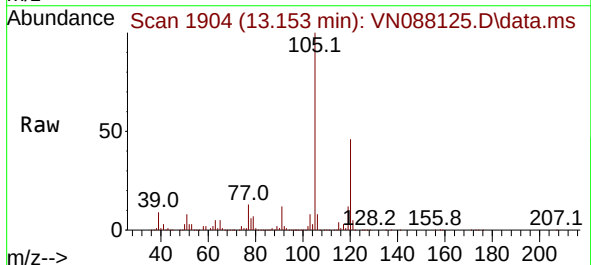
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

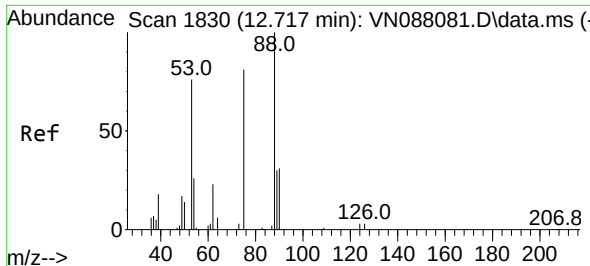
Tgt Ion: 91 Resp: 763599
Ion Ratio Lower Upper
91 100
126 30.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 52.204 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 105 Resp: 881471
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.6

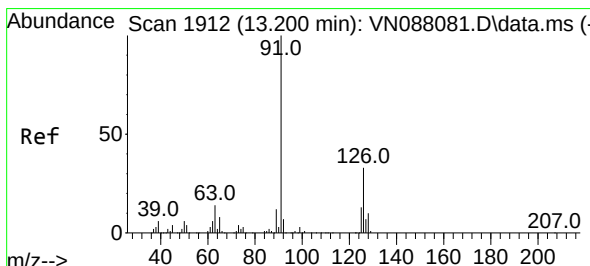
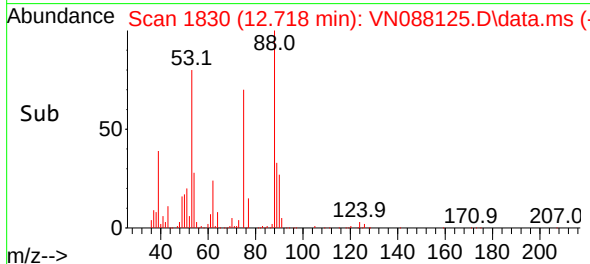
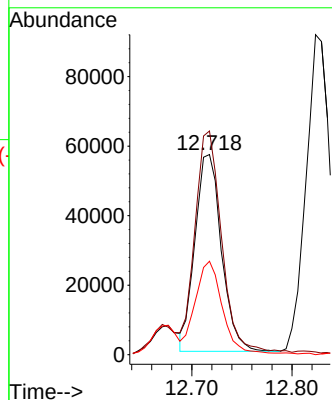
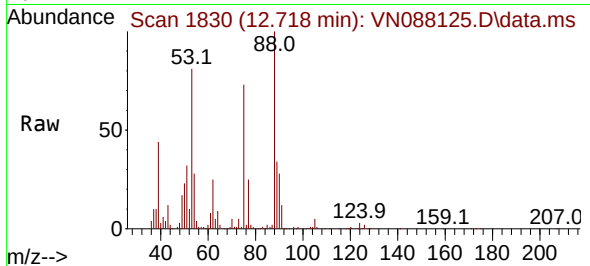




#81
trans-1,4-Dichloro-2-butene
Concen: 48.172 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

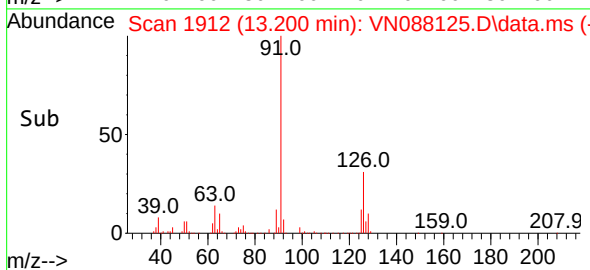
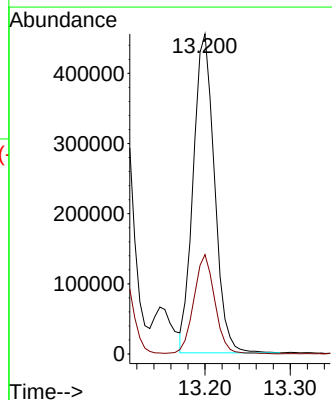
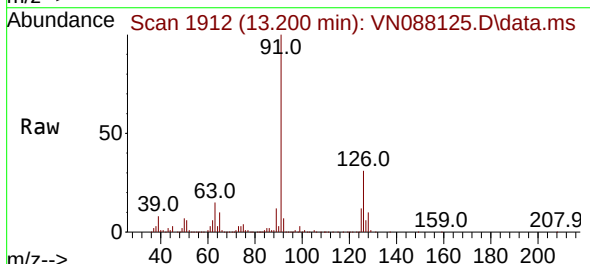
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

