

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087693.D
 Acq On : 29 Aug 2025 12:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 22:51:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	191520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	371305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	364439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	186778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189370	48.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	8.147	113	132581	49.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	10.547	98	493637	49.197	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.829	95	180449	50.570	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	133569	49.104	ug/l	96
3) Chloromethane	2.383	50	140182	50.147	ug/l	99
4) Vinyl Chloride	2.542	62	160234	49.437	ug/l	99
5) Bromomethane	2.959	94	81294	48.610	ug/l	94
6) Chloroethane	3.130	64	111532	48.960	ug/l	93
7) Trichlorofluoromethane	3.506	101	241221	50.798	ug/l	99
8) Diethyl Ether	3.959	74	100251	48.475	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	131090	48.787	ug/l	99
10) Methyl Iodide	4.577	142	81953	42.063	ug/l	92
11) Tert butyl alcohol	5.530	59	168769	247.743	ug/l	99
12) 1,1-Dichloroethene	4.330	96	130974	47.433	ug/l	96
13) Acrolein	4.171	56	195333	233.240	ug/l	98
14) Allyl chloride	5.006	41	216153	43.198	ug/l	98
15) Acrylonitrile	5.706	53	468011	243.601	ug/l	99
16) Acetone	4.418	43	471526	220.740	ug/l	98
17) Carbon Disulfide	4.706	76	335145	44.089	ug/l	97
18) Methyl Acetate	5.018	43	235905	52.745	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	515002	49.718	ug/l	99
20) Methylene Chloride	5.265	84	157286	50.929	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	139263	46.536	ug/l	93
22) Diisopropyl ether	6.659	45	544231	50.400	ug/l	97
23) Vinyl Acetate	6.589	43	2469006	251.323	ug/l	99
24) 1,1-Dichloroethane	6.547	63	283045	47.807	ug/l	98
25) 2-Butanone	7.471	43	672459	239.282	ug/l	99
26) 2,2-Dichloropropane	7.477	77	230378	45.337	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	172078	48.099	ug/l	99
28) Bromochloromethane	7.800	49	141381	49.395	ug/l	98
29) Tetrahydrofuran	7.824	42	443196	245.049	ug/l	99
30) Chloroform	7.947	83	310122	51.319	ug/l	99
31) Cyclohexane	8.241	56	224964	45.579	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	248001	48.426	ug/l	98
36) 1,1-Dichloropropene	8.353	75	191825	46.642	ug/l	98
37) Ethyl Acetate	7.547	43	277772	49.426	ug/l	98
38) Carbon Tetrachloride	8.341	117	199259	49.071	ug/l	98
39) Methylcyclohexane	9.582	83	206436	45.592	ug/l	97
40) Benzene	8.588	78	625252	49.567	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	143104	49.157	ug/l	98
42) 1,2-Dichloroethane	8.653	62	240468	49.608	ug/l	99
43) Isopropyl Acetate	8.671	43	450972	51.398	ug/l	99
44) Trichloroethene	9.330	130	139358	48.389	ug/l	95
45) 1,2-Dichloropropane	9.600	63	165303	49.715	ug/l	99
46) Dibromomethane	9.688	93	118106	49.915	ug/l	99
47) Bromodichloromethane	9.871	83	246706	50.875	ug/l #	99
48) Methyl methacrylate	9.665	41	210762	50.783	ug/l	99
49) 1,4-Dioxane	9.677	88	64059	1190.849	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1405573	265.512	ug/l	100
52) Toluene	10.612	92	387057	49.495	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	251750	50.155	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	261991	50.268	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	156363	51.687	ug/l	95
56) Ethyl methacrylate	10.859	69	259596	53.695	ug/l	98
57) 1,3-Dichloropropane	11.141	76	275782	51.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	706449	269.972	ug/l	100
59) 2-Hexanone	11.177	43	952969	284.835	ug/l	98
60) Dibromochloromethane	11.341	129	182617	52.098	ug/l	100
61) 1,2-Dibromoethane	11.447	107	163845	51.364	ug/l	99
64) Tetrachloroethene	11.082	164	111138	43.955	ug/l	94
65) Chlorobenzene	11.871	112	423617	46.722	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	149687	49.730	ug/l	98
67) Ethyl Benzene	11.941	91	754439	48.059	ug/l	95
68) m/p-Xylenes	12.047	106	564475	98.046	ug/l	100
69) o-Xylene	12.376	106	280558	49.726	ug/l	98
70) Styrene	12.388	104	482243	51.018	ug/l	99
71) Bromoform	12.559	173	119487	51.760	ug/l #	98
73) Isopropylbenzene	12.676	105	708214	46.924	ug/l	100
74) N-amyl acetate	12.500	43	164266	28.719	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.918	83	252067	48.509	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	325083	74.219	ug/l	62
77) Bromobenzene	12.959	156	167164	46.974	ug/l	98
78) n-propylbenzene	13.012	91	885108	47.610	ug/l	99
79) 2-Chlorotoluene	13.100	91	526261	47.040	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	615009	48.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	82671	49.968	ug/l	96
82) 4-Chlorotoluene	13.200	91	550714	46.819	ug/l	97
83) tert-Butylbenzene	13.418	119	510588	47.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	630082	49.159	ug/l	99
85) sec-Butylbenzene	13.594	105	749419	47.332	ug/l	100
86) p-Isopropyltoluene	13.706	119	623474	47.687	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	330379	47.143	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	340358	46.670	ug/l	98
89) n-Butylbenzene	14.035	91	616765	47.499	ug/l	99
90) Hexachloroethane	14.312	117	121377	48.729	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	316654	47.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	57942	46.940	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	186005	46.590	ug/l	98
94) Hexachlorobutadiene	15.476	225	64636	45.412	ug/l	99
95) Naphthalene	15.617	128	676040	47.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	180020	46.124	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

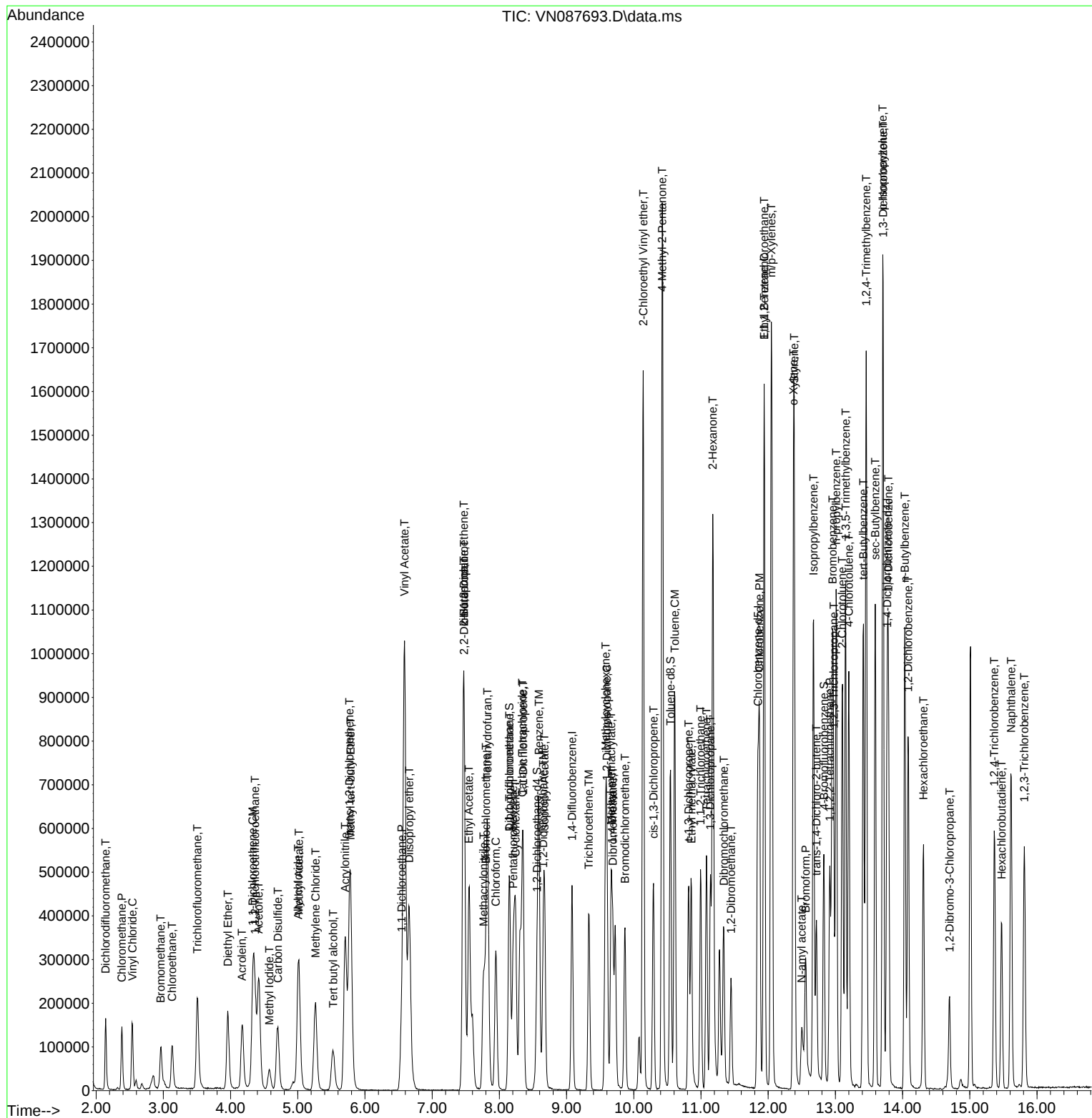
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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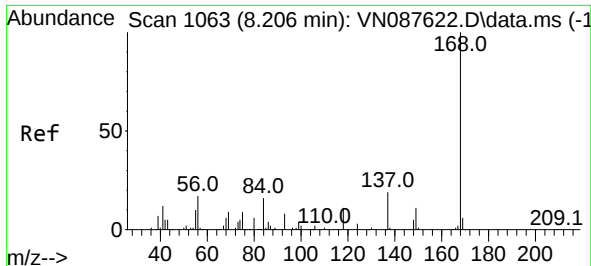
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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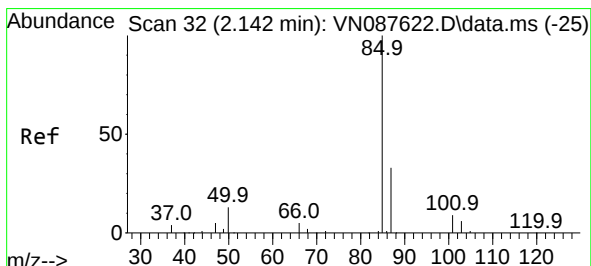
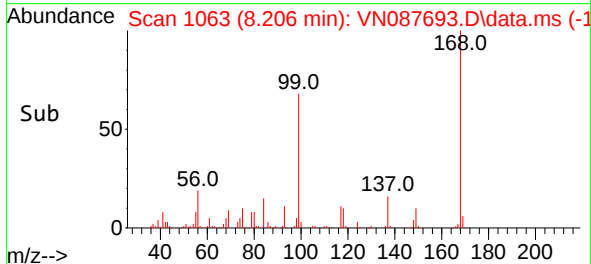
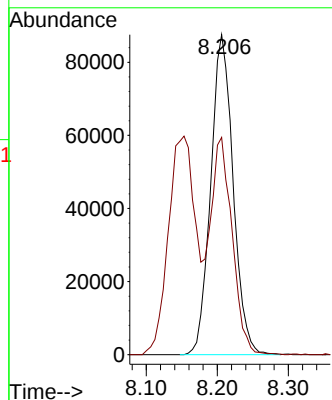
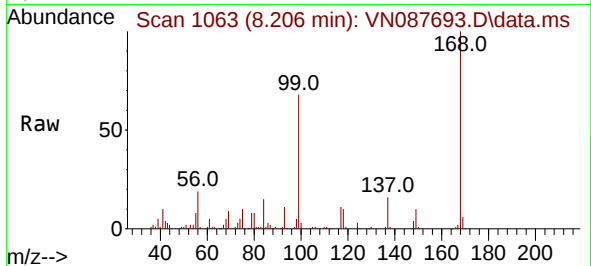




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087693.D
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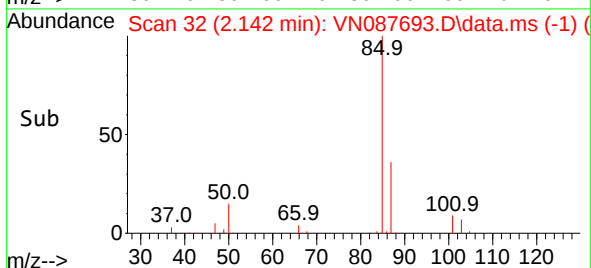
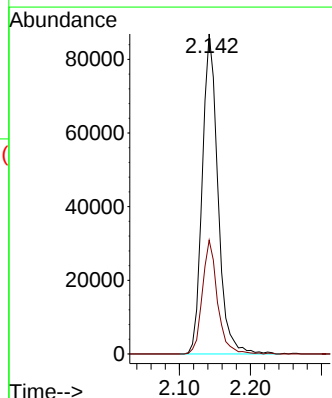
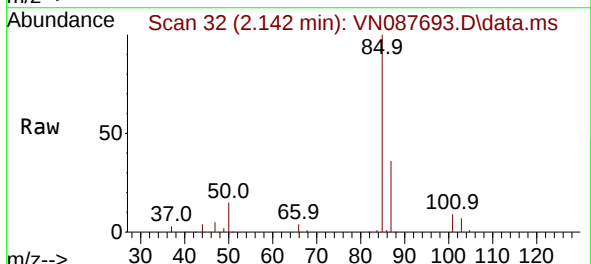
Instrument :
MSVOA_N
ClientSampleId :
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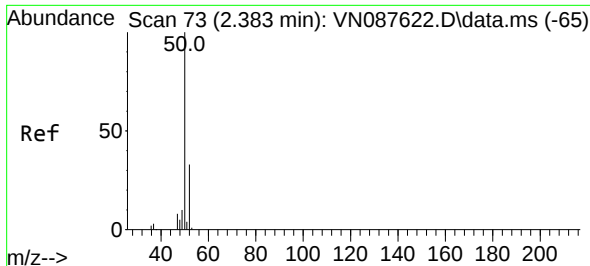
Tgt Ion:168 Resp: 191520
Ion Ratio Lower Upper
168 100
99 67.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 49.104 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 85 Resp: 133569
Ion Ratio Lower Upper
85 100
87 35.5 16.6 49.8

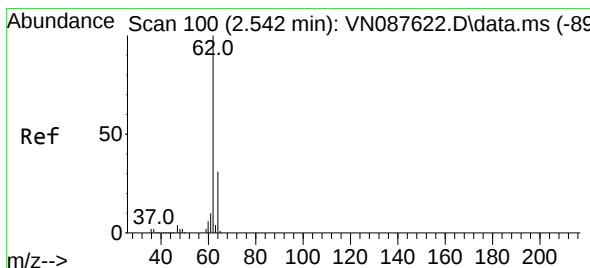
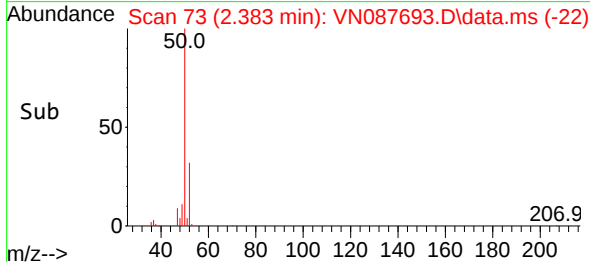
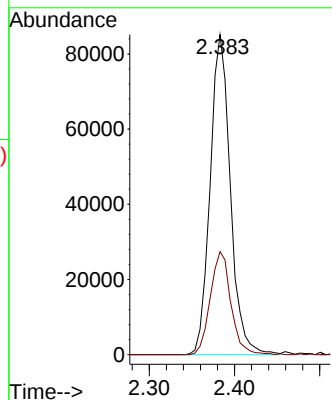
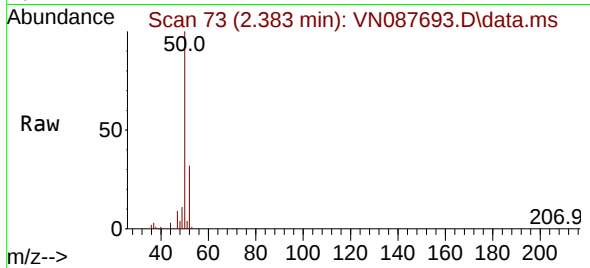




#3
Chloromethane
Concen: 50.147 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

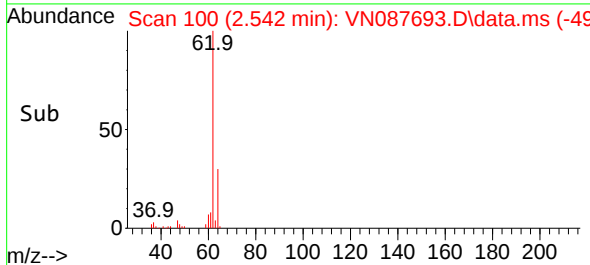
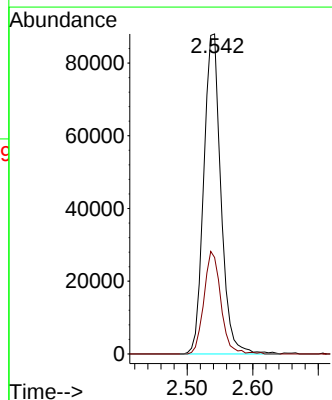
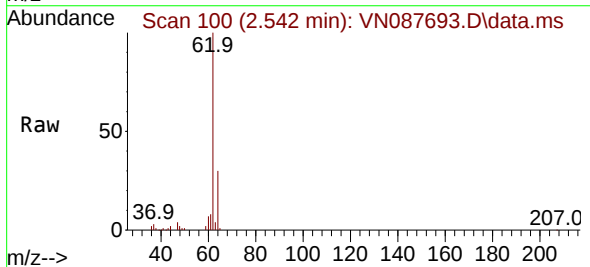
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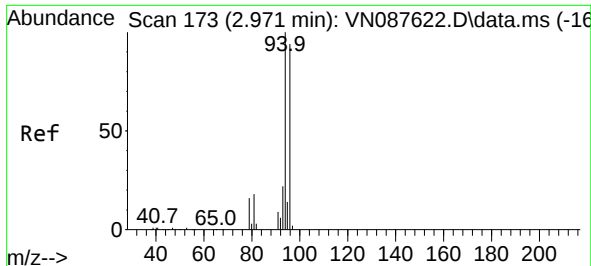
Tgt Ion: 50 Resp: 140182
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4



#4
Vinyl Chloride
Concen: 49.437 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 62 Resp: 160234
Ion Ratio Lower Upper
62 100
64 30.2 24.6 37.0

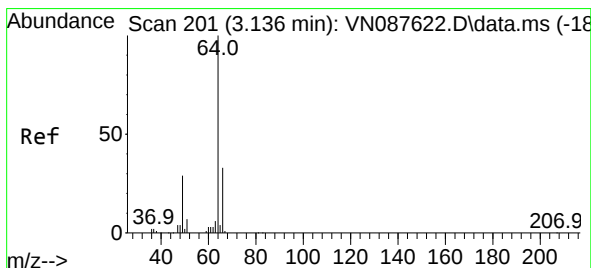
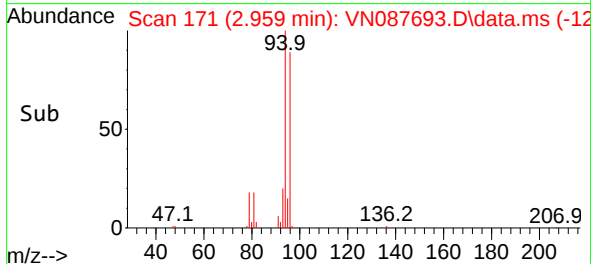
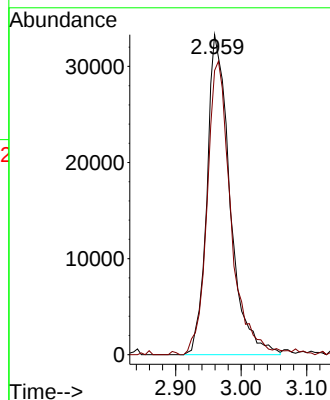
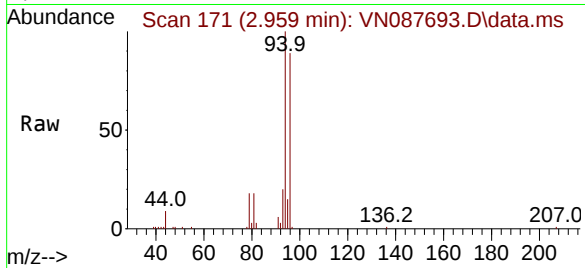




#5
Bromomethane
Concen: 48.610 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087693.D
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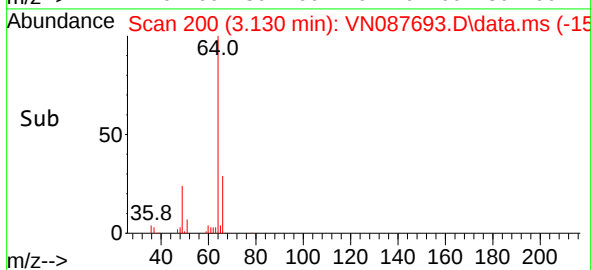
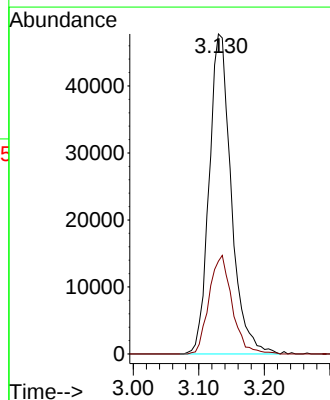
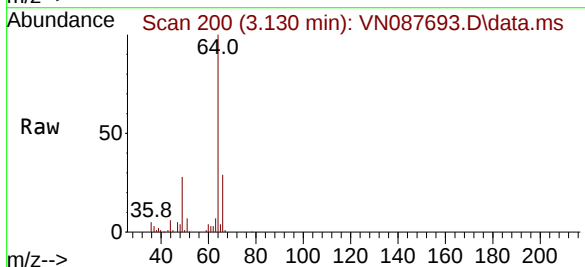
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Tgt Ion: 94 Resp: 81294
Ion Ratio Lower Upper
94 100
96 88.8 75.4 113.2



#6
Chloroethane
Concen: 48.960 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 64 Resp: 111532
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.2

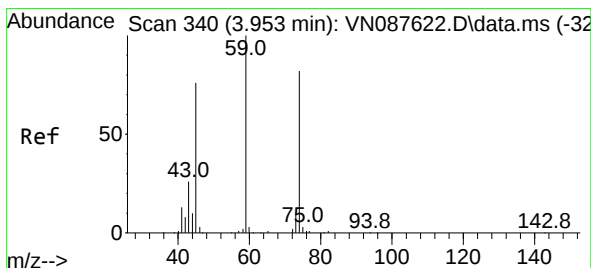
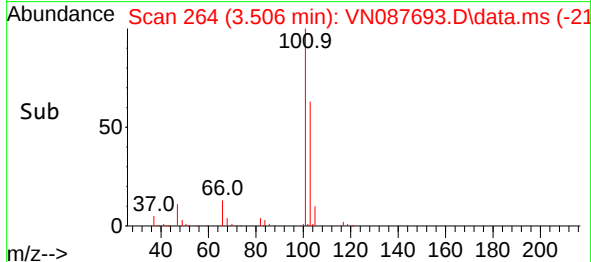
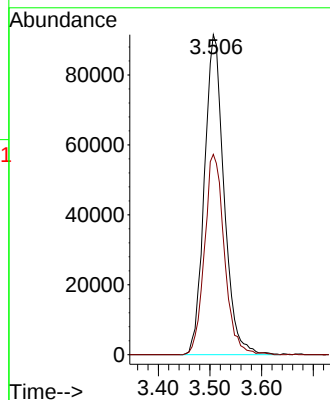
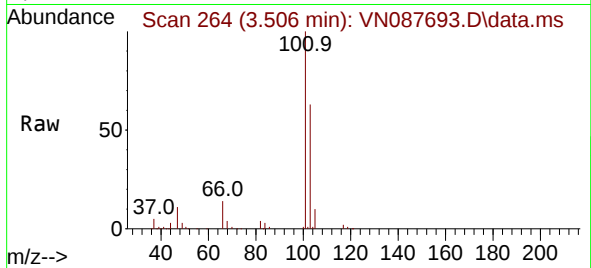




#7
 Trichlorofluoromethane
 Concen: 50.798 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

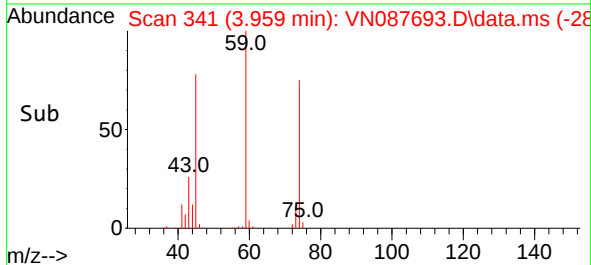
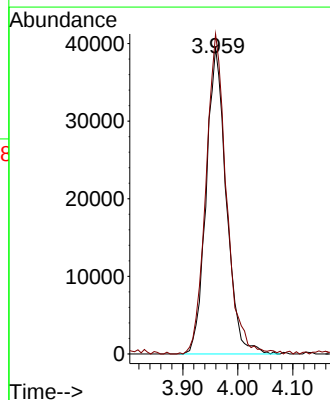
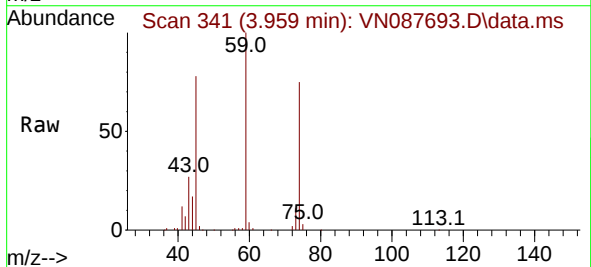
Instrument :
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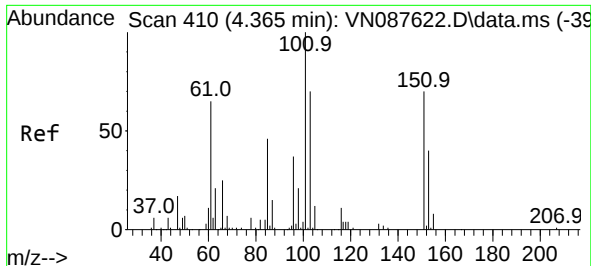
Tgt Ion:101 Resp: 241221
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.4 74.0



