

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087676.D
 Acq On : 28 Aug 2025 11:33
 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 03:14:24 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	200815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	393512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	367312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	185443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	222988	54.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.400%
35) Dibromofluoromethane	8.147	113	156925	55.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.460%
50) Toluene-d8	10.541	98	583324	54.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.829	95	210198	55.582	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	158108	55.435	ug/l	95
3) Chloromethane	2.383	50	157396	53.699	ug/l	98
4) Vinyl Chloride	2.536	62	179683	52.872	ug/l	98
5) Bromomethane	2.971	94	89371	50.966	ug/l	97
6) Chloroethane	3.130	64	123483	51.697	ug/l	97
7) Trichlorofluoromethane	3.507	101	273675	54.965	ug/l	98
8) Diethyl Ether	3.959	74	107015	49.351	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	144936	51.443	ug/l	98
10) Methyl Iodide	4.571	142	82113	40.497	ug/l	98
11) Tert butyl alcohol	5.518	59	171975	240.765	ug/l	100
12) 1,1-Dichloroethene	4.330	96	145235	50.163	ug/l	95
13) Acrolein	4.177	56	227887	259.517	ug/l	99
14) Allyl chloride	5.006	41	217499	41.455	ug/l	94
15) Acrylonitrile	5.701	53	503150	249.769	ug/l	99
16) Acetone	4.418	43	491566	219.470	ug/l	100
17) Carbon Disulfide	4.701	76	385041	48.308	ug/l	97
18) Methyl Acetate	5.018	43	263020	56.085	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	549898	50.629	ug/l	96
20) Methylene Chloride	5.259	84	165393	51.079	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	150429	47.940	ug/l	93
22) Diisopropyl ether	6.659	45	588143	51.946	ug/l	97
23) Vinyl Acetate	6.589	43	2553306	247.874	ug/l	100
24) 1,1-Dichloroethane	6.553	63	305398	49.195	ug/l	97
25) 2-Butanone	7.465	43	710465	241.104	ug/l	98
26) 2,2-Dichloropropane	7.471	77	124906	23.443	ug/l	93
27) cis-1,2-Dichloroethene	7.471	96	183644	48.956	ug/l	97
28) Bromochloromethane	7.794	49	151748	50.563	ug/l	100
29) Tetrahydrofuran	7.824	42	480840	253.557	ug/l	98
30) Chloroform	7.947	83	324876	51.272	ug/l	99
31) Cyclohexane	8.236	56	252621	48.814	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	273237	50.884	ug/l	98
36) 1,1-Dichloropropene	8.353	75	215696	49.487	ug/l	99
37) Ethyl Acetate	7.547	43	290413	48.759	ug/l	98
38) Carbon Tetrachloride	8.342	117	228899	53.190	ug/l	93
39) Methylcyclohexane	9.583	83	233948	48.753	ug/l	93
40) Benzene	8.589	78	684914	51.233	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	154717	50.147	ug/l	99
42) 1,2-Dichloroethane	8.647	62	263313	51.255	ug/l	98
43) Isopropyl Acetate	8.671	43	476217	51.212	ug/l	99
44) Trichloroethene	9.330	130	150098	49.177	ug/l	93
45) 1,2-Dichloropropane	9.600	63	173951	49.364	ug/l	97
46) Dibromomethane	9.688	93	129455	51.624	ug/l	100
47) Bromodichloromethane	9.865	83	264350	51.437	ug/l	97
48) Methyl methacrylate	9.659	41	226591	51.516	ug/l	98
49) 1,4-Dioxane	9.677	88	61326	1075.707	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	1499897	267.341	ug/l	99
52) Toluene	10.606	92	427963	51.637	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	243407	45.756	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	254431	46.063	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	165700	51.683	ug/l	97
56) Ethyl methacrylate	10.853	69	278715	54.397	ug/l	97
57) 1,3-Dichloropropane	11.141	76	299771	52.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	714693	257.710	ug/l	100
59) 2-Hexanone	11.177	43	1016103	286.566	ug/l	100
60) Dibromochloromethane	11.335	129	190216	51.204	ug/l	100
61) 1,2-Dibromoethane	11.447	107	172136	50.918	ug/l	100
64) Tetrachloroethene	11.083	164	131848	51.738	ug/l	93
65) Chlorobenzene	11.871	112	456729	49.980	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	161756	53.319	ug/l	99
67) Ethyl Benzene	11.941	91	817830	51.689	ug/l	99
68) m/p-Xylenes	12.047	106	604027	104.095	ug/l	98
69) o-Xylene	12.377	106	294498	51.788	ug/l	99
70) Styrene	12.388	104	517502	54.320	ug/l	99
71) Bromoform	12.559	173	122193	52.519	ug/l #	98
73) Isopropylbenzene	12.671	105	768116	51.259	ug/l	100
74) N-amyl acetate	12.494	43	172462	30.369	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.918	83	264952	51.356	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	329641	75.802	ug/l	64
77) Bromobenzene	12.959	156	178089	50.404	ug/l	99
78) n-propylbenzene	13.012	91	957714	51.887	ug/l	100
79) 2-Chlorotoluene	13.100	91	573787	51.657	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	655962	51.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	66012	40.186	ug/l	86
82) 4-Chlorotoluene	13.200	91	584857	50.080	ug/l	97
83) tert-Butylbenzene	13.412	119	562477	53.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	674684	53.018	ug/l	100
85) sec-Butylbenzene	13.594	105	821536	52.260	ug/l	100
86) p-Isopropyltoluene	13.706	119	672819	51.831	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	349988	50.301	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	356790	49.275	ug/l	99
89) n-Butylbenzene	14.035	91	650921	50.490	ug/l	100
90) Hexachloroethane	14.312	117	135641	54.847	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	336552	50.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	59956	48.921	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	193202	48.741	ug/l	98
94) Hexachlorobutadiene	15.476	225	66276	46.900	ug/l	99
95) Naphthalene	15.612	128	702614	50.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	189286	48.847	ug/l	100

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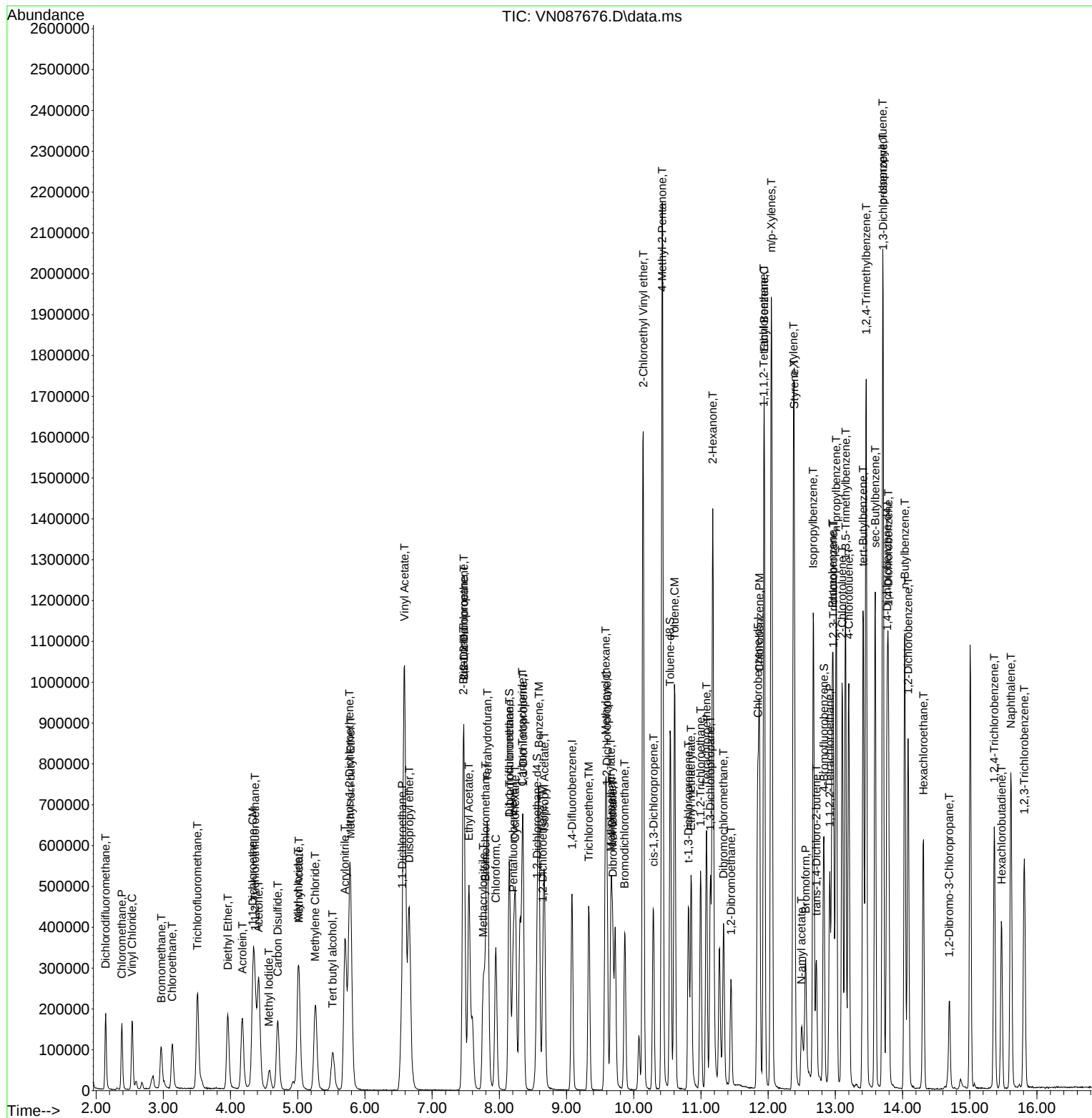
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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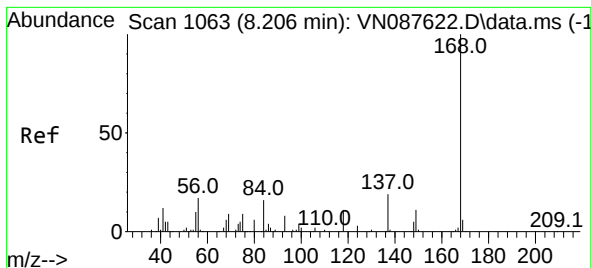
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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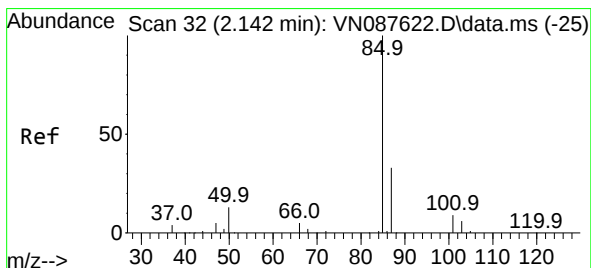
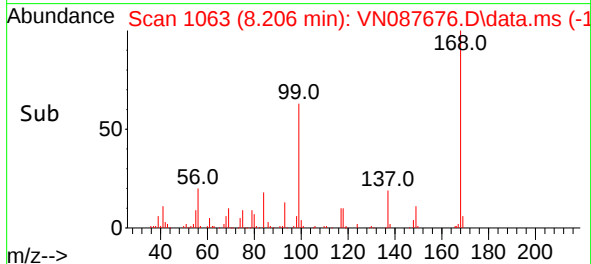
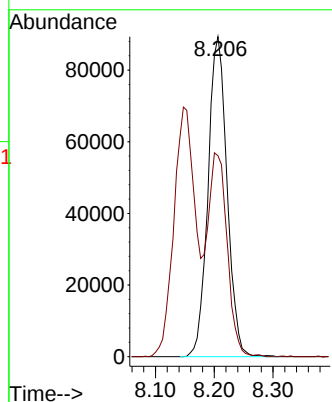
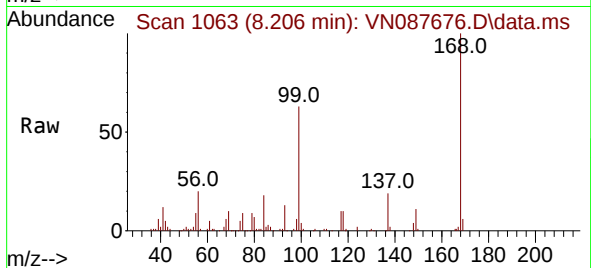




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087676.D
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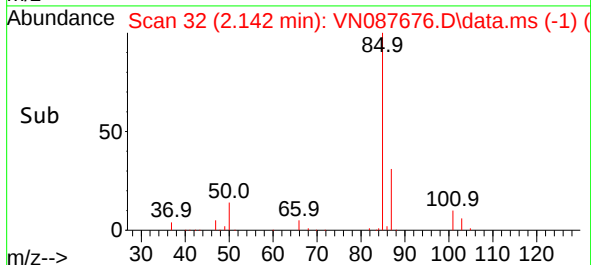
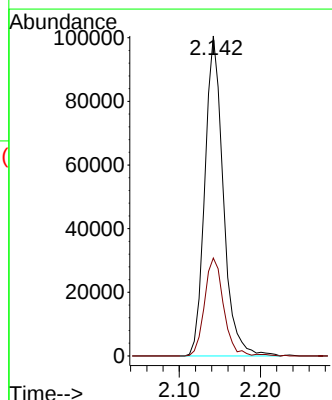
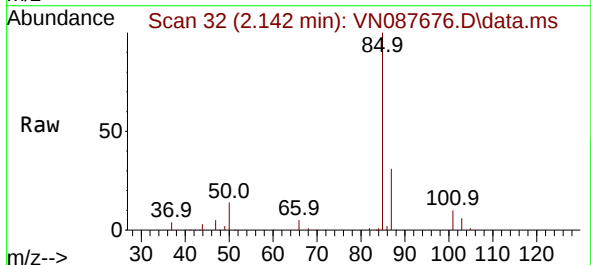
Instrument :
MSVOA_N
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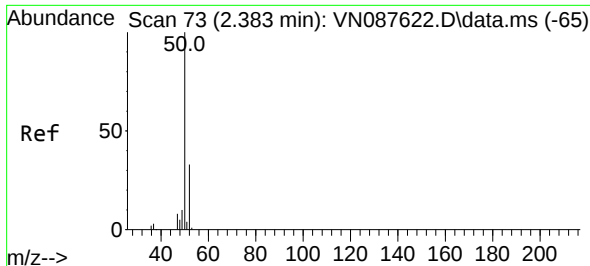
Tgt Ion:168 Resp: 200815
Ion Ratio Lower Upper
168 100
99 62.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 55.435 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 85 Resp: 158108
Ion Ratio Lower Upper
85 100
87 30.6 16.6 49.8

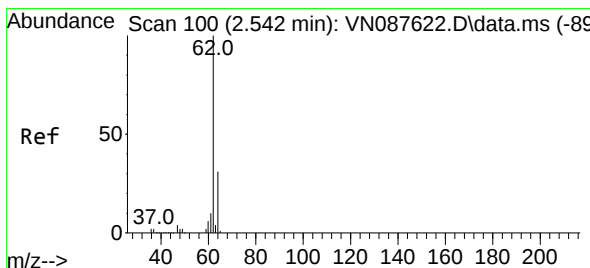
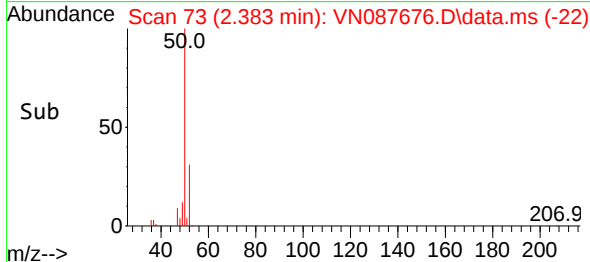
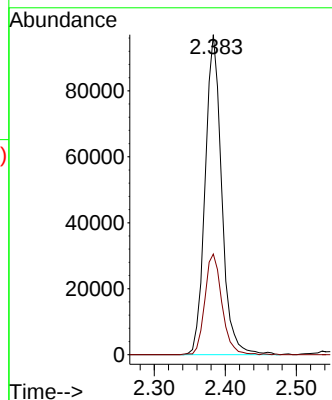
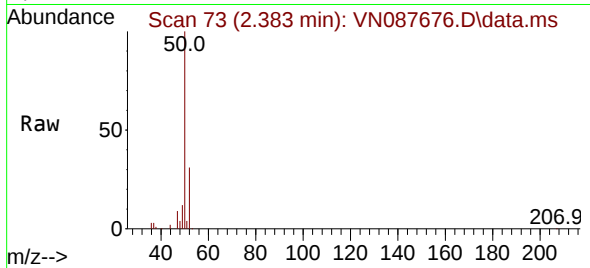




#3
Chloromethane
Concen: 53.699 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087676.D
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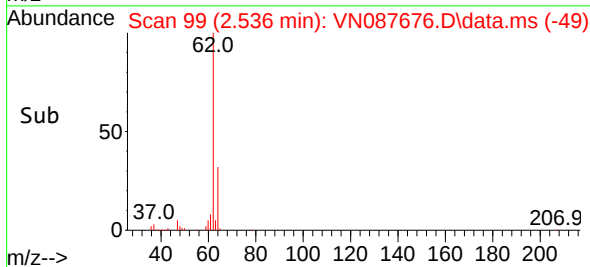
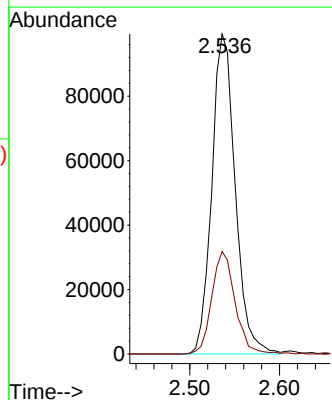
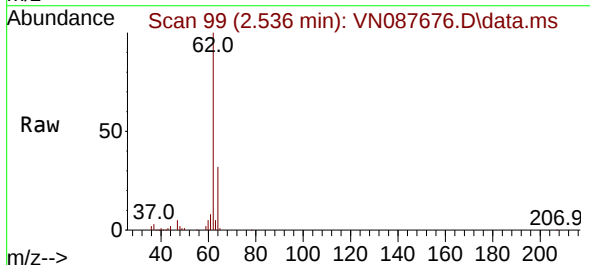
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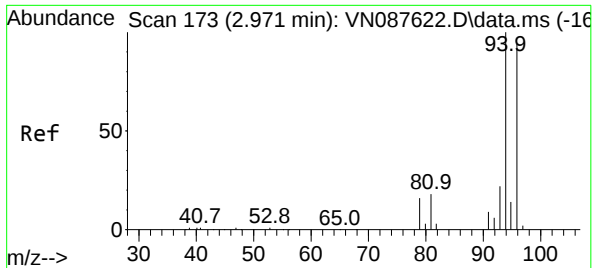
Tgt Ion: 50 Resp: 157396
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4



#4
Vinyl Chloride
Concen: 52.872 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 62 Resp: 179683
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0

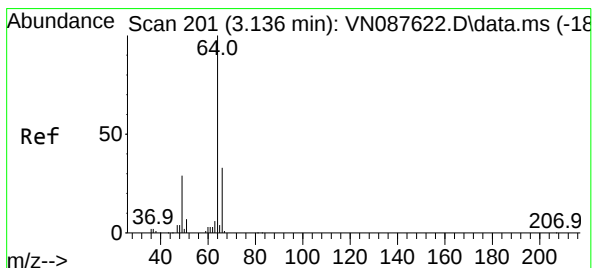
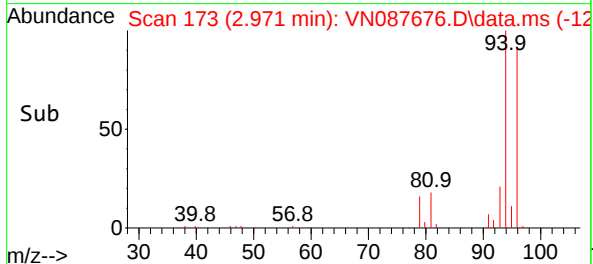
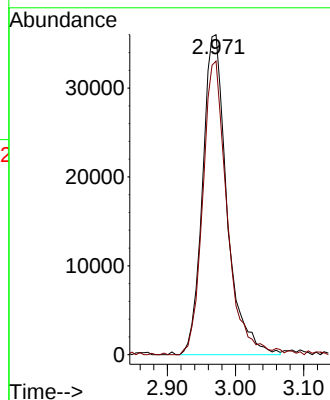
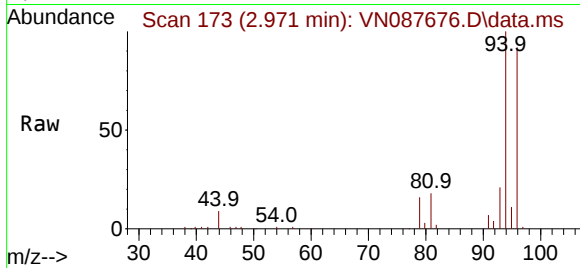




#5
Bromomethane
Concen: 50.966 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087676.D
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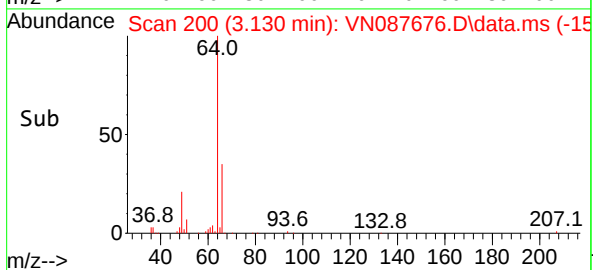
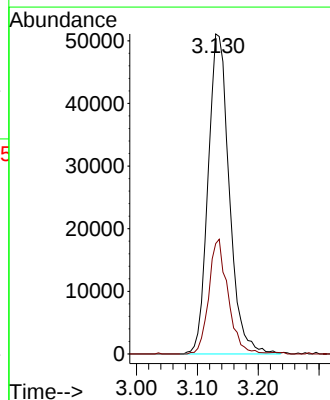
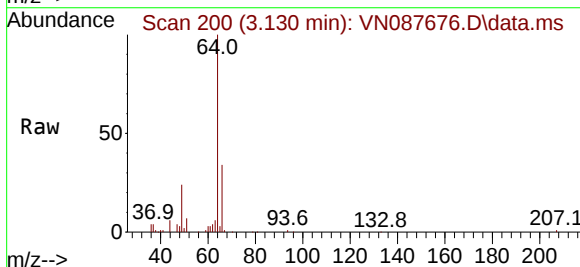
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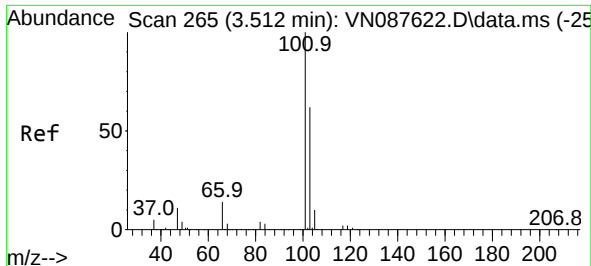
Tgt Ion: 94 Resp: 89371
Ion Ratio Lower Upper
94 100
96 91.7 75.4 113.2



