

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088028.D
 Acq On : 03 Oct 2025 16:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 04 03:00:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	345810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	636052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	589413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	308581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	280352	48.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	8.147	113	224258	48.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	10.547	98	822717	50.660	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.829	95	353271	60.857	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.720%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	152180	38.000	ug/l	96
3) Chloromethane	2.383	50	141280	34.454	ug/l	93
4) Vinyl Chloride	2.536	62	157142	37.563	ug/l	97
5) Bromomethane	2.965	94	83190	32.076	ug/l	94
6) Chloroethane	3.130	64	110071	40.466	ug/l	95
7) Trichlorofluoromethane	3.512	101	264342	38.809	ug/l	100
8) Diethyl Ether	3.959	74	96616	37.546	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	149377	41.493	ug/l	99
10) Methyl Iodide	4.583	142	126028	38.897	ug/l	95
11) Tert butyl alcohol	5.530	59	182151	217.302	ug/l	97
12) 1,1-Dichloroethene	4.336	96	139395	38.375	ug/l #	93
14) Allyl chloride	5.006	41	228144	38.579	ug/l	99
15) Acrylonitrile	5.706	53	502233	191.010	ug/l	100
16) Acetone	4.430	43	399739	166.941	ug/l	99
17) Carbon Disulfide	4.706	76	384712	33.897	ug/l	100
18) Methyl Acetate	5.018	43	264832	44.194	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	565961	39.885	ug/l	97
20) Methylene Chloride	5.265	84	170317	35.141	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	166513	37.393	ug/l	88
22) Diisopropyl ether	6.659	45	554910	40.196	ug/l	97
23) Vinyl Acetate	6.588	43	2431769	209.206	ug/l	99
24) 1,1-Dichloroethane	6.553	63	305879	37.925	ug/l	99
25) 2-Butanone	7.471	43	710959	194.258	ug/l	97
26) 2,2-Dichloropropane	7.471	77	246214	34.359	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	200090	37.764	ug/l	99
28) Bromochloromethane	7.800	49	145865	33.287	ug/l	98
29) Tetrahydrofuran	7.824	42	444245	189.567	ug/l	98
30) Chloroform	7.947	83	340660	38.629	ug/l	100
31) Cyclohexane	8.241	56	268709	41.175	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	292524	39.256	ug/l	99
36) 1,1-Dichloropropene	8.353	75	218218	39.297	ug/l	97
37) Ethyl Acetate	7.547	43	268896	36.876	ug/l	99
38) Carbon Tetrachloride	8.341	117	250215	39.268	ug/l	98
39) Methylcyclohexane	9.582	83	262260	42.812	ug/l	96
40) Benzene	8.588	78	714301	38.850	ug/l	99
41) Methacrylonitrile	7.759	41	152177	40.382	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.653	62	254844	37.142	ug/l	99
43) Isopropyl Acetate	8.671	43	451209	39.311	ug/l	99
44) Trichloroethene	9.335	130	165147	37.603	ug/l	93
45) 1,2-Dichloropropane	9.600	63	173813	37.700	ug/l	97
46) Dibromomethane	9.688	93	136646	37.561	ug/l	96
47) Bromodichloromethane	9.865	83	270783	37.949	ug/l	96
48) Methyl methacrylate	9.665	41	208237	39.176	ug/l	98
49) 1,4-Dioxane	9.682	88	63224	805.147	ug/l #	79
51) 4-Methyl-2-Pentanone	10.423	43	1428742	199.482	ug/l	100
52) Toluene	10.606	92	442727	38.372	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	276823	37.907	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	288021	37.974	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	176865	37.700	ug/l	99
56) Ethyl methacrylate	10.859	69	280564	41.389	ug/l	97
57) 1,3-Dichloropropane	11.141	76	301232	39.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	827250	259.551	ug/l	99
59) 2-Hexanone	11.176	43	965551	203.881	ug/l	99
60) Dibromochloromethane	11.341	129	206334	37.407	ug/l	99
61) 1,2-Dibromoethane	11.447	107	187604	37.774	ug/l	99
64) Tetrachloroethene	11.082	164	142095	39.577	ug/l	97
65) Chlorobenzene	11.870	112	499320	39.808	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	175863	38.880	ug/l	98
67) Ethyl Benzene	11.941	91	872263	41.676	ug/l	98
68) m/p-Xylenes	12.047	106	660178	82.475	ug/l	98
69) o-Xylene	12.376	106	321829	41.848	ug/l	98
70) Styrene	12.388	104	547271	41.435	ug/l	98
71) Bromoform	12.559	173	142377	38.797	ug/l #	98
73) Isopropylbenzene	12.670	105	845092	44.188	ug/l	99
74) N-amyl acetate	12.506	43	98506	15.632	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.917	83	276567	40.136	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	352649	57.975	ug/l	63
77) Bromobenzene	12.959	156	200914	39.483	ug/l	98
78) n-propylbenzene	13.012	91	1039079	43.455	ug/l	100
79) 2-Chlorotoluene	13.106	91	602332	41.371	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	710553	42.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	83177	37.971	ug/l	97
82) 4-Chlorotoluene	13.200	91	616498	42.023	ug/l	99
83) tert-Butylbenzene	13.417	119	628620	44.895	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	721879	42.544	ug/l	99
85) sec-Butylbenzene	13.594	105	916520	44.646	ug/l	98
86) p-Isopropyltoluene	13.706	119	759996	43.711	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	396917	39.972	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	404533	39.641	ug/l	98
89) n-Butylbenzene	14.035	91	729688	44.408	ug/l	100
90) Hexachloroethane	14.311	117	146734	40.401	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	383946	40.113	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61211	38.230	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	224865	39.790	ug/l	99
94) Hexachlorobutadiene	15.476	225	81465	39.165	ug/l	98
95) Naphthalene	15.611	128	769548	42.421	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	221826	40.375	ug/l	99

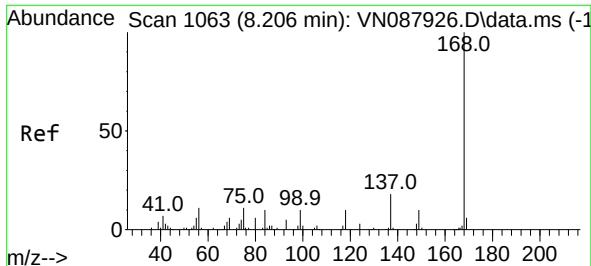
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

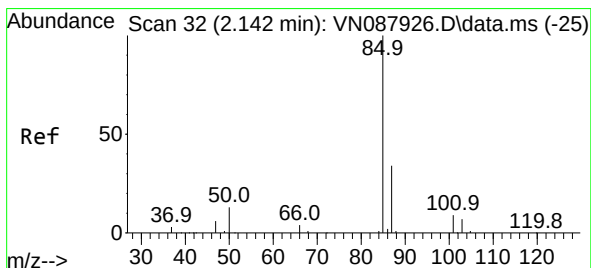
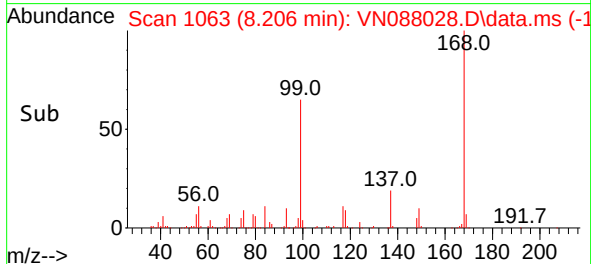
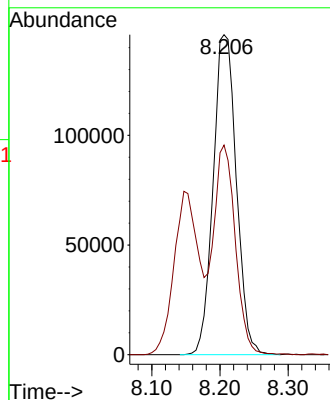
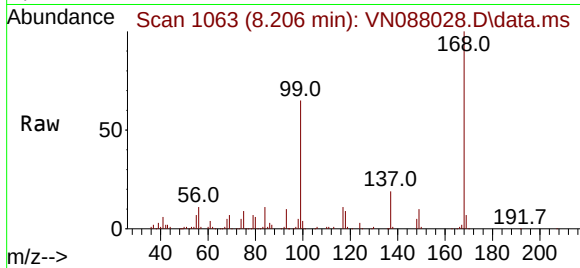
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

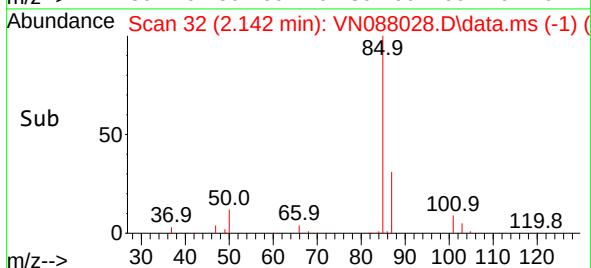
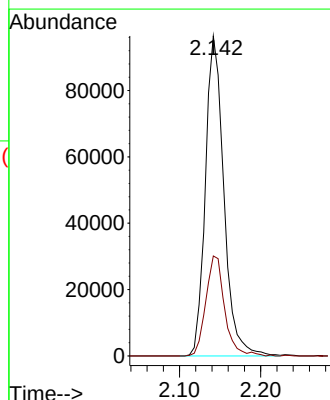
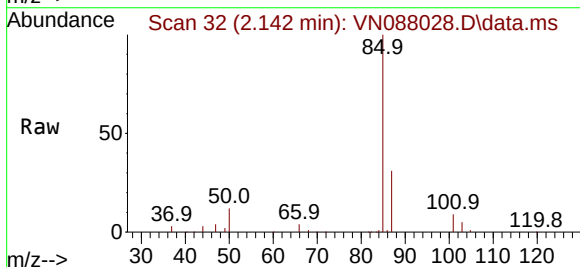
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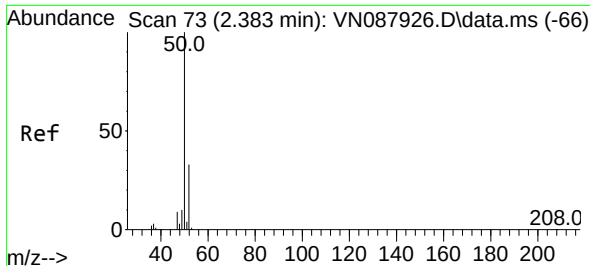
Tgt Ion:168 Resp: 345810
Ion Ratio Lower Upper
168 100
99 65.3 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 38.000 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 85 Resp: 152180
Ion Ratio Lower Upper
85 100
87 31.2 16.9 50.6

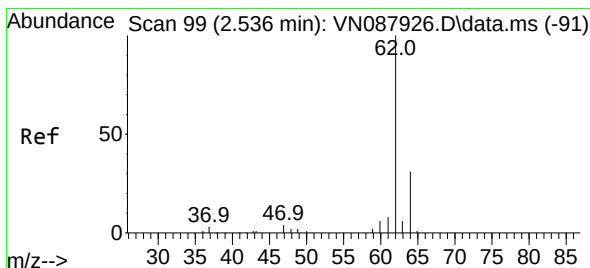
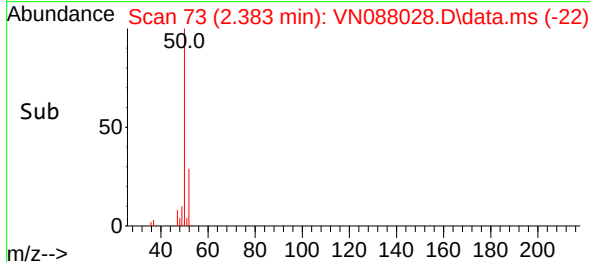
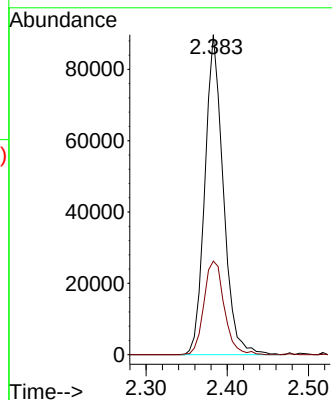
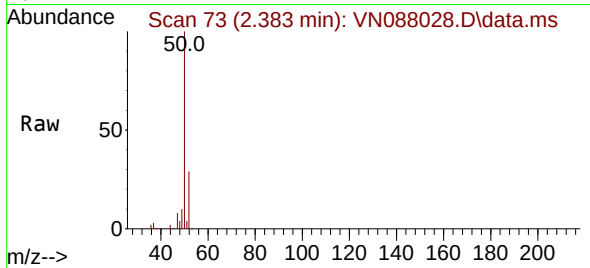




#3
Chloromethane
Concen: 34.454 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

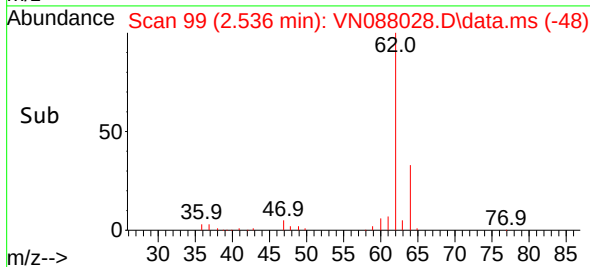
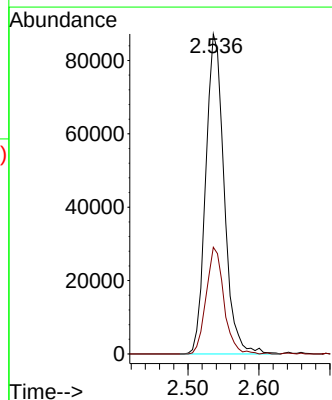
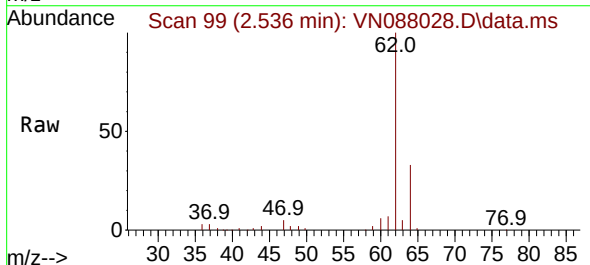
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ClientSampleId :
VSTDCCC050EC

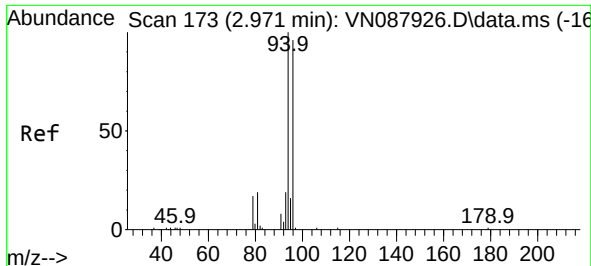
Tgt Ion: 50 Resp: 141280
Ion Ratio Lower Upper
50 100
52 29.2 26.6 40.0



#4
Vinyl Chloride
Concen: 37.563 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 62 Resp: 157142
Ion Ratio Lower Upper
62 100
64 33.3 25.2 37.8

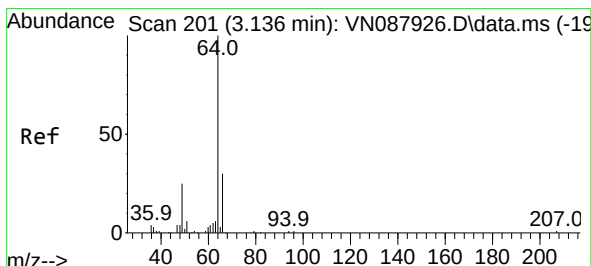
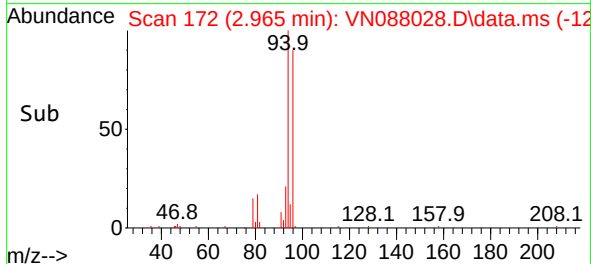
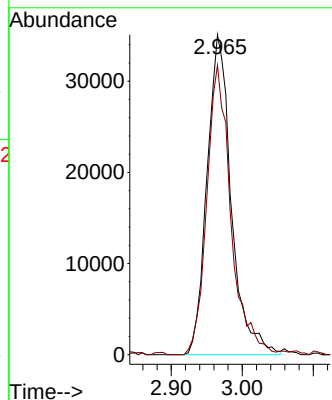
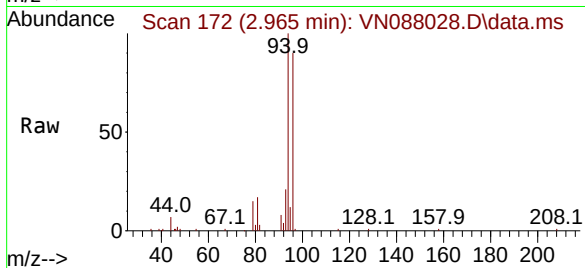




#5
Bromomethane
Concen: 32.076 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

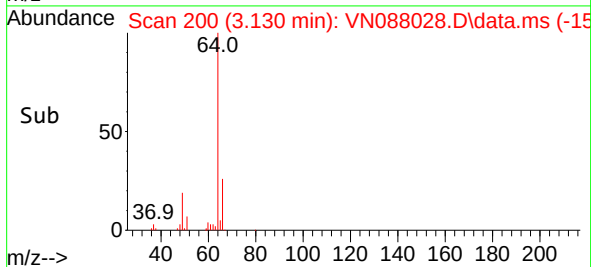
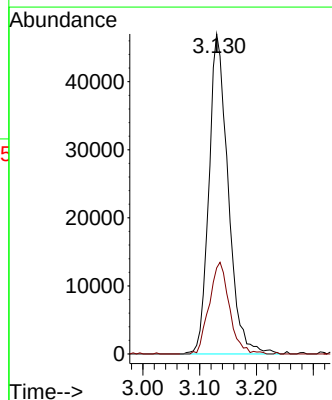
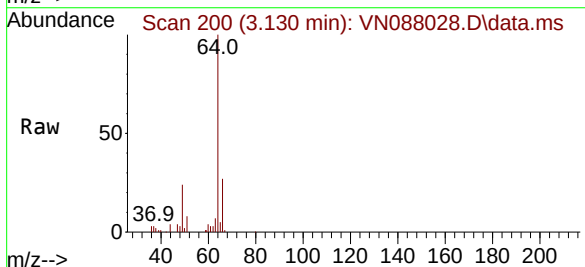
Instrument :
MSVOA_N
ClientSampleId :
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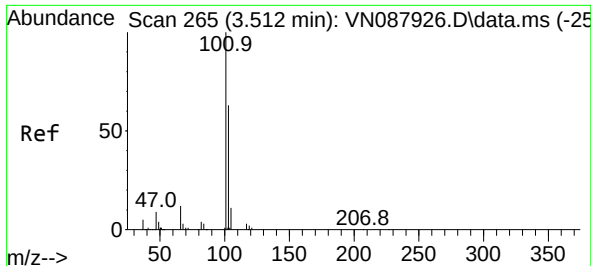
Tgt Ion: 94 Resp: 83190
Ion Ratio Lower Upper
94 100
96 90.5 76.8 115.2



#6
Chloroethane
Concen: 40.466 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 64 Resp: 110071
Ion Ratio Lower Upper
64 100
66 26.9 23.8 35.8

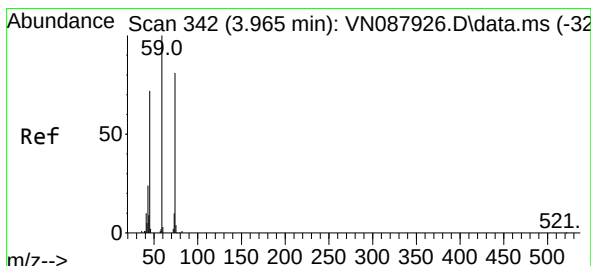
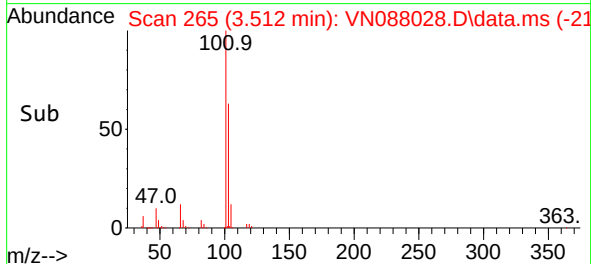
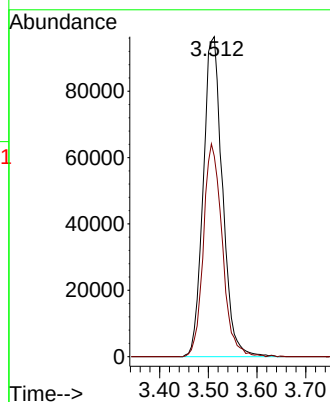
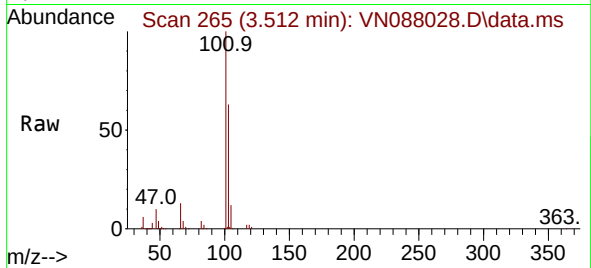




#7
 Trichlorofluoromethane
 Concen: 38.809 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088028.D
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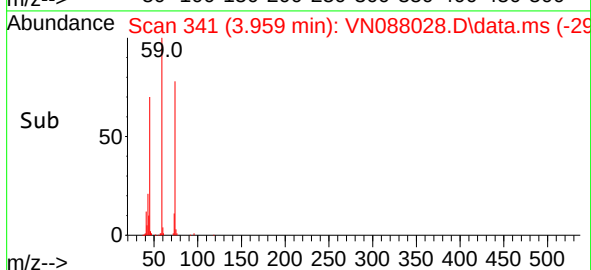
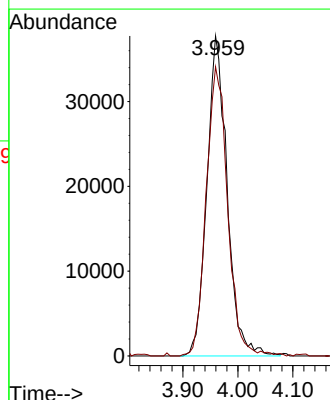
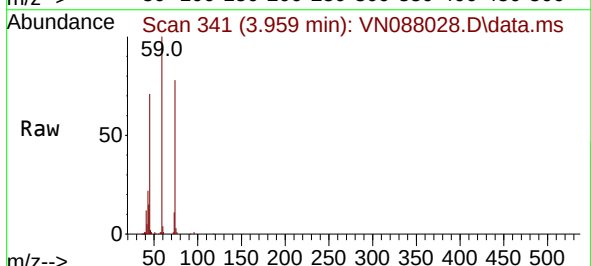
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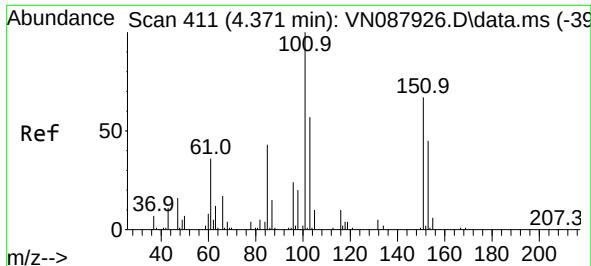
Tgt Ion:101 Resp: 264342
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.2 75.4



#8
 Diethyl Ether
 Concen: 37.546 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

Tgt Ion: 74 Resp: 96616
 Ion Ratio Lower Upper
 74 100
 45 94.7 45.4 136.1

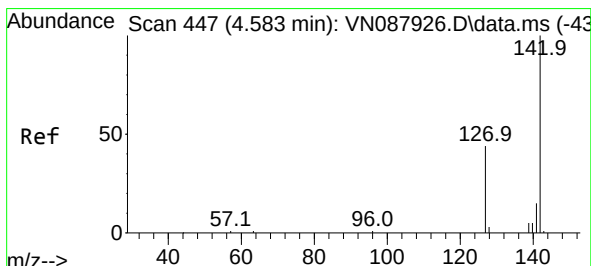
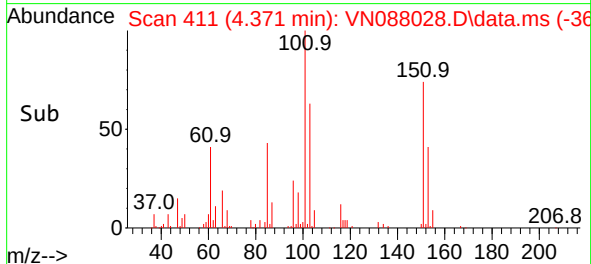
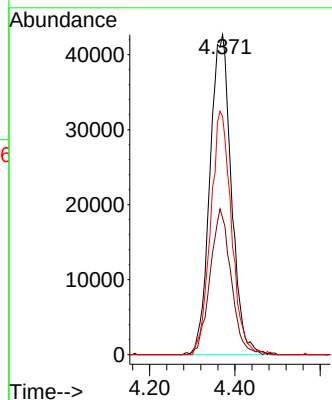
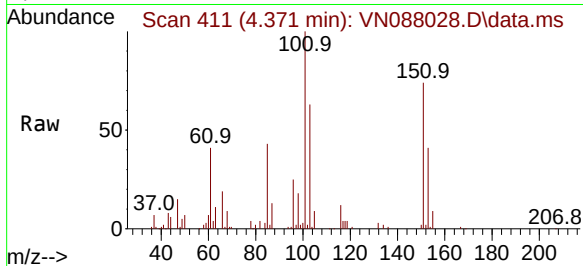




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.493 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088028.D
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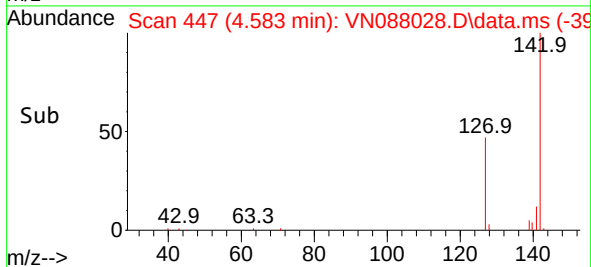
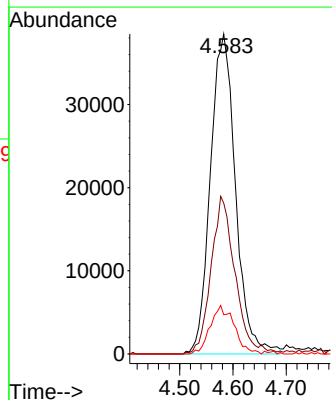
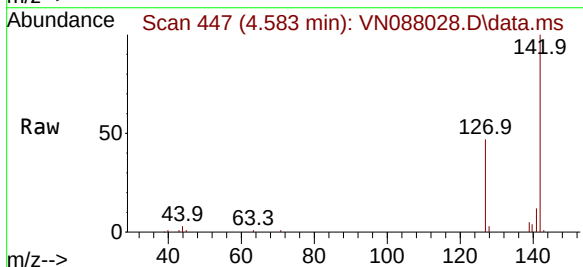
Instrument :
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ClientSampleId :
VSTDCCC050EC