#8
 Diethyl Ether
 Concen: 48.475 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087693.D
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Tgt Ion: 74 Resp: 100251
 Ion Ratio Lower Upper
 74 100
 45 107.0 50.6 151.9

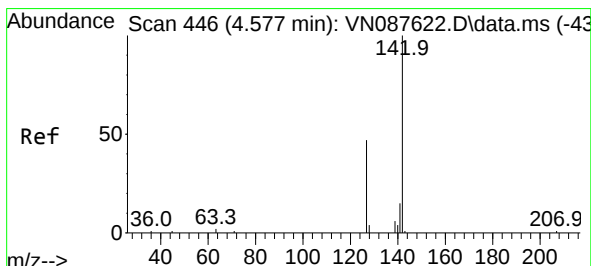
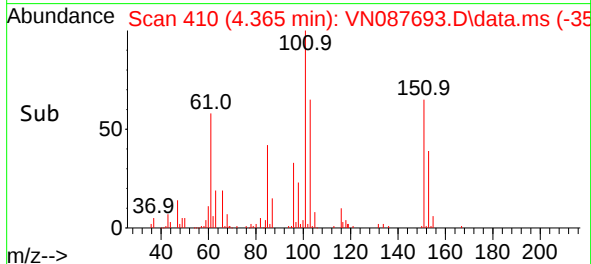
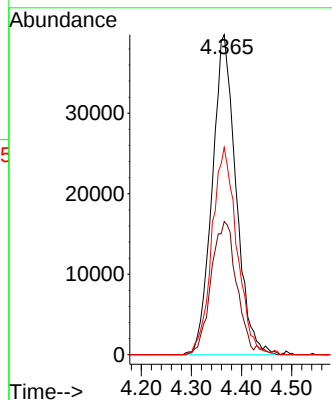
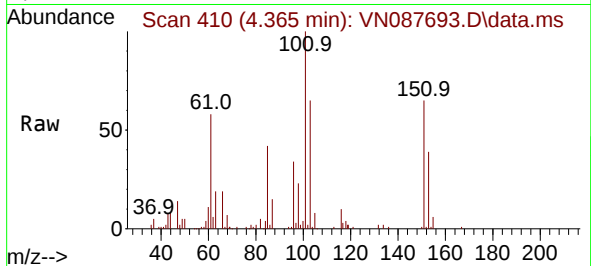




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.787 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

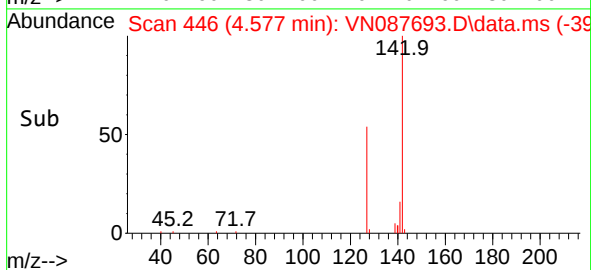
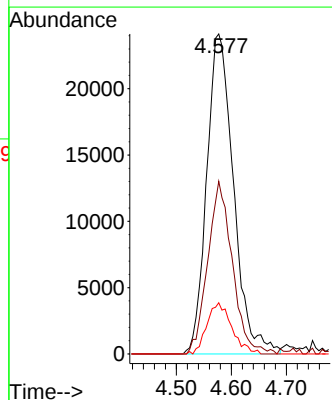
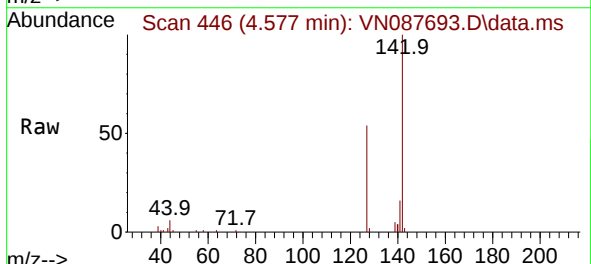
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

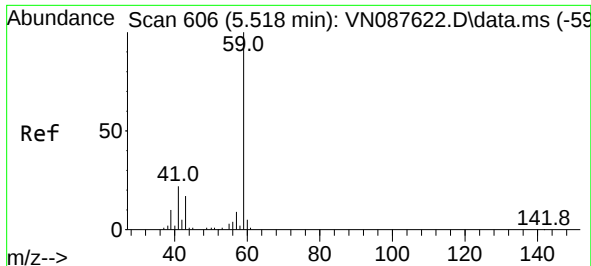
Tgt Ion:101 Resp: 131090
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 67.9 54.7 82.1



#10
Methyl Iodide
Concen: 42.063 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:142 Resp: 81953
Ion Ratio Lower Upper
142 100
127 54.0 38.0 57.0
141 16.0 12.0 18.0

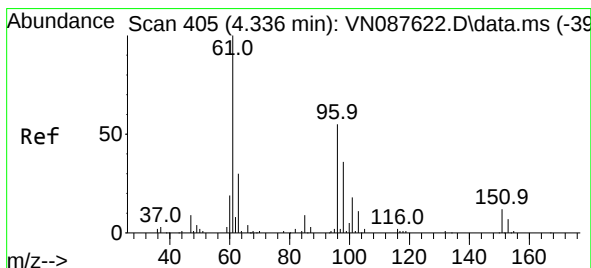
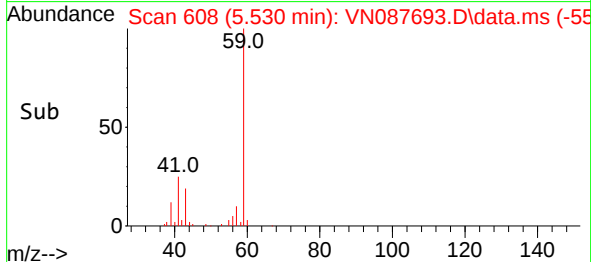
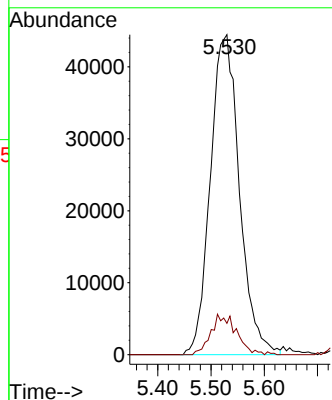
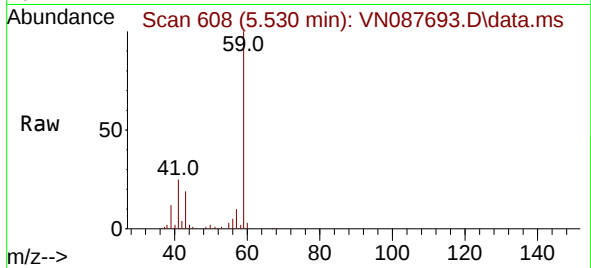




#11
Tert butyl alcohol
Concen: 247.743 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

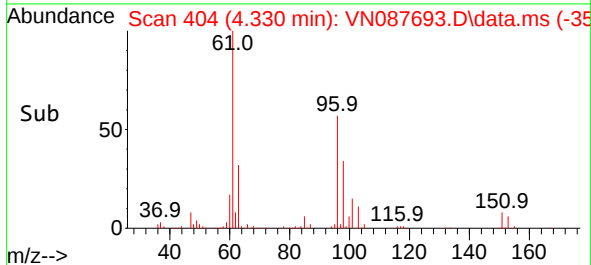
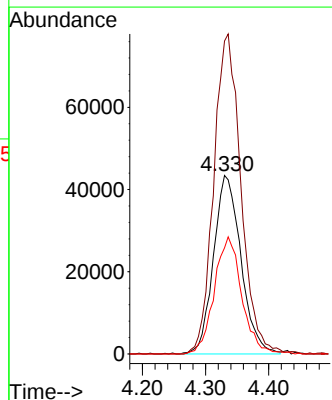
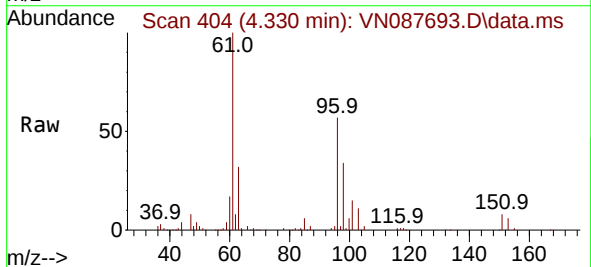
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

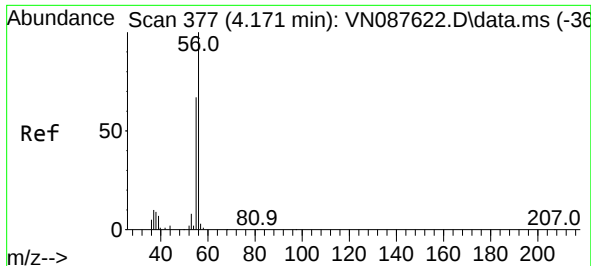
Tgt Ion: 59 Resp: 168769
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 47.433 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 96 Resp: 130974
Ion Ratio Lower Upper
96 100
61 175.3 143.8 215.8
98 59.4 52.1 78.1





#13

Acrolein

Concen: 233.240 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

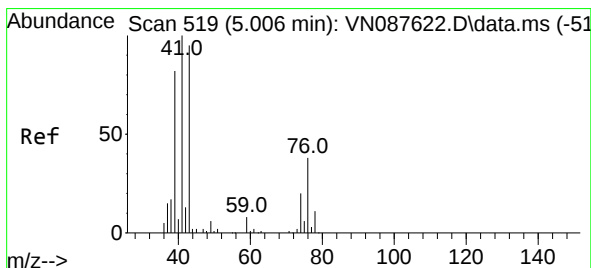
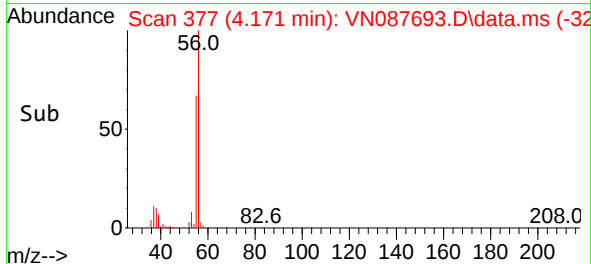
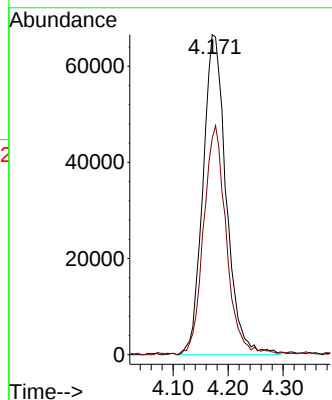
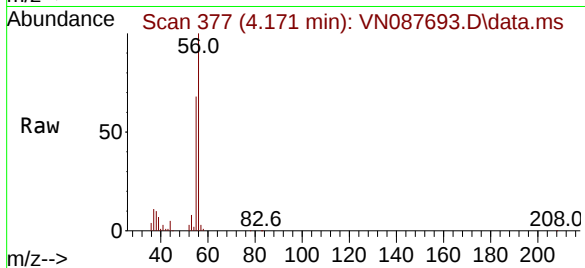
VSTDCCC050

Tgt Ion: 56 Resp: 195333

Ion Ratio Lower Upper

56 100

55 69.6 57.3 85.9



#14

Allyl chloride

Concen: 43.198 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

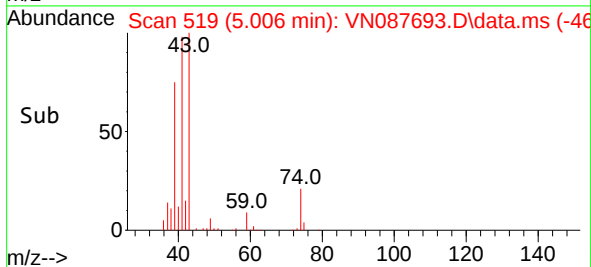
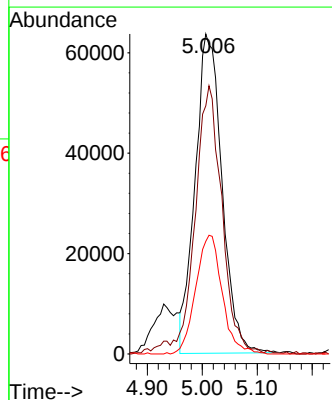
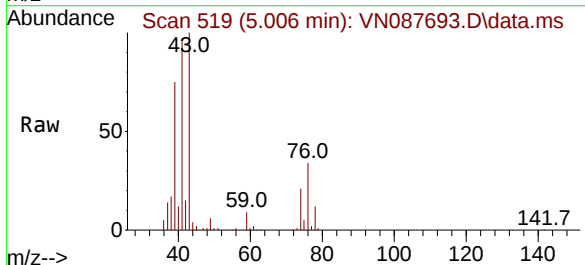
Tgt Ion: 41 Resp: 216153

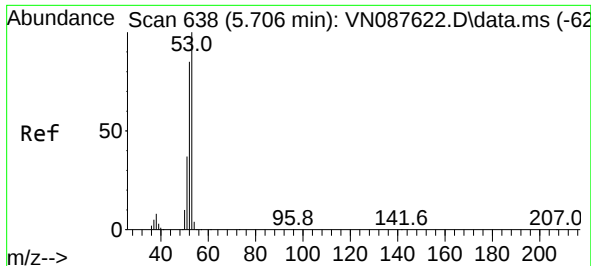
Ion Ratio Lower Upper

41 100

39 81.9 63.9 95.9

76 36.6 28.1 42.1

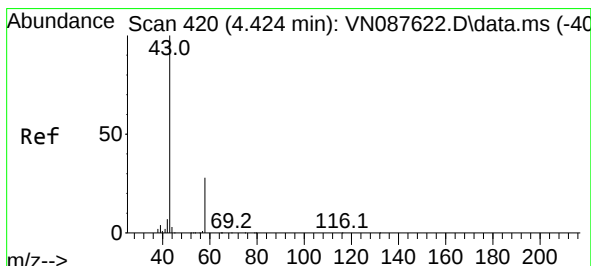
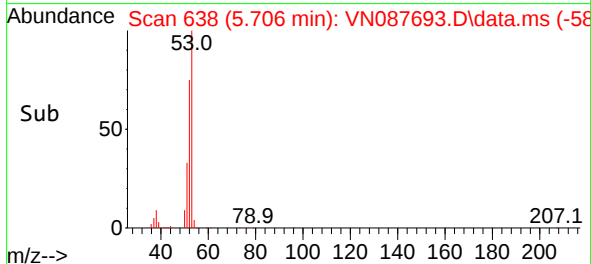
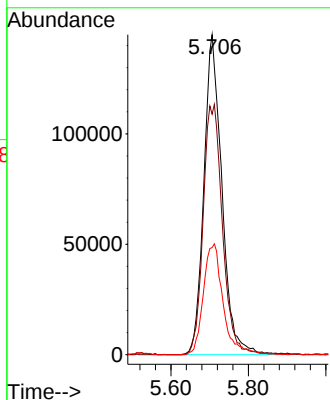
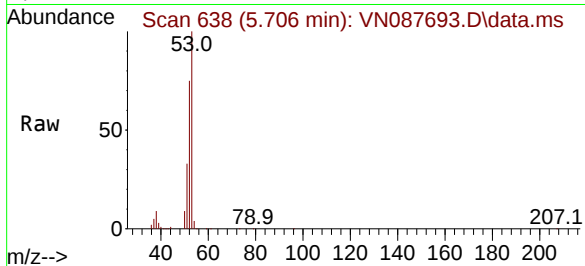




#15
Acrylonitrile
Concen: 243.601 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

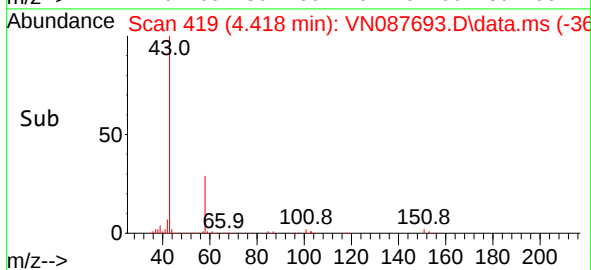
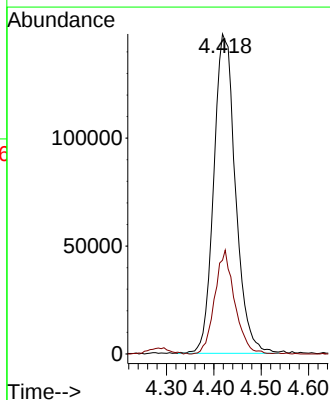
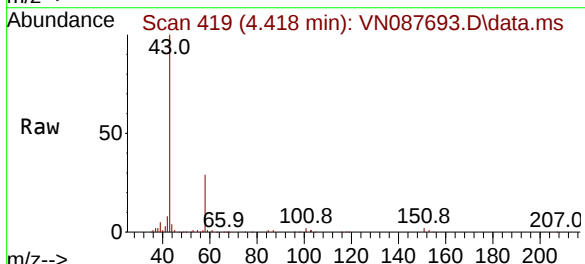
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

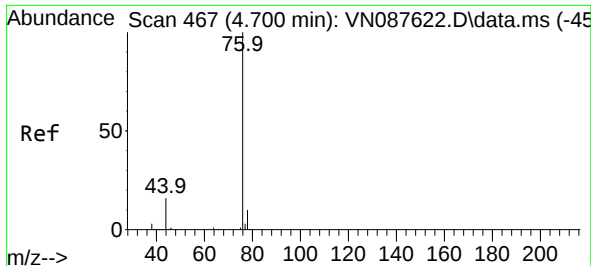
Tgt Ion: 53 Resp: 468011
Ion Ratio Lower Upper
53 100
52 83.7 67.6 101.4
51 37.7 30.1 45.1



#16
Acetone
Concen: 220.740 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 43 Resp: 471526
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8

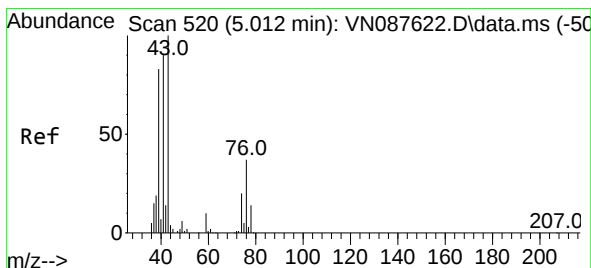
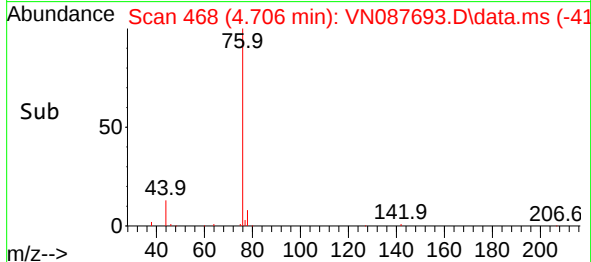
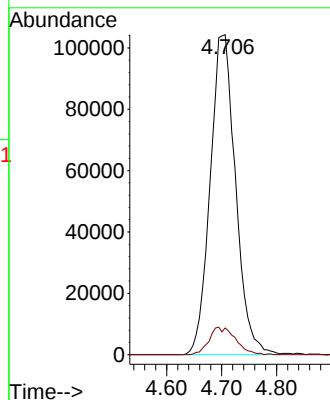
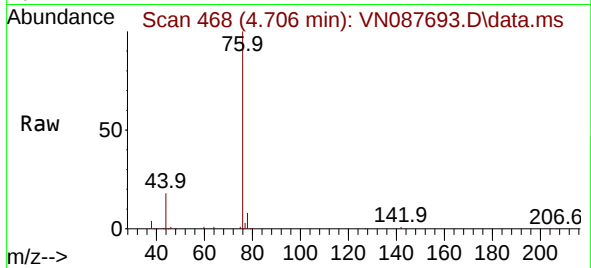




#17
Carbon Disulfide
Concen: 44.089 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

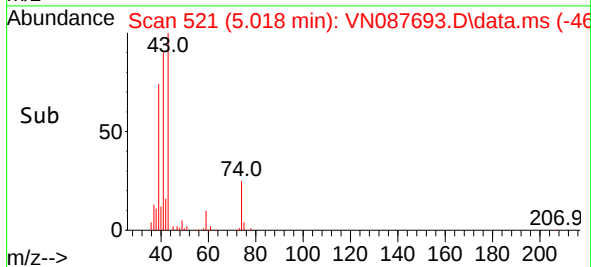
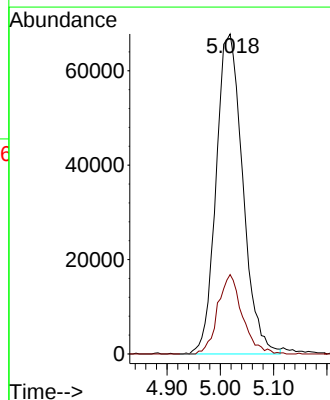
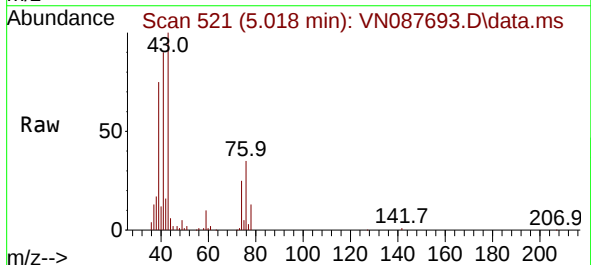
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

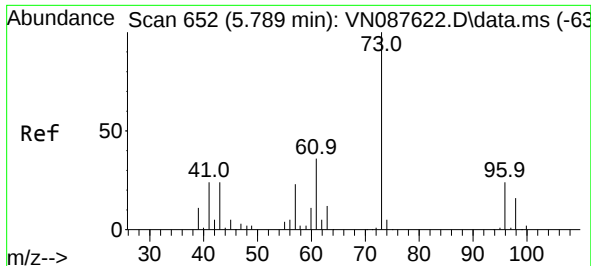
Tgt Ion: 76 Resp: 335145
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 52.745 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 43 Resp: 235905
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4

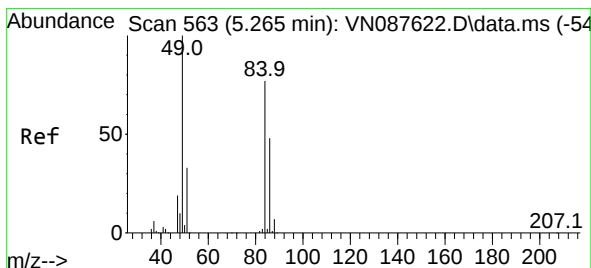
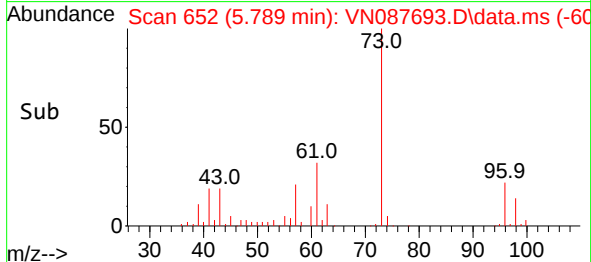
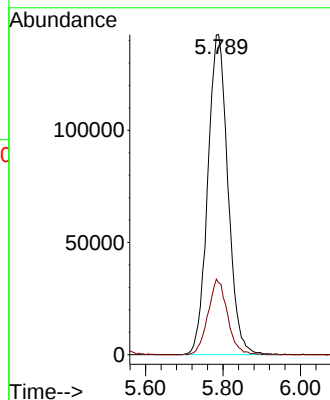
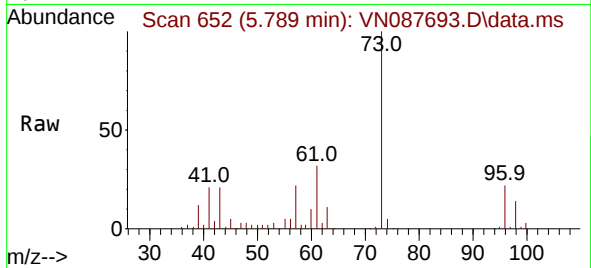




#19
Methyl tert-butyl Ether
Concen: 49.718 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

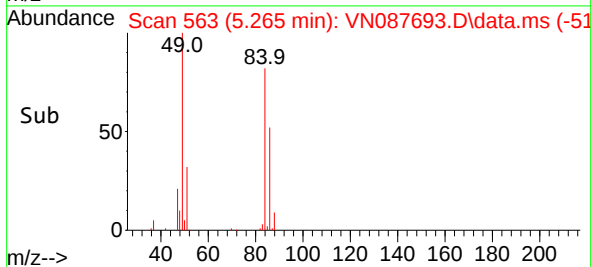
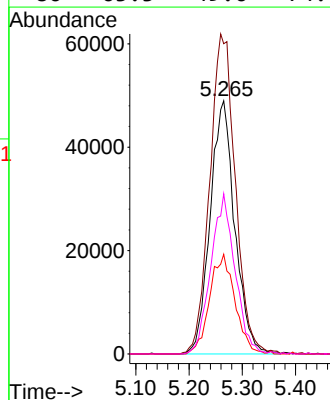
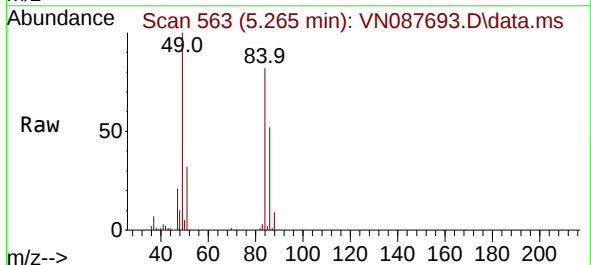
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

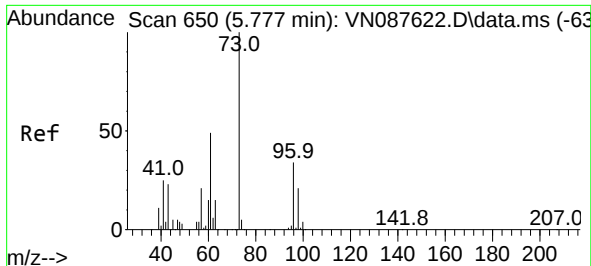
Tgt Ion: 73 Resp: 515002
Ion Ratio Lower Upper
73 100
57 22.5 18.4 27.6



#20
Methylene Chloride
Concen: 50.929 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 84 Resp: 157286
Ion Ratio Lower Upper
84 100
49 122.6 103.4 155.2
51 39.4 33.8 50.8
86 63.3 49.6 74.4