#6
Chloroethane
Concen: 51.697 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 123483
Ion Ratio Lower Upper
64 100
66 34.5 26.2 39.2

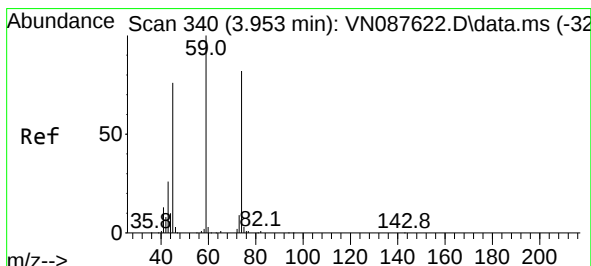
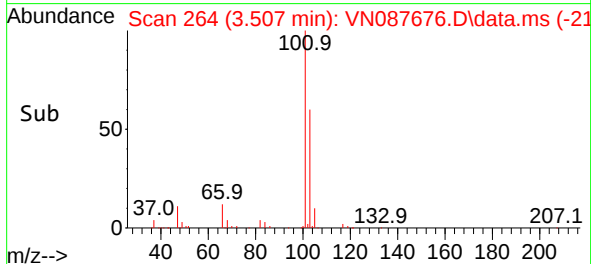
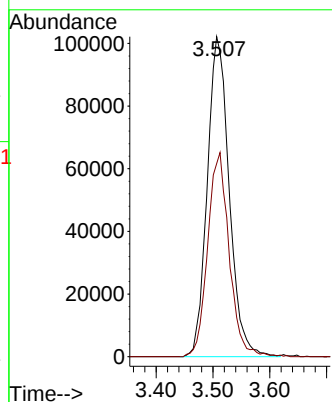
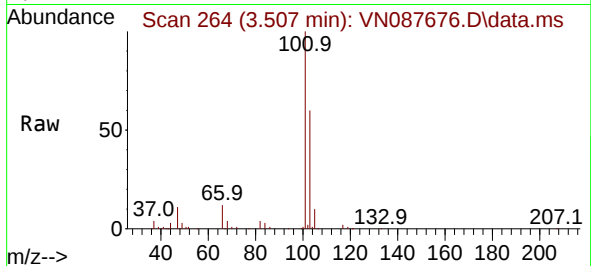




#7
 Trichlorofluoromethane
 Concen: 54.965 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087676.D
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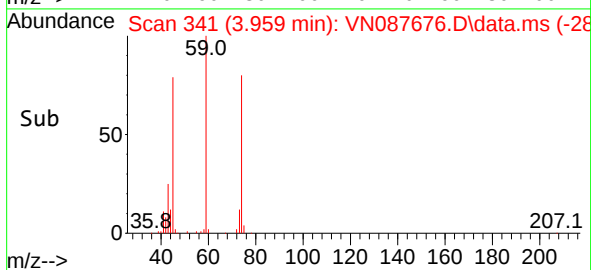
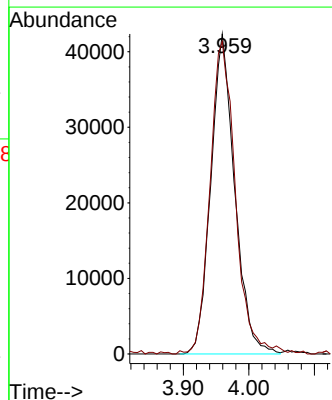
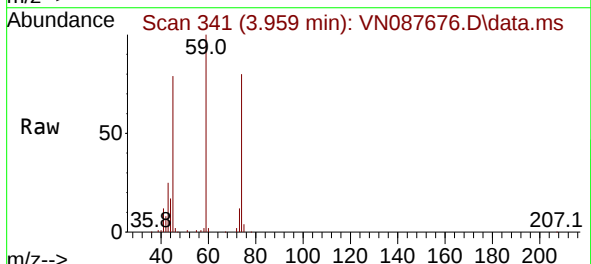
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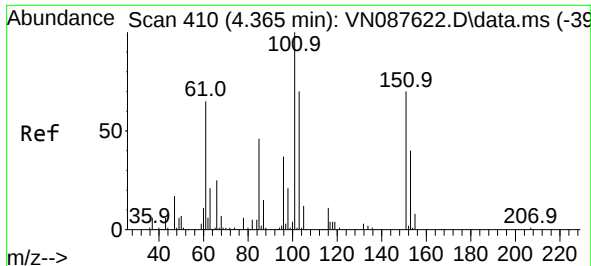
Tgt Ion:101 Resp: 273675
 Ion Ratio Lower Upper
 101 100
 103 60.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 49.351 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087676.D
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Tgt Ion: 74 Resp: 107015
 Ion Ratio Lower Upper
 74 100
 45 103.5 50.6 151.9

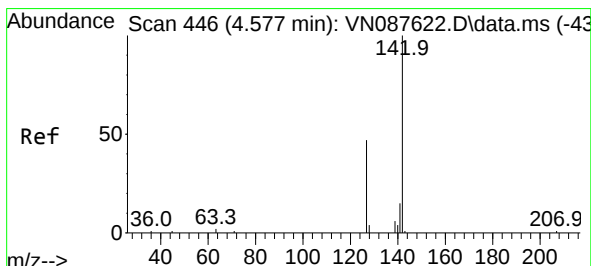
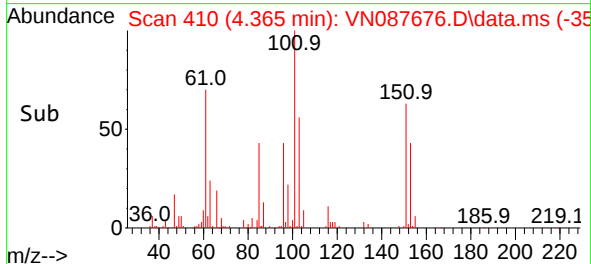
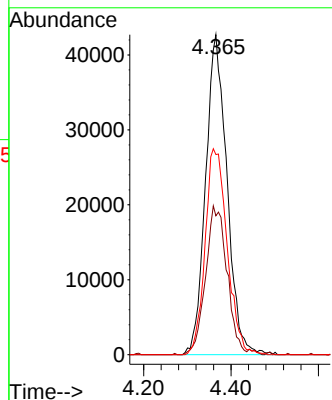
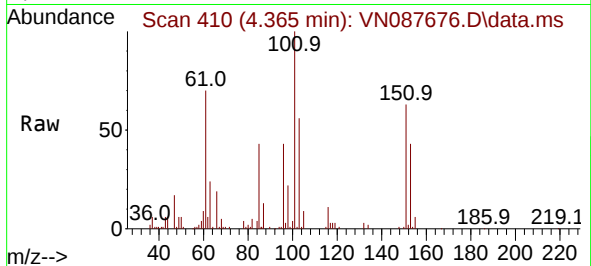




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.443 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

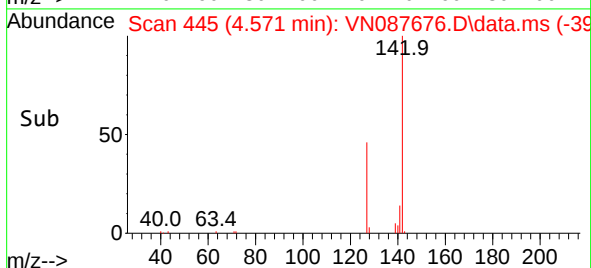
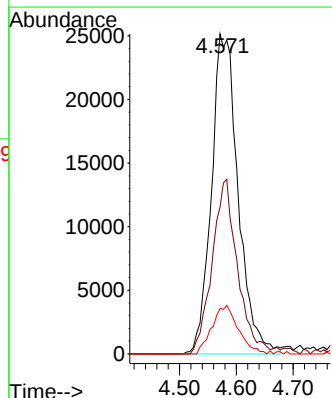
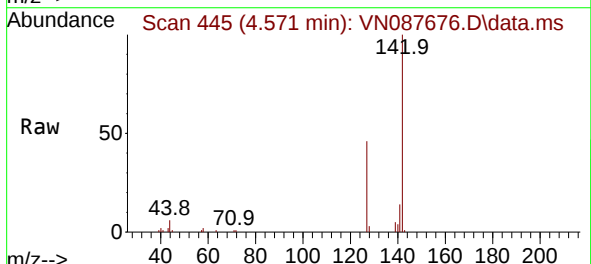
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

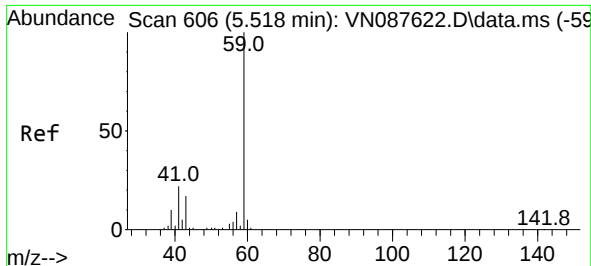
Tgt Ion:101 Resp: 144936
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 66.5 54.7 82.1



#10
Methyl Iodide
Concen: 40.497 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:142 Resp: 82113
Ion Ratio Lower Upper
142 100
127 45.9 38.0 57.0
141 14.3 12.0 18.0

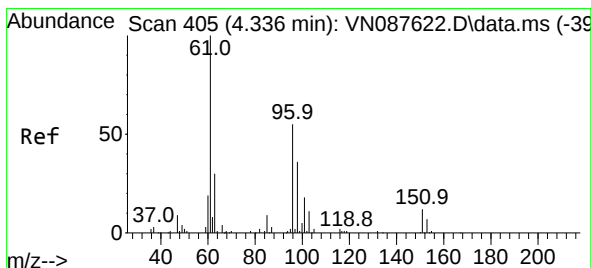
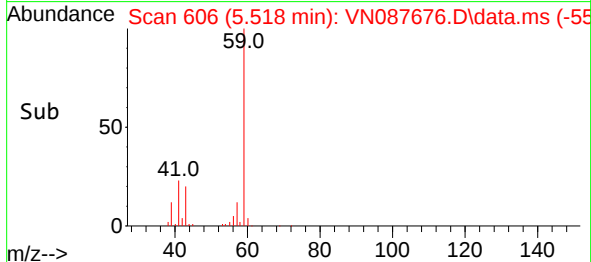
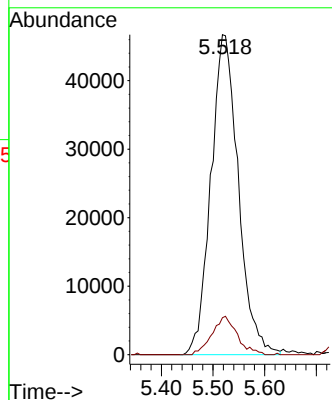
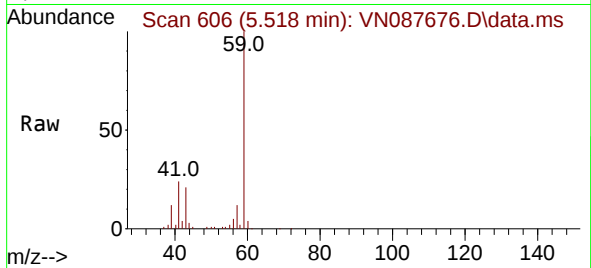




#11
Tert butyl alcohol
Concen: 240.765 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

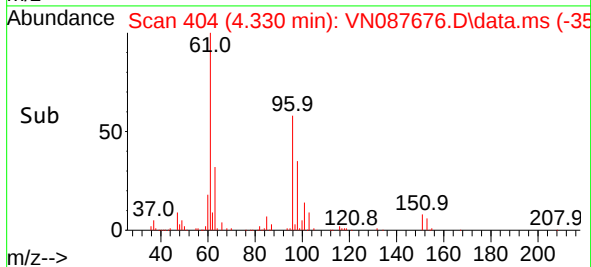
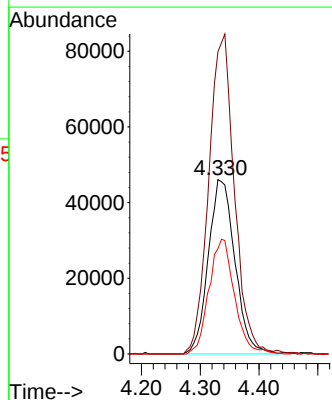
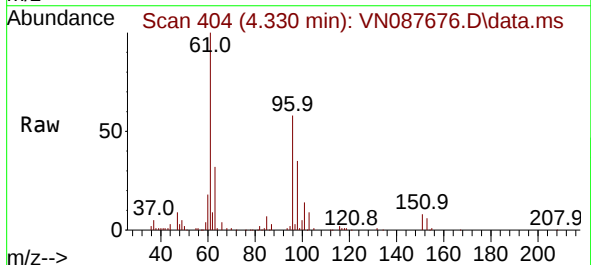
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

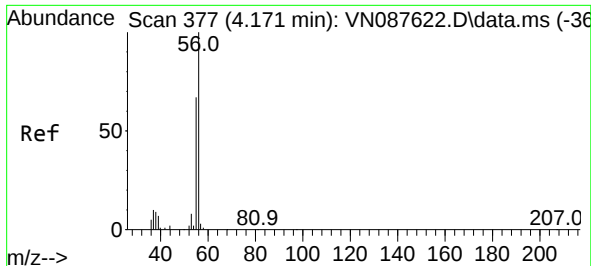
Tgt Ion: 59 Resp: 171975
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 50.163 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 96 Resp: 145235
Ion Ratio Lower Upper
96 100
61 173.2 143.8 215.8
98 60.4 52.1 78.1

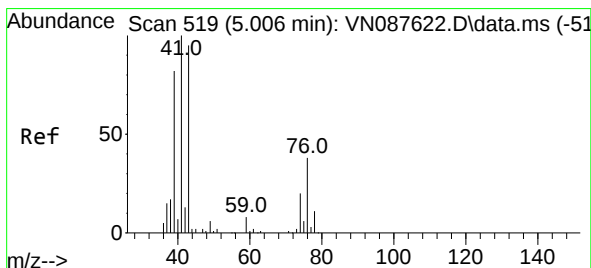
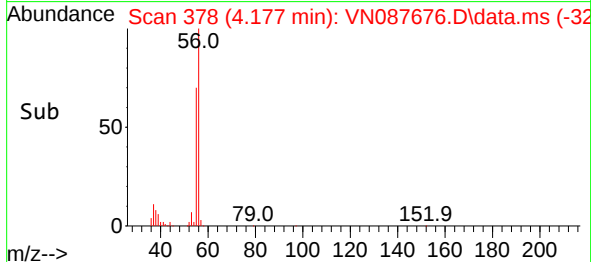
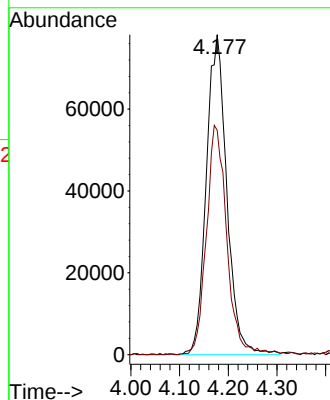
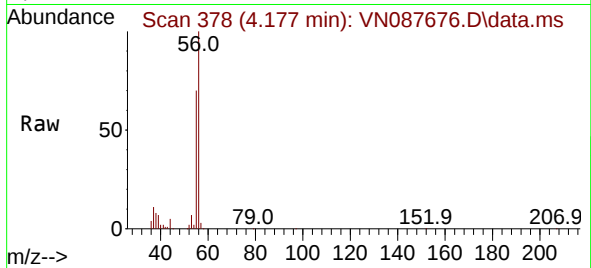




#13
Acrolein
Concen: 259.517 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

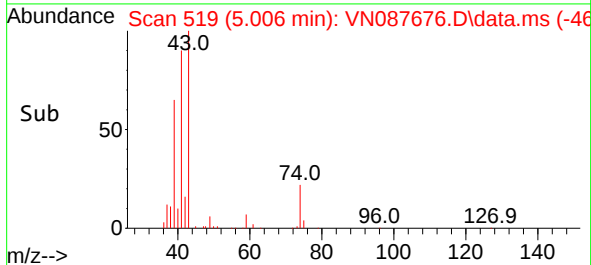
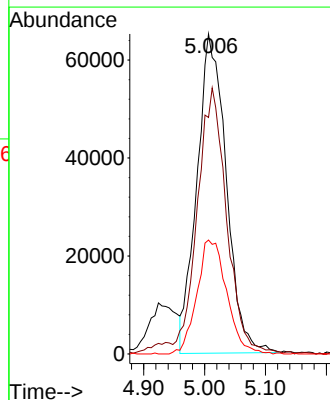
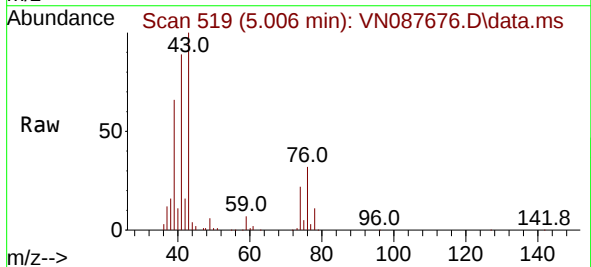
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

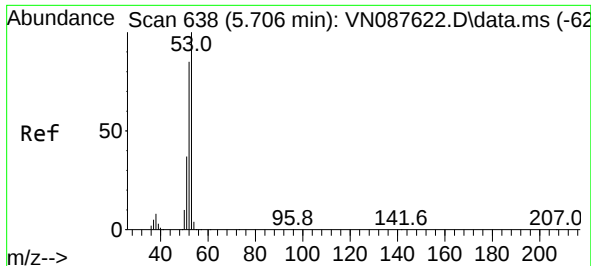
Tgt Ion: 56 Resp: 227887
Ion Ratio Lower Upper
56 100
55 70.9 57.3 85.9



#14
Allyl chloride
Concen: 41.455 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 41 Resp: 217499
Ion Ratio Lower Upper
41 100
39 86.2 63.9 95.9
76 36.4 28.1 42.1

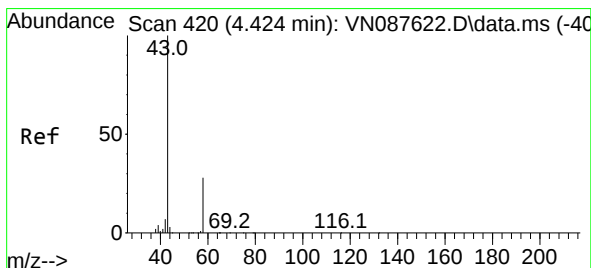
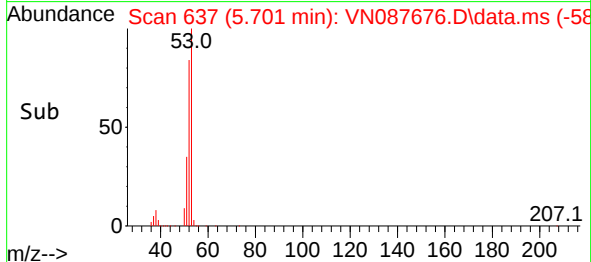
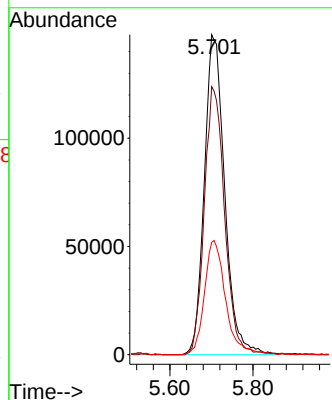
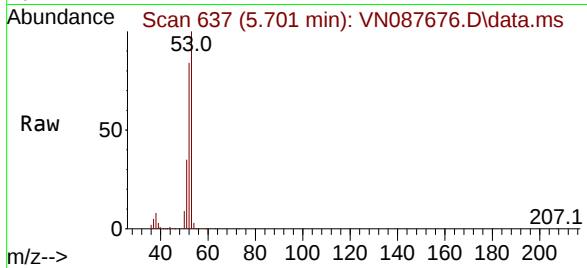




#15
Acrylonitrile
Concen: 249.769 ug/l
RT: 5.701 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

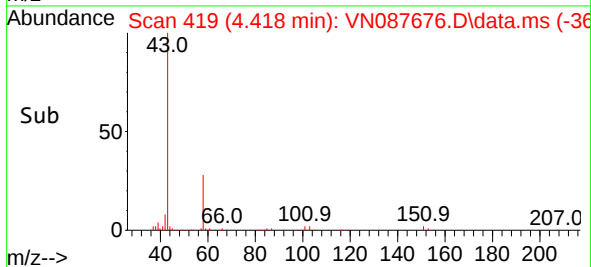
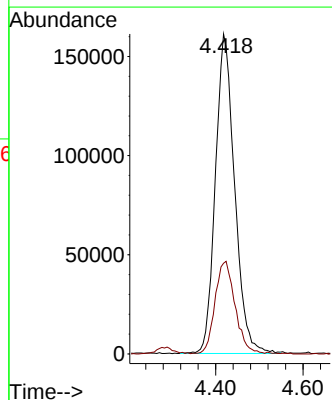
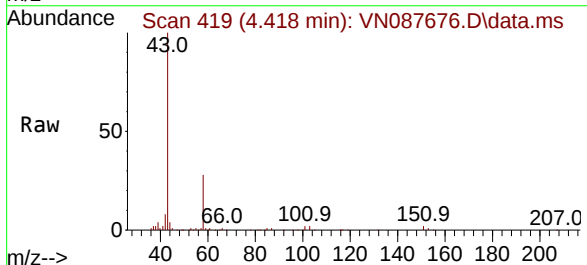
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

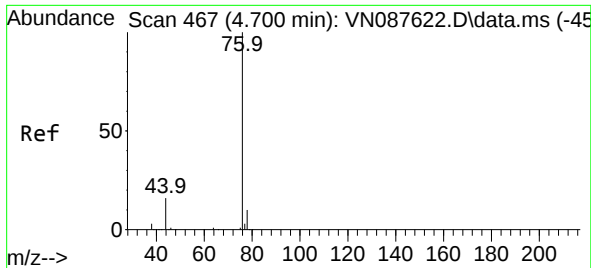
Tgt Ion: 53 Resp: 503150
Ion Ratio Lower Upper
53 100
52 83.5 67.6 101.4
51 37.1 30.1 45.1



#16
Acetone
Concen: 219.470 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 43 Resp: 491566
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8