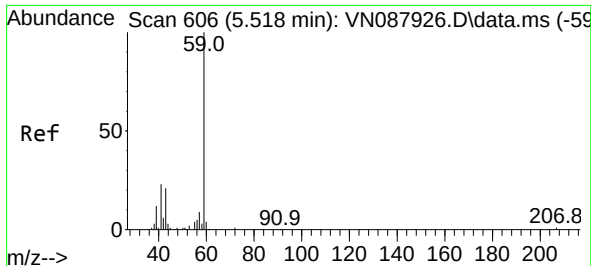
Tgt Ion:101 Resp: 149377
Ion Ratio Lower Upper
101 100
85 44.4 36.5 54.7
151 74.1 58.6 87.8



#10
Methyl Iodide
Concen: 38.897 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:142 Resp: 126028
Ion Ratio Lower Upper
142 100
127 47.1 35.3 52.9
141 12.3 11.8 17.8

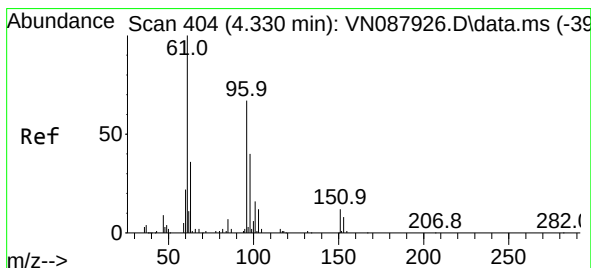
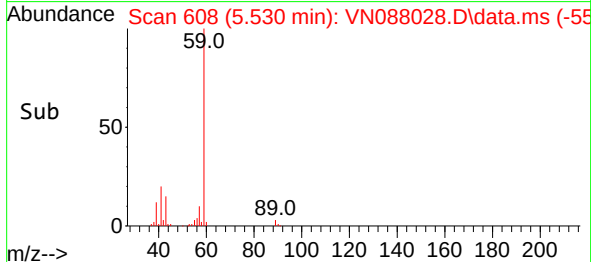
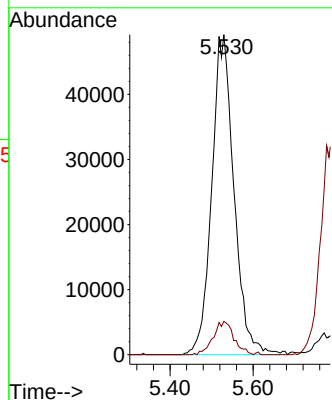
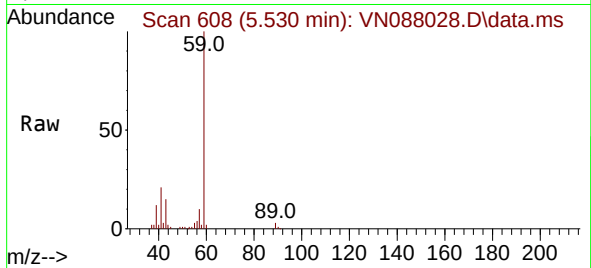




#11
Tert butyl alcohol
Concen: 217.302 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

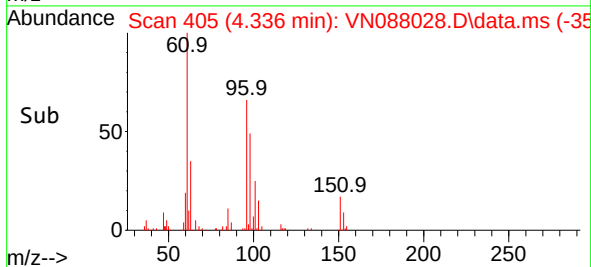
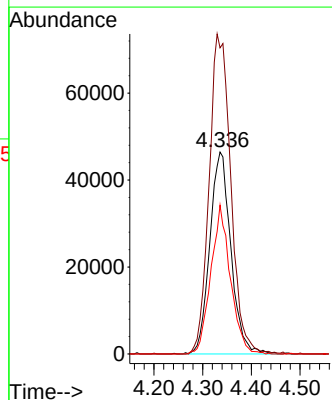
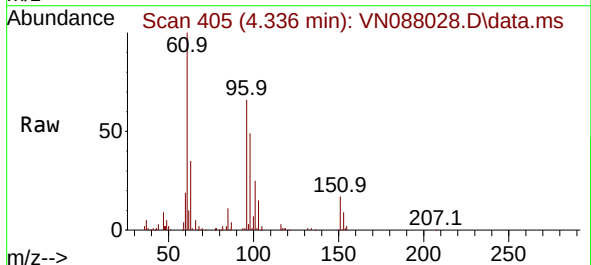
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

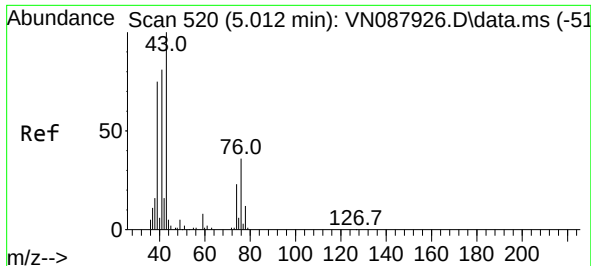
Tgt Ion: 59 Resp: 182151
Ion Ratio Lower Upper
59 100
57 9.7 8.8 13.2



#12
1,1-Dichloroethene
Concen: 38.375 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 96 Resp: 139395
Ion Ratio Lower Upper
96 100
61 151.6 119.2 178.8
98 73.7 47.5 71.3#

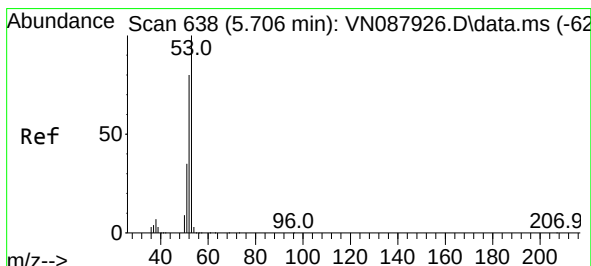
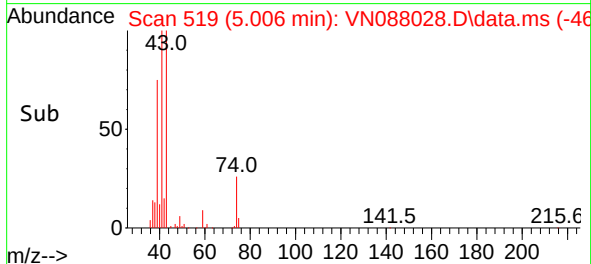
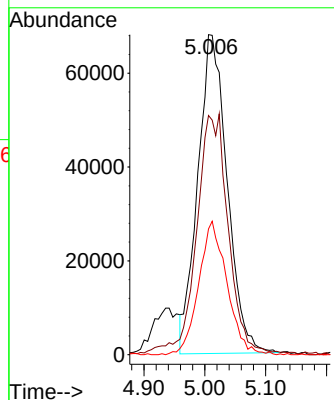
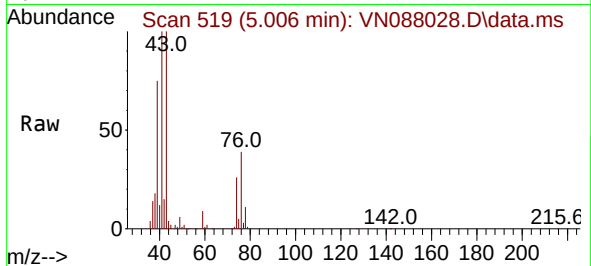




#14
 Allyl chloride
 Concen: 38.579 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

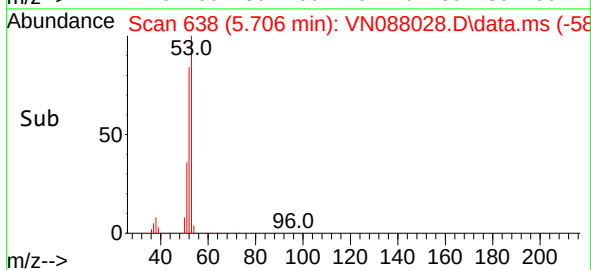
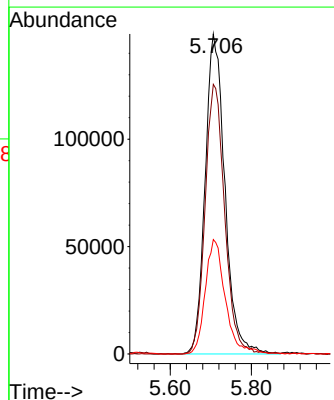
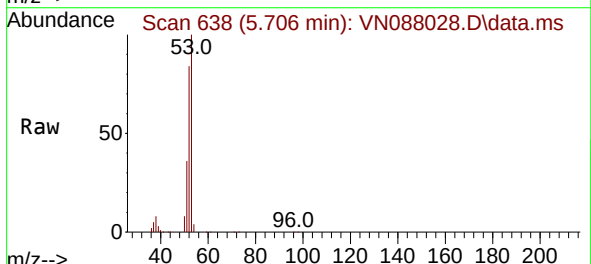
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

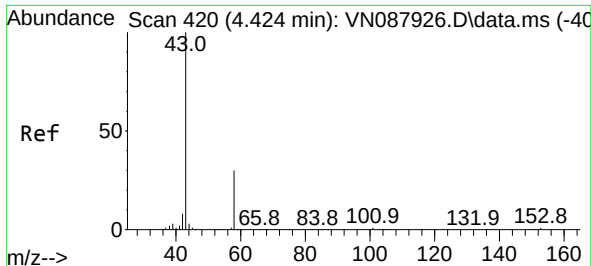
Tgt Ion: 41 Resp: 228144
 Ion Ratio Lower Upper
 41 100
 39 81.0 63.8 95.8
 76 40.3 33.0 49.6



#15
 Acrylonitrile
 Concen: 191.010 ug/l
 RT: 5.706 min Scan# 638
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

Tgt Ion: 53 Resp: 502233
 Ion Ratio Lower Upper
 53 100
 52 83.6 66.6 99.8
 51 36.2 29.0 43.4

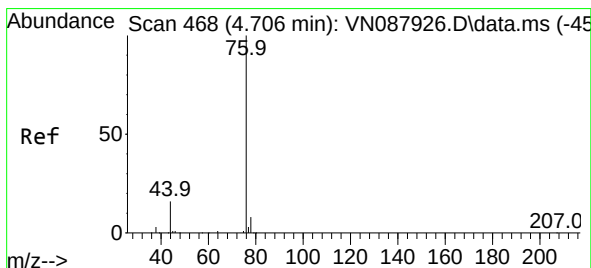
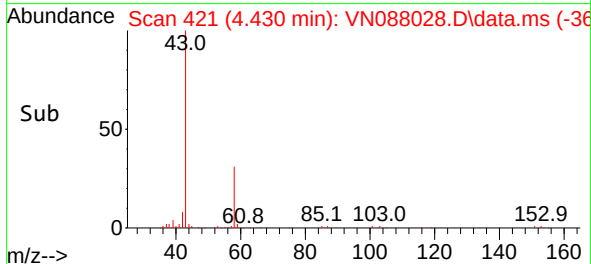
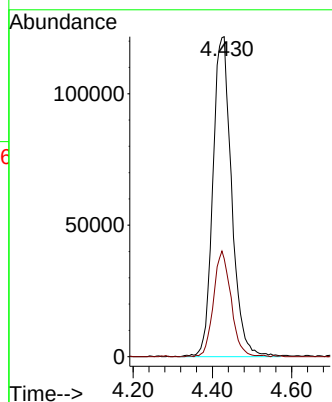
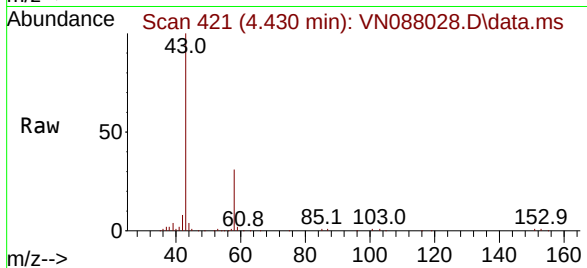




#16
Acetone
Concen: 166.941 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

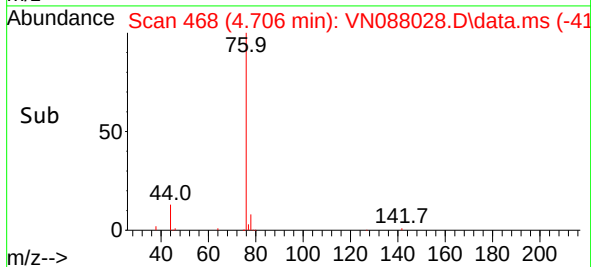
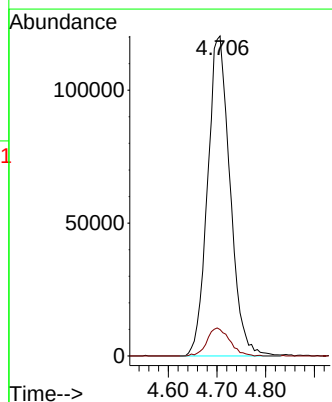
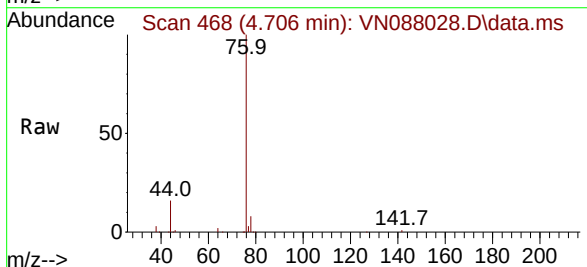
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

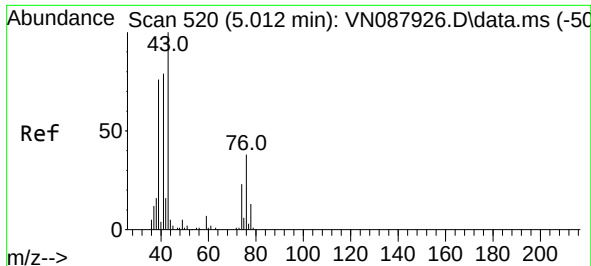
Tgt Ion: 43 Resp: 399739
Ion Ratio Lower Upper
43 100
58 30.6 24.1 36.1



#17
Carbon Disulfide
Concen: 33.897 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 76 Resp: 384712
Ion Ratio Lower Upper
76 100
78 8.3 6.7 10.1

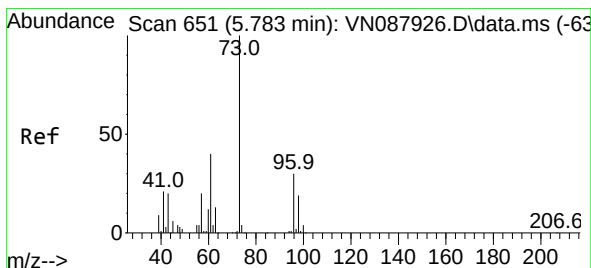
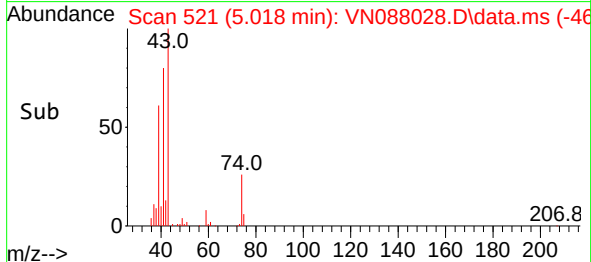
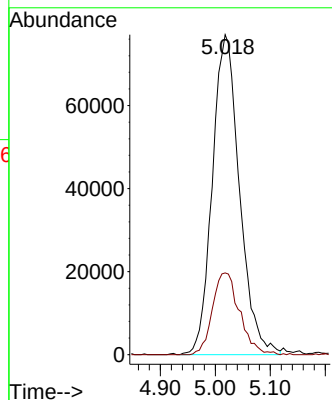
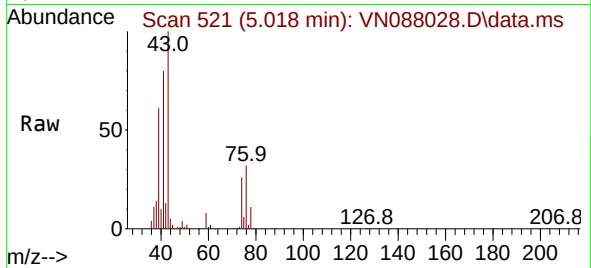




#18
Methyl Acetate
Concen: 44.194 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

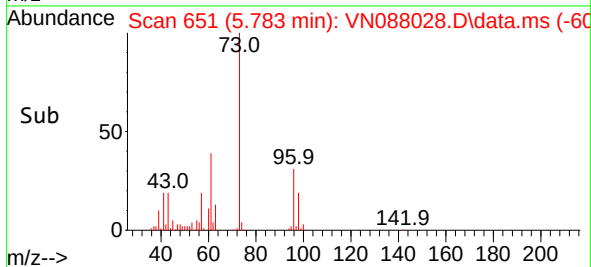
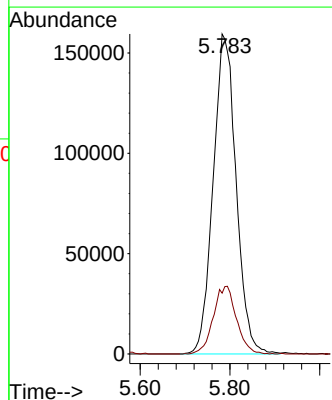
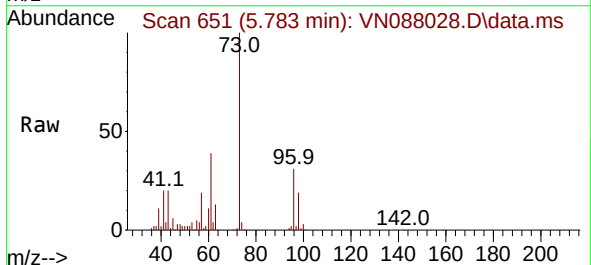
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

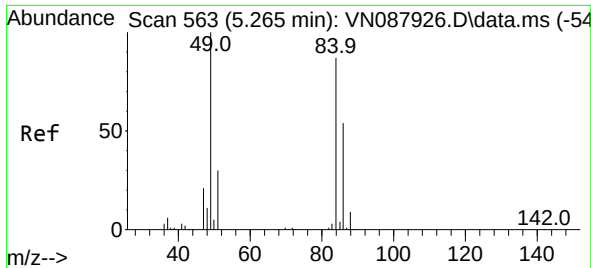
Tgt Ion: 43 Resp: 264832
Ion Ratio Lower Upper
43 100
74 25.4 19.7 29.5



#19
Methyl tert-butyl Ether
Concen: 39.885 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 73 Resp: 565961
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5



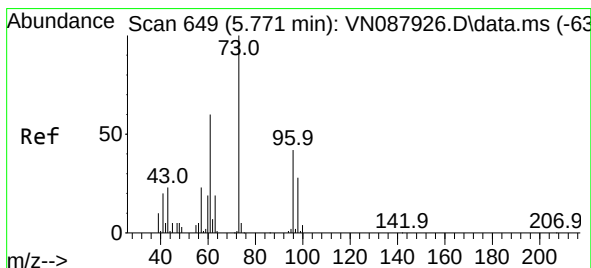
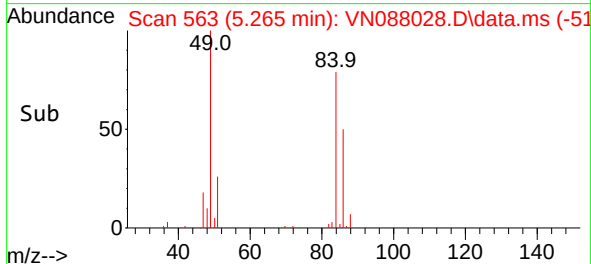
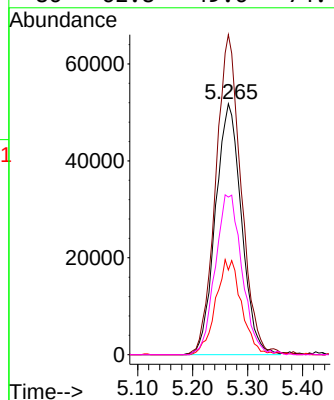
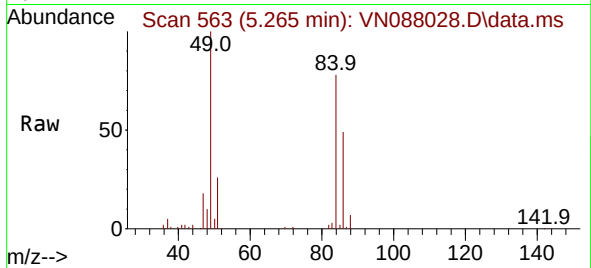


#20
Methylene Chloride
Concen: 35.141 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 84 Resp: 170317

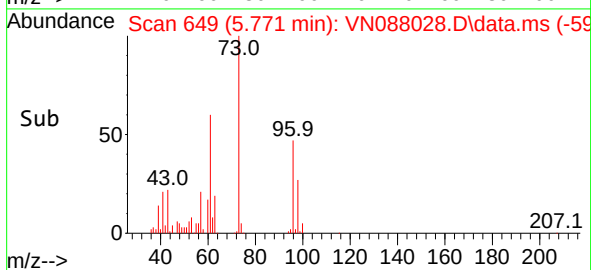
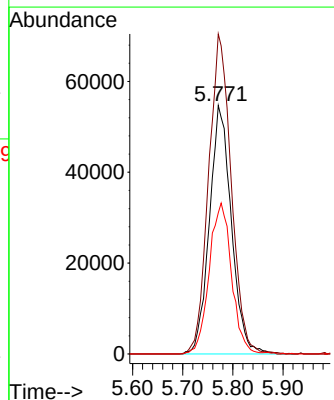
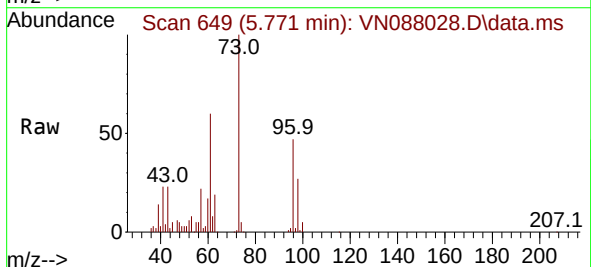
Ion	Ratio	Lower	Upper
84	100		
49	127.5	92.1	138.1
51	33.8	27.7	41.5
86	62.8	49.6	74.4

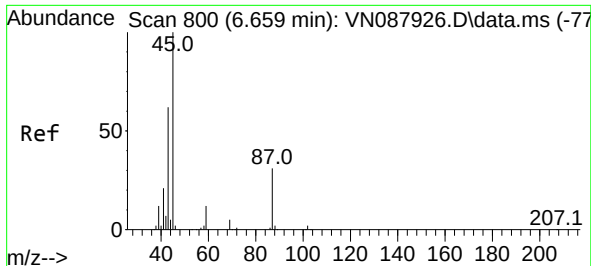


#21
trans-1,2-Dichloroethene
Concen: 37.393 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 96 Resp: 166513

Ion	Ratio	Lower	Upper
96	100		
61	128.8	114.4	171.6
98	56.8	53.6	80.4

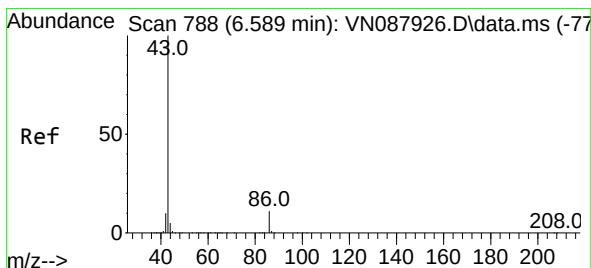
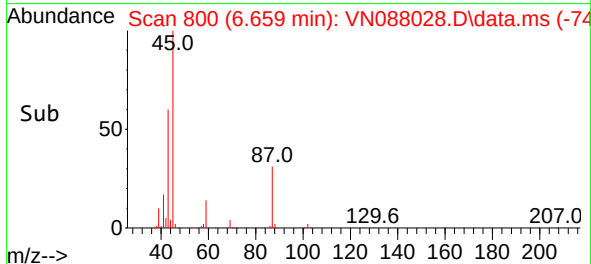
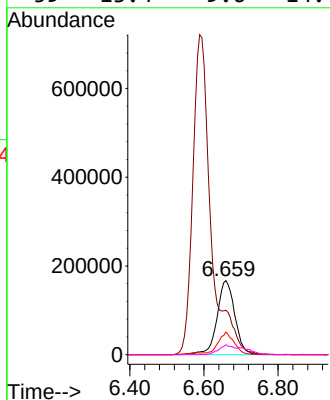
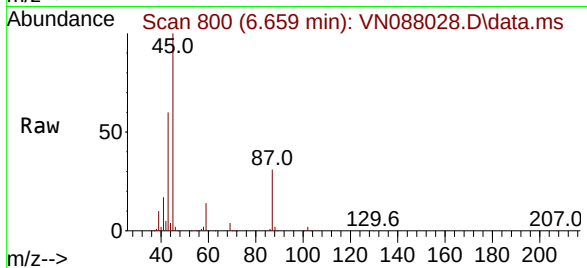




#22
Diisopropyl ether
Concen: 40.196 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

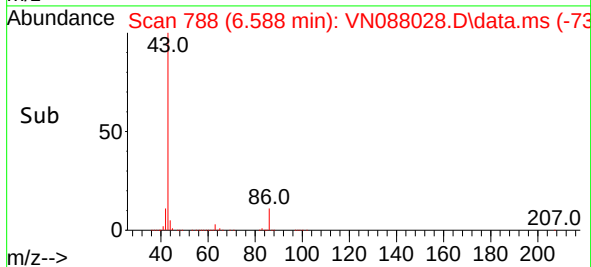
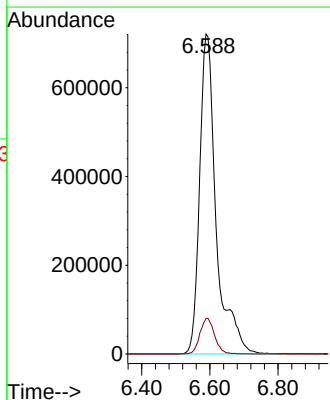
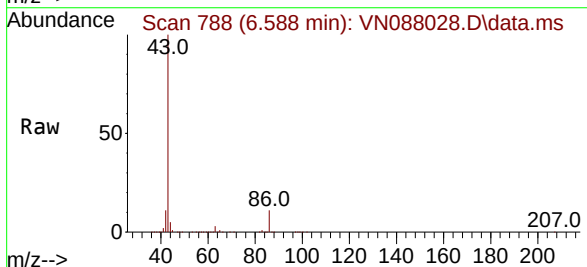
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