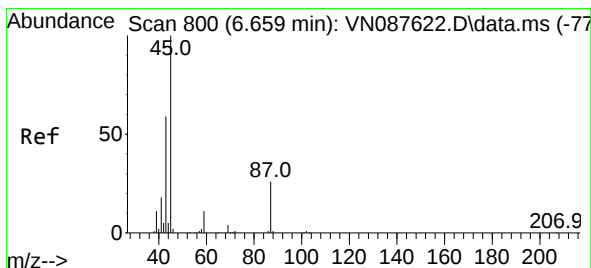
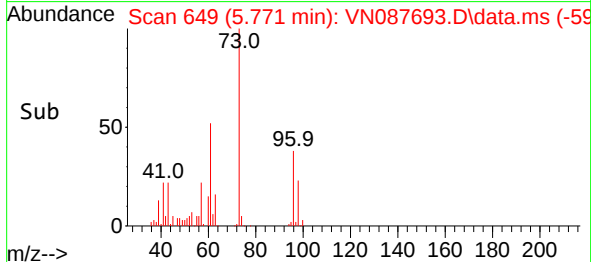
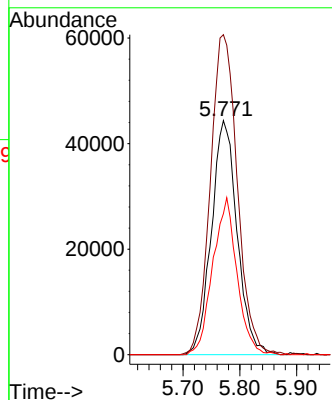
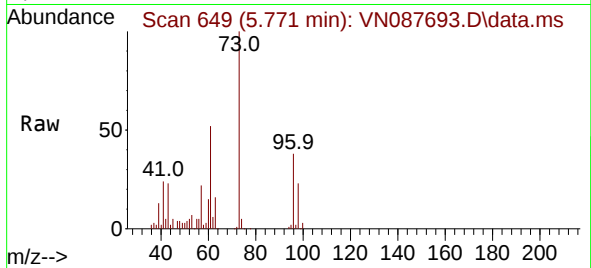




#21
trans-1,2-Dichloroethene
Concen: 46.536 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

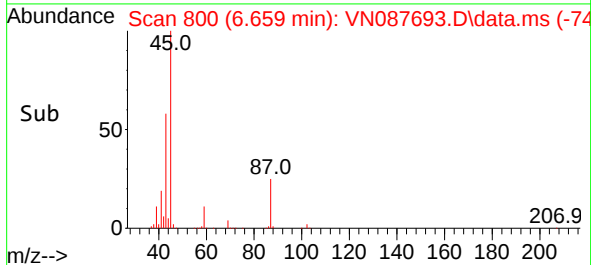
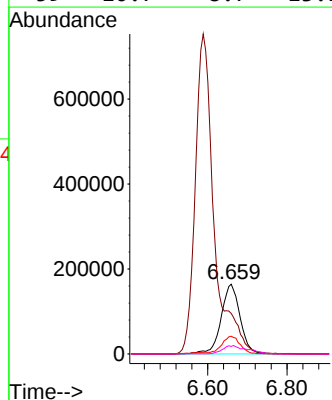
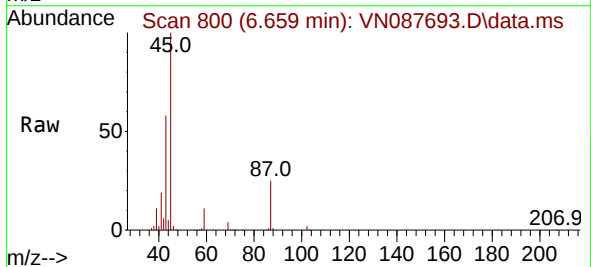
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

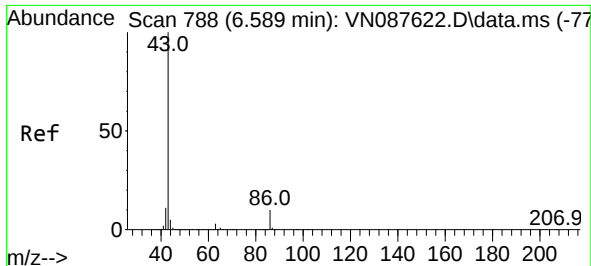
Tgt Ion: 96 Resp: 139263
Ion Ratio Lower Upper
96 100
61 136.7 118.0 177.0
98 60.2 50.0 75.0



#22
Diisopropyl ether
Concen: 50.400 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 45 Resp: 544231
Ion Ratio Lower Upper
45 100
43 57.3 47.7 71.5
87 25.3 21.4 32.0
59 10.7 8.7 13.1

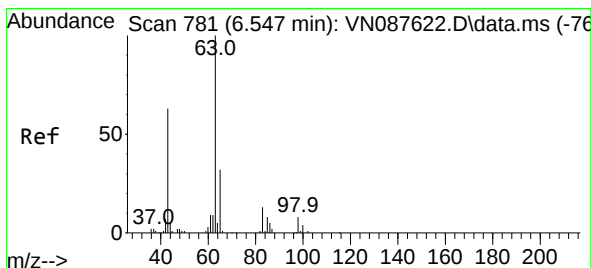
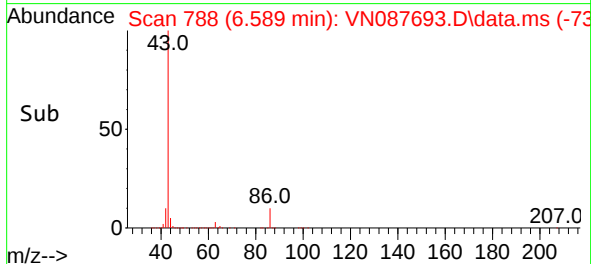
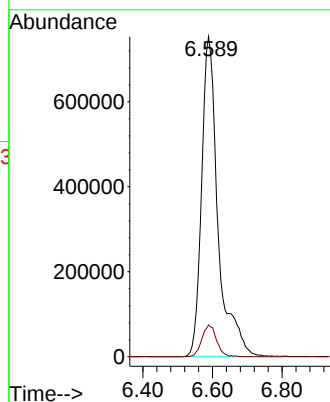
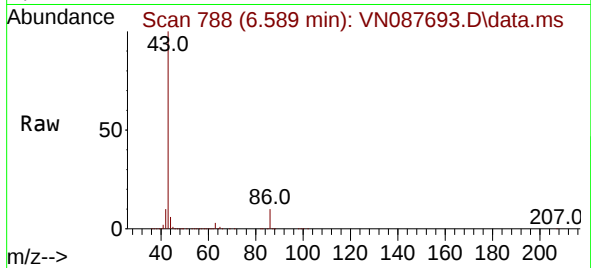




#23
 Vinyl Acetate
 Concen: 251.323 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

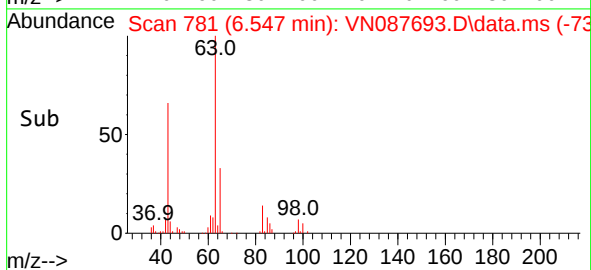
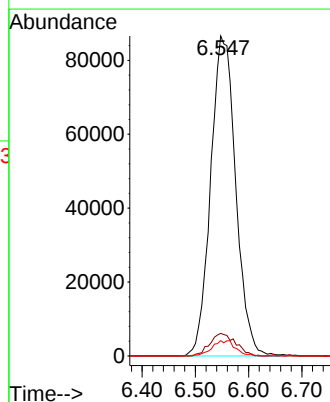
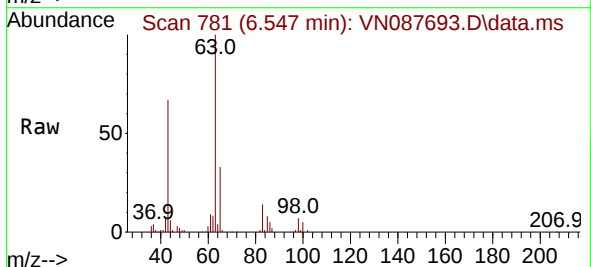
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2469006
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 47.807 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

Tgt Ion: 63 Resp: 283045
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.8 2.0 6.0

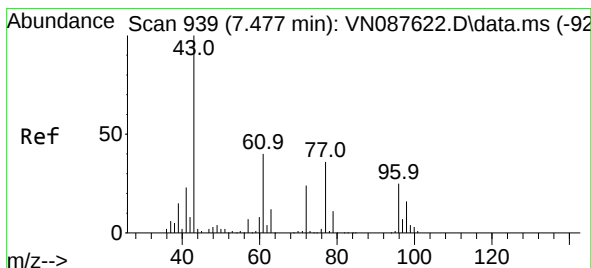
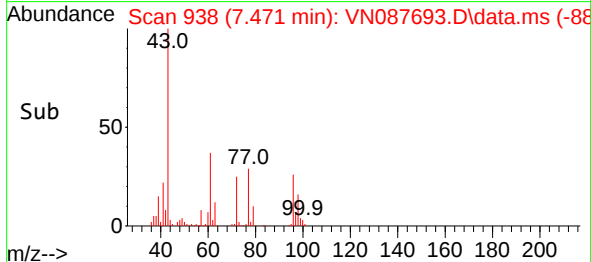
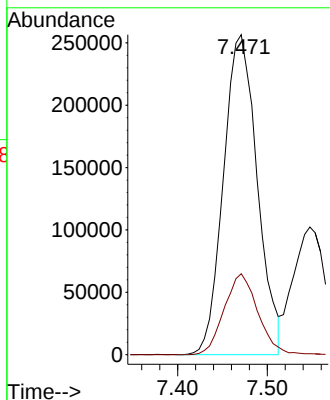
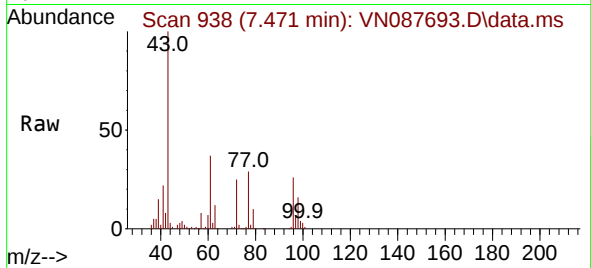




#25
2-Butanone
Concen: 239.282 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

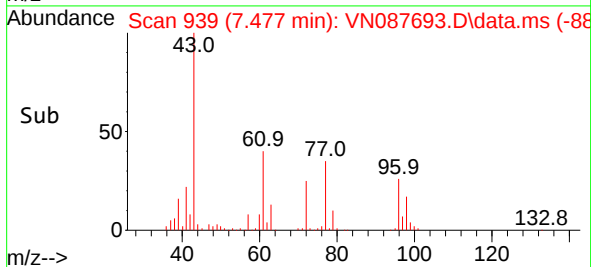
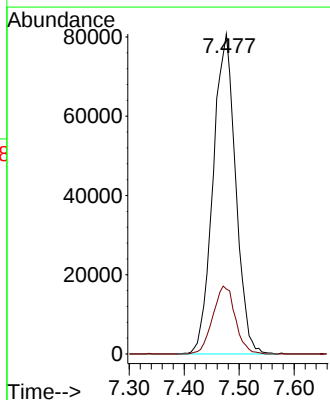
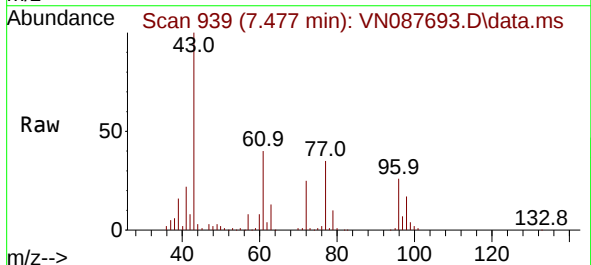
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 672459
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 45.337 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 77 Resp: 230378
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7

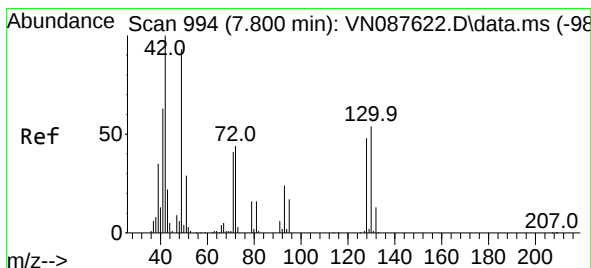
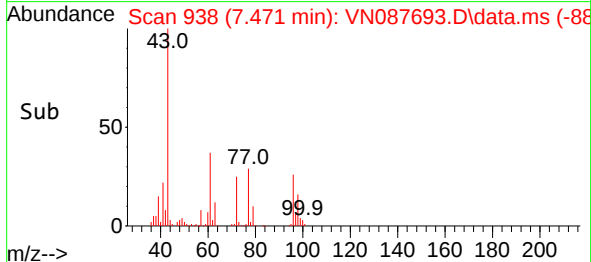
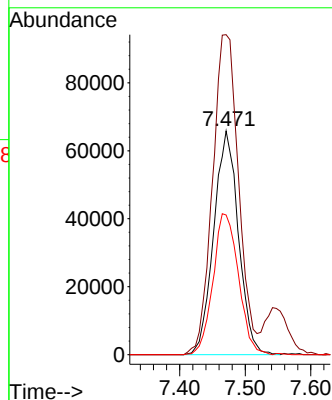
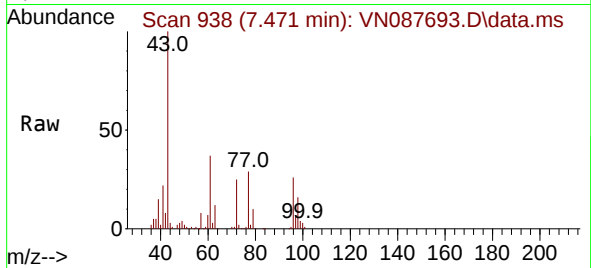




#27
 cis-1,2-Dichloroethene
 Concen: 48.099 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

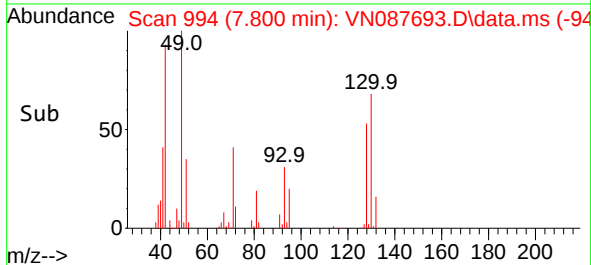
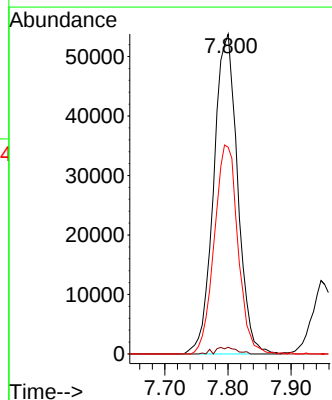
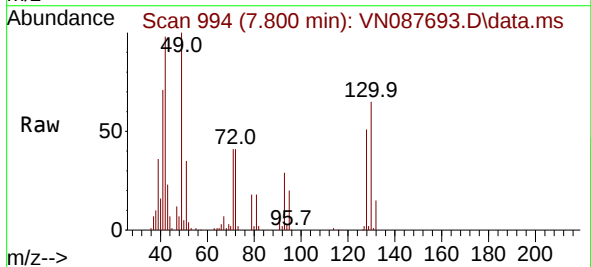
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 172078
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.8
 98 64.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 49.395 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

Tgt Ion: 49 Resp: 141381
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 64.7 53.1 79.7

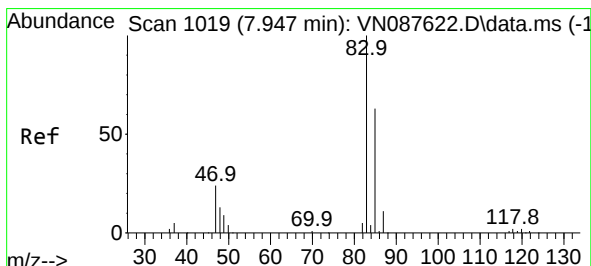
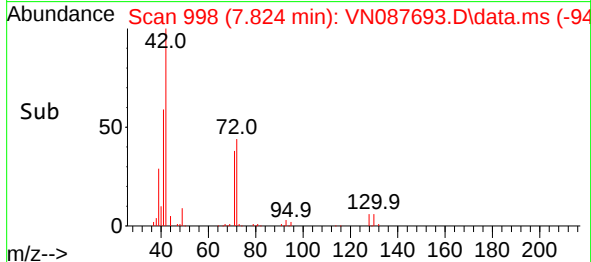
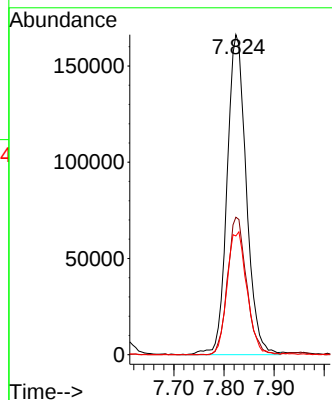
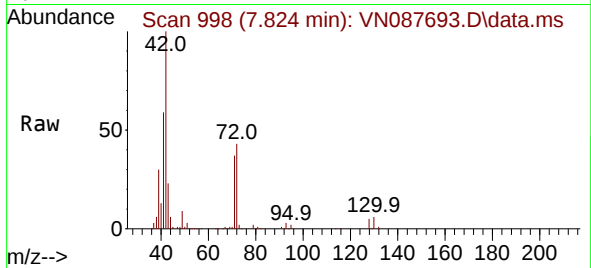




#29
Tetrahydrofuran
Concen: 245.049 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

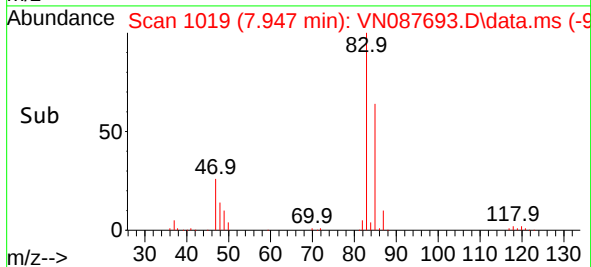
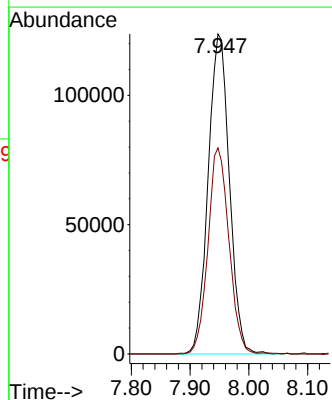
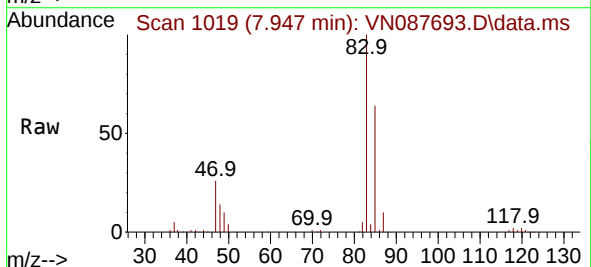
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

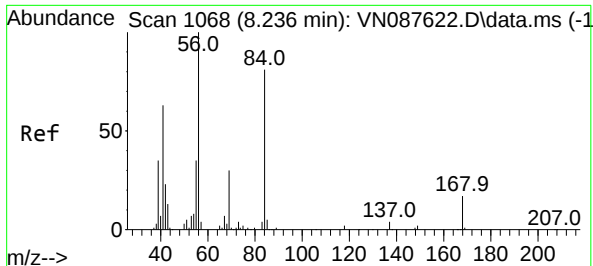
Tgt Ion: 42 Resp: 443196
Ion Ratio Lower Upper
42 100
72 42.6 33.7 50.5
71 39.7 31.9 47.9



#30
Chloroform
Concen: 51.319 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 83 Resp: 310122
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1

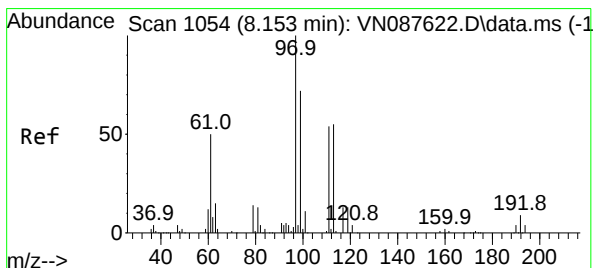
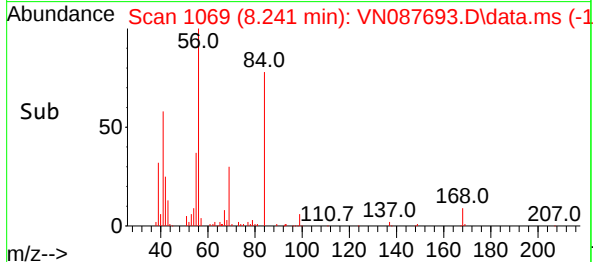
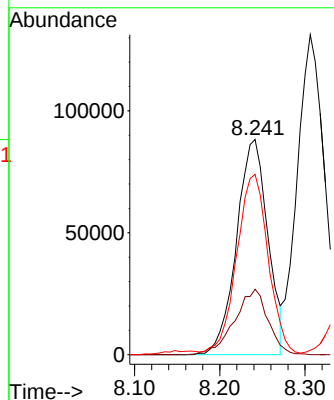
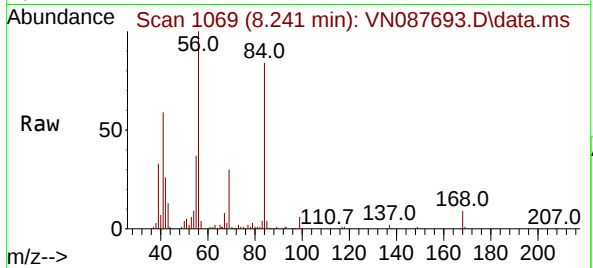




#31
Cyclohexane
Concen: 45.579 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

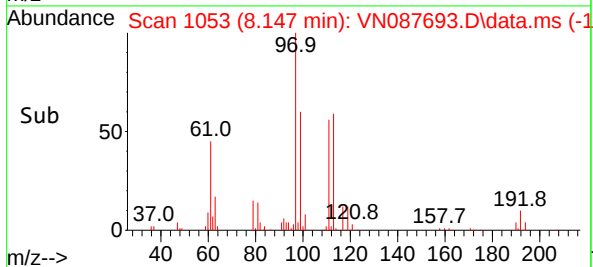
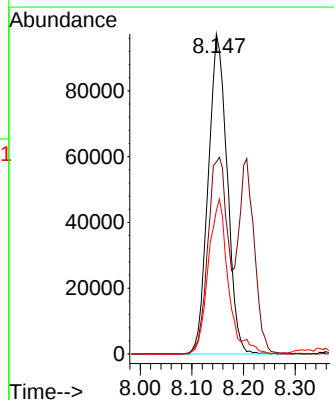
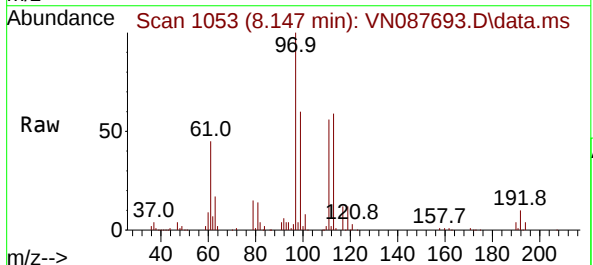
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

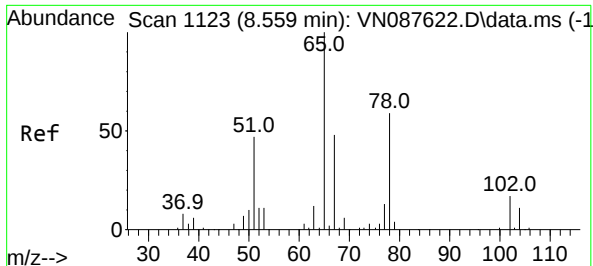
Tgt Ion: 56 Resp: 224964
Ion Ratio Lower Upper
56 100
69 30.4 23.7 35.5
84 82.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 48.426 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 97 Resp: 248001
Ion Ratio Lower Upper
97 100
99 63.1 52.2 78.2
61 51.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 48.259 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

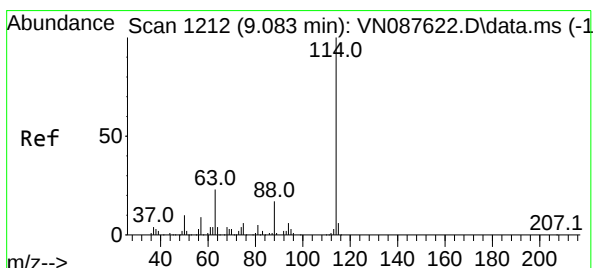
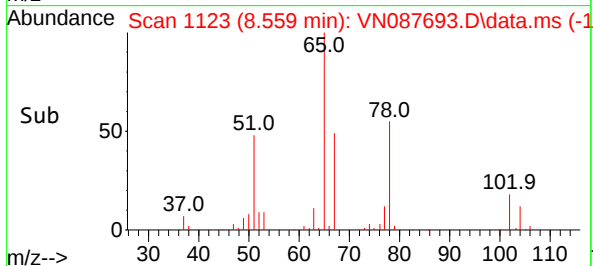
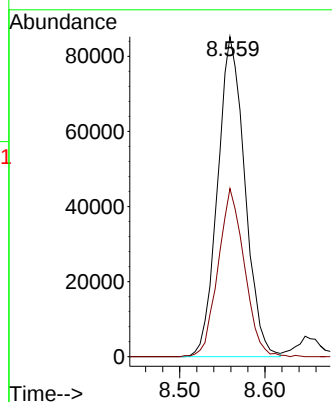
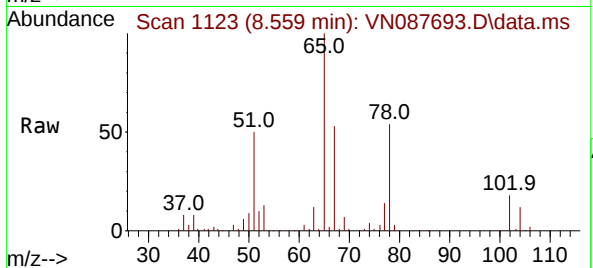
VSTDCCC050