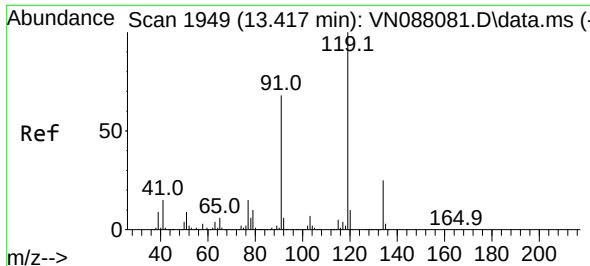
Tgt Ion: 75 Resp: 104077
Ion Ratio Lower Upper
75 100
53 113.6 101.8 152.6
89 50.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.235 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 91 Resp: 784318
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.8

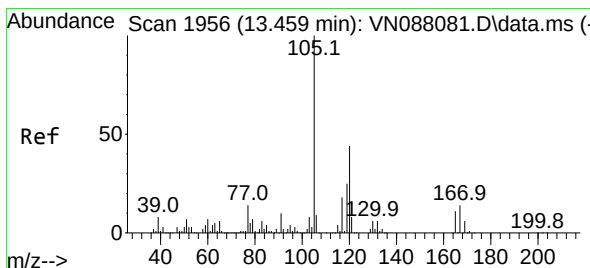
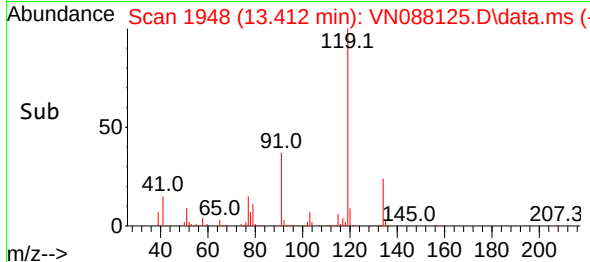
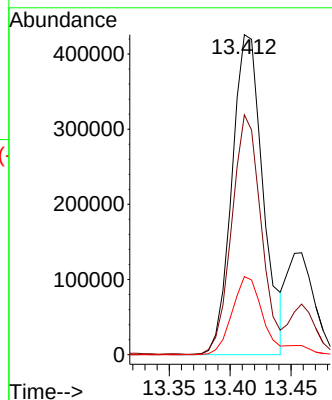
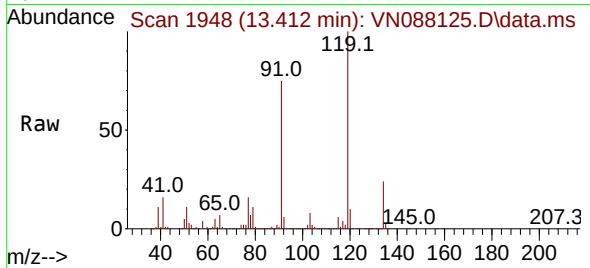




#83
tert-Butylbenzene
Concen: 50.172 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

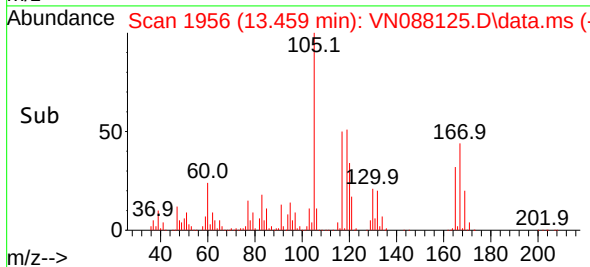
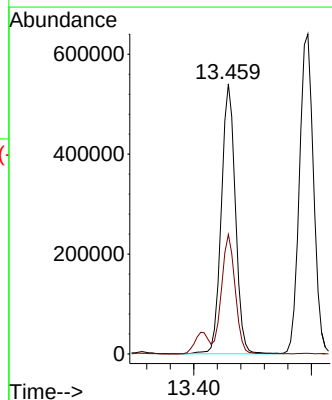
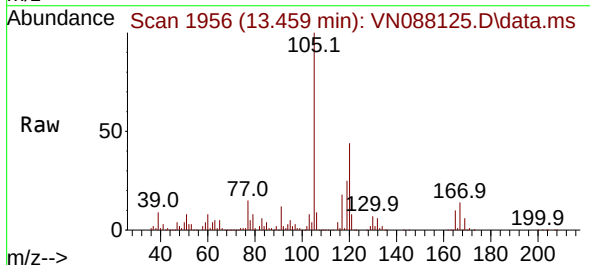
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