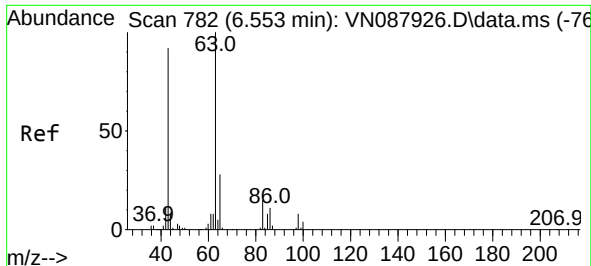
Tgt Ion:	45	Resp:	554910
Ion	Ratio	Lower	Upper
45	100		
43	59.7	49.9	74.9
87	30.7	25.2	37.8
59	13.4	9.6	14.4



#23
Vinyl Acetate
Concen: 209.206 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:	43	Resp:	2431769
Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.6	12.8

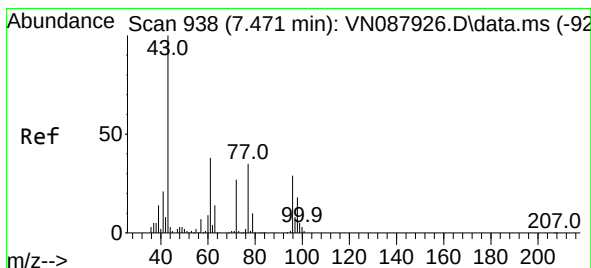
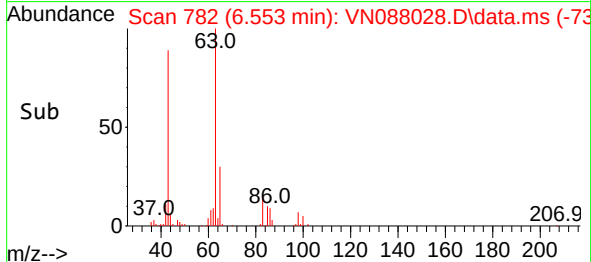
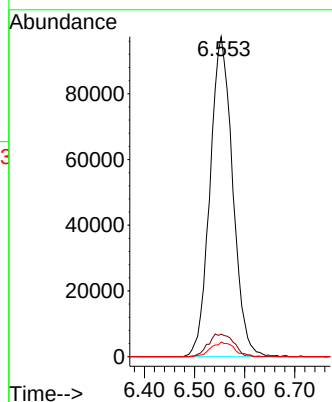
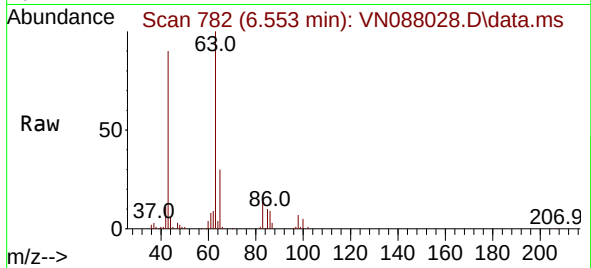




#24
1,1-Dichloroethane
Concen: 37.925 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

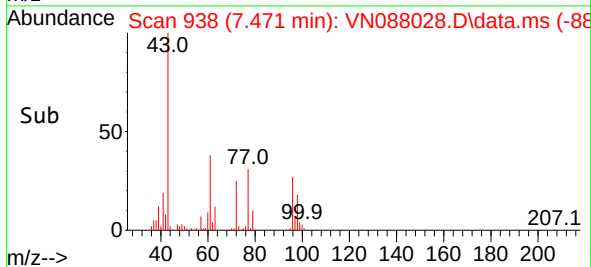
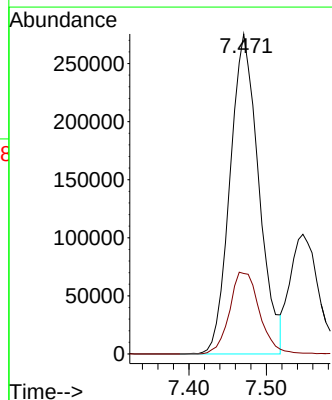
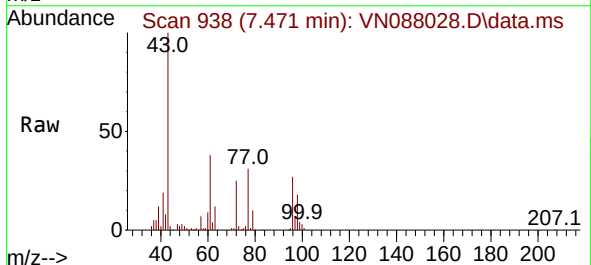
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

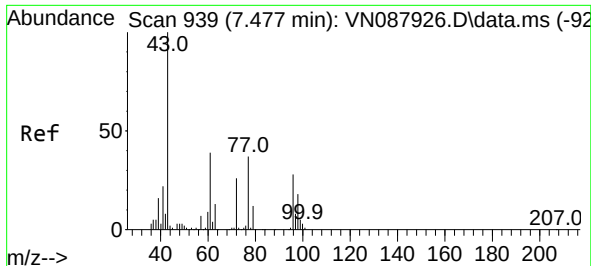
Tgt Ion: 63 Resp: 305879
Ion Ratio Lower Upper
63 100
98 7.1 3.9 11.5
100 4.6 2.1 6.5



#25
2-Butanone
Concen: 194.258 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 43 Resp: 710959
Ion Ratio Lower Upper
43 100
72 25.2 21.5 32.3

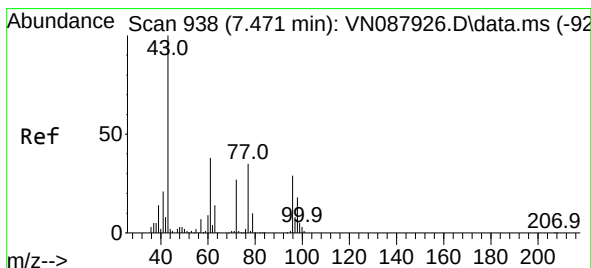
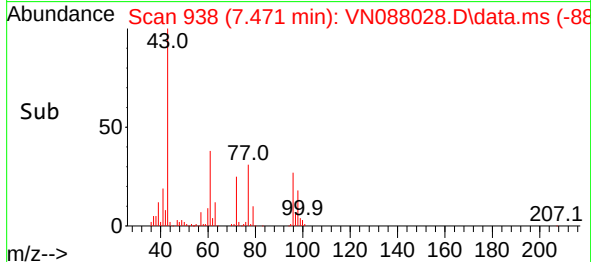
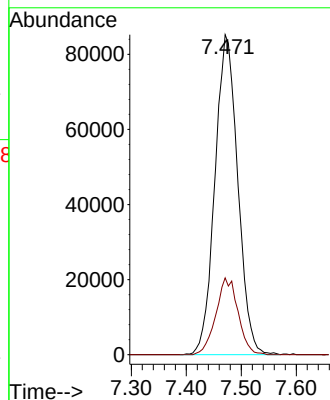
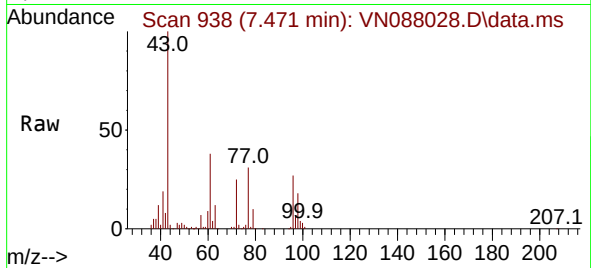




#26
2,2-Dichloropropane
Concen: 34.359 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

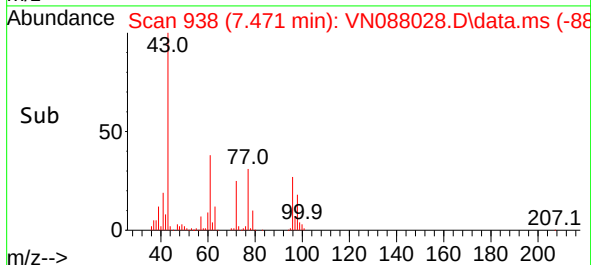
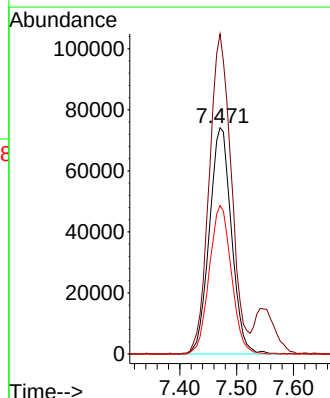
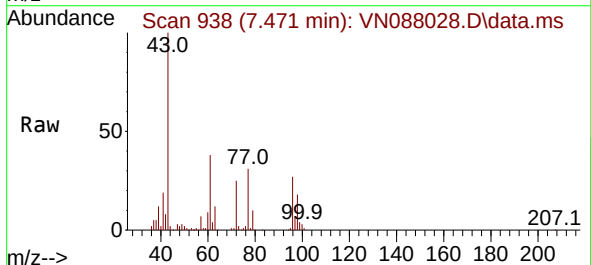
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

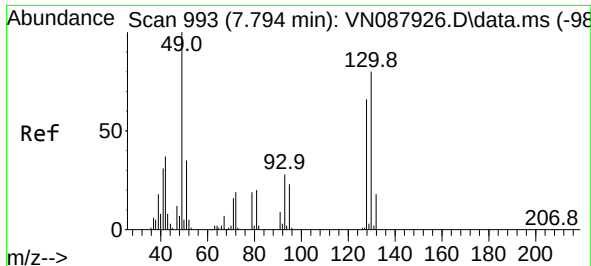
Tgt Ion: 77 Resp: 246214
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5



#27
cis-1,2-Dichloroethene
Concen: 37.764 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 96 Resp: 200090
Ion Ratio Lower Upper
96 100
61 141.6 0.0 283.0
98 65.5 0.0 127.6

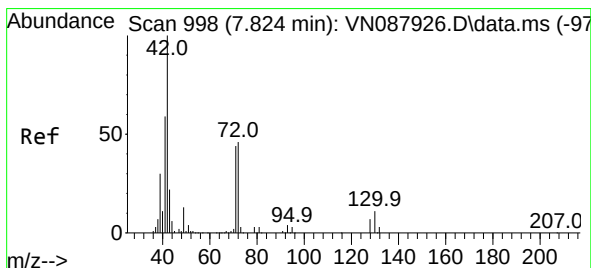
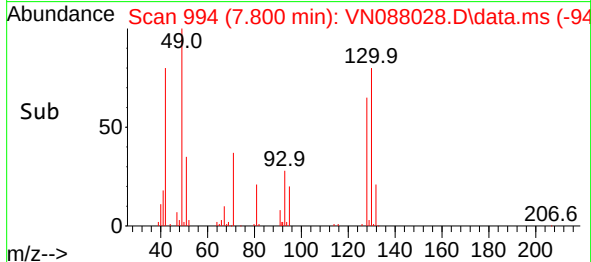
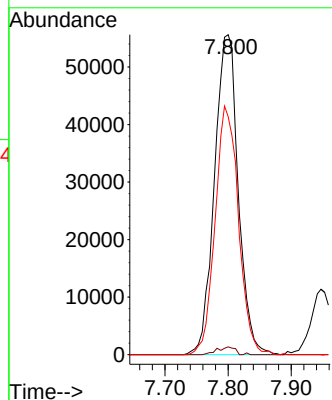
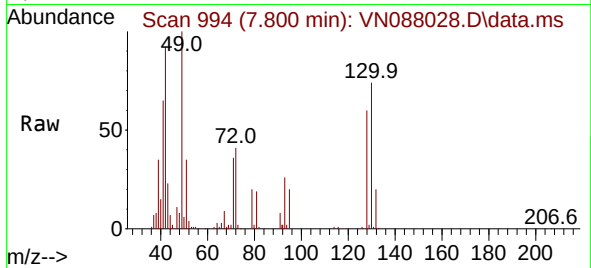




#28
Bromochloromethane
Concen: 33.287 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

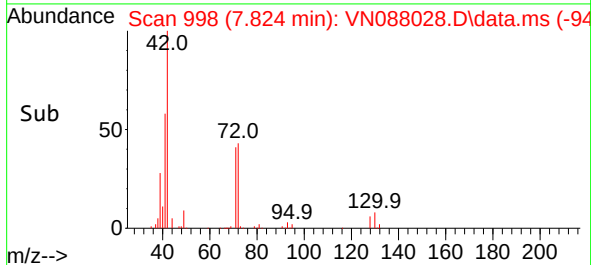
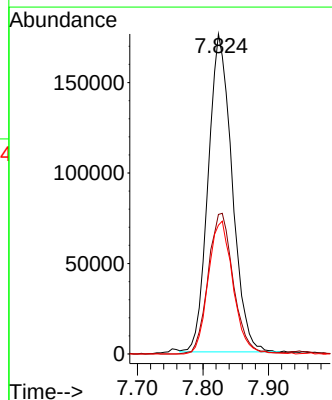
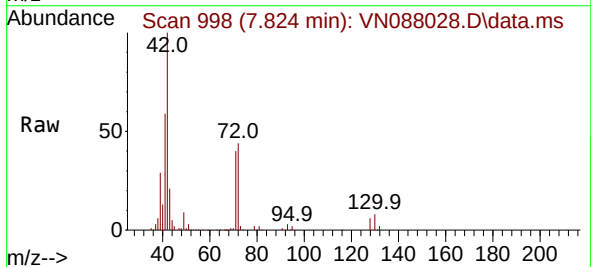
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

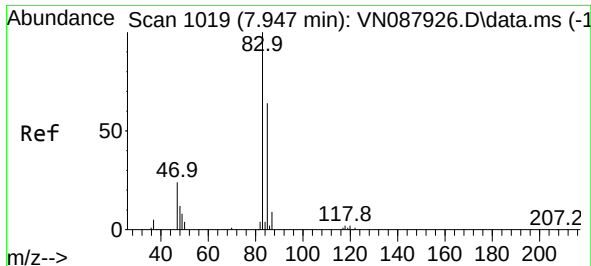
Tgt Ion: 49 Resp: 145865
Ion Ratio Lower Upper
49 100
129 1.8 0.0 5.4
130 76.2 62.6 94.0



#29
Tetrahydrofuran
Concen: 189.567 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 42 Resp: 444245
Ion Ratio Lower Upper
42 100
72 46.7 36.5 54.7
71 43.3 33.8 50.8

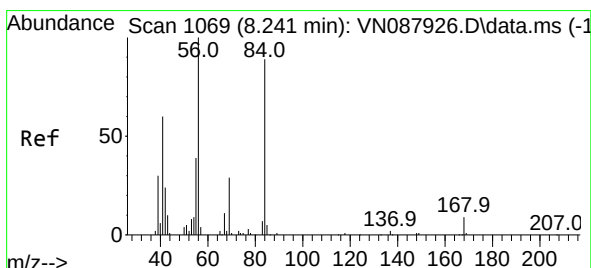
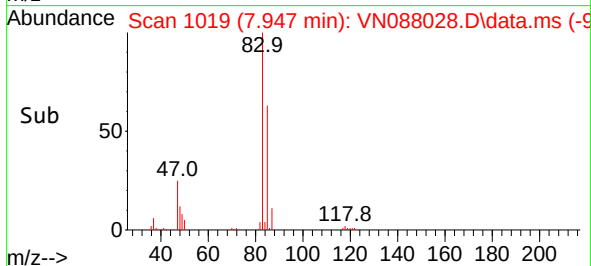
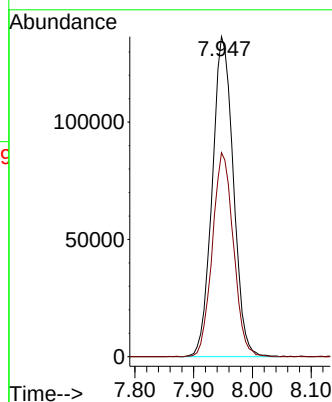
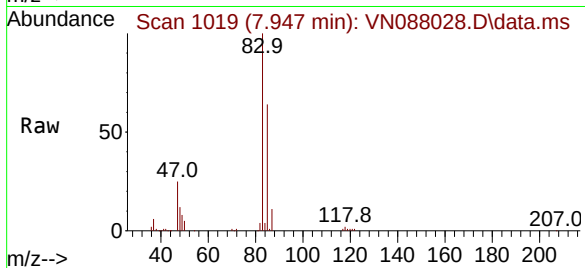




#30
Chloroform
Concen: 38.629 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

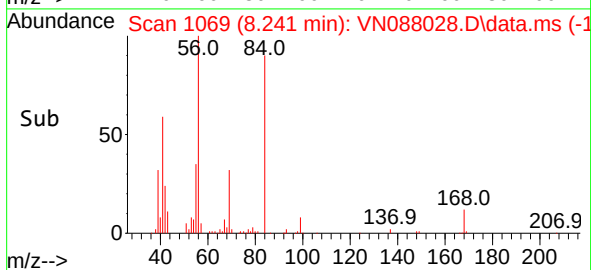
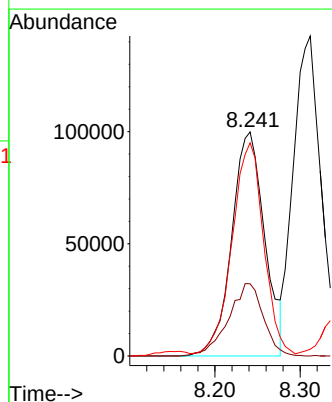
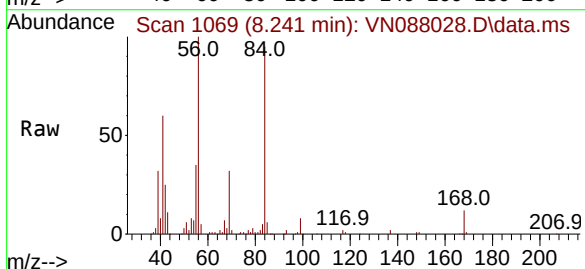
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

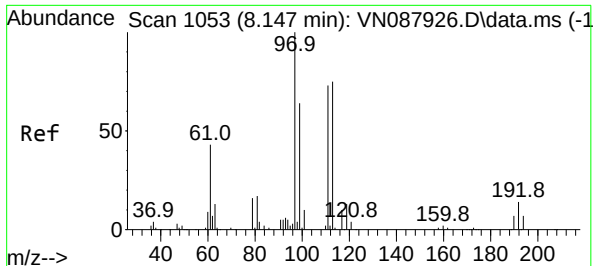
Tgt Ion: 83 Resp: 340660
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3



#31
Cyclohexane
Concen: 41.175 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 56 Resp: 268709
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.0
84 93.0 70.8 106.2





#32

1,1,1-Trichloroethane

Concen: 39.256 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

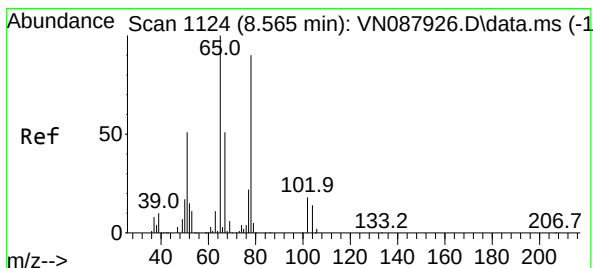
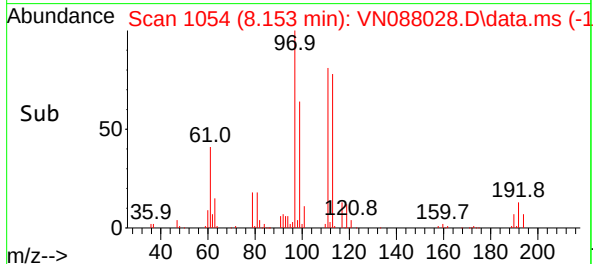
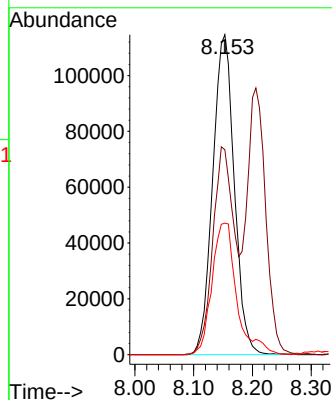
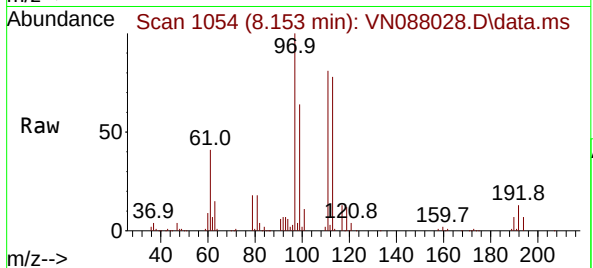
Tgt Ion: 97 Resp: 292524

Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 47.1 38.6 58.0



#33

1,2-Dichloroethane-d4

Concen: 48.173 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN088028.D

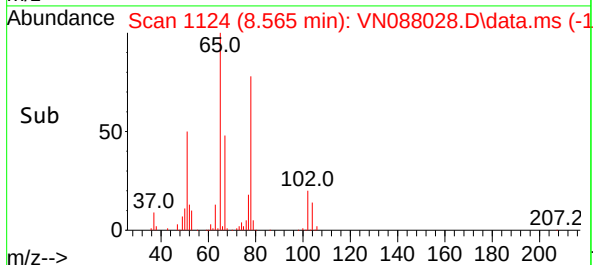
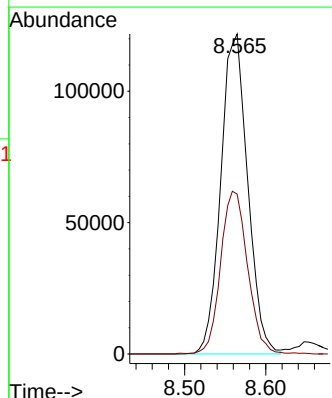
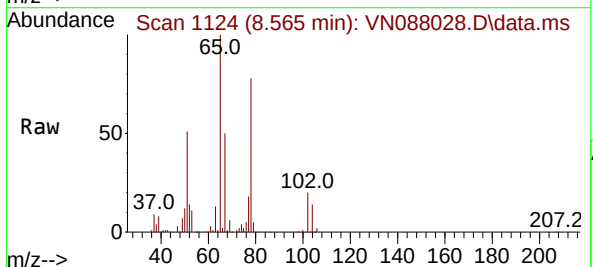
Acq: 03 Oct 2025 16:58

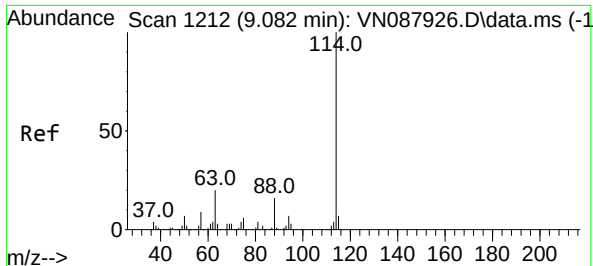
Tgt Ion: 65 Resp: 280352

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

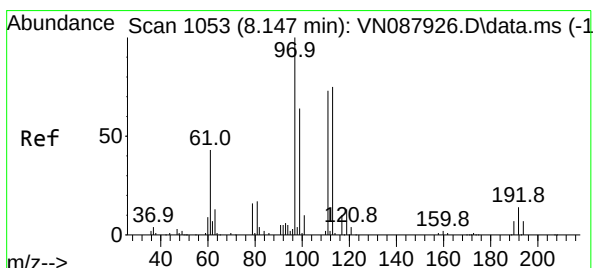
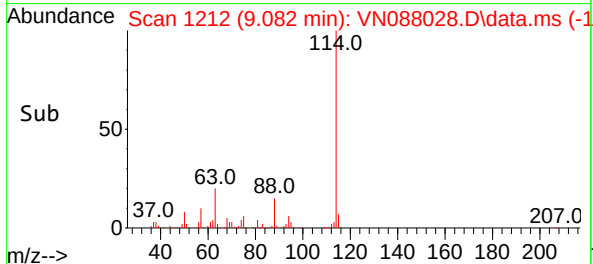
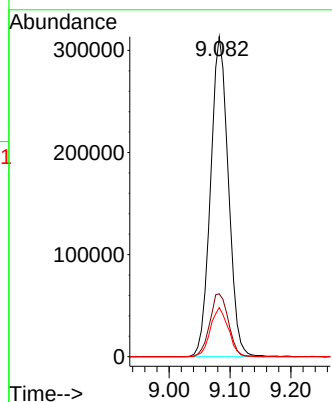
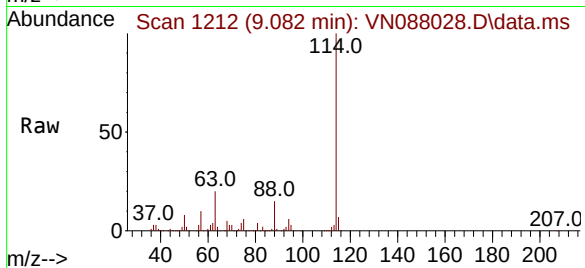
Tgt Ion:114 Resp: 636052

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.561 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

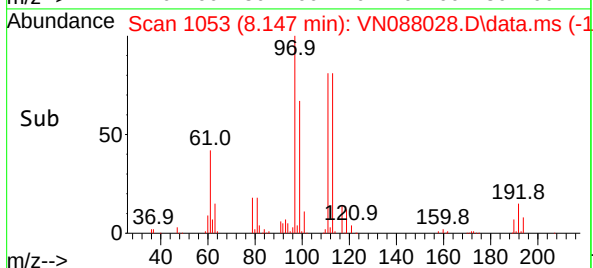
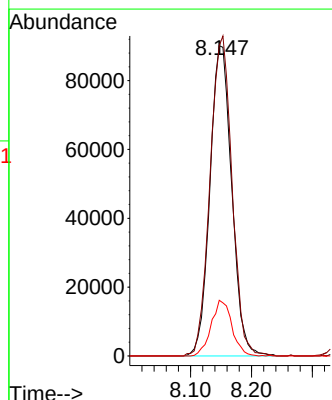
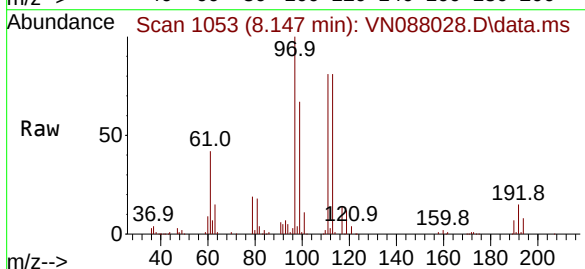
Tgt Ion:113 Resp: 224258

