

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085617.D
 Acq On : 03 Feb 2025 12:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 04 00:57:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	193909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139495	44.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.140%
35) Dibromofluoromethane	8.159	113	114784	49.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	10.565	98	429609	52.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.847	95	145023	51.906	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	98099	37.364	ug/l	98
3) Chloromethane	2.359	50	97800	34.404	ug/l	99
4) Vinyl Chloride	2.512	62	123341	43.167	ug/l	98
5) Bromomethane	2.948	94	80016	46.361	ug/l	98
6) Chloroethane	3.118	64	89522	49.419	ug/l	97
7) Trichlorofluoromethane	3.495	101	198260	47.821	ug/l	98
8) Diethyl Ether	3.959	74	62830	43.869	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	108838	46.609	ug/l	97
10) Methyl Iodide	4.583	142	124678	46.624	ug/l	94
11) Tert butyl alcohol	5.518	59	95405	266.185	ug/l	99
12) 1,1-Dichloroethene	4.342	96	94603	45.458	ug/l	89
13) Acrolein	4.177	56	82470	168.557	ug/l	99
14) Allyl chloride	5.024	41	123509	36.574	ug/l #	94
15) Acrylonitrile	5.712	53	263353	231.327	ug/l	98
16) Acetone	4.418	43	204618	202.320	ug/l	93
17) Carbon Disulfide	4.712	76	223300	34.849	ug/l	100
18) Methyl Acetate	5.018	43	139501	45.361	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	335538	49.654	ug/l	97
20) Methylene Chloride	5.271	84	116799	46.650	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	102531	46.100	ug/l	91
22) Diisopropyl ether	6.671	45	334765	44.663	ug/l	96
23) Vinyl Acetate	6.594	43	1130671	215.551	ug/l	96
24) 1,1-Dichloroethane	6.565	63	212538	46.504	ug/l	99
25) 2-Butanone	7.477	43	325763	218.881	ug/l	91
26) 2,2-Dichloropropane	7.488	77	174244	47.156	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	132413	50.547	ug/l	91
28) Bromochloromethane	7.806	49	91622	43.090	ug/l	88
29) Tetrahydrofuran	7.835	42	210490	223.073	ug/l	88
30) Chloroform	7.965	83	228697	48.416	ug/l	99
31) Cyclohexane	8.253	56	152259	38.329	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	193335	46.661	ug/l	96
36) 1,1-Dichloropropene	8.365	75	146021	45.259	ug/l	98
37) Ethyl Acetate	7.559	43	132656	40.735	ug/l	95
38) Carbon Tetrachloride	8.359	117	169547	45.902	ug/l	99
39) Methylcyclohexane	9.600	83	141262	46.593	ug/l	95
40) Benzene	8.600	78	471269	48.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72917	43.037	ug/l	92
42) 1,2-Dichloroethane	8.665	62	165668	45.375	ug/l	98
43) Isopropyl Acetate	8.682	43	233249	44.700	ug/l	97
44) Trichloroethene	9.347	130	108885	48.252	ug/l	96
45) 1,2-Dichloropropane	9.618	63	119741	48.357	ug/l	100
46) Dibromomethane	9.706	93	84871	47.501	ug/l	96
47) Bromodichloromethane	9.882	83	183920	50.527	ug/l	99
48) Methyl methacrylate	9.677	41	106379	45.301	ug/l	91
49) 1,4-Dioxane	9.688	88	40950	1035.537	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	708536	233.994	ug/l	94
52) Toluene	10.629	92	300704	53.534	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	174396	50.697	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	187791	51.107	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	119203	53.625	ug/l	97
56) Ethyl methacrylate	10.871	69	170732	45.764	ug/l	91
57) 1,3-Dichloropropane	11.159	76	201421	52.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	340114	241.104	ug/l	97
59) 2-Hexanone	11.194	43	508614	238.718	ug/l	91
60) Dibromochloromethane	11.353	129	141685	52.795	ug/l	100
61) 1,2-Dibromoethane	11.465	107	112834	50.994	ug/l	100
64) Tetrachloroethene	11.100	164	99530	48.451	ug/l	97
65) Chlorobenzene	11.888	112	331849	50.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	119985	49.526	ug/l	99
67) Ethyl Benzene	11.959	91	567591	52.793	ug/l	99
68) m/p-Xylenes	12.071	106	446120	112.274	ug/l	94
69) o-Xylene	12.394	106	213152	56.132	ug/l	93
70) Styrene	12.406	104	372069	59.204	ug/l	96
71) Bromoform	12.576	173	89849	51.832	ug/l #	99
73) Isopropylbenzene	12.694	105	533437	51.773	ug/l	98
74) N-amyl acetate	12.488	43	196603	42.452	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	173703	47.726	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	150787m	48.596	ug/l	
77) Bromobenzene	12.976	156	131464	48.837	ug/l	95
78) n-propylbenzene	13.035	91	646489	53.002	ug/l	99
79) 2-Chlorotoluene	13.123	91	385400	48.821	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	452745	53.197	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	64630	56.354	ug/l #	73
82) 4-Chlorotoluene	13.217	91	391197	49.770	ug/l	97
83) tert-Butylbenzene	13.435	119	377386	52.803	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	457878	53.980	ug/l	98
85) sec-Butylbenzene	13.612	105	540740	54.590	ug/l	99
86) p-Isopropyltoluene	13.723	119	448653	50.266	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	248411	50.109	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	247225	48.112	ug/l	97
89) n-Butylbenzene	14.053	91	375157	52.792	ug/l	99
90) Hexachloroethane	14.329	117	91155	48.339	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	240267	48.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29819	44.867	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	112114	48.782	ug/l	98
94) Hexachlorobutadiene	15.500	225	54586	44.736	ug/l	99
95) Naphthalene	15.641	128	343491	50.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	112671	48.450	ug/l	99

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Response via : Initial Calibration

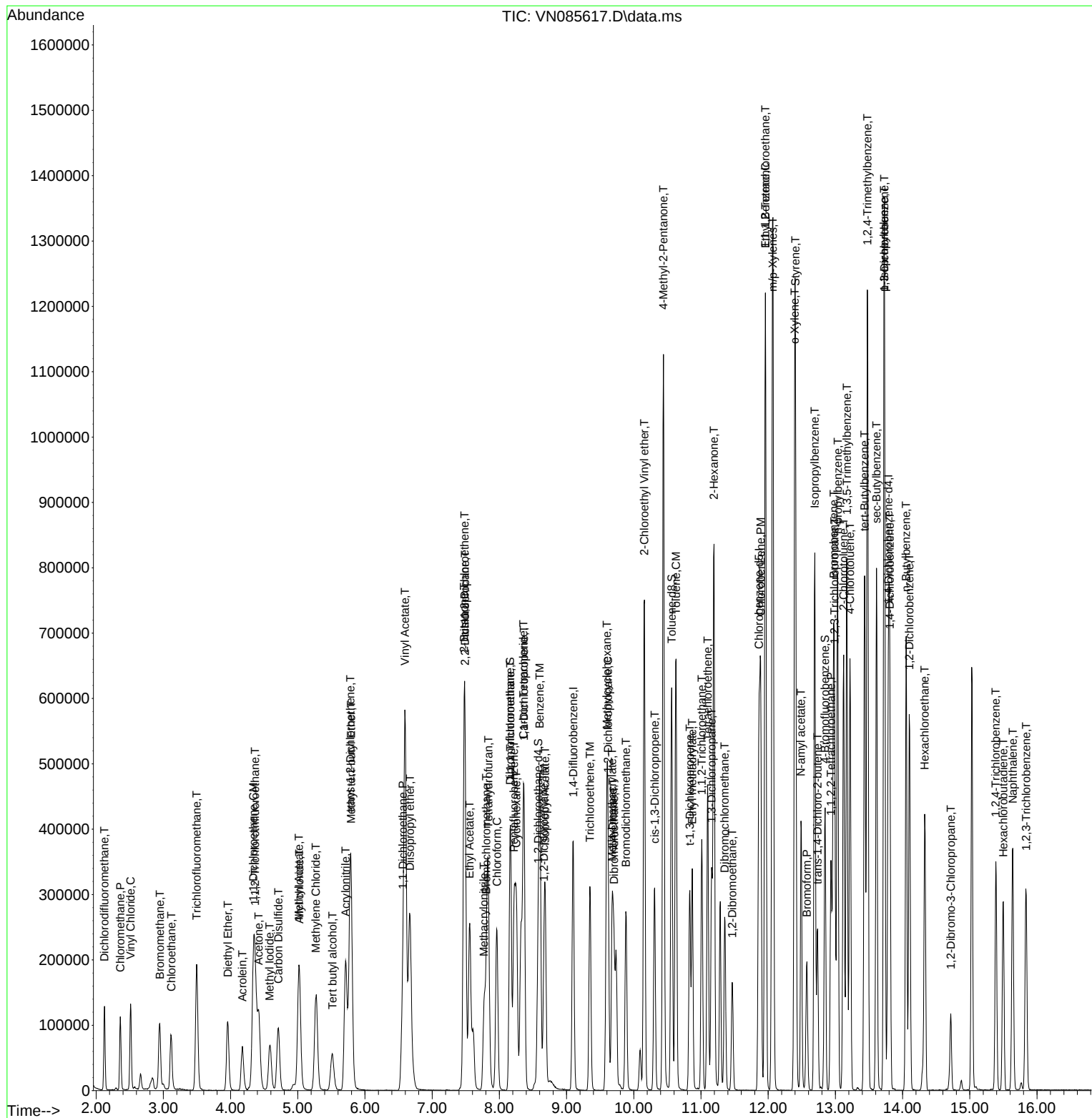
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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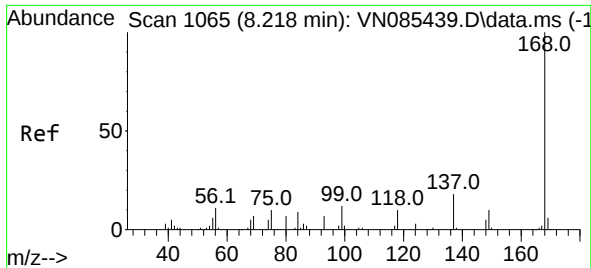
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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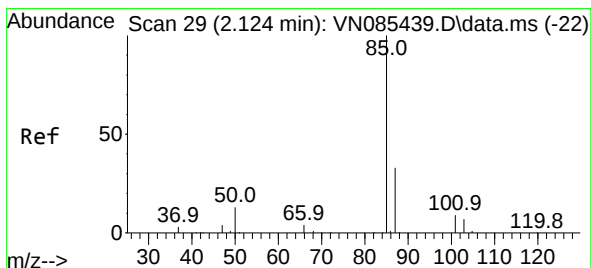
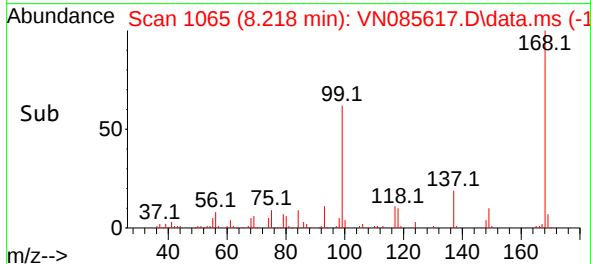
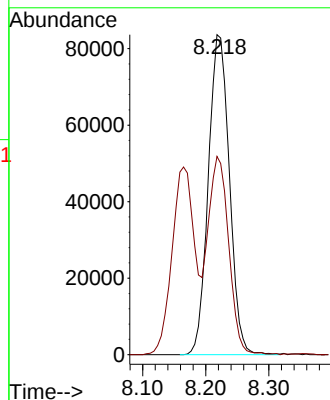
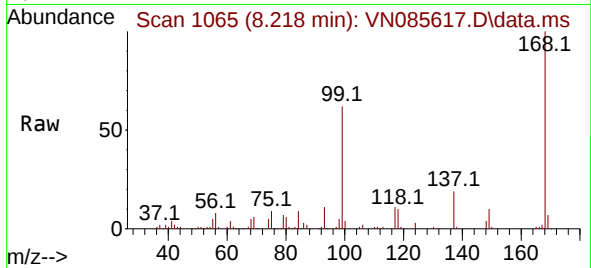




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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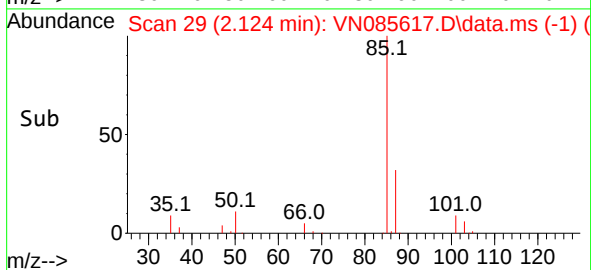
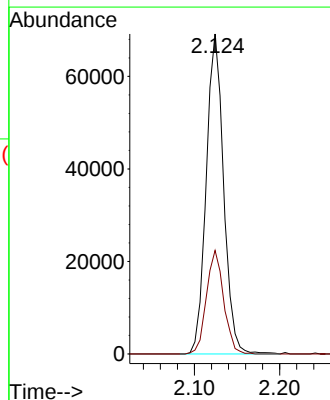
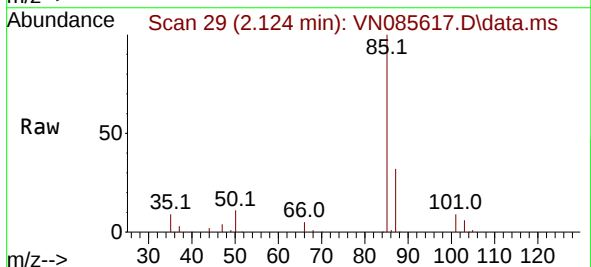
Instrument :
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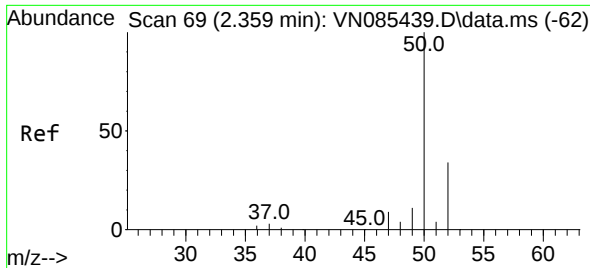
Tgt Ion:168 Resp: 193909
Ion Ratio Lower Upper
168 100
99 62.0 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 37.364 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 85 Resp: 98099
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1

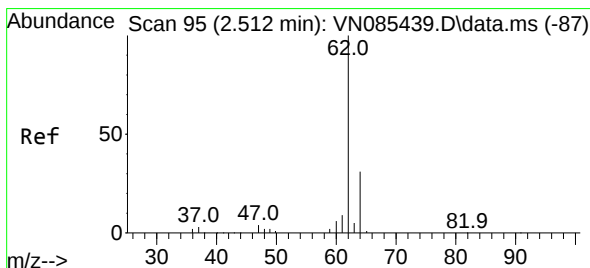
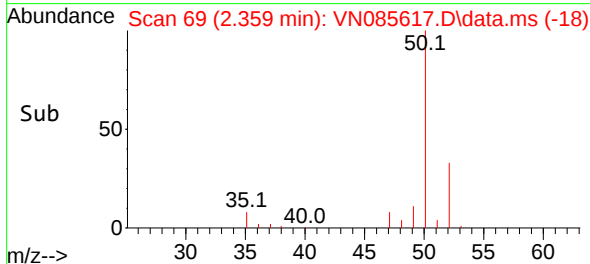
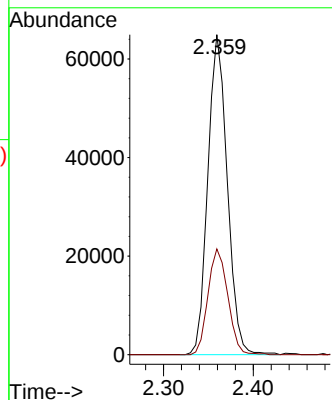
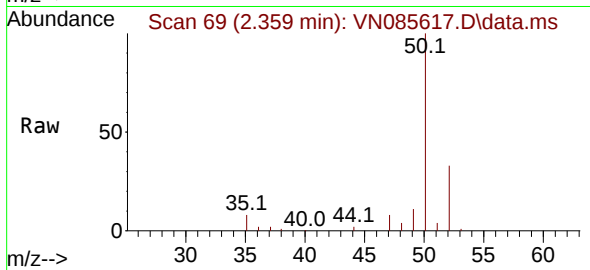




#3
 Chloromethane
 Concen: 34.404 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

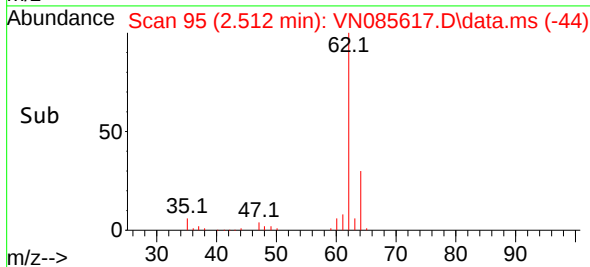
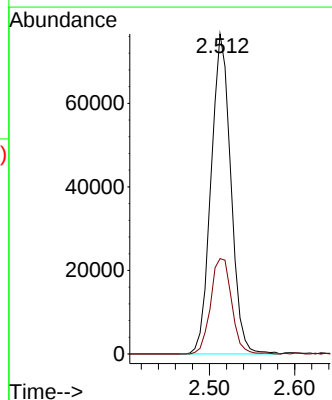
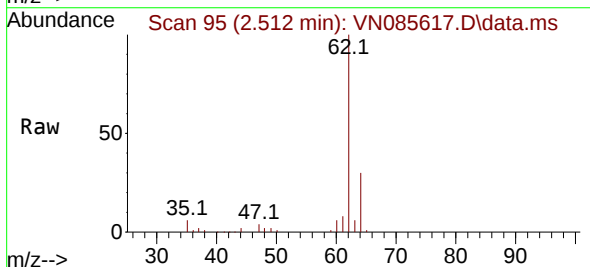
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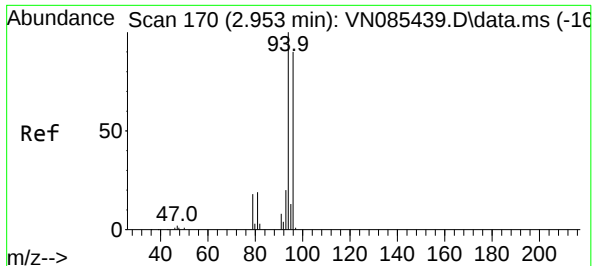
Tgt Ion: 50 Resp: 97800
 Ion Ratio Lower Upper
 50 100
 52 33.0 27.0 40.6



#4
 Vinyl Chloride
 Concen: 43.167 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 123341
 Ion Ratio Lower Upper
 62 100
 64 29.8 24.8 37.2

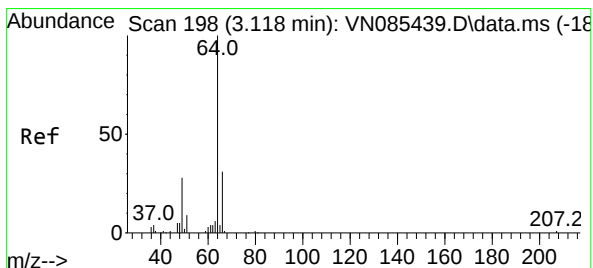
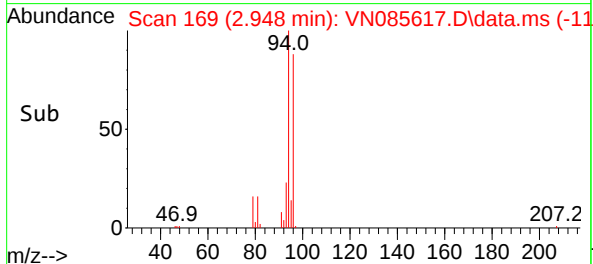
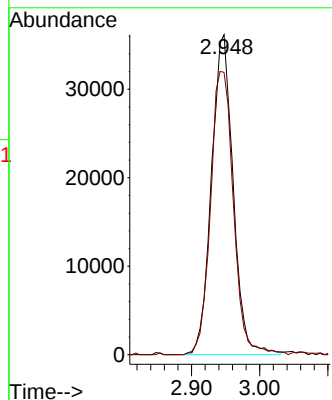
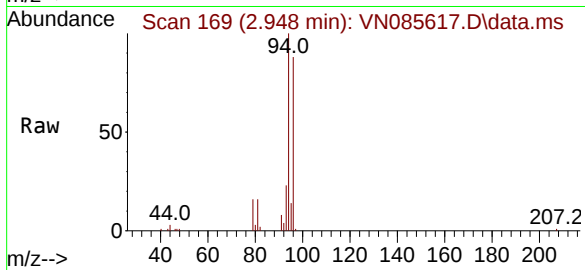




#5
Bromomethane
Concen: 46.361 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
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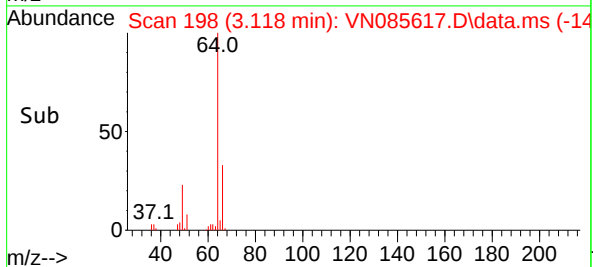
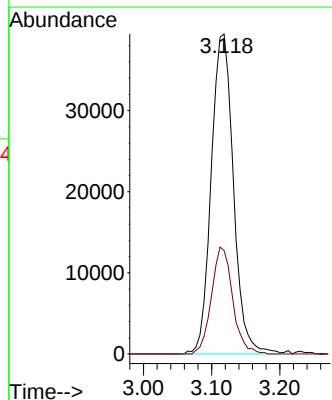
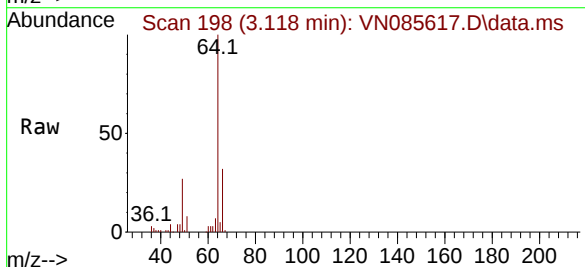
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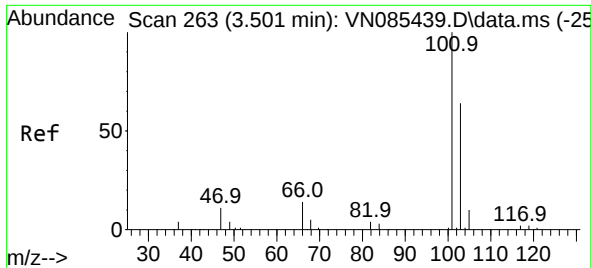
Tgt Ion: 94 Resp: 80016
Ion Ratio Lower Upper
94 100
96 88.3 71.8 107.6



#6
Chloroethane
Concen: 49.419 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 89522
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8

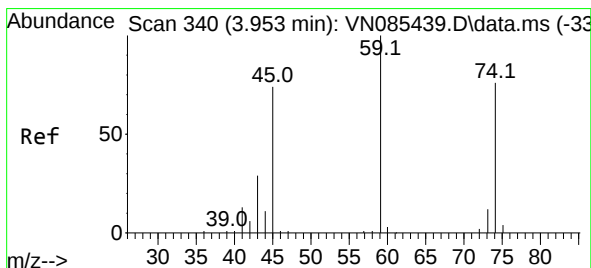
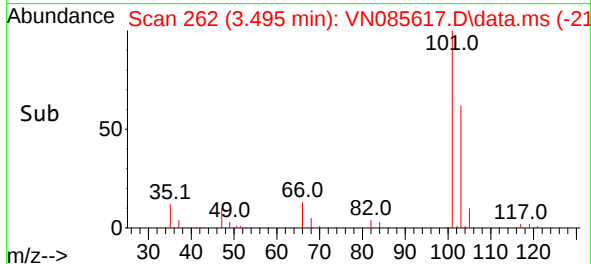
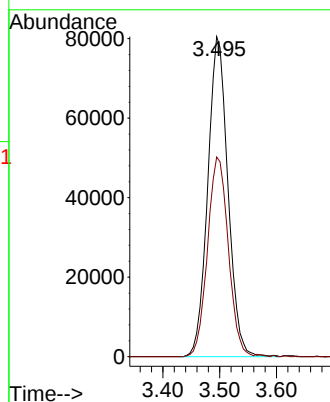
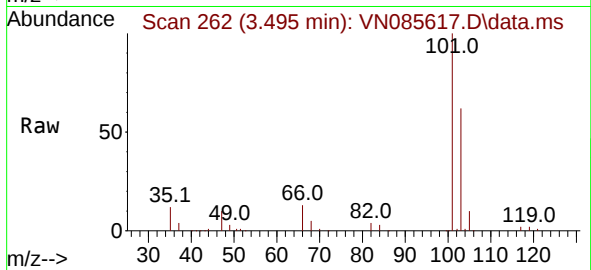




#7
Trichlorofluoromethane
Concen: 47.821 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN085617.D
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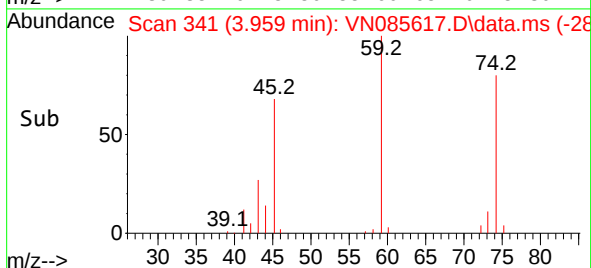
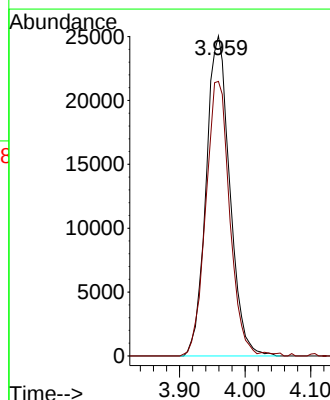
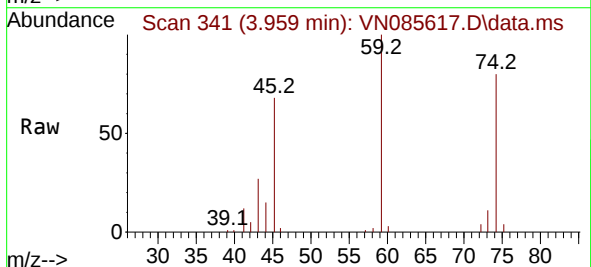
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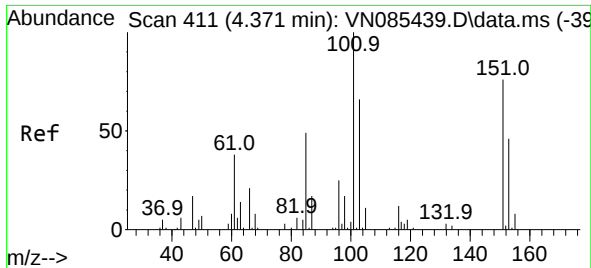
Tgt Ion:101 Resp: 198260
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2