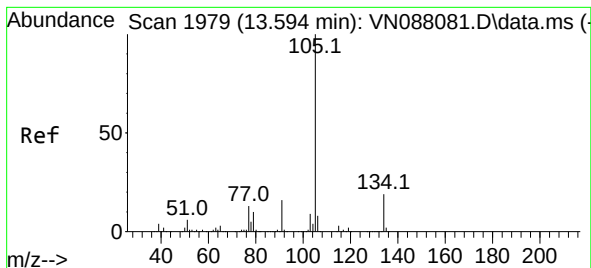
Tgt Ion:119 Resp: 756775
Ion Ratio Lower Upper
119 100
91 70.8 35.0 105.0
134 25.7 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 53.052 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:105 Resp: 896251
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.173 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

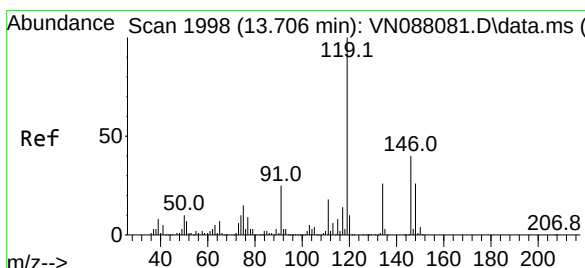
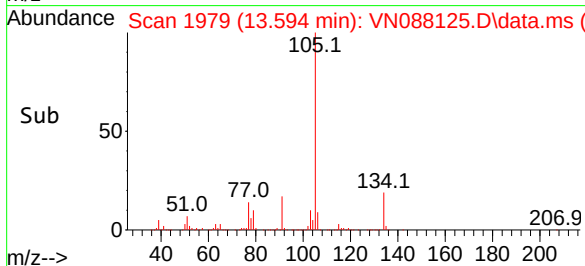
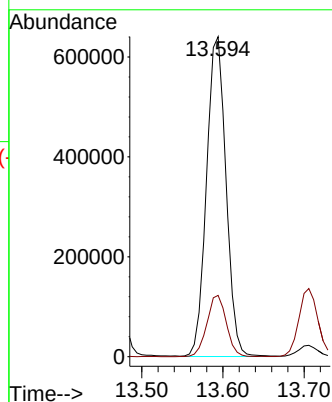
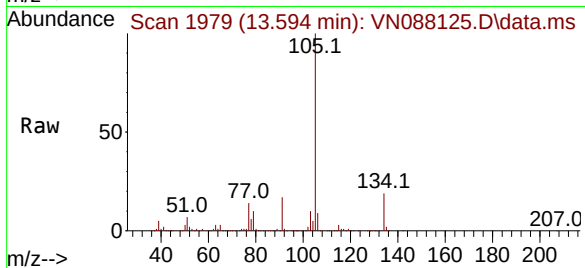
VSTDCCC050EC

Tgt Ion:105 Resp: 1067560

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 50.547 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

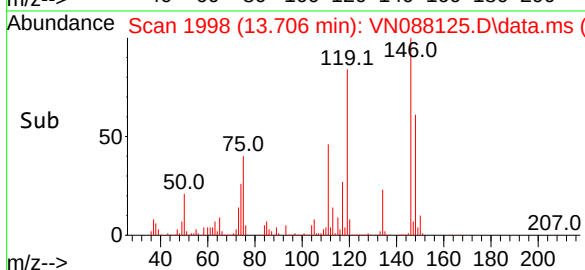
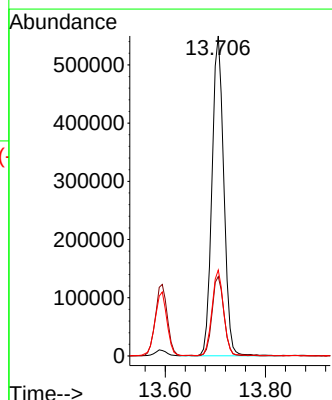
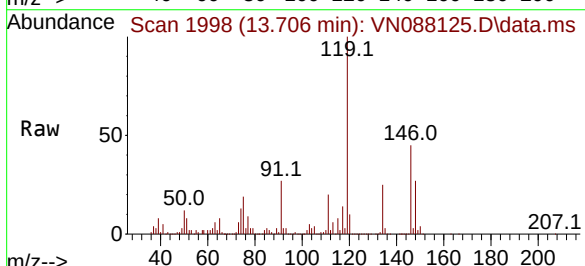
Tgt Ion:119 Resp: 898592