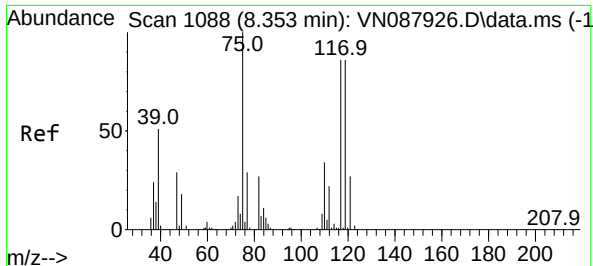
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 17.0 14.2 21.2





#36

1,1-Dichloropropene

Concen: 39.297 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

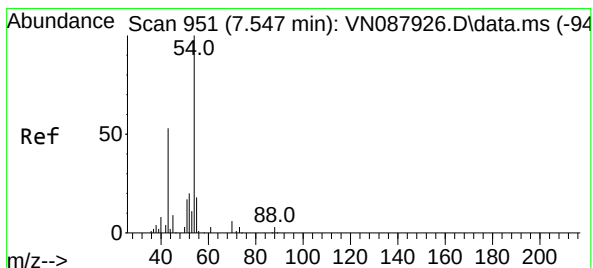
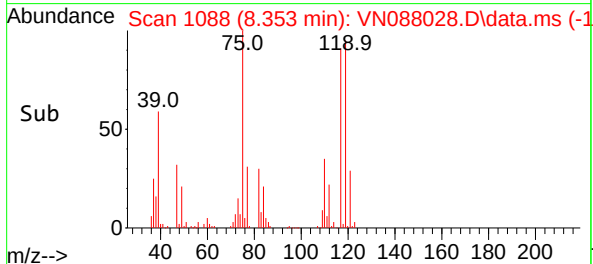
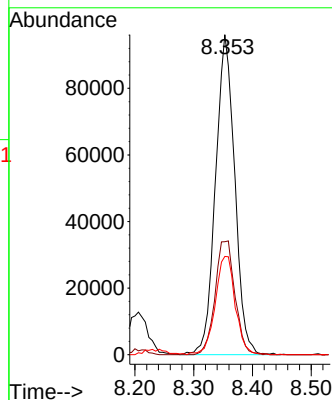
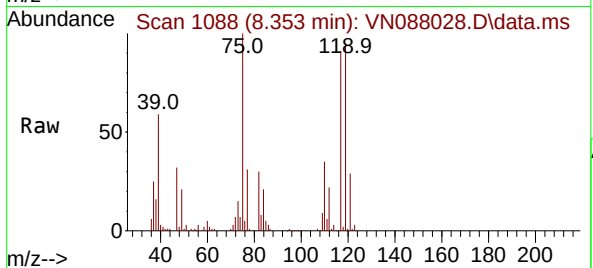
Tgt Ion: 75 Resp: 218218

Ion Ratio Lower Upper

75 100

110 36.9 17.1 51.3

77 32.1 24.8 37.2



#37

Ethyl Acetate

Concen: 36.876 ug/l

RT: 7.547 min Scan# 951

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

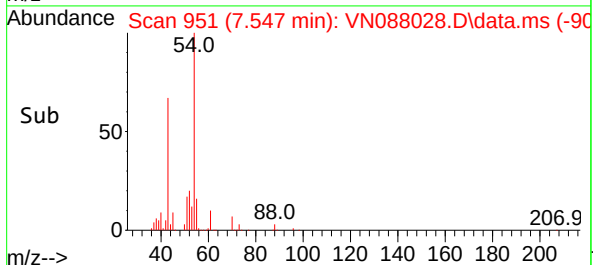
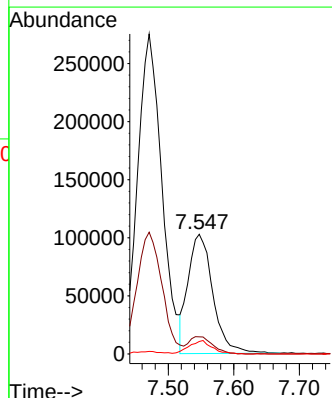
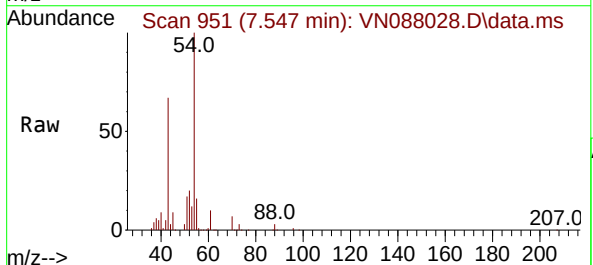
Tgt Ion: 43 Resp: 268896

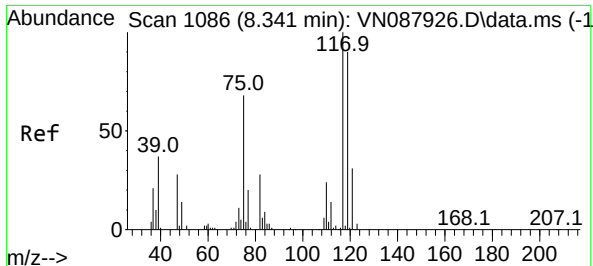
Ion Ratio Lower Upper

43 100

61 13.8 10.7 16.1

70 10.4 7.8 11.8

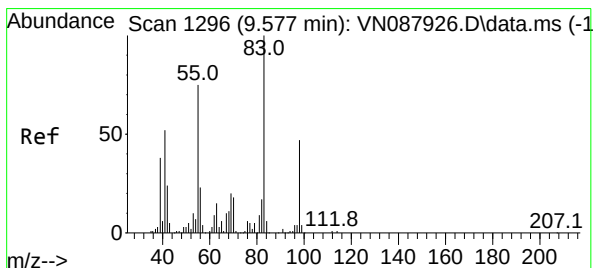
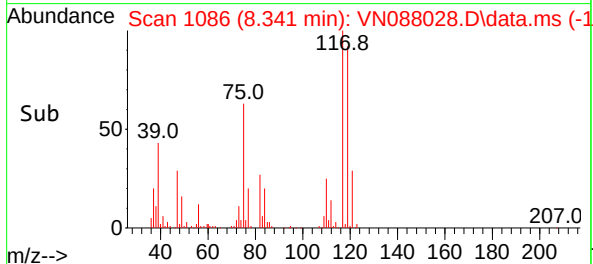
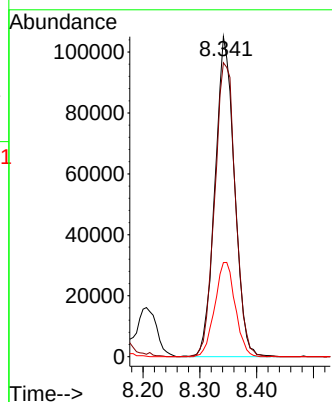
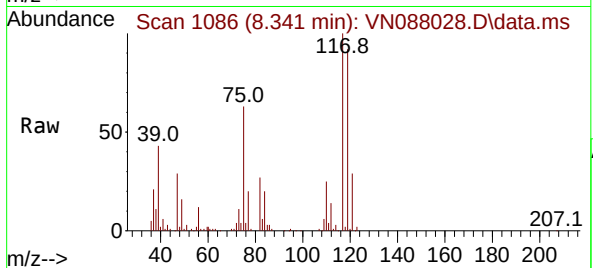




#38
Carbon Tetrachloride
Concen: 39.268 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

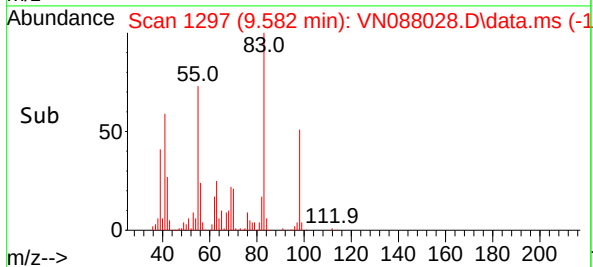
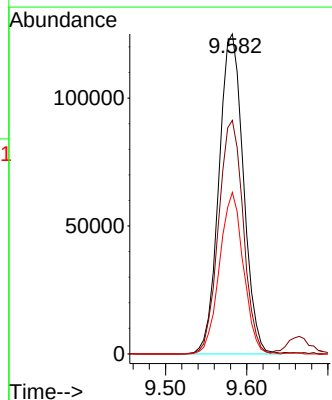
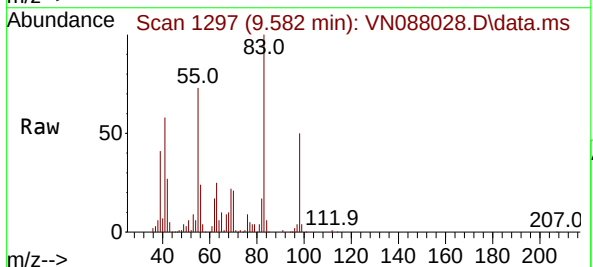
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

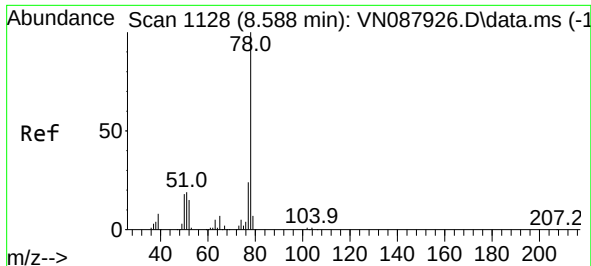
Tgt Ion:117 Resp: 250215
Ion Ratio Lower Upper
117 100
119 91.8 72.1 108.1
121 29.4 24.6 36.8



#39
Methylcyclohexane
Concen: 42.812 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 83 Resp: 262260
Ion Ratio Lower Upper
83 100
55 73.0 59.9 89.9
98 50.5 37.4 56.2

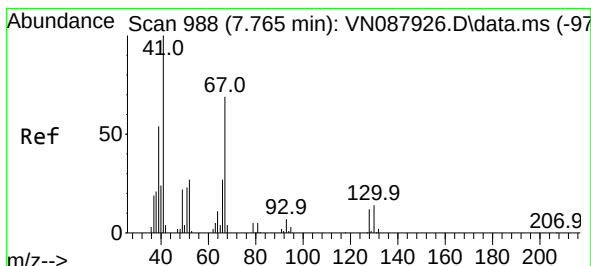
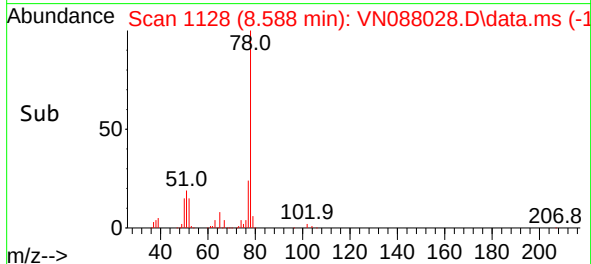
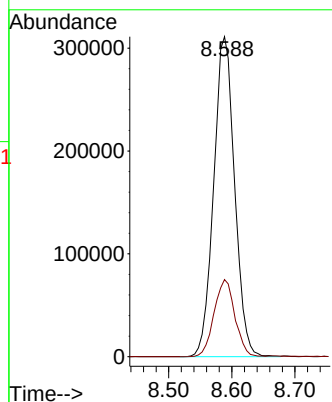
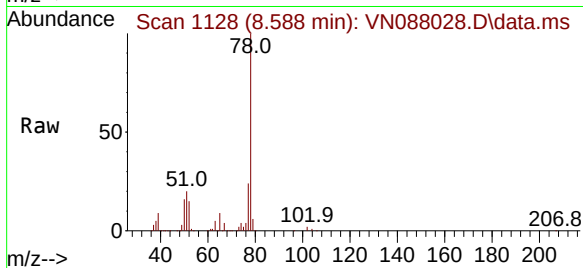




#40
Benzene
Concen: 38.850 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

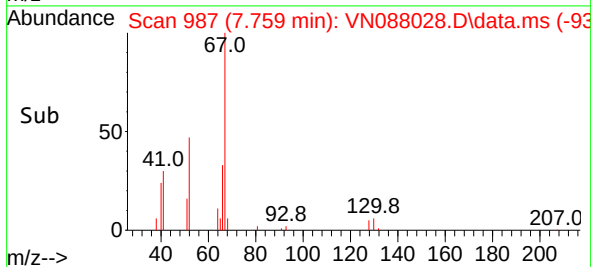
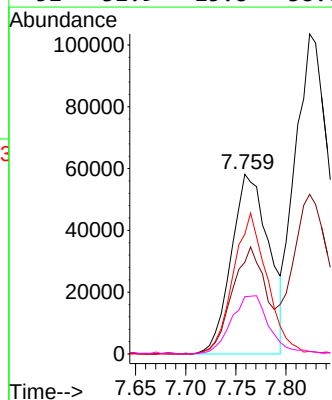
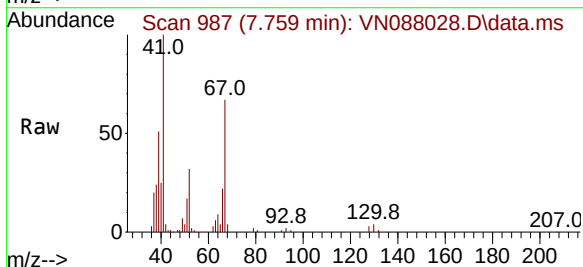
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

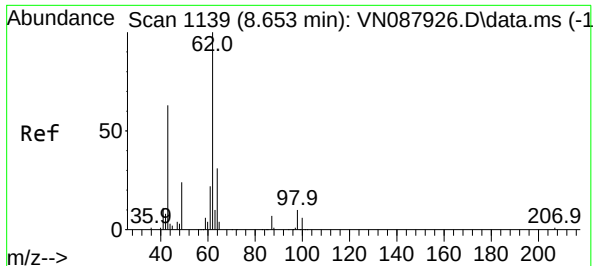
Tgt Ion: 78 Resp: 714301
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#41
Methacrylonitrile
Concen: 40.382 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 41 Resp: 152177
Ion Ratio Lower Upper
41 100
39 52.9 43.5 65.3
67 70.9 57.6 86.4
52 32.9 25.8 38.6

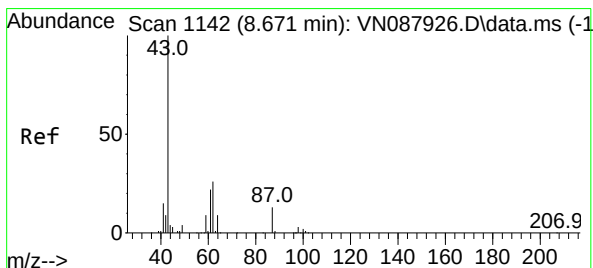
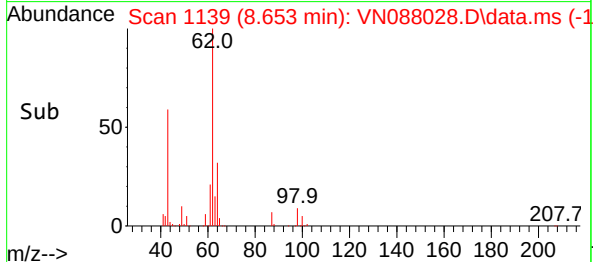
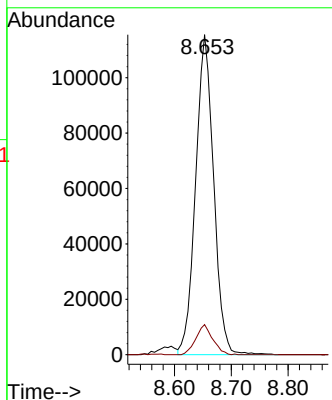
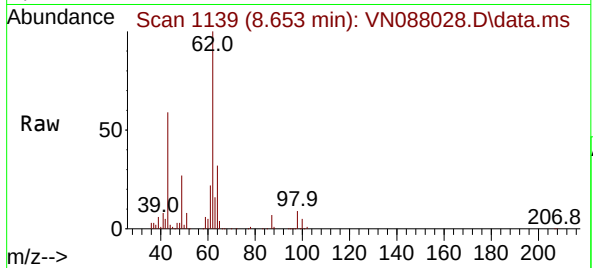




#42
1,2-Dichloroethane
Concen: 37.142 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

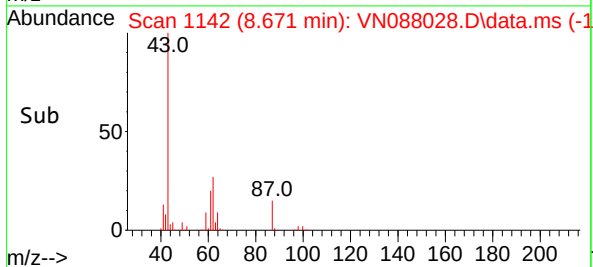
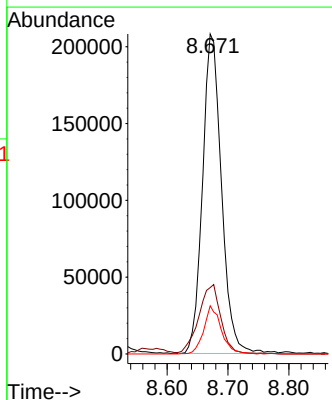
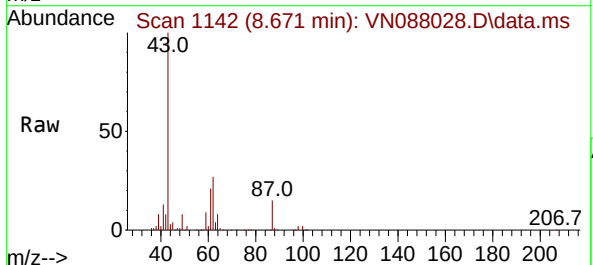
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

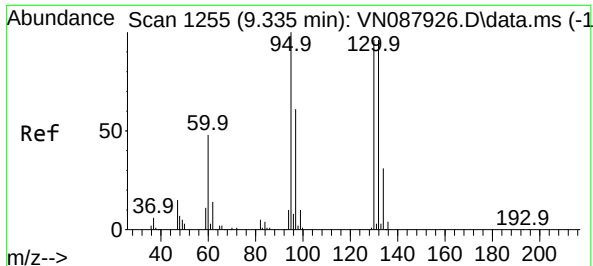
Tgt Ion: 62 Resp: 254844
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.6



#43
Isopropyl Acetate
Concen: 39.311 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 43 Resp: 451209
Ion Ratio Lower Upper
43 100
61 25.6 20.2 30.2
87 13.8 10.9 16.3

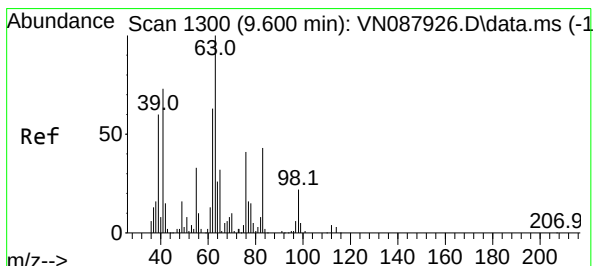
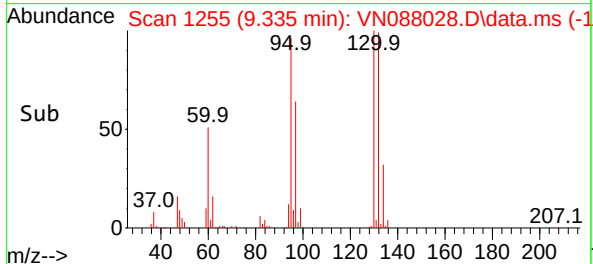
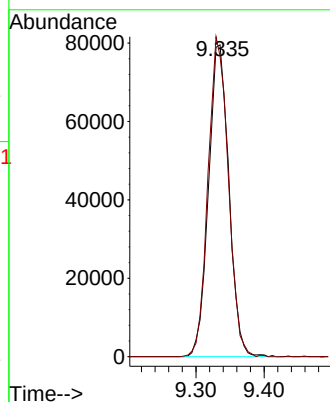
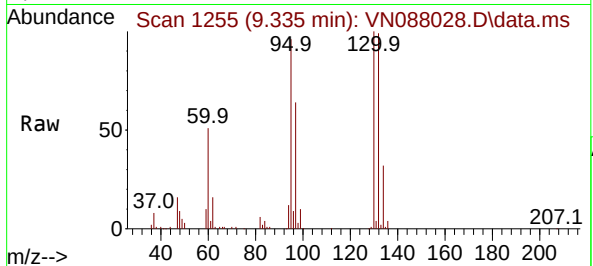




#44
Trichloroethene
Concen: 37.603 ug/l
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

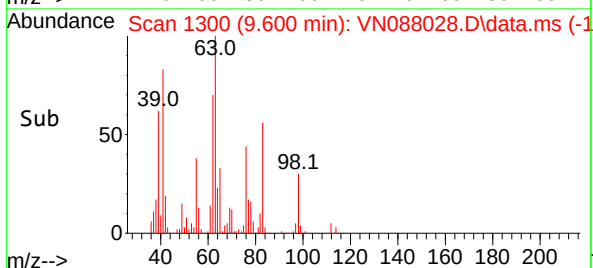
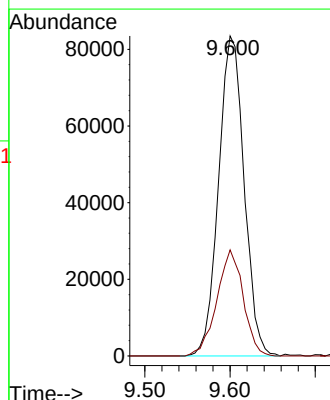
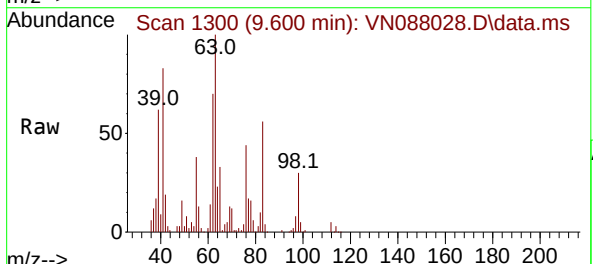
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

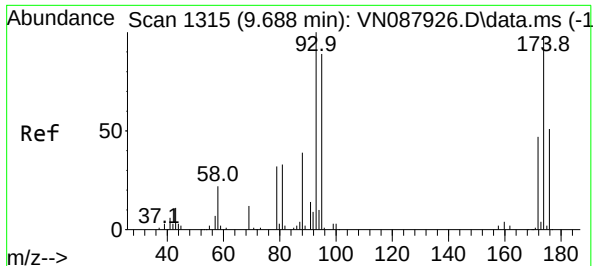
Tgt Ion:130 Resp: 165147
Ion Ratio Lower Upper
130 100
95 96.4 0.0 208.0



#45
1,2-Dichloropropane
Concen: 37.700 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 63 Resp: 173813
Ion Ratio Lower Upper
63 100
65 33.2 25.4 38.0

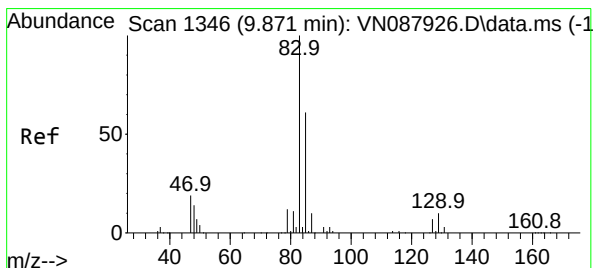
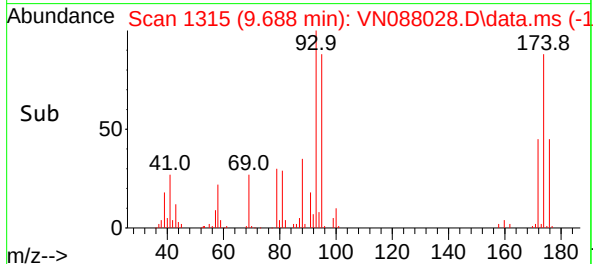
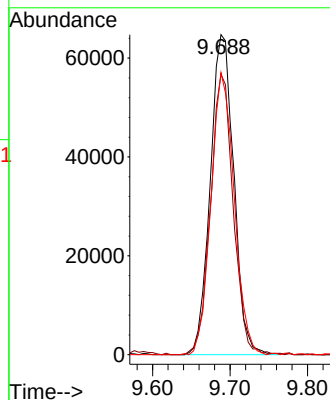
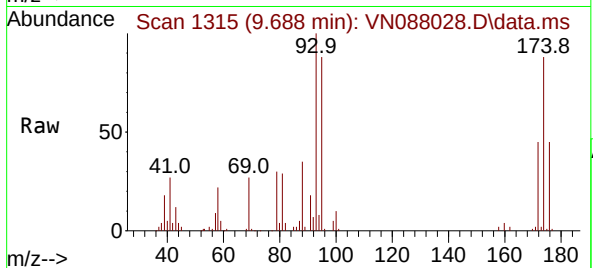




#46
Dibromomethane
Concen: 37.561 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

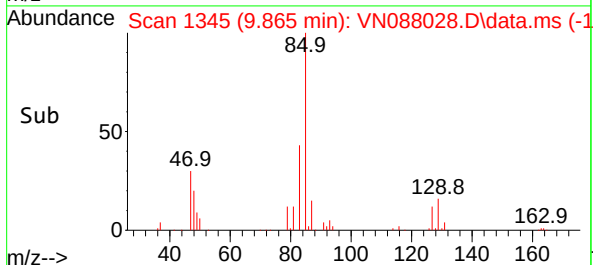
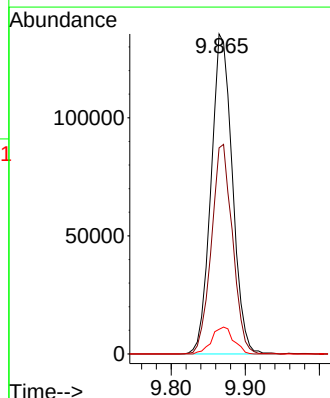
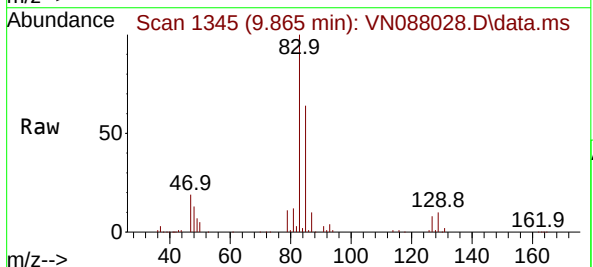
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