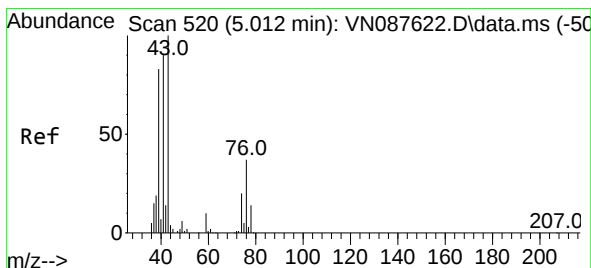
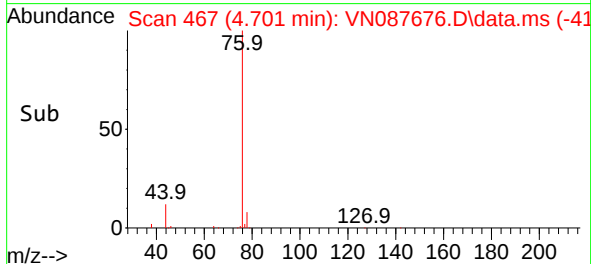
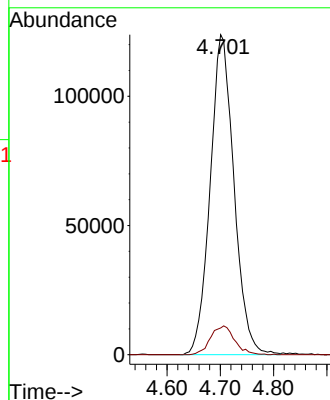
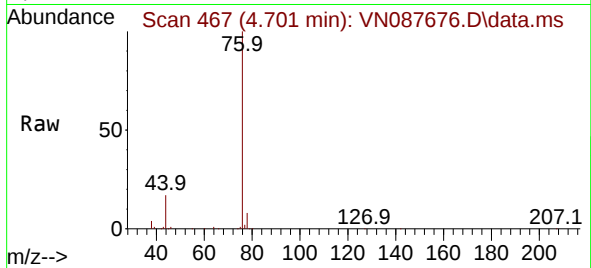




#17
Carbon Disulfide
Concen: 48.308 ug/l
RT: 4.701 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

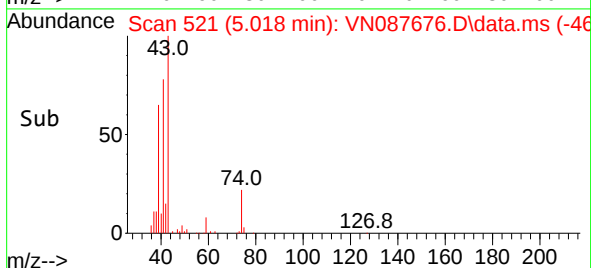
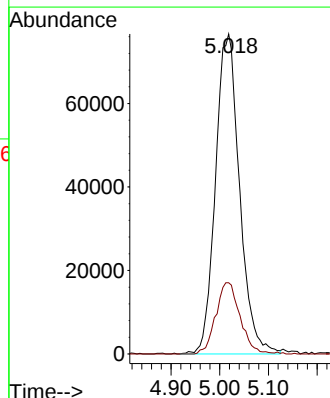
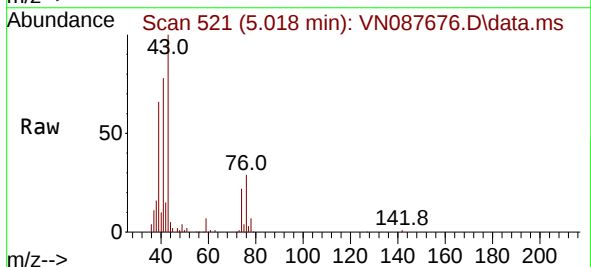
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

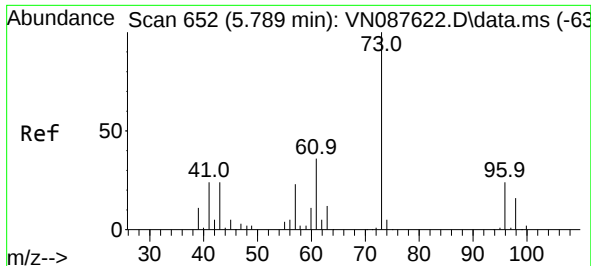
Tgt Ion: 76 Resp: 385041
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



#18
Methyl Acetate
Concen: 56.085 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 43 Resp: 263020
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4

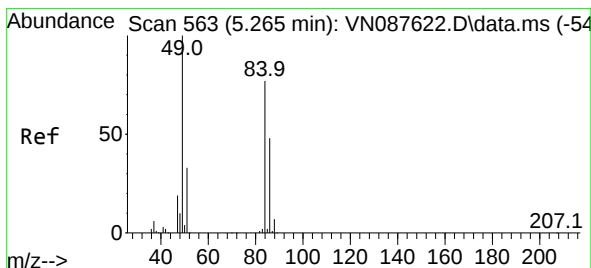
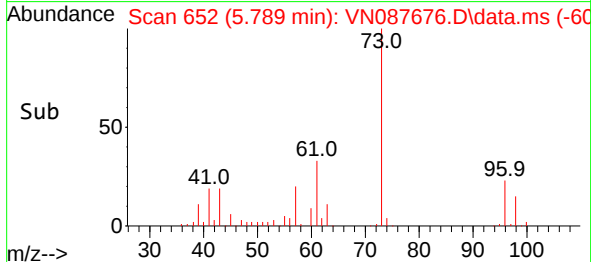
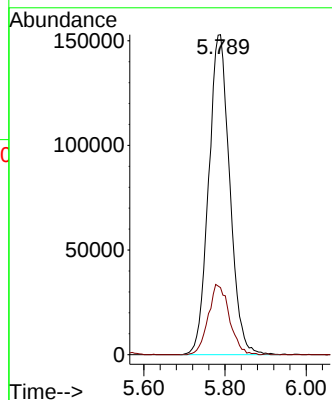
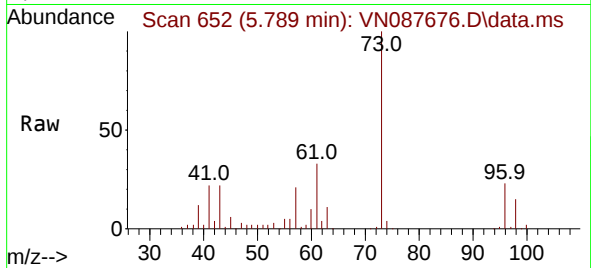




#19
Methyl tert-butyl Ether
Concen: 50.629 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

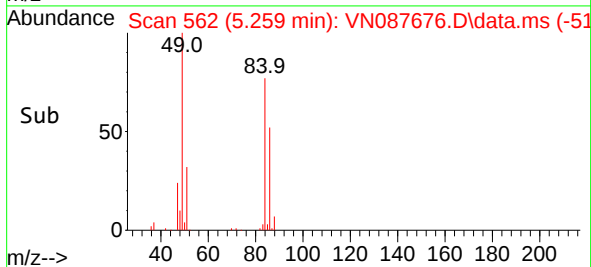
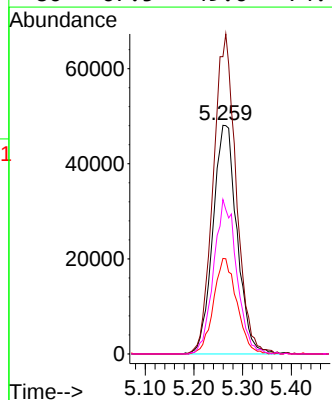
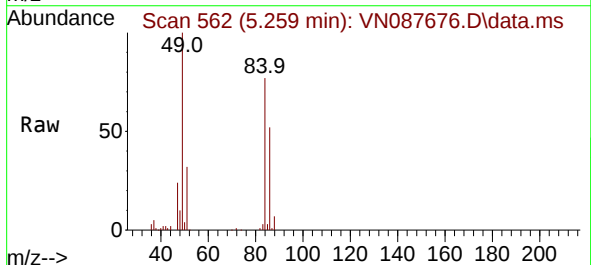
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 549898
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6



#20
Methylene Chloride
Concen: 51.079 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 84 Resp: 165393
Ion Ratio Lower Upper
84 100
49 130.0 103.4 155.2
51 41.8 33.8 50.8
86 67.5 49.6 74.4

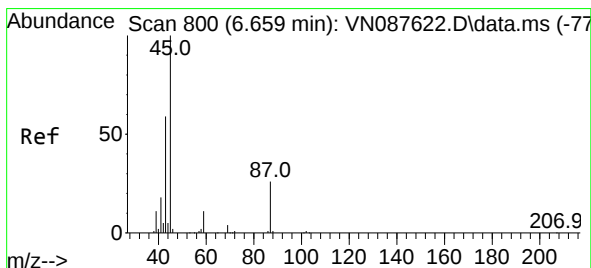
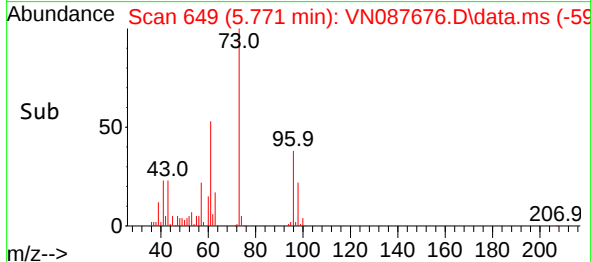
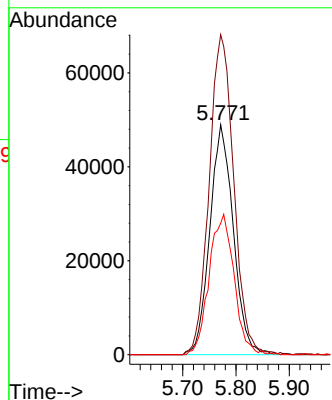
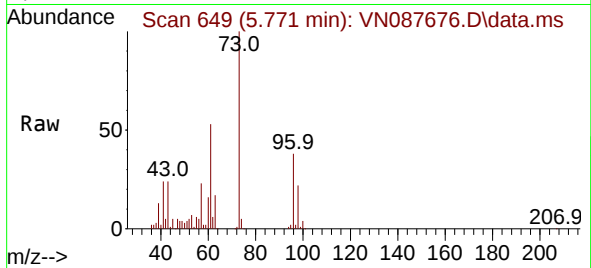




#21
trans-1,2-Dichloroethene
Concen: 47.940 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

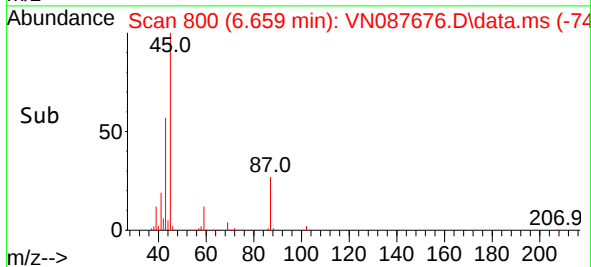
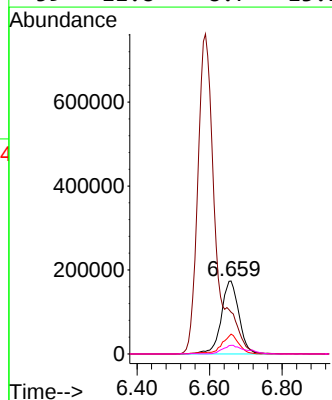
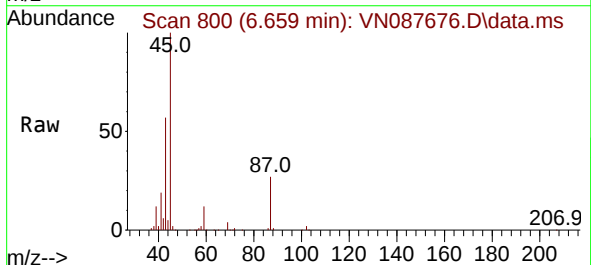
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

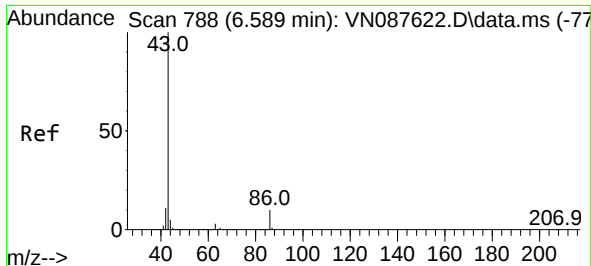
Tgt Ion: 96 Resp: 150429
Ion Ratio Lower Upper
96 100
61 139.2 118.0 177.0
98 57.1 50.0 75.0



#22
Diisopropyl ether
Concen: 51.946 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 45 Resp: 588143
Ion Ratio Lower Upper
45 100
43 57.1 47.7 71.5
87 27.1 21.4 32.0
59 11.8 8.7 13.1

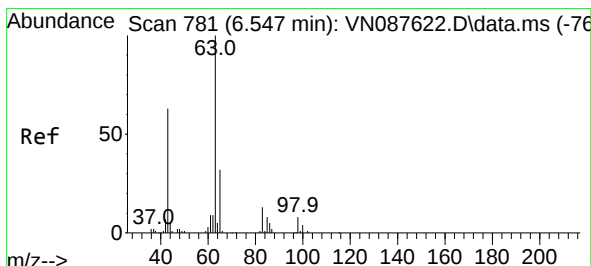
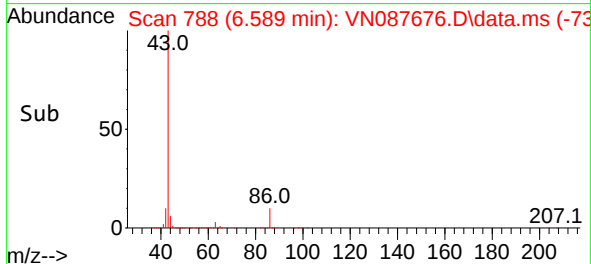
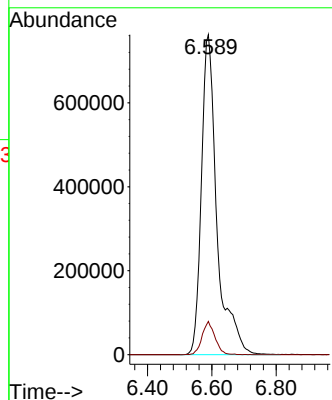
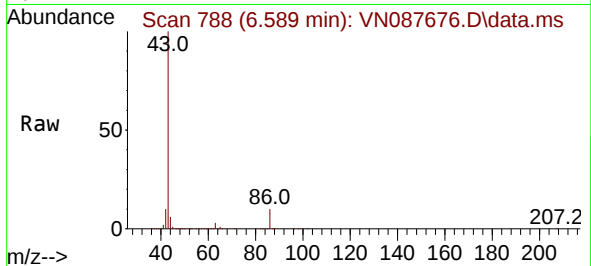




#23
 Vinyl Acetate
 Concen: 247.874 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

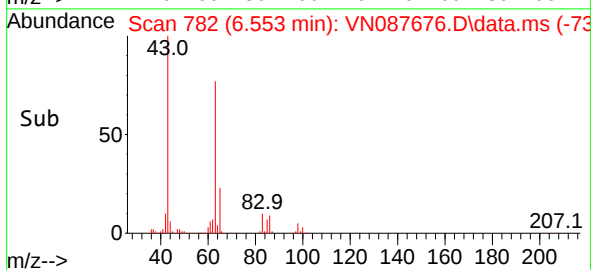
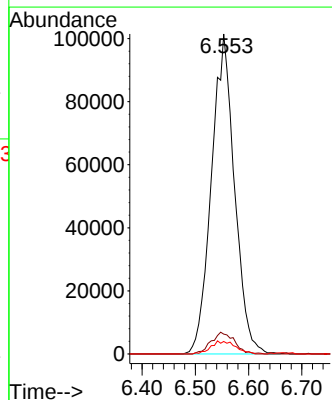
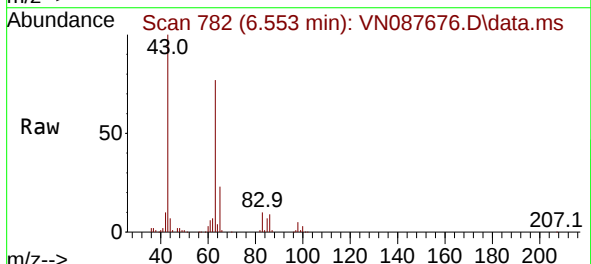
Instrument :
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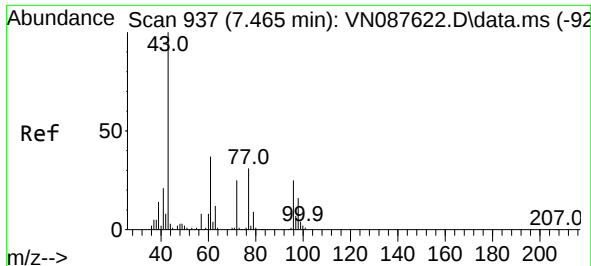
Tgt Ion: 43 Resp: 2553306
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 49.195 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

Tgt Ion: 63 Resp: 305398
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 3.9 2.0 6.0

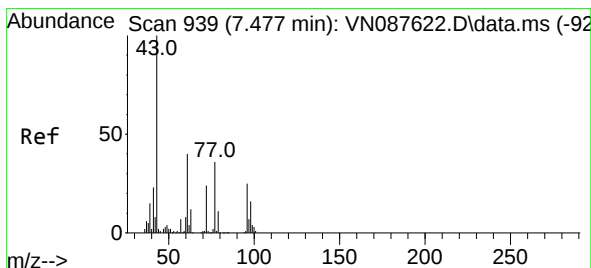
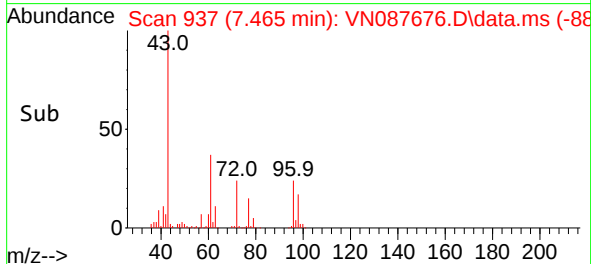
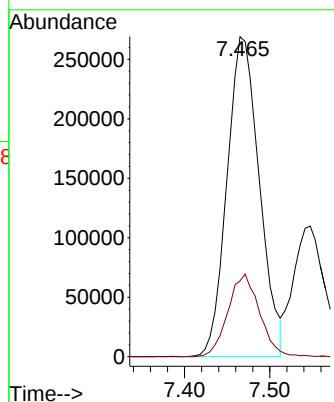
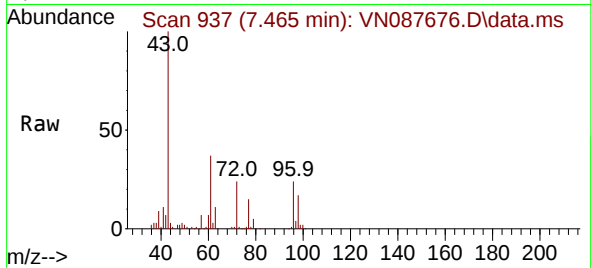




#25
2-Butanone
Concen: 241.104 ug/l
RT: 7.465 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

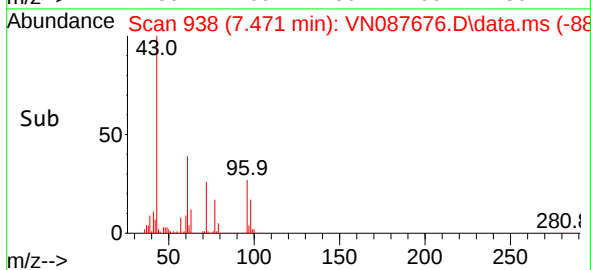
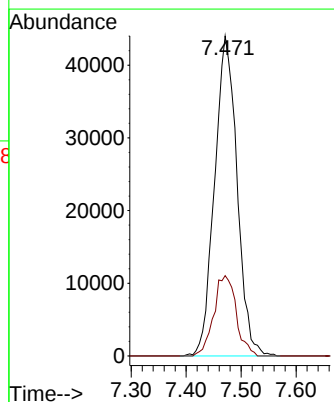
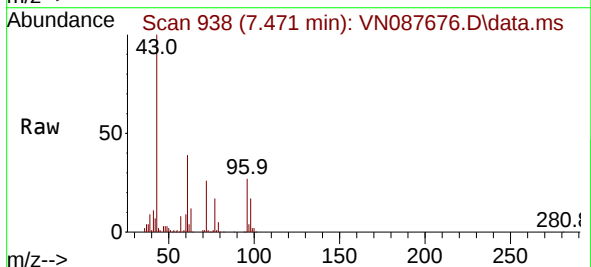
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MSVOA_N
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VSTDCCC050

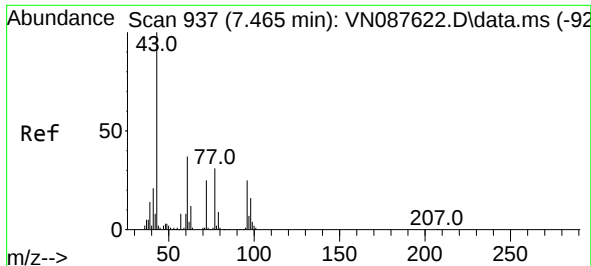
Tgt Ion: 43 Resp: 710465
Ion Ratio Lower Upper
43 100
72 23.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 23.443 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 77 Resp: 124906
Ion Ratio Lower Upper
77 100
97 25.1 10.9 32.7

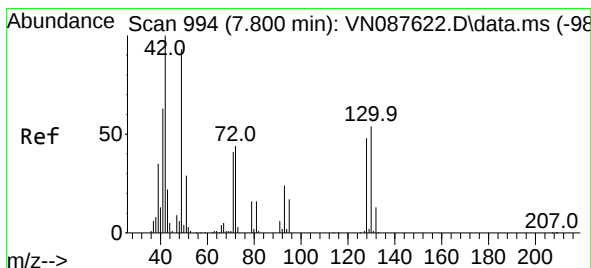
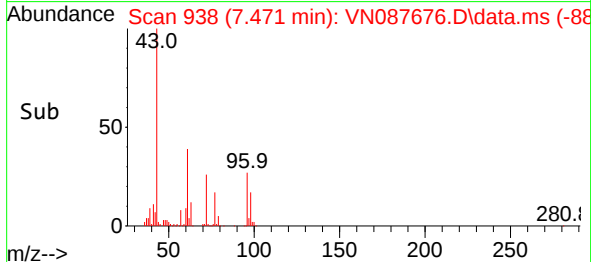
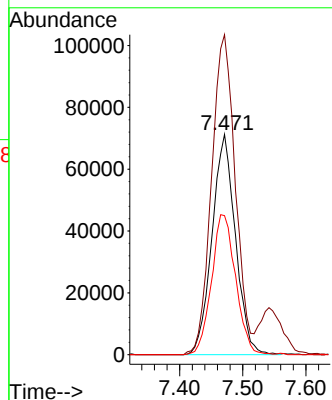
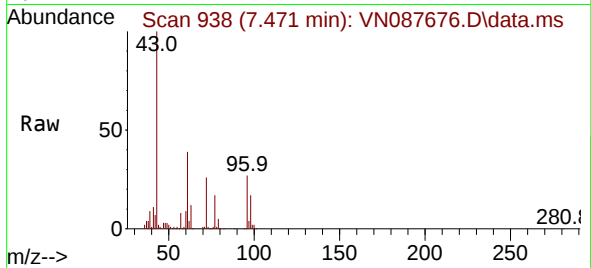




#27
 cis-1,2-Dichloroethene
 Concen: 48.956 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