#8
Diethyl Ether
Concen: 43.869 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 74 Resp: 62830
Ion Ratio Lower Upper
74 100
45 86.5 49.7 149.1

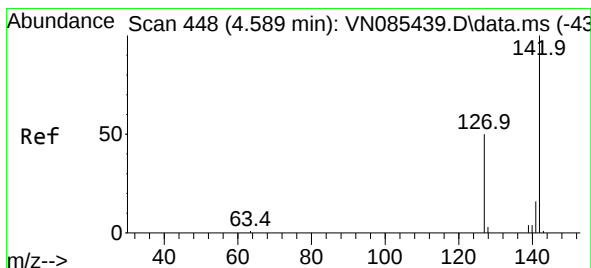
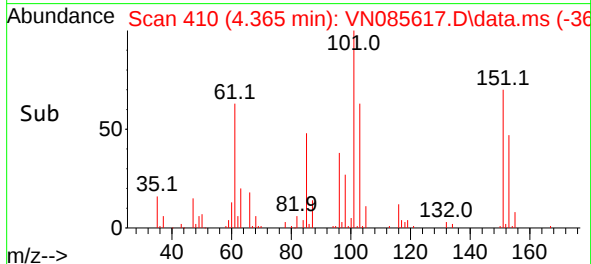
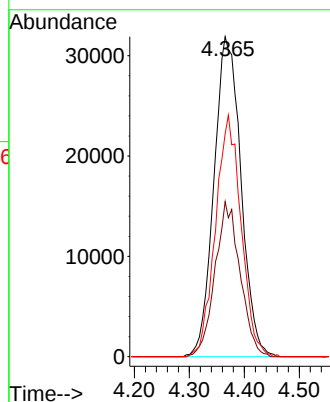
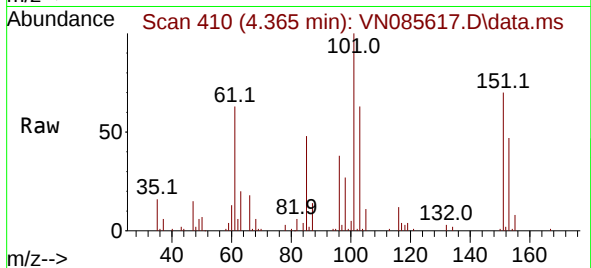




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.609 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

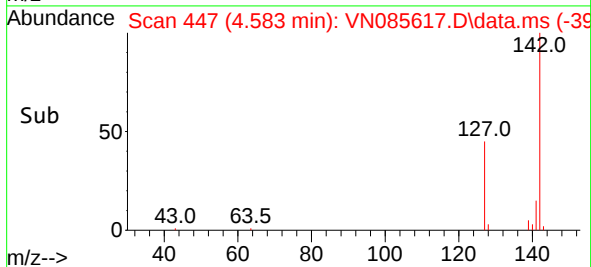
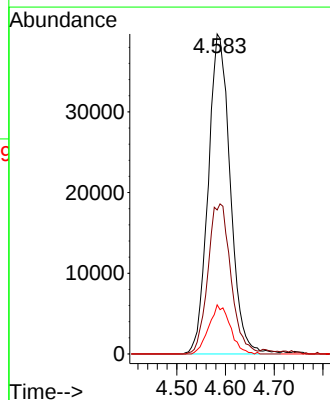
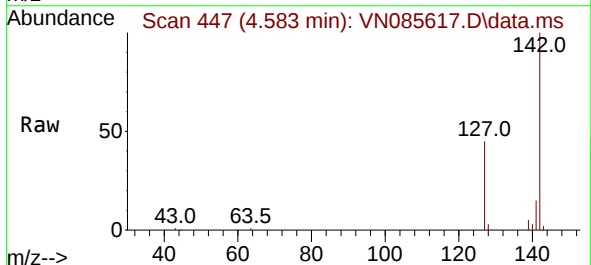
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

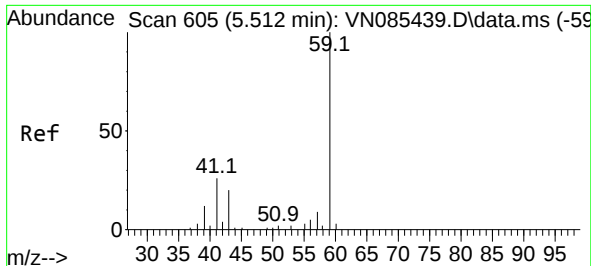
Tgt Ion:101 Resp: 108838
Ion Ratio Lower Upper
101 100
85 45.0 37.8 56.8
151 71.5 58.8 88.2



#10
Methyl Iodide
Concen: 46.624 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion:142 Resp: 124678
Ion Ratio Lower Upper
142 100
127 45.0 40.3 60.5
141 15.4 12.8 19.2

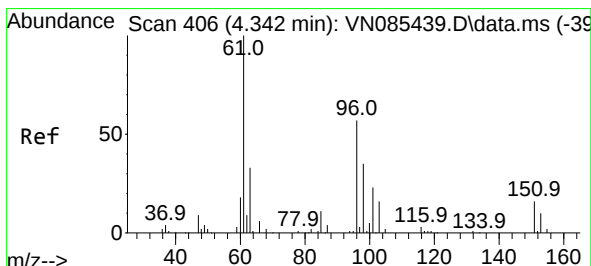
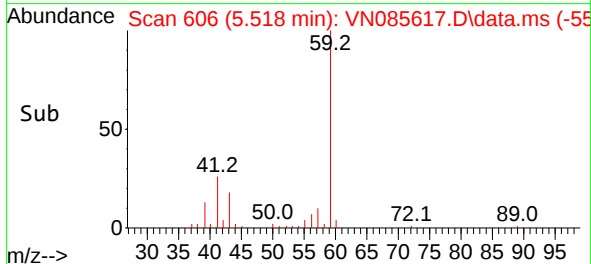
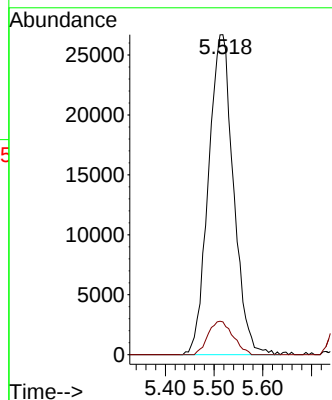
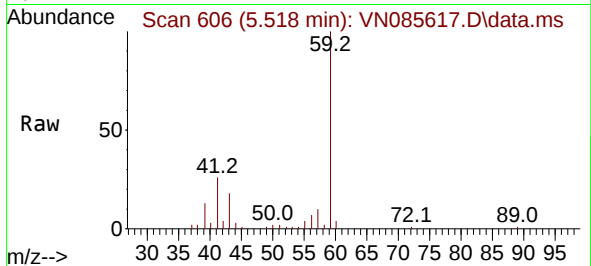




#11
Tert butyl alcohol
Concen: 266.185 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

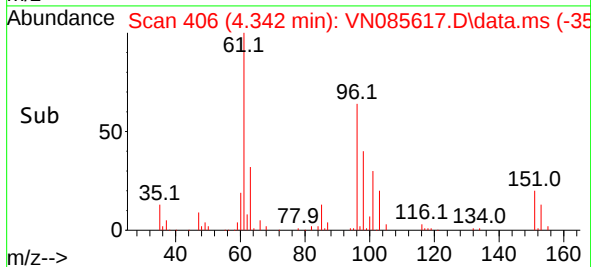
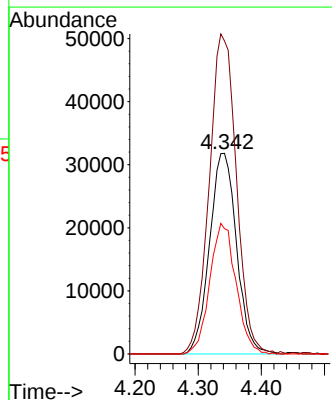
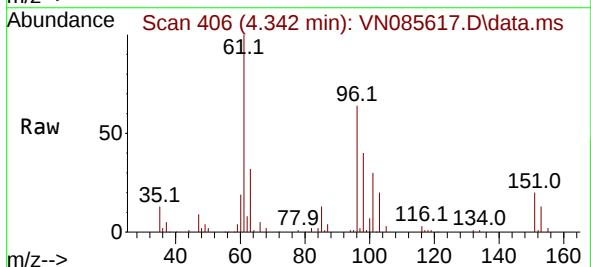
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 95405
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.458 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 96 Resp: 94603
Ion Ratio Lower Upper
96 100
61 156.0 141.0 211.4
98 62.5 49.0 73.6

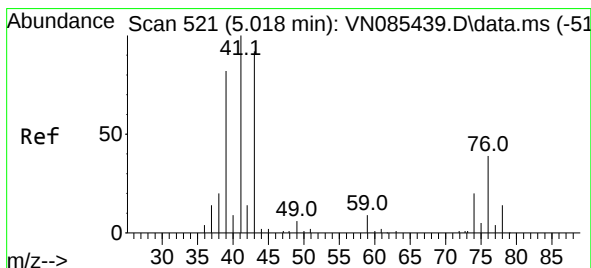
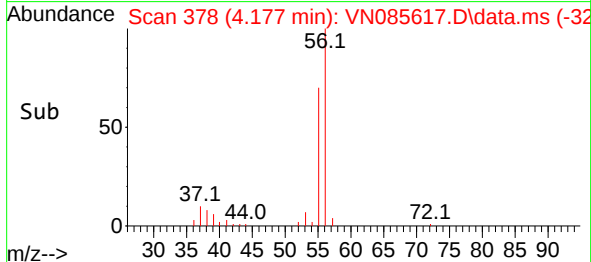
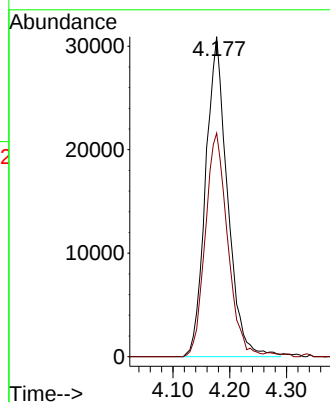
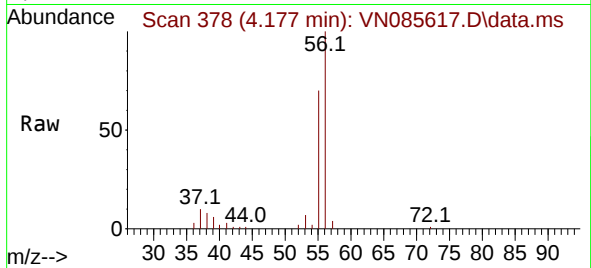




#13
Acrolein
Concen: 168.557 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

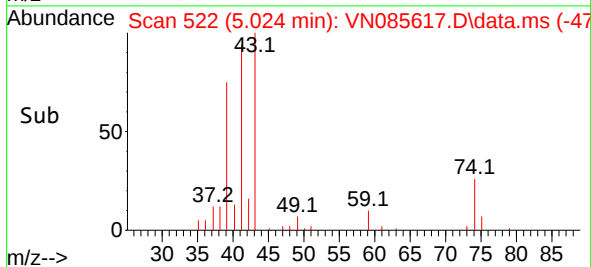
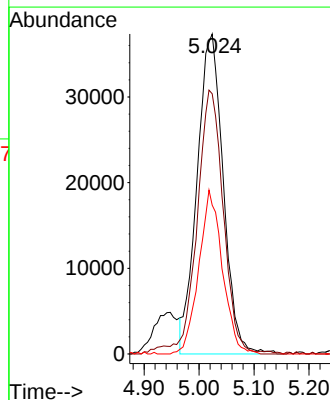
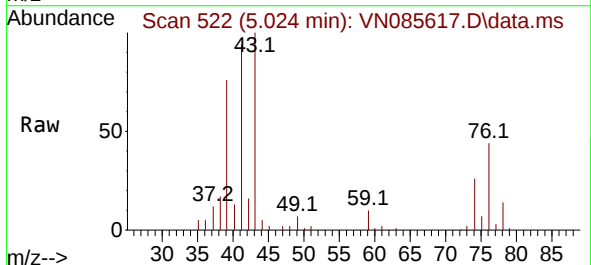
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 82470
Ion Ratio Lower Upper
56 100
55 71.4 56.3 84.5



#14
Allyl chloride
Concen: 36.574 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 41 Resp: 123509
Ion Ratio Lower Upper
41 100
39 83.1 64.4 96.6
76 46.2 30.5 45.7#

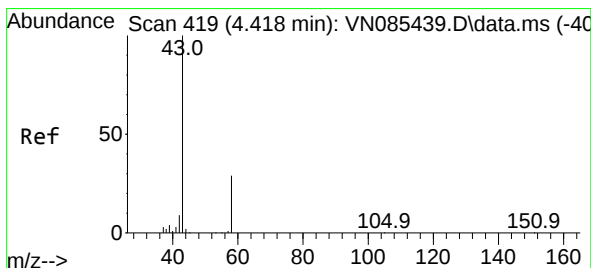
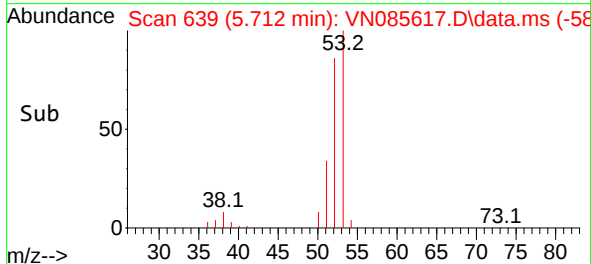
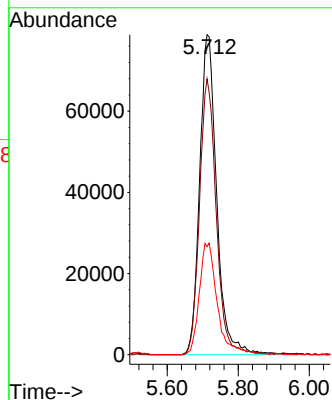
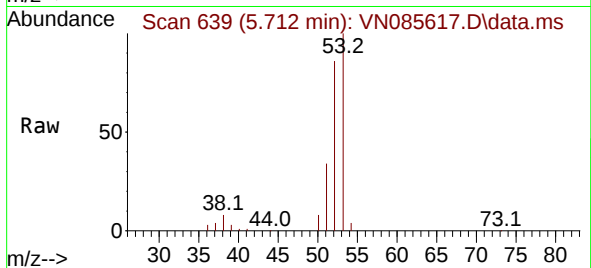




#15
Acrylonitrile
Concen: 231.327 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

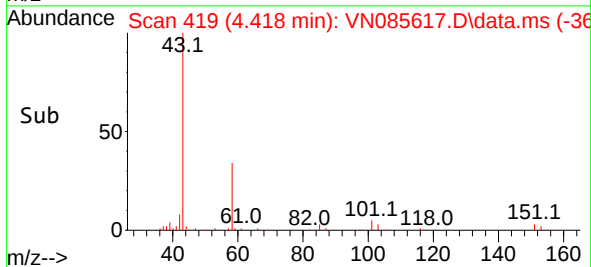
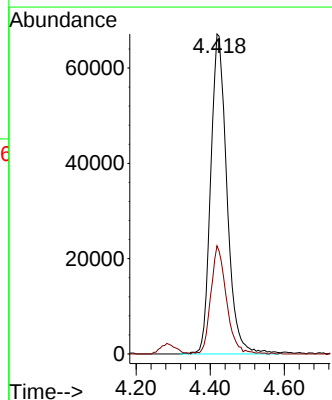
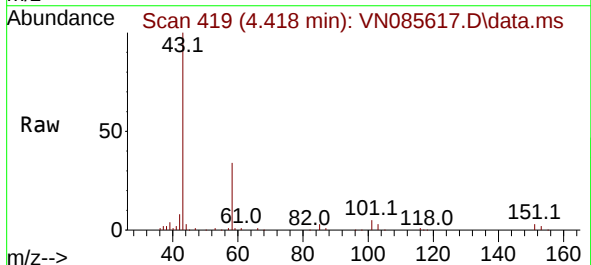
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

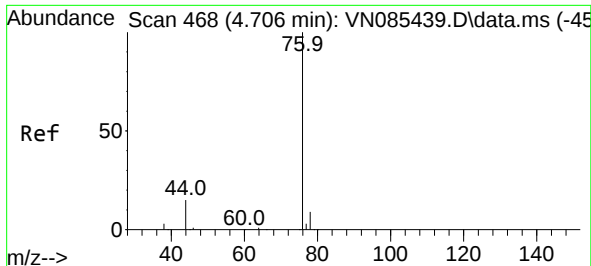
Tgt Ion: 53 Resp: 263353
Ion Ratio Lower Upper
53 100
52 84.6 65.5 98.3
51 36.8 29.8 44.8



#16
Acetone
Concen: 202.320 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 43 Resp: 204618
Ion Ratio Lower Upper
43 100
58 33.5 23.8 35.6

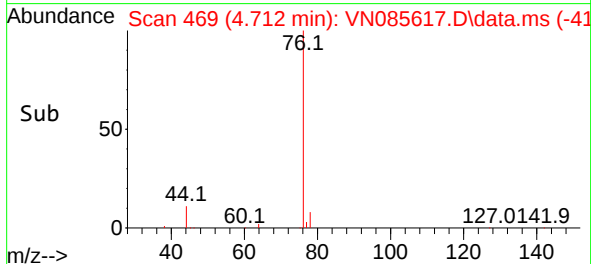
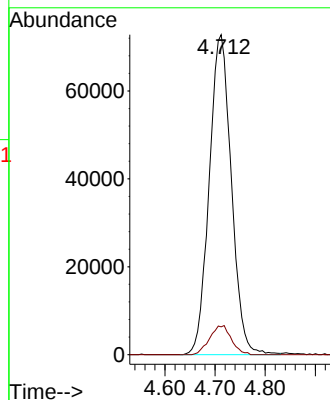
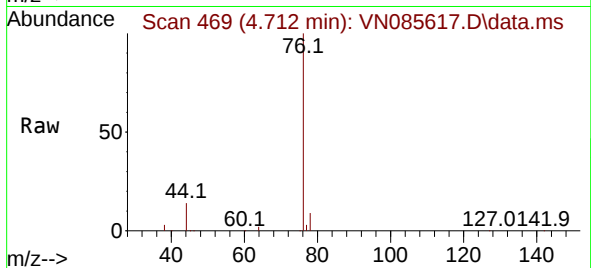




#17
Carbon Disulfide
Concen: 34.849 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

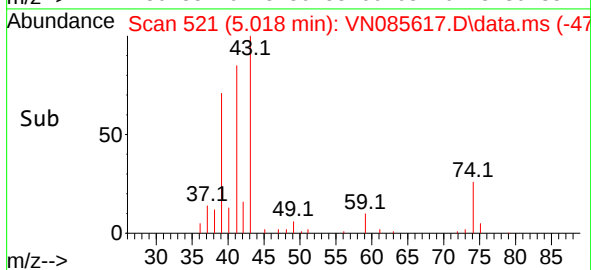
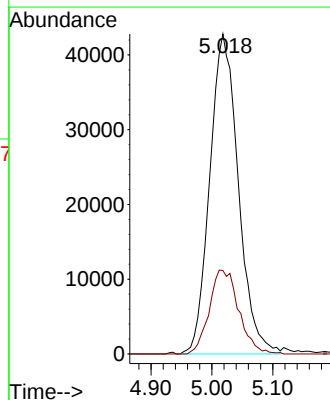
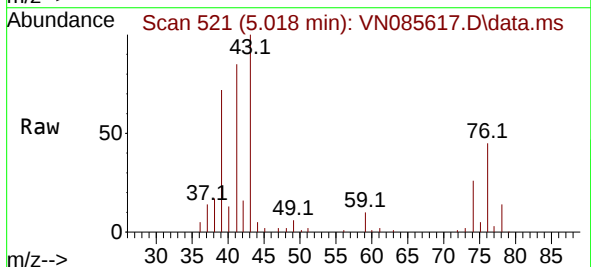
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

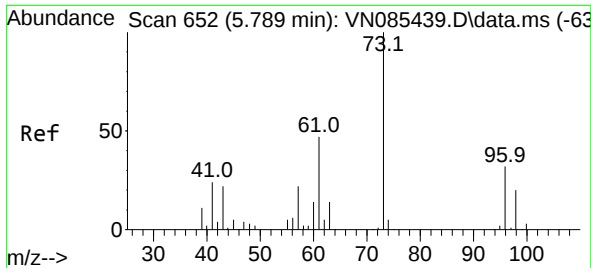
Tgt Ion: 76 Resp: 223300
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 45.361 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 43 Resp: 139501
Ion Ratio Lower Upper
43 100
74 27.1 18.6 28.0

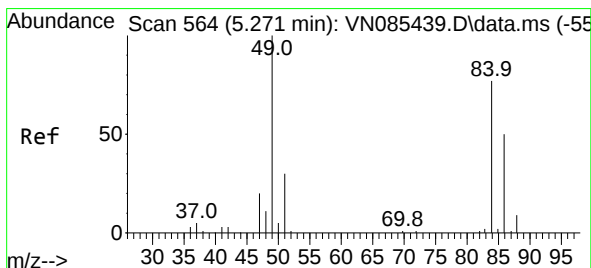
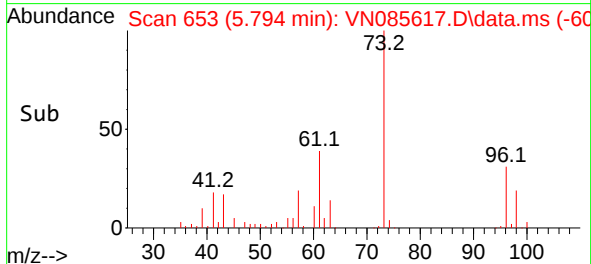
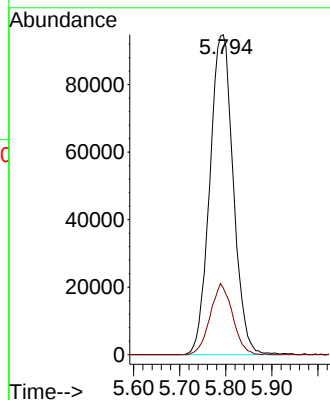
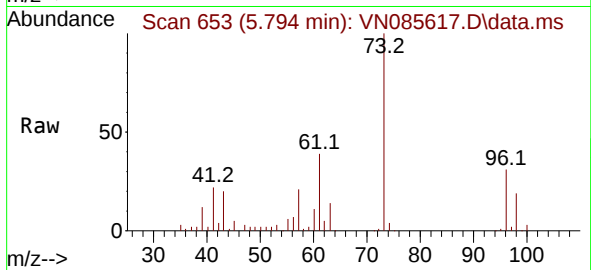




#19
Methyl tert-butyl Ether
Concen: 49.654 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

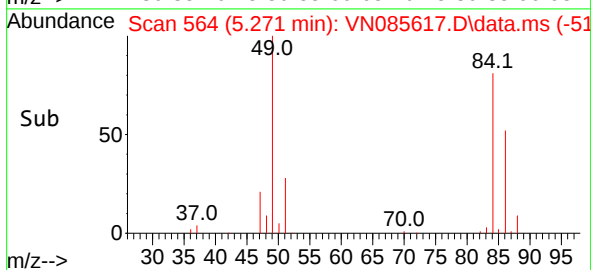
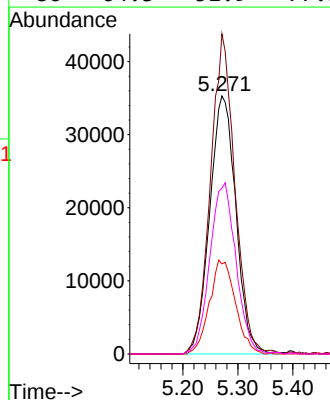
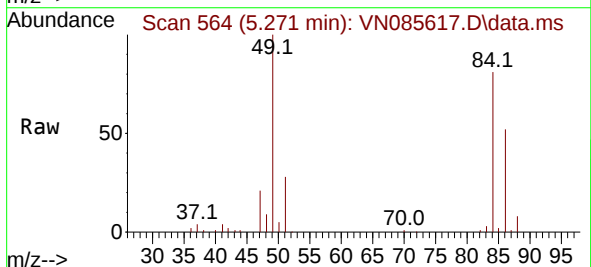
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

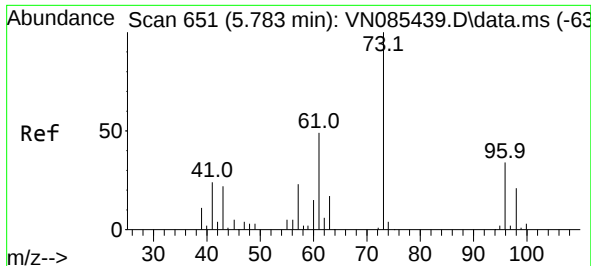
Tgt Ion: 73 Resp: 335538
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 46.650 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 84 Resp: 116799
Ion Ratio Lower Upper
84 100
49 124.0 104.1 156.1
51 34.9 31.0 46.4
86 64.3 51.9 77.9

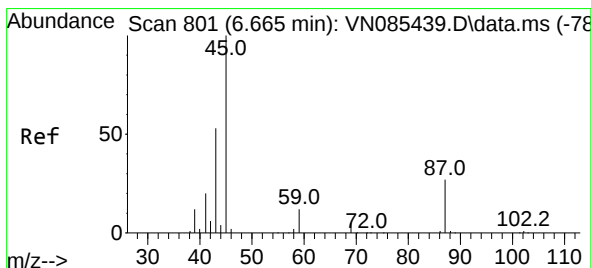
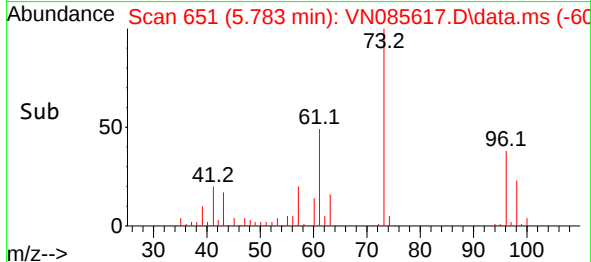
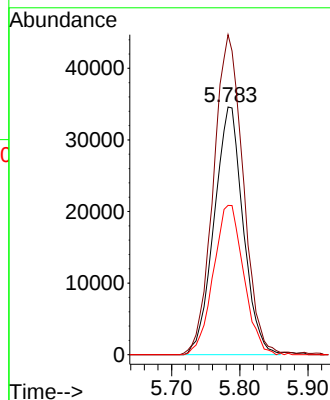
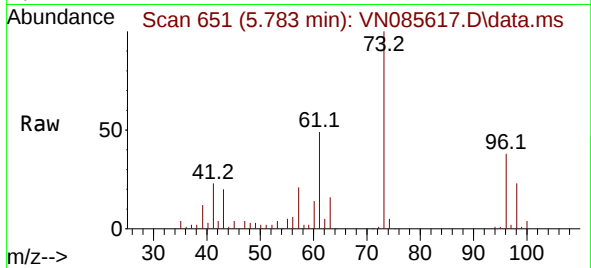