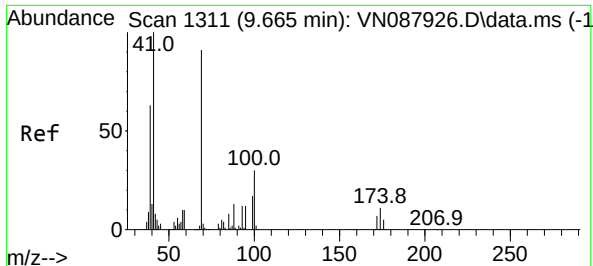
Tgt Ion: 93 Resp: 136646
Ion Ratio Lower Upper
93 100
95 84.7 67.6 101.4
174 86.9 75.4 113.0



#47
Bromodichloromethane
Concen: 37.949 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 83 Resp: 270783
Ion Ratio Lower Upper
83 100
85 64.4 49.1 73.7
127 7.7 5.9 8.9





#48

Methyl methacrylate

Concen: 39.176 ug/l

RT: 9.665 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

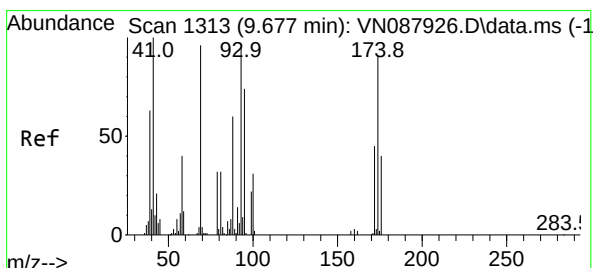
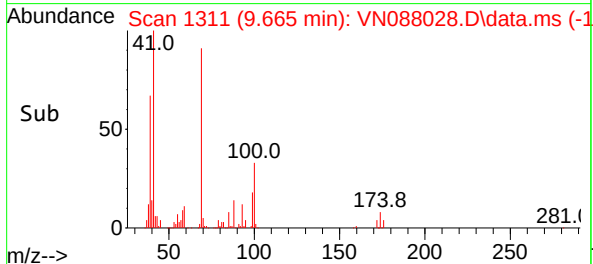
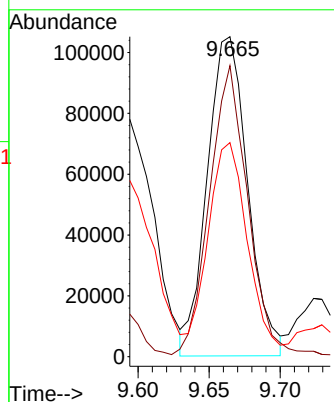
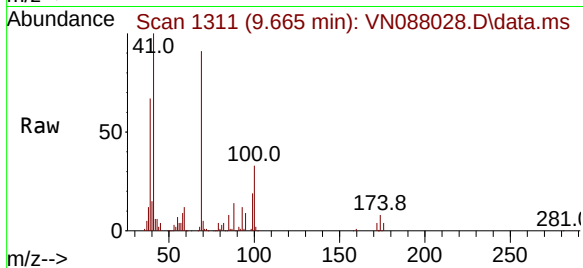
Tgt Ion: 41 Resp: 208237

Ion Ratio Lower Upper

41 100

69 85.9 70.9 106.3

39 66.3 52.9 79.3



#49

1,4-Dioxane

Concen: 805.147 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

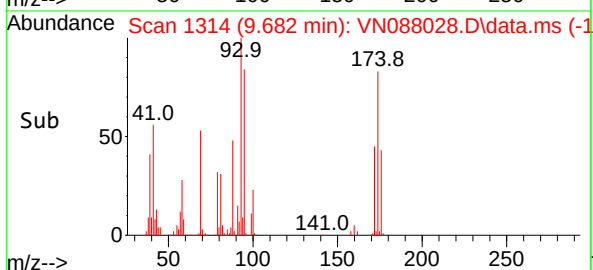
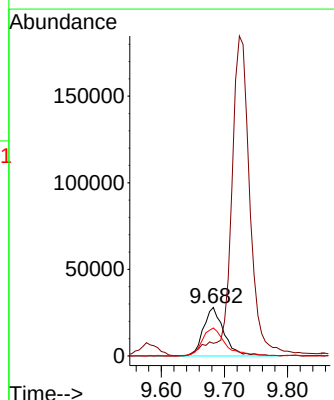
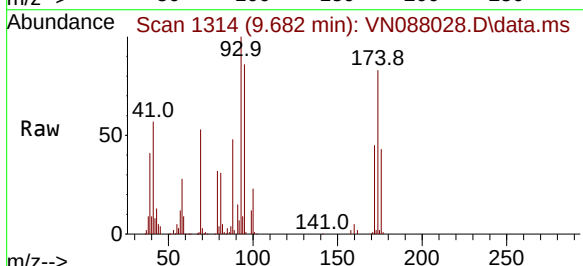
Tgt Ion: 88 Resp: 63224

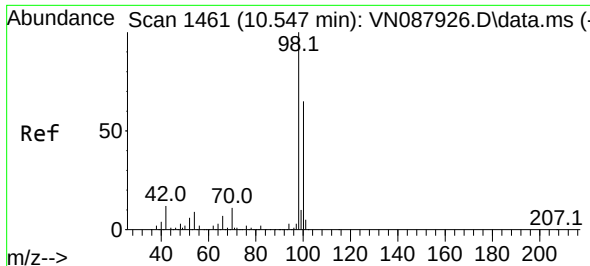
Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 65.4 57.4 86.2

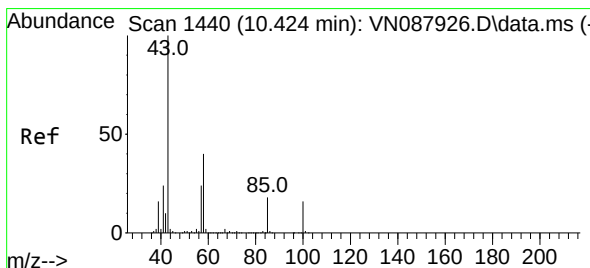
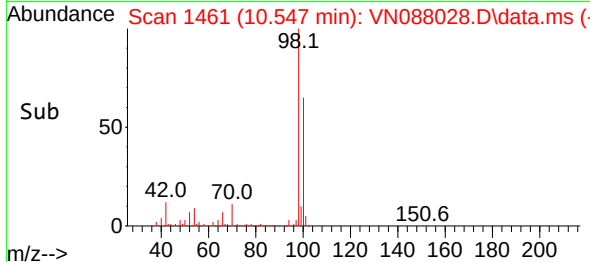
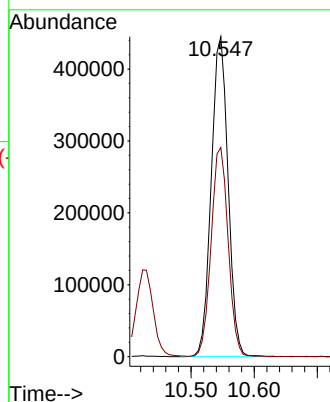
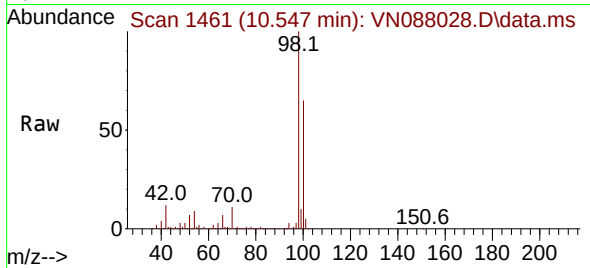




#50
Toluene-d8
Concen: 50.660 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

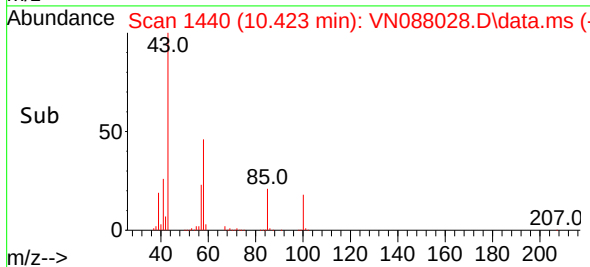
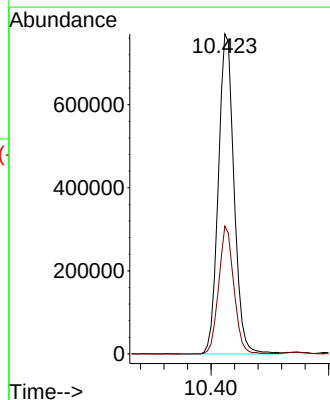
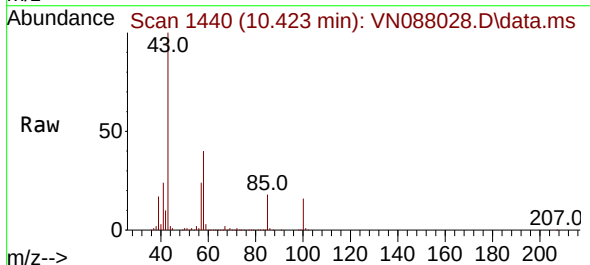
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

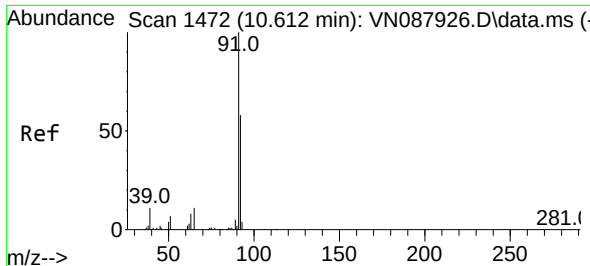
Tgt Ion: 98 Resp: 822717
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 199.482 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 43 Resp: 1428742
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.6

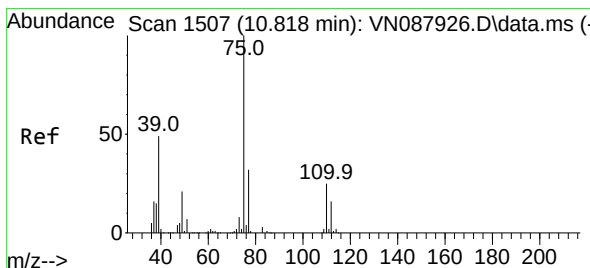
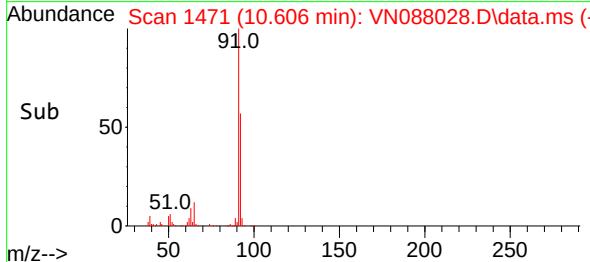
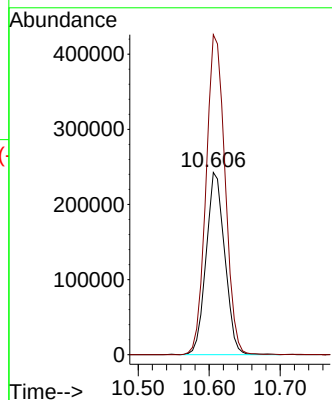
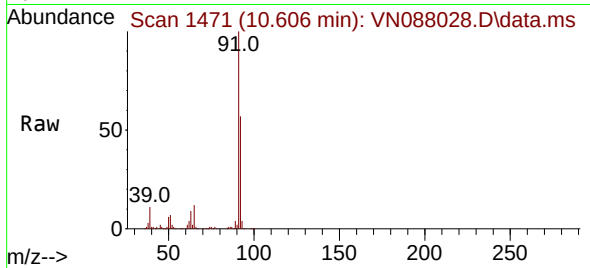




#52
Toluene
Concen: 38.372 ug/l
RT: 10.606 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

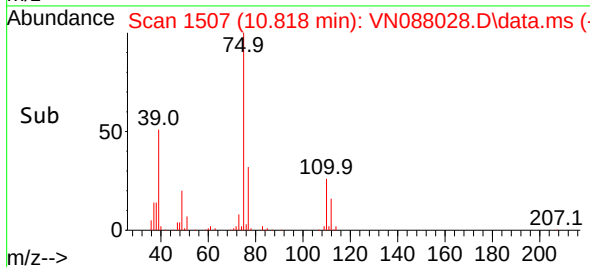
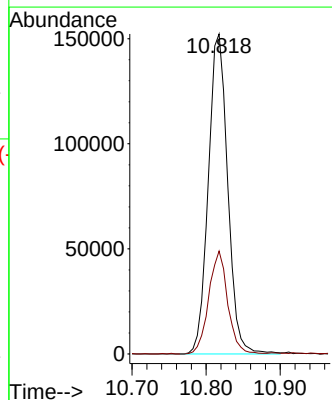
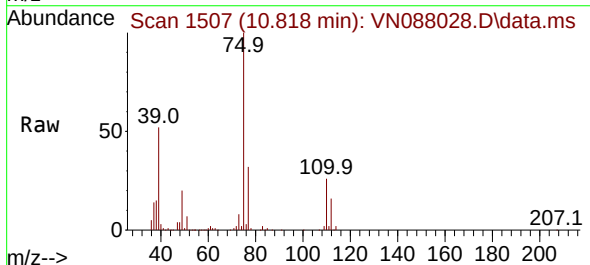
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

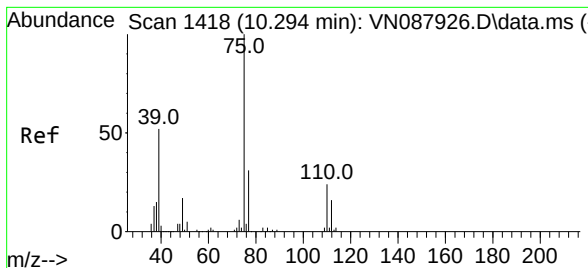
Tgt Ion: 92 Resp: 442727
Ion Ratio Lower Upper
92 100
91 179.0 138.2 207.2



#53
t-1,3-Dichloropropene
Concen: 37.907 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 75 Resp: 276823
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

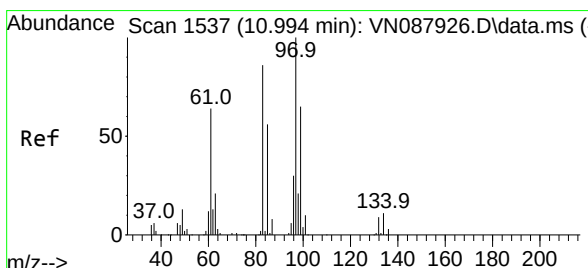
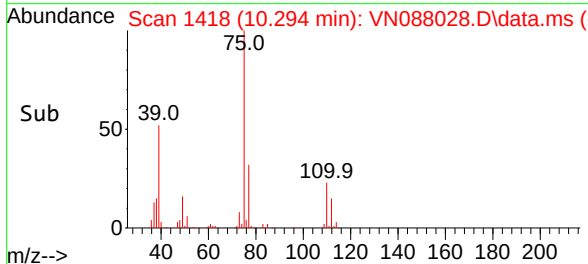
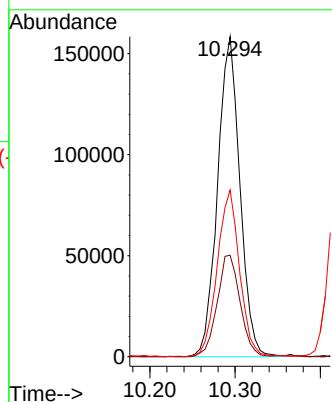
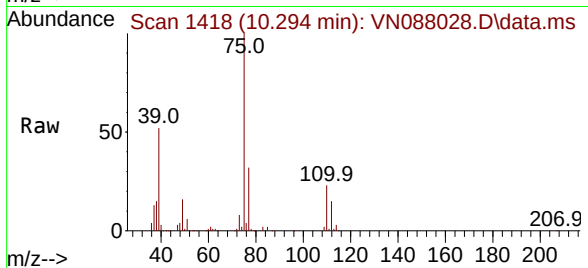




#54
cis-1,3-Dichloropropene
Concen: 37.974 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

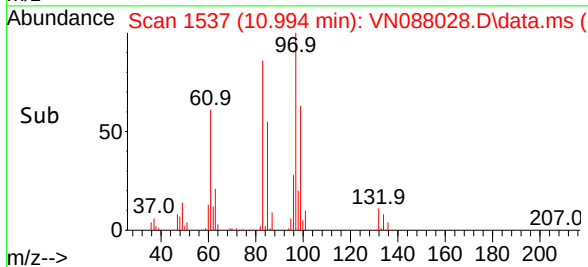
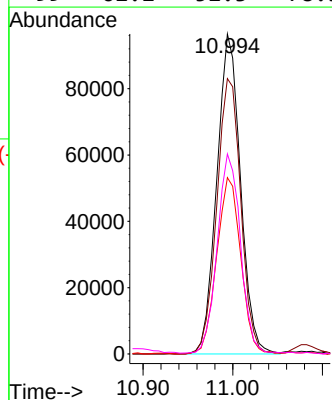
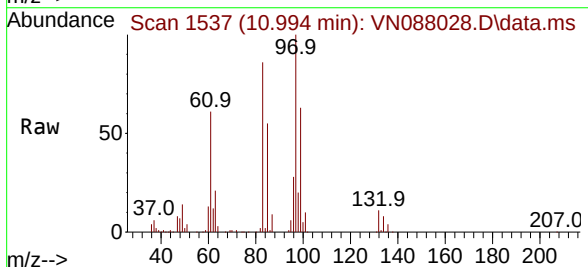
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

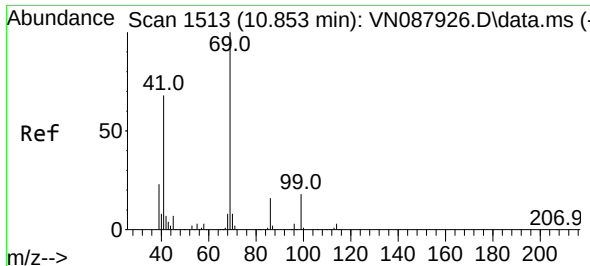
Tgt Ion: 75 Resp: 288021
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 51.9 41.4 62.0



#55
1,1,2-Trichloroethane
Concen: 37.700 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 97 Resp: 176865
Ion Ratio Lower Upper
97 100
83 86.1 69.0 103.4
85 55.1 44.4 66.6
99 62.2 52.3 78.5

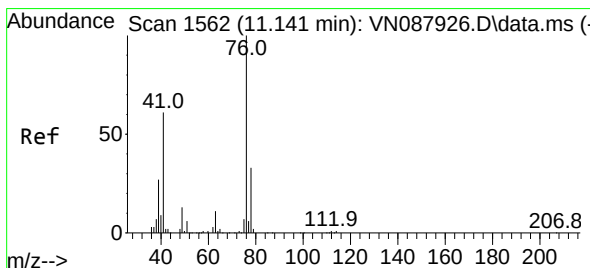
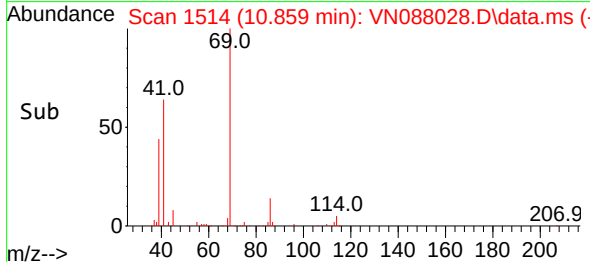
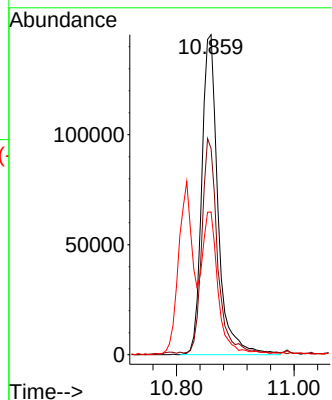
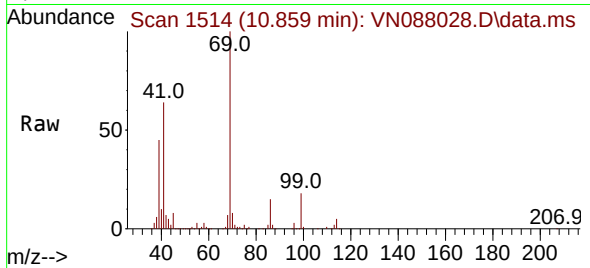




#56
Ethyl methacrylate
Concen: 41.389 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

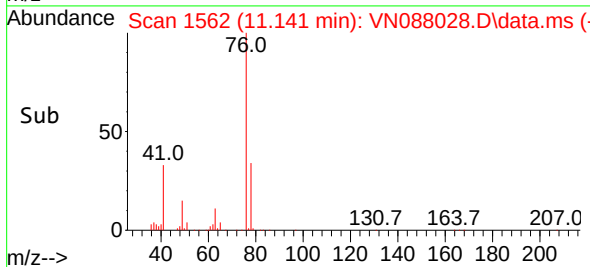
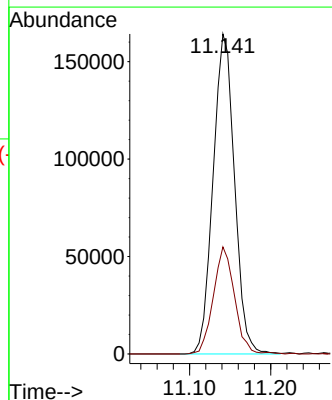
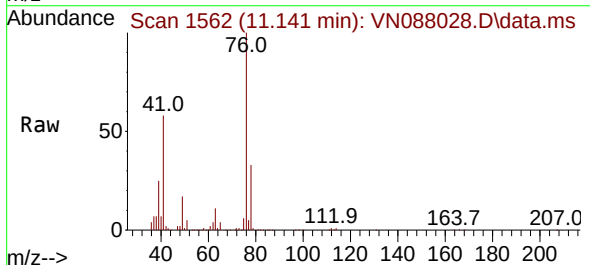
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

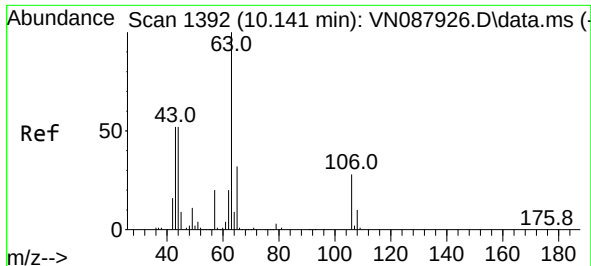
Tgt Ion: 69 Resp: 280564
Ion Ratio Lower Upper
69 100
41 63.8 53.8 80.6
39 43.4 34.7 52.1



#57
1,3-Dichloropropane
Concen: 39.039 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 76 Resp: 301232
Ion Ratio Lower Upper
76 100
78 33.0 26.0 39.0

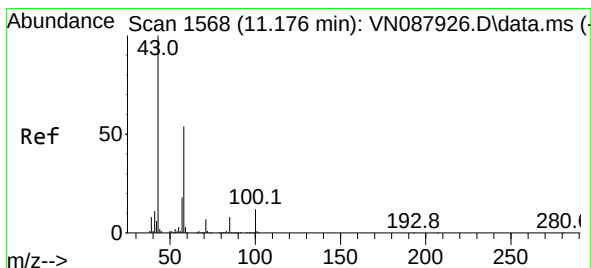
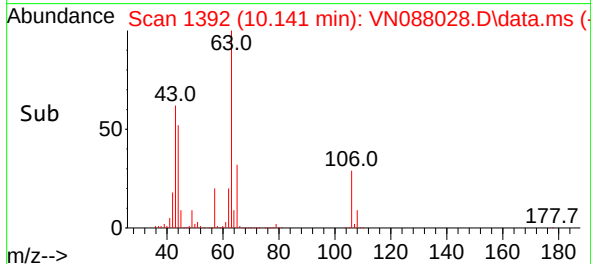
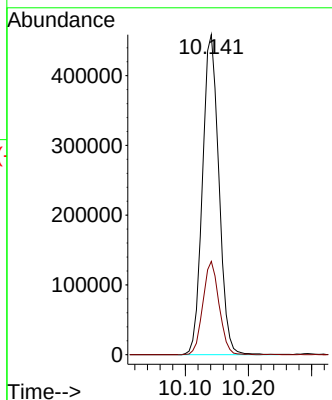
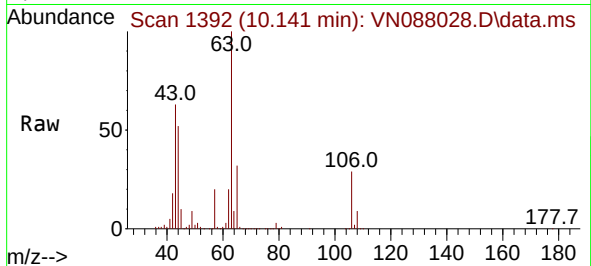




#58
2-Chloroethyl Vinyl ether
Concen: 259.551 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

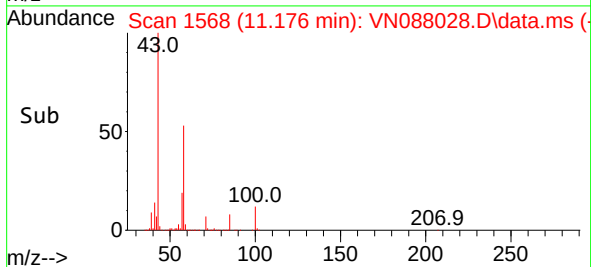
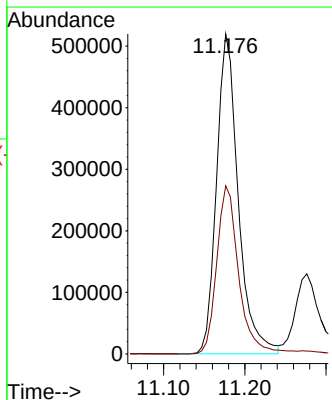
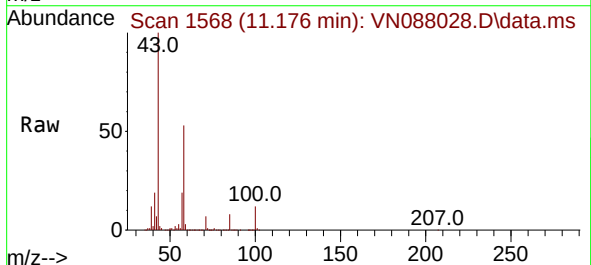
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