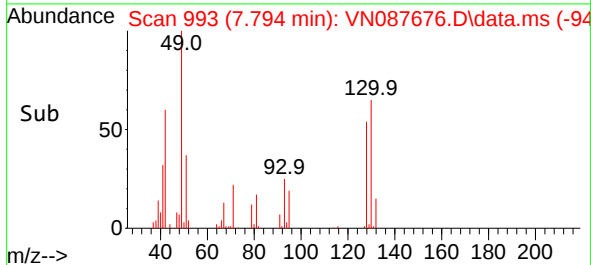
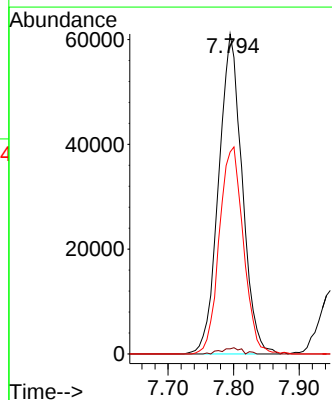
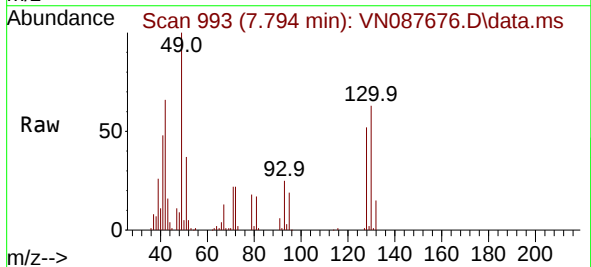
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 183644
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 301.8
 98 65.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 50.563 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

Tgt Ion: 49 Resp: 151748
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 66.4 53.1 79.7

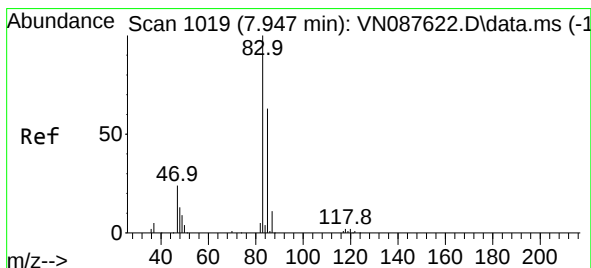
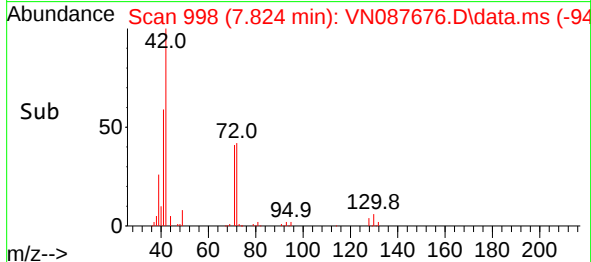
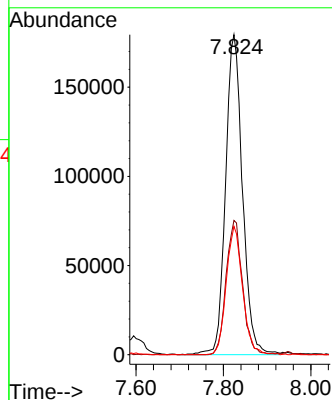
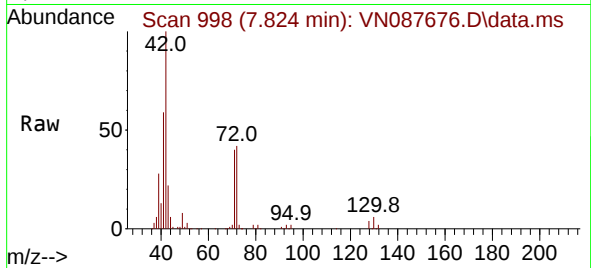




#29
Tetrahydrofuran
Concen: 253.557 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

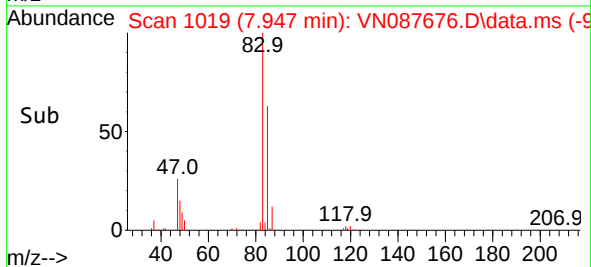
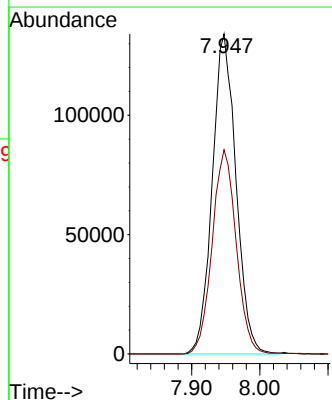
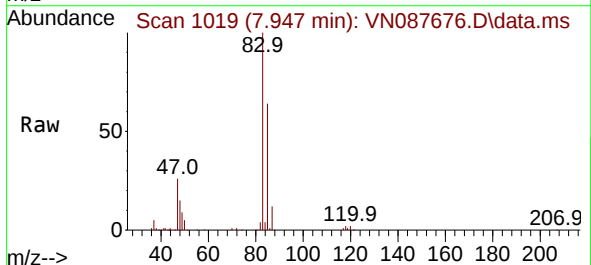
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

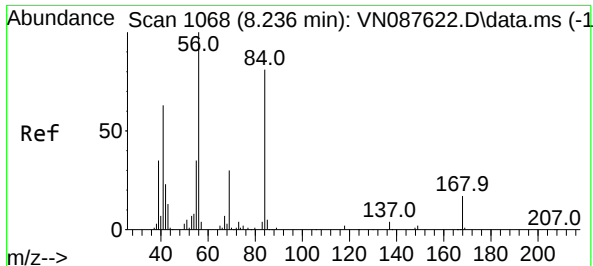
Tgt Ion: 42 Resp: 480840
Ion Ratio Lower Upper
42 100
72 40.6 33.7 50.5
71 38.6 31.9 47.9



#30
Chloroform
Concen: 51.272 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 83 Resp: 324876
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1

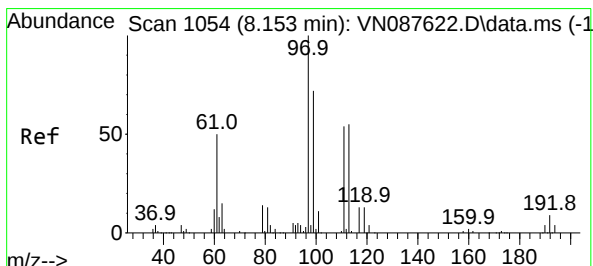
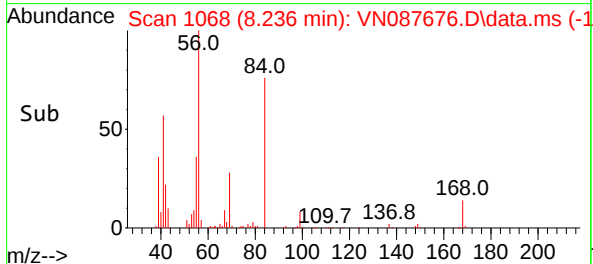
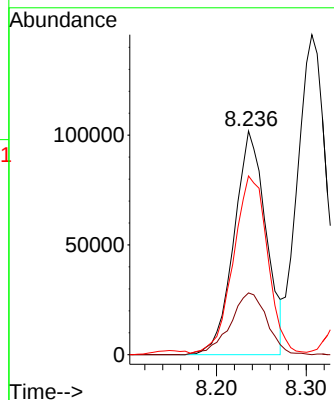
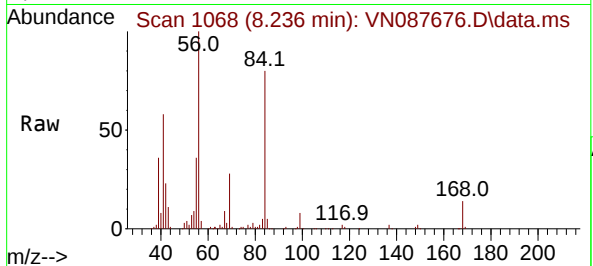




#31
Cyclohexane
Concen: 48.814 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

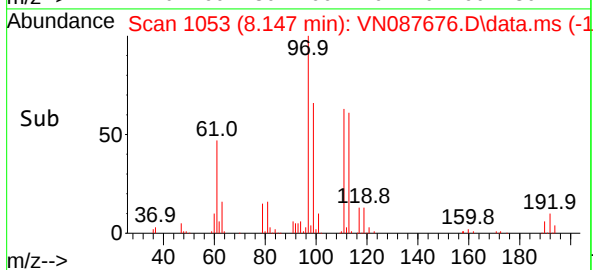
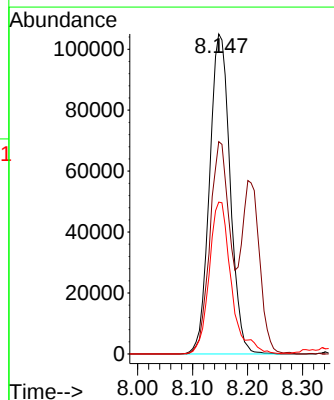
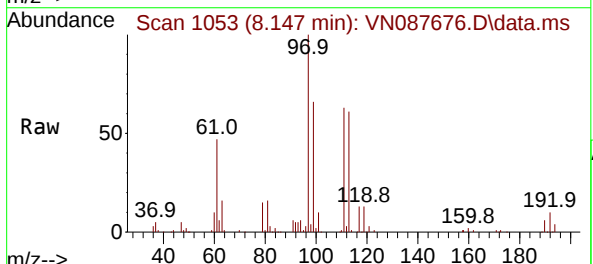
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

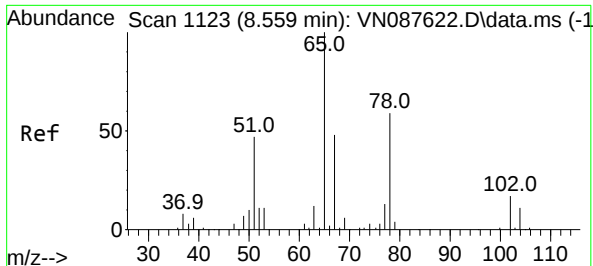
Tgt Ion: 56 Resp: 252621
Ion Ratio Lower Upper
56 100
69 27.6 23.7 35.5
84 78.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 50.884 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 97 Resp: 273237
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 50.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 54.196 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

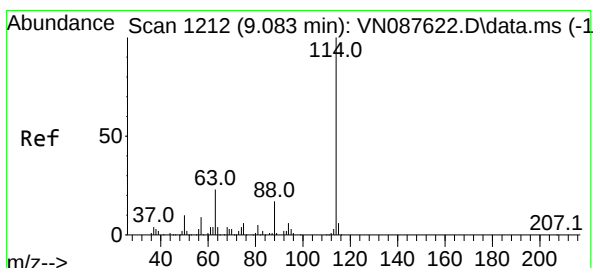
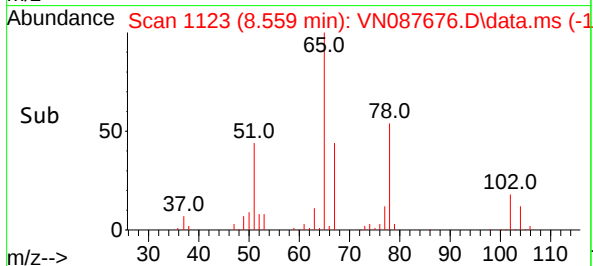
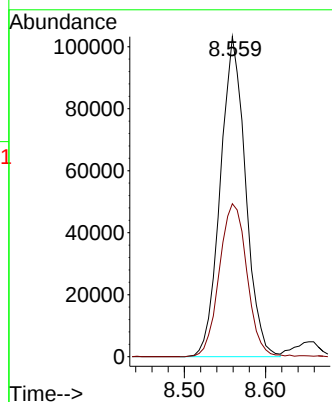
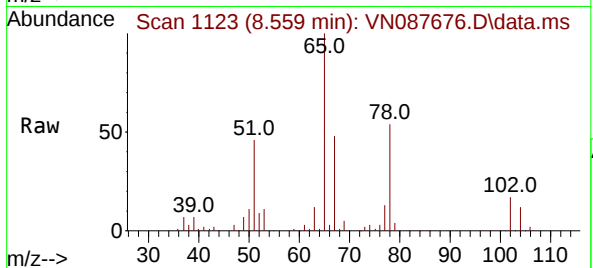
VSTDCCC050

Tgt Ion: 65 Resp: 222988

Ion Ratio Lower Upper

65 100

67 52.4 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: VN087676.D

Acq: 28 Aug 2025 11:33

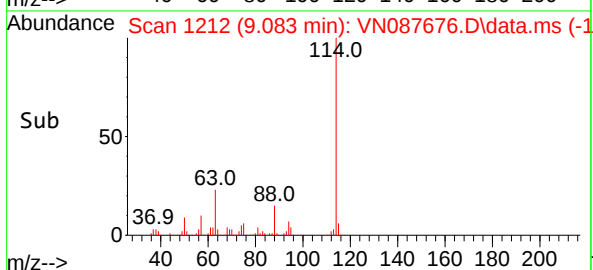
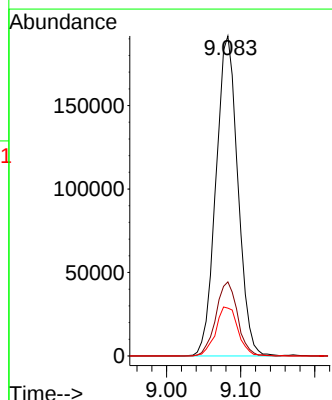
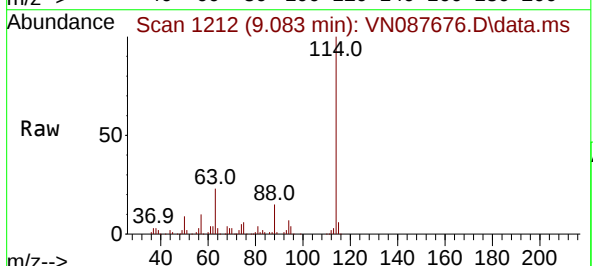
Tgt Ion: 114 Resp: 393512

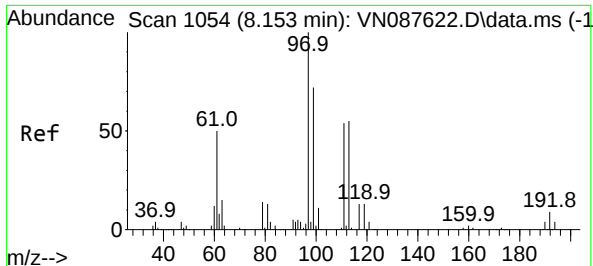
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.233 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

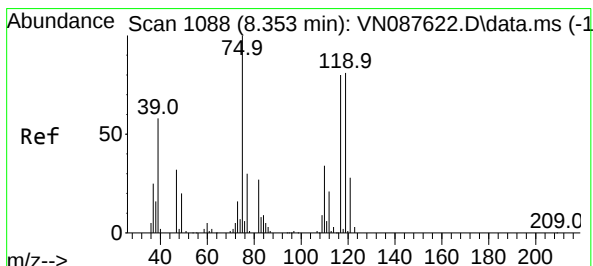
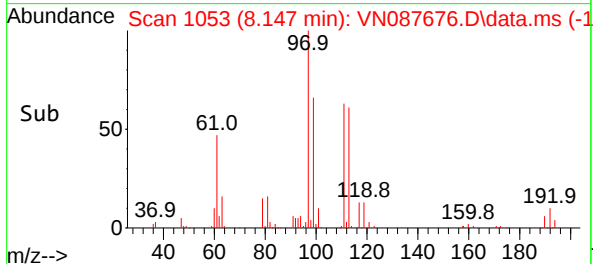
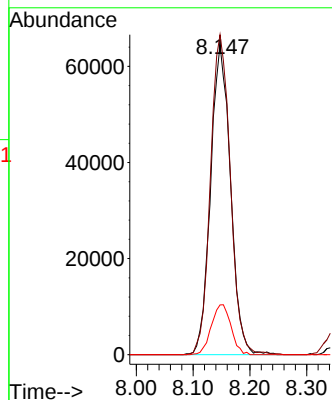
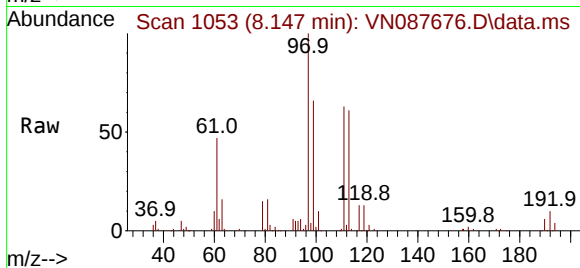
Tgt Ion:113 Resp: 156925

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 15.9 12.8 19.2



#36

1,1-Dichloropropene

Concen: 49.487 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

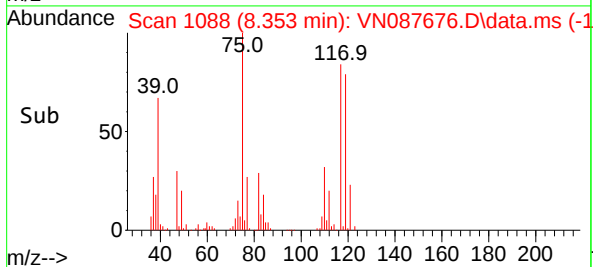
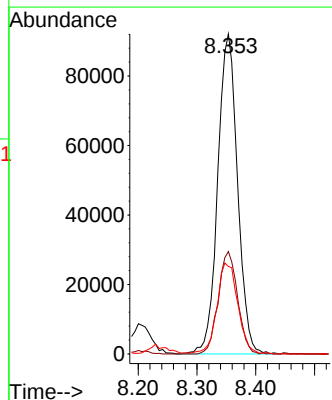
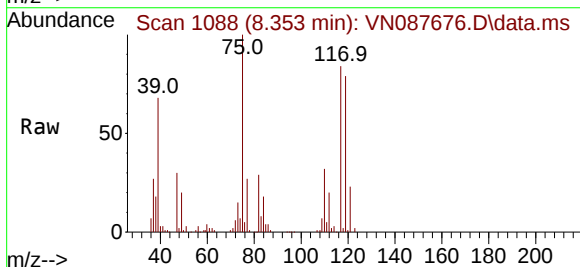
Tgt Ion: 75 Resp: 215696

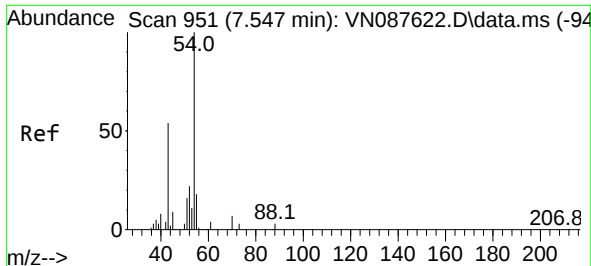
Ion Ratio Lower Upper

75 100

110 31.3 15.9 47.6

77 30.2 24.4 36.6

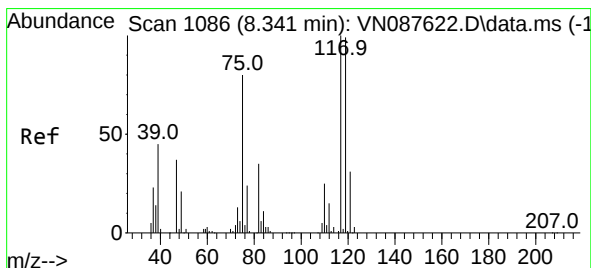
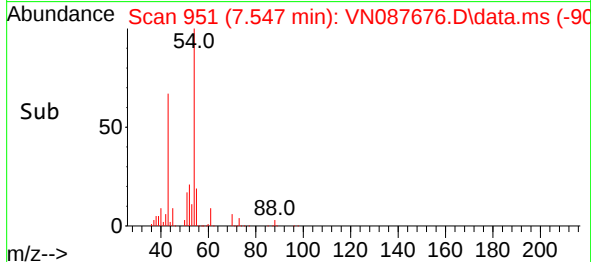
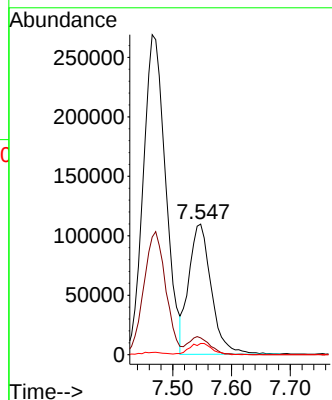
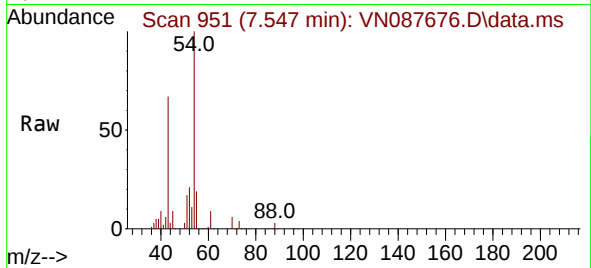




#37
Ethyl Acetate
Concen: 48.759 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

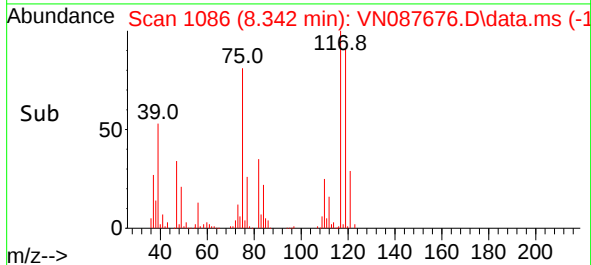
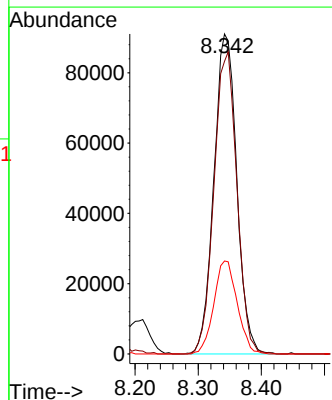
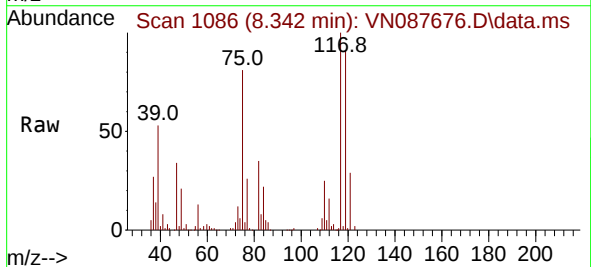
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