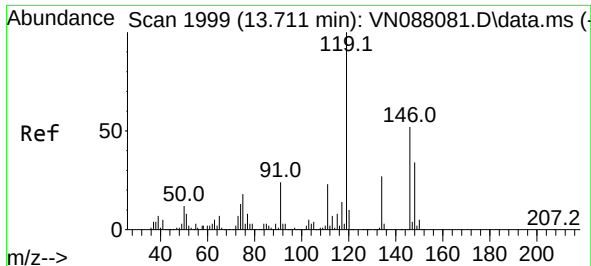
Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.0

91 26.3 12.5 37.5

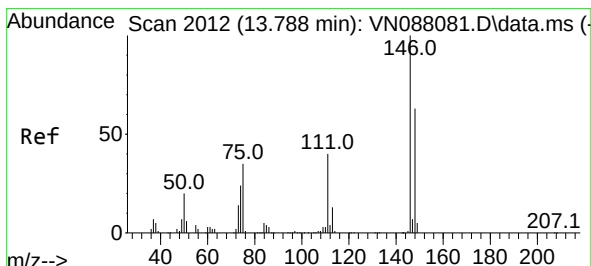
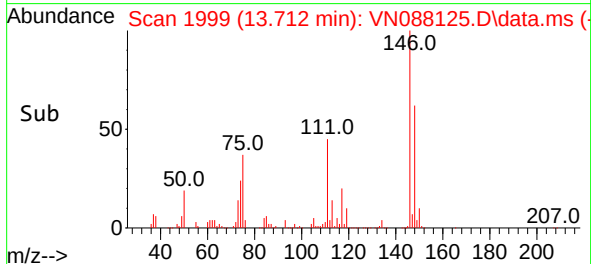
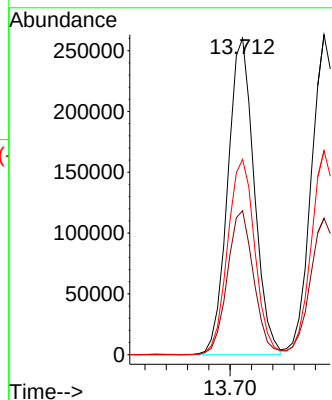
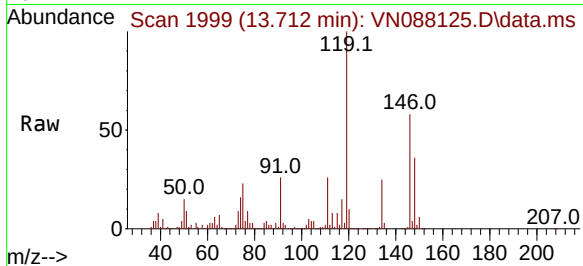




#87
1,3-Dichlorobenzene
Concen: 51.130 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

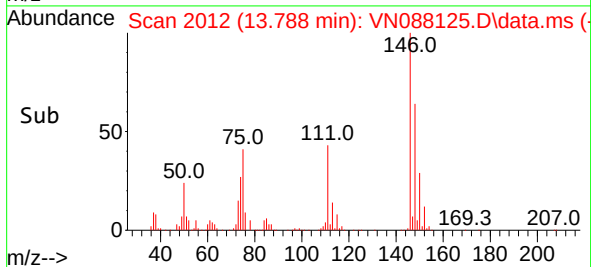
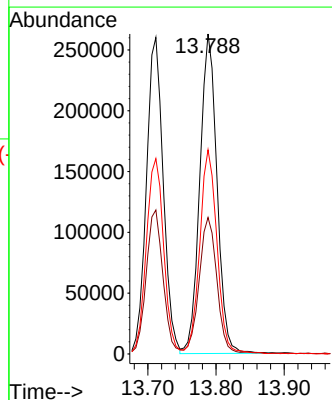
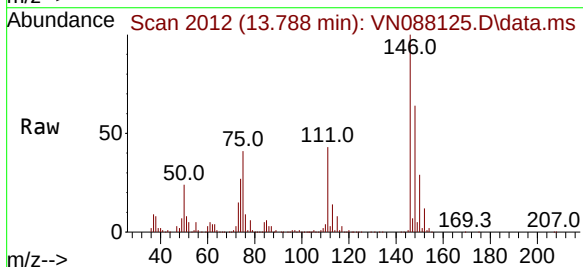
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