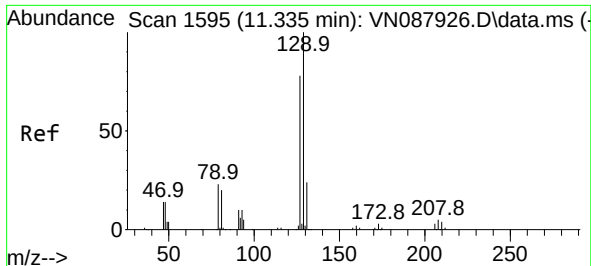
Tgt Ion: 63 Resp: 827250
Ion Ratio Lower Upper
63 100
106 28.7 22.6 33.8



#59
2-Hexanone
Concen: 203.881 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 43 Resp: 965551
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.2

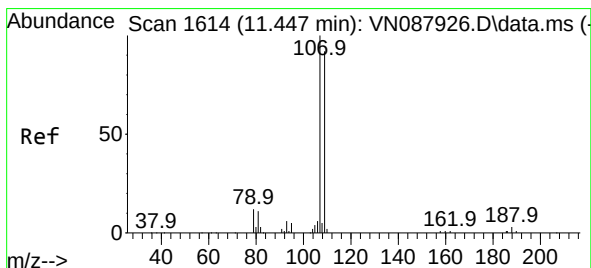
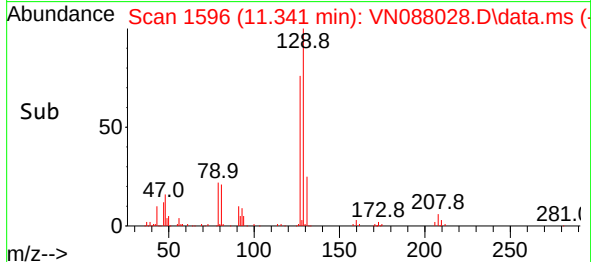
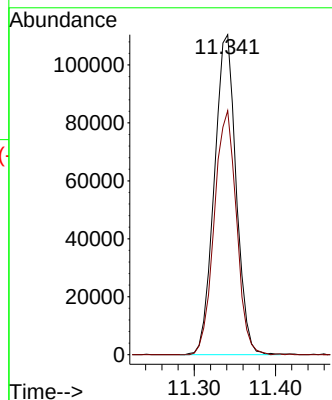
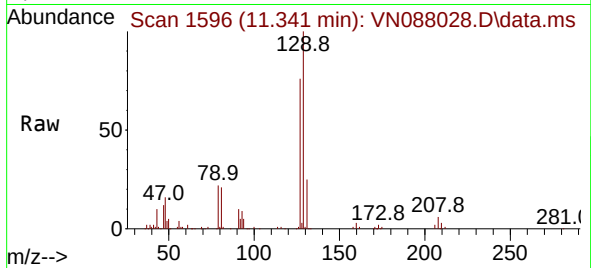




#60
Dibromochloromethane
Concen: 37.407 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

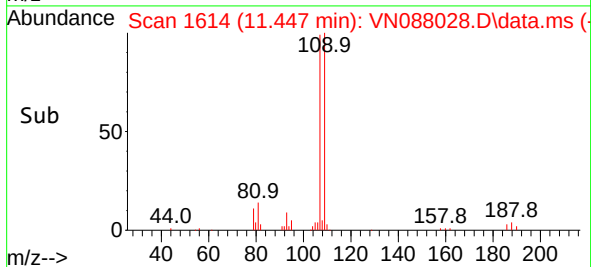
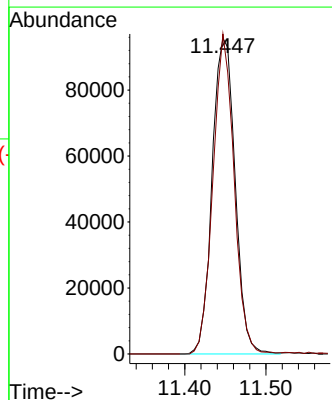
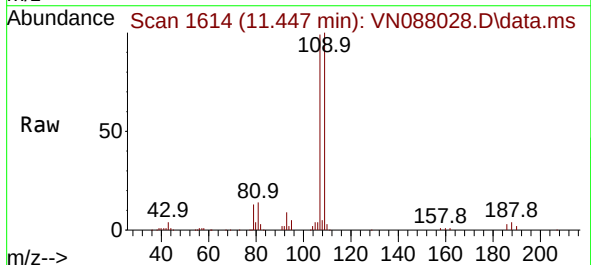
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

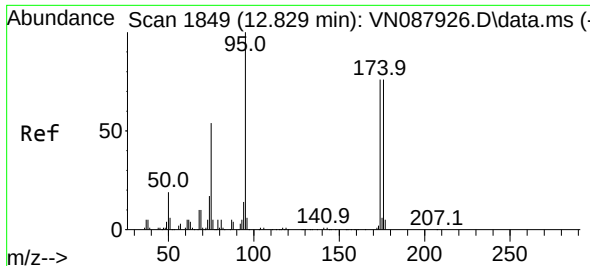
Tgt Ion:129 Resp: 206334
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.9



#61
1,2-Dibromoethane
Concen: 37.774 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:107 Resp: 187604
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9

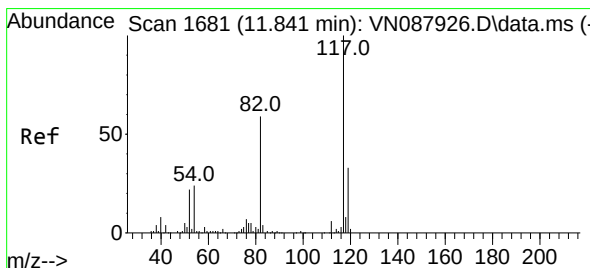
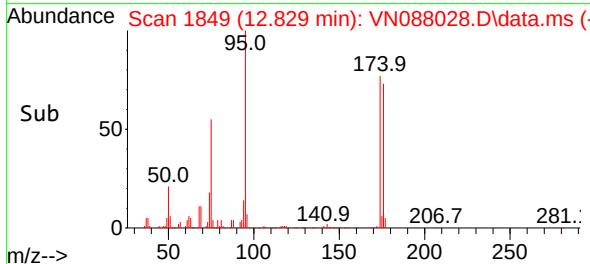
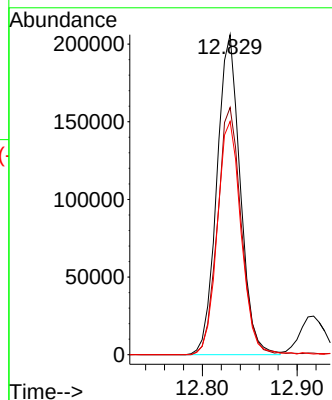
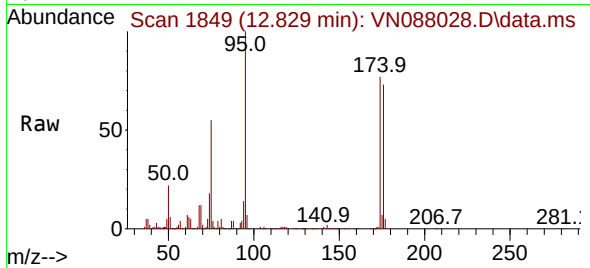




#62
4-Bromofluorobenzene
Concen: 60.857 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

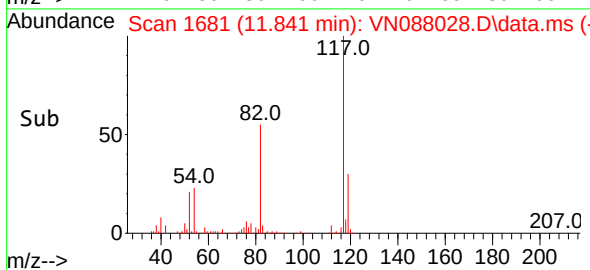
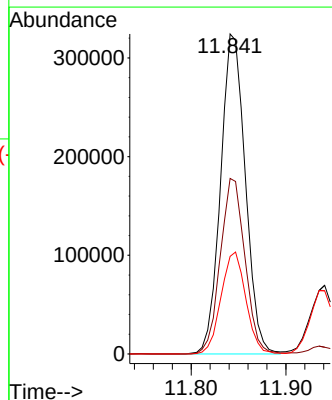
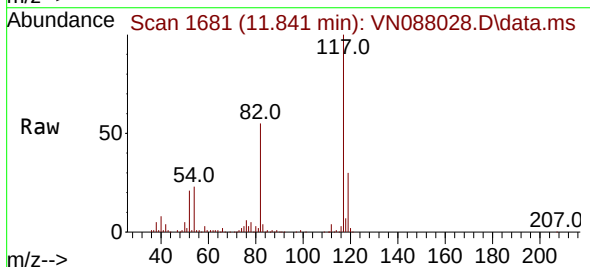
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

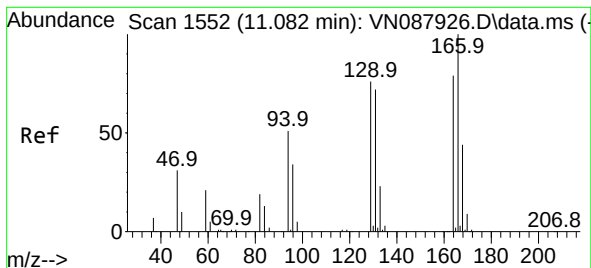
Tgt Ion: 95 Resp: 353271
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 74.5 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 117 Resp: 589413
Ion Ratio Lower Upper
117 100
82 54.8 47.0 70.4
119 30.5 26.1 39.1





#64

Tetrachloroethene

Concen: 39.577 ug/l

RT: 11.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:164 Resp: 142095

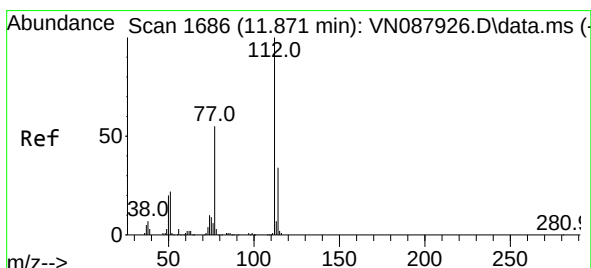
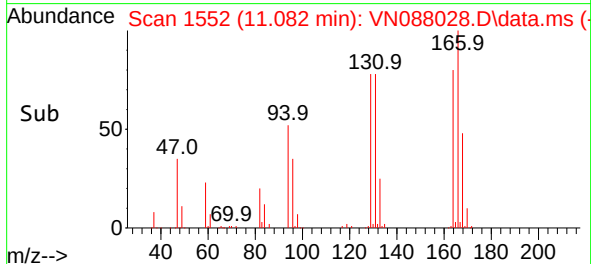
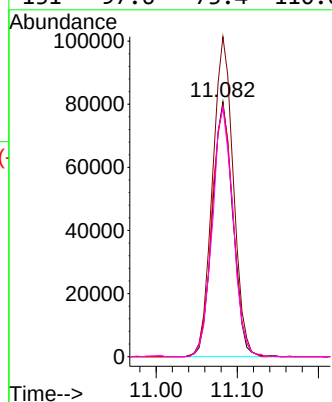
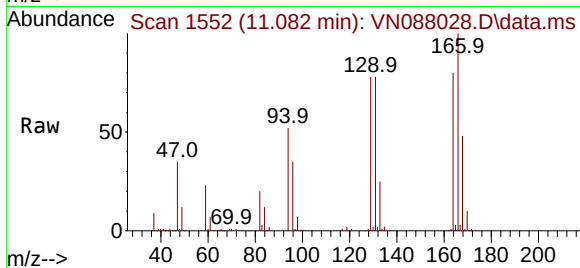
Ion Ratio Lower Upper

164 100

166 125.5 101.6 152.4

129 98.4 77.5 116.3

131 97.6 73.4 110.0



#65

Chlorobenzene

Concen: 39.808 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088028.D

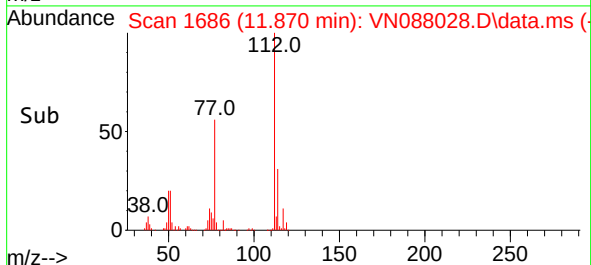
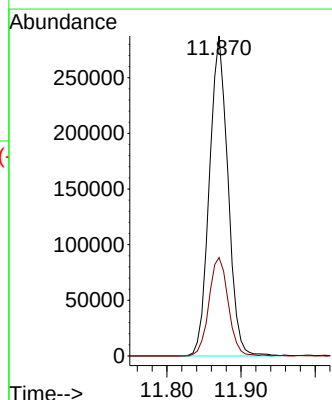
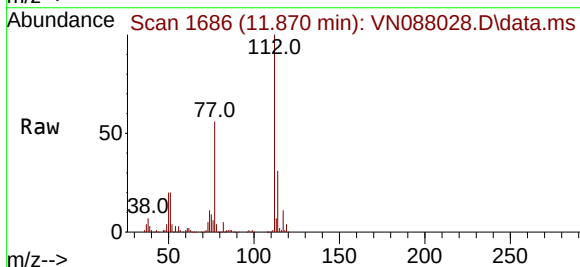
Acq: 03 Oct 2025 16:58

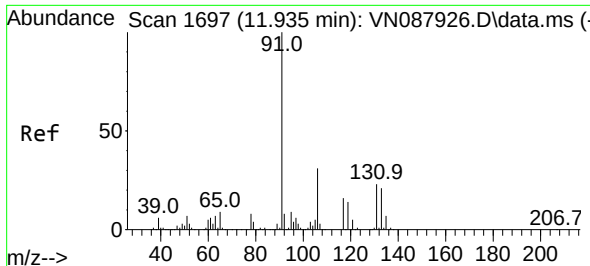
Tgt Ion:112 Resp: 499320

Ion Ratio Lower Upper

112 100

114 30.7 27.2 40.8

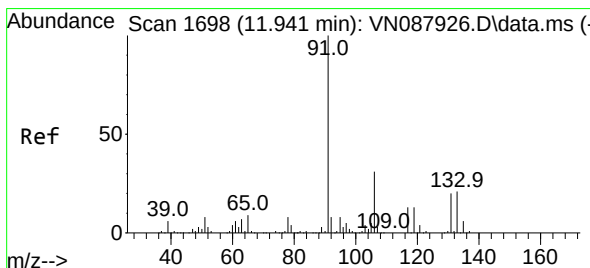
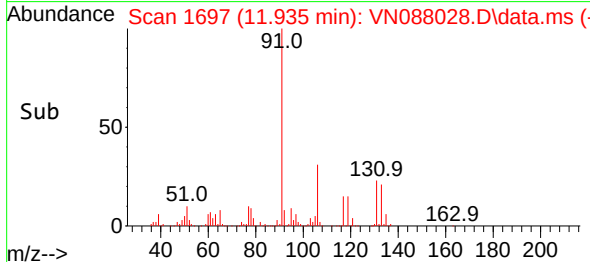
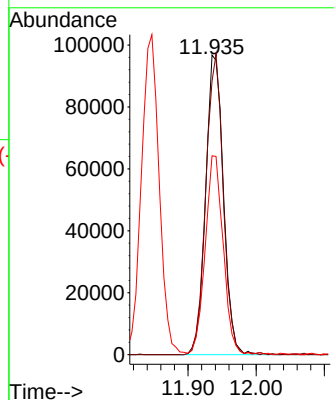
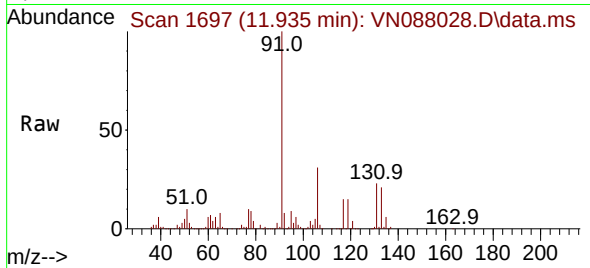




#66
 1,1,1,2-Tetrachloroethane
 Concen: 38.880 ug/l
 RT: 11.935 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

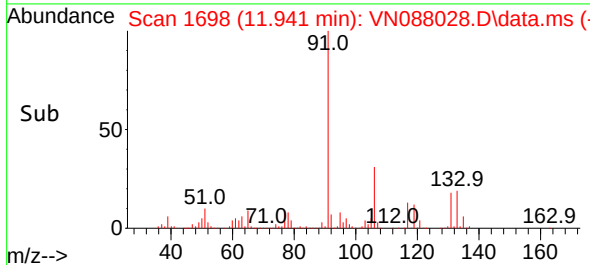
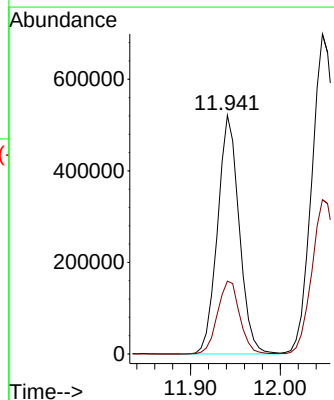
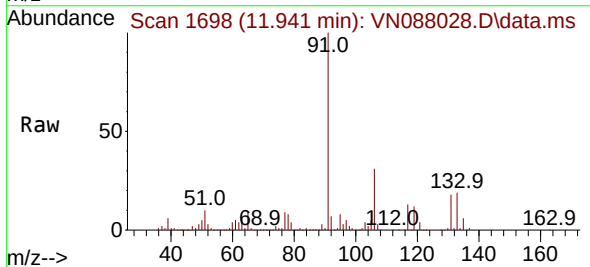
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

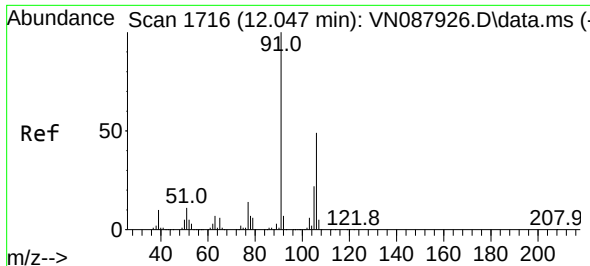
Tgt Ion:131 Resp: 175863
 Ion Ratio Lower Upper
 131 100
 133 97.8 48.4 145.0
 119 66.5 31.9 95.5



#67
 Ethyl Benzene
 Concen: 41.676 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

Tgt Ion: 91 Resp: 872263
 Ion Ratio Lower Upper
 91 100
 106 30.5 25.2 37.8

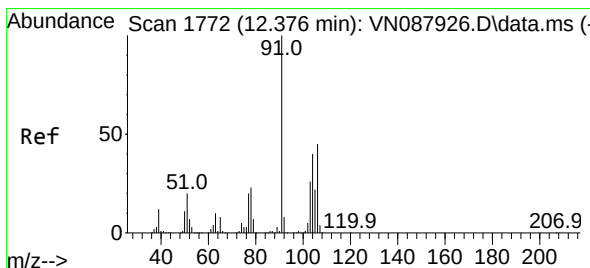
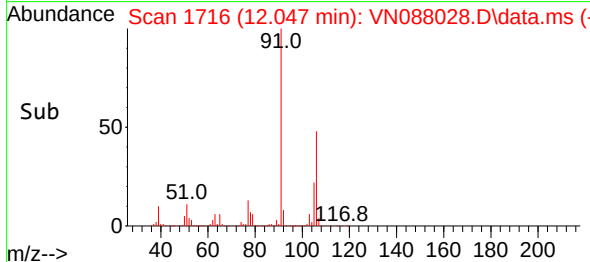
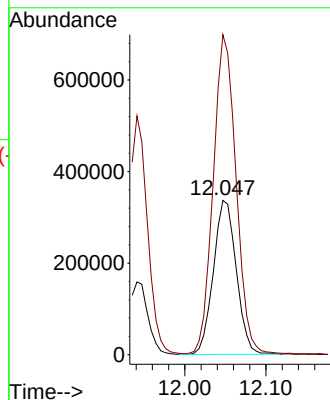
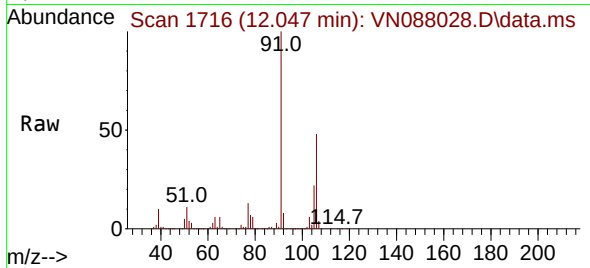




#68
m/p-Xylenes
Concen: 82.475 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

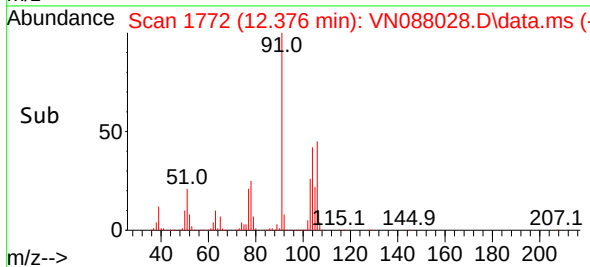
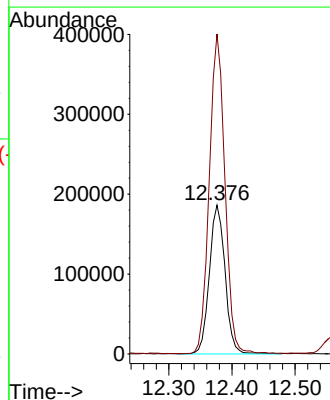
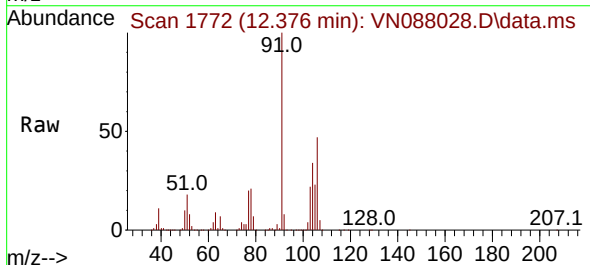
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

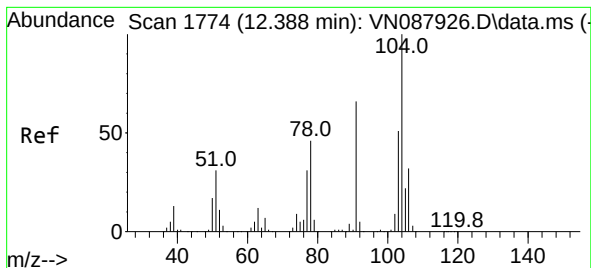
Tgt Ion:106 Resp: 660178
Ion Ratio Lower Upper
106 100
91 206.5 162.9 244.3



#69
o-Xylene
Concen: 41.848 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:106 Resp: 321829
Ion Ratio Lower Upper
106 100
91 212.9 108.2 324.6





#70

Styrene

Concen: 41.435 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

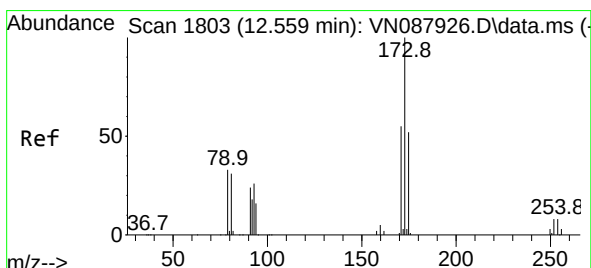
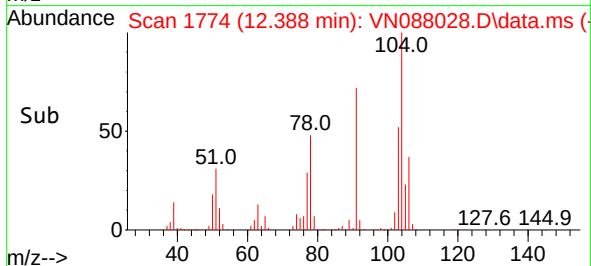
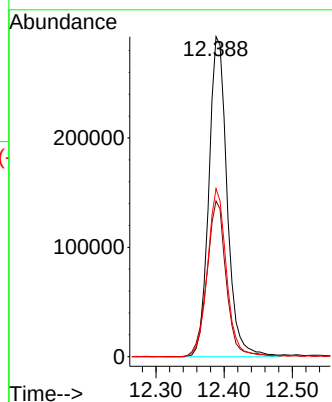
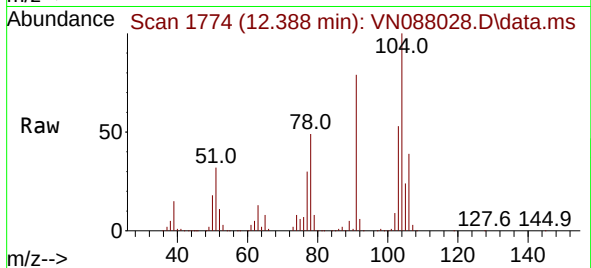
Tgt Ion:104 Resp: 547271

Ion Ratio Lower Upper

104 100

78 51.6 39.7 59.5

103 54.6 44.6 67.0



#71

Bromoform

Concen: 38.797 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

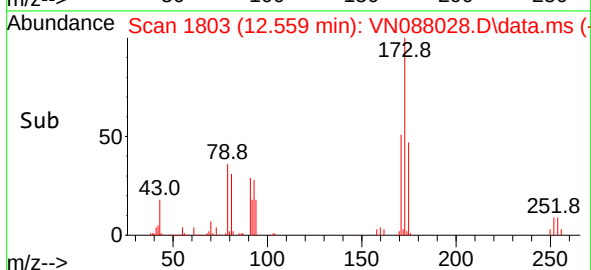
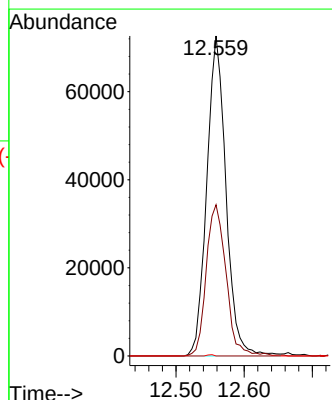
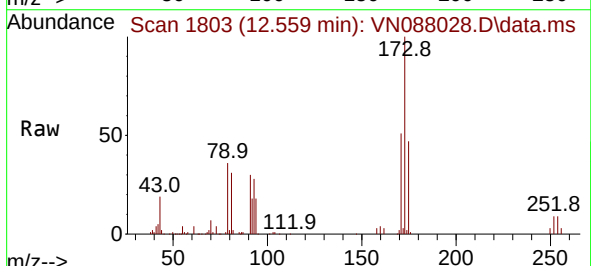
Tgt Ion:173 Resp: 142377