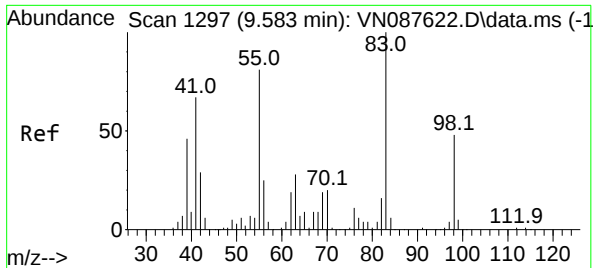
Tgt Ion: 43 Resp: 290413
Ion Ratio Lower Upper
43 100
61 13.0 9.3 13.9
70 8.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 53.190 ug/l
RT: 8.342 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 117 Resp: 228899
Ion Ratio Lower Upper
117 100
119 91.5 79.0 118.6
121 29.1 25.0 37.6





#39

Methylcyclohexane

Concen: 48.753 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

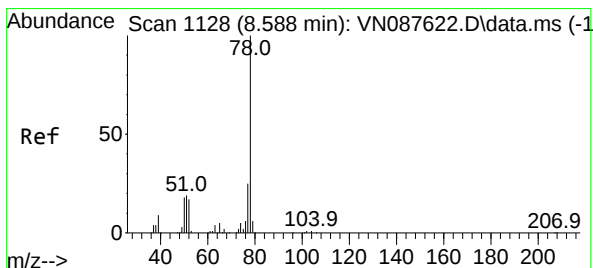
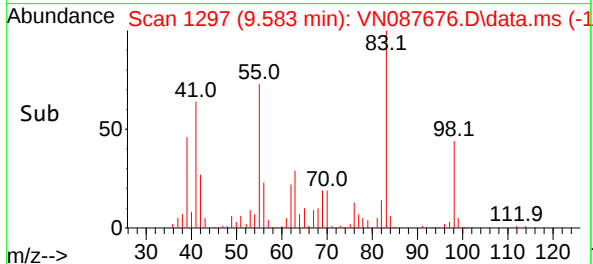
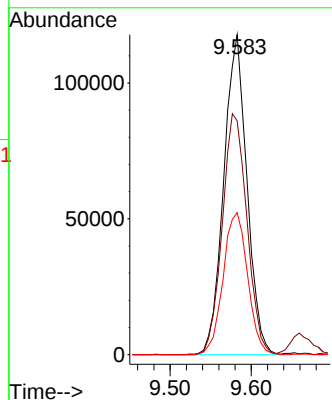
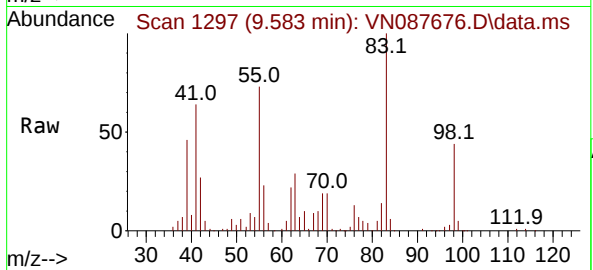
Tgt Ion: 83 Resp: 233948

Ion Ratio Lower Upper

83 100

55 73.0 64.6 96.8

98 44.4 38.4 57.6



#40

Benzene

Concen: 51.233 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087676.D

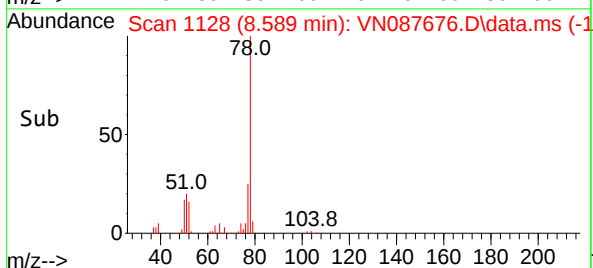
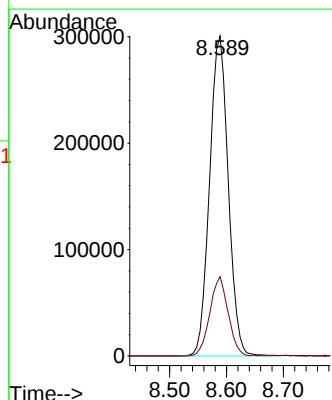
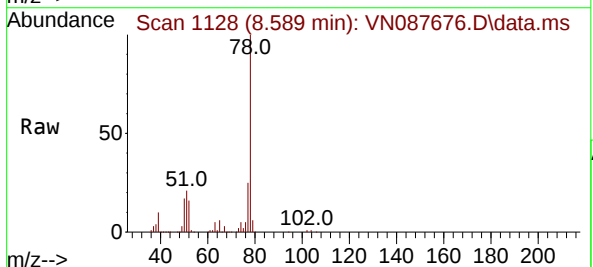
Acq: 28 Aug 2025 11:33

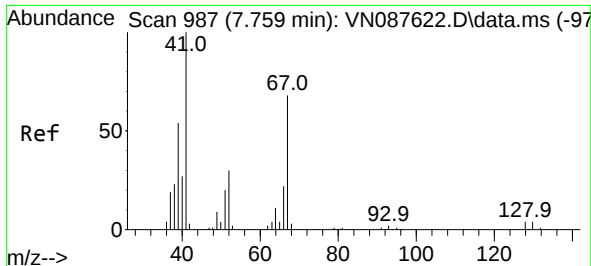
Tgt Ion: 78 Resp: 684914

Ion Ratio Lower Upper

78 100

77 24.8 19.7 29.5



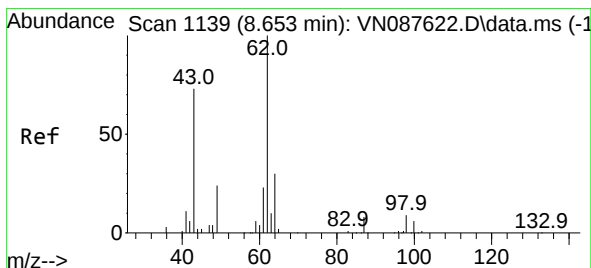
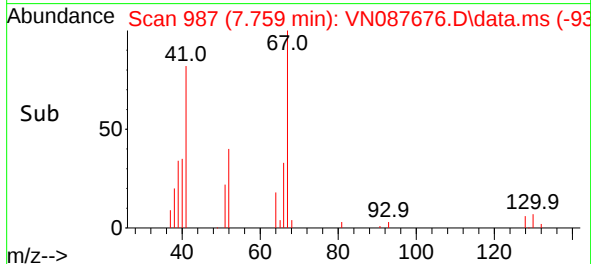
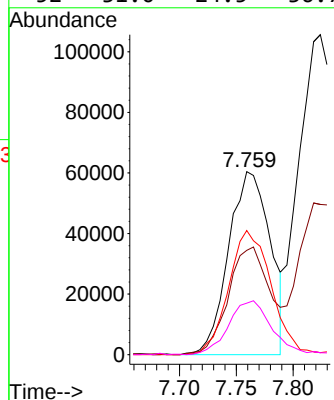
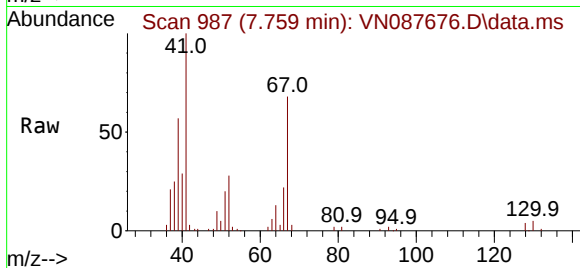


#41
Methacrylonitrile
Concen: 50.147 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 154717

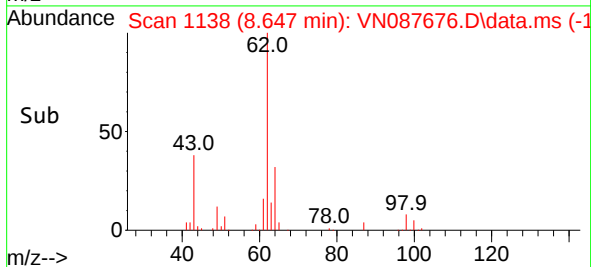
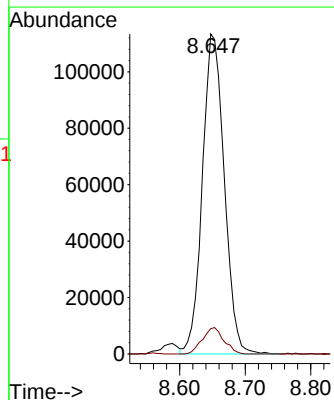
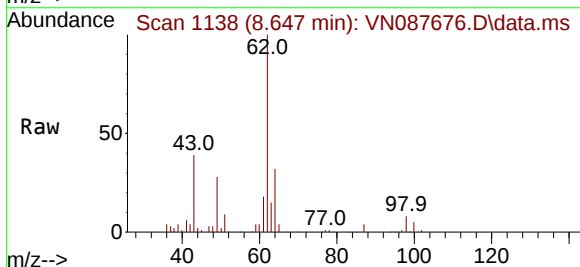
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.4	68.0
67	69.6	55.3	82.9
52	31.0	24.5	36.7

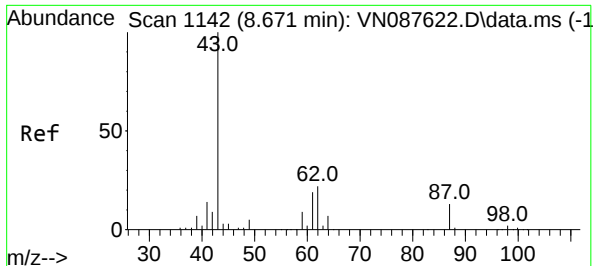


#42
1,2-Dichloroethane
Concen: 51.255 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 62 Resp: 263313

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.4





#43

Isopropyl Acetate

Concen: 51.212 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

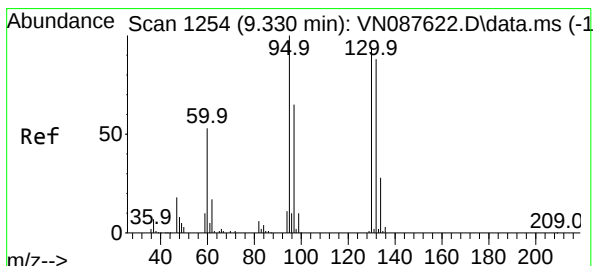
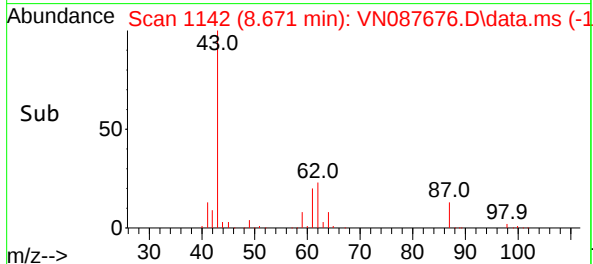
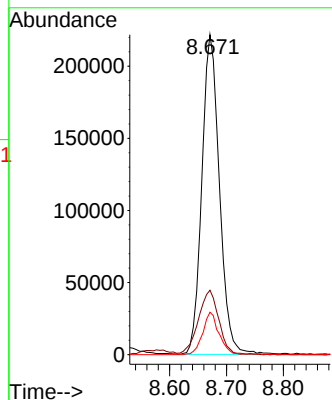
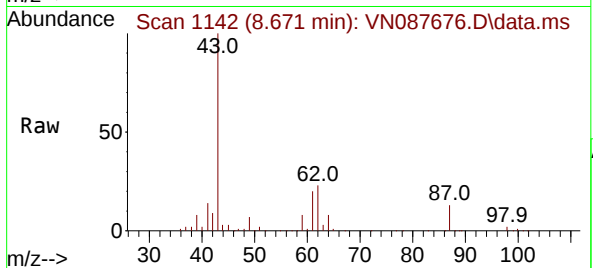
Tgt Ion: 43 Resp: 476217

Ion Ratio Lower Upper

43 100

61 23.1 18.8 28.2

87 12.3 9.6 14.4



#44

Trichloroethene

Concen: 49.177 ug/l

RT: 9.330 min Scan# 1254

Delta R.T. 0.000 min

Lab File: VN087676.D

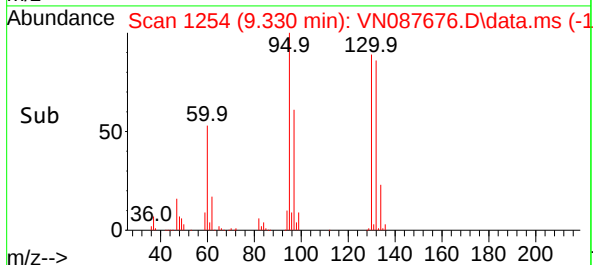
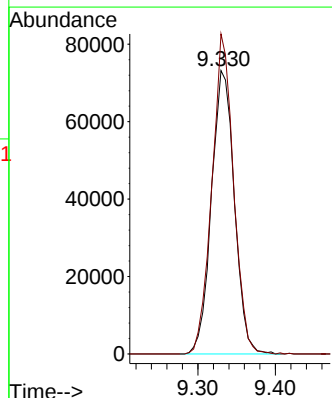
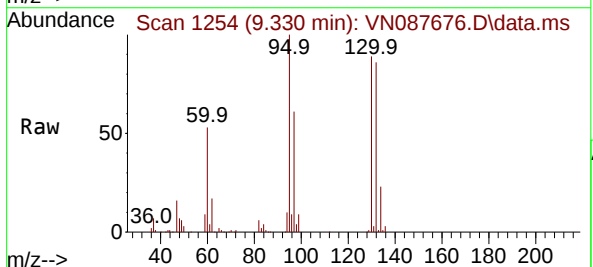
Acq: 28 Aug 2025 11:33

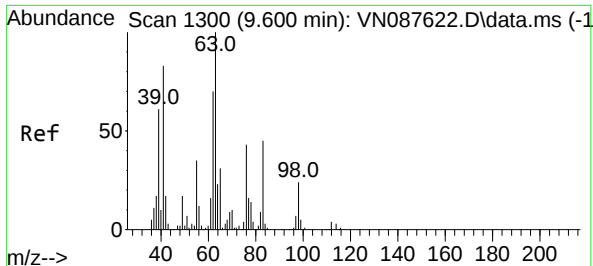
Tgt Ion:130 Resp: 150098

Ion Ratio Lower Upper

130 100

95 112.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 49.364 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

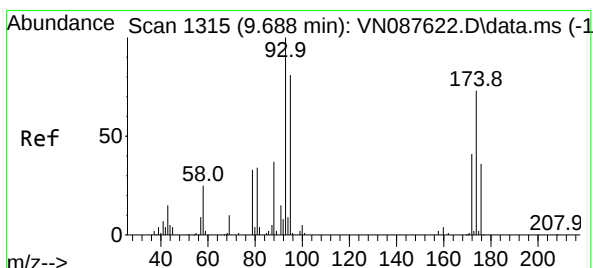
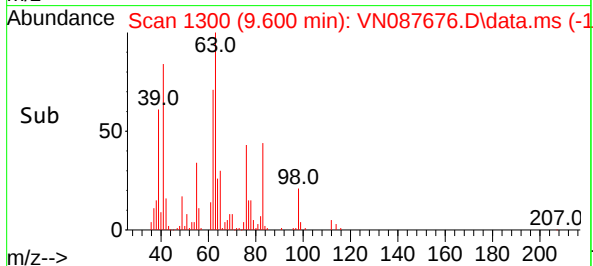
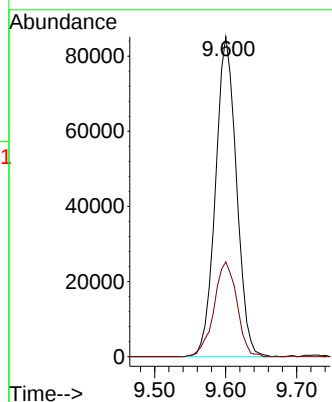
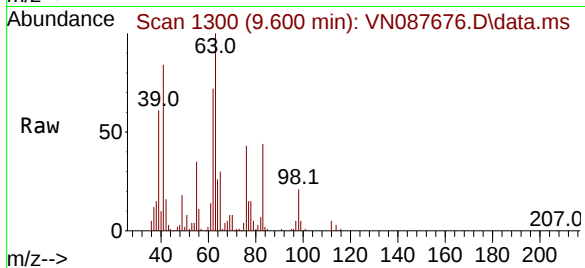
VSTDCCC050

Tgt Ion: 63 Resp: 173951

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.4



#46

Dibromomethane

Concen: 51.624 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

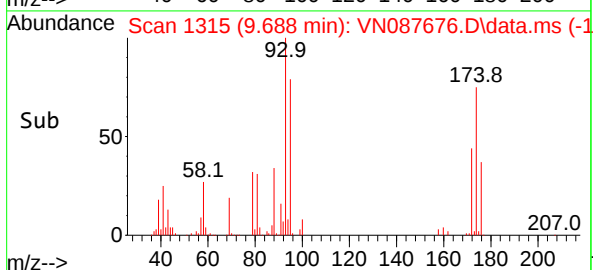
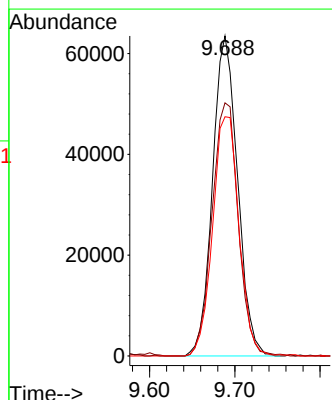
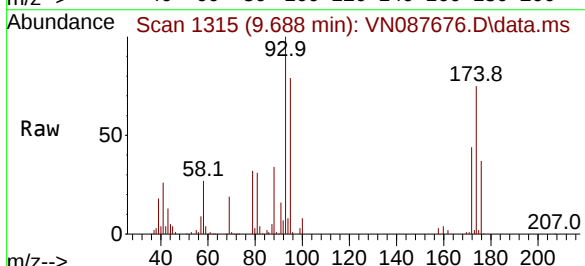
Tgt Ion: 93 Resp: 129455

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 78.8 63.4 95.2





#47

Bromodichloromethane

Concen: 51.437 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

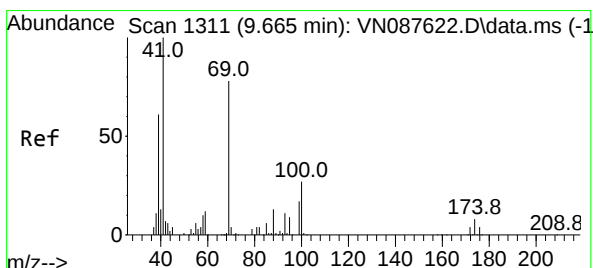
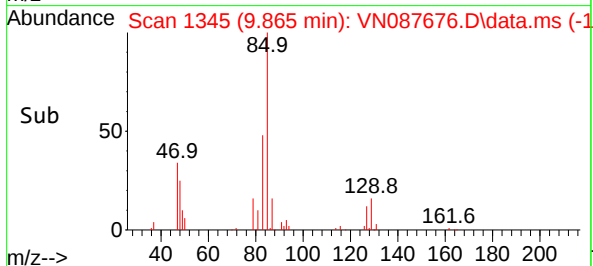
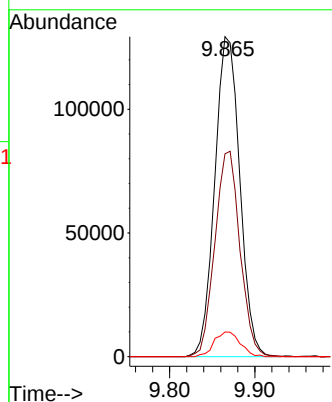
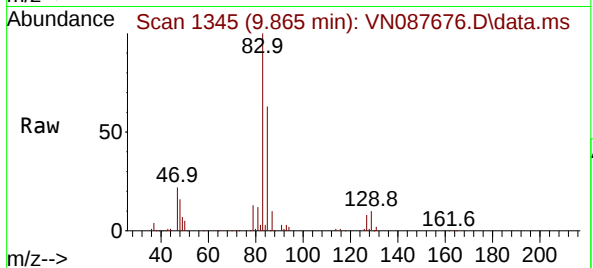
Tgt Ion: 83 Resp: 264350

Ion Ratio Lower Upper

83 100

85 63.4 52.5 78.7

127 7.7 5.8 8.6



#48

Methyl methacrylate

Concen: 51.516 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

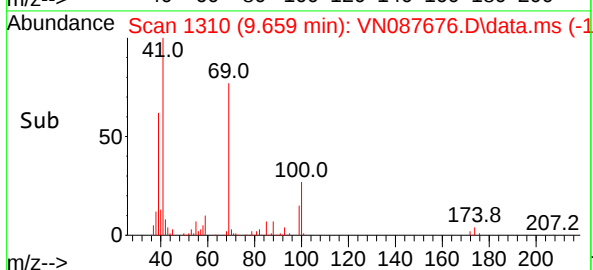
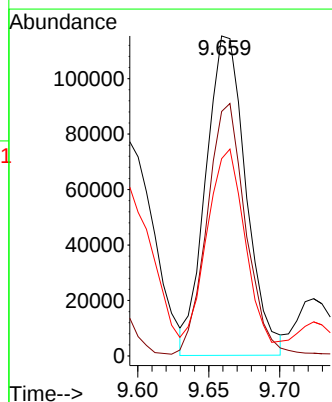
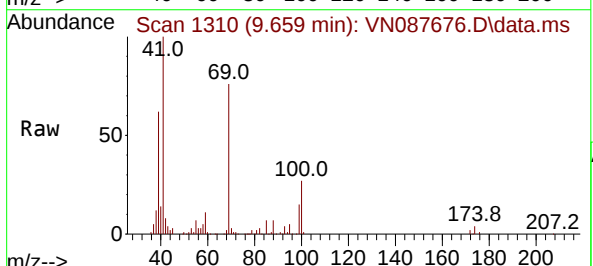
Tgt Ion: 41 Resp: 226591