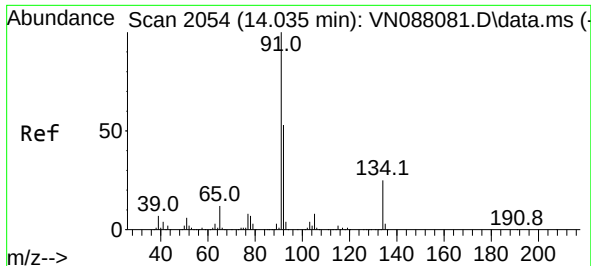
Tgt Ion:146 Resp: 447497
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.5
148 63.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 48.899 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:146 Resp: 459660
Ion Ratio Lower Upper
146 100
111 43.9 21.0 63.0
148 63.9 32.0 96.0

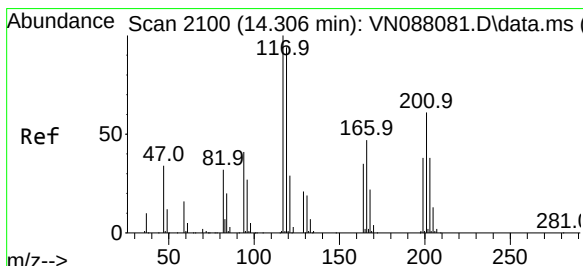
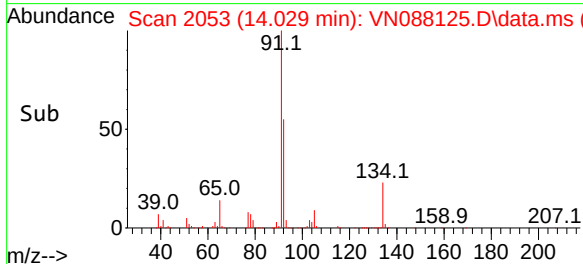
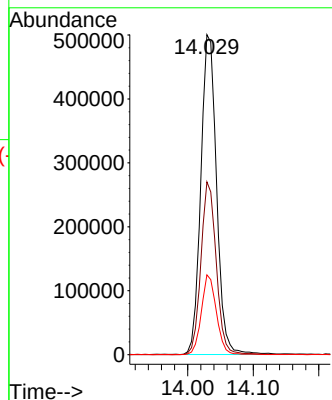
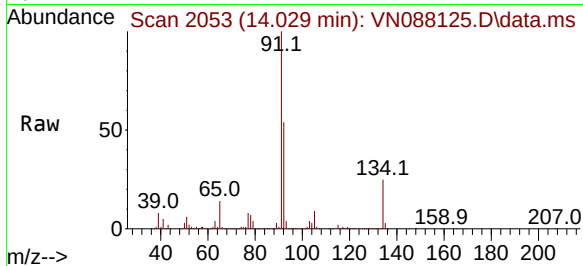




#89
n-Butylbenzene
Concen: 47.561 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

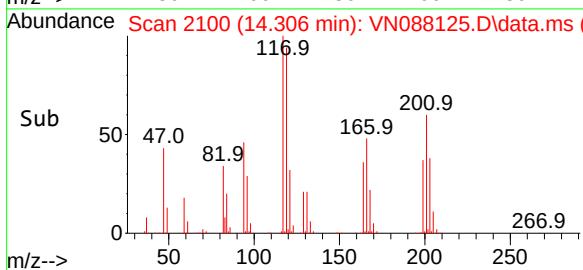
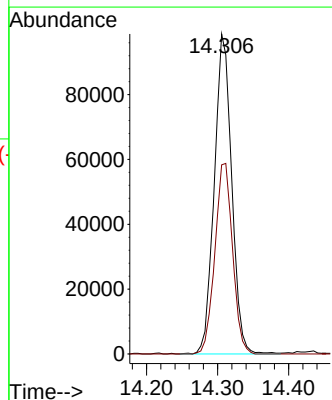
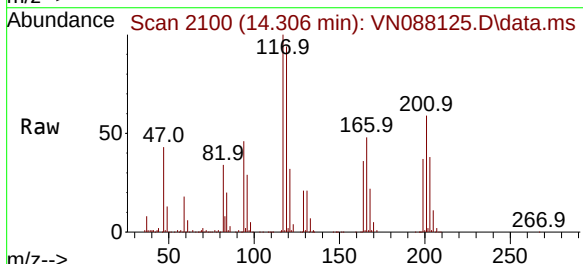
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