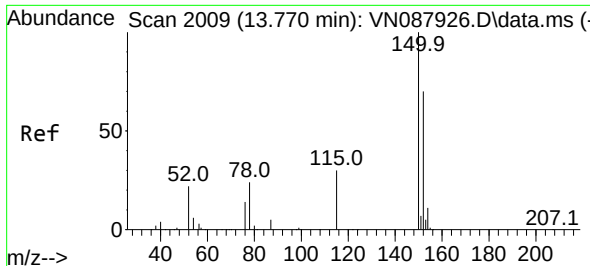
Ion Ratio Lower Upper

173 100

175 48.9 23.7 71.1

254 0.1 0.1 0.1#

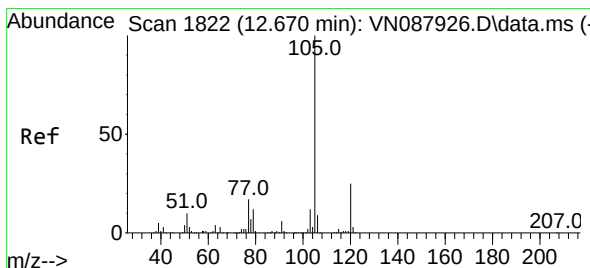
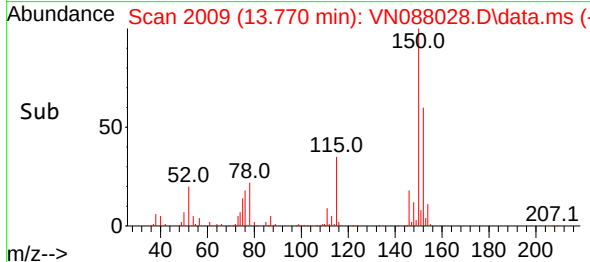
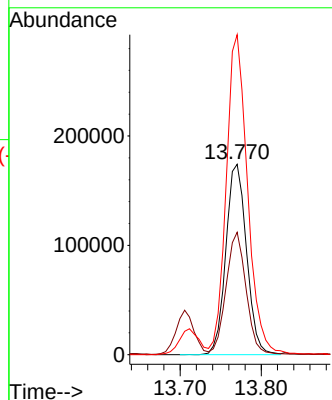
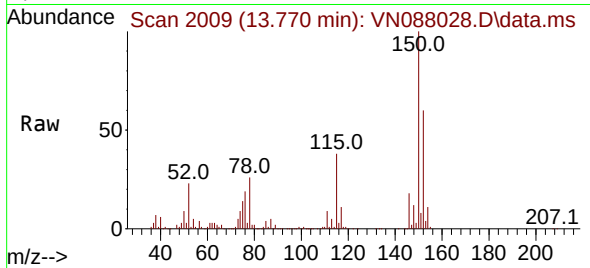




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

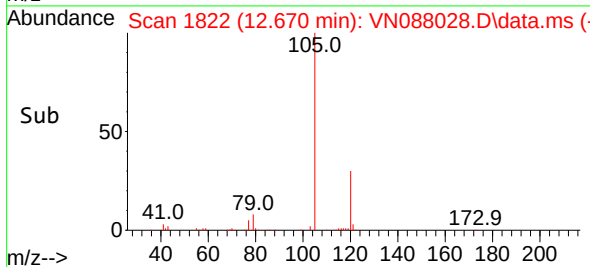
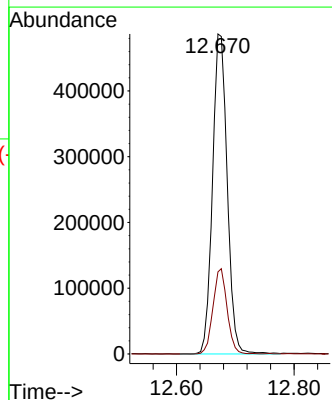
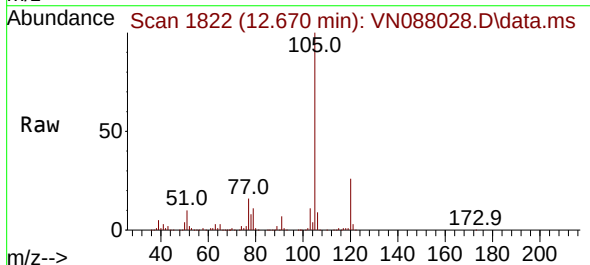
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

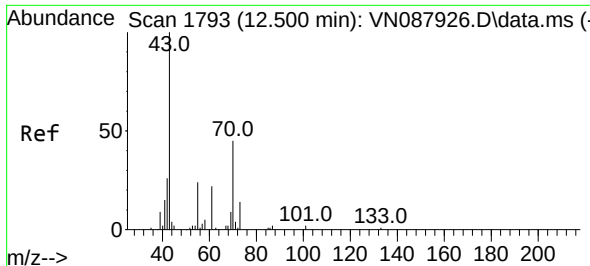
Tgt Ion:152 Resp: 308581
Ion Ratio Lower Upper
152 100
115 62.0 29.9 89.7
150 173.3 0.0 335.0



#73
Isopropylbenzene
Concen: 44.188 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:105 Resp: 845092
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

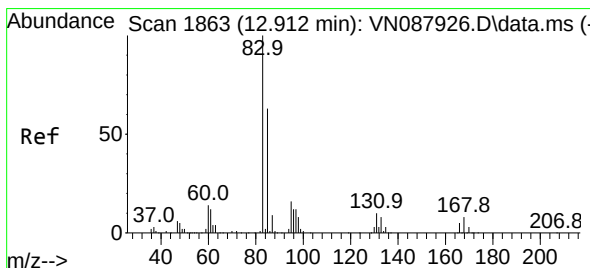
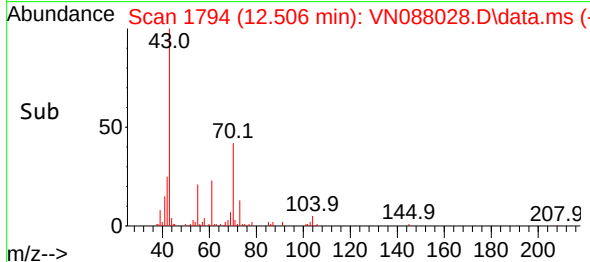
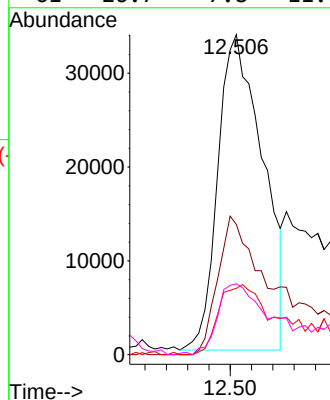
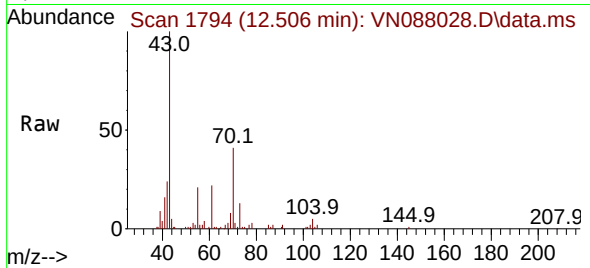




#74
N-amy1 acetate
Concen: 15.632 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

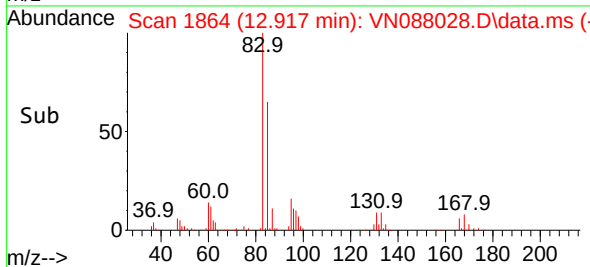
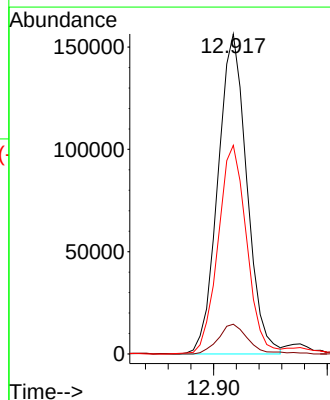
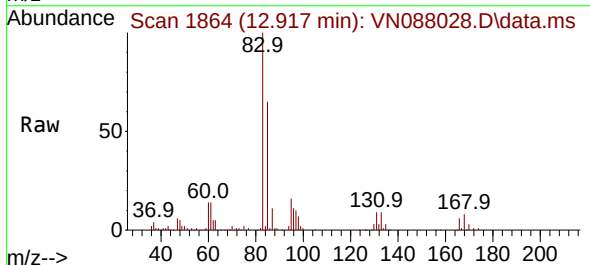
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

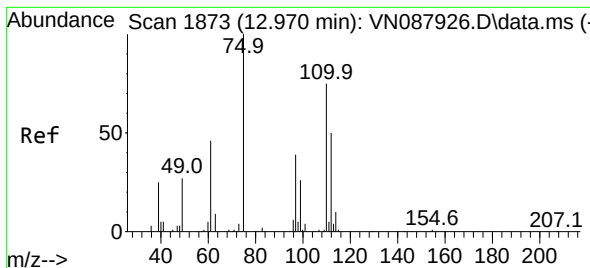
Tgt Ion: 43	Resp: 98506
Ion Ratio	Lower Upper
43 100	
70 57.0	19.8 29.8#
55 28.3	9.6 14.4#
61 26.7	7.8 11.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 40.136 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 83	Resp: 276567
Ion Ratio	Lower Upper
83 100	
131 9.7	5.2 15.6
85 64.3	32.4 97.0

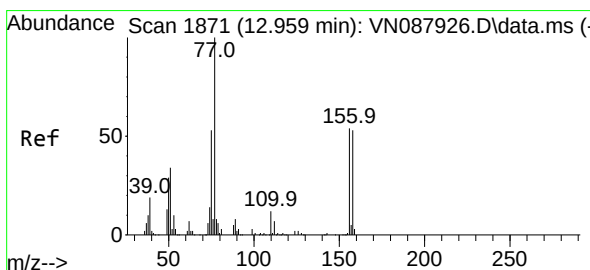
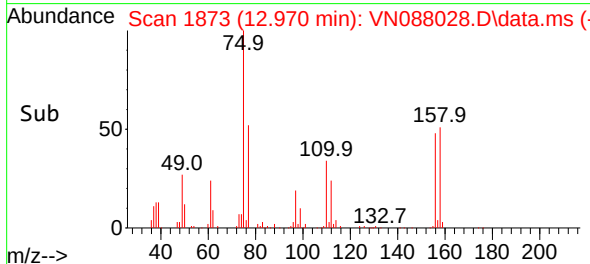
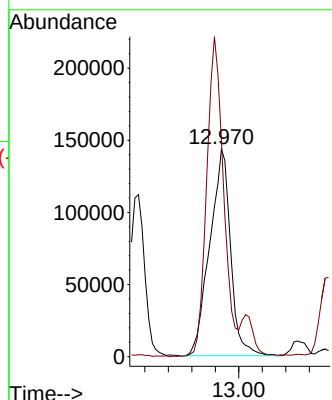
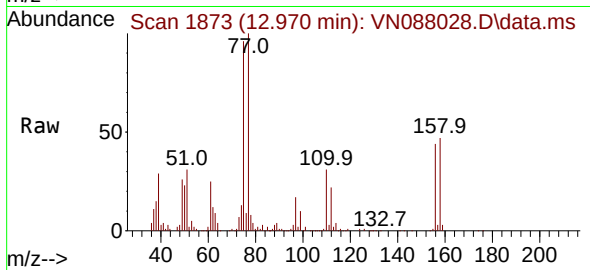




#76
1,2,3-Trichloropropane
Concen: 57.975 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

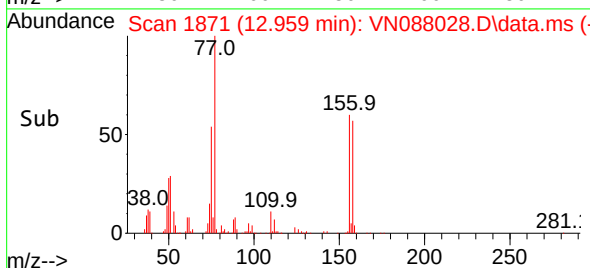
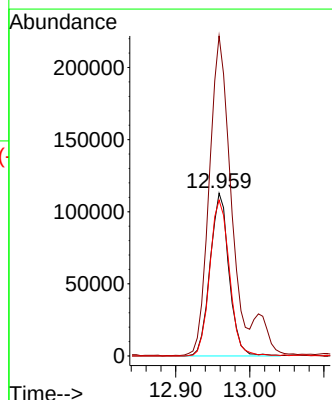
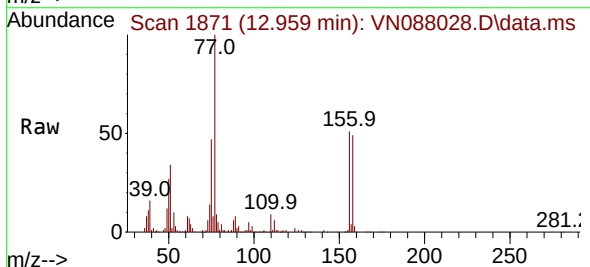
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

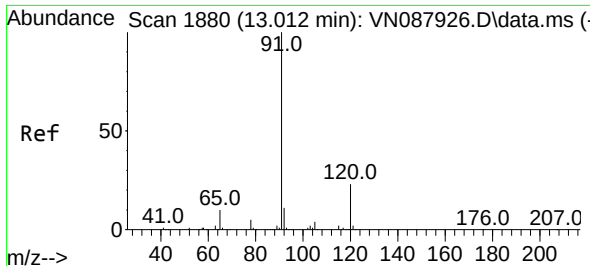
Tgt Ion: 75 Resp: 352649
Ion Ratio Lower Upper
75 100
77 126.1 89.5 268.5



#77
Bromobenzene
Concen: 39.483 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:156 Resp: 200914
Ion Ratio Lower Upper
156 100
77 221.3 108.2 324.6
158 99.3 49.6 149.0

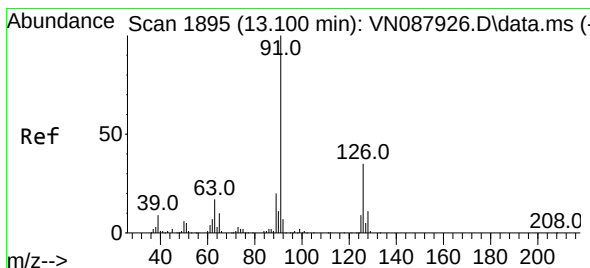
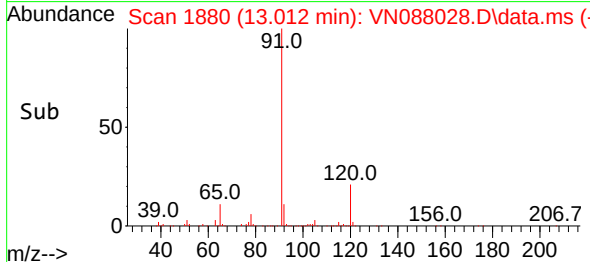
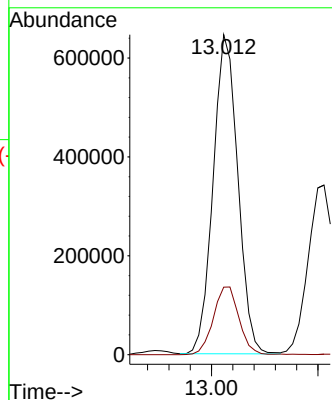
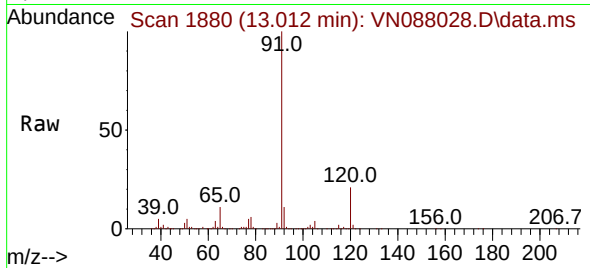




#78
n-propylbenzene
Concen: 43.455 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

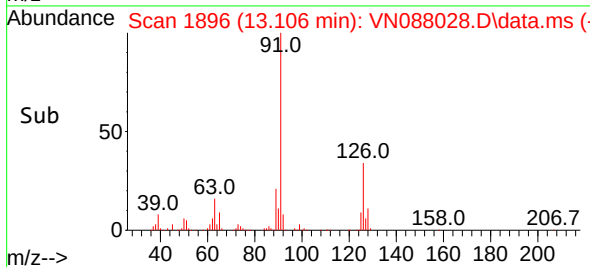
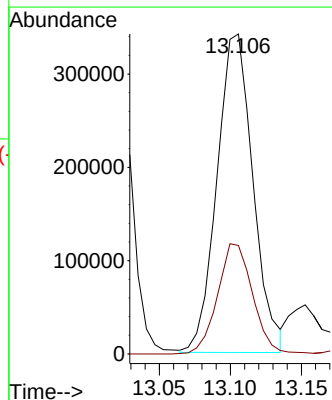
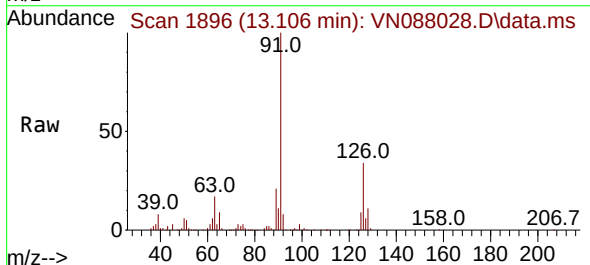
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

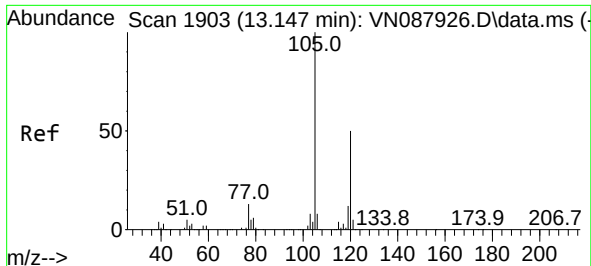
Tgt Ion: 91 Resp: 1039079
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1



#79
2-Chlorotoluene
Concen: 41.371 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 91 Resp: 602332
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8

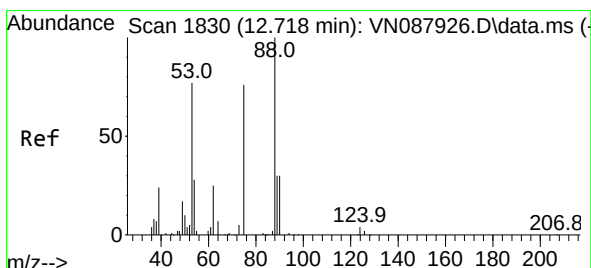
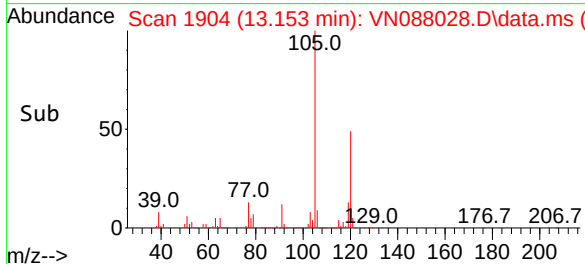
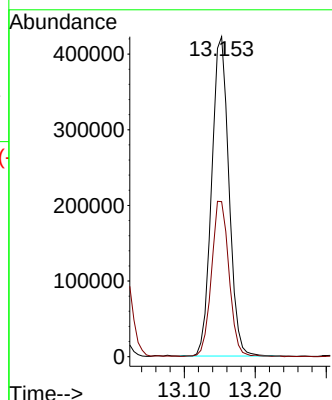
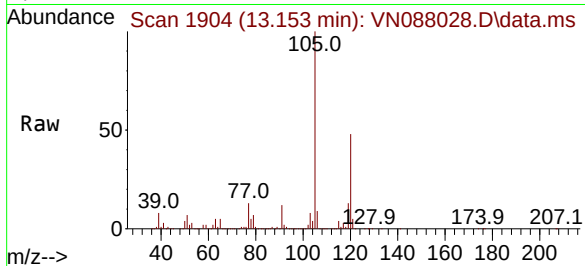




#80
1,3,5-Trimethylbenzene
Concen: 42.953 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

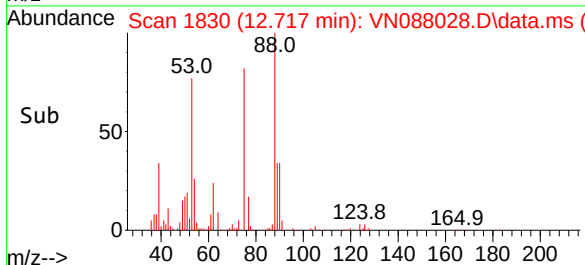
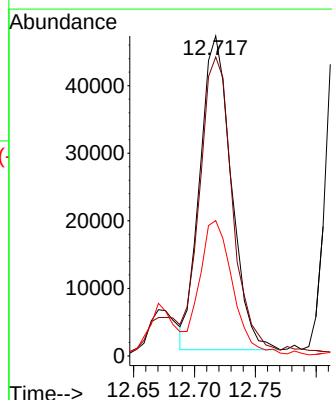
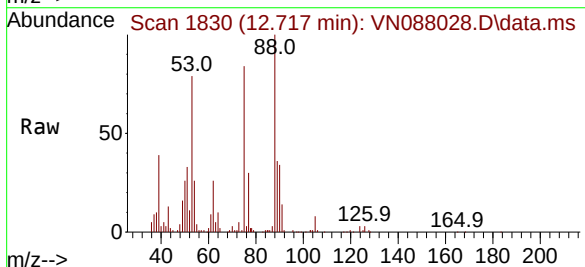
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

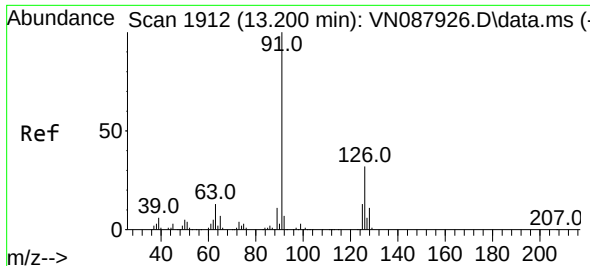
Tgt Ion:105 Resp: 710553
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 37.971 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 75 Resp: 83177
Ion Ratio Lower Upper
75 100
53 97.8 82.0 123.0
89 45.5 36.1 54.1

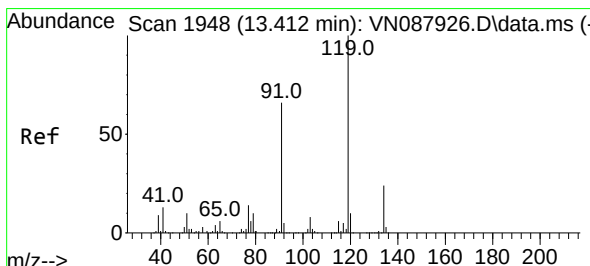
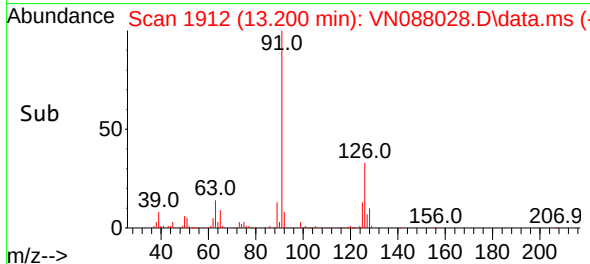
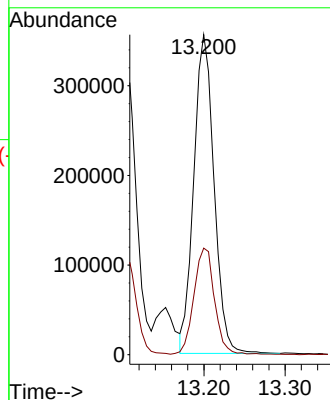
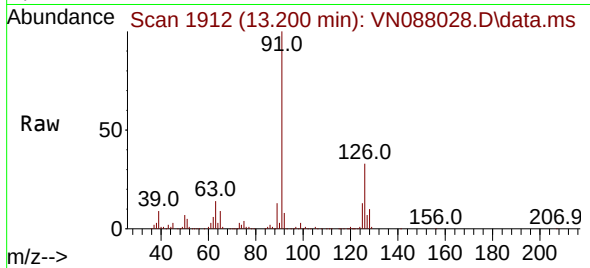




#82
4-Chlorotoluene
Concen: 42.023 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

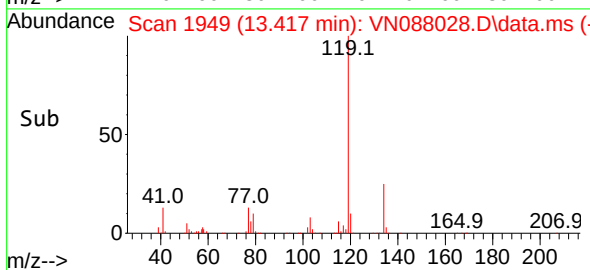
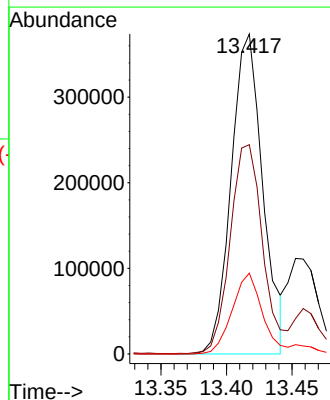
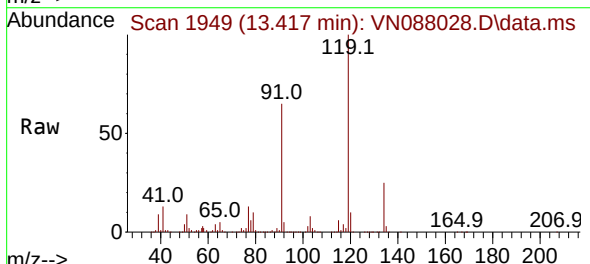
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

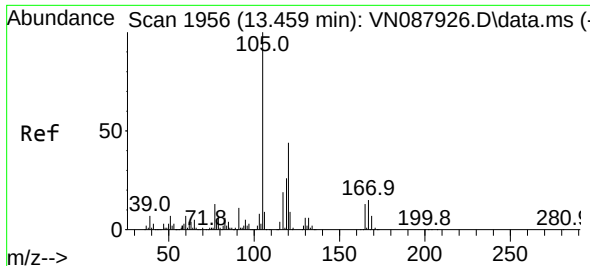
Tgt Ion: 91 Resp: 616498
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6



#83
tert-Butylbenzene
Concen: 44.895 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 119 Resp: 628620
Ion Ratio Lower Upper
119 100
91 67.6 32.1 96.3
134 24.1 12.3 36.8