Tgt Ion: 65 Resp: 189370

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

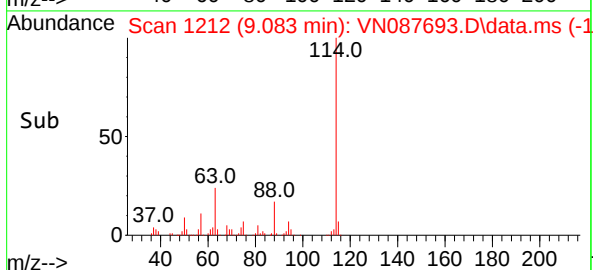
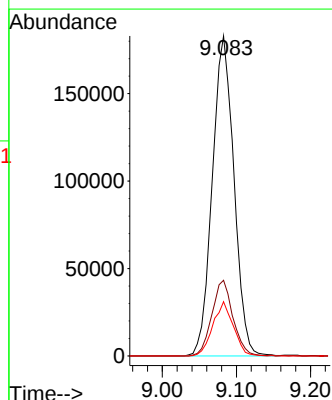
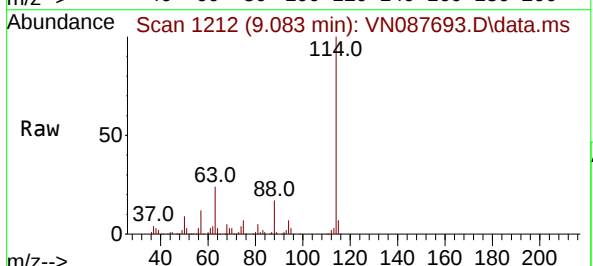
Tgt Ion: 114 Resp: 371305

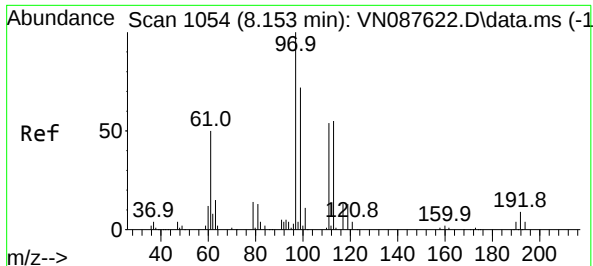
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.2

88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.455 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

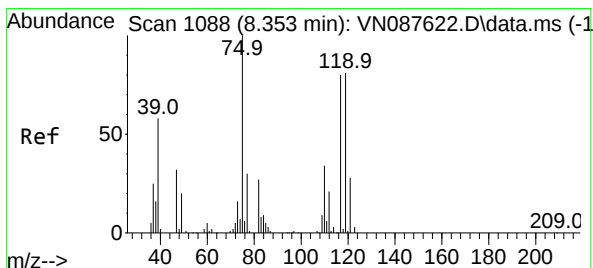
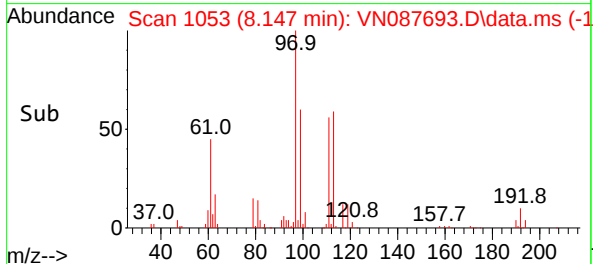
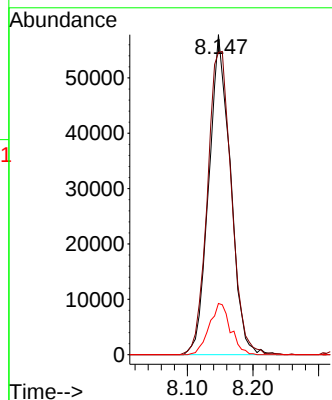
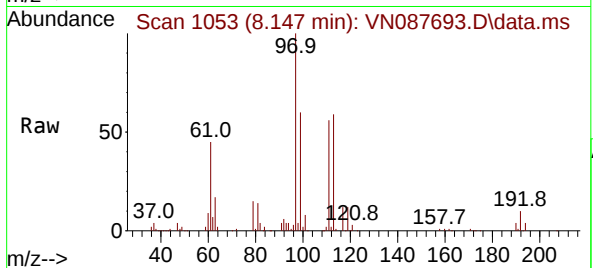
Tgt Ion:113 Resp: 132581

Ion Ratio Lower Upper

113 100

111 104.9 82.8 124.2

192 15.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 46.642 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

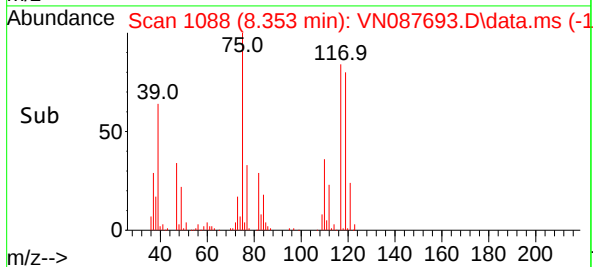
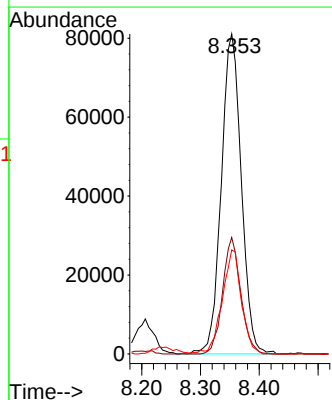
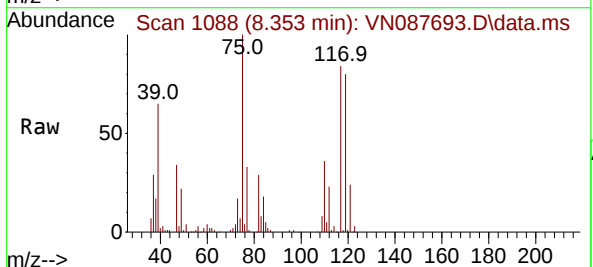
Tgt Ion: 75 Resp: 191825

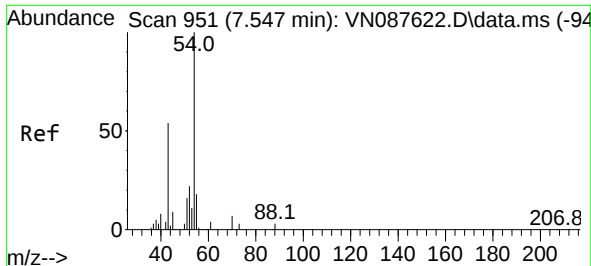
Ion Ratio Lower Upper

75 100

110 33.0 15.9 47.6

77 31.3 24.4 36.6

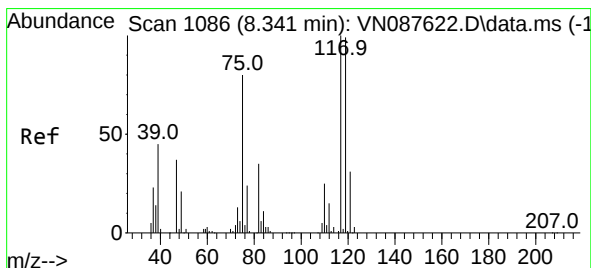
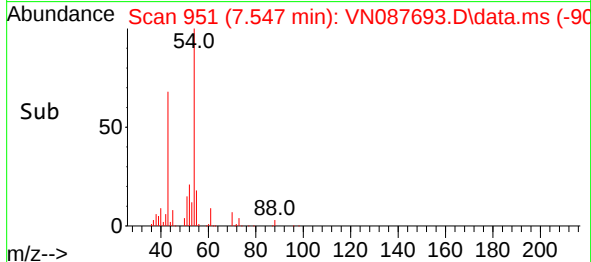
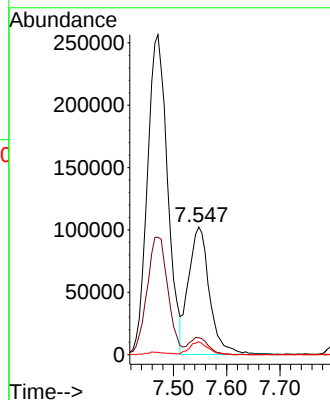
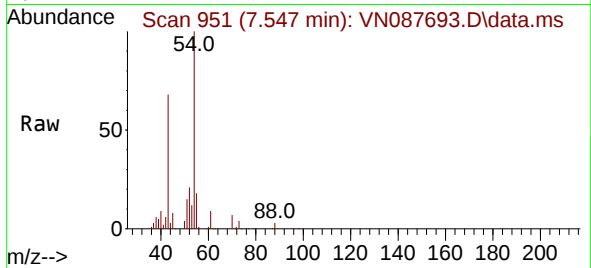




#37
Ethyl Acetate
Concen: 49.426 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

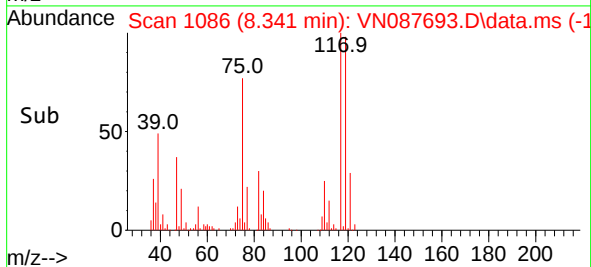
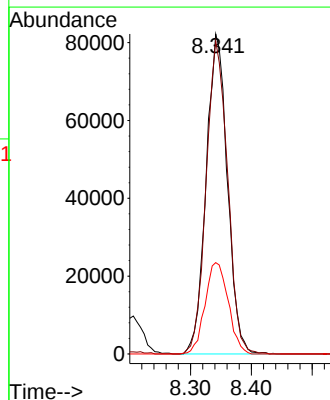
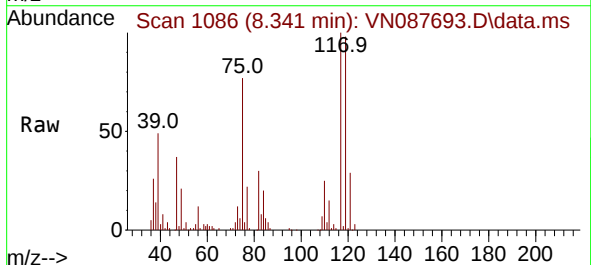
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

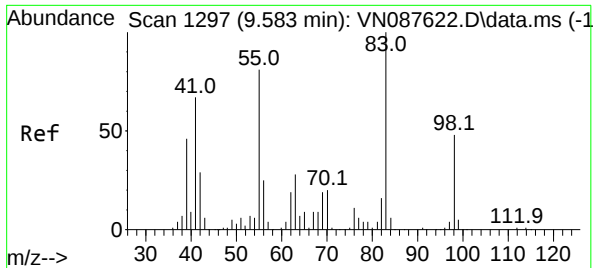
Tgt Ion: 43 Resp: 277772
Ion Ratio Lower Upper
43 100
61 12.6 9.3 13.9
70 9.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 49.071 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 117 Resp: 199259
Ion Ratio Lower Upper
117 100
119 97.8 79.0 118.6
121 28.5 25.0 37.6





#39

Methylcyclohexane

Concen: 45.592 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

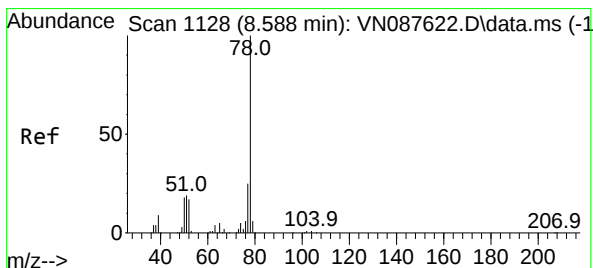
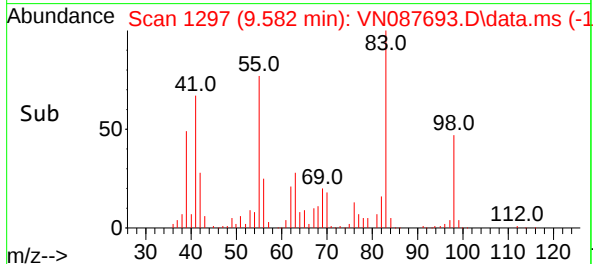
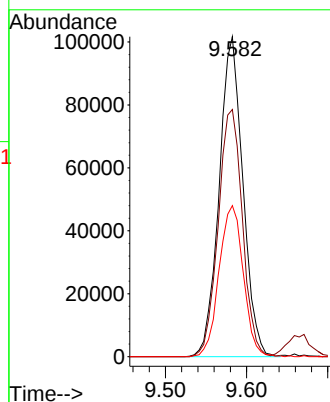
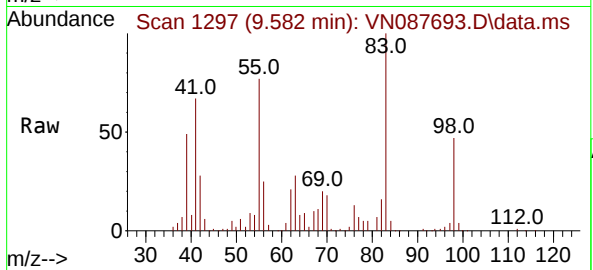
Tgt Ion: 83 Resp: 206436

Ion Ratio Lower Upper

83 100

55 77.3 64.6 96.8

98 47.2 38.4 57.6



#40

Benzene

Concen: 49.567 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087693.D

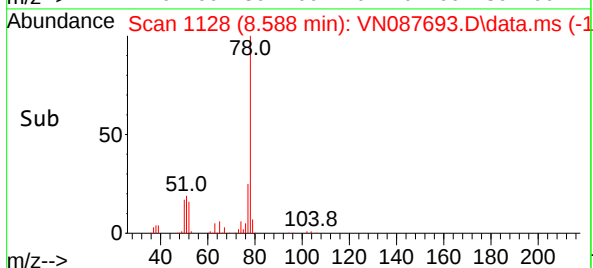
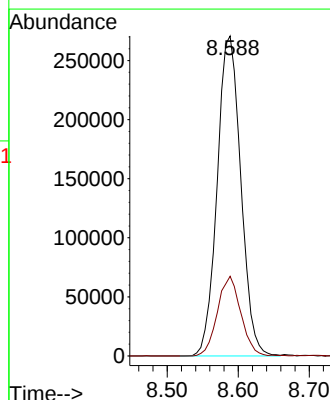
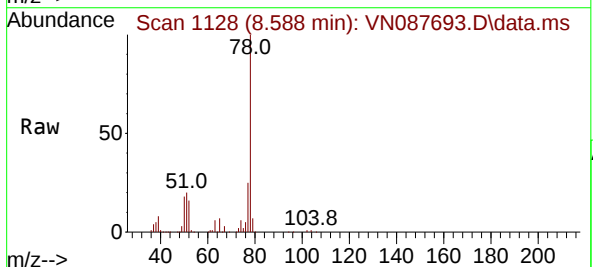
Acq: 29 Aug 2025 12:05

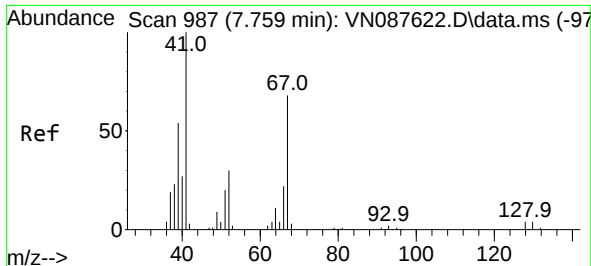
Tgt Ion: 78 Resp: 625252

Ion Ratio Lower Upper

78 100

77 24.9 19.7 29.5

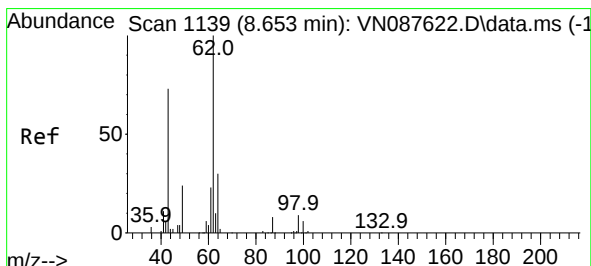
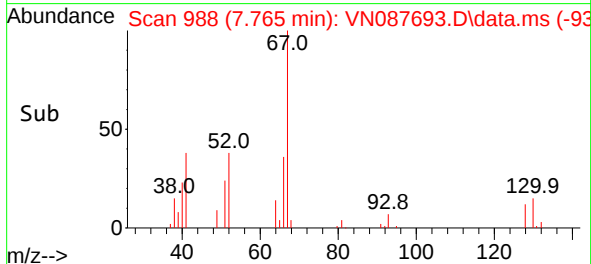
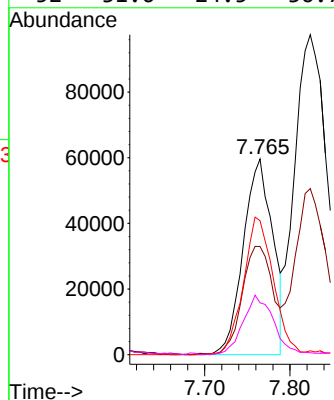
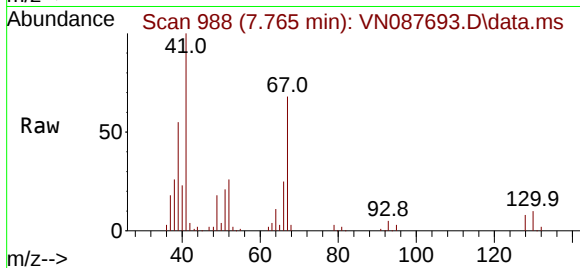




#41
Methacrylonitrile
Concen: 49.157 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

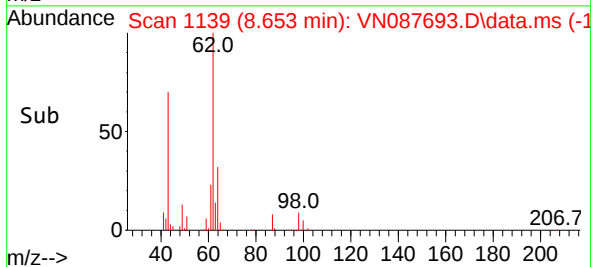
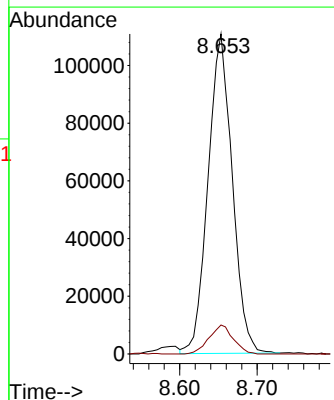
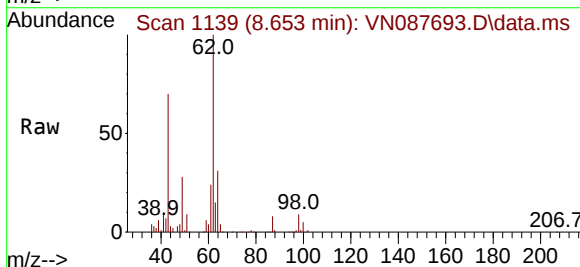
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

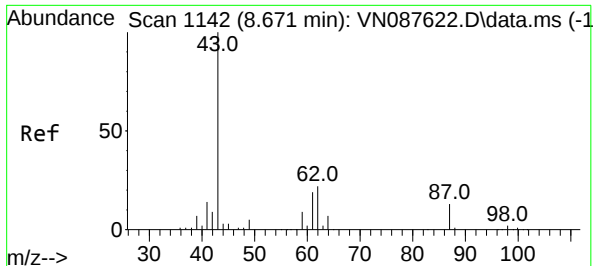
Tgt Ion:	41	Resp:	143104
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.4	68.0
67	71.5	55.3	82.9
52	31.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 49.608 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:	62	Resp:	240468
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

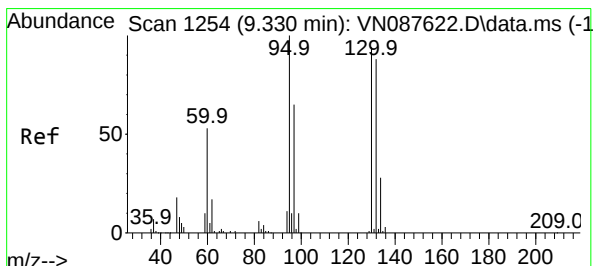
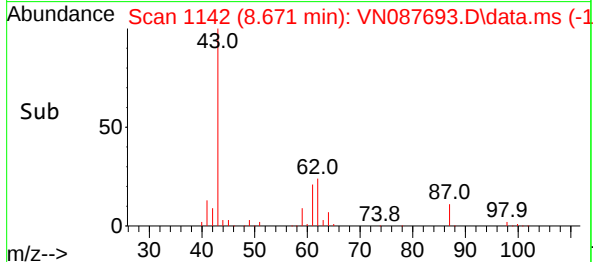
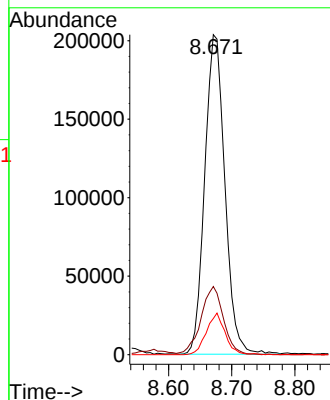
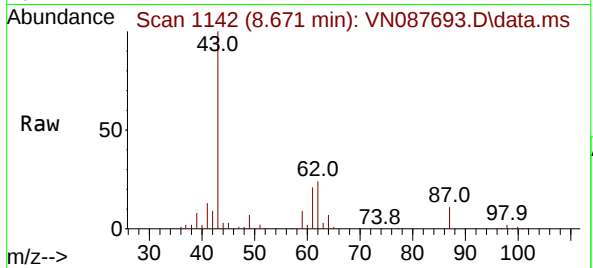




#43
Isopropyl Acetate
Concen: 51.398 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

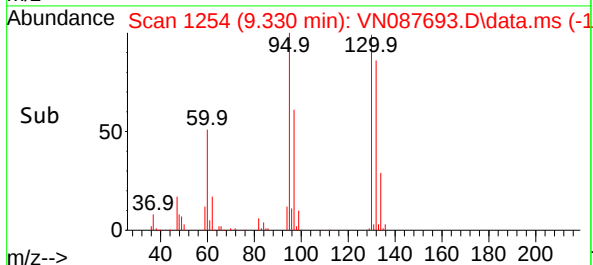
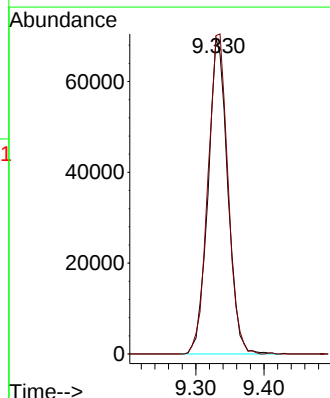
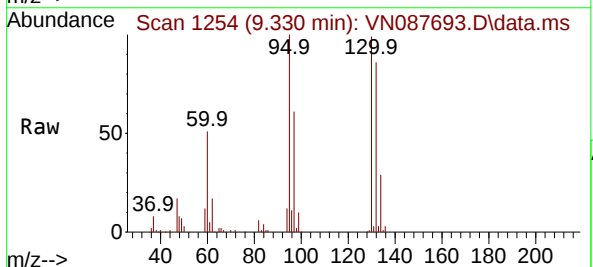
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

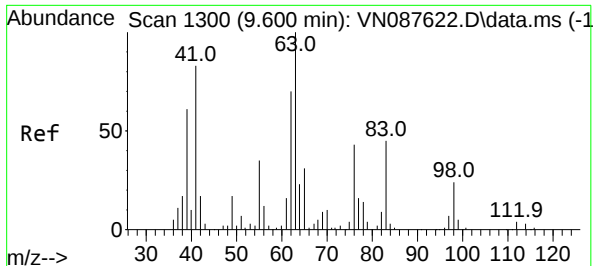
Tgt Ion: 43 Resp: 450972
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 12.0 9.6 14.4



#44
Trichloroethene
Concen: 48.389 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:130 Resp: 139358
Ion Ratio Lower Upper
130 100
95 100.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 49.715 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

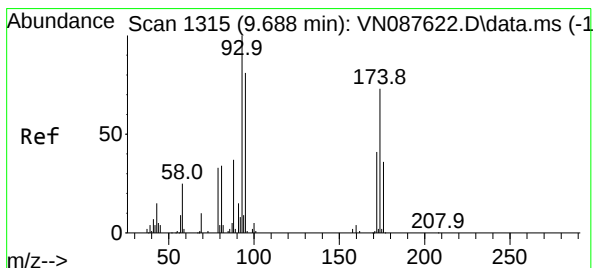
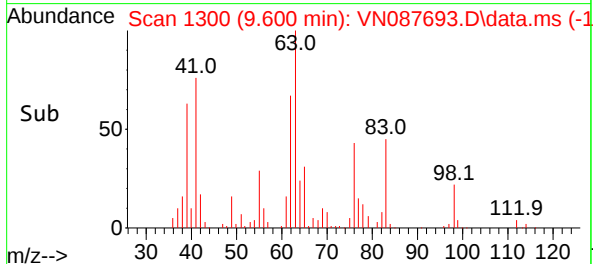
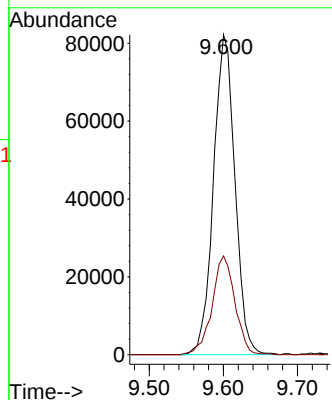
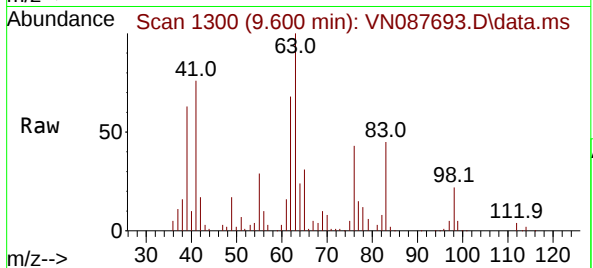
VSTDCCC050