#21
trans-1,2-Dichloroethene
Concen: 46.100 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

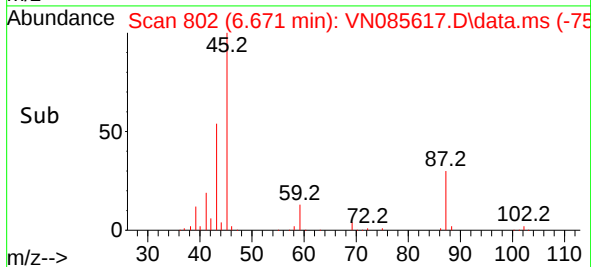
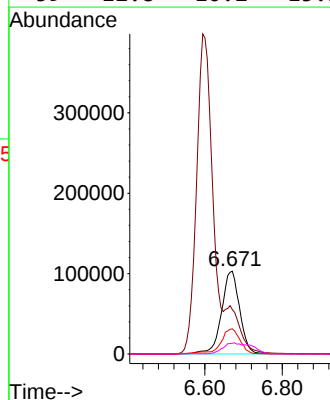
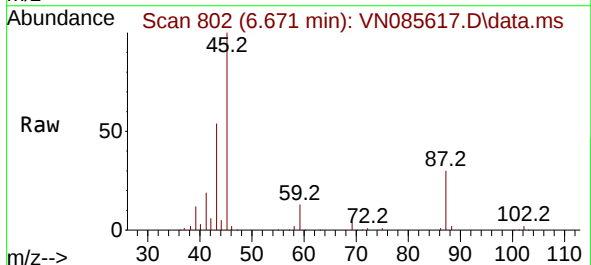
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

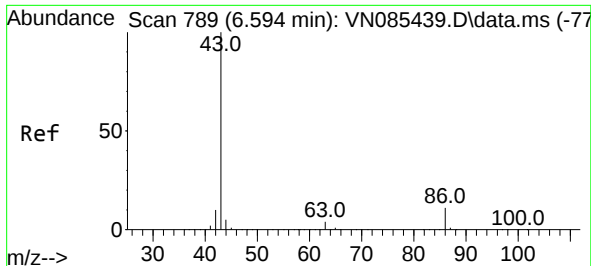
Tgt Ion: 96 Resp: 102531
Ion Ratio Lower Upper
96 100
61 129.2 115.7 173.5
98 60.2 49.8 74.8



#22
Diisopropyl ether
Concen: 44.663 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 45 Resp: 334765
Ion Ratio Lower Upper
45 100
43 52.8 45.0 67.6
87 30.3 21.8 32.8
59 12.8 10.2 15.2

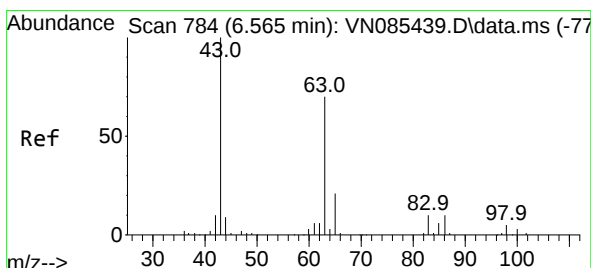
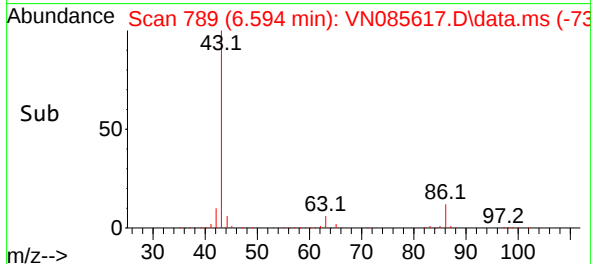
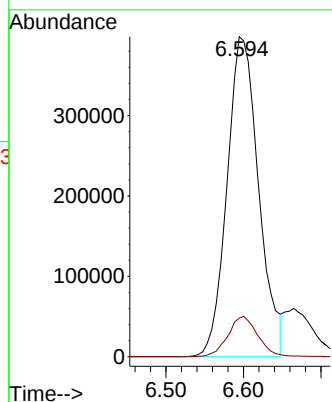
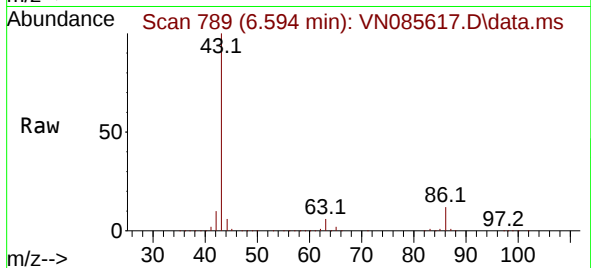




#23
 Vinyl Acetate
 Concen: 215.551 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

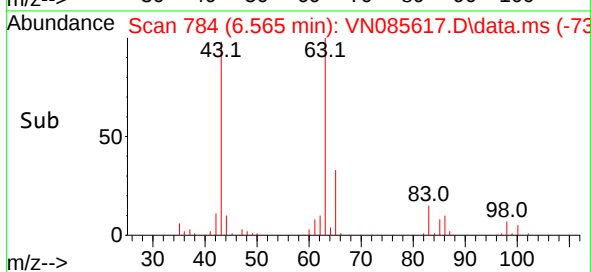
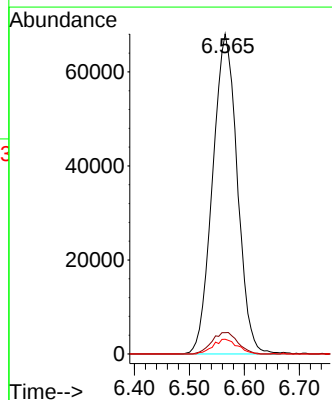
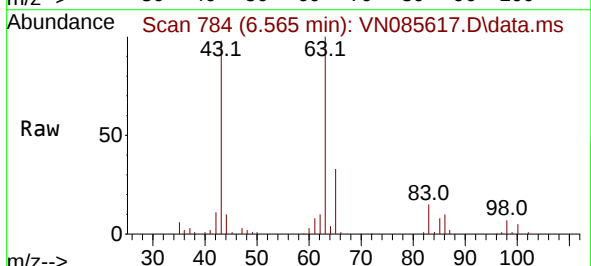
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1130671
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.504 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion: 63 Resp: 212538
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.6 2.0 6.0

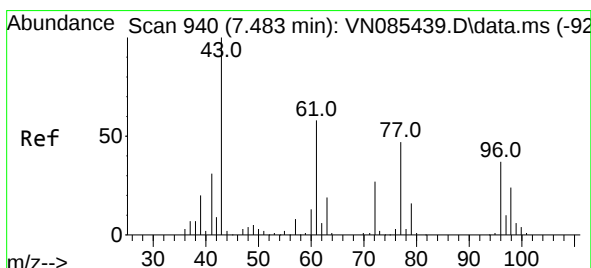
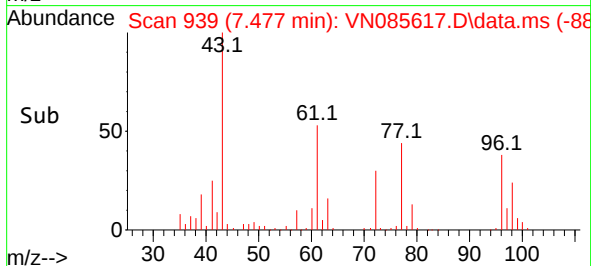
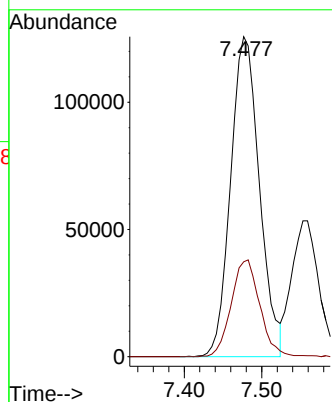
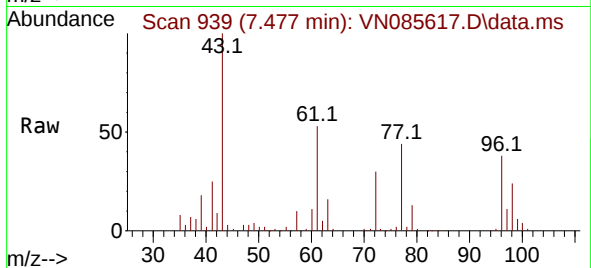




#25
2-Butanone
Concen: 218.881 ug/l
RT: 7.477 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

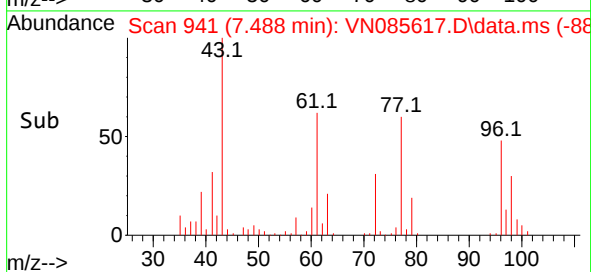
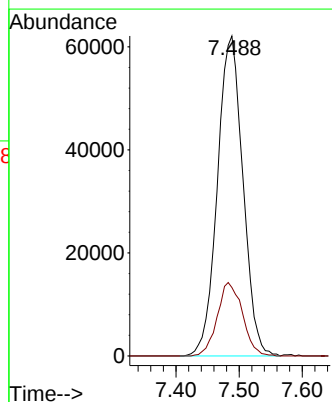
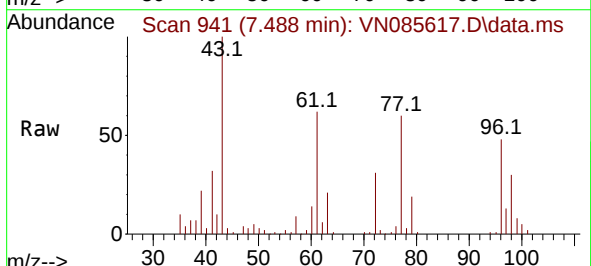
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 325763
Ion Ratio Lower Upper
43 100
72 29.7 20.2 30.4



#26
2,2-Dichloropropane
Concen: 47.156 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 77 Resp: 174244
Ion Ratio Lower Upper
77 100
97 22.7 10.7 32.1



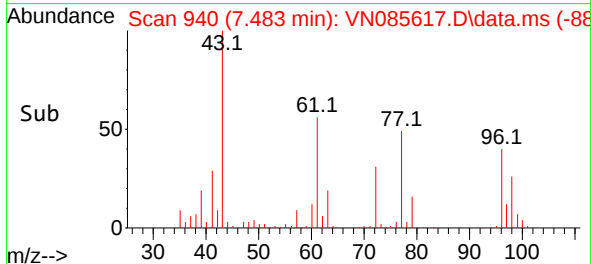
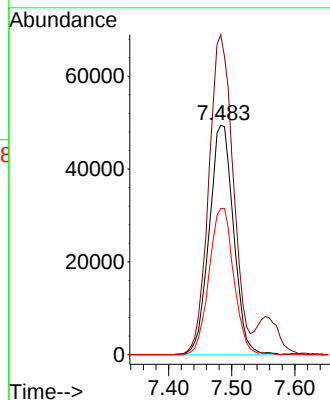
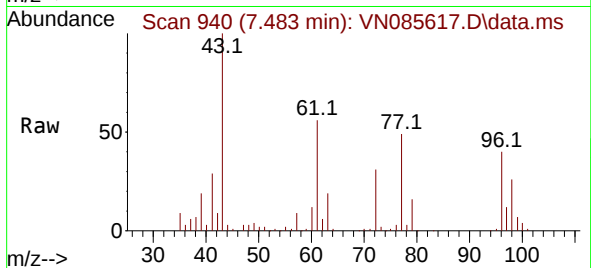


#27
 cis-1,2-Dichloroethene
 Concen: 50.547 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 132413

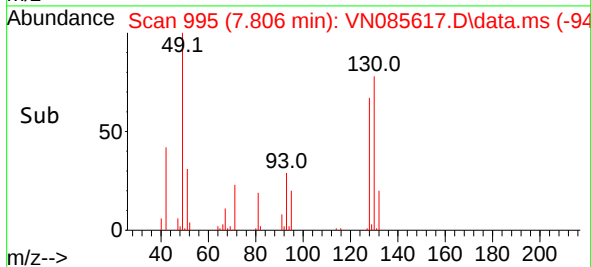
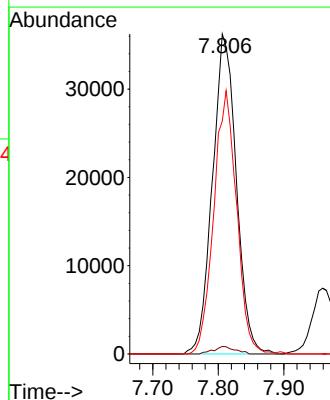
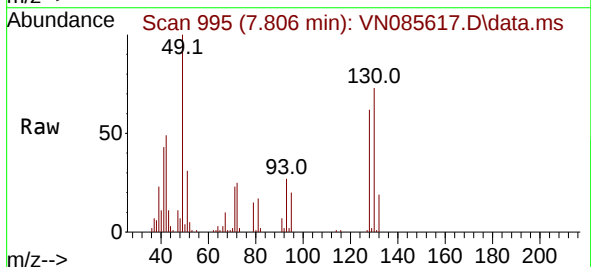
Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	311.8
98	64.6	0.0	126.0

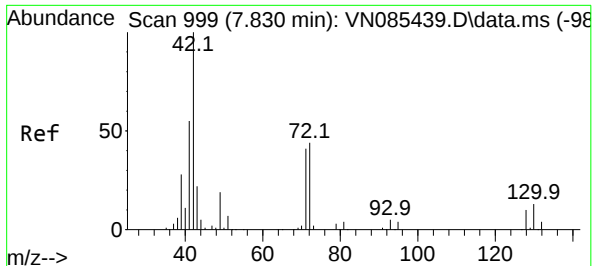


#28
 Bromochloromethane
 Concen: 43.090 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion: 49 Resp: 91622

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	78.8	55.0	82.4





#29

Tetrahydrofuran

Concen: 223.073 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

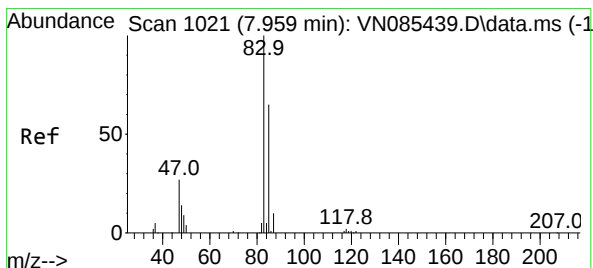
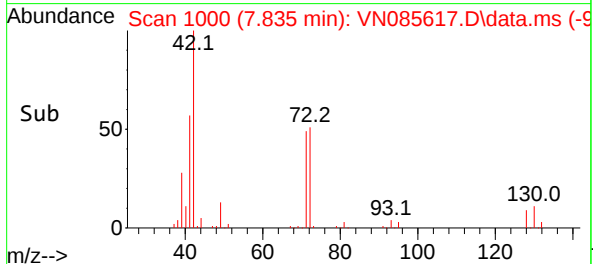
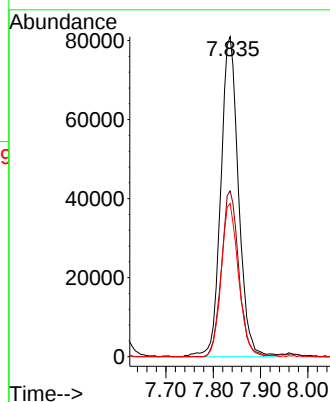
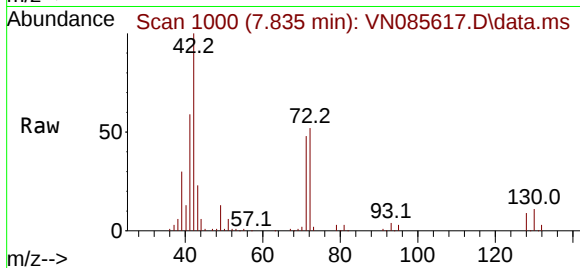
Tgt Ion: 42 Resp: 210490

Ion Ratio Lower Upper

42 100

72 50.7 34.2 51.2

71 47.1 32.5 48.7



#30

Chloroform

Concen: 48.416 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085617.D

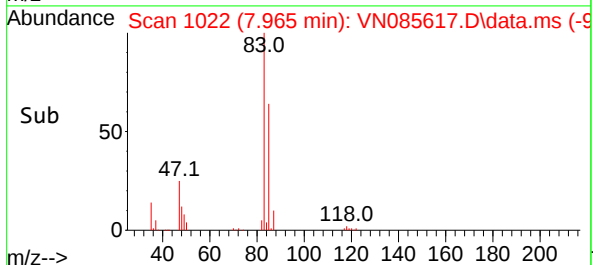
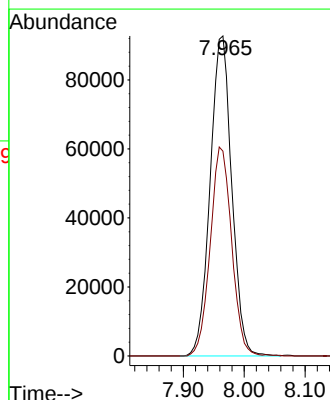
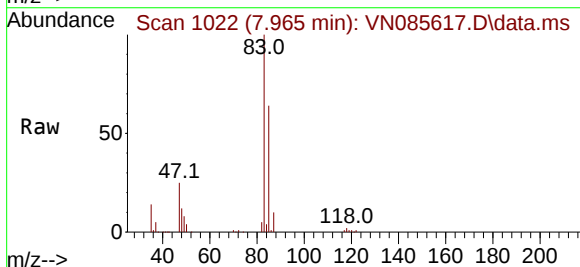
Acq: 03 Feb 2025 12:56

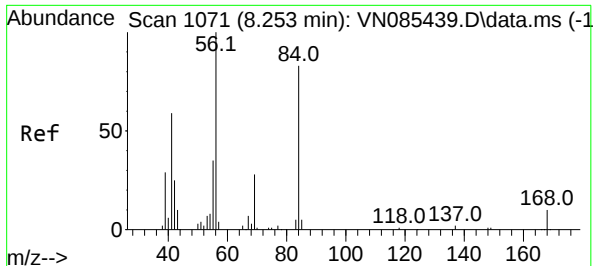
Tgt Ion: 83 Resp: 228697

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

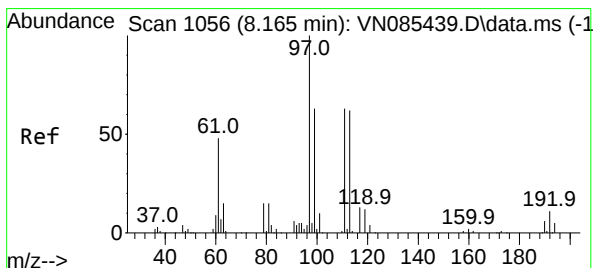
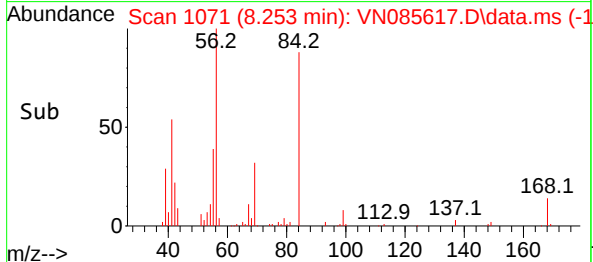
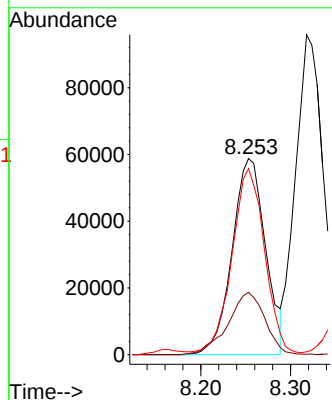
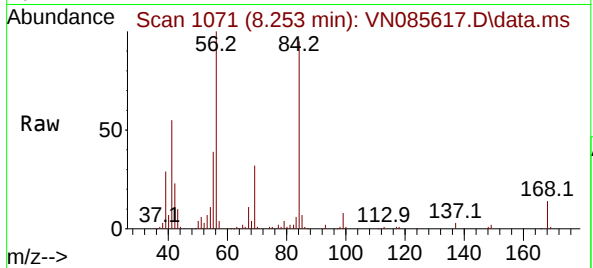




#31
Cyclohexane
Concen: 38.329 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

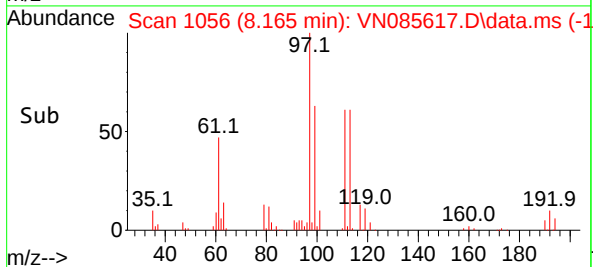
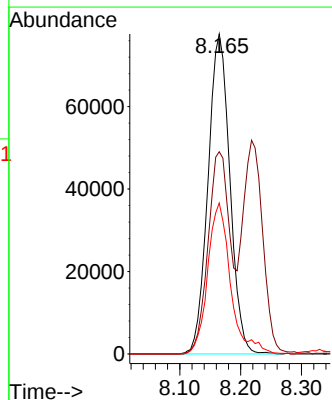
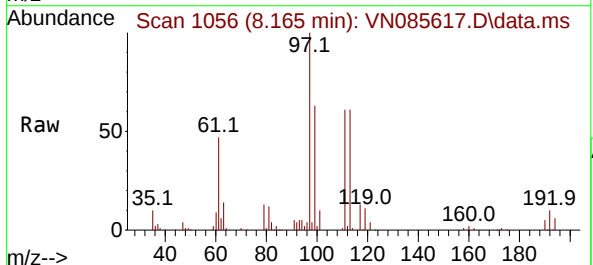
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

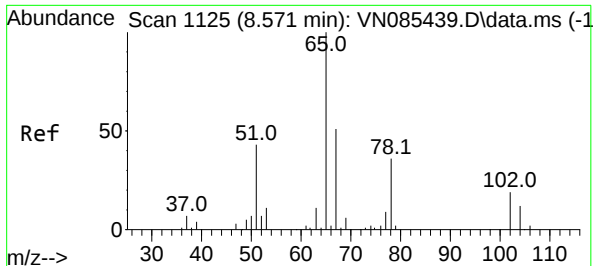
Tgt Ion: 56 Resp: 152259
Ion Ratio Lower Upper
56 100
69 31.8 22.2 33.4
84 93.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.661 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 97 Resp: 193335
Ion Ratio Lower Upper
97 100
99 65.0 49.8 74.6
61 49.4 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 44.566 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

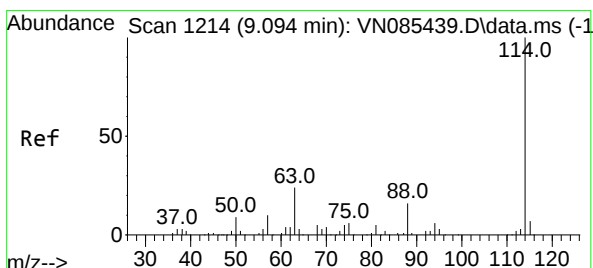
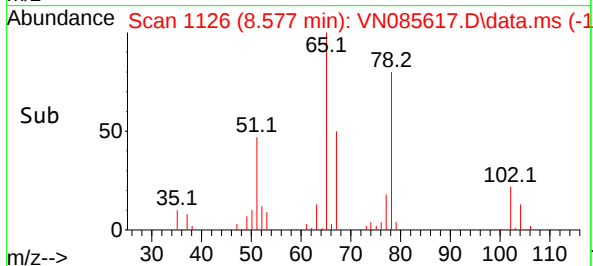
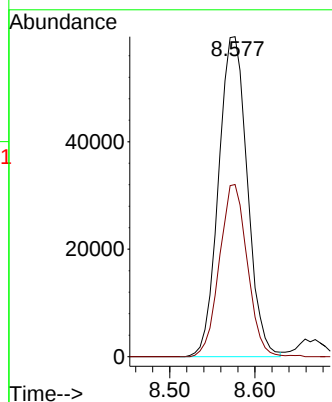
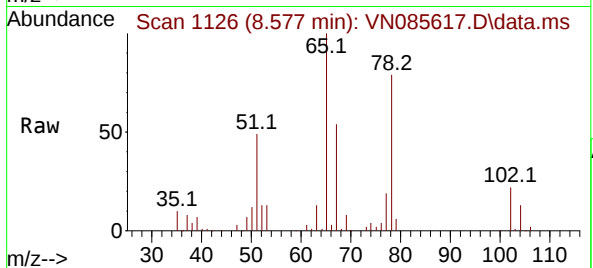
VSTDCCC050

Tgt Ion: 65 Resp: 139495

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

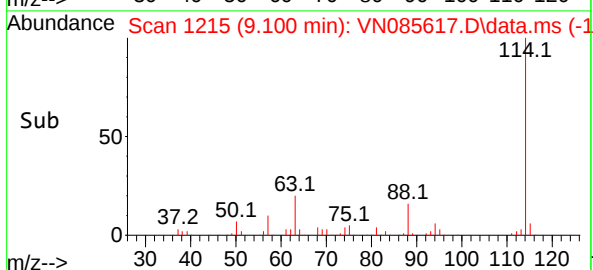
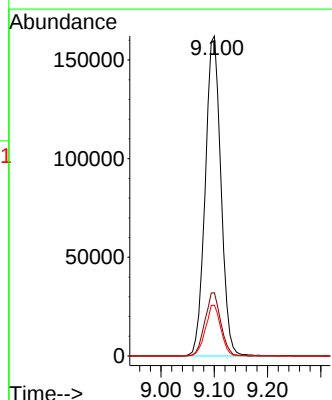
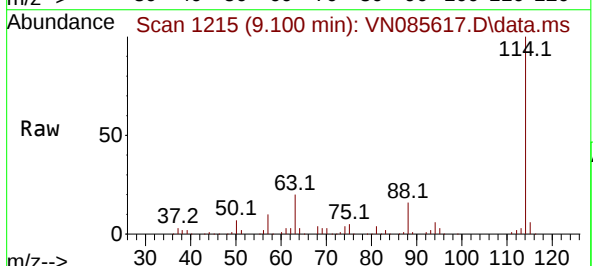
Tgt Ion: 114 Resp: 331362