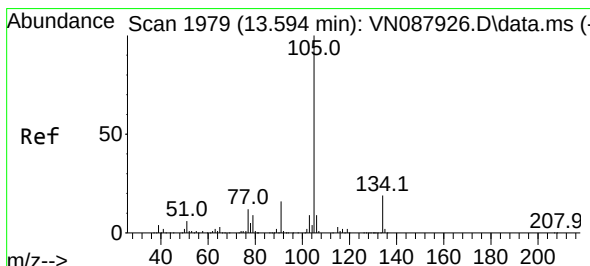
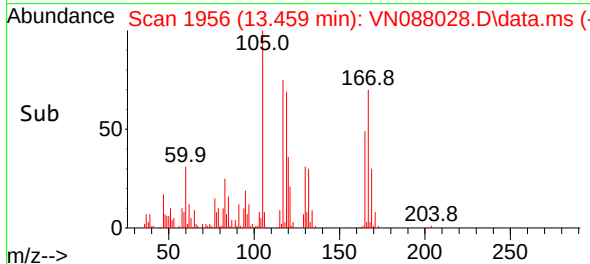
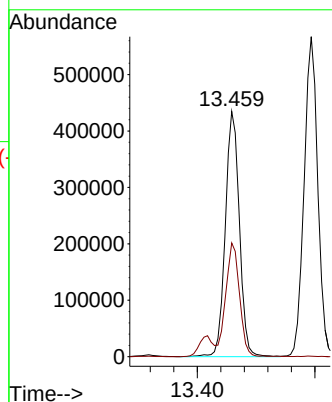
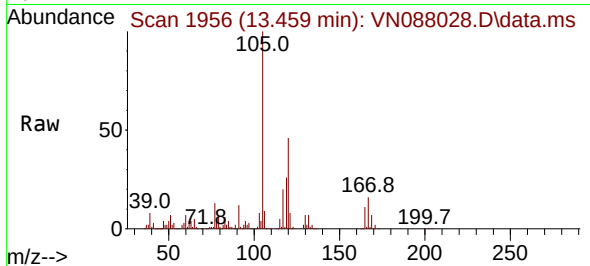




#84
1,2,4-Trimethylbenzene
Concen: 42.544 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

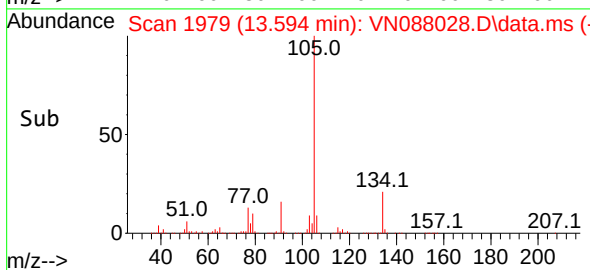
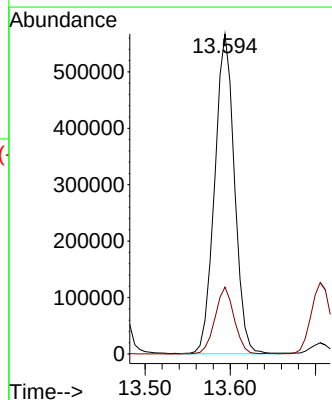
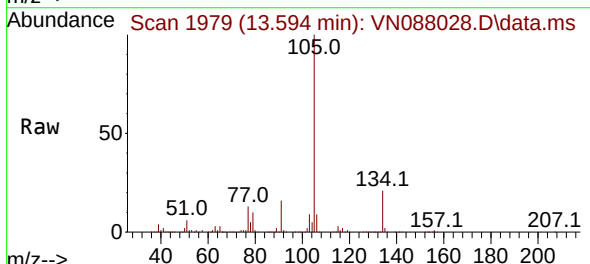
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

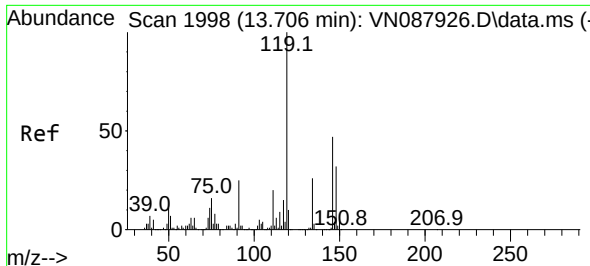
Tgt Ion:105 Resp: 721879
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3



#85
sec-Butylbenzene
Concen: 44.646 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:105 Resp: 916520
Ion Ratio Lower Upper
105 100
134 20.2 9.6 28.8

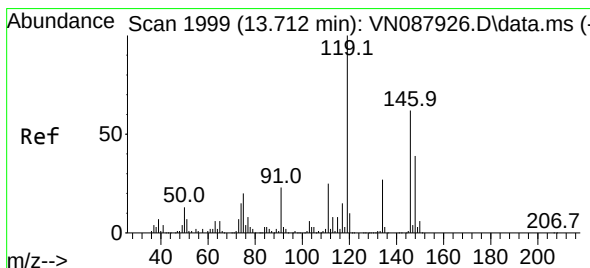
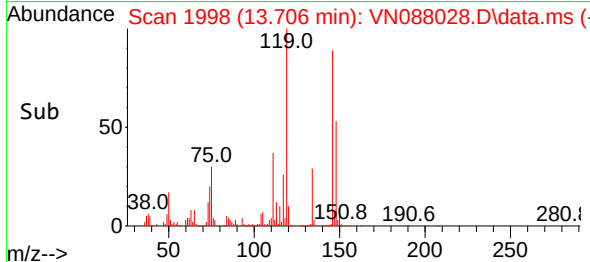
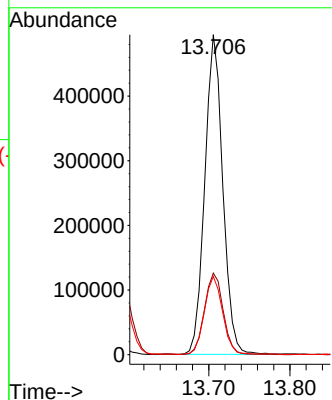
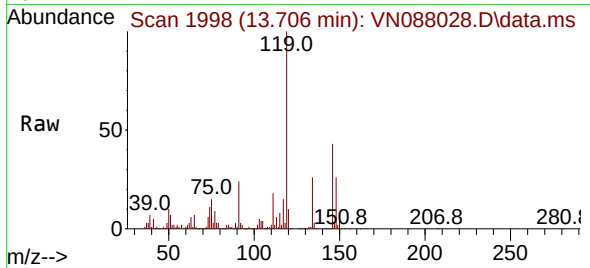




#86
 p-Isopropyltoluene
 Concen: 43.711 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

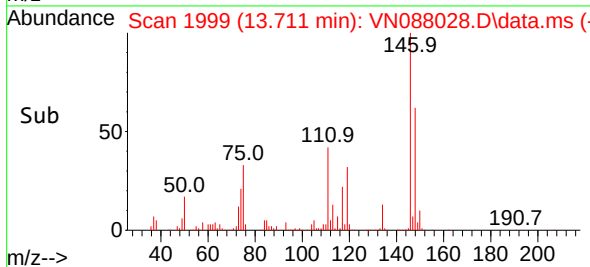
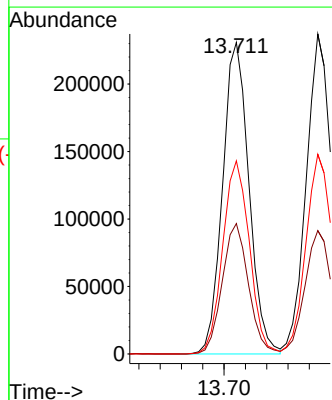
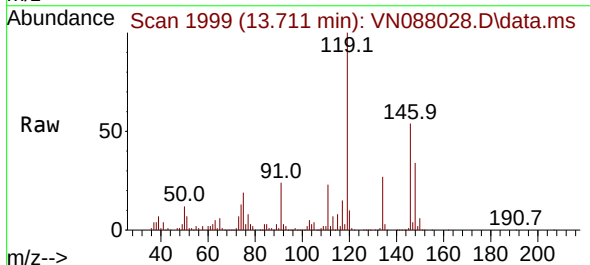
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

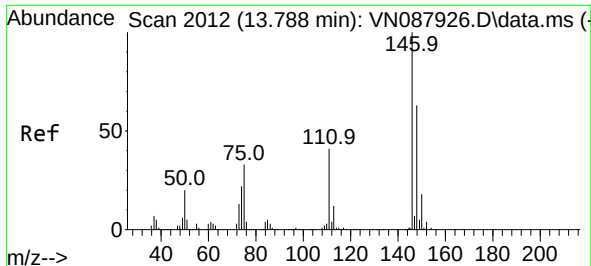
Tgt Ion:119 Resp: 759996
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.7 11.9 35.5



#87
 1,3-Dichlorobenzene
 Concen: 39.972 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

Tgt Ion:146 Resp: 396917
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.8
 148 62.7 32.4 97.2

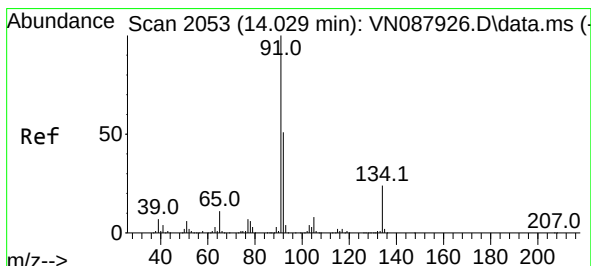
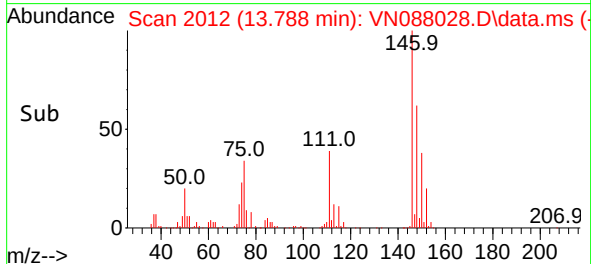
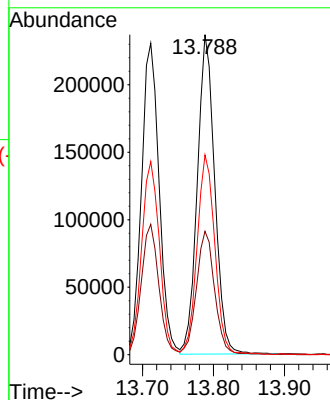
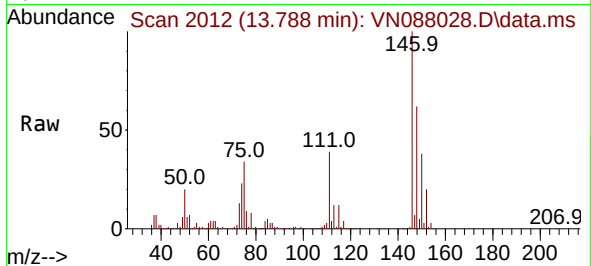




#88
1,4-Dichlorobenzene
Concen: 39.641 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

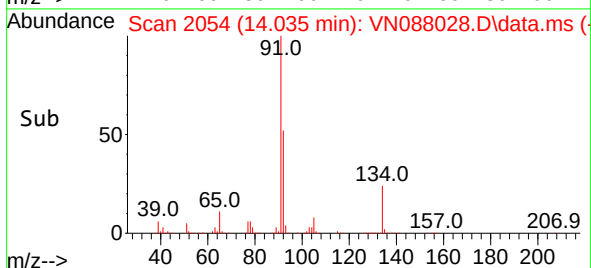
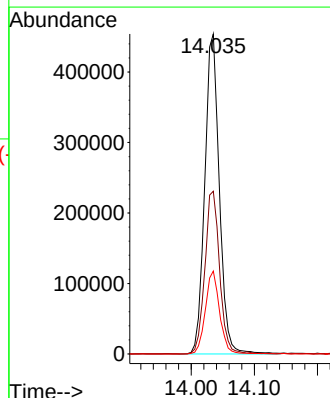
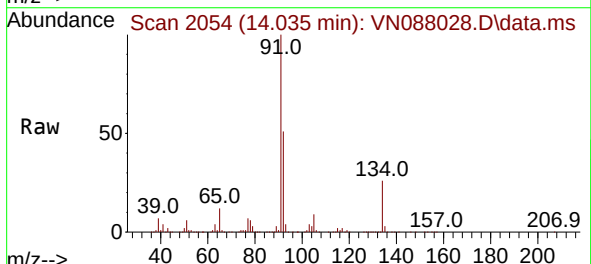
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

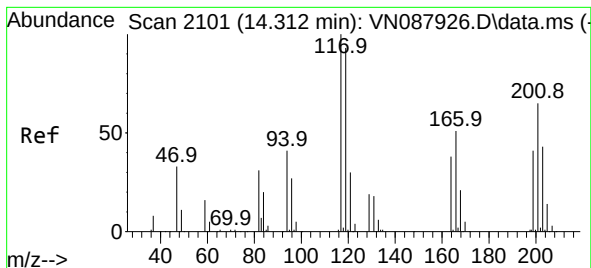
Tgt Ion:146 Resp: 404533
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.5
148 63.7 32.8 98.4



#89
n-Butylbenzene
Concen: 44.408 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion: 91 Resp: 729688
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.8
134 25.3 12.6 37.8





#90

Hexachloroethane

Concen: 40.401 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

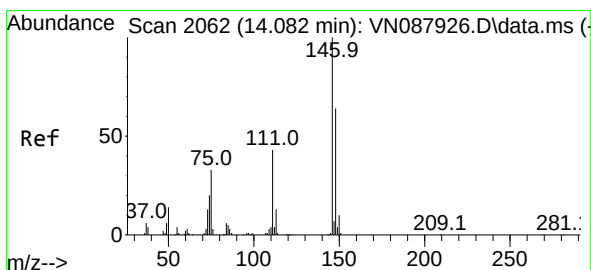
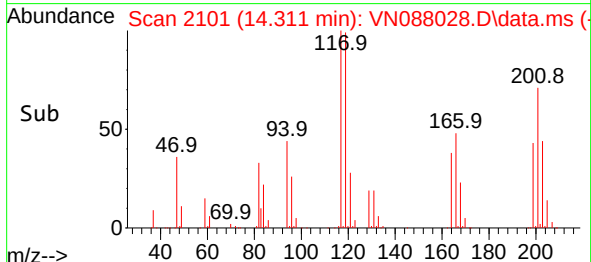
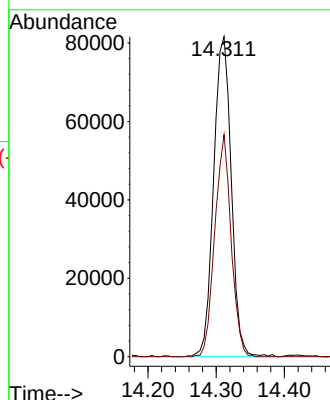
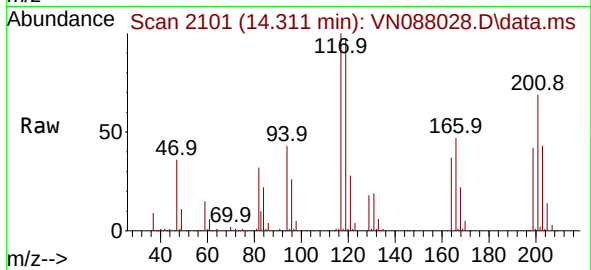
VSTDCCC050EC

Tgt Ion:117 Resp: 146734

Ion Ratio Lower Upper

117 100

201 64.4 33.6 100.6



#91

1,2-Dichlorobenzene

Concen: 40.113 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088028.D

Acq: 03 Oct 2025 16:58

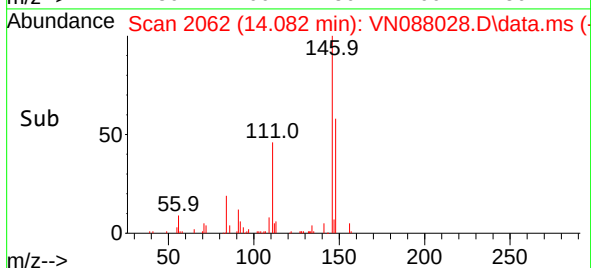
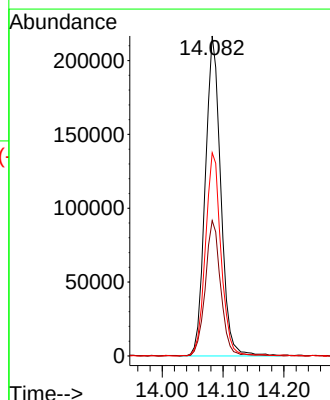
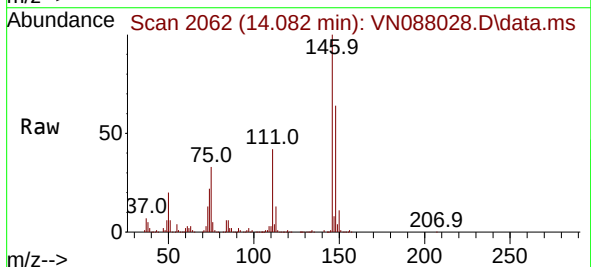
Tgt Ion:146 Resp: 383946

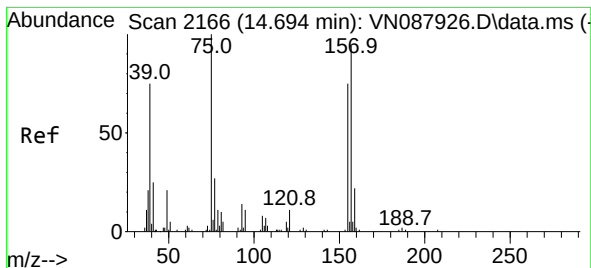
Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.7

148 63.5 31.9 95.9

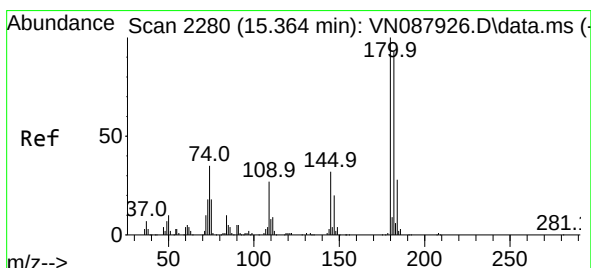
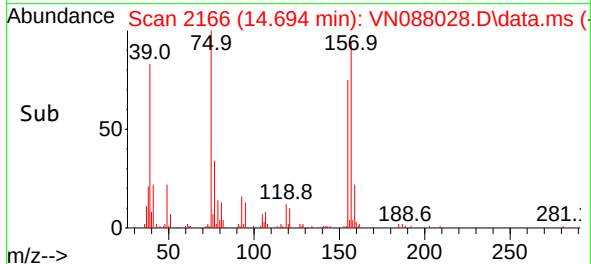
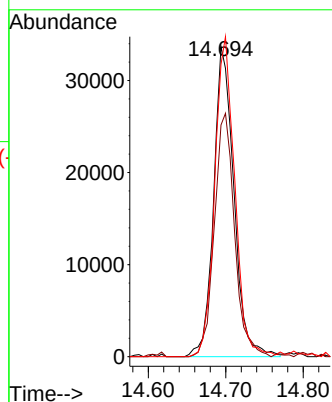
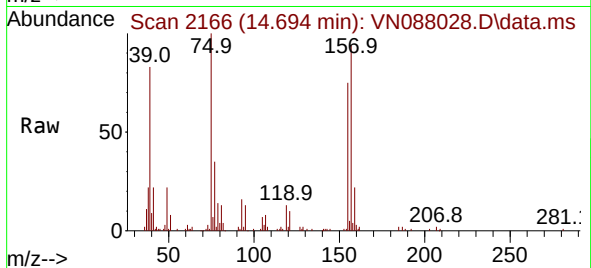




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.230 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

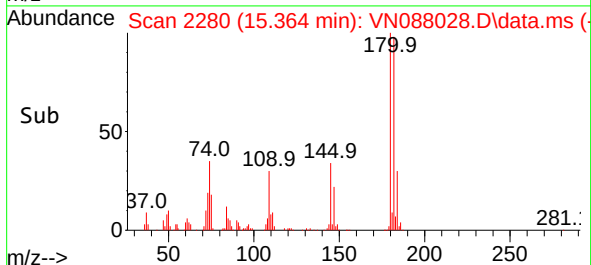
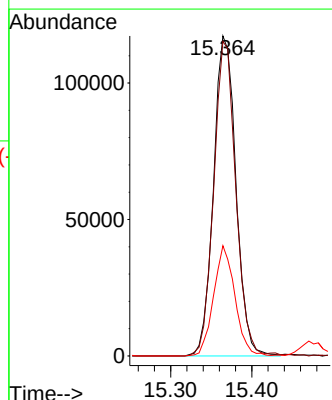
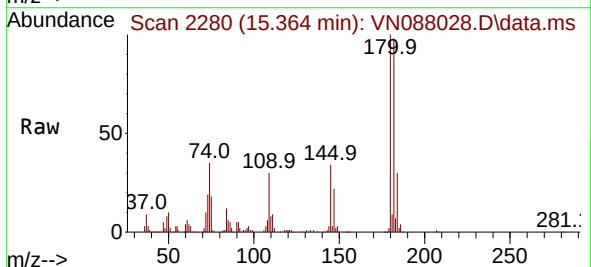
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

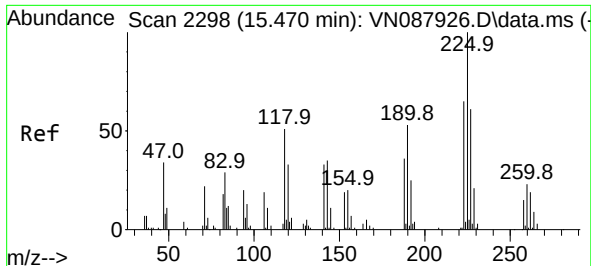
Tgt Ion: 75 Resp: 61211
 Ion Ratio Lower Upper
 75 100
 155 78.4 40.2 120.6
 157 101.3 50.9 152.7



#93
 1,2,4-Trichlorobenzene
 Concen: 39.790 ug/l
 RT: 15.364 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

Tgt Ion: 180 Resp: 224865
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.5 145.5
 145 32.8 15.9 47.6

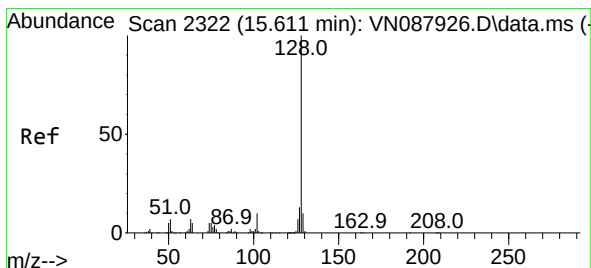
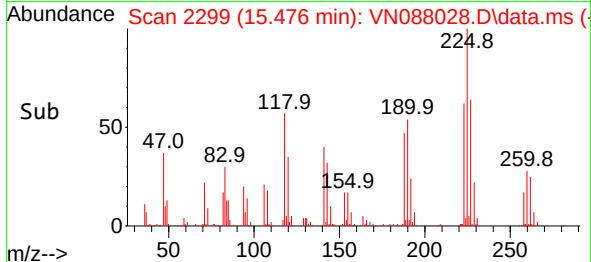
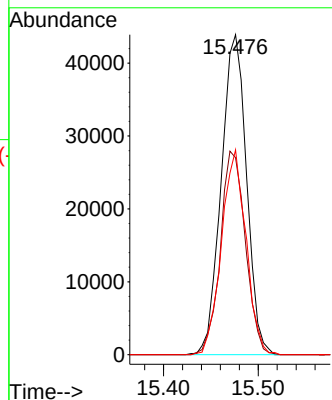
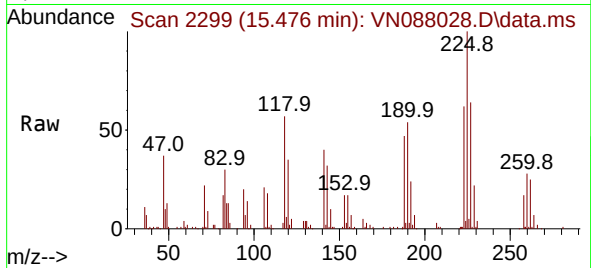




#94
Hexachlorobutadiene
Concen: 39.165 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

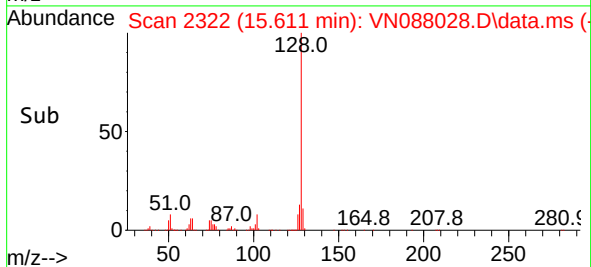
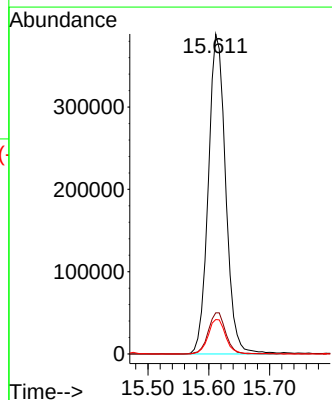
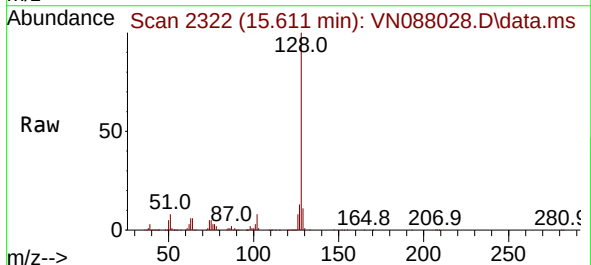
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

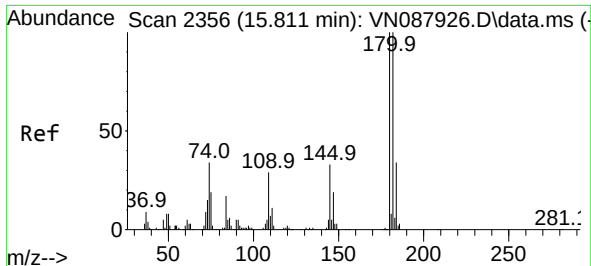
Tgt Ion:225 Resp: 81465
Ion Ratio Lower Upper
225 100
223 63.1 31.8 95.4
227 62.0 31.9 95.9



#95
Naphthalene
Concen: 42.421 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088028.D
Acq: 03 Oct 2025 16:58

Tgt Ion:128 Resp: 769548
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 40.375 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088028.D
 Acq: 03 Oct 2025 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 221826
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 142.0
 145 34.1 16.1 48.3