Tgt Ion: 63 Resp: 165303

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.4



#46

Dibromomethane

Concen: 49.915 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

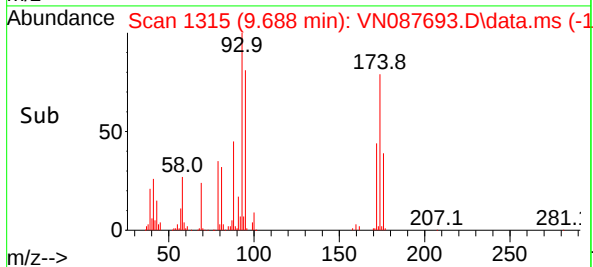
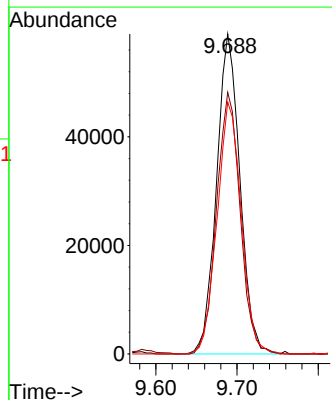
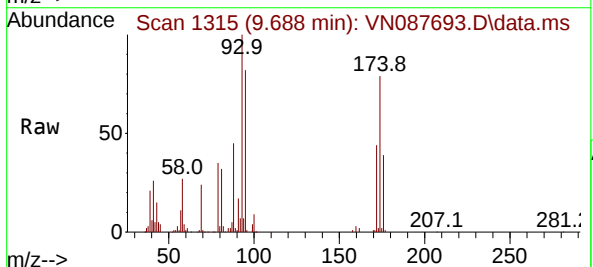
Tgt Ion: 93 Resp: 118106

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 81.4 63.4 95.2

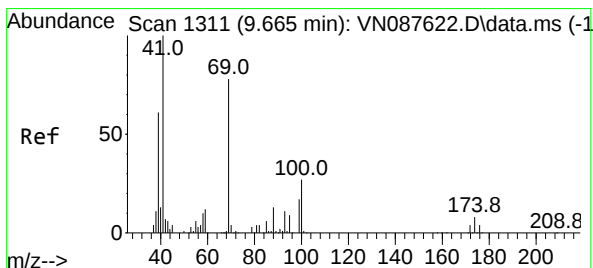
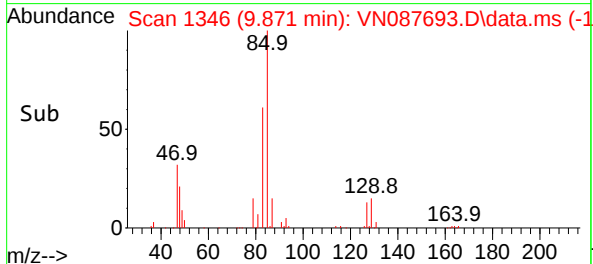
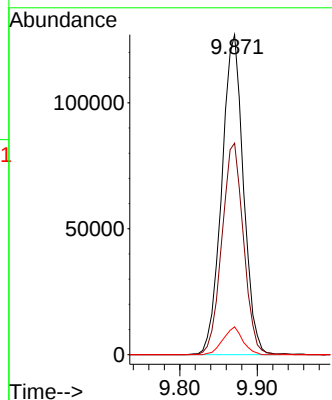
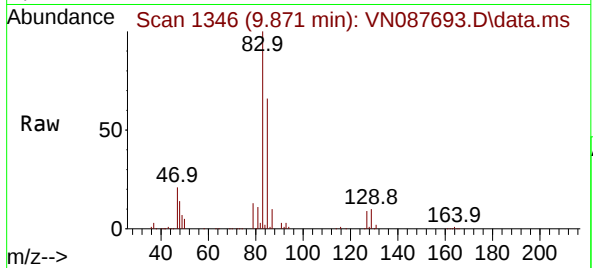




#47
Bromodichloromethane
Concen: 50.875 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

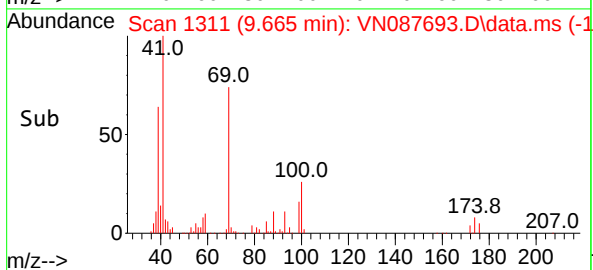
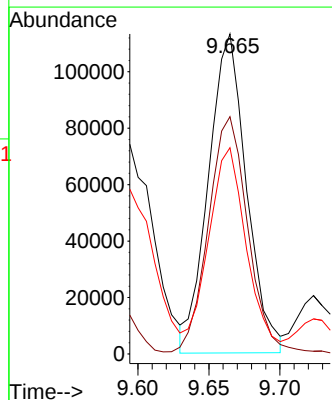
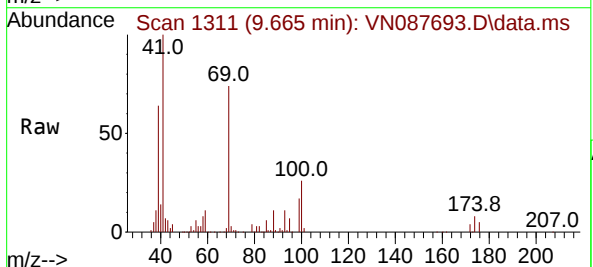
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

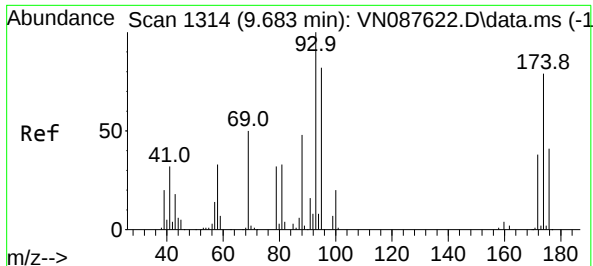
Tgt Ion: 83 Resp: 246706
Ion Ratio Lower Upper
83 100
85 66.1 52.5 78.7
127 8.7 5.8 8.6#



#48
Methyl methacrylate
Concen: 50.783 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 41 Resp: 210762
Ion Ratio Lower Upper
41 100
69 76.9 62.7 94.1
39 65.2 52.9 79.3





#49

1,4-Dioxane

Concen: 1190.849 ug/l

RT: 9.677 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

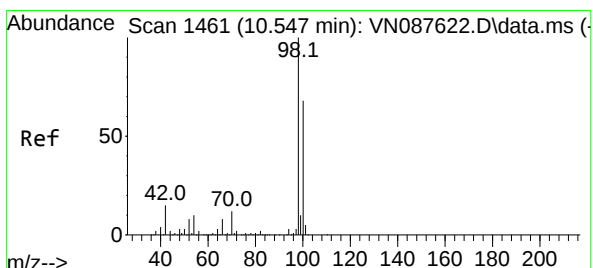
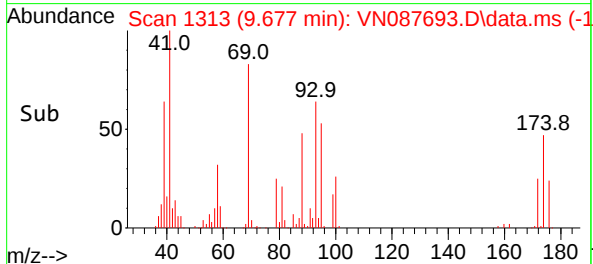
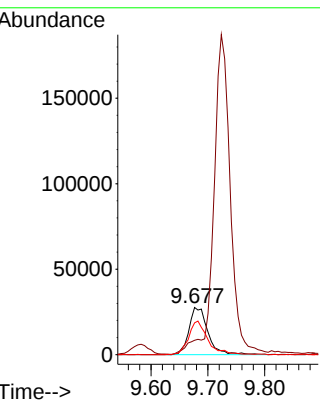
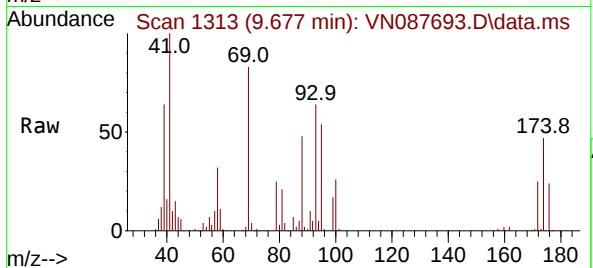
Tgt Ion: 88 Resp: 64059

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.1 57.9 86.9



#50

Toluene-d8

Concen: 49.197 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087693.D

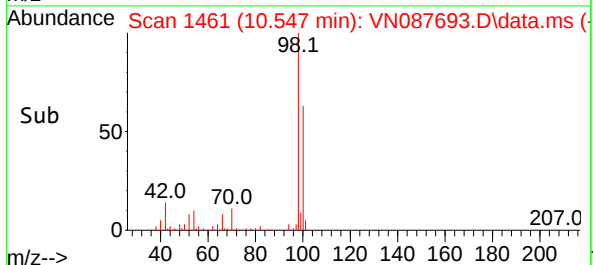
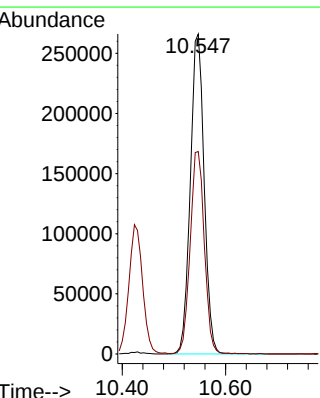
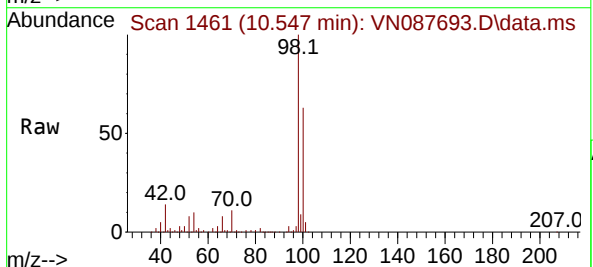
Acq: 29 Aug 2025 12:05

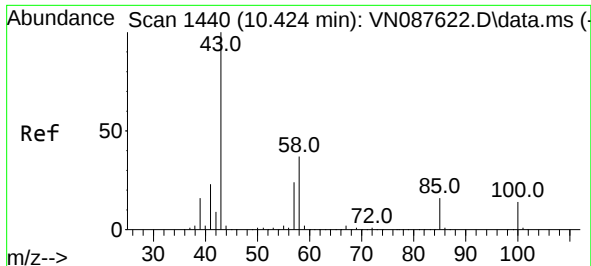
Tgt Ion: 98 Resp: 493637

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2

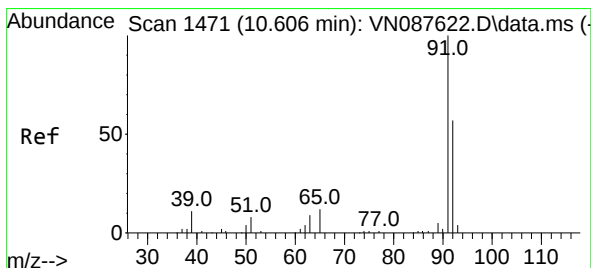
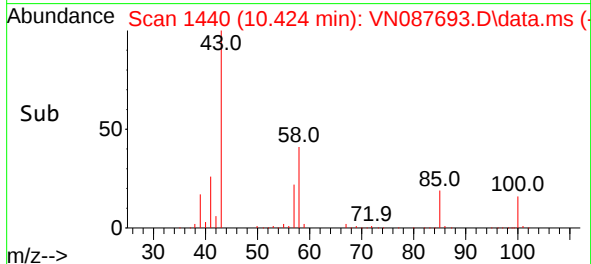
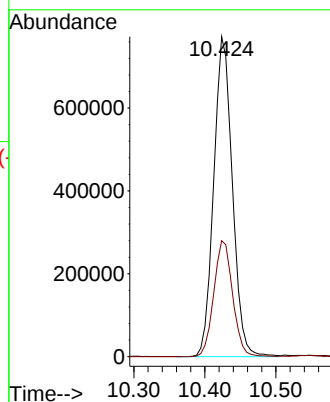
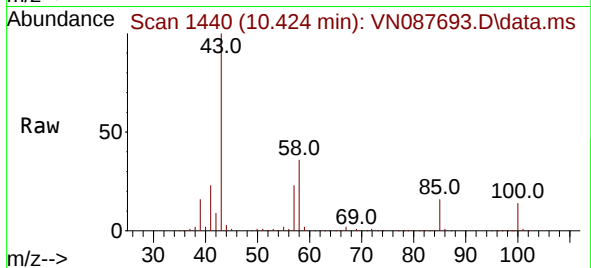




#51
4-Methyl-2-Pentanone
Concen: 265.512 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

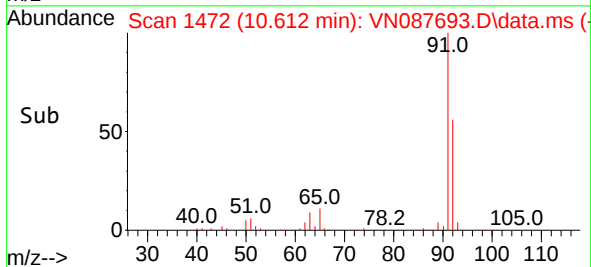
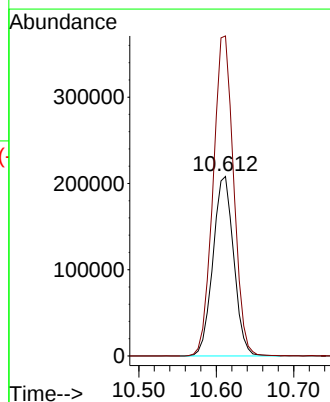
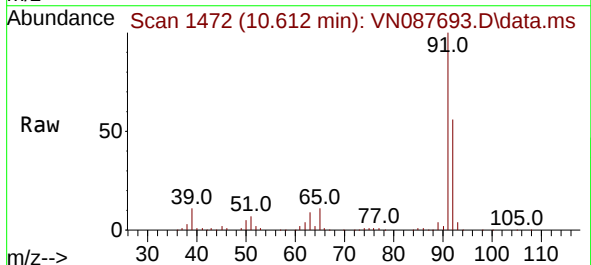
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

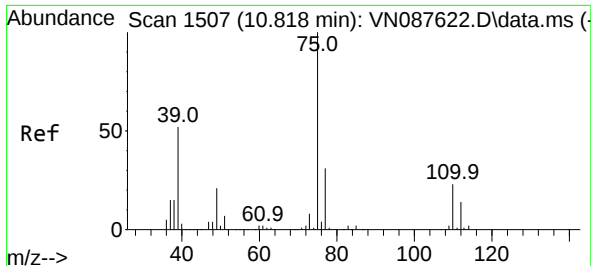
Tgt Ion: 43 Resp: 1405573
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4



#52
Toluene
Concen: 49.495 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 92 Resp: 387057
Ion Ratio Lower Upper
92 100
91 176.7 140.4 210.6

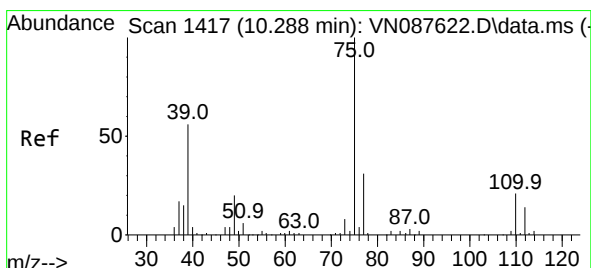
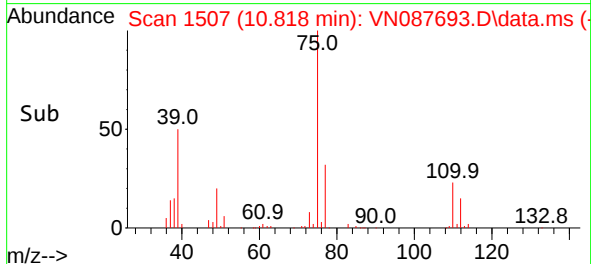
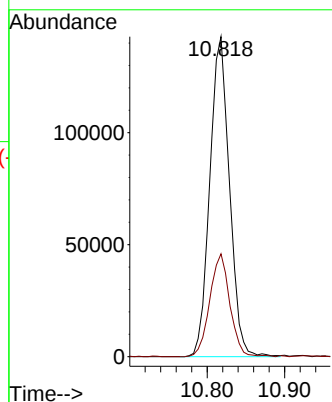
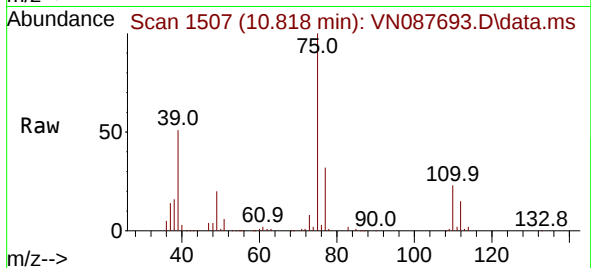




#53
t-1,3-Dichloropropene
Concen: 50.155 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

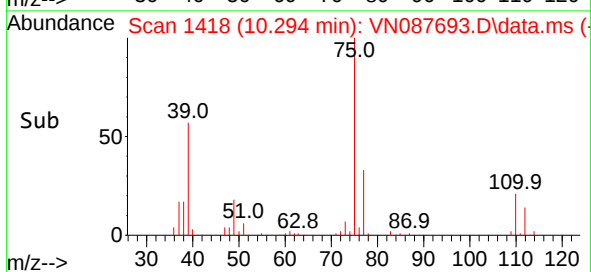
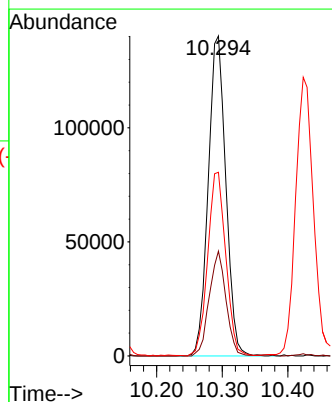
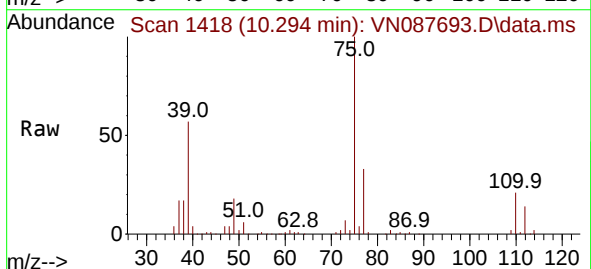
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

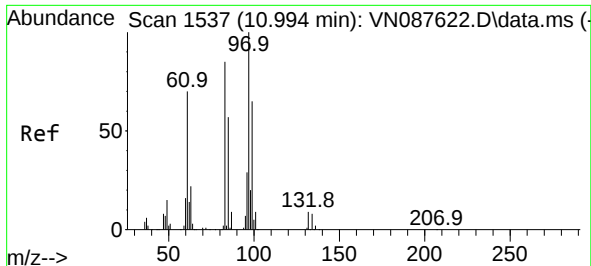
Tgt Ion: 75 Resp: 251750
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.268 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 75 Resp: 261991
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0
39 57.2 45.2 67.8



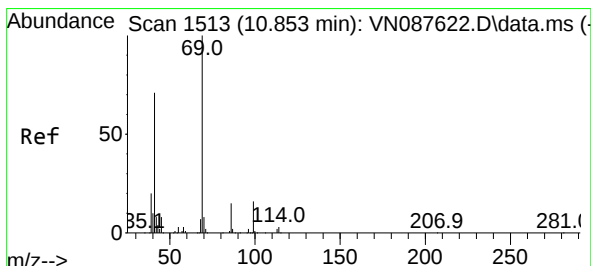
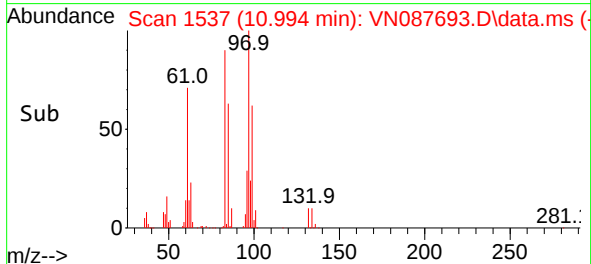
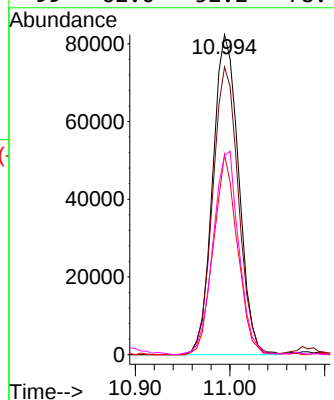
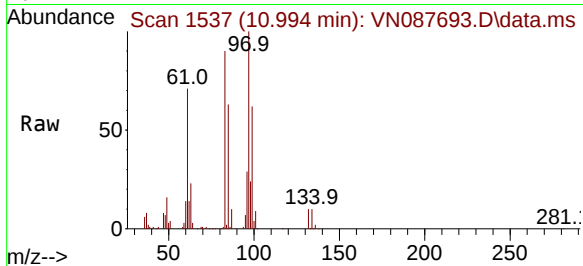


#55
1,1,2-Trichloroethane
Concen: 51.687 ug/l
RT: 10.994 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 156363

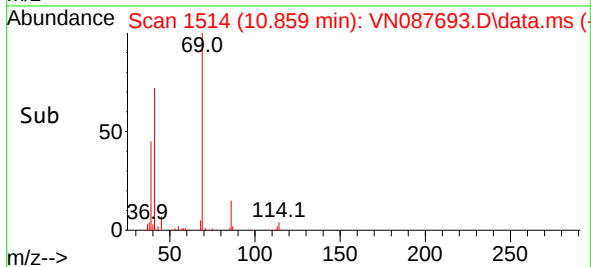
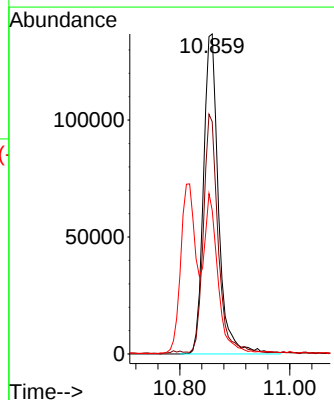
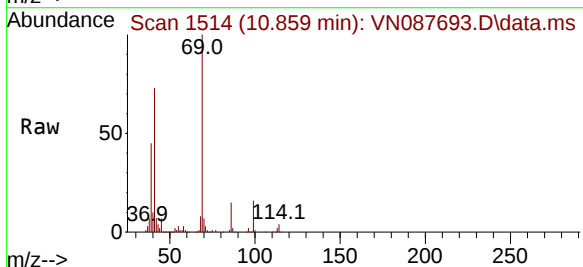
Ion	Ratio	Lower	Upper
97	100		
83	89.9	68.2	102.4
85	62.5	45.5	68.3
99	62.0	52.2	78.4



#56
Ethyl methacrylate
Concen: 53.695 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 69 Resp: 259596

Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.5	84.7
39	44.9	34.2	51.4





#57

1,3-Dichloropropane

Concen: 51.511 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

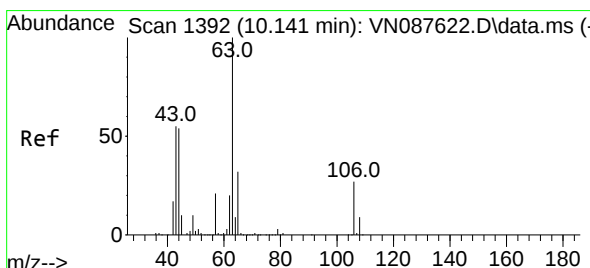
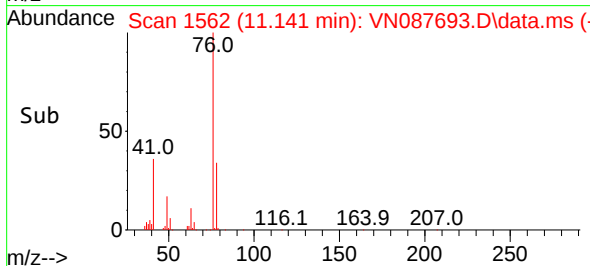
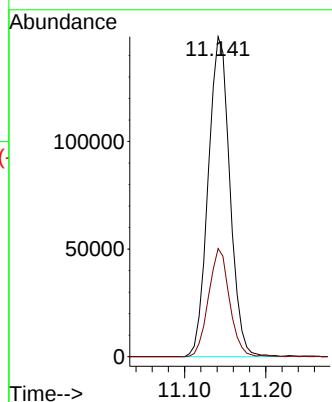
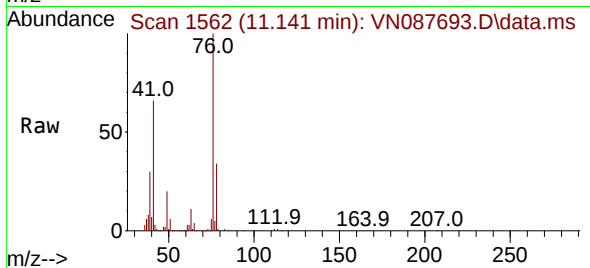
VSTDCCC050

Tgt Ion: 76 Resp: 275782

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.972 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087693.D

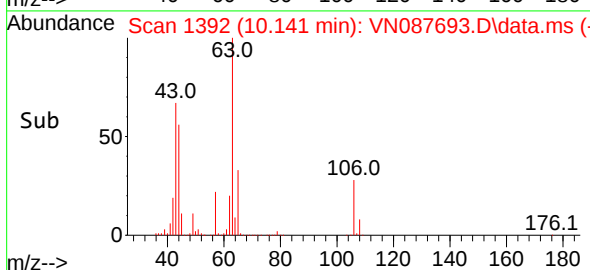
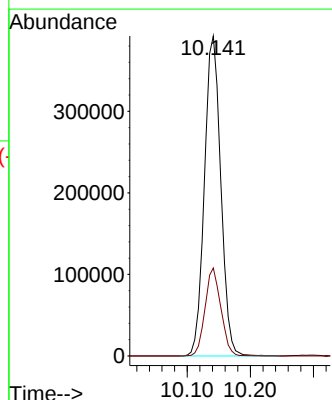
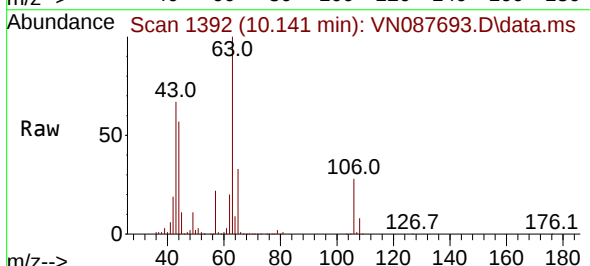
Acq: 29 Aug 2025 12:05