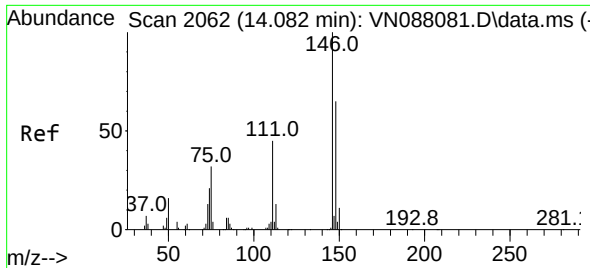
Tgt Ion: 91 Resp: 837525
Ion Ratio Lower Upper
91 100
92 52.7 25.9 77.8
134 23.9 11.7 35.0



#90
Hexachloroethane
Concen: 48.777 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion: 117 Resp: 167923
Ion Ratio Lower Upper
117 100
201 60.4 29.1 87.4

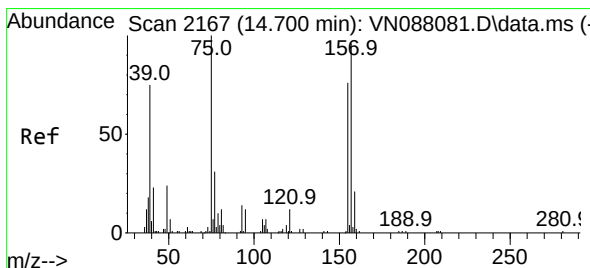
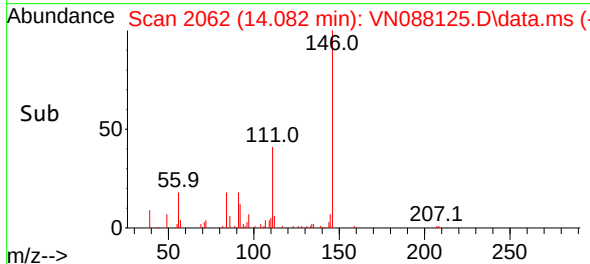
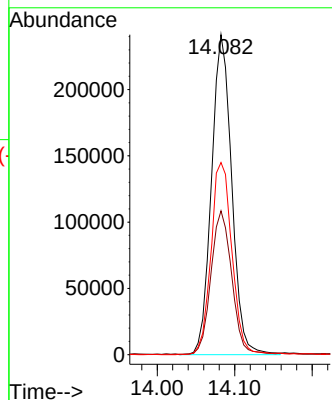
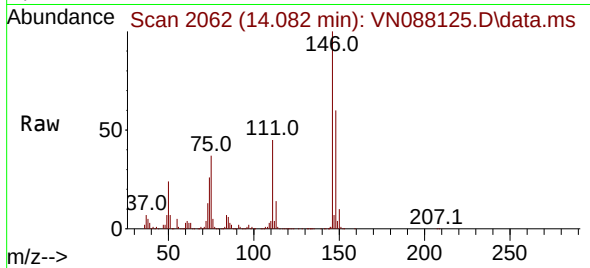




#91
 1,2-Dichlorobenzene
 Concen: 51.882 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