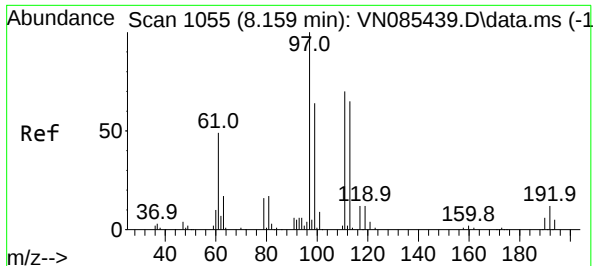
Ion Ratio Lower Upper

114 100

63 19.8 0.0 47.6

88 15.8 0.0 32.6

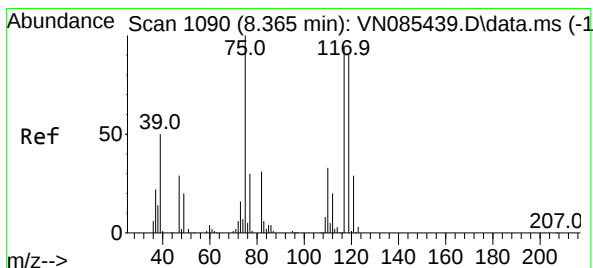
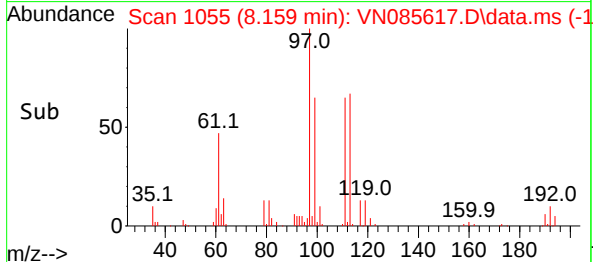
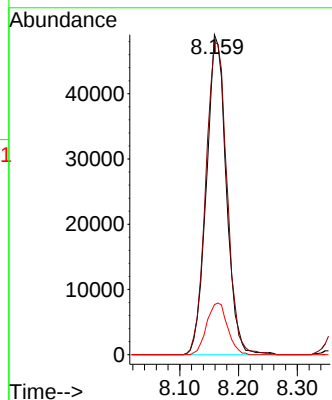
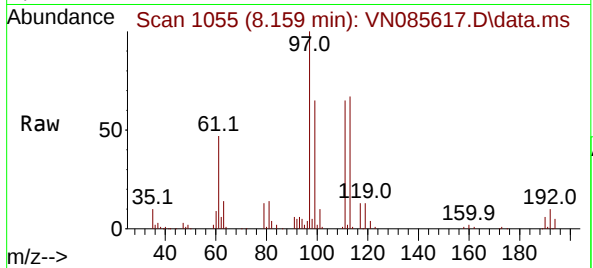




#35
Dibromofluoromethane
Concen: 49.931 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

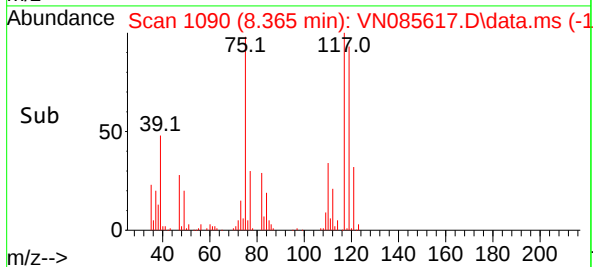
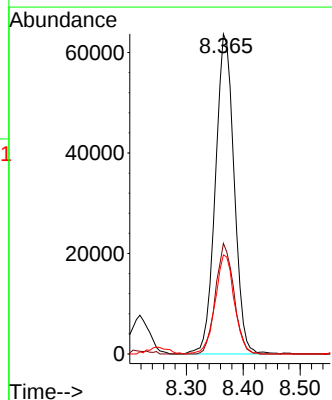
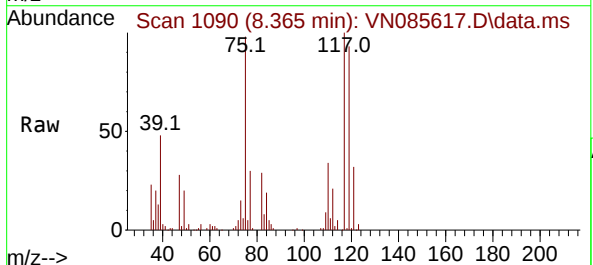
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

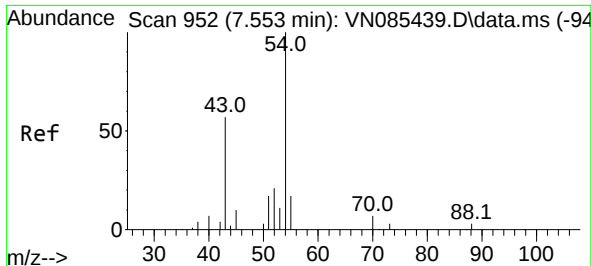
Tgt Ion:113 Resp: 114784
Ion Ratio Lower Upper
113 100
111 104.3 82.7 124.1
192 16.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 45.259 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 75 Resp: 146021
Ion Ratio Lower Upper
75 100
110 33.7 16.5 49.5
77 31.6 24.4 36.6

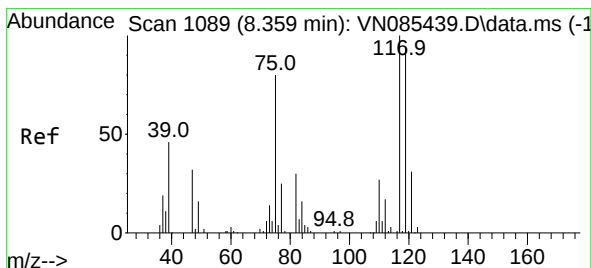
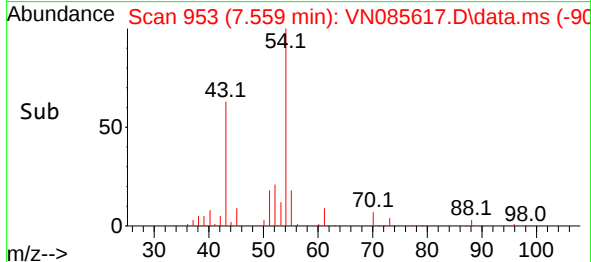
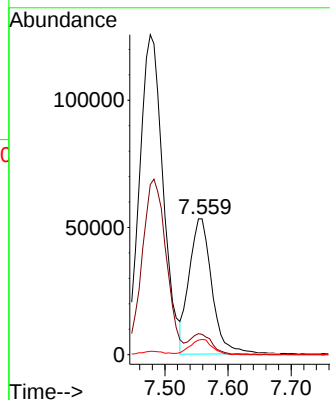
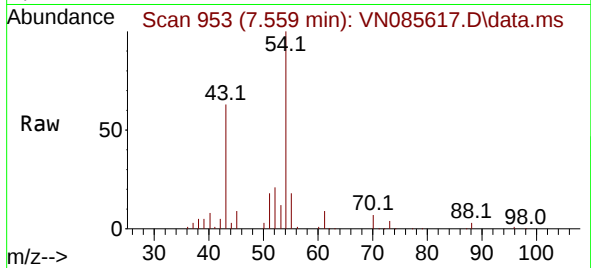




#37
Ethyl Acetate
Concen: 40.735 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

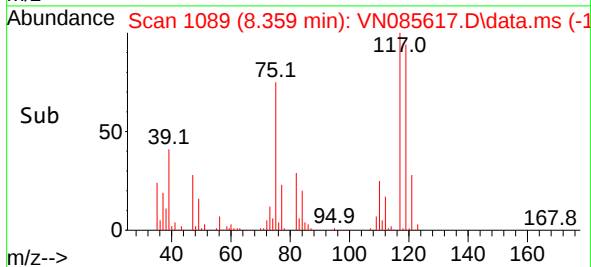
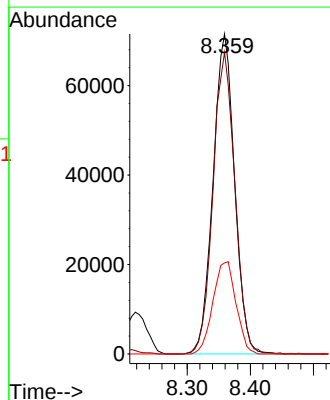
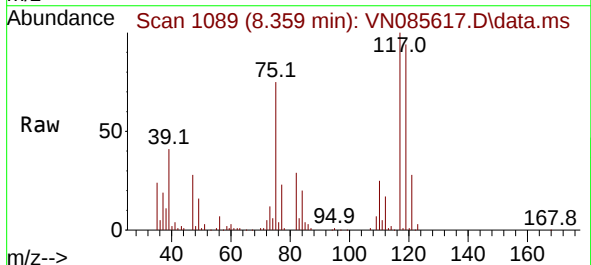
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 132656
Ion Ratio Lower Upper
43 100
61 15.5 10.9 16.3
70 11.1 7.5 11.3



#38
Carbon Tetrachloride
Concen: 45.902 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 117 Resp: 169547
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.2
121 28.5 24.6 37.0





#39

Methylcyclohexane

Concen: 46.593 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

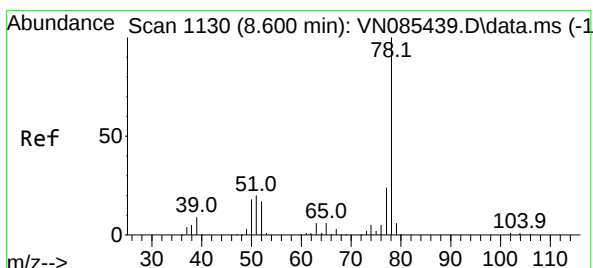
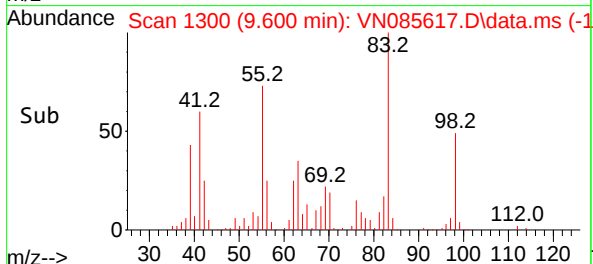
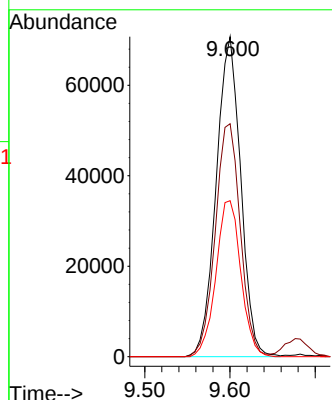
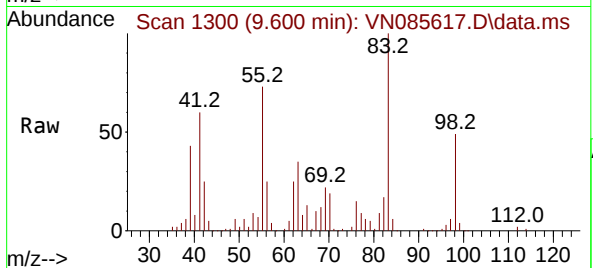
Tgt Ion: 83 Resp: 141262

Ion Ratio Lower Upper

83 100

55 72.8 62.6 94.0

98 48.7 37.7 56.5



#40

Benzene

Concen: 48.614 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085617.D

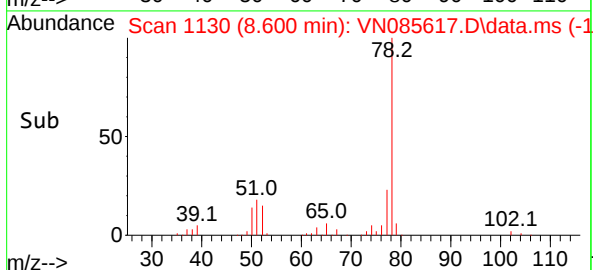
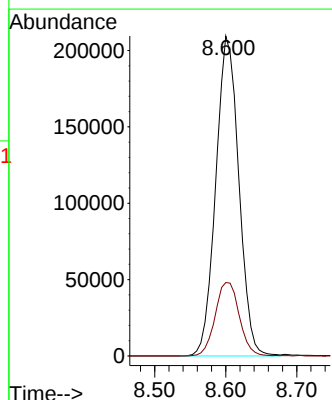
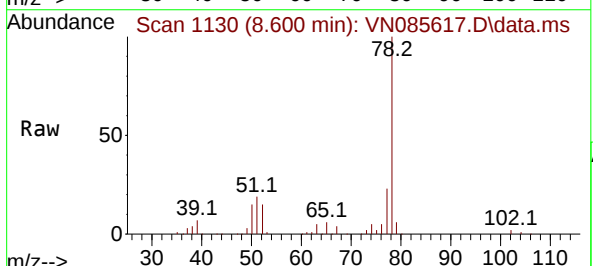
Acq: 03 Feb 2025 12:56

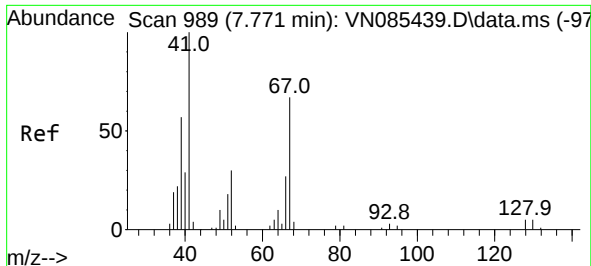
Tgt Ion: 78 Resp: 471269

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

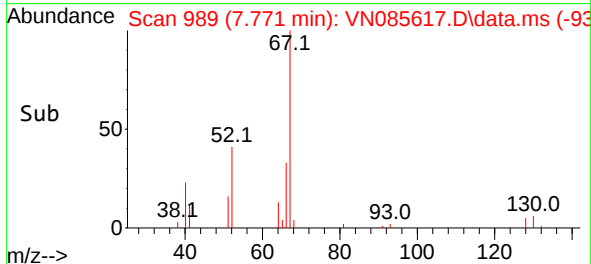
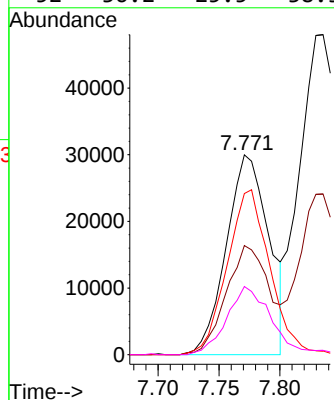
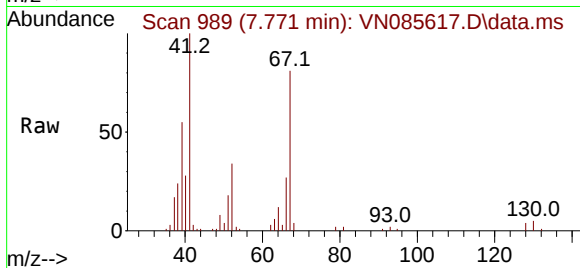




#41
Methacrylonitrile
Concen: 43.037 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

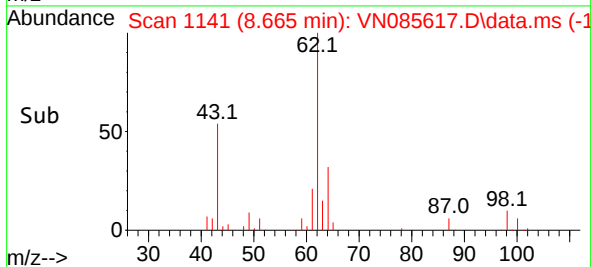
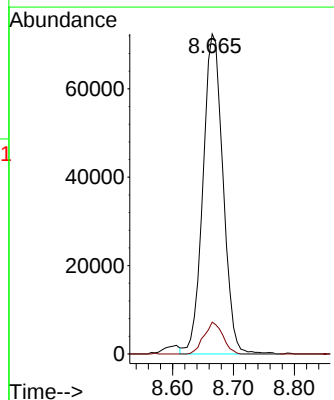
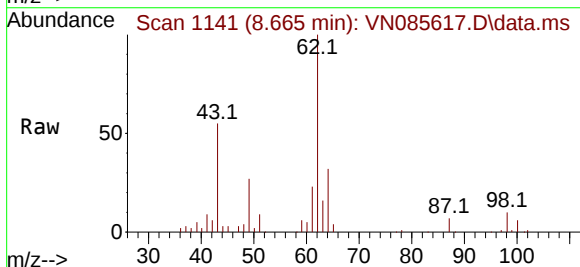
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	72917
Ion	Ratio	Lower	Upper
41	100		
39	55.4	46.0	69.0
67	82.8	57.4	86.2
52	36.2	25.5	38.3



#42
1,2-Dichloroethane
Concen: 45.375 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion:	62	Resp:	165668
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.0

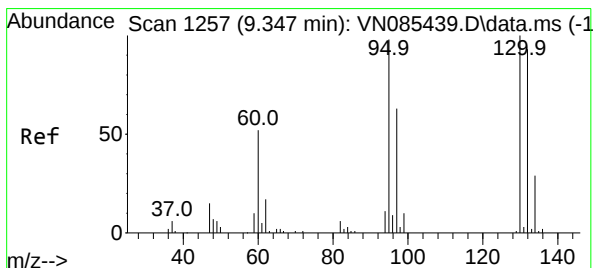
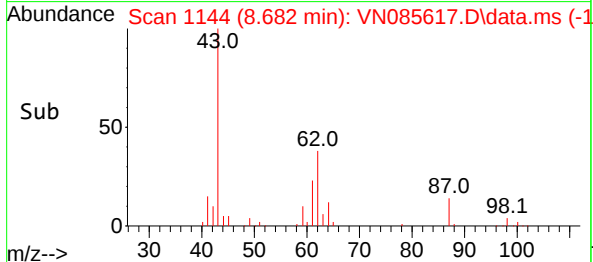
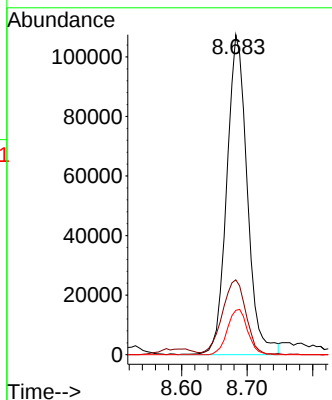
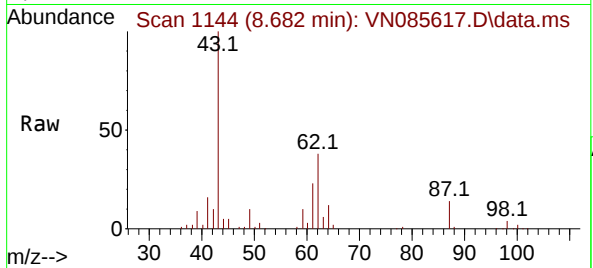




#43
Isopropyl Acetate
Concen: 44.700 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

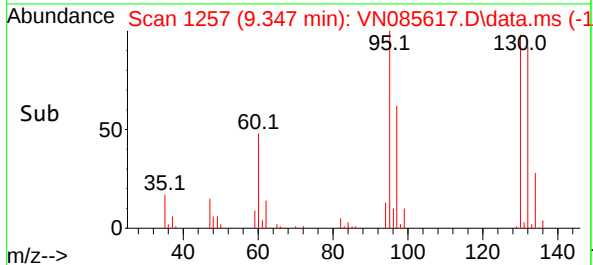
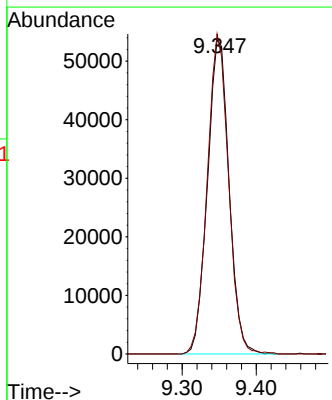
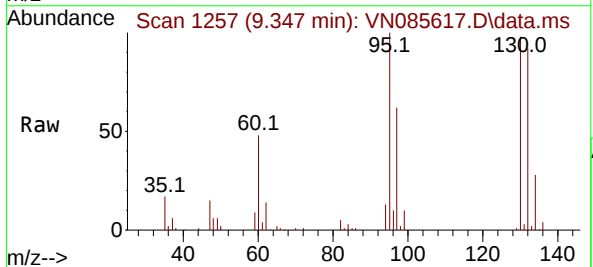
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

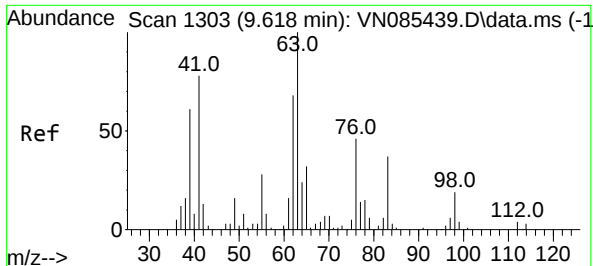
Tgt Ion: 43 Resp: 233249
Ion Ratio Lower Upper
43 100
61 27.1 20.7 31.1
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 48.252 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion:130 Resp: 108885
Ion Ratio Lower Upper
130 100
95 101.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 48.357 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

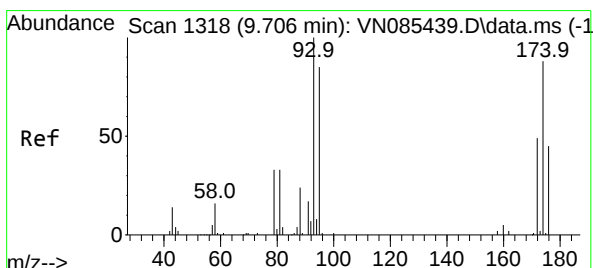
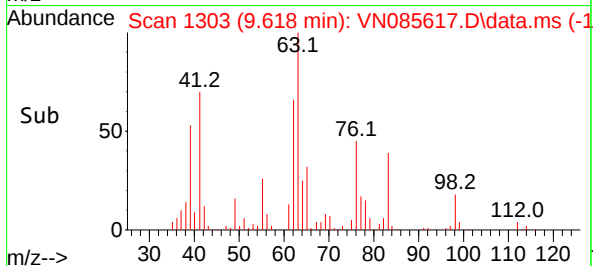
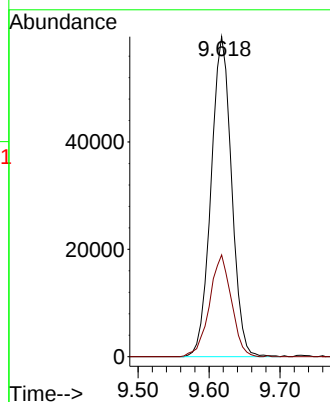
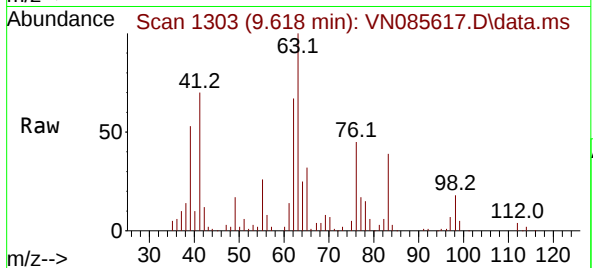
VSTDCCC050

Tgt Ion: 63 Resp: 119741

Ion Ratio Lower Upper

63 100

65 31.8 25.6 38.4



#46

Dibromomethane

Concen: 47.501 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

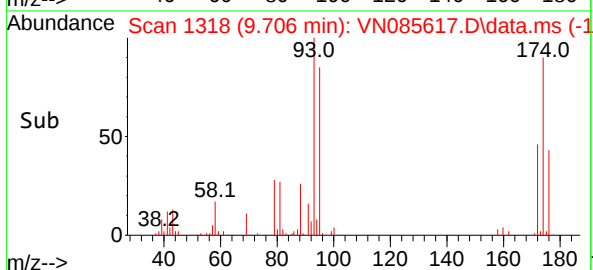
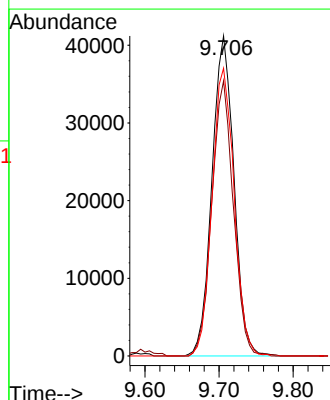
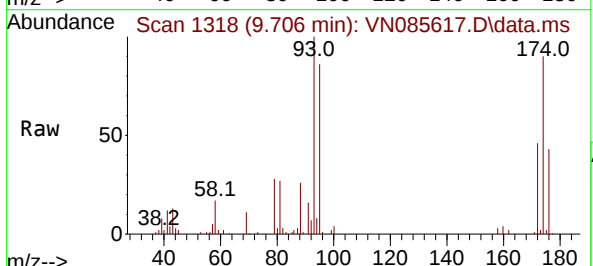
Tgt Ion: 93 Resp: 84871