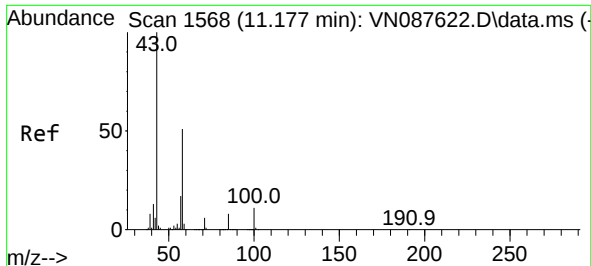
Tgt Ion: 63 Resp: 706449

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7

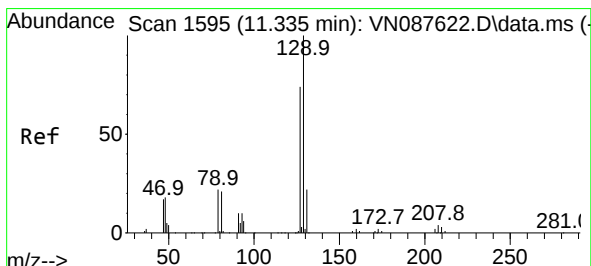
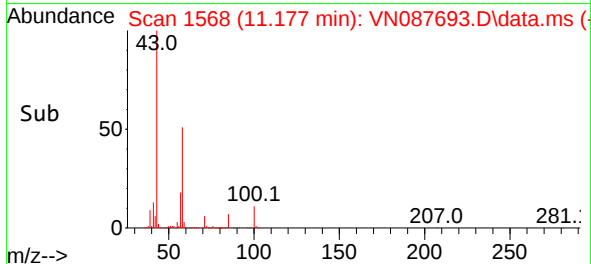
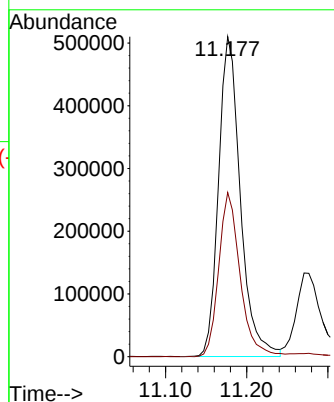
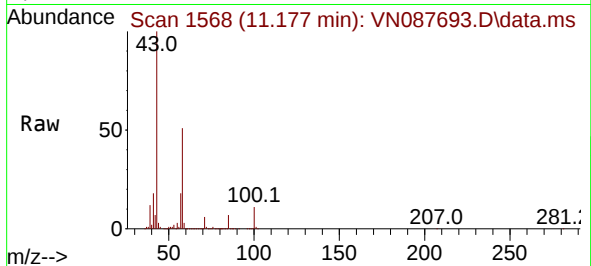




#59
2-Hexanone
Concen: 284.835 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

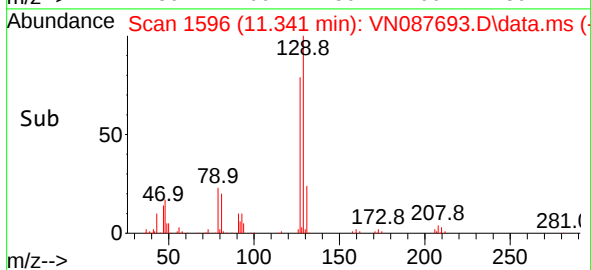
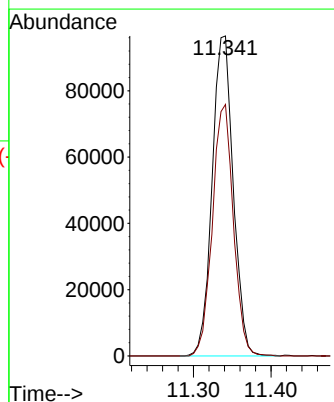
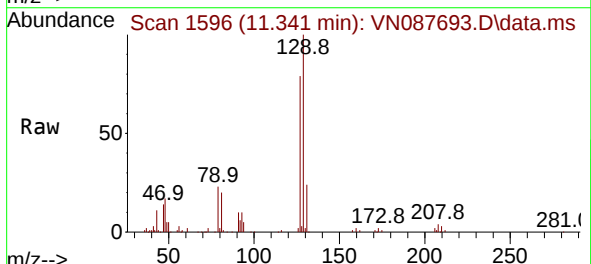
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

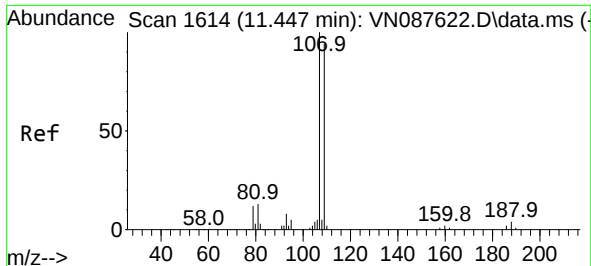
Tgt Ion: 43 Resp: 952969
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.8



#60
Dibromochloromethane
Concen: 52.098 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 129 Resp: 182617
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3

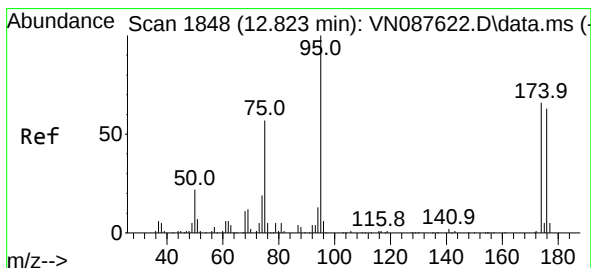
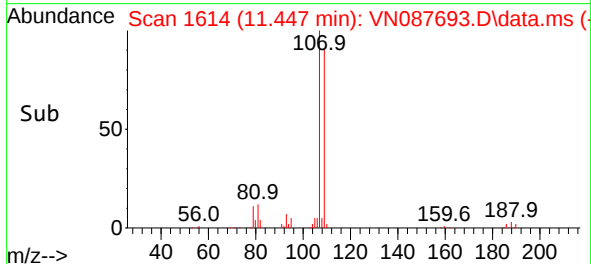
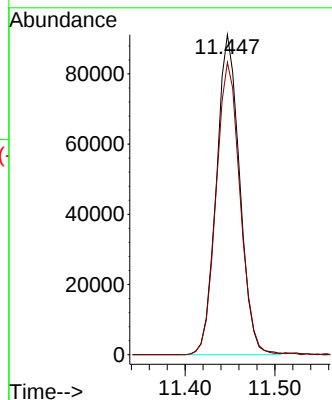
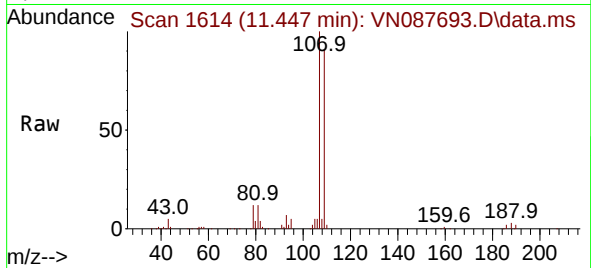




#61
1,2-Dibromoethane
Concen: 51.364 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

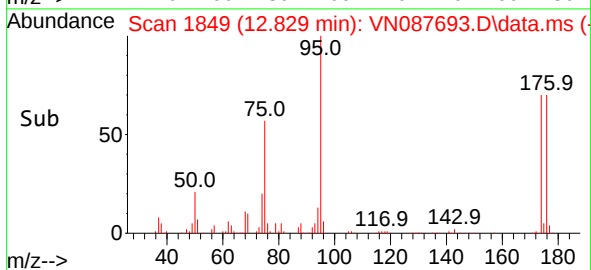
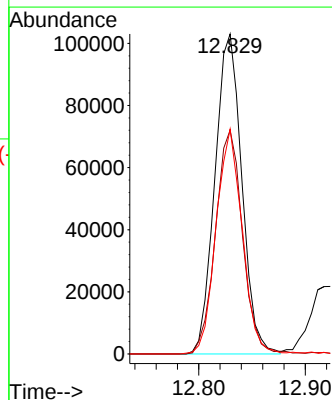
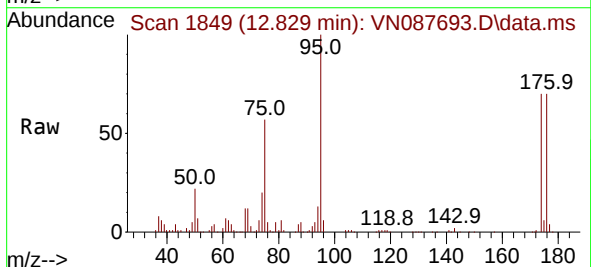
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

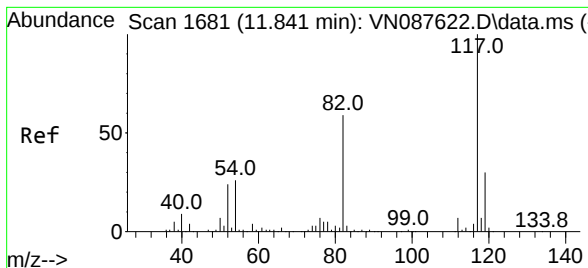
Tgt Ion:107 Resp: 163845
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.570 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 95 Resp: 180449
Ion Ratio Lower Upper
95 100
174 70.3 0.0 138.4
176 68.2 0.0 132.6

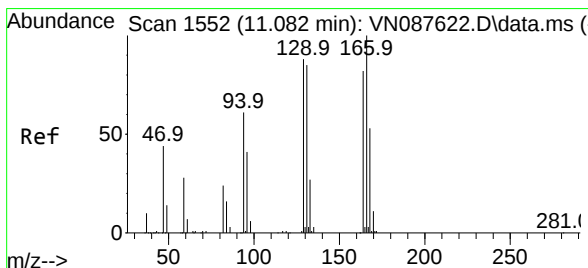
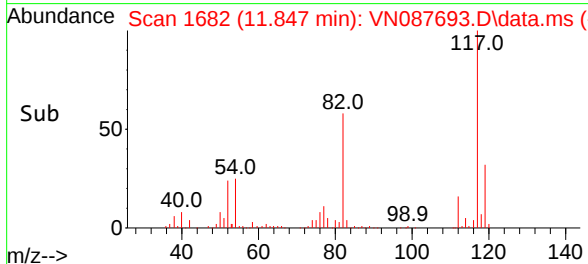
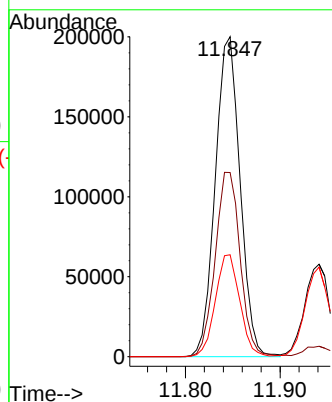
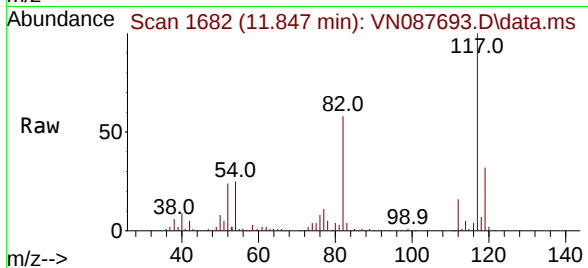




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

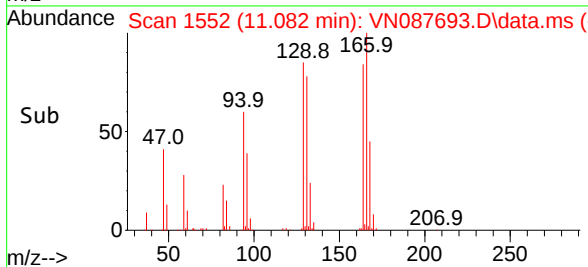
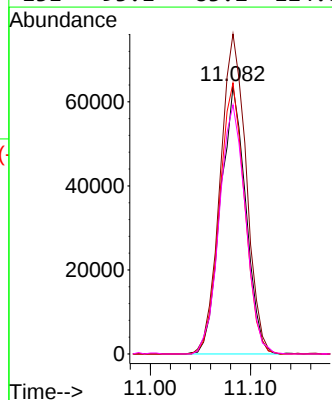
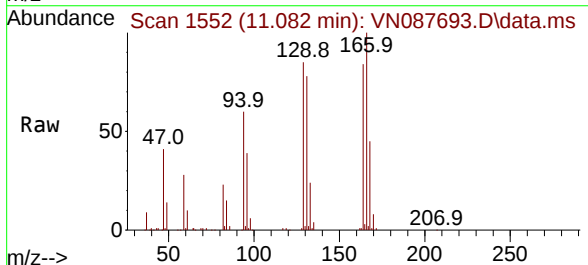
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

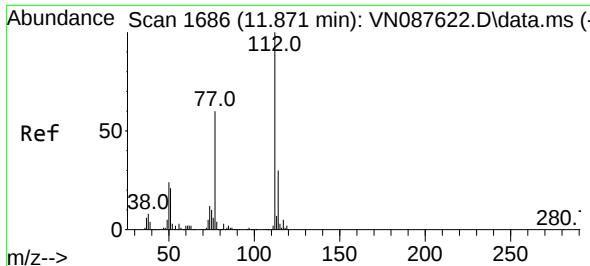
Tgt Ion:117 Resp: 364439
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.8 24.3 36.5



#64
Tetrachloroethene
Concen: 43.955 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:164 Resp: 111138
Ion Ratio Lower Upper
164 100
166 119.6 97.7 146.5
129 101.3 85.9 128.9
131 93.1 83.2 124.8

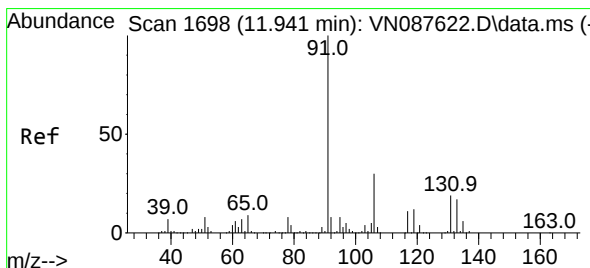
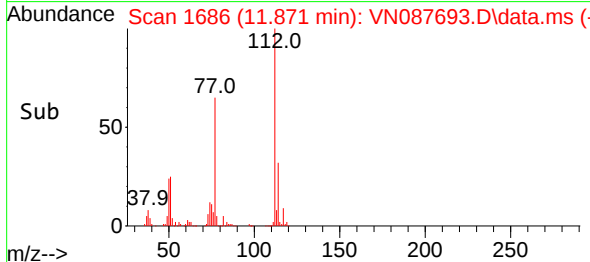
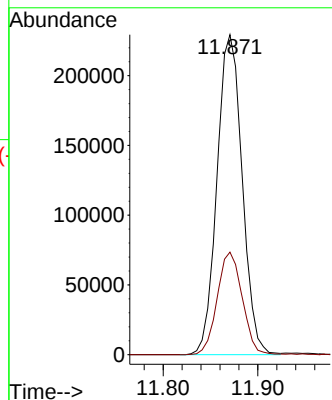
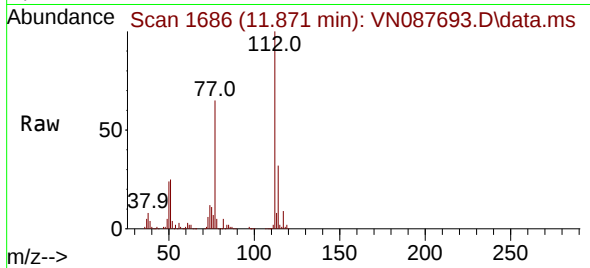




#65
Chlorobenzene
Concen: 46.722 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

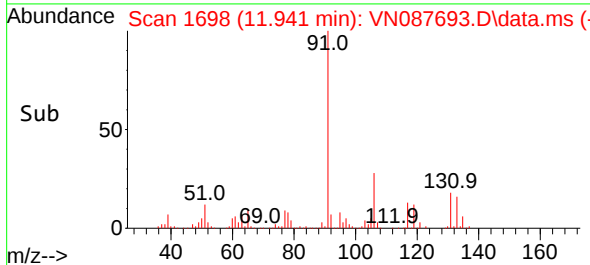
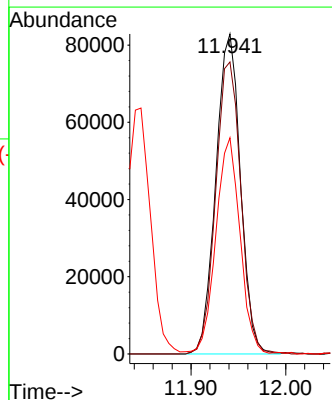
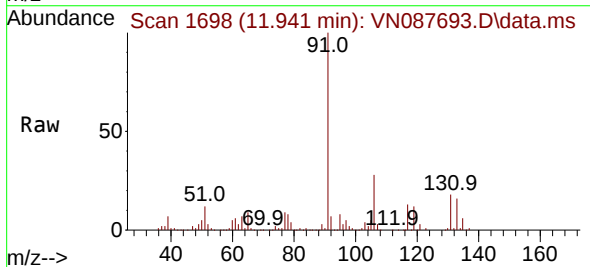
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

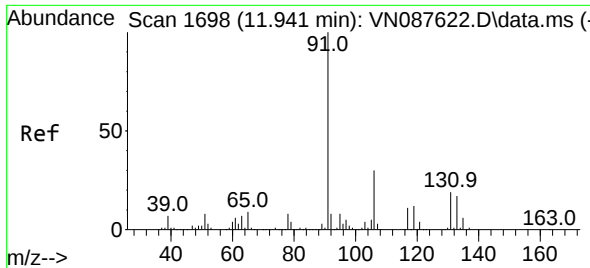
Tgt Ion:112 Resp: 423617
Ion Ratio Lower Upper
112 100
114 32.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.730 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:131 Resp: 149687
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.0
119 65.5 32.6 97.7

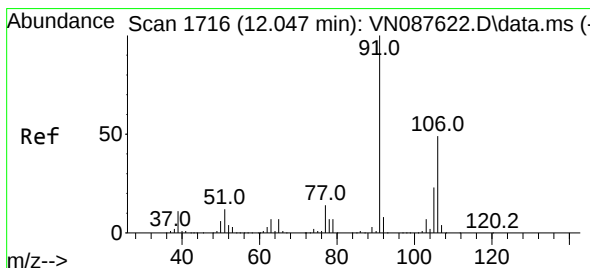
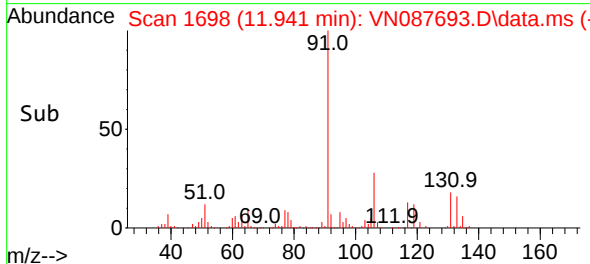
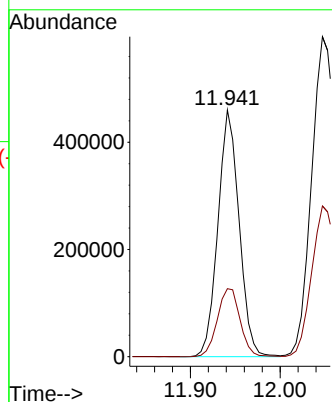
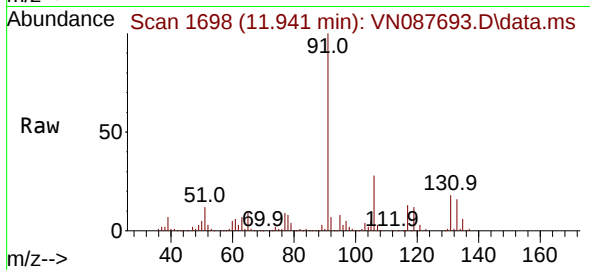




#67
Ethyl Benzene
Concen: 48.059 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

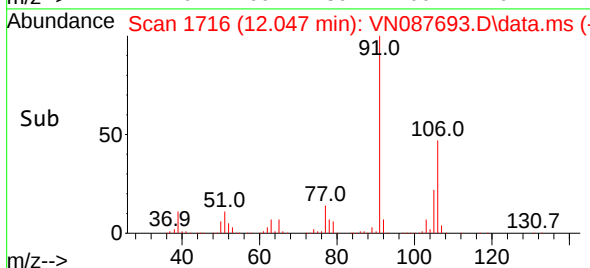
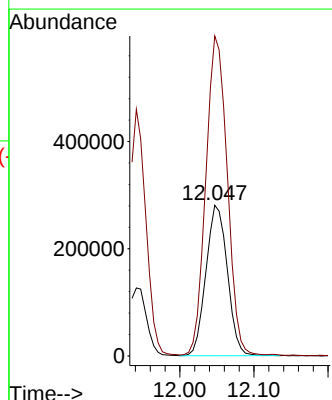
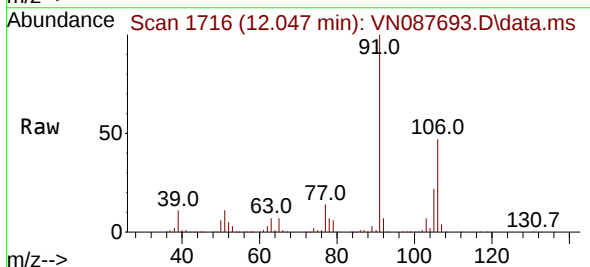
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

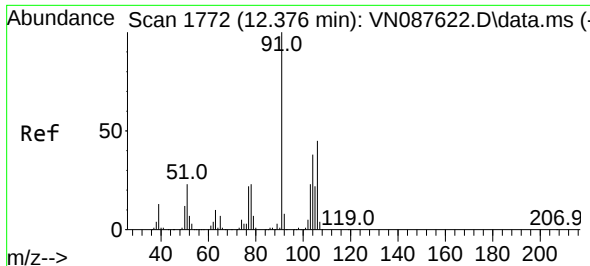
Tgt Ion: 91 Resp: 754439
Ion Ratio Lower Upper
91 100
106 27.6 24.1 36.1



#68
m/p-Xylenes
Concen: 98.046 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 106 Resp: 564475
Ion Ratio Lower Upper
106 100
91 211.1 169.3 253.9

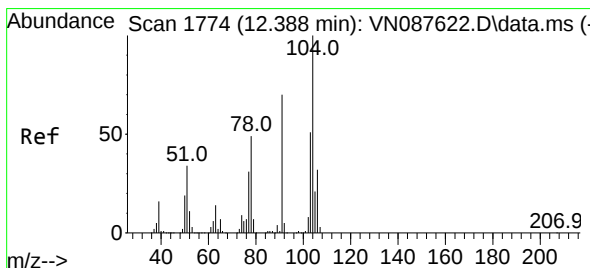
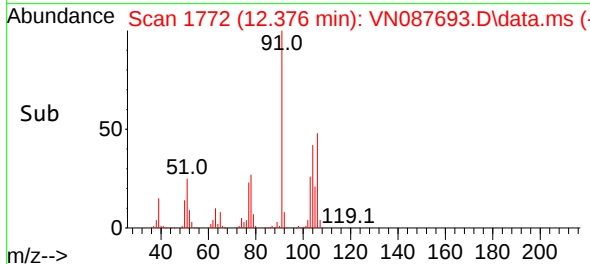
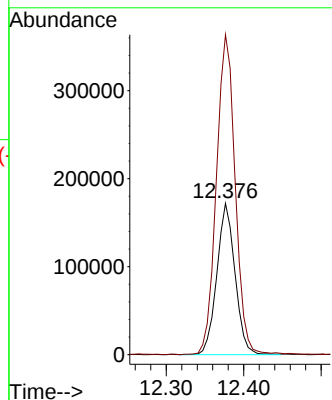
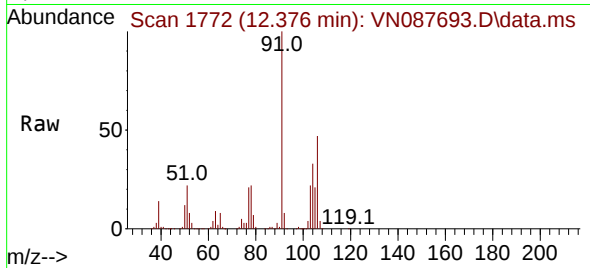




#69
o-Xylene
Concen: 49.726 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

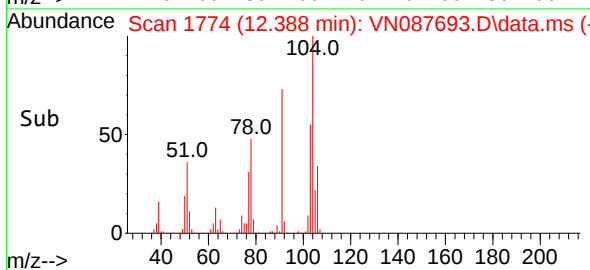
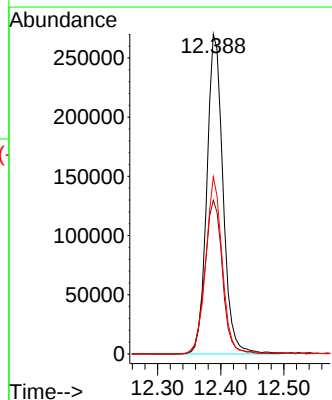
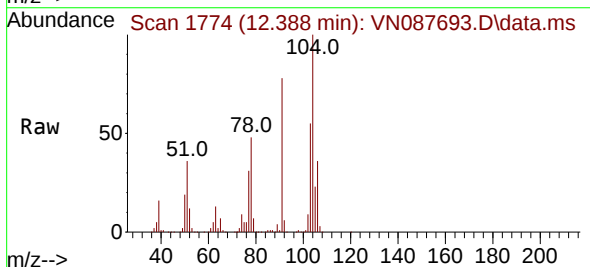
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

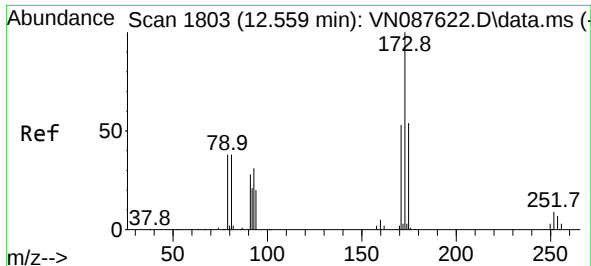
Tgt Ion:106 Resp: 280558
Ion Ratio Lower Upper
106 100
91 219.8 111.4 334.2



#70
Styrene
Concen: 51.018 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:104 Resp: 482243
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.2
103 56.2 43.4 65.2