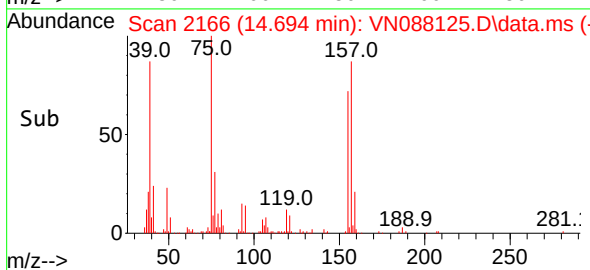
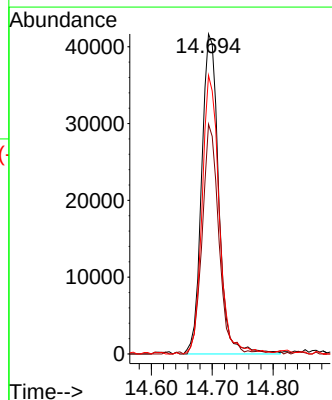
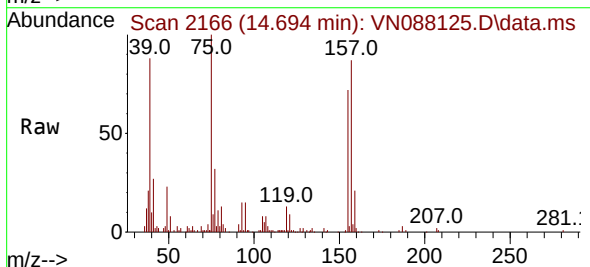
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

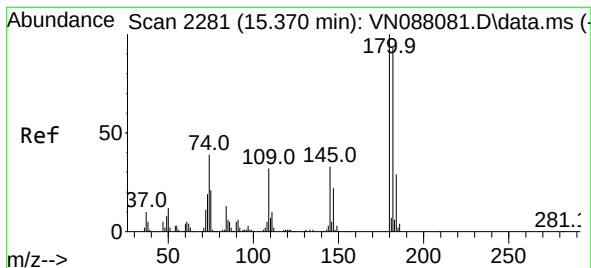
Tgt Ion:146 Resp: 437710
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.6 67.8
 148 62.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.335 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088125.D
 Acq: 27 Oct 2025 19:22

Tgt Ion: 75 Resp: 81524
 Ion Ratio Lower Upper
 75 100
 155 69.5 36.6 109.9
 157 87.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 50.120 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

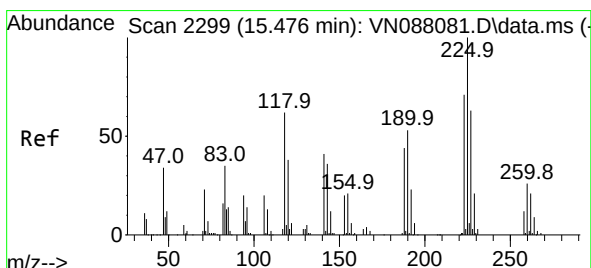
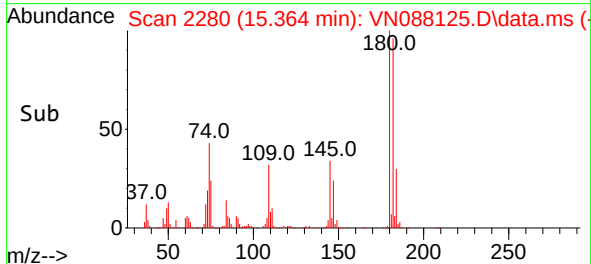
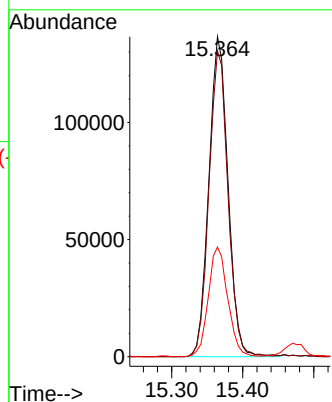
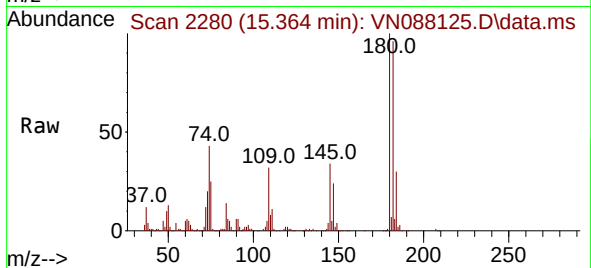
Tgt Ion:180 Resp: 256083