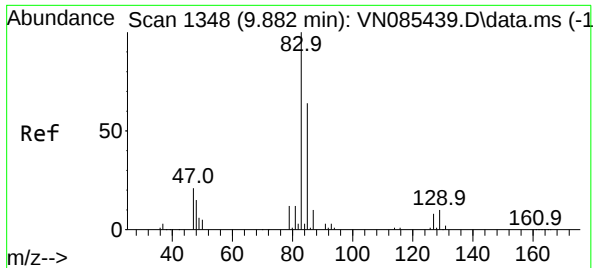
Ion Ratio Lower Upper

93 100

95 84.4 64.7 97.1

174 90.3 69.0 103.4

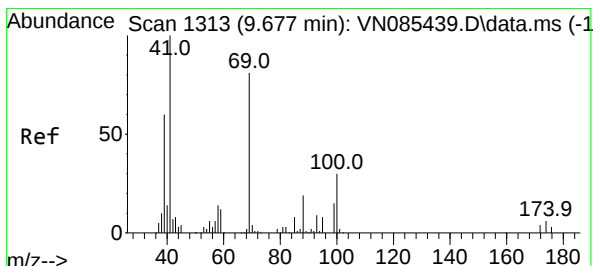
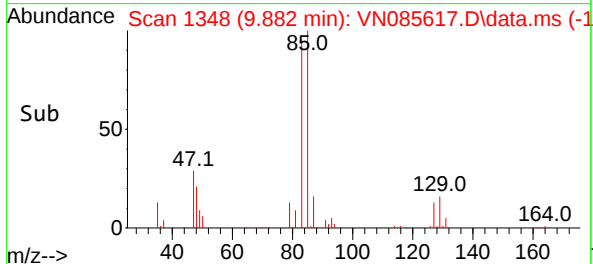
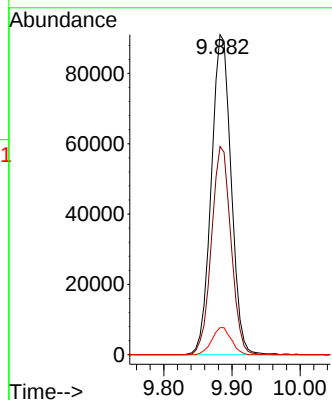
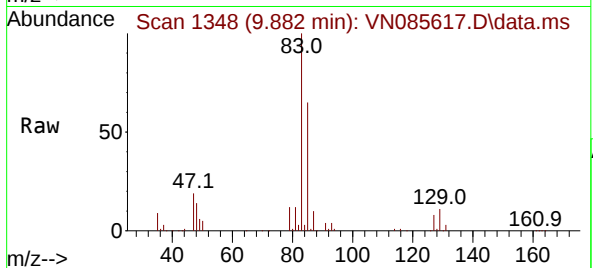




#47
Bromodichloromethane
Concen: 50.527 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

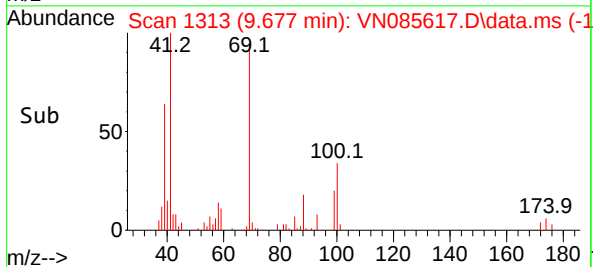
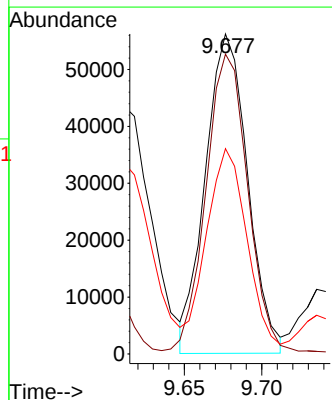
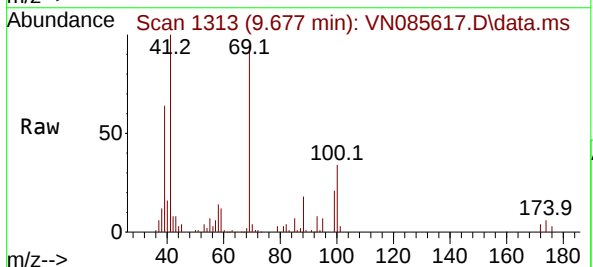
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

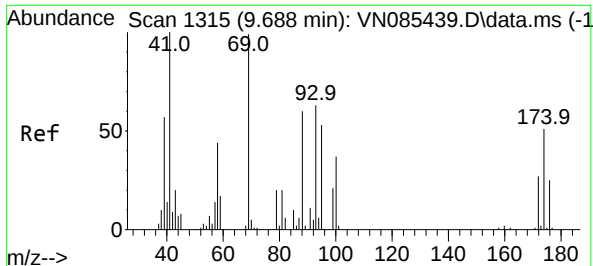
Tgt Ion: 83 Resp: 183920
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8
127 8.5 6.5 9.7



#48
Methyl methacrylate
Concen: 45.301 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 41 Resp: 106379
Ion Ratio Lower Upper
41 100
69 93.6 64.7 97.1
39 62.5 49.0 73.6





#49

1,4-Dioxane

Concen: 1035.537 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

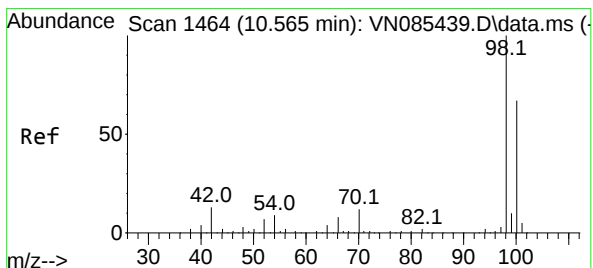
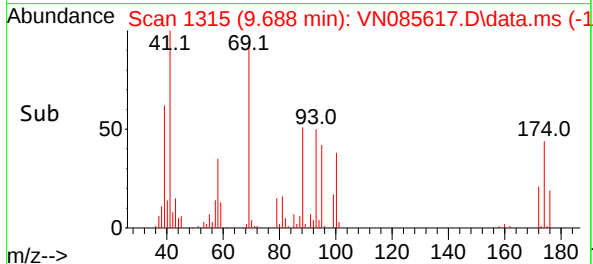
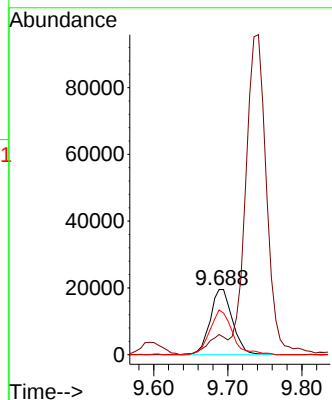
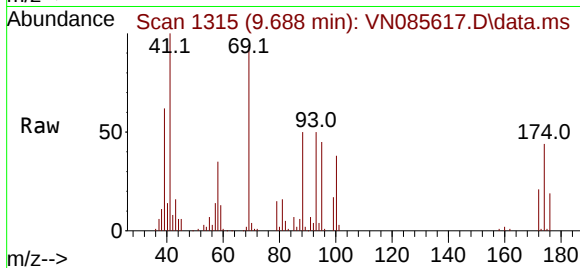
Tgt Ion: 88 Resp: 40950

Ion Ratio Lower Upper

88 100

43 26.9 26.6 39.8

58 69.0 59.5 89.3



#50

Toluene-d8

Concen: 52.598 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085617.D

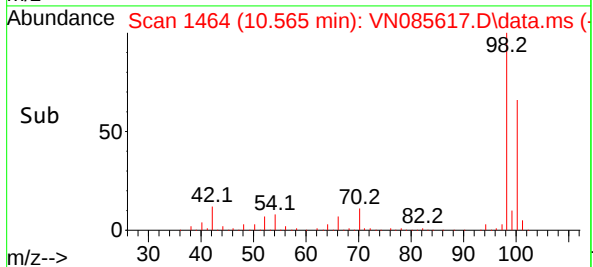
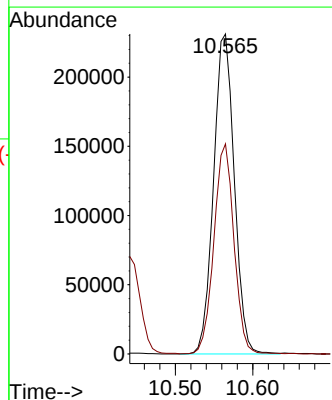
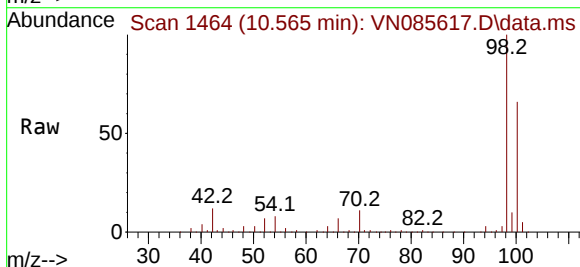
Acq: 03 Feb 2025 12:56

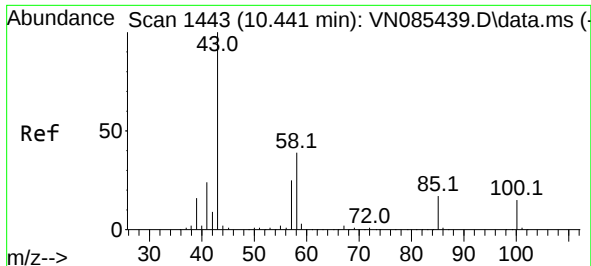
Tgt Ion: 98 Resp: 429609

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.4

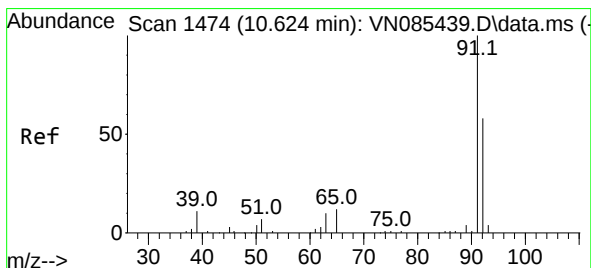
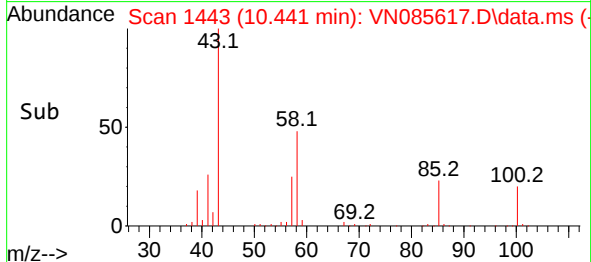
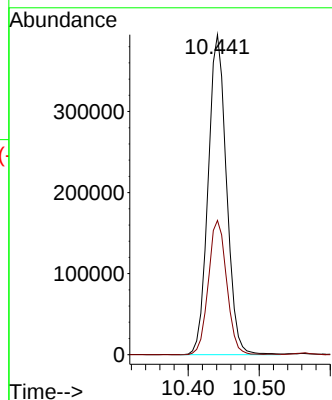
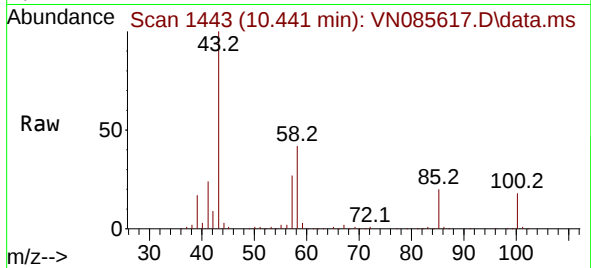




#51
4-Methyl-2-Pentanone
Concen: 233.994 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

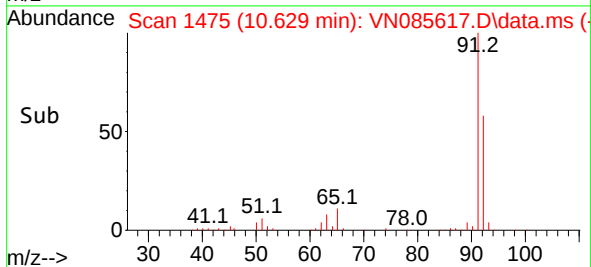
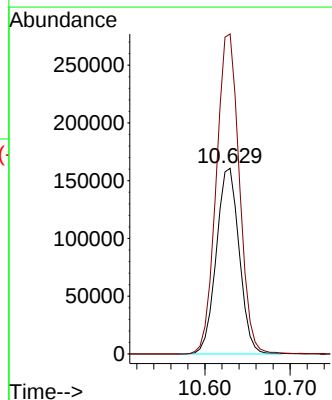
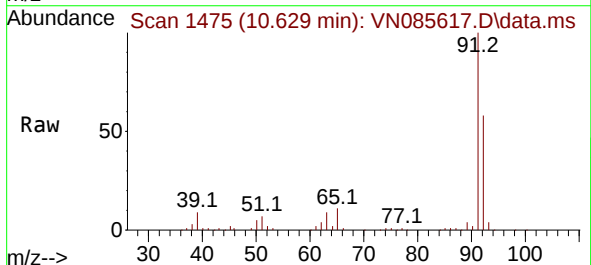
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

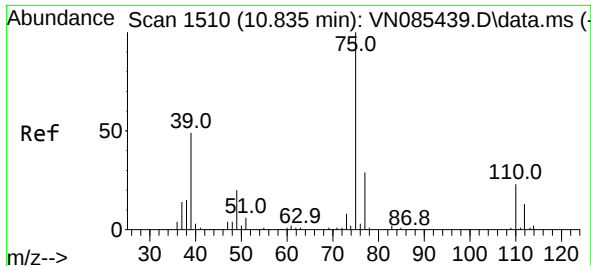
Tgt Ion: 43 Resp: 708536
Ion Ratio Lower Upper
43 100
58 42.0 30.5 45.7



#52
Toluene
Concen: 53.534 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 92 Resp: 300704
Ion Ratio Lower Upper
92 100
91 173.9 139.2 208.8

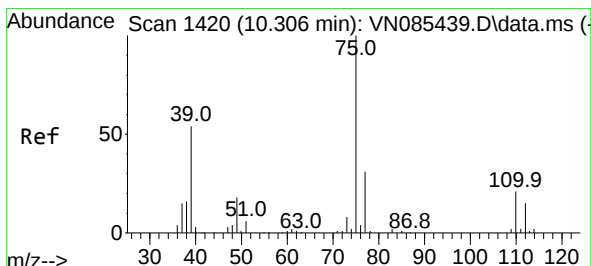
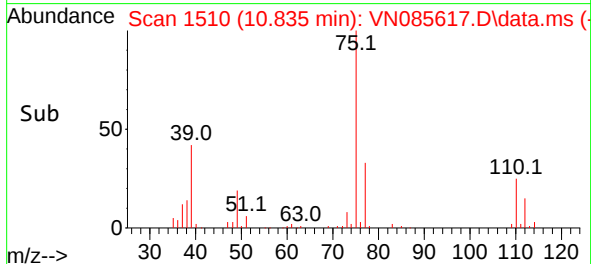
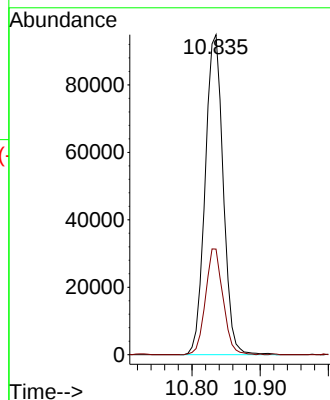
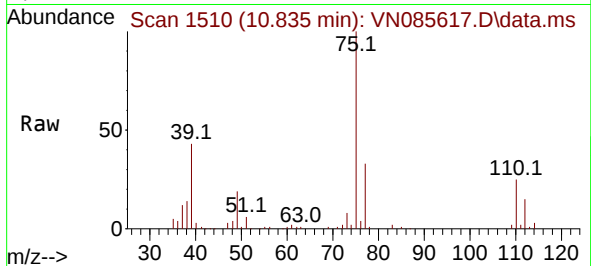




#53
 t-1,3-Dichloropropene
 Concen: 50.697 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

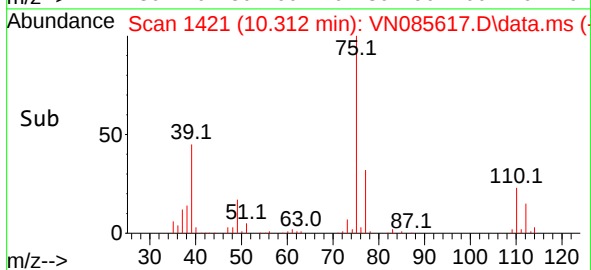
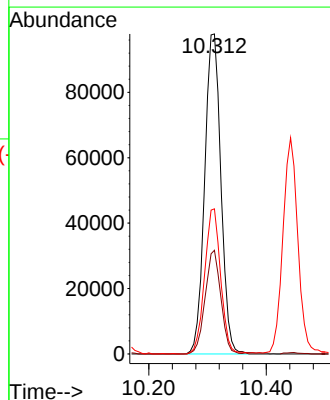
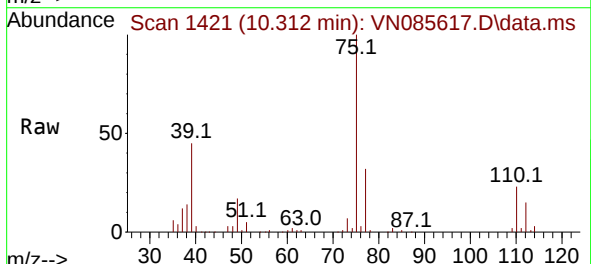
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

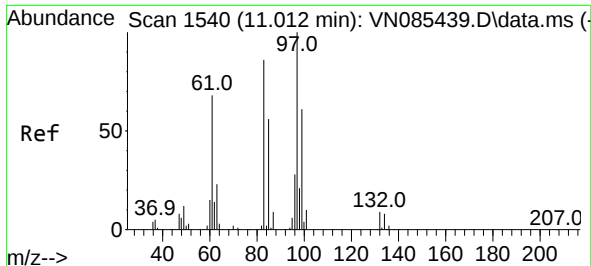
Tgt Ion: 75 Resp: 174396
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.107 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion: 75 Resp: 187791
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4
 39 45.3 43.1 64.7



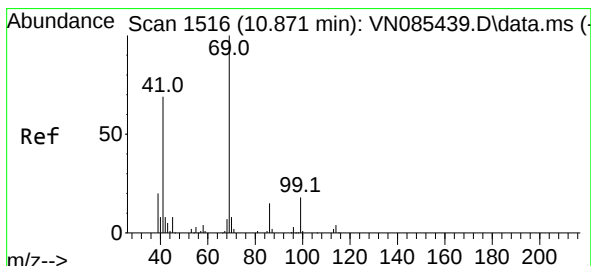
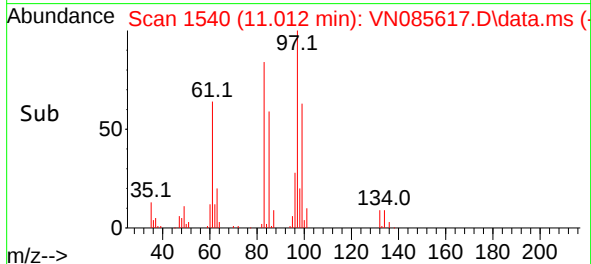
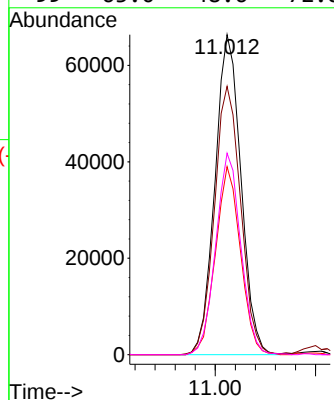
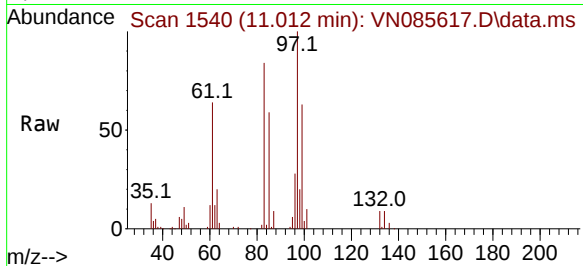


#55
1,1,2-Trichloroethane
Concen: 53.625 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 119203

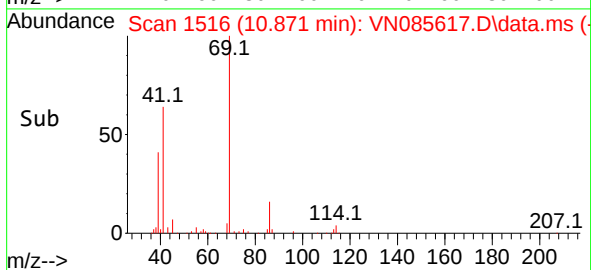
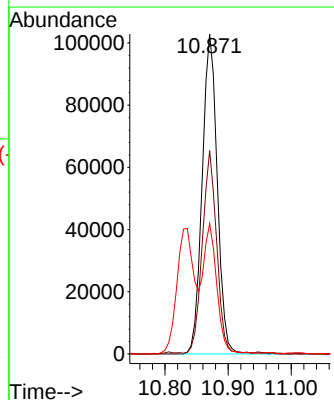
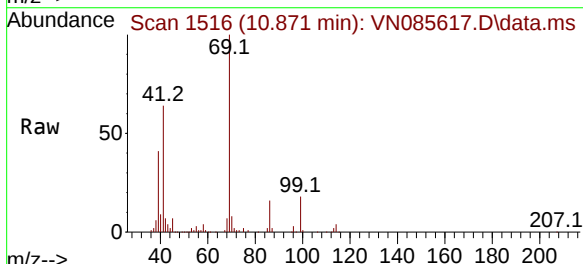
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.0	103.6
85	58.8	44.6	66.8
99	63.0	48.6	72.8

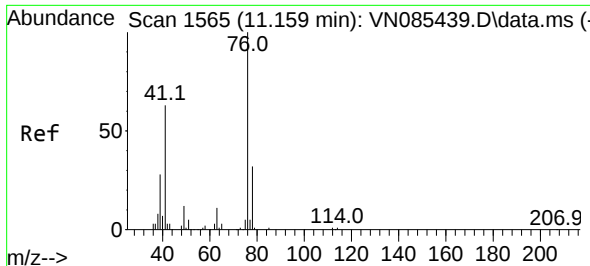


#56
Ethyl methacrylate
Concen: 45.764 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 69 Resp: 170732

Ion	Ratio	Lower	Upper
69	100		
41	59.8	54.6	82.0
39	36.3	32.4	48.6

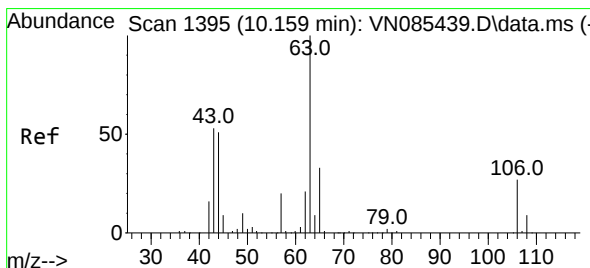
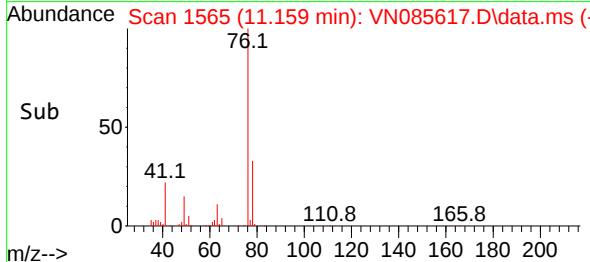
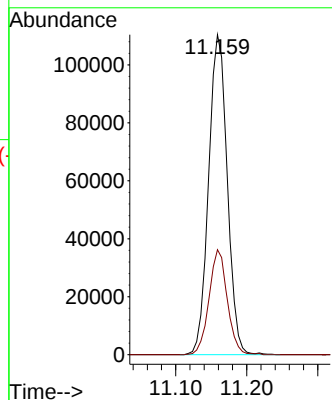
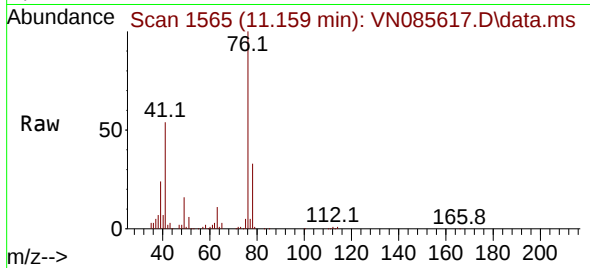




#57
1,3-Dichloropropane
Concen: 52.111 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

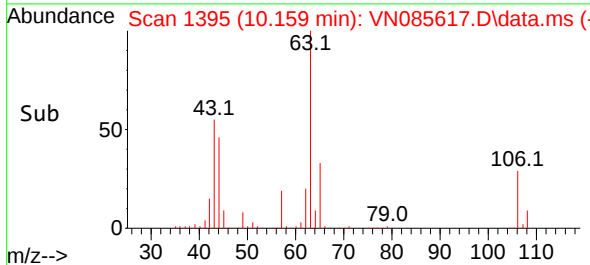
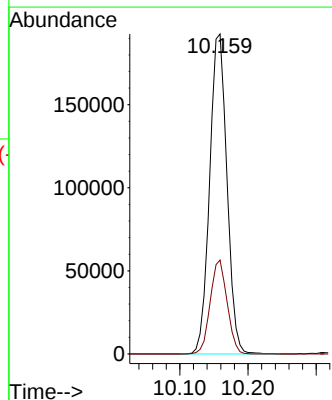
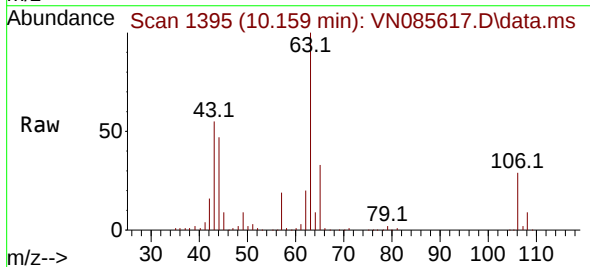
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

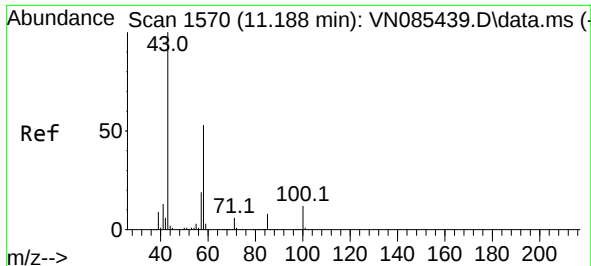
Tgt Ion: 76 Resp: 201421
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 241.104 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 63 Resp: 340114
Ion Ratio Lower Upper
63 100
106 28.6 21.6 32.4