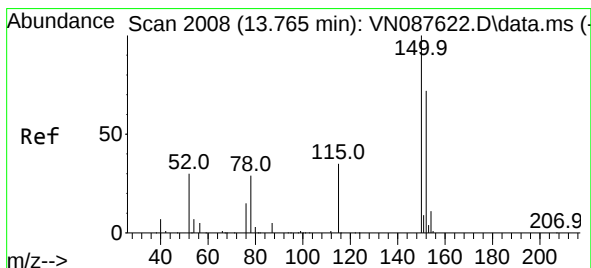
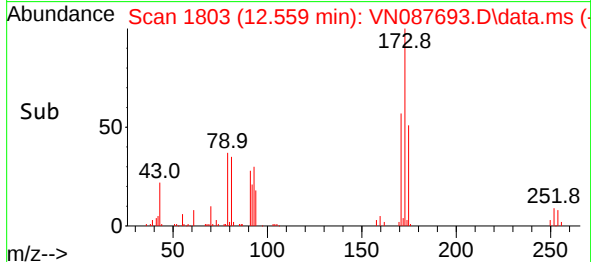
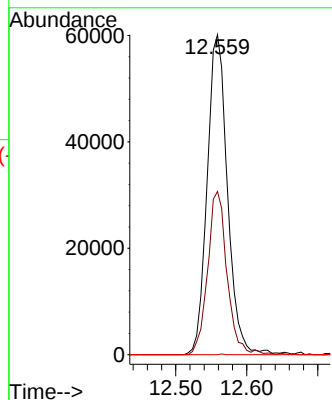
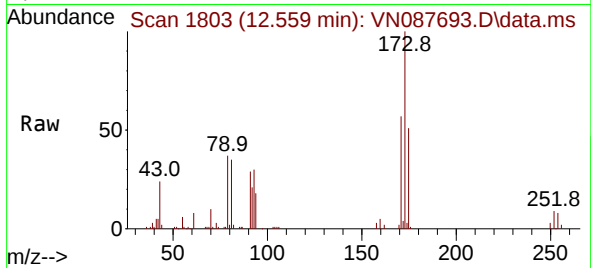




#71
Bromoform
Concen: 51.760 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

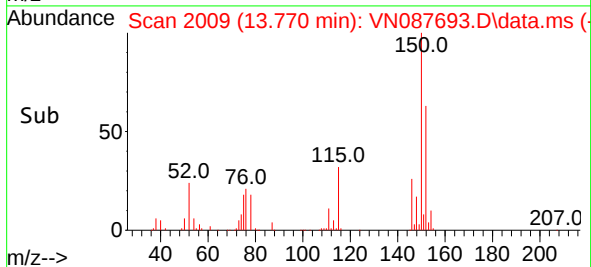
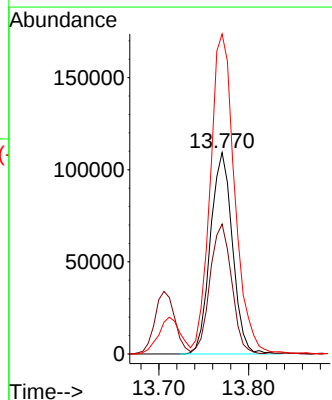
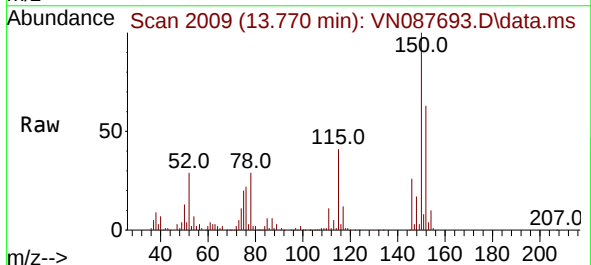
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

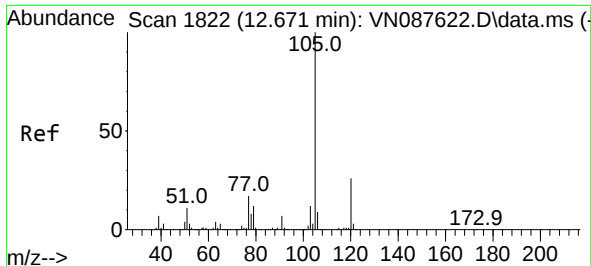
Tgt Ion:173 Resp: 119487
Ion Ratio Lower Upper
173 100
175 48.2 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion:152 Resp: 186778
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 175.1 0.0 351.0

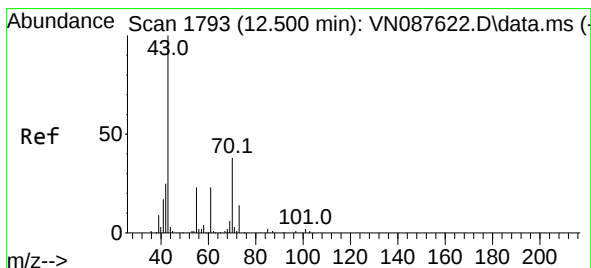
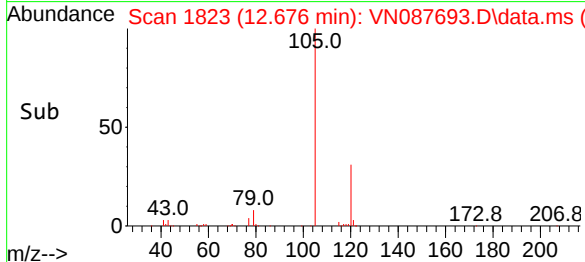
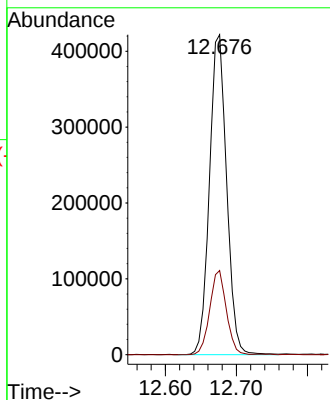
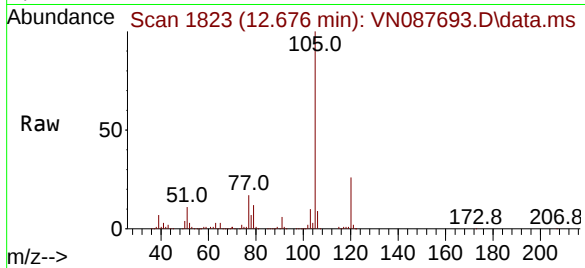




#73
Isopropylbenzene
Concen: 46.924 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

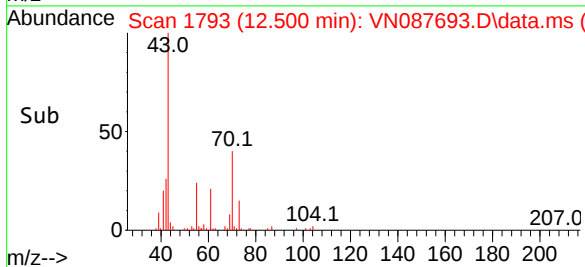
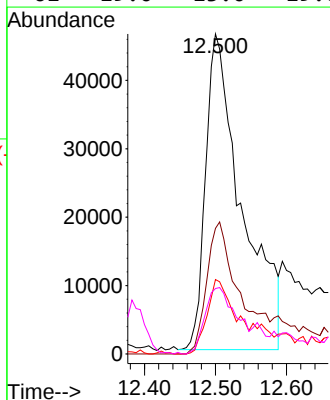
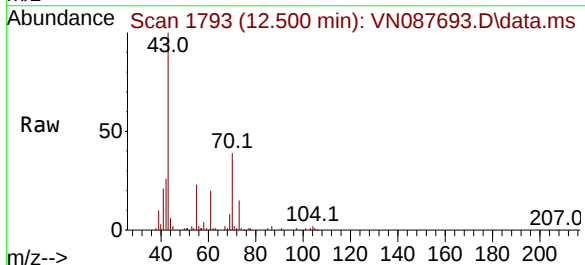
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

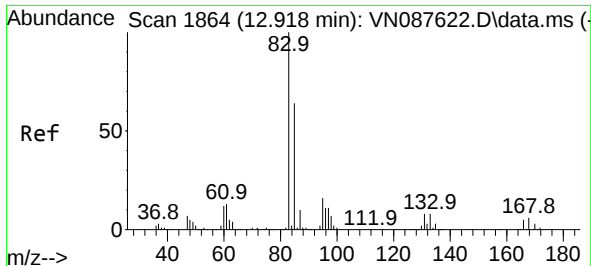
Tgt Ion:105 Resp: 708214
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 28.719 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 43 Resp: 164266
Ion Ratio Lower Upper
43 100
70 38.2 27.6 41.4
55 18.0 13.0 19.6
61 19.0 13.0 19.6

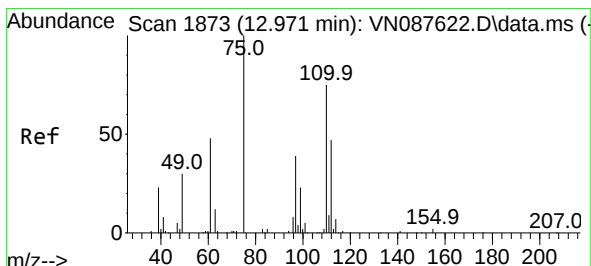
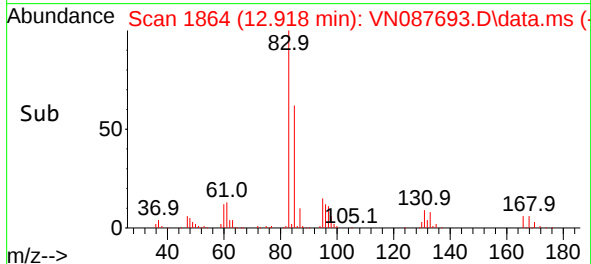
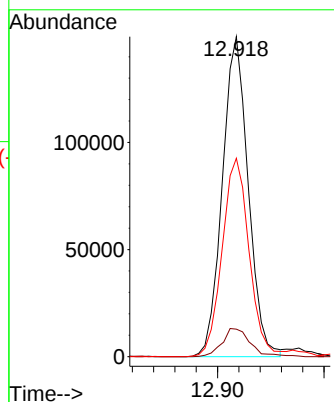
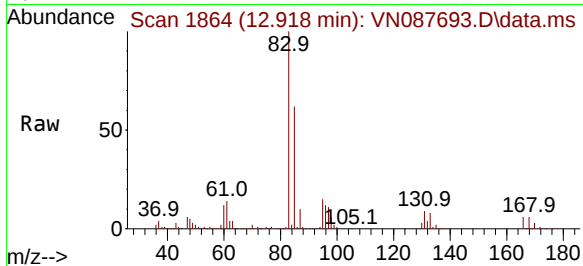




#75
1,1,2,2-Tetrachloroethane
Concen: 48.509 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

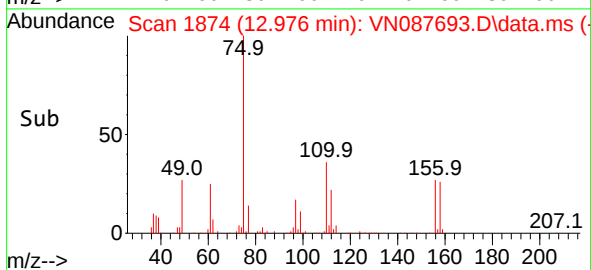
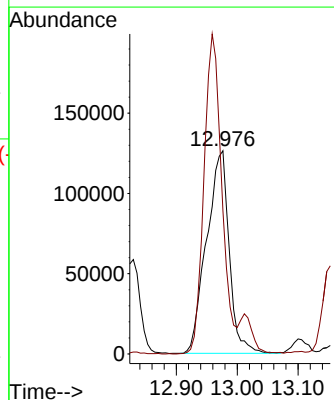
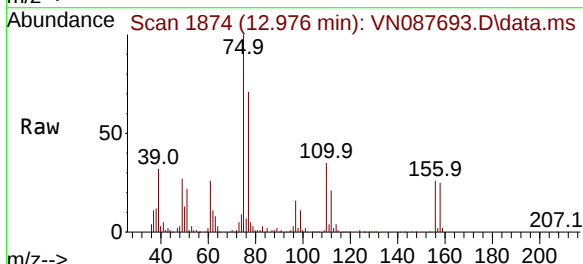
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

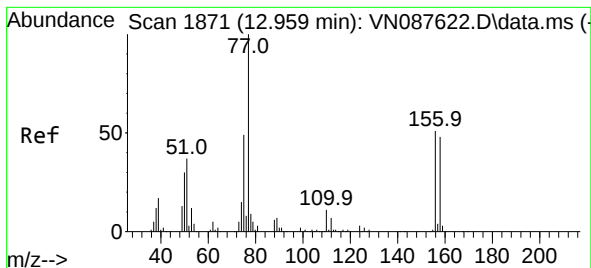
Tgt Ion: 83 Resp: 252067
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.7 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 74.219 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 75 Resp: 325083
Ion Ratio Lower Upper
75 100
77 125.0 89.1 267.4





#77

Bromobenzene

Concen: 46.974 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

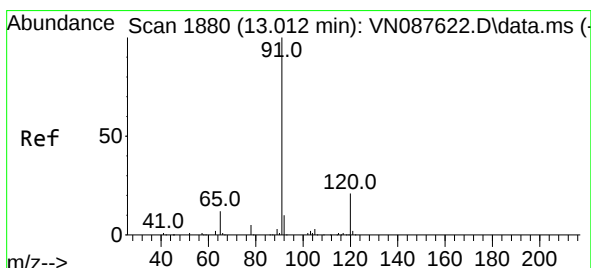
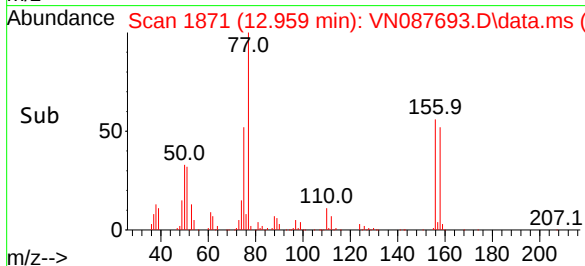
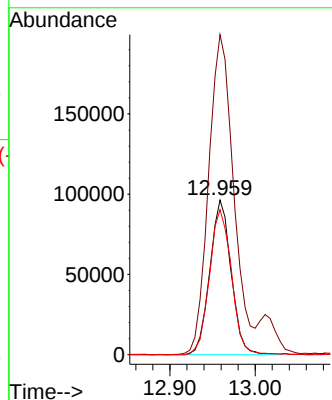
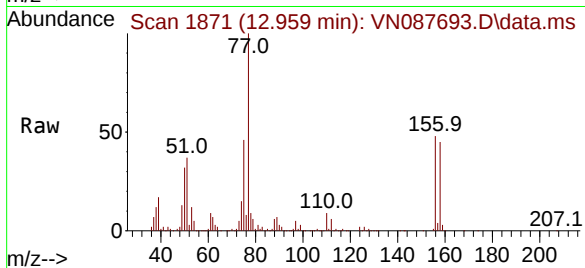
Tgt Ion:156 Resp: 167164

Ion Ratio Lower Upper

156 100

77 243.2 119.3 358.0

158 97.1 48.2 144.6



#78

n-propylbenzene

Concen: 47.610 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087693.D

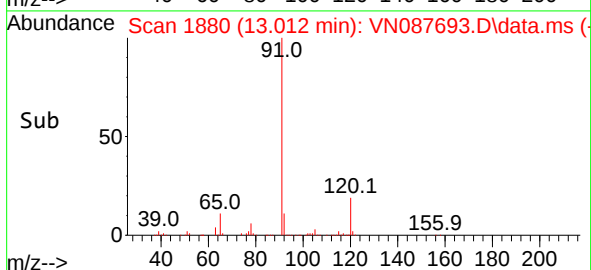
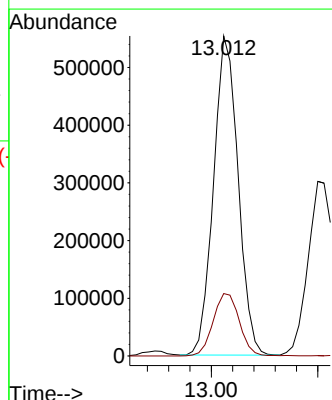
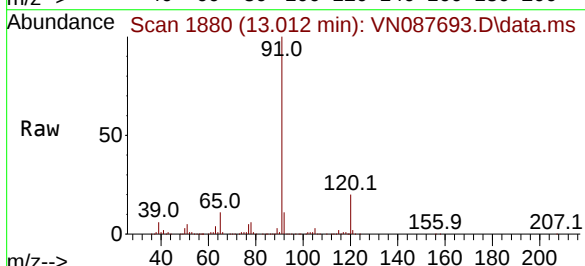
Acq: 29 Aug 2025 12:05

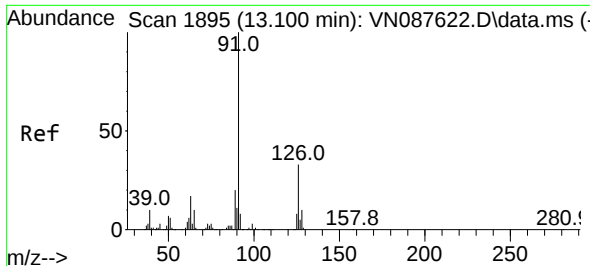
Tgt Ion: 91 Resp: 885108

Ion Ratio Lower Upper

91 100

120 20.9 10.7 32.1

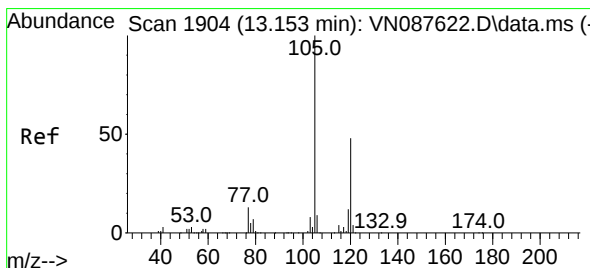
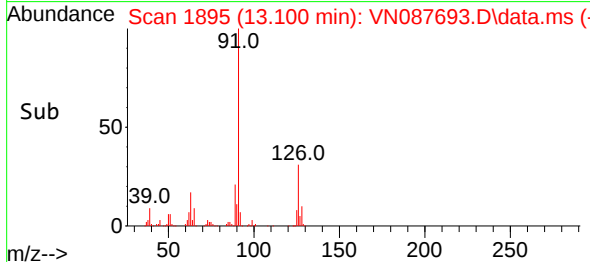
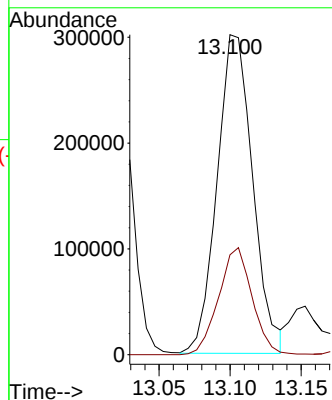
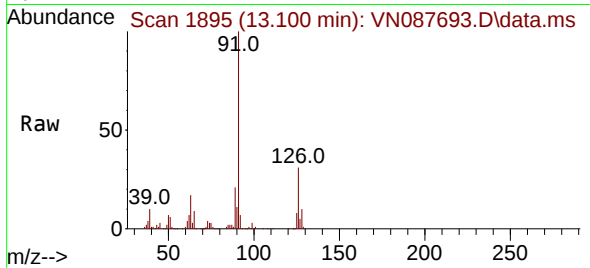




#79
2-Chlorotoluene
Concen: 47.040 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

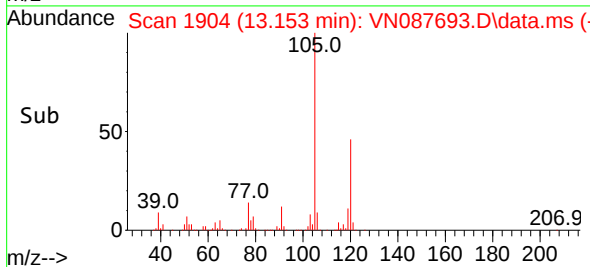
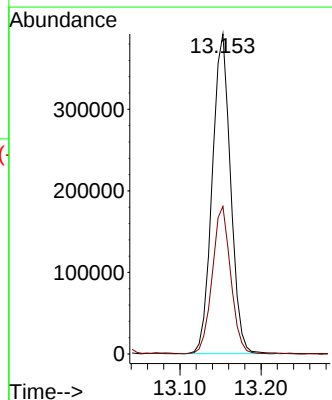
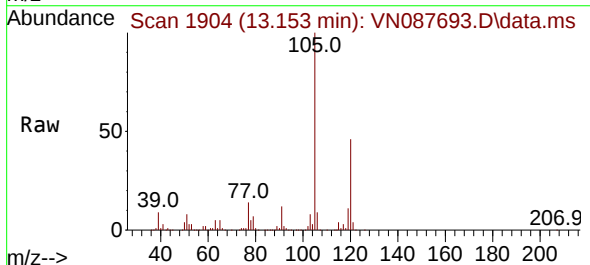
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

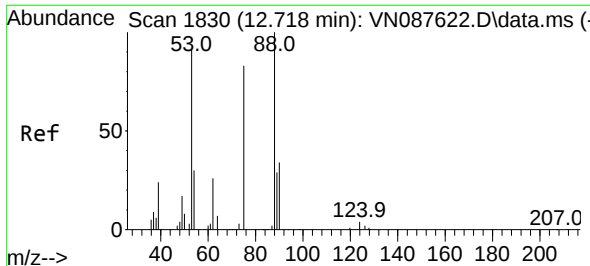
Tgt Ion: 91 Resp: 526261
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 48.034 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 105 Resp: 615009
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6

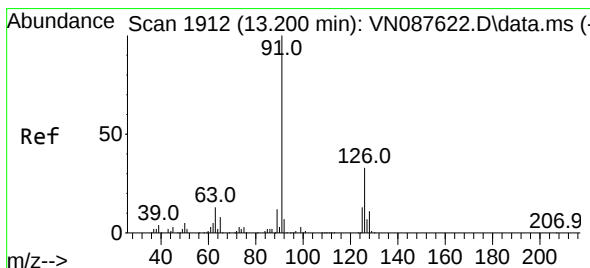
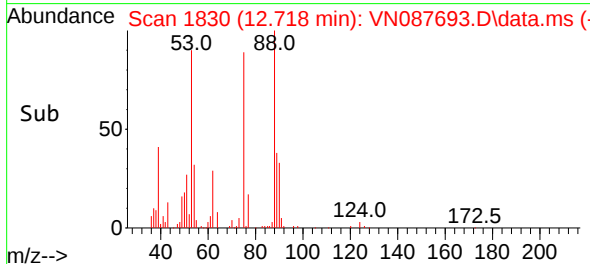
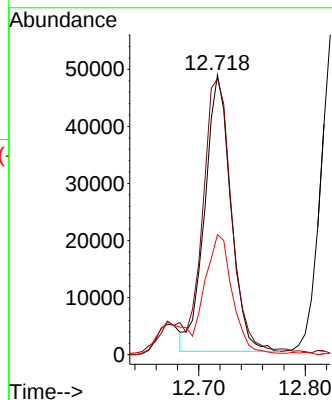
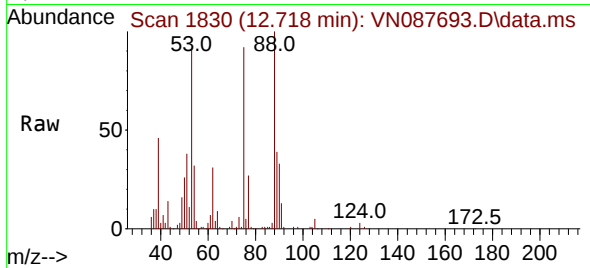




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.968 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

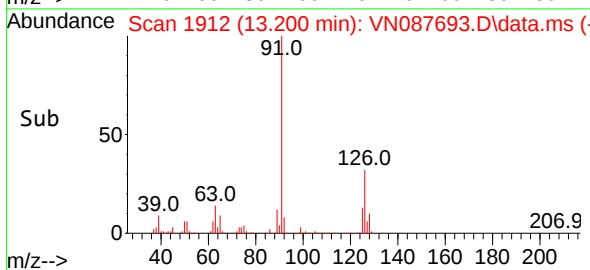
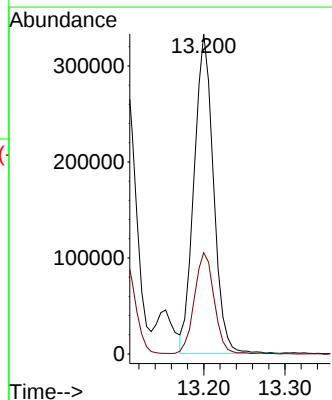
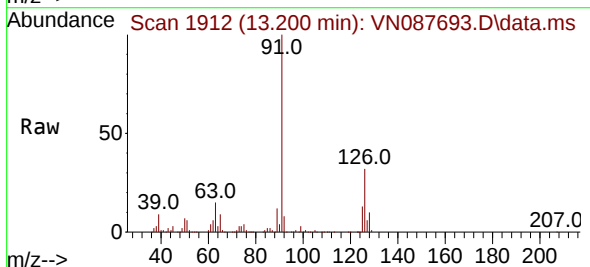
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

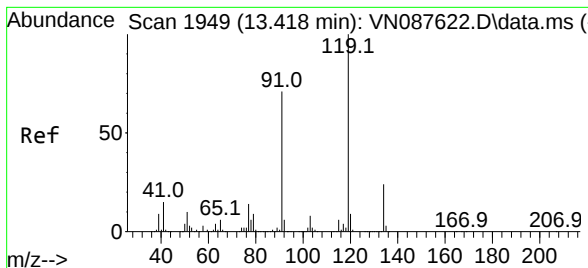
Tgt Ion: 75 Resp: 82671
 Ion Ratio Lower Upper
 75 100
 53 120.3 101.8 152.6
 89 44.4 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 46.819 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

Tgt Ion: 91 Resp: 550714
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.6 46.8

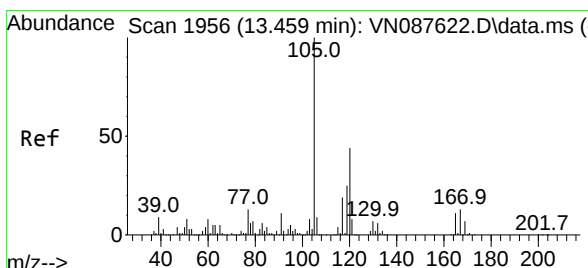
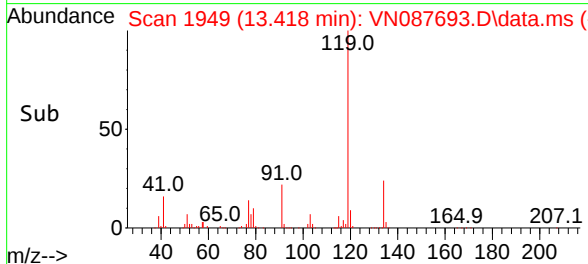
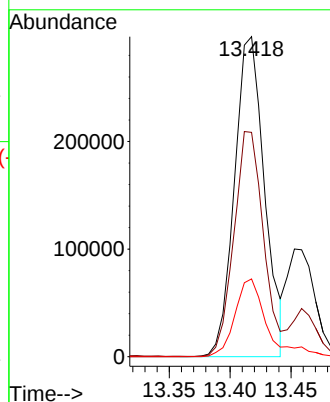
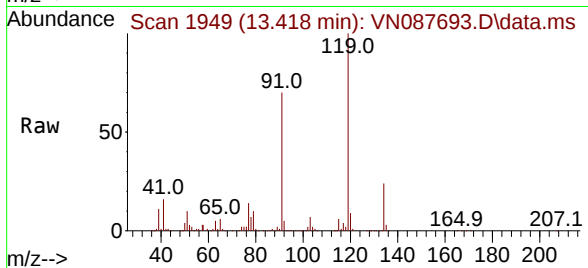