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 34.8 16.5 49.5



#94

Hexachlorobutadiene

Concen: 43.910 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088125.D

Acq: 27 Oct 2025 19:22

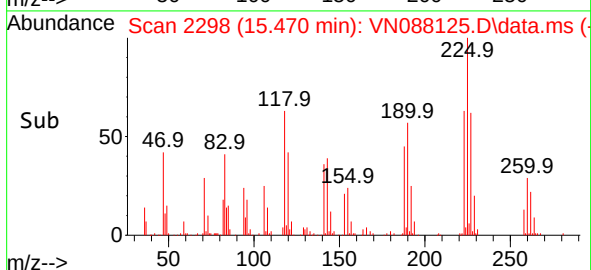
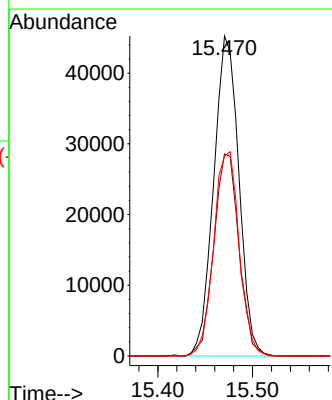
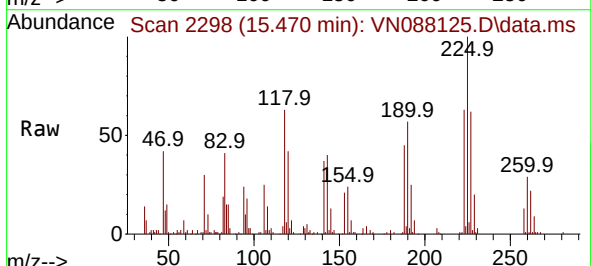
Tgt Ion:225 Resp: 83547

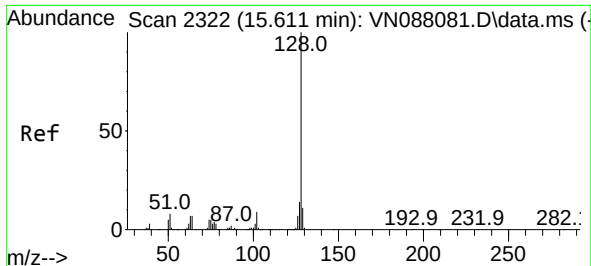
Ion Ratio Lower Upper

225 100

223 63.3 32.0 96.2

227 64.5 32.1 96.5

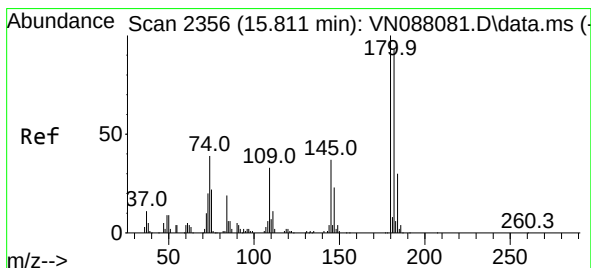
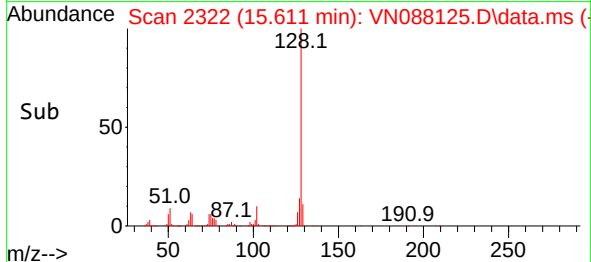
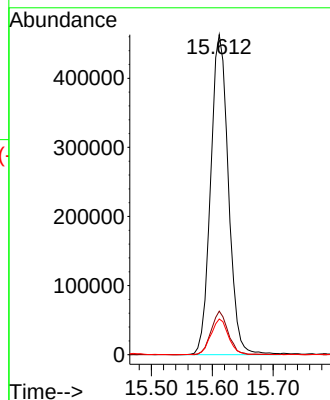
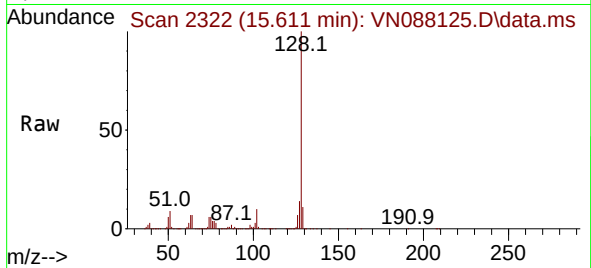




#95
Naphthalene
Concen: 53.667 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 939345
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.158 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088125.D
Acq: 27 Oct 2025 19:22

Tgt Ion:180 Resp: 250626
Ion Ratio Lower Upper
180 100
182 93.2 46.8 140.3
145 36.4 17.3 52.0