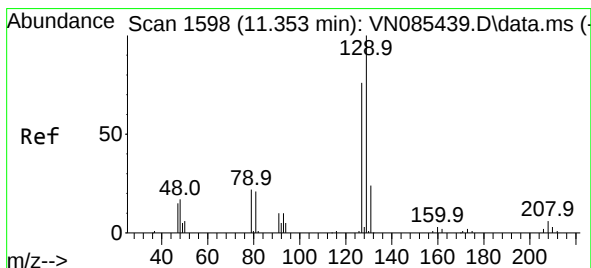
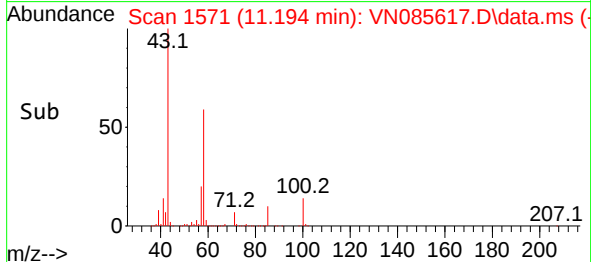
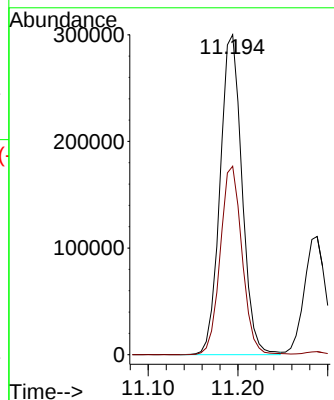
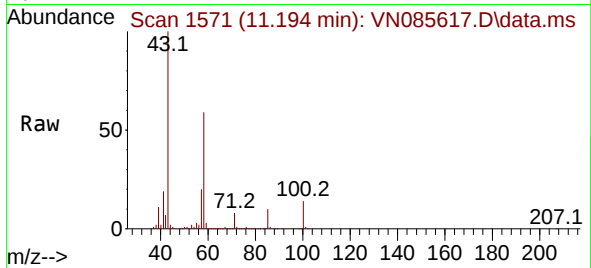




#59
2-Hexanone
Concen: 238.718 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

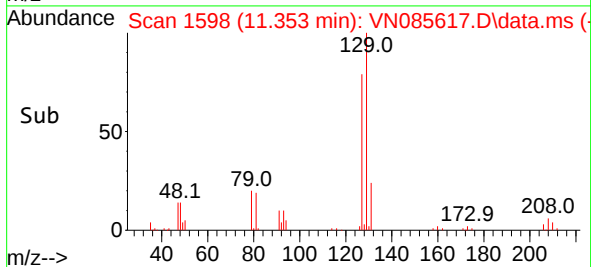
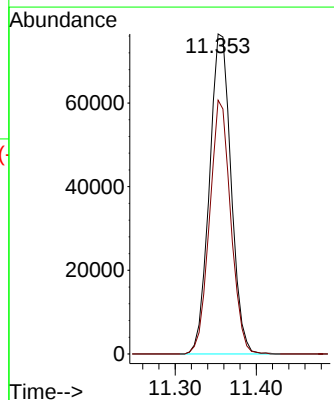
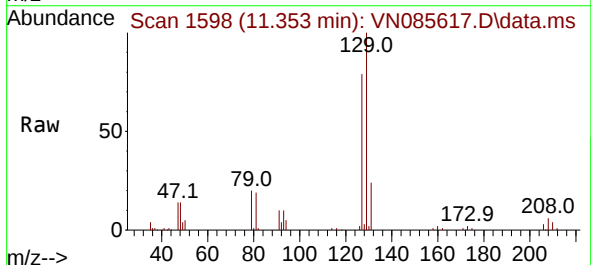
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

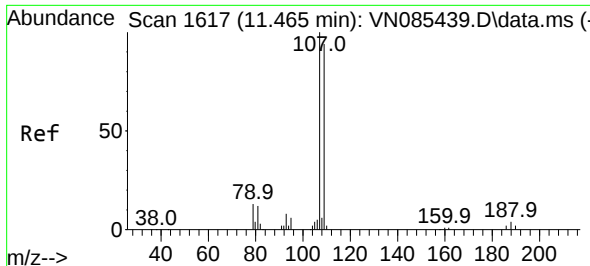
Tgt Ion: 43 Resp: 508614
Ion Ratio Lower Upper
43 100
58 58.6 26.2 78.6



#60
Dibromochloromethane
Concen: 52.795 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 129 Resp: 141685
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

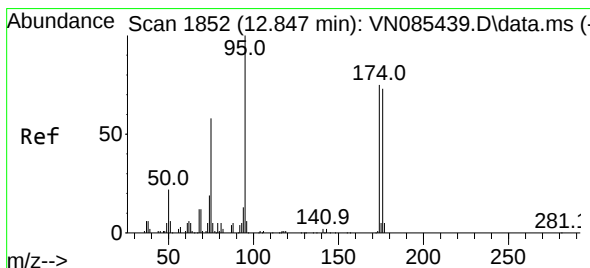
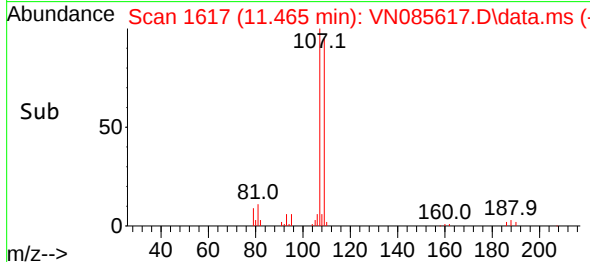
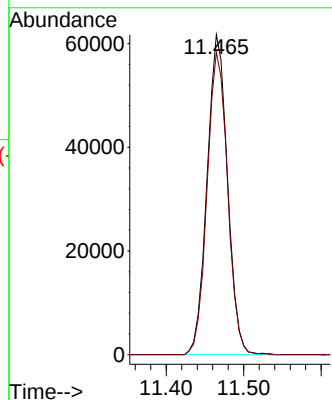
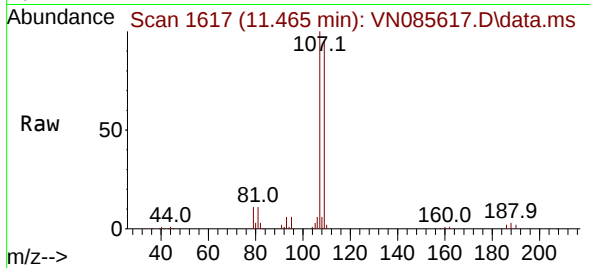




#61
1,2-Dibromoethane
Concen: 50.994 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

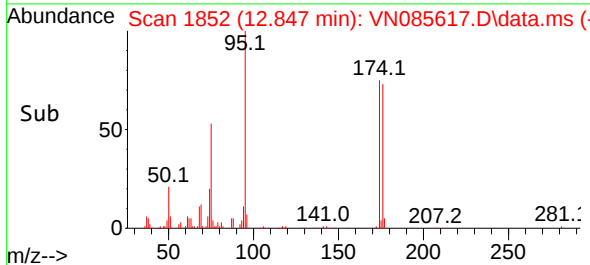
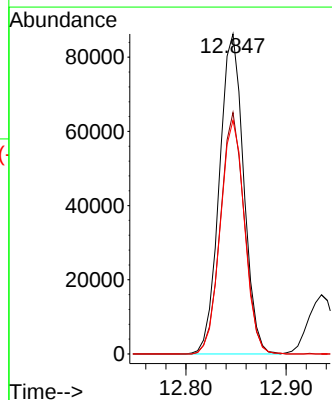
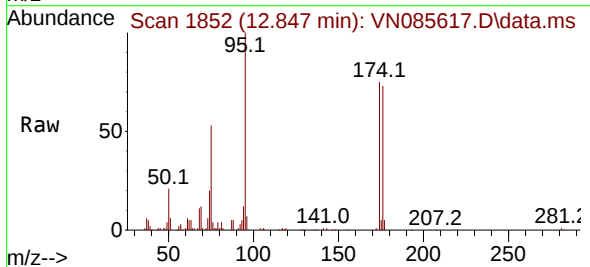
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

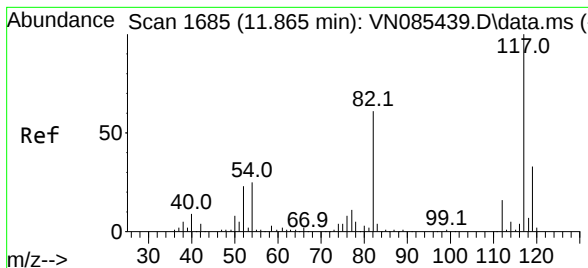
Tgt Ion:107 Resp: 112834
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.906 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 95 Resp: 145023
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.0
176 72.7 0.0 142.4

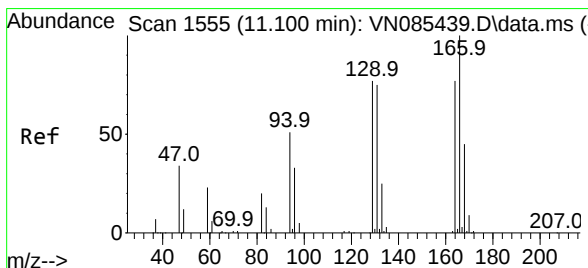
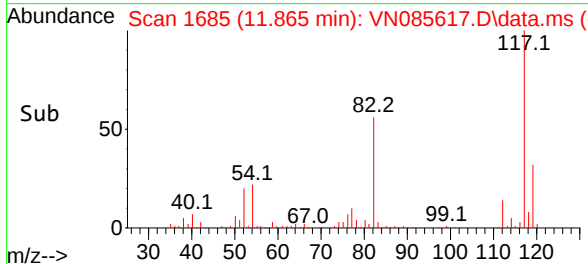
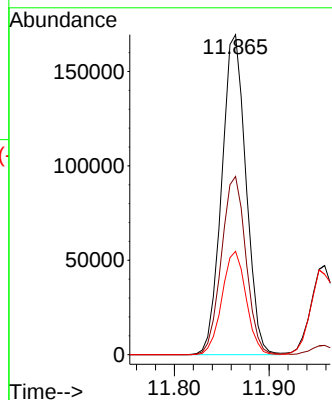
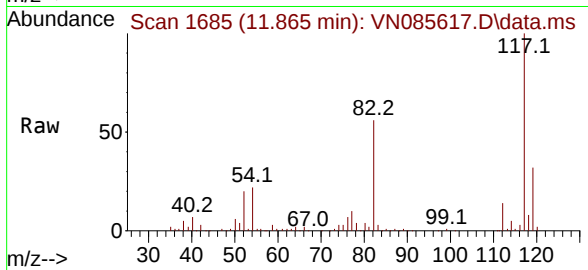




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

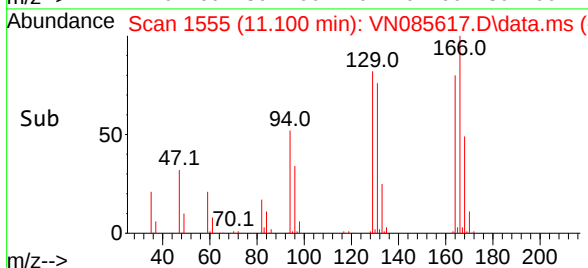
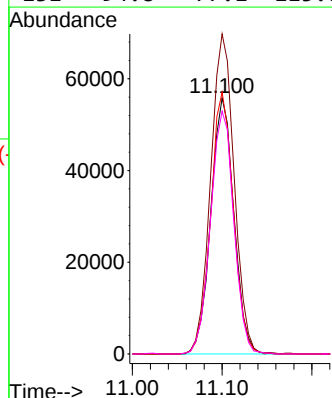
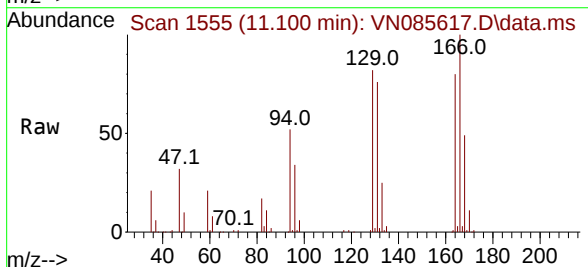
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

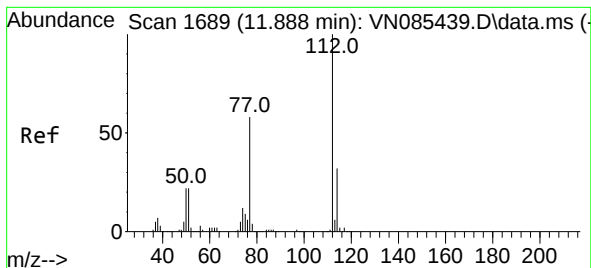
Tgt Ion:117 Resp: 301323
Ion Ratio Lower Upper
117 100
82 55.7 48.6 72.8
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 48.451 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion:164 Resp: 99530
Ion Ratio Lower Upper
164 100
166 125.0 103.4 155.2
129 102.2 79.2 118.8
131 94.8 77.1 115.7





#65

Chlorobenzene

Concen: 50.273 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

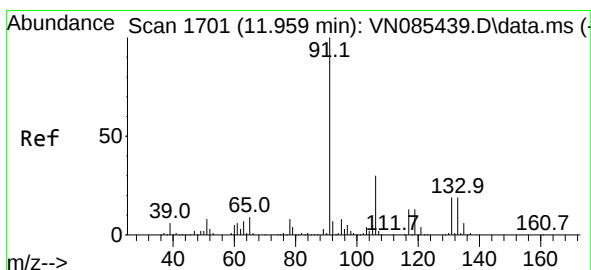
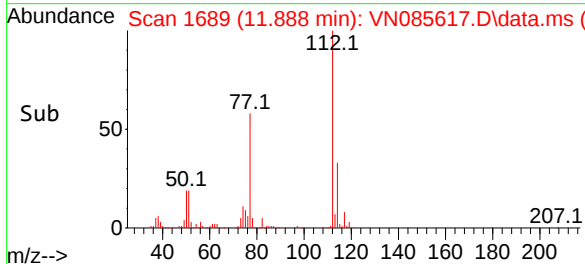
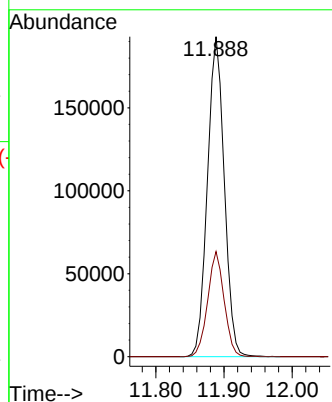
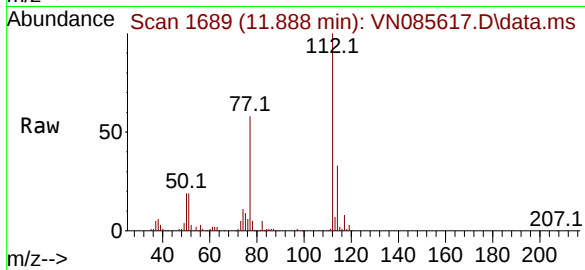
VSTDCCC050

Tgt Ion:112 Resp: 331849

Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 49.526 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

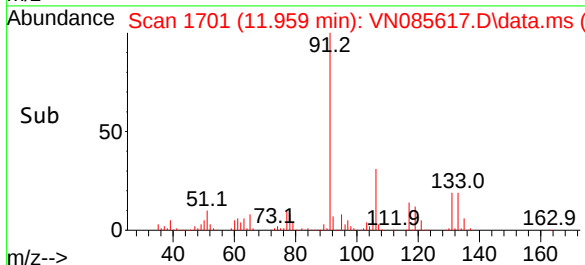
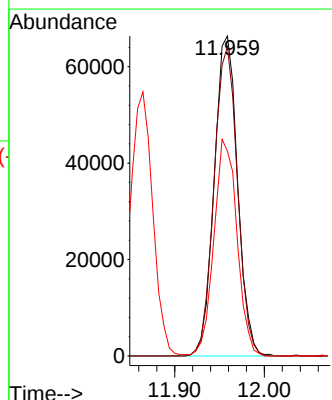
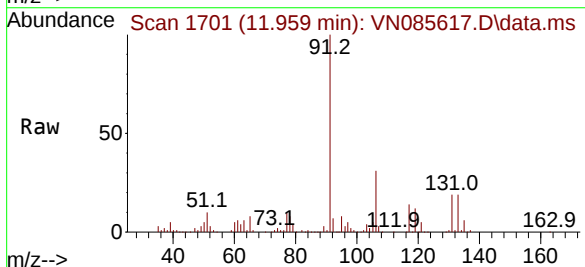
Tgt Ion:131 Resp: 119985

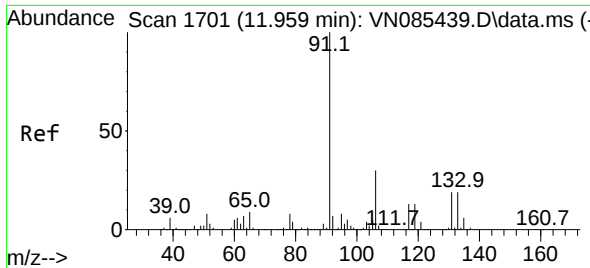
Ion Ratio Lower Upper

131 100

133 96.7 47.4 142.3

119 67.0 33.1 99.5

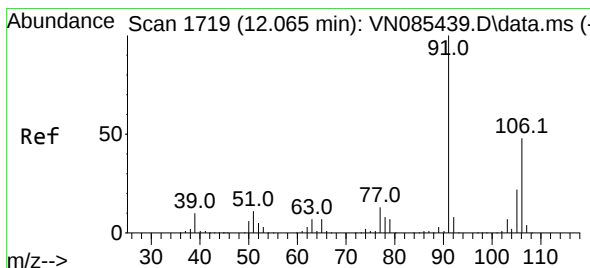
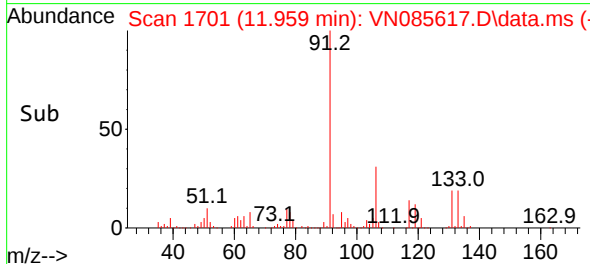
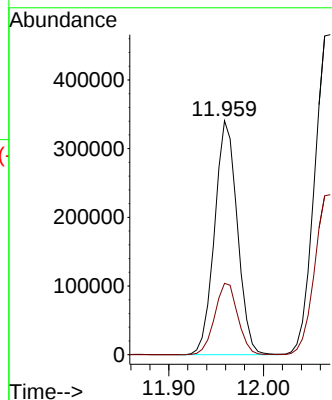
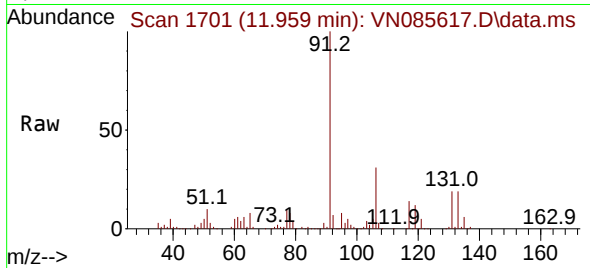




#67
Ethyl Benzene
Concen: 52.793 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

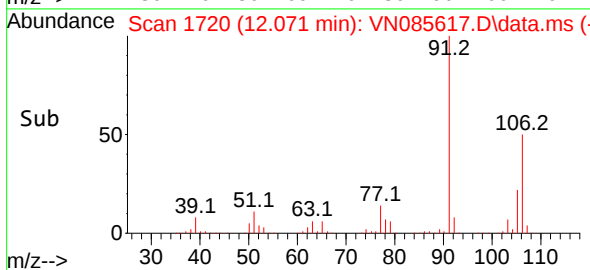
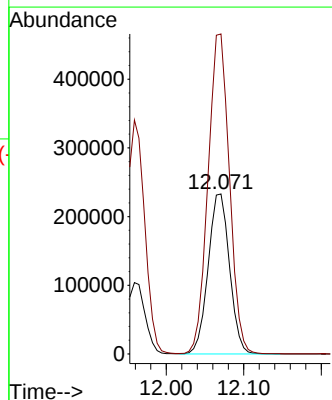
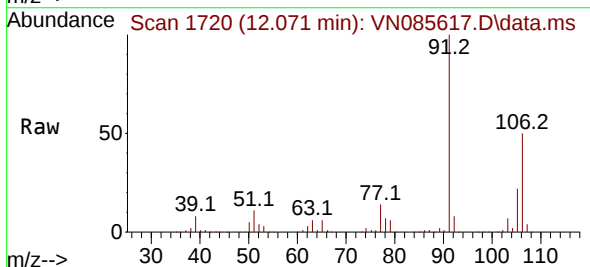
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

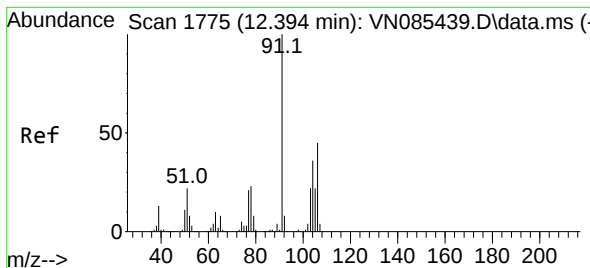
Tgt Ion: 91 Resp: 567591
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 112.274 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion:106 Resp: 446120
Ion Ratio Lower Upper
106 100
91 200.5 167.7 251.5





#69

o-Xylene

Concen: 56.132 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

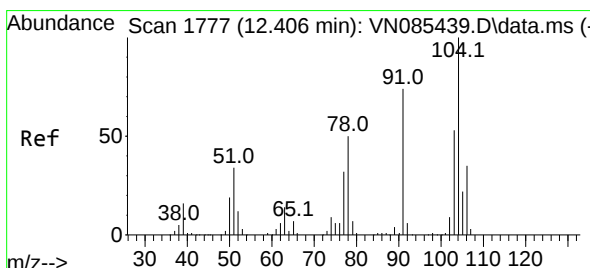
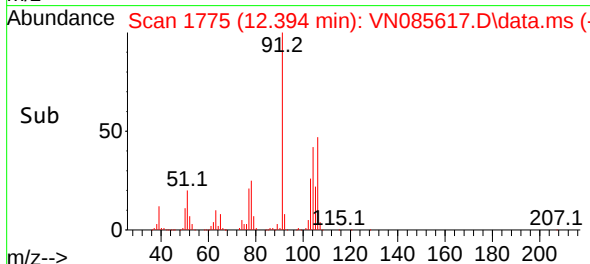
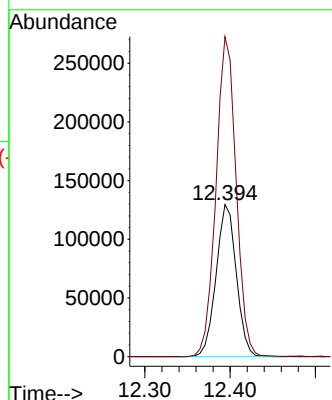
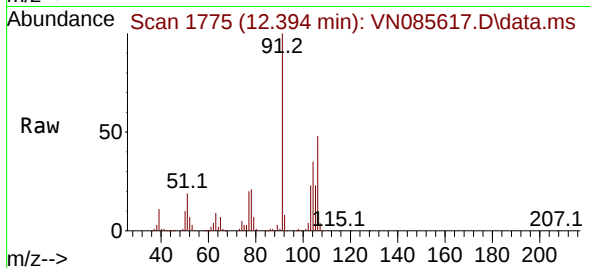
VSTDCCC050

Tgt Ion:106 Resp: 213152

Ion Ratio Lower Upper

106 100

91 210.1 110.4 331.2



#70

Styrene

Concen: 59.204 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

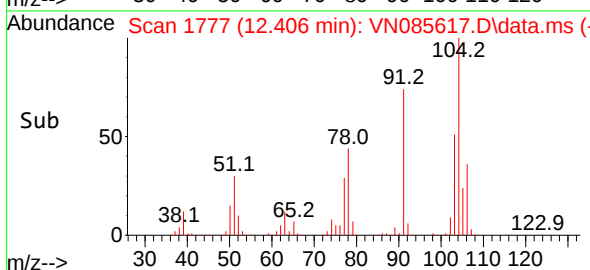
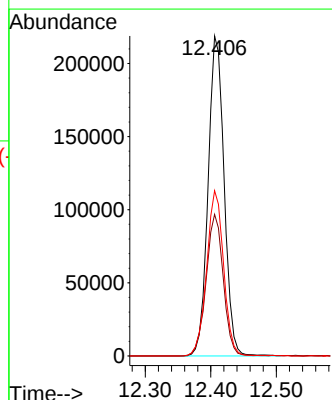
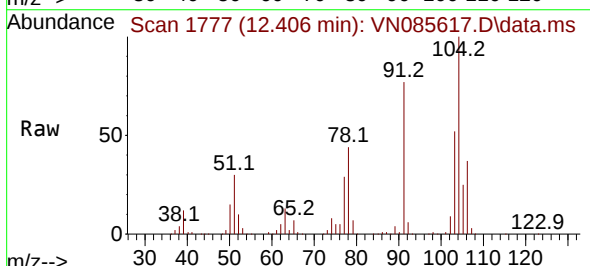
Tgt Ion:104 Resp: 372069

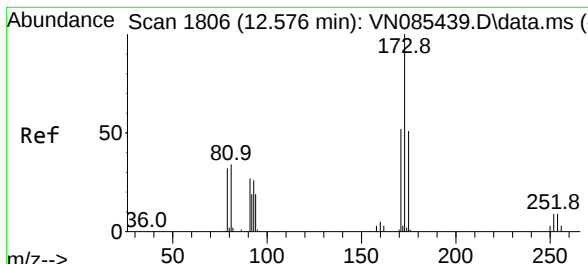
Ion Ratio Lower Upper

104 100

78 47.4 42.5 63.7

103 54.7 43.8 65.8

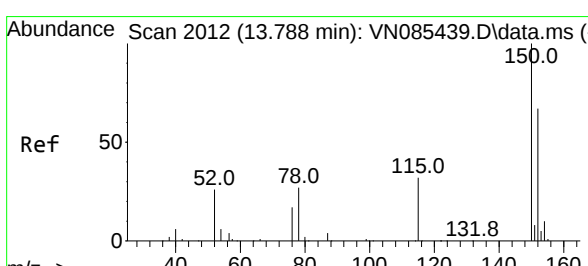
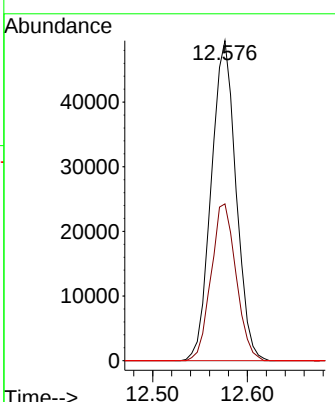
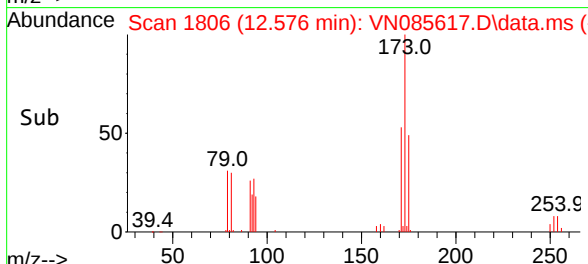
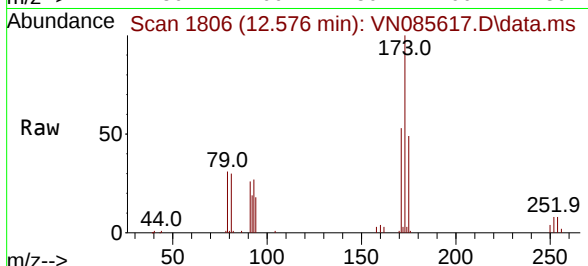