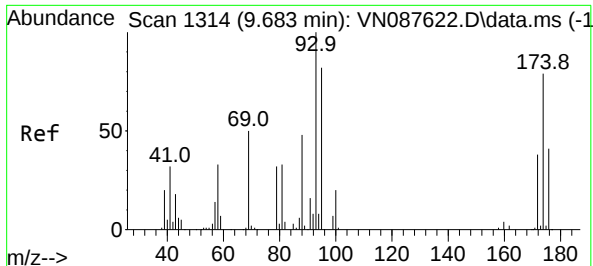
Ion Ratio Lower Upper

41 100

69 76.8 62.7 94.1

39 64.1 52.9 79.3





#49

1,4-Dioxane

Concen: 1075.707 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

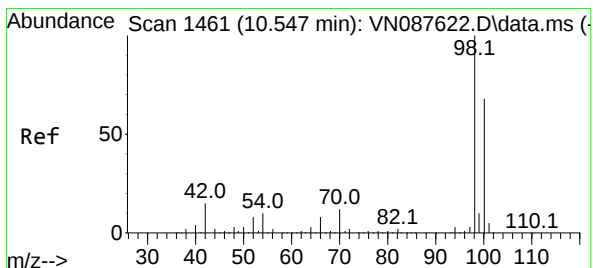
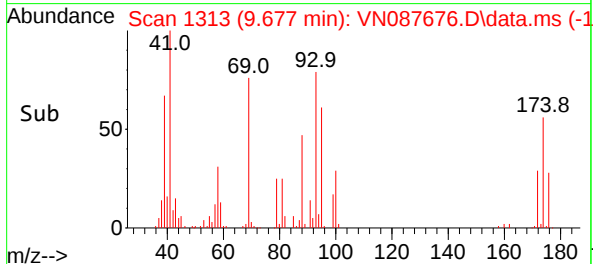
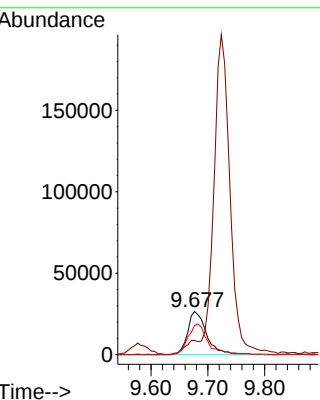
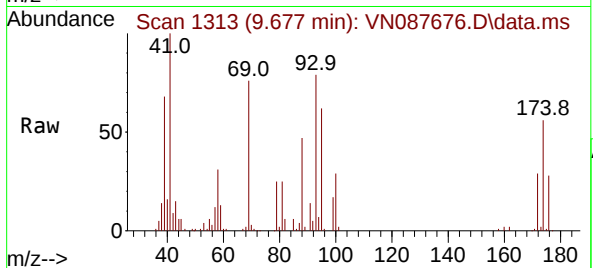
Tgt Ion: 88 Resp: 61326

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.1 57.9 86.9



#50

Toluene-d8

Concen: 54.855 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN087676.D

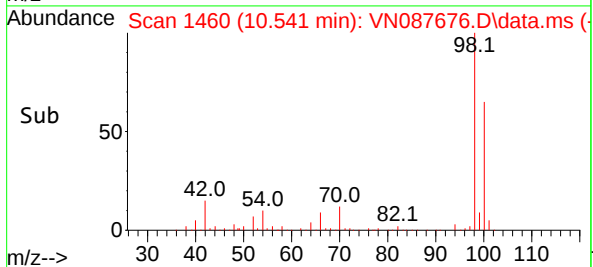
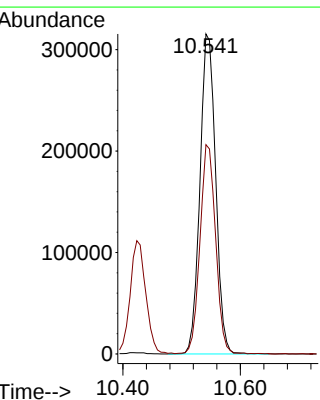
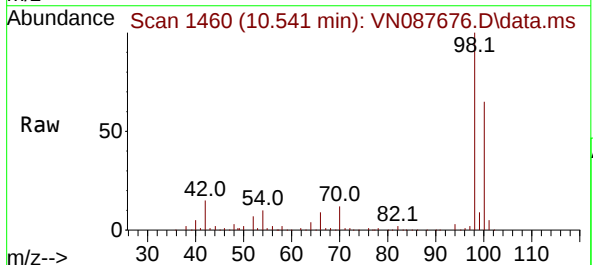
Acq: 28 Aug 2025 11:33

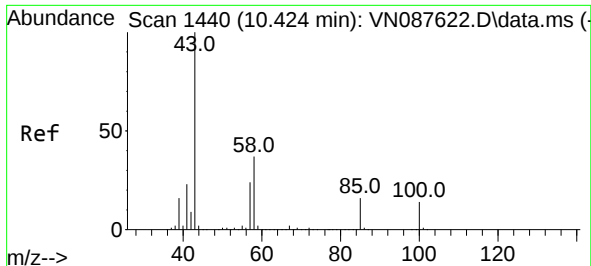
Tgt Ion: 98 Resp: 583324

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2

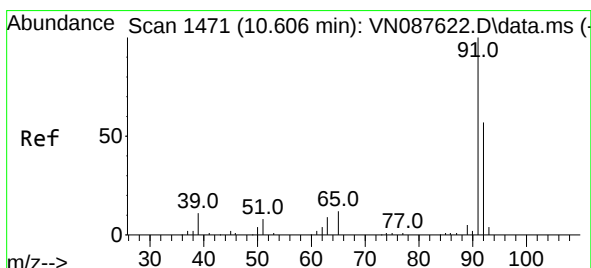
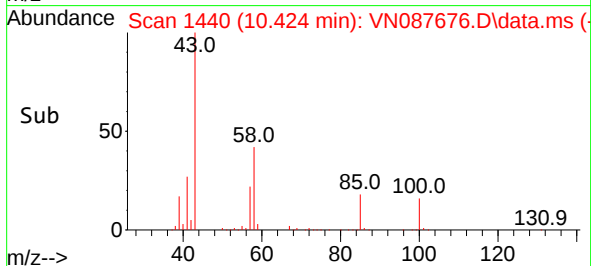
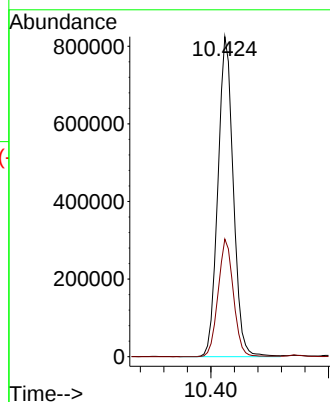
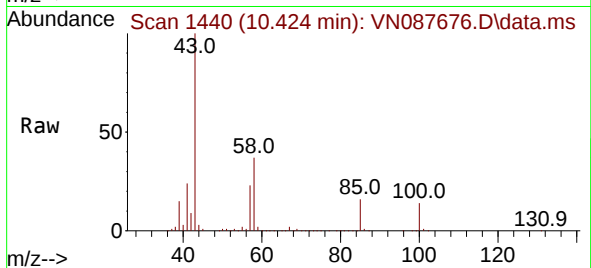




#51
4-Methyl-2-Pentanone
Concen: 267.341 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

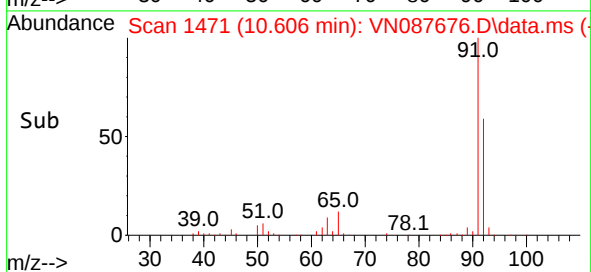
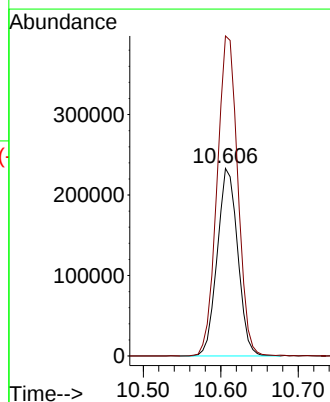
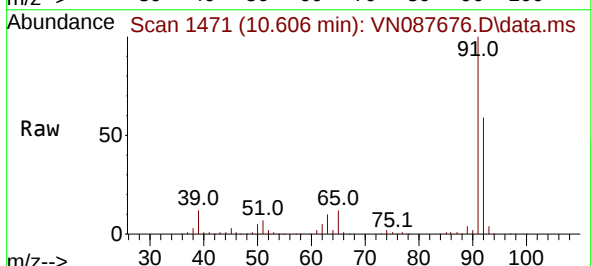
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

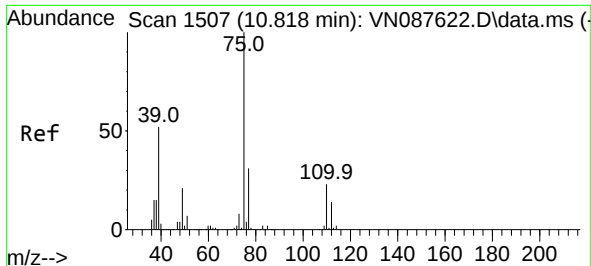
Tgt Ion: 43 Resp: 1499897
Ion Ratio Lower Upper
43 100
58 36.6 29.6 44.4



#52
Toluene
Concen: 51.637 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 92 Resp: 427963
Ion Ratio Lower Upper
92 100
91 172.7 140.4 210.6

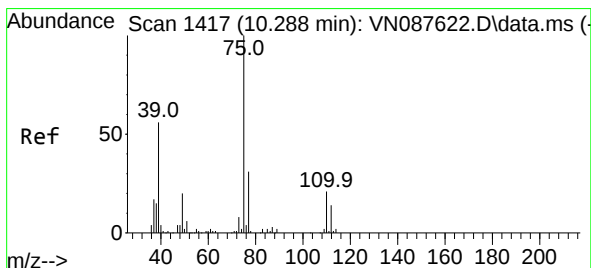
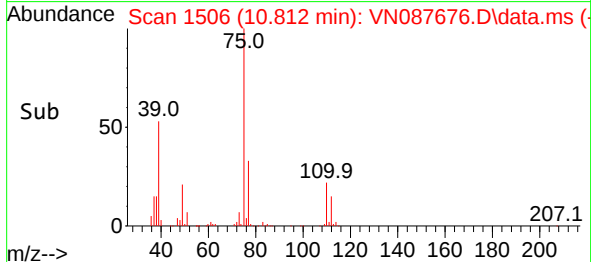
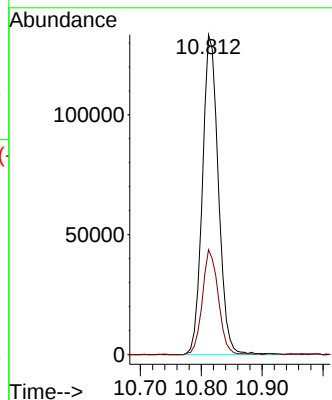
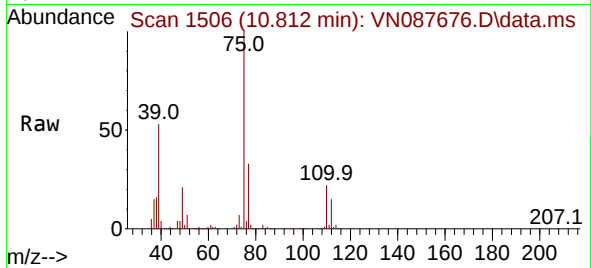




#53
t-1,3-Dichloropropene
Concen: 45.756 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

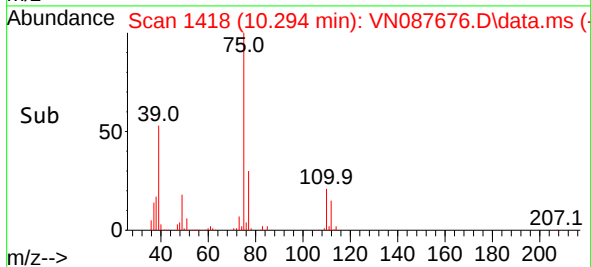
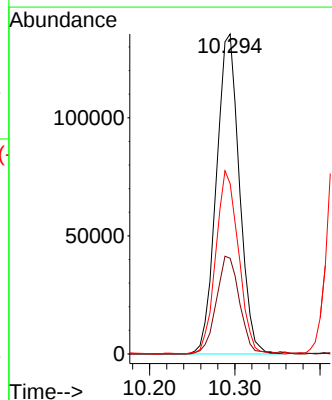
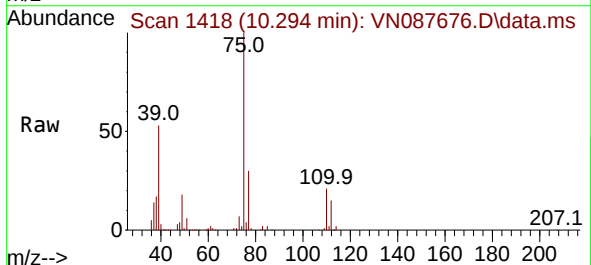
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

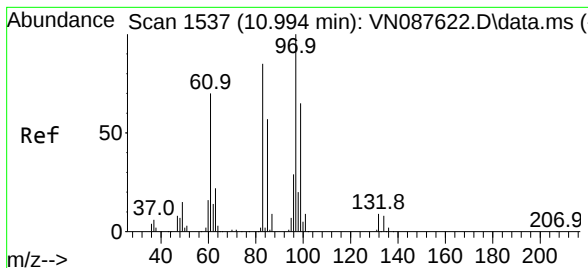
Tgt Ion: 75 Resp: 243407
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 46.063 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 75 Resp: 254431
Ion Ratio Lower Upper
75 100
77 29.9 24.6 37.0
39 53.1 45.2 67.8

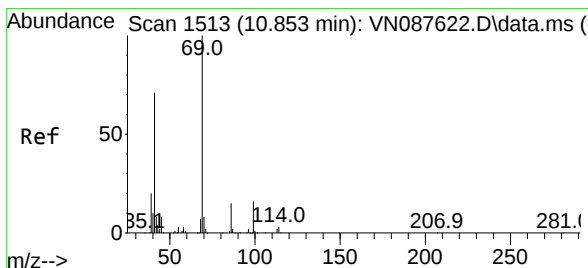
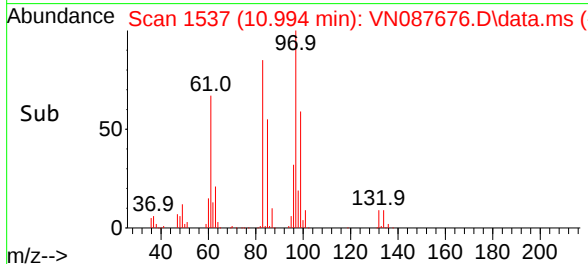
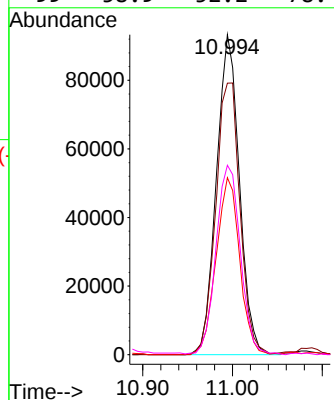
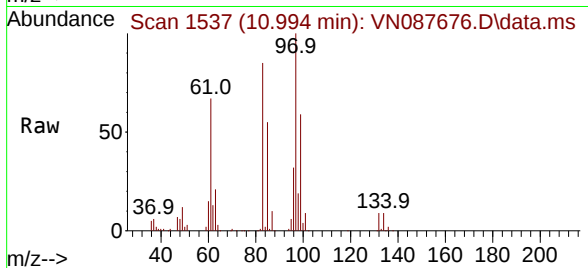




#55
1,1,2-Trichloroethane
Concen: 51.683 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

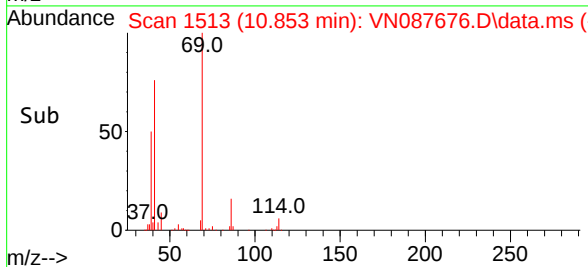
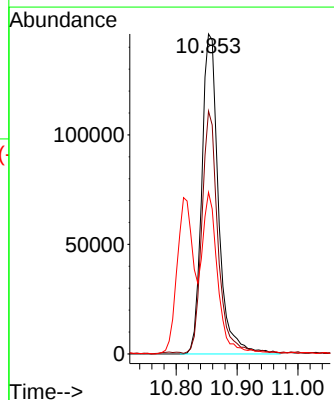
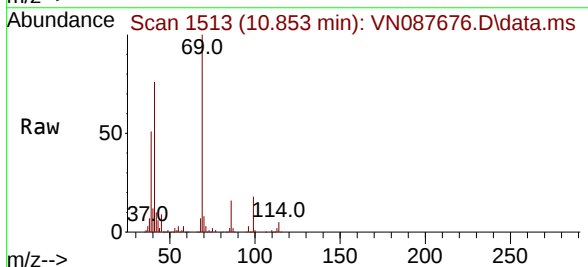
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	165700
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.2	102.4
85	55.3	45.5	68.3
99	58.9	52.2	78.4



#56
Ethyl methacrylate
Concen: 54.397 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:	69	Resp:	278715
Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.5	84.7
39	45.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 52.831 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

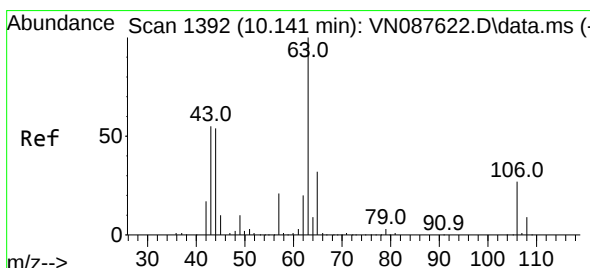
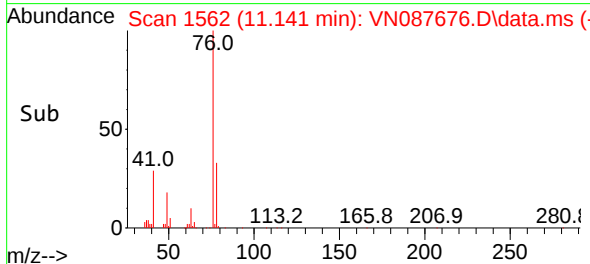
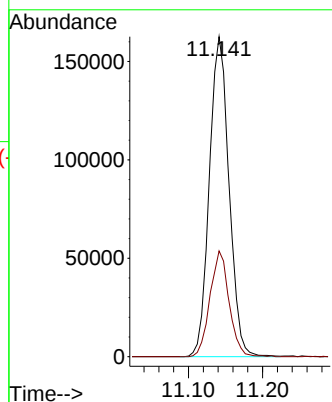
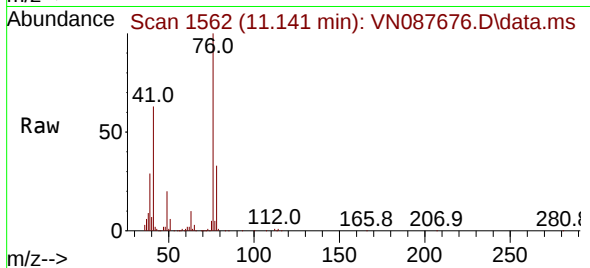
VSTDCCC050

Tgt Ion: 76 Resp: 299771

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.710 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087676.D

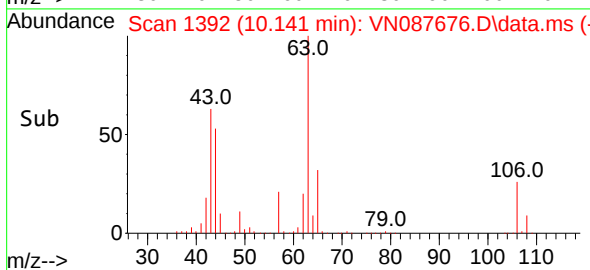
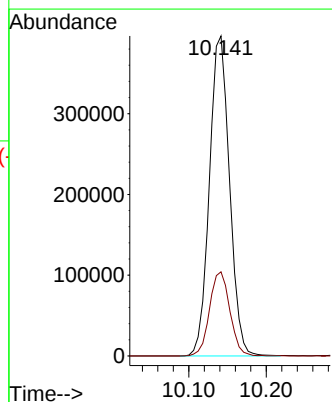
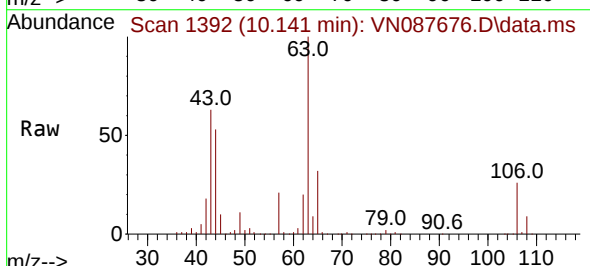
Acq: 28 Aug 2025 11:33

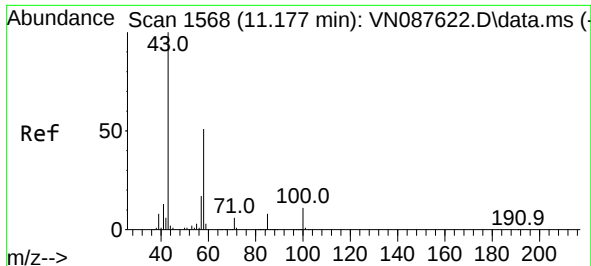
Tgt Ion: 63 Resp: 714693

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7





#59

2-Hexanone

Concen: 286.566 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

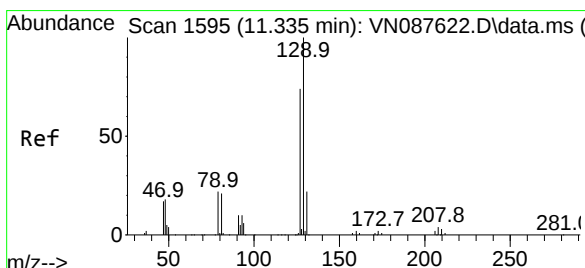
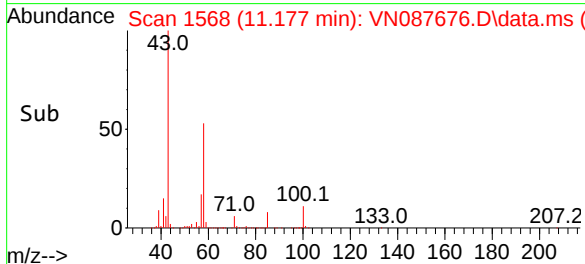
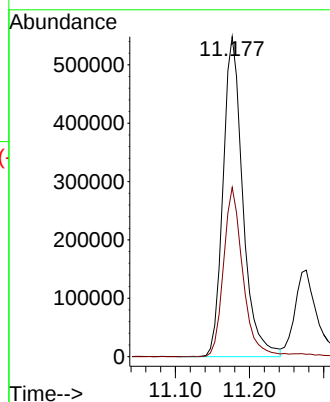
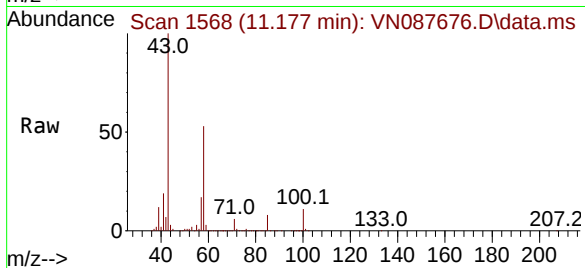
VSTDCCC050