#83
 tert-Butylbenzene
 Concen: 47.855 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

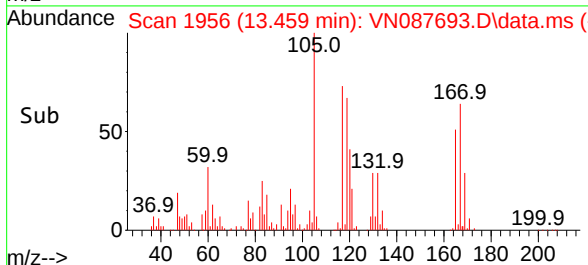
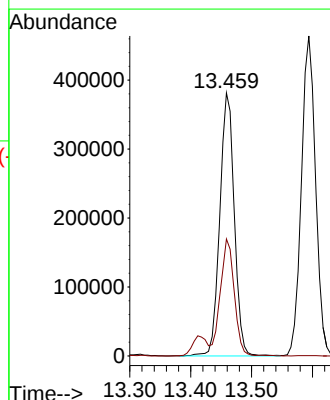
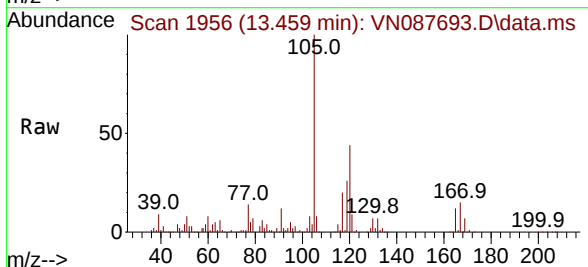
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

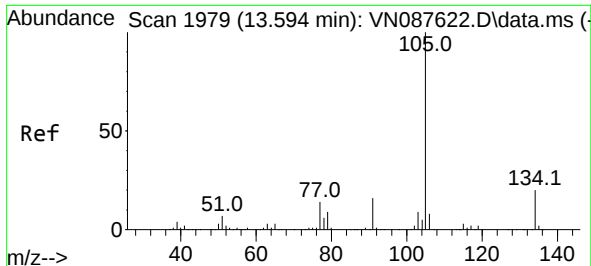
Tgt Ion:119 Resp: 510588
 Ion Ratio Lower Upper
 119 100
 91 68.8 35.0 105.0
 134 25.7 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.159 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

Tgt Ion:105 Resp: 630082
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.0 66.0

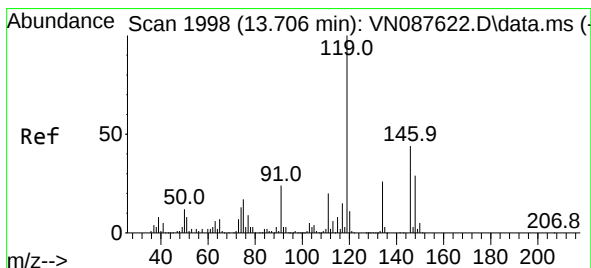
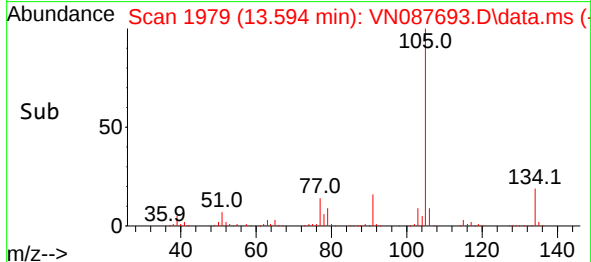
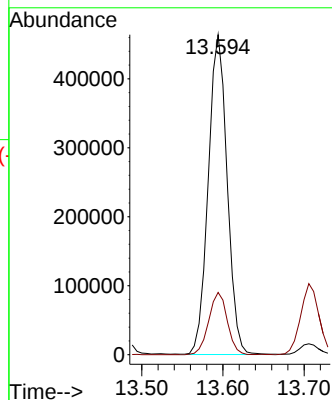
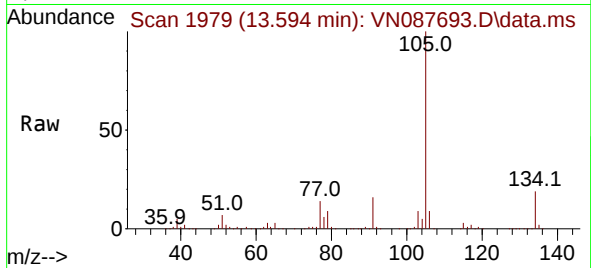




#85
 sec-Butylbenzene
 Concen: 47.332 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

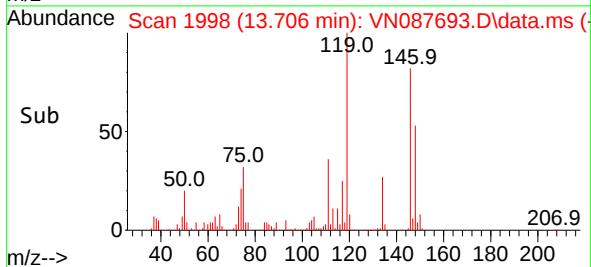
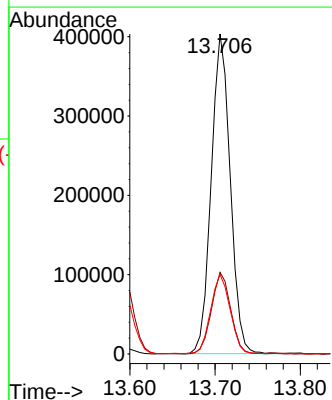
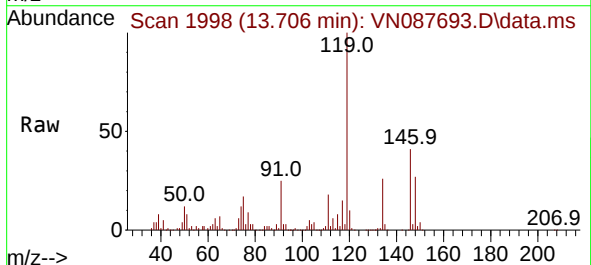
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

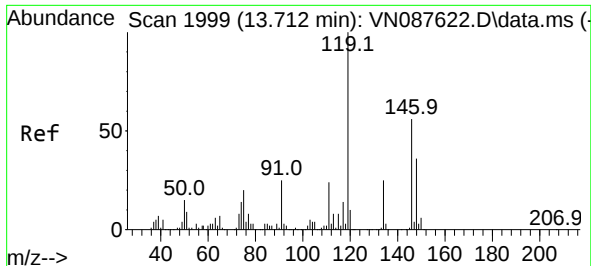
Tgt Ion:105 Resp: 749419
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 47.687 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

Tgt Ion:119 Resp: 623474
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.0
 91 25.3 12.5 37.5

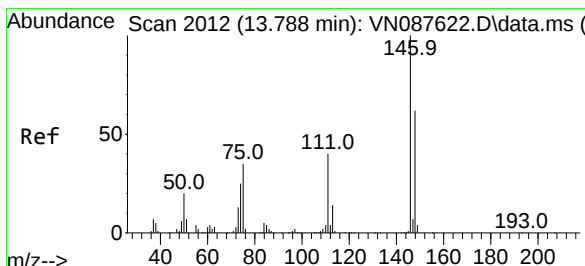
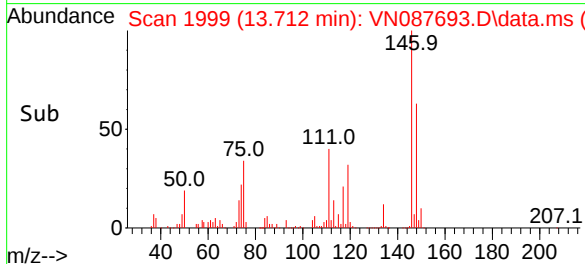
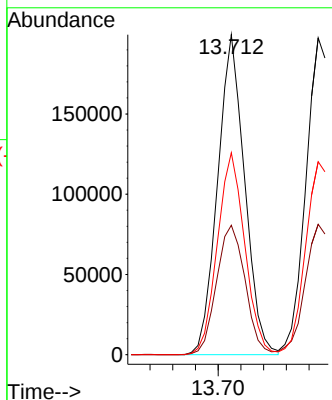
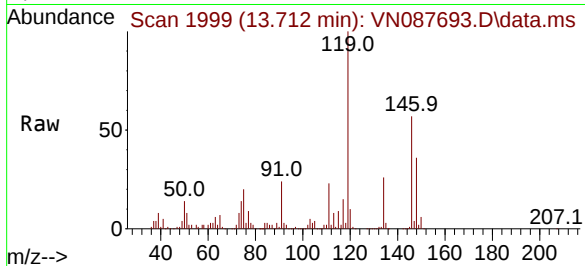




#87
 1,3-Dichlorobenzene
 Concen: 47.143 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

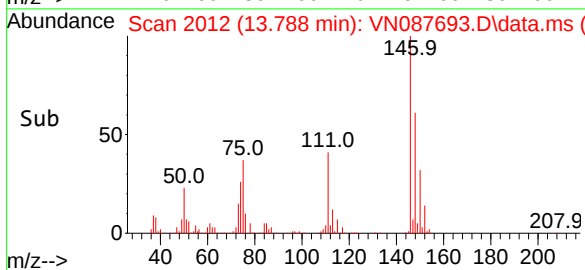
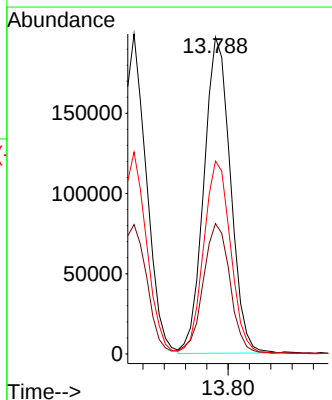
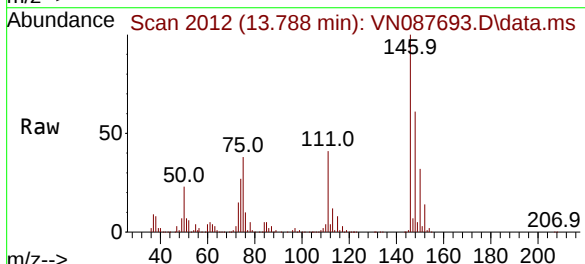
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

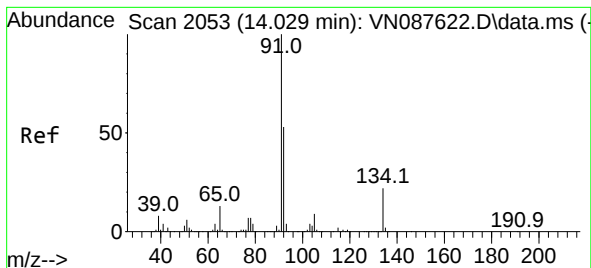
Tgt Ion:146 Resp: 330379
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.1 66.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.670 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087693.D
 Acq: 29 Aug 2025 12:05

Tgt Ion:146 Resp: 340358
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.0 63.0
 148 62.1 32.0 96.0





#89

n-Butylbenzene

Concen: 47.499 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

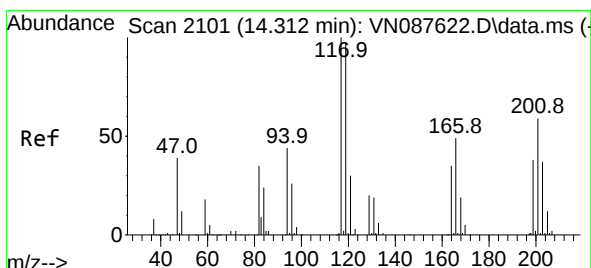
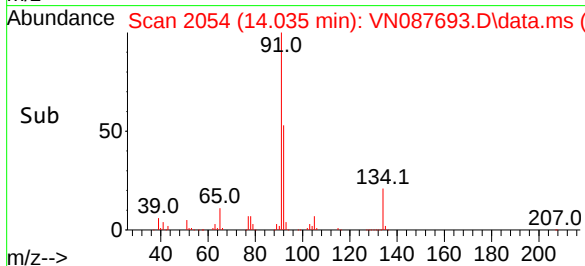
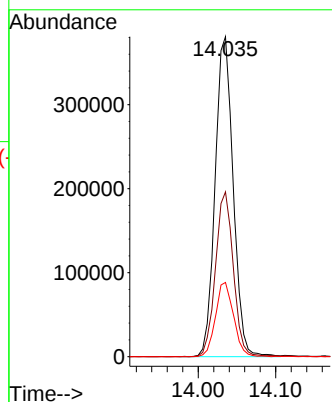
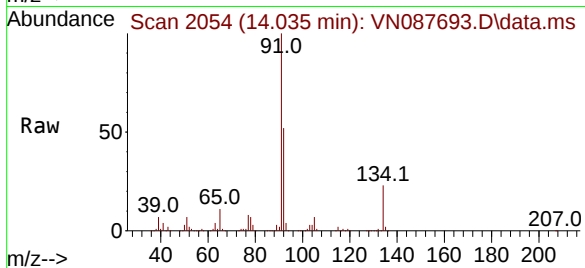
Tgt Ion: 91 Resp: 616765

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

134 23.3 11.7 35.0



#90

Hexachloroethane

Concen: 48.729 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087693.D

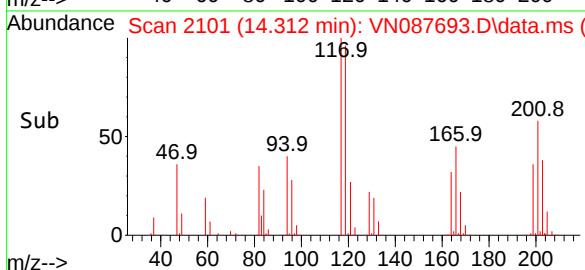
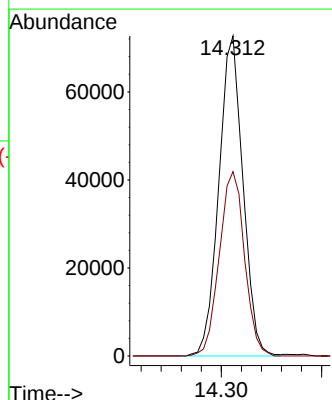
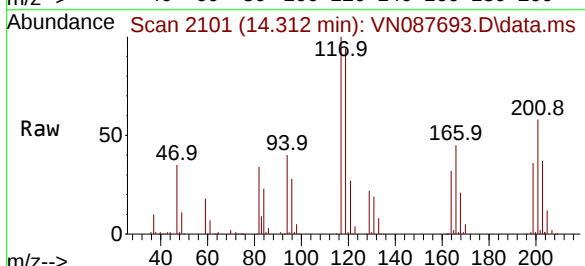
Acq: 29 Aug 2025 12:05

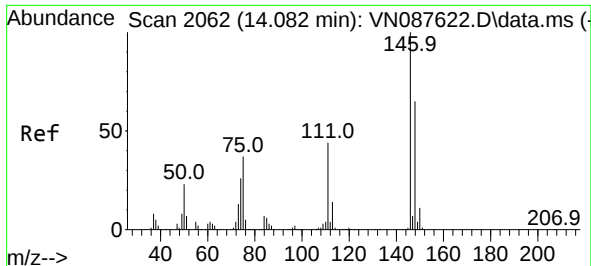
Tgt Ion: 117 Resp: 121377

Ion Ratio Lower Upper

117 100

201 60.0 29.1 87.4

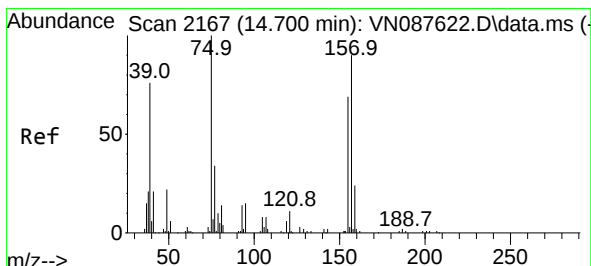
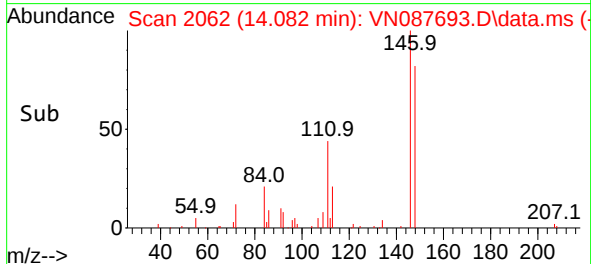
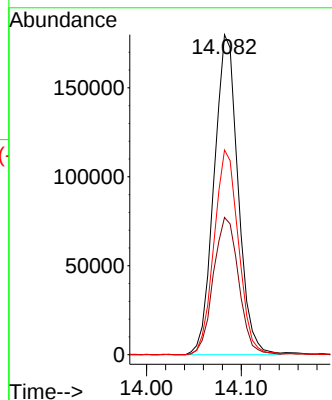
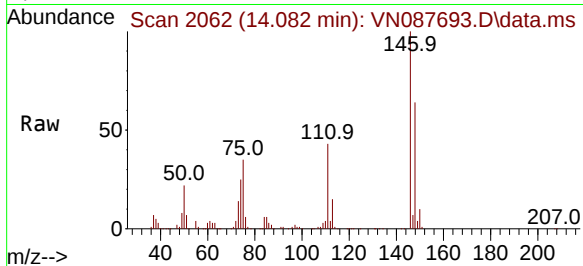




#91
1,2-Dichlorobenzene
Concen: 47.628 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

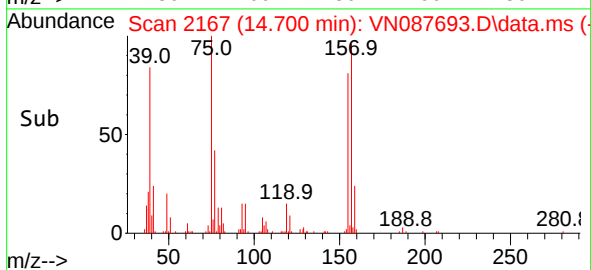
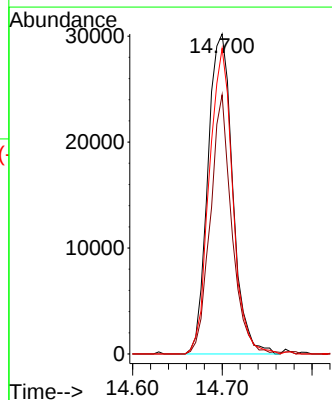
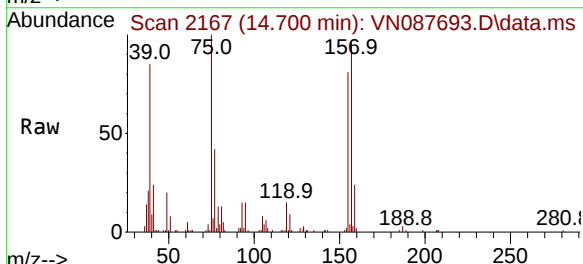
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 316654
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 65.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.940 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087693.D
Acq: 29 Aug 2025 12:05

Tgt Ion: 75 Resp: 57942
Ion Ratio Lower Upper
75 100
155 70.3 36.6 109.9
157 90.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 46.590 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

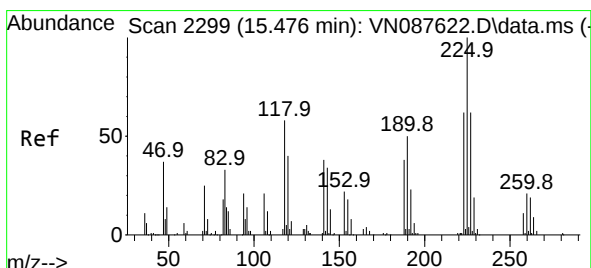
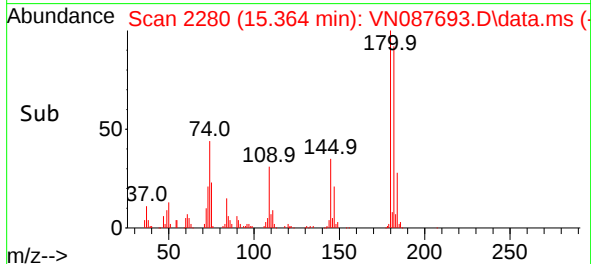
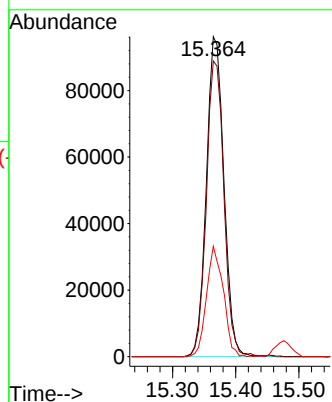
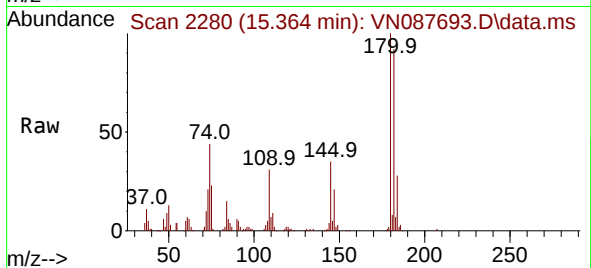
Tgt Ion:180 Resp: 186005

Ion Ratio Lower Upper

180 100

182 92.1 47.6 142.9

145 33.1 16.5 49.5



#94

Hexachlorobutadiene

Concen: 45.412 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

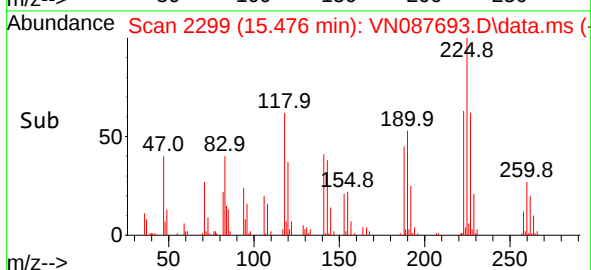
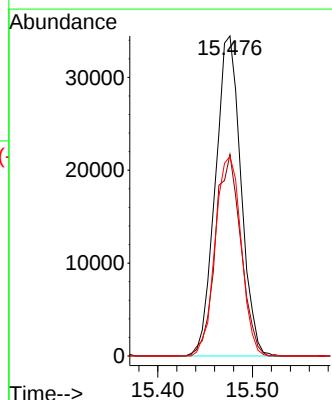
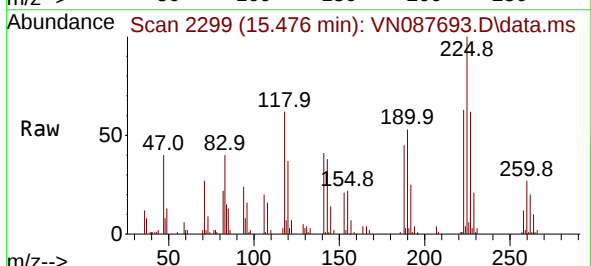
Tgt Ion:225 Resp: 64636

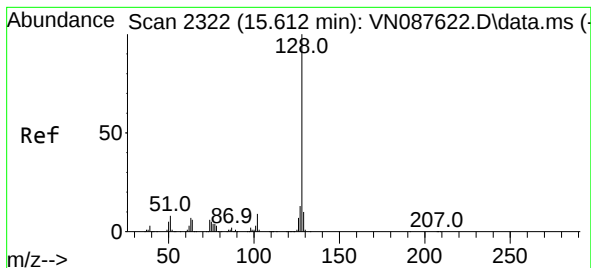
Ion Ratio Lower Upper

225 100

223 62.9 32.0 96.2

227 63.3 32.1 96.5





#95

Naphthalene

Concen: 47.807 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

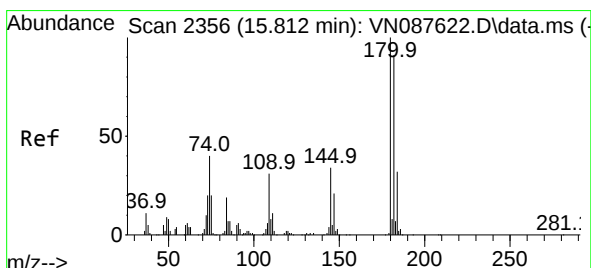
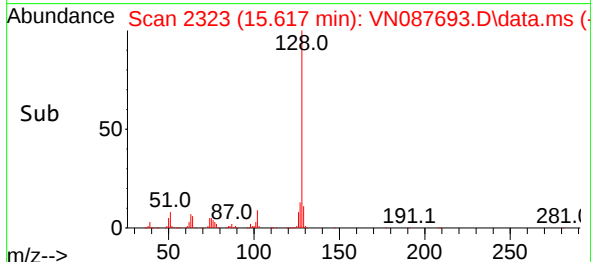
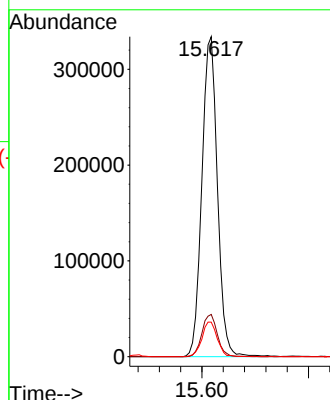
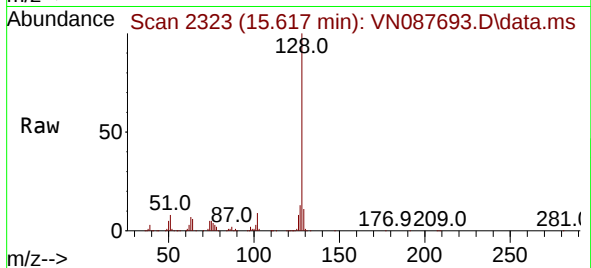
Tgt Ion:128 Resp: 676040

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.124 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087693.D

Acq: 29 Aug 2025 12:05

Tgt Ion:180 Resp: 180020

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.3

145 34.4 17.3 52.0