#71
 Bromoform
 Concen: 51.832 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

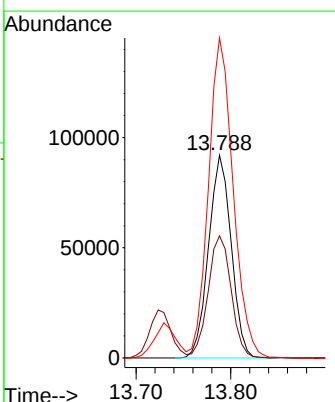
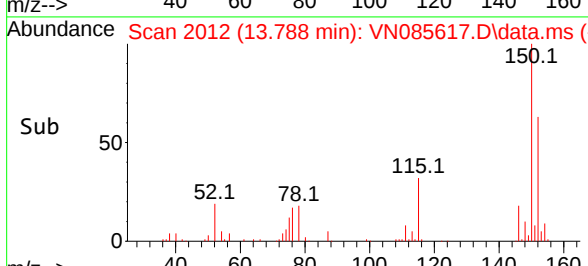
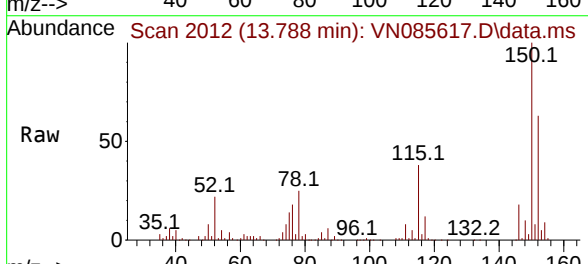
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

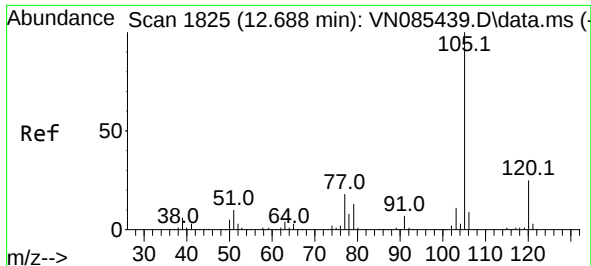
Tgt Ion:	173	Resp:	89849
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.4	73.2
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion:	152	Resp:	152662
Ion Ratio	Lower	Upper	
152	100		
115	61.5	31.1	93.3
150	172.3	0.0	343.6

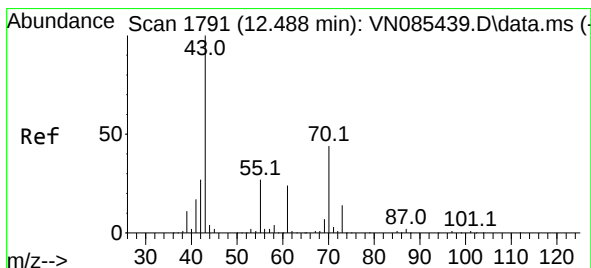
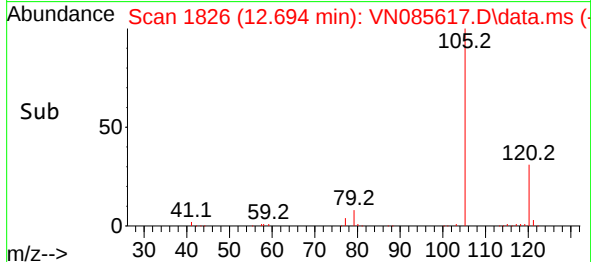
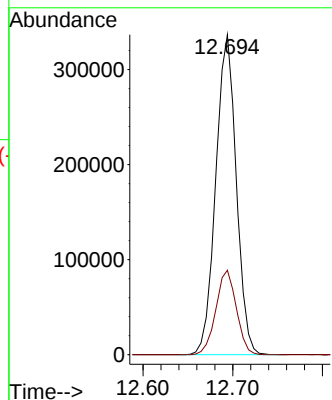
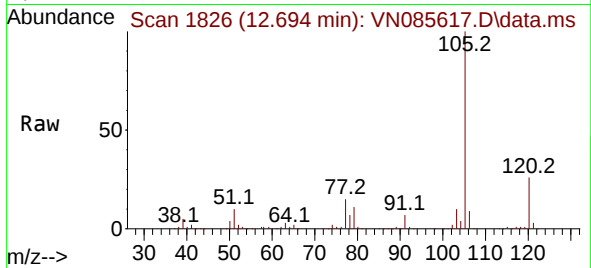




#73
Isopropylbenzene
Concen: 51.773 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

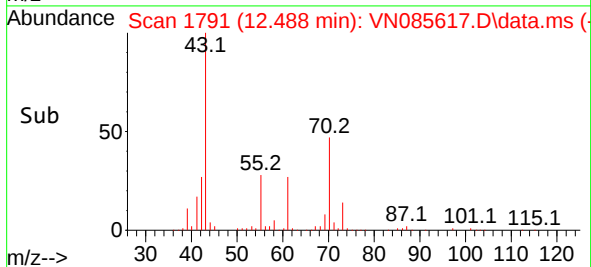
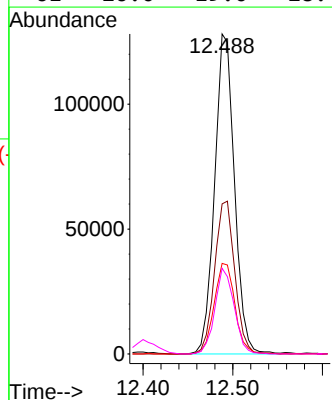
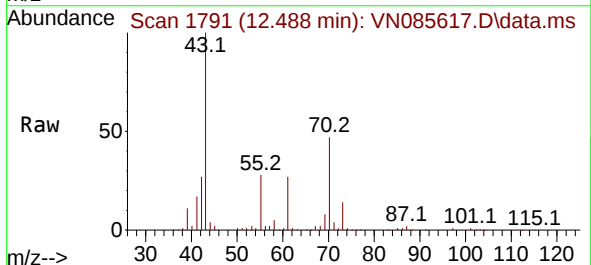
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

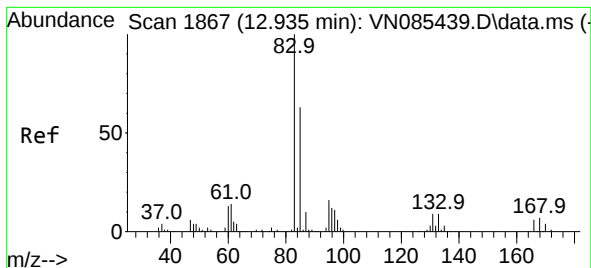
Tgt Ion:105 Resp: 533437
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3



#74
N-ethyl acetate
Concen: 42.452 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 43 Resp: 196603
Ion Ratio Lower Upper
43 100
70 48.7 34.0 51.0
55 29.8 21.4 32.2
61 26.0 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.726 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

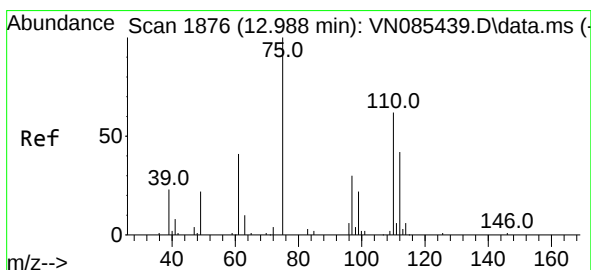
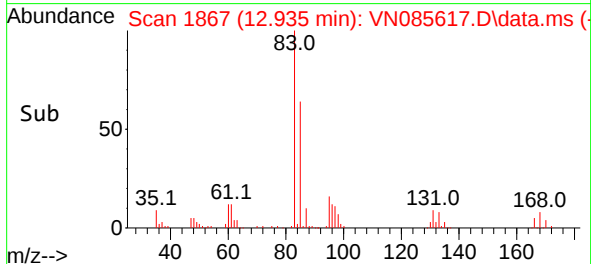
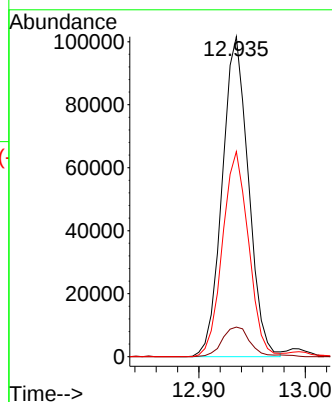
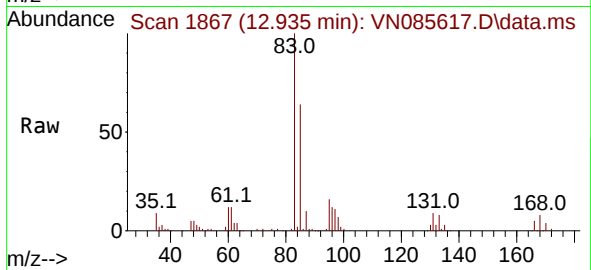
Tgt Ion: 83 Resp: 173703

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.4

85 63.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 48.596 ug/l m

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN085617.D

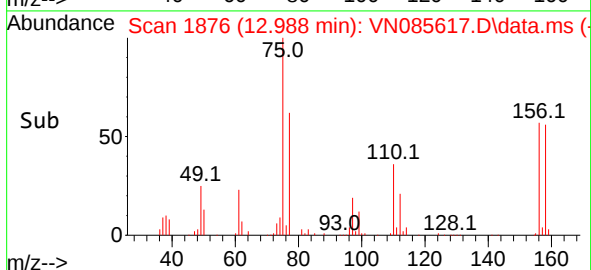
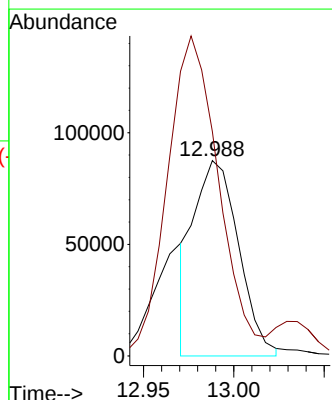
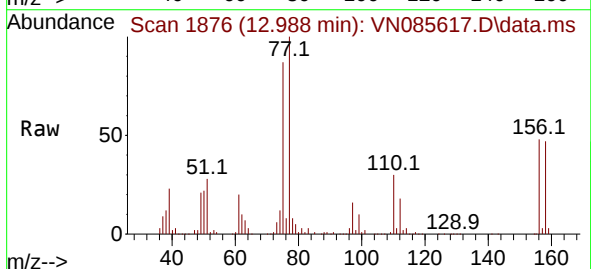
Acq: 03 Feb 2025 12:56

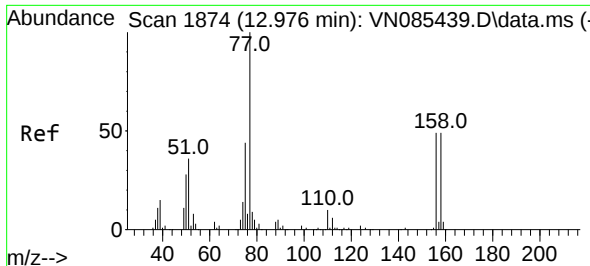
Tgt Ion: 75 Resp: 150787

Ion Ratio Lower Upper

75 100

77 188.8 109.7 329.2

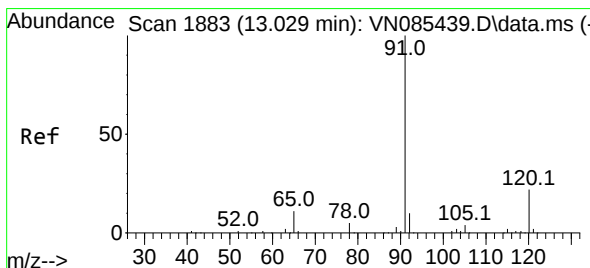
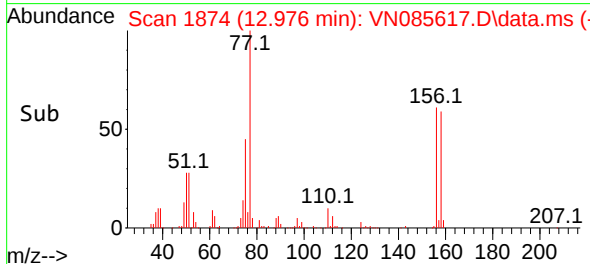
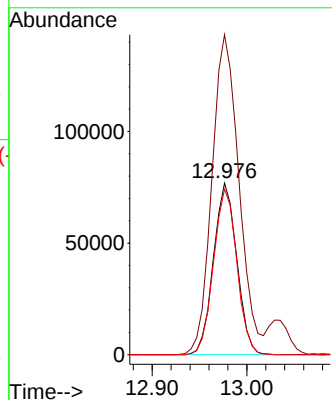
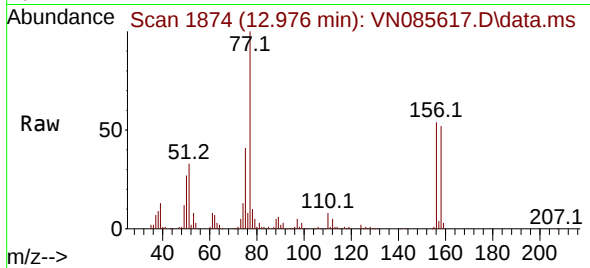




#77
Bromobenzene
Concen: 48.837 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

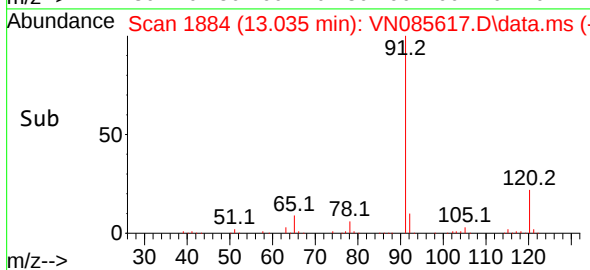
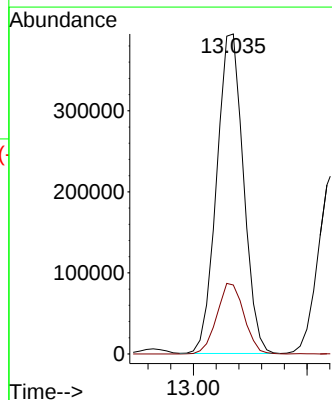
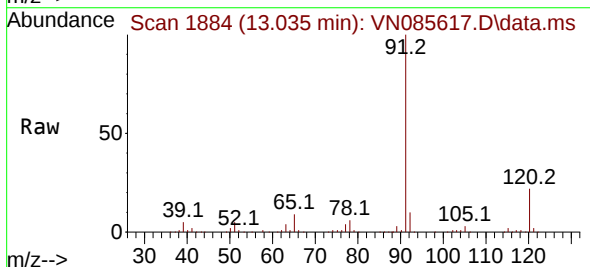
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

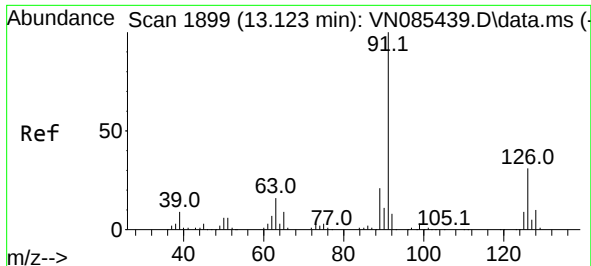
Tgt Ion:156 Resp: 131464
Ion Ratio Lower Upper
156 100
77 216.6 114.1 342.4
158 96.2 48.9 146.8



#78
n-propylbenzene
Concen: 53.002 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 91 Resp: 646489
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6

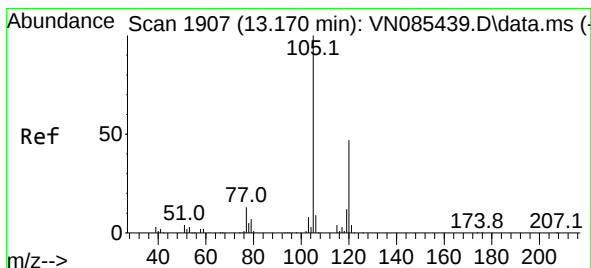
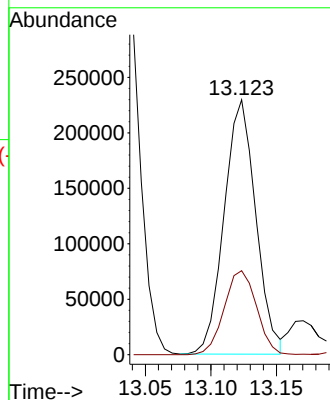
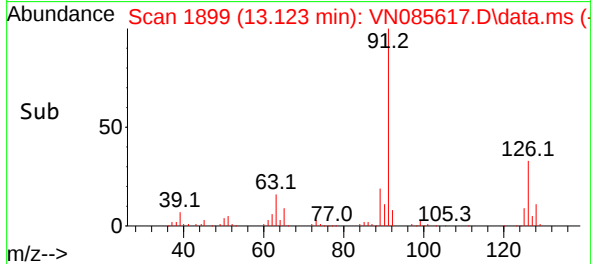
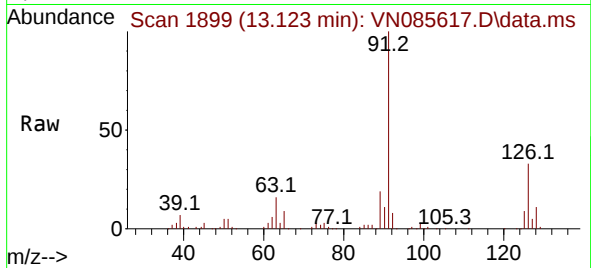




#79
2-Chlorotoluene
Concen: 48.821 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

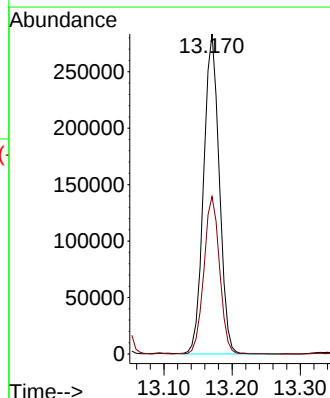
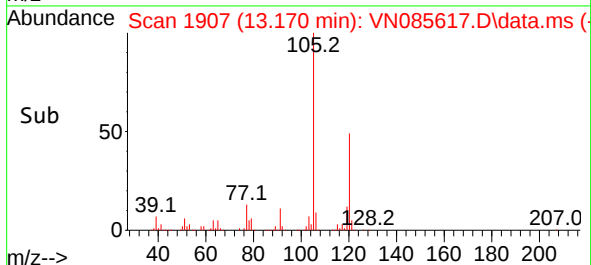
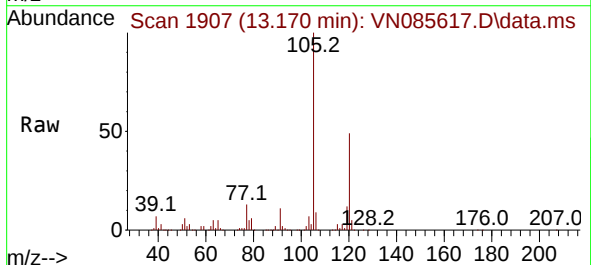
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

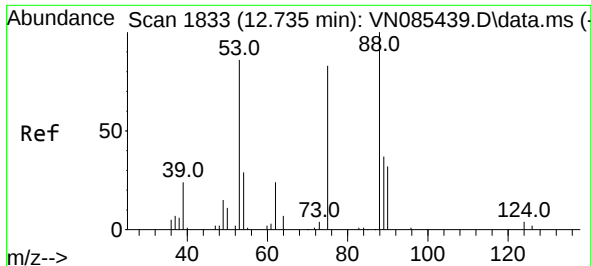
Tgt Ion: 91 Resp: 385400
Ion Ratio Lower Upper
91 100
126 33.8 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 53.197 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 105 Resp: 452745
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

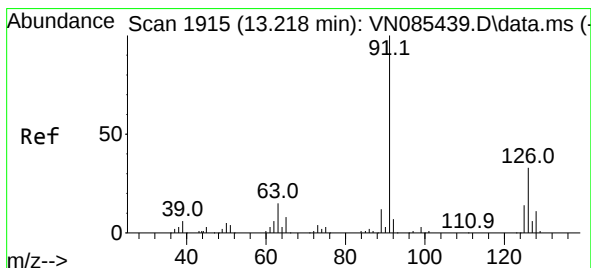
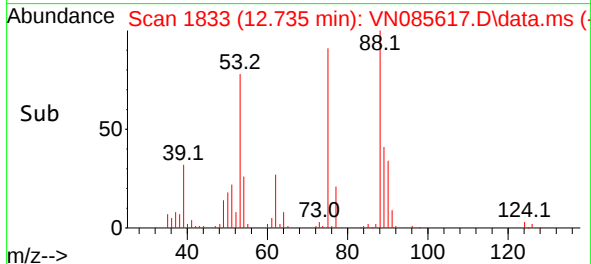
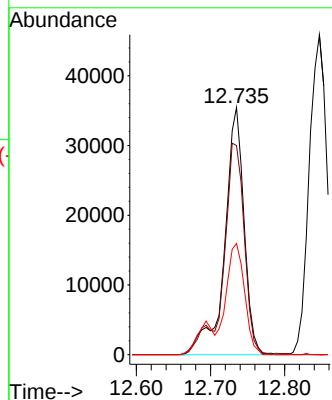
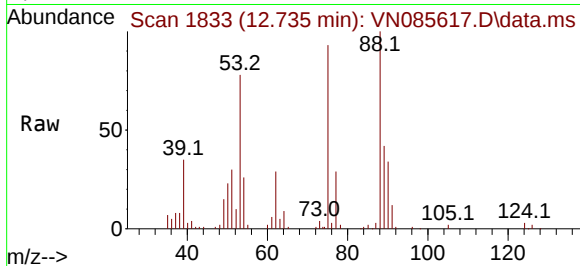




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.354 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

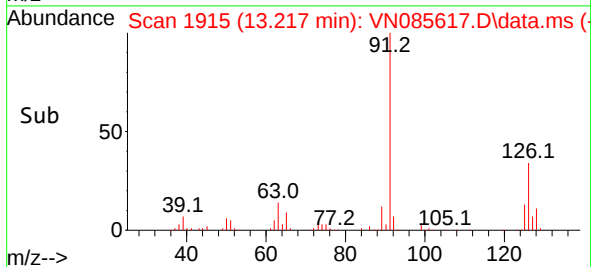
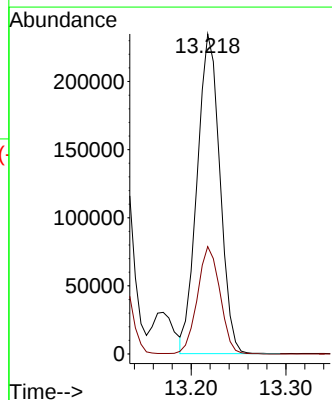
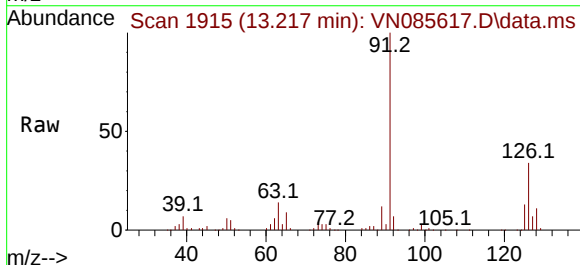
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 64630
 Ion Ratio Lower Upper
 75 100
 53 80.9 95.6 143.4#
 89 42.8 37.0 55.6



#82
 4-Chlorotoluene
 Concen: 49.770 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion: 91 Resp: 391197
 Ion Ratio Lower Upper
 91 100
 126 33.4 15.9 47.7

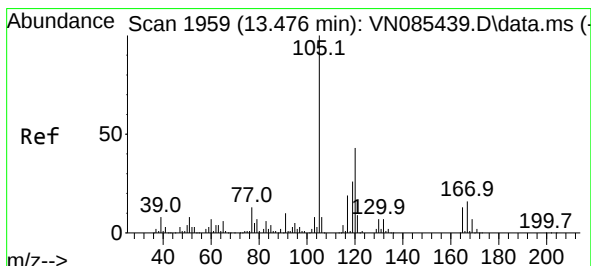
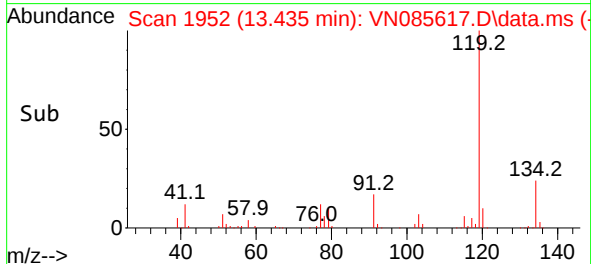
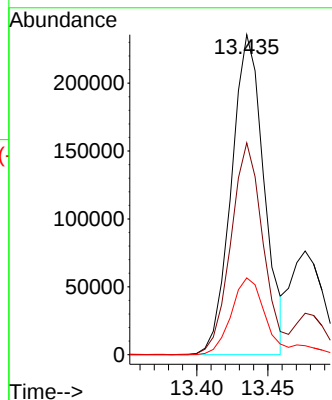
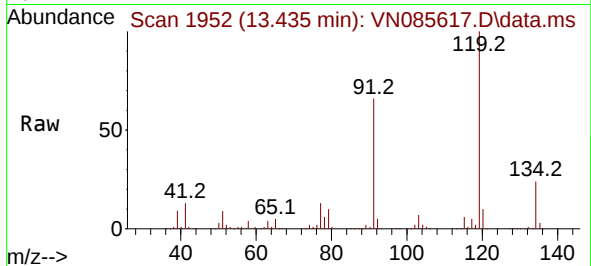




#83
tert-Butylbenzene
Concen: 52.803 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