Tgt Ion: 43 Resp: 1016103

Ion Ratio Lower Upper

43 100

58 51.7 25.9 77.8



#60

Dibromochloromethane

Concen: 51.204 ug/l

RT: 11.335 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VN087676.D

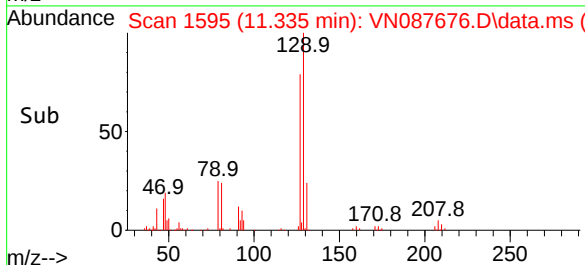
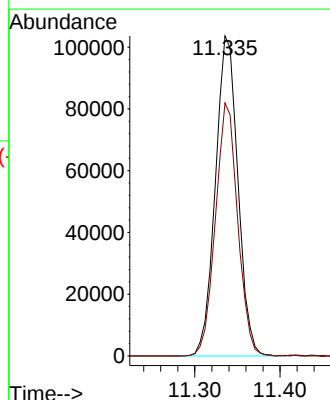
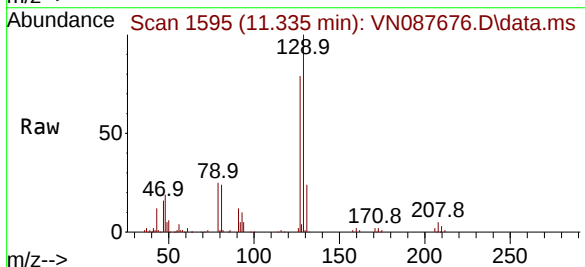
Acq: 28 Aug 2025 11:33

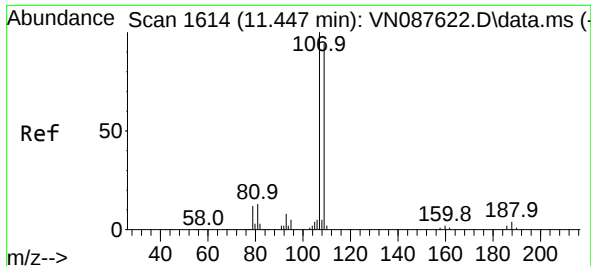
Tgt Ion:129 Resp: 190216

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3

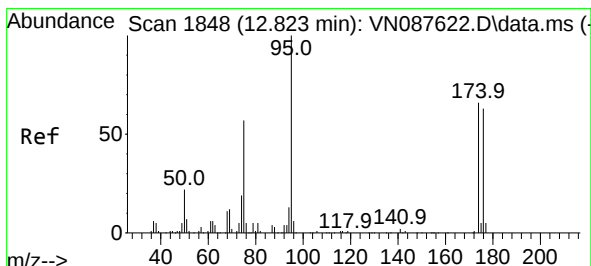
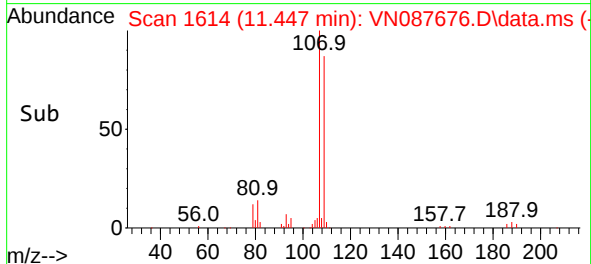
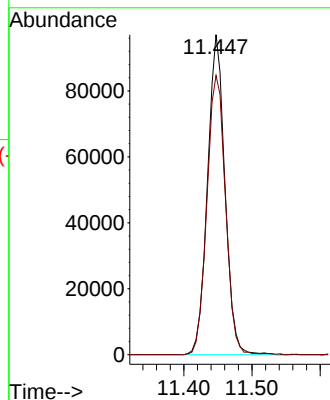
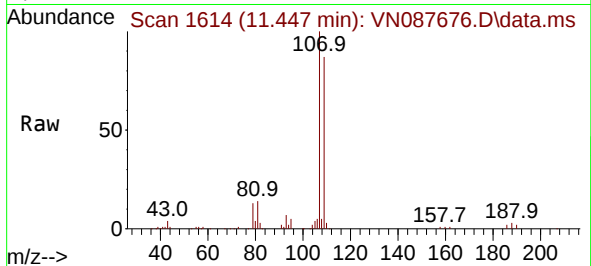




#61
1,2-Dibromoethane
Concen: 50.918 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

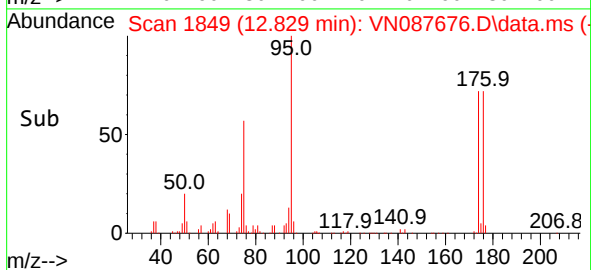
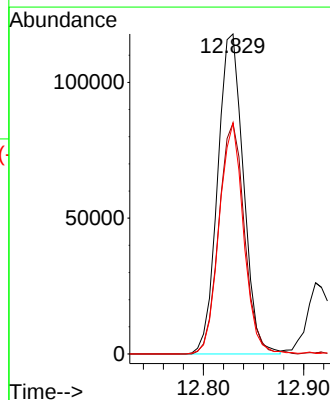
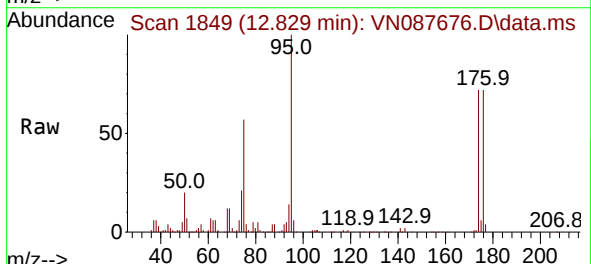
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

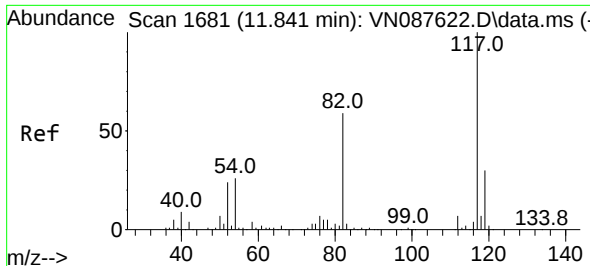
Tgt Ion:107 Resp: 172136
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 55.582 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 95 Resp: 210198
Ion Ratio Lower Upper
95 100
174 71.9 0.0 138.4
176 68.6 0.0 132.6

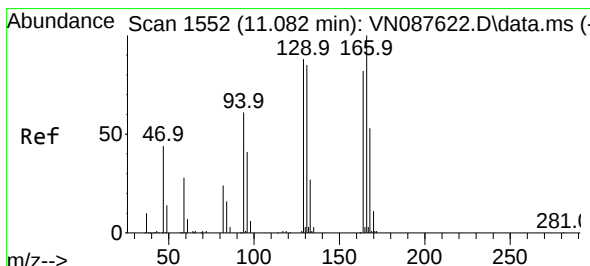
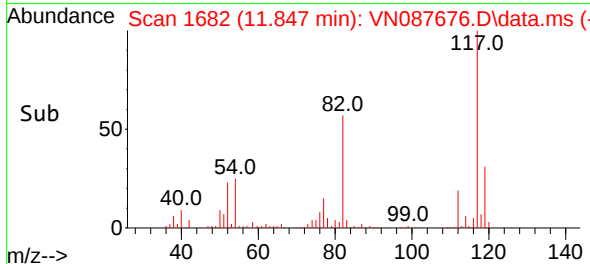
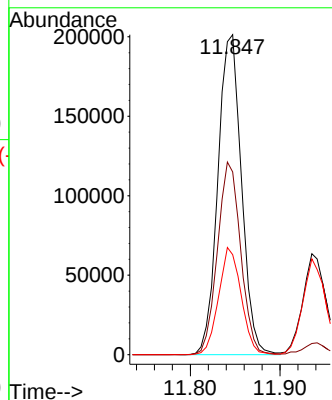
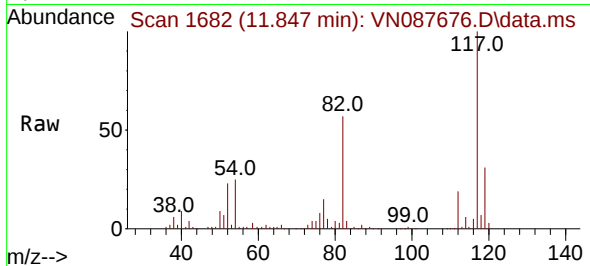




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

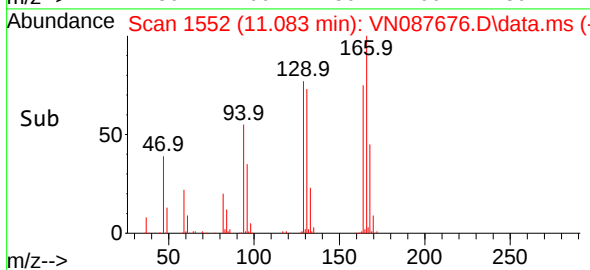
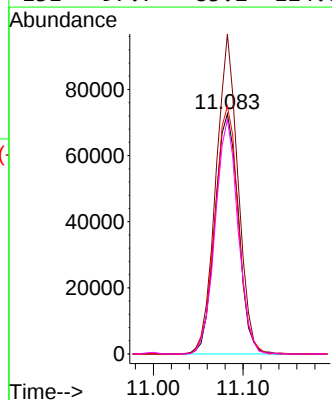
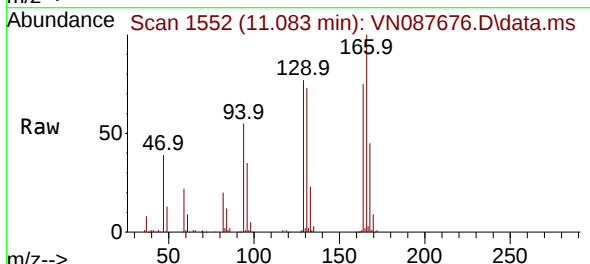
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

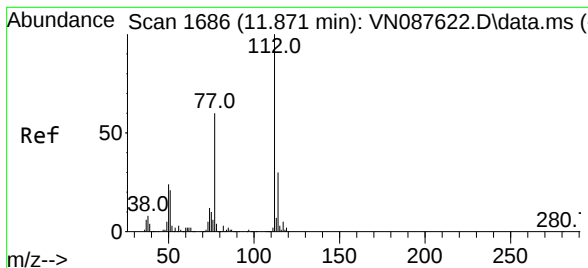
Tgt Ion:117 Resp: 367312
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.3 24.3 36.5



#64
Tetrachloroethene
Concen: 51.738 ug/l
RT: 11.083 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:164 Resp: 131848
Ion Ratio Lower Upper
164 100
166 133.2 97.7 146.5
129 103.2 85.9 128.9
131 97.7 83.2 124.8





#65

Chlorobenzene

Concen: 49.980 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

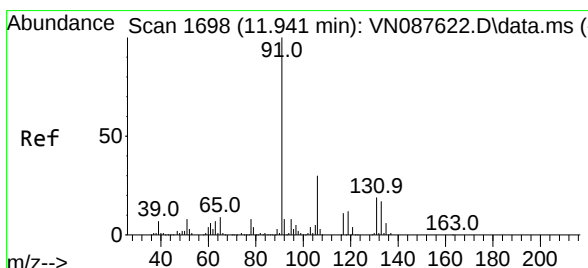
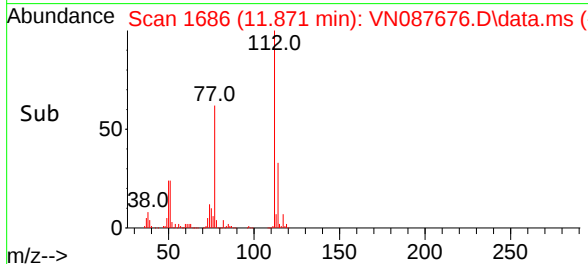
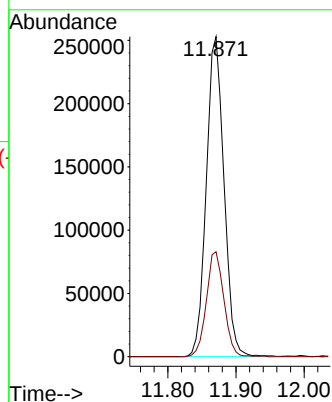
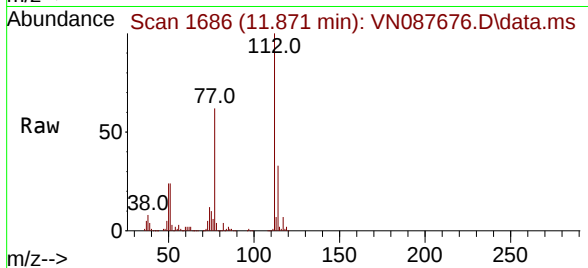
VSTDCCC050

Tgt Ion:112 Resp: 456729

Ion Ratio Lower Upper

112 100

114 32.8 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.319 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

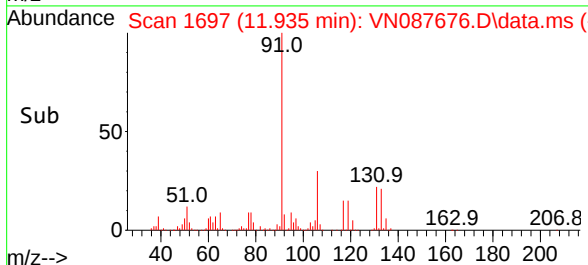
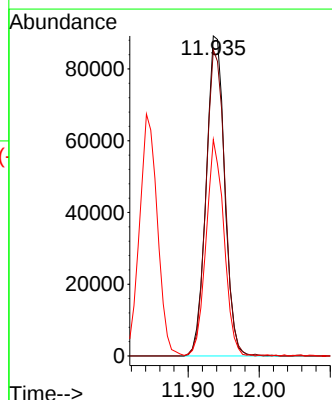
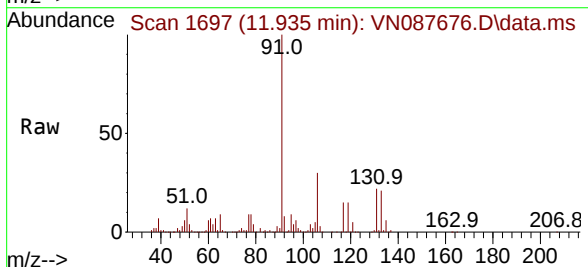
Tgt Ion:131 Resp: 161756

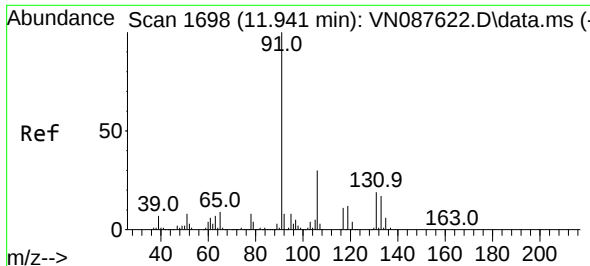
Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

119 65.3 32.6 97.7

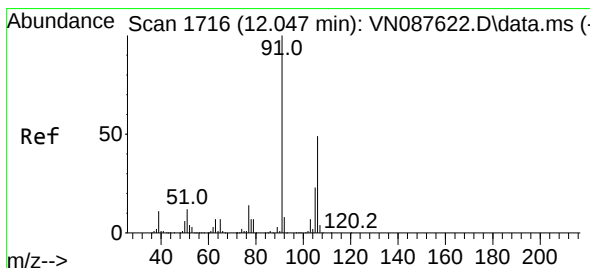
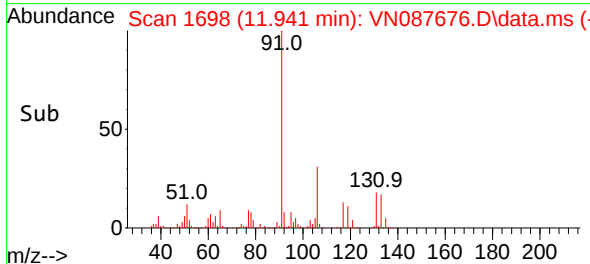
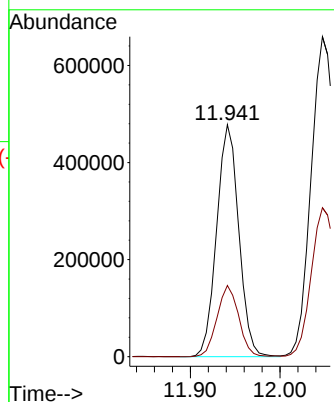
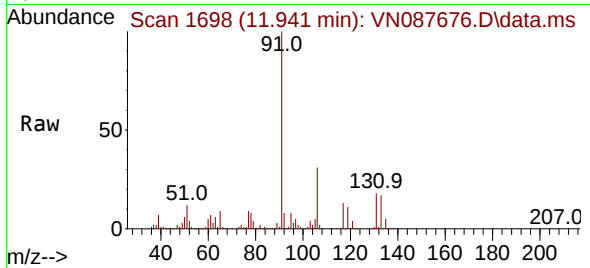




#67
Ethyl Benzene
Concen: 51.689 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

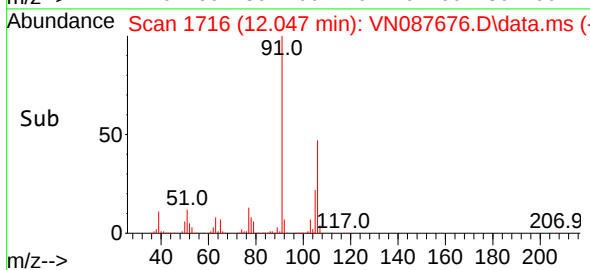
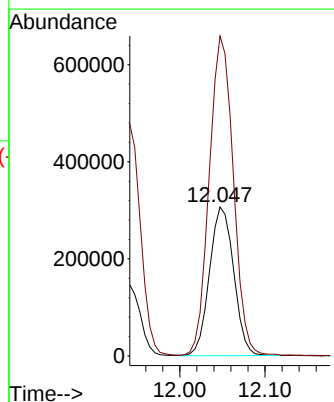
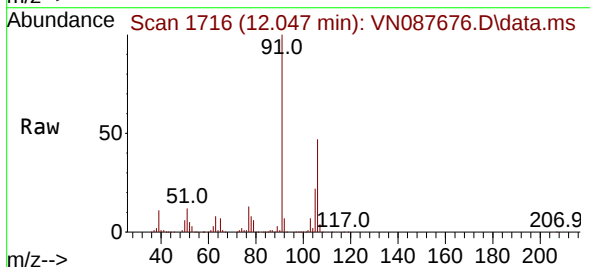
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

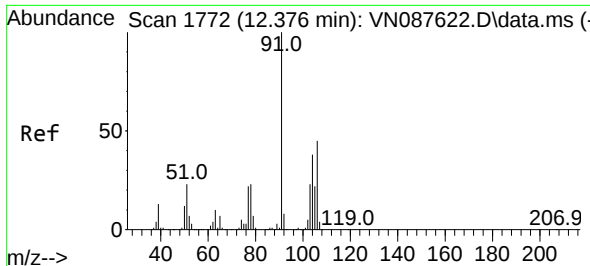
Tgt Ion: 91 Resp: 817830
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#68
m/p-Xylenes
Concen: 104.095 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:106 Resp: 604027
Ion Ratio Lower Upper
106 100
91 215.3 169.3 253.9

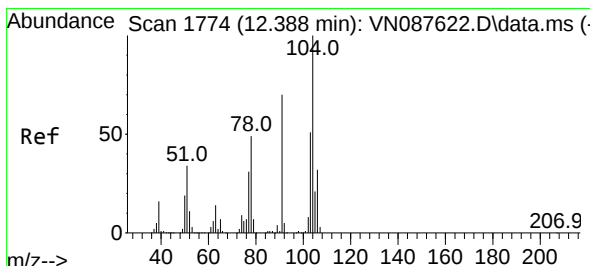
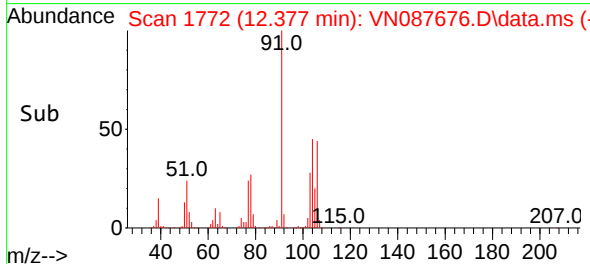
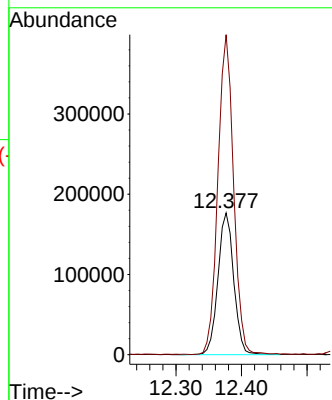
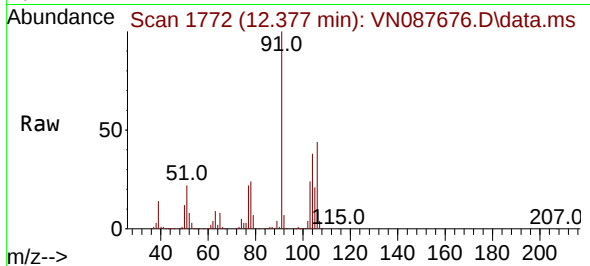




#69
o-Xylene
Concen: 51.788 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

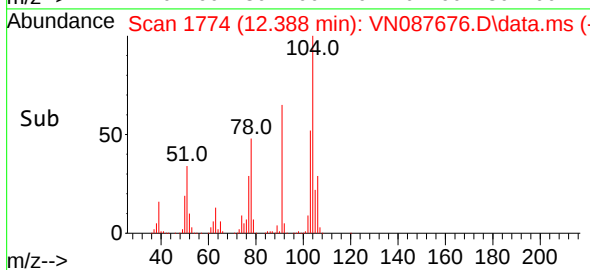
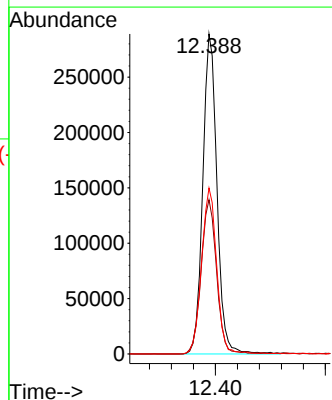
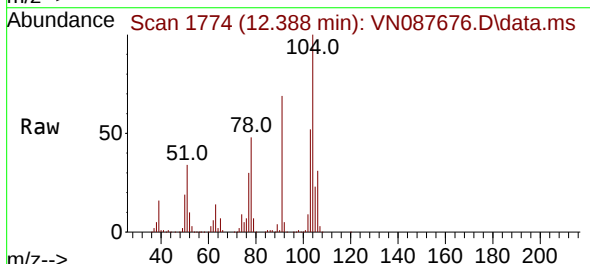
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