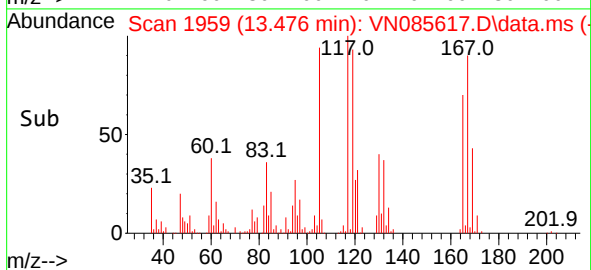
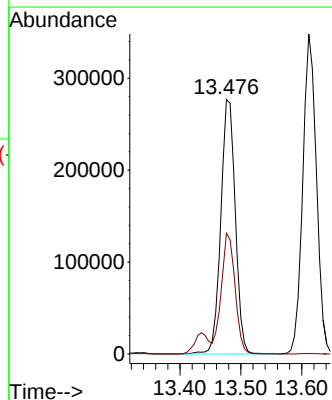
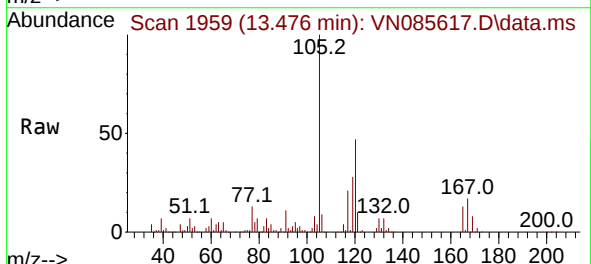
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

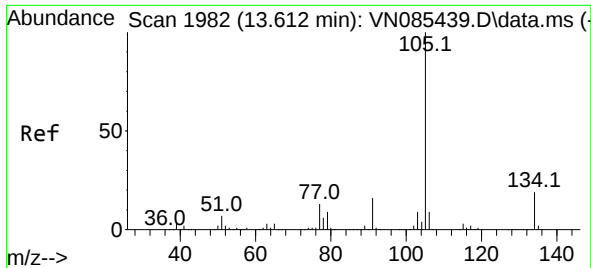
Tgt Ion:119 Resp: 377386
Ion Ratio Lower Upper
119 100
91 65.9 35.1 105.3
134 26.8 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 53.980 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion:105 Resp: 457878
Ion Ratio Lower Upper
105 100
120 44.9 21.6 65.0

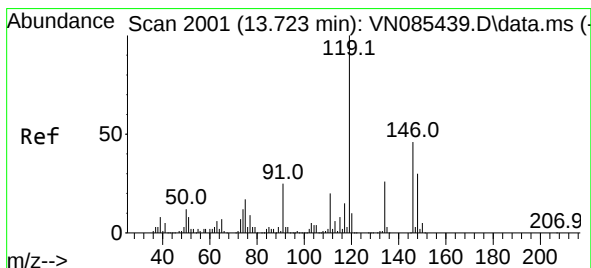
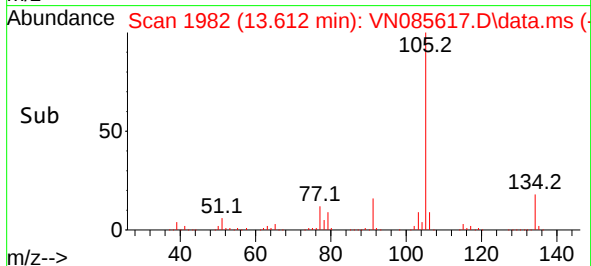
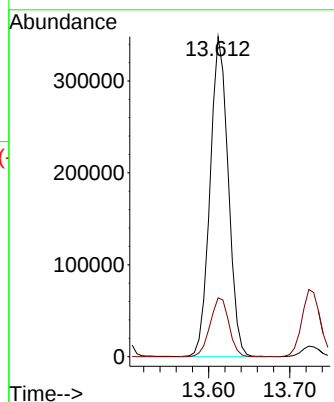
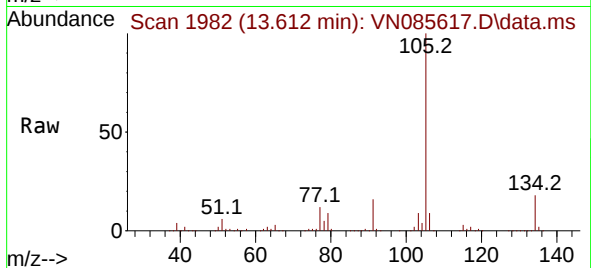




#85
 sec-Butylbenzene
 Concen: 54.590 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

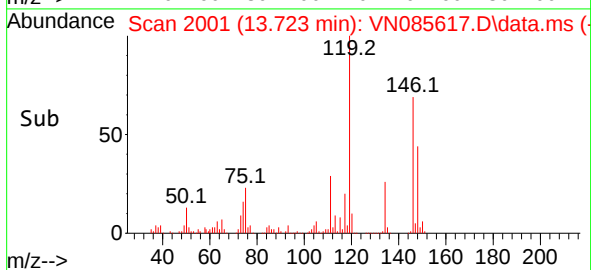
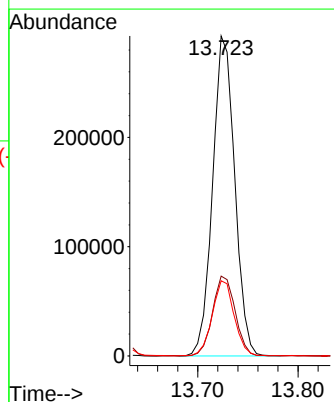
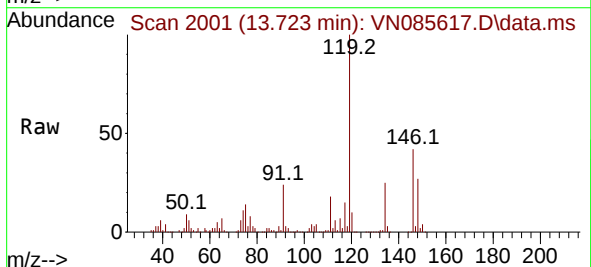
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

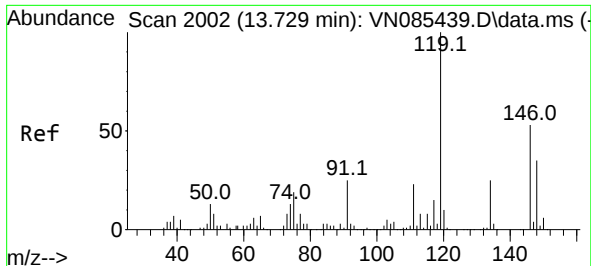
Tgt Ion:105 Resp: 540740
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.266 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion:119 Resp: 448653
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 23.3 12.7 38.1

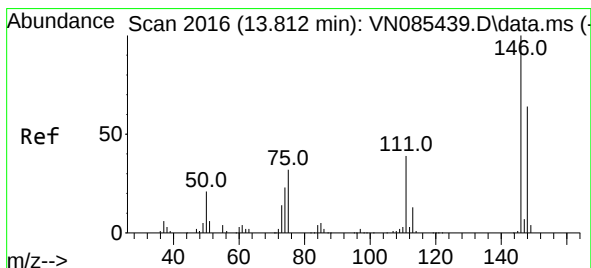
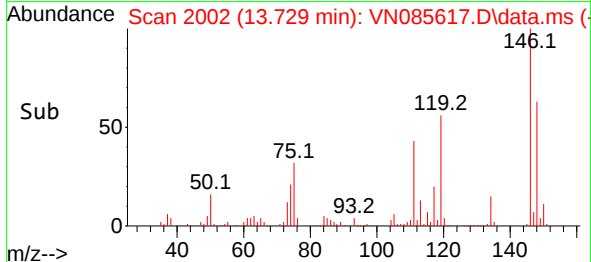
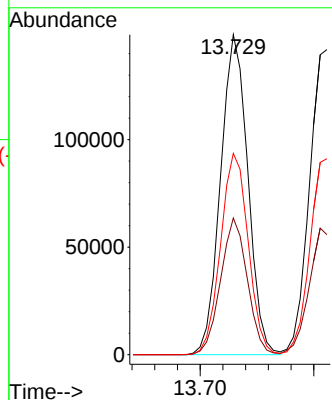
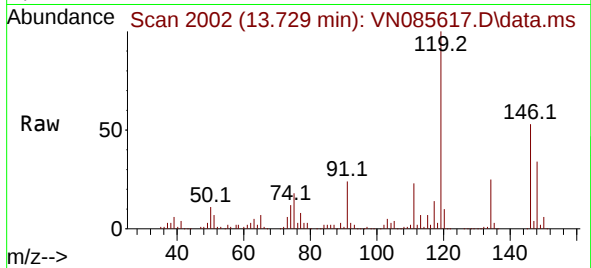




#87
 1,3-Dichlorobenzene
 Concen: 50.109 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

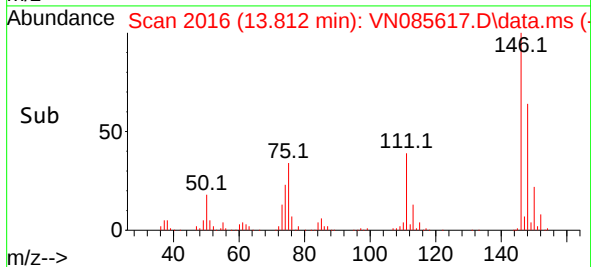
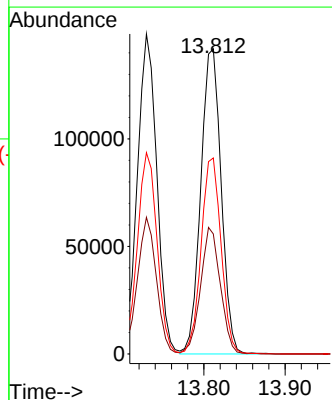
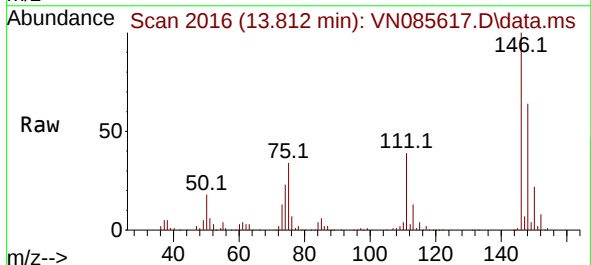
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

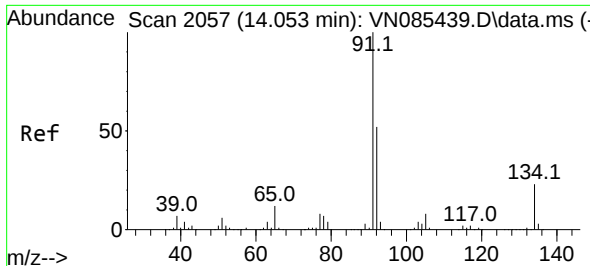
Tgt Ion:146 Resp: 248411
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.4 64.3
 148 63.7 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 48.112 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN085617.D
 Acq: 03 Feb 2025 12:56

Tgt Ion:146 Resp: 247225
 Ion Ratio Lower Upper
 146 100
 111 40.1 21.3 63.7
 148 63.0 32.4 97.0

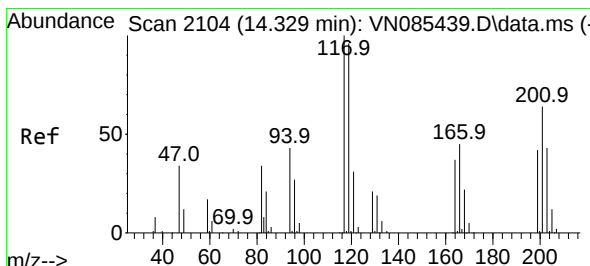
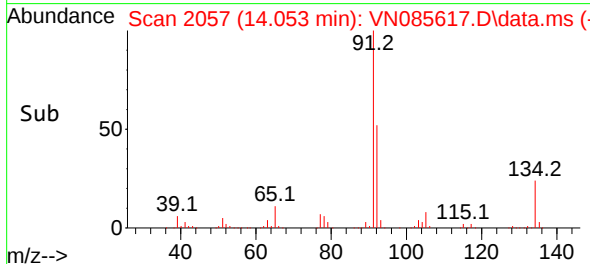
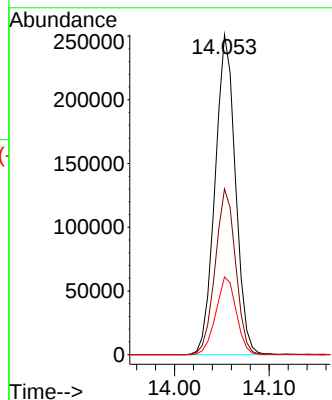
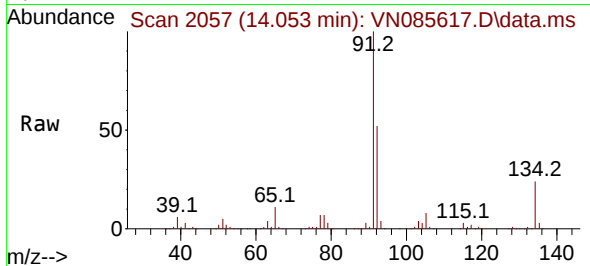




#89
n-Butylbenzene
Concen: 52.792 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

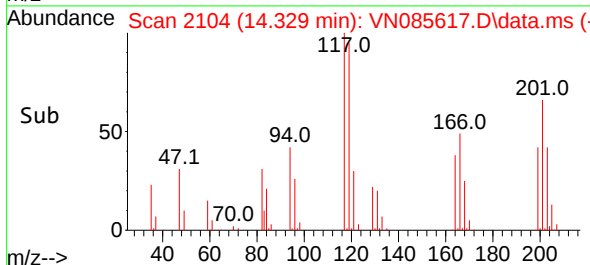
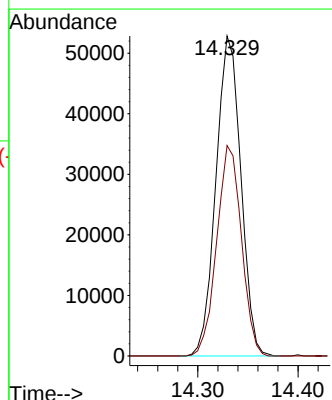
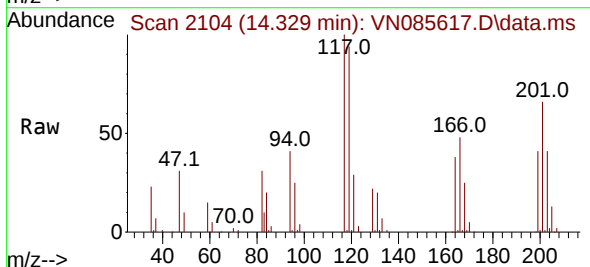
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

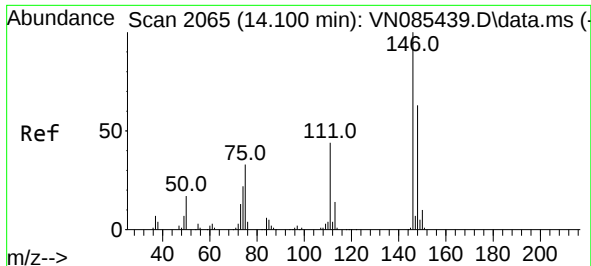
Tgt Ion: 91 Resp: 375157
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 24.4 11.7 35.1



#90
Hexachloroethane
Concen: 48.339 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085617.D
Acq: 03 Feb 2025 12:56

Tgt Ion: 117 Resp: 91155
Ion Ratio Lower Upper
117 100
201 65.2 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 48.589 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

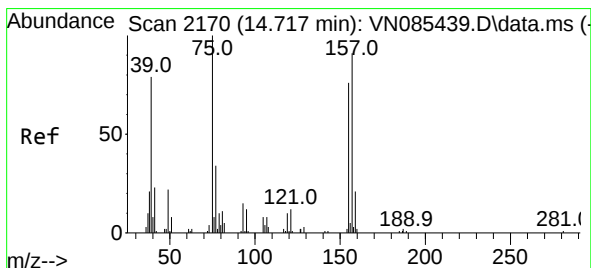
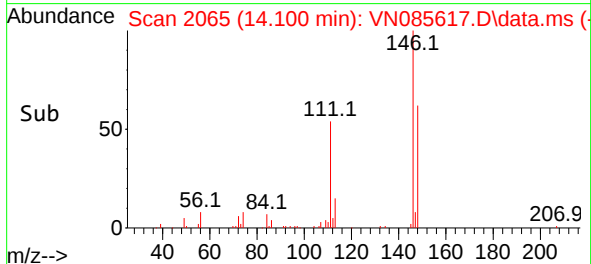
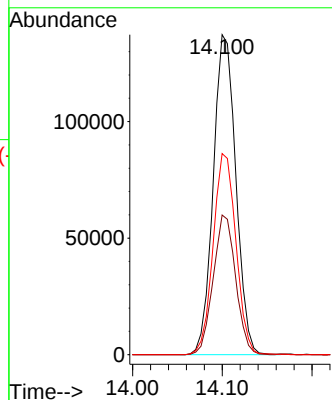
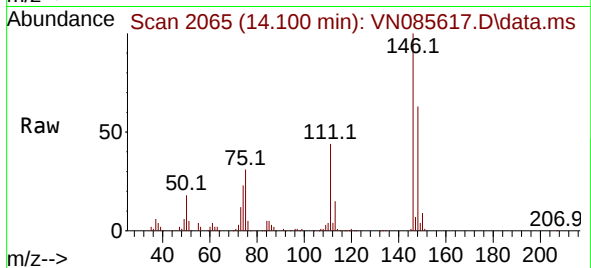
Tgt Ion:146 Resp: 240267

Ion Ratio Lower Upper

146 100

111 43.3 21.7 65.1

148 63.4 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.867 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

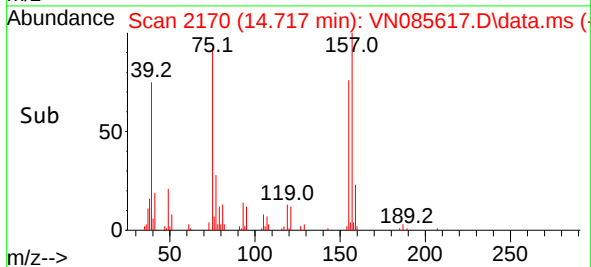
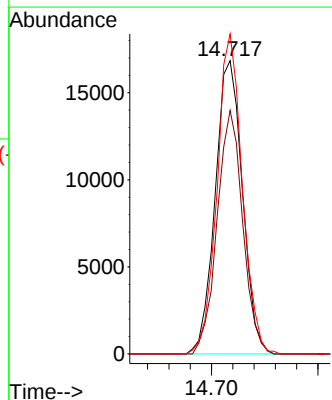
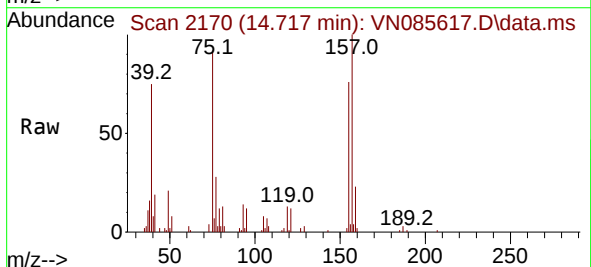
Tgt Ion: 75 Resp: 29819

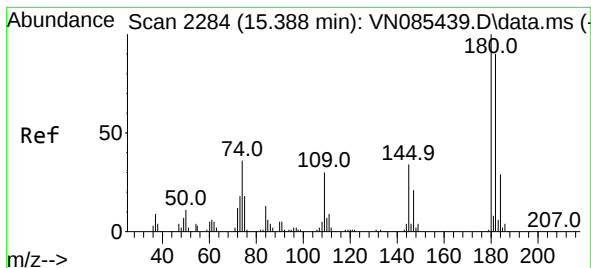
Ion Ratio Lower Upper

75 100

155 78.2 36.4 109.2

157 101.3 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 48.782 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

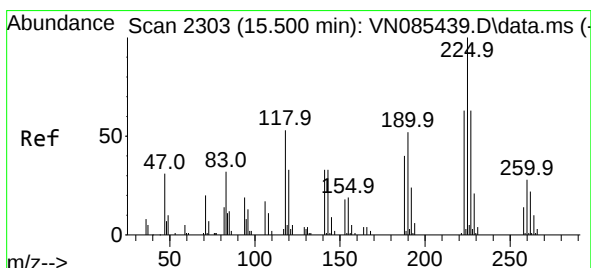
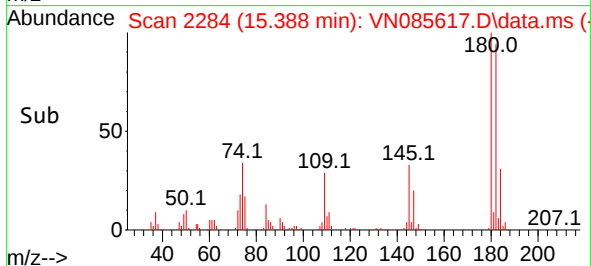
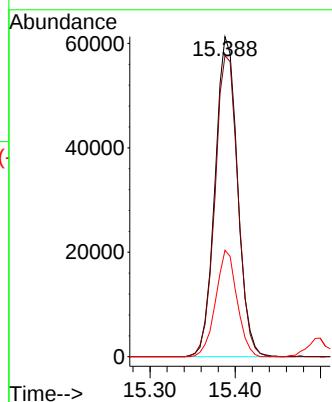
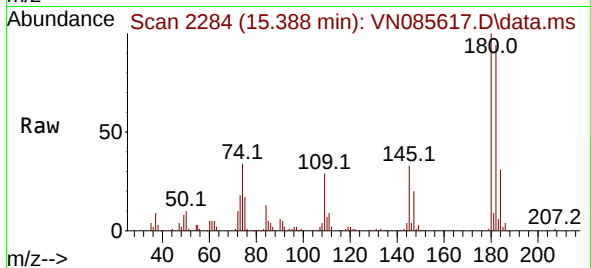
Tgt Ion:180 Resp: 112114

Ion Ratio Lower Upper

180 100

182 96.0 46.8 140.3

145 31.6 16.0 48.0



#94

Hexachlorobutadiene

Concen: 44.736 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

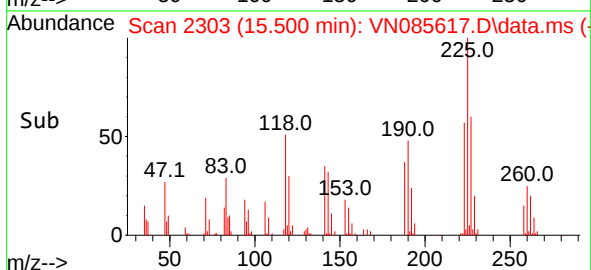
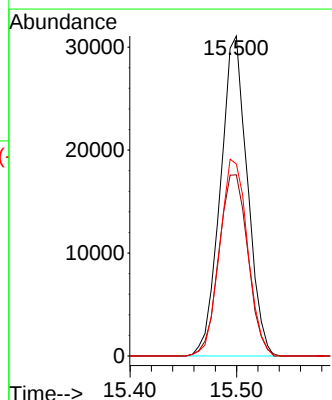
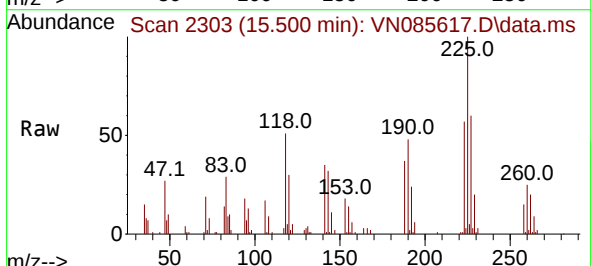
Tgt Ion:225 Resp: 54586

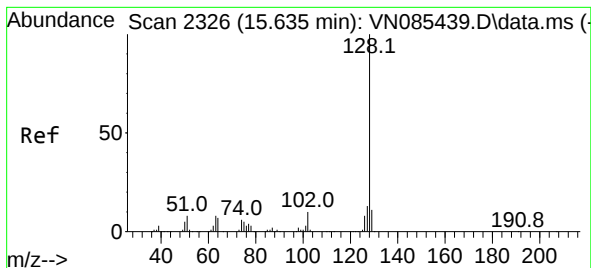
Ion Ratio Lower Upper

225 100

223 61.1 30.7 92.1

227 63.7 30.9 92.5





#95

Naphthalene

Concen: 50.085 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

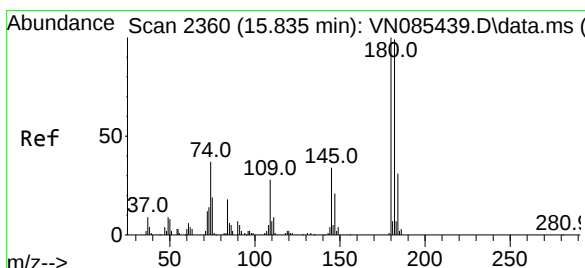
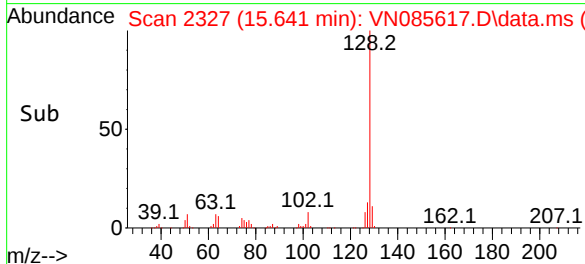
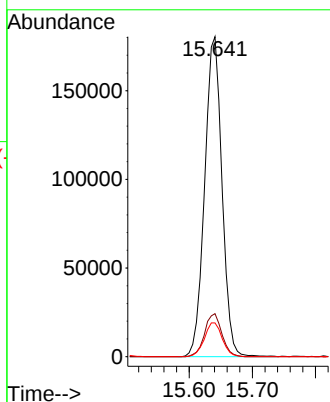
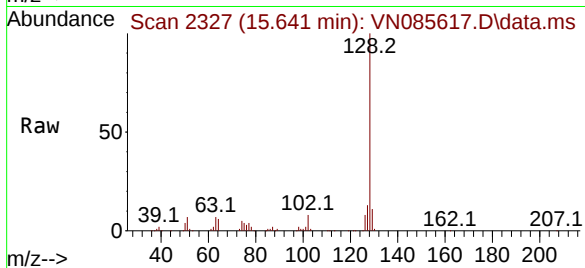
Tgt Ion:128 Resp: 343491

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.450 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Tgt Ion:180 Resp: 112671

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.2

145 33.6 16.9 50.7