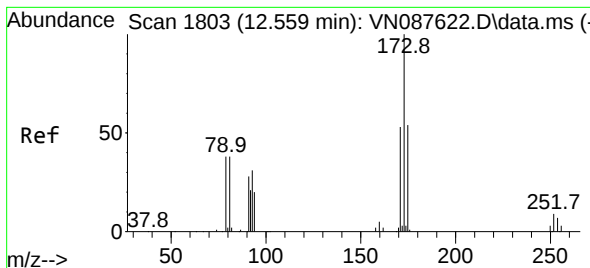
Tgt Ion:106 Resp: 294498
Ion Ratio Lower Upper
106 100
91 223.8 111.4 334.2



#70
Styrene
Concen: 54.320 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:104 Resp: 517502
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.2
103 55.3 43.4 65.2





#71

Bromoform

Concen: 52.519 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

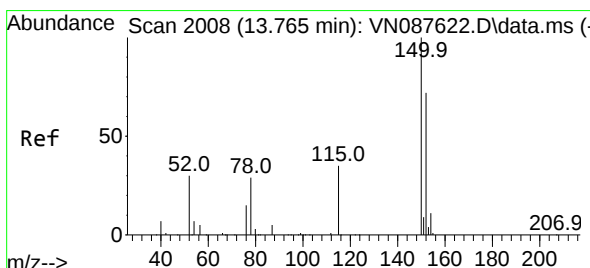
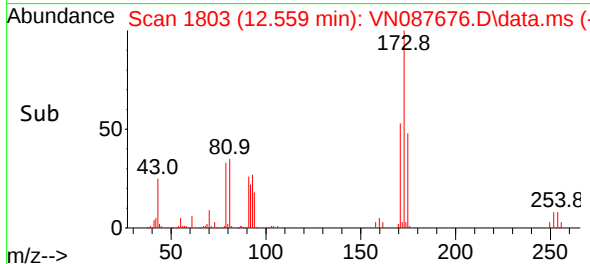
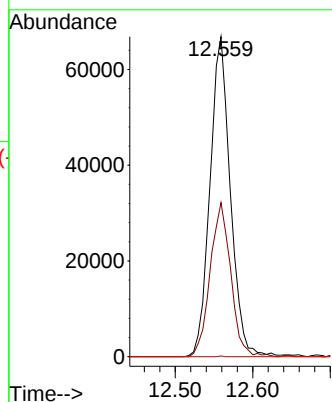
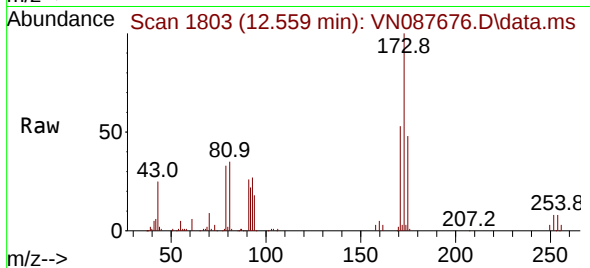
Tgt Ion:173 Resp: 122193

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

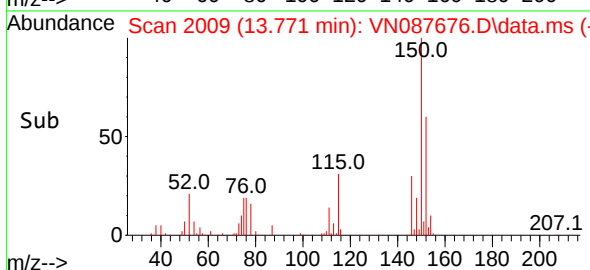
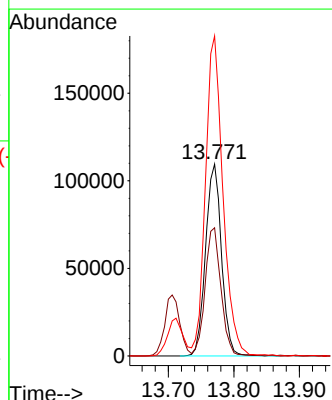
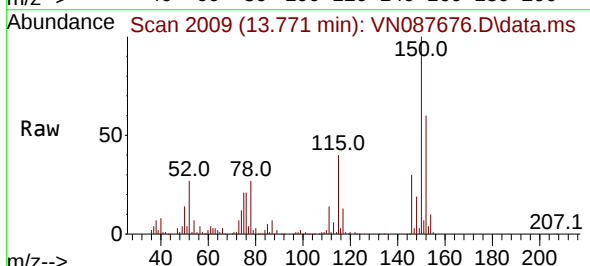
Tgt Ion:152 Resp: 185443

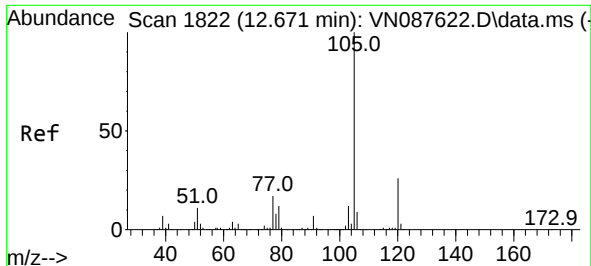
Ion Ratio Lower Upper

152 100

115 66.5 32.3 96.8

150 182.7 0.0 351.0

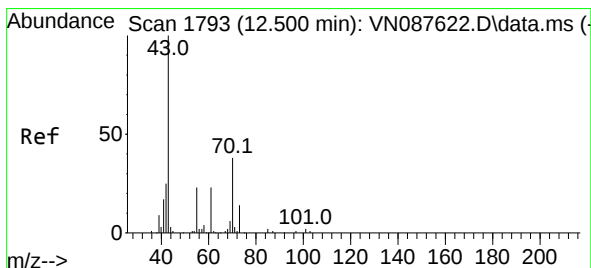
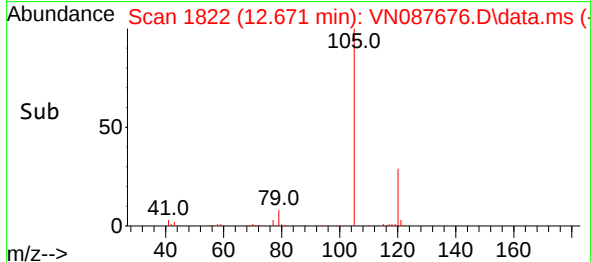
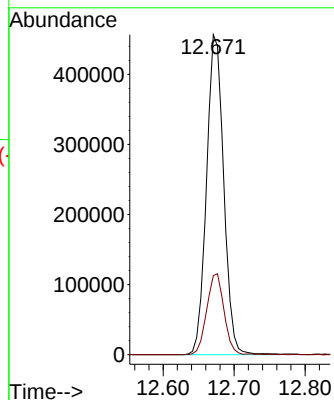
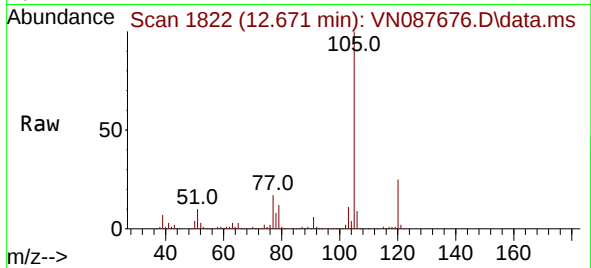




#73
Isopropylbenzene
Concen: 51.259 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

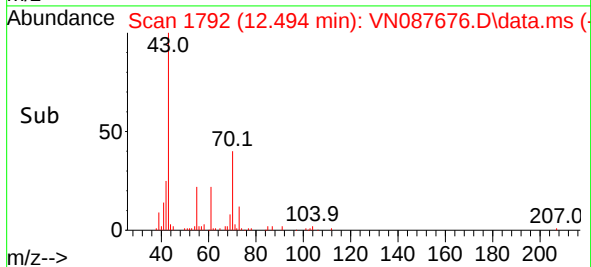
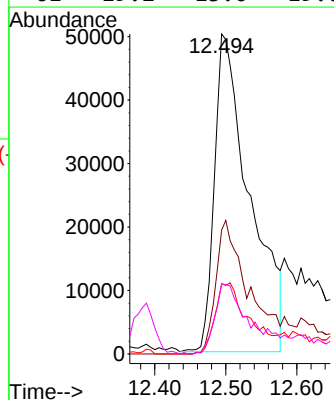
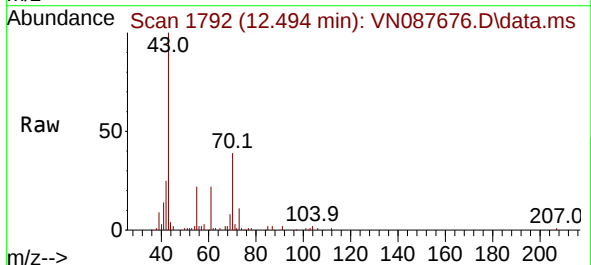
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

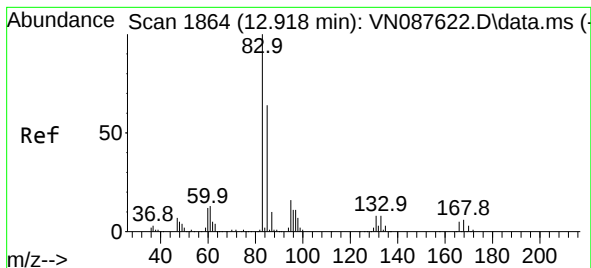
Tgt Ion:105 Resp: 768116
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 30.369 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 43 Resp: 172462
Ion Ratio Lower Upper
43 100
70 43.6 27.6 41.4#
55 21.1 13.0 19.6#
61 19.2 13.0 19.6

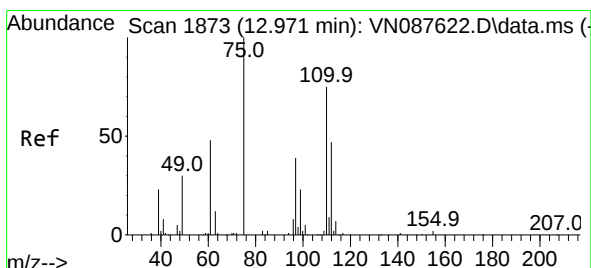
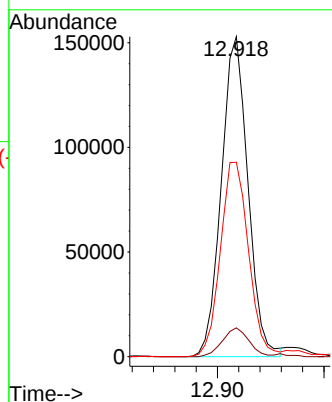
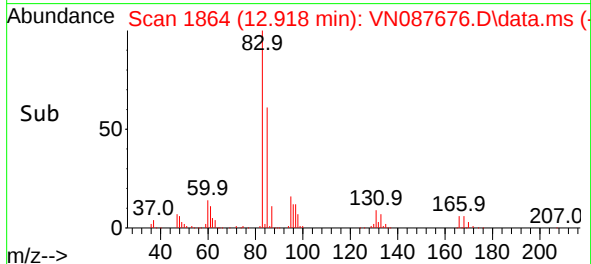
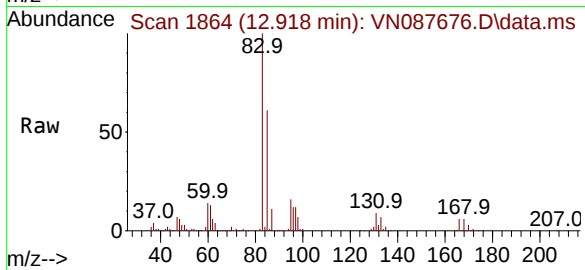




#75
 1,1,2-Tetrachloroethane
 Concen: 51.356 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

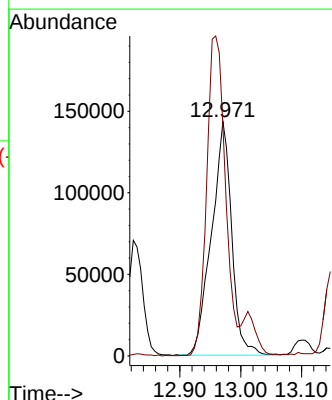
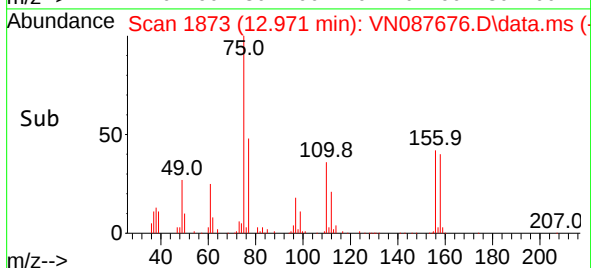
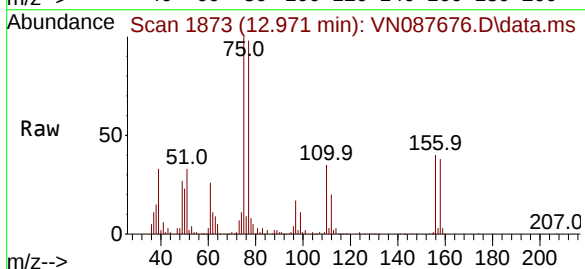
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

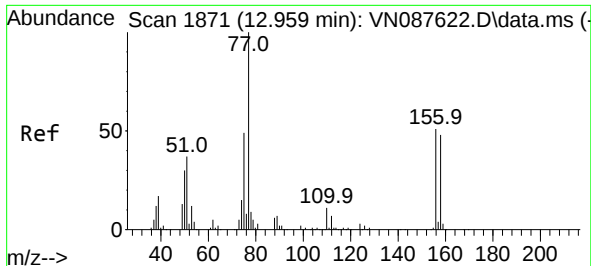
Tgt Ion: 83 Resp: 264952
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.8 14.4
 85 64.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 75.802 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

Tgt Ion: 75 Resp: 329641
 Ion Ratio Lower Upper
 75 100
 77 128.0 89.1 267.4

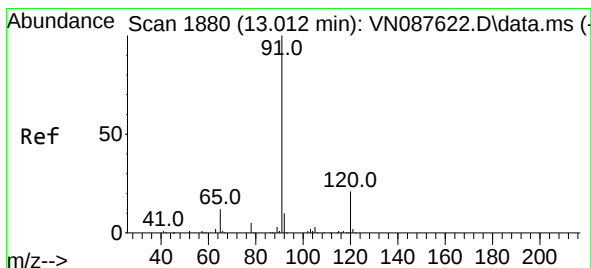
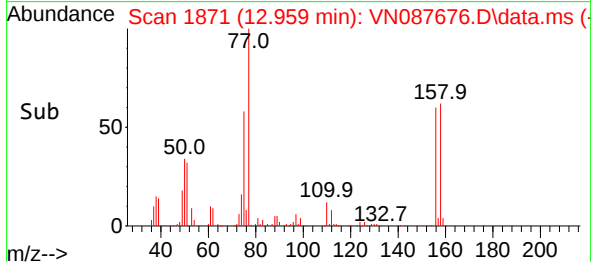
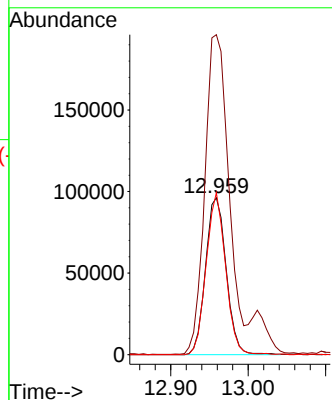
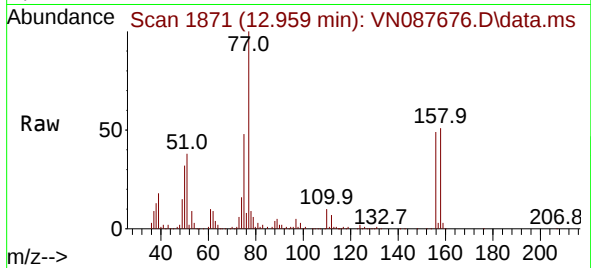




#77
Bromobenzene
Concen: 50.404 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

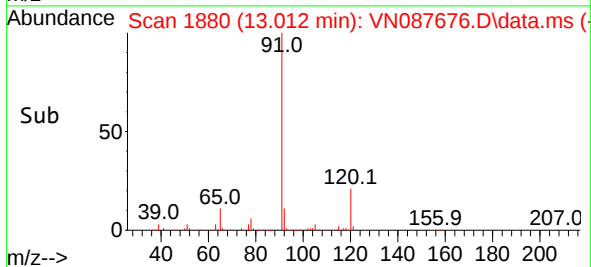
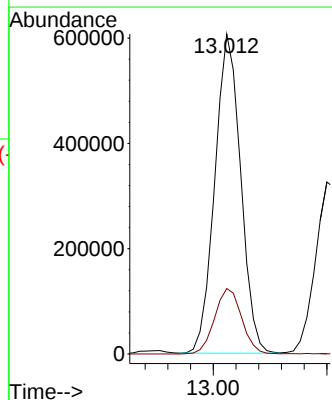
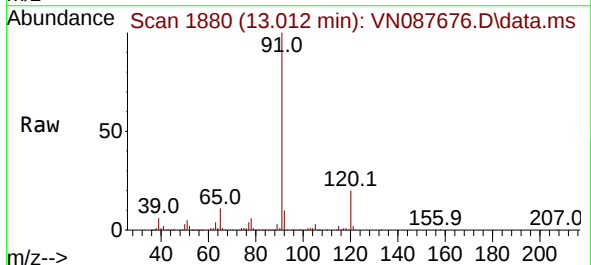
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

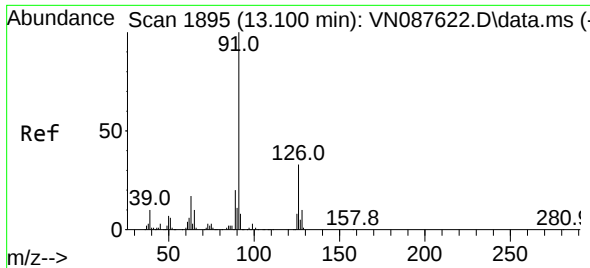
Tgt Ion:156 Resp: 178089
Ion Ratio Lower Upper
156 100
77 237.0 119.3 358.0
158 97.1 48.2 144.6



#78
n-propylbenzene
Concen: 51.887 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 91 Resp: 957714
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1

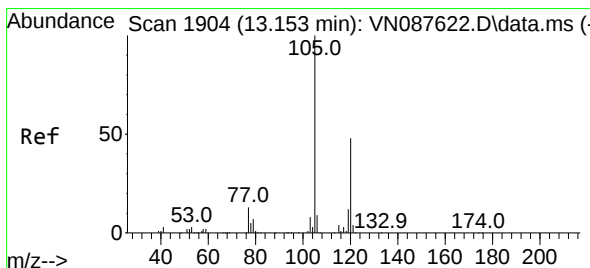
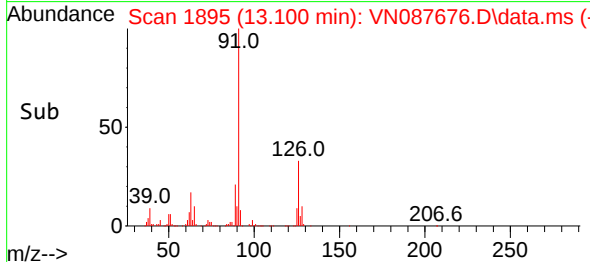
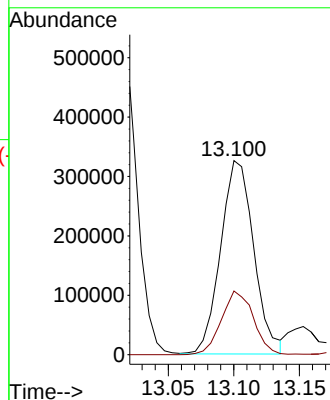
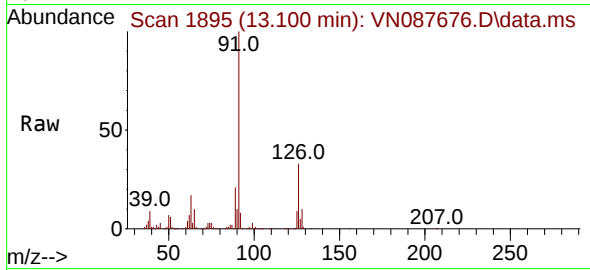




#79
2-Chlorotoluene
Concen: 51.657 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

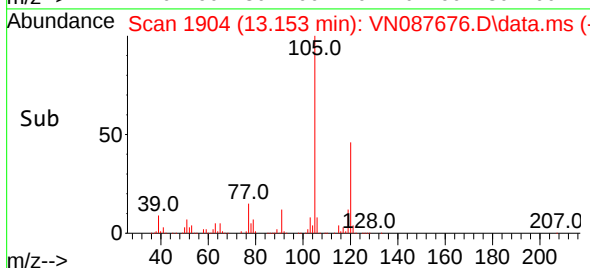
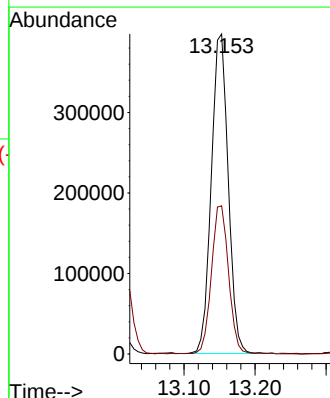
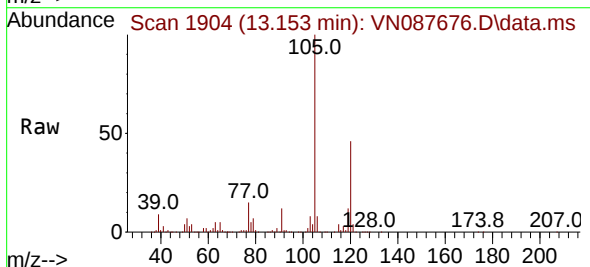
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

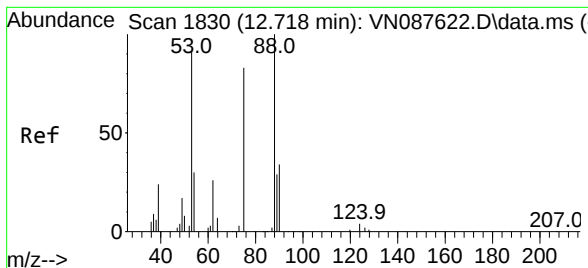
Tgt Ion: 91 Resp: 573787
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 51.601 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 105 Resp: 655962
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6

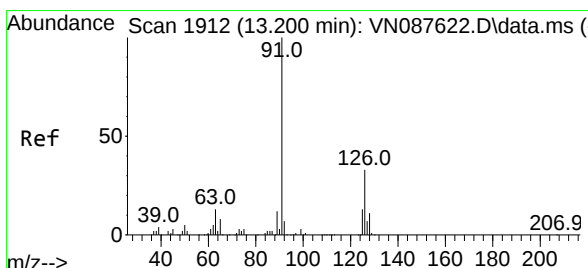
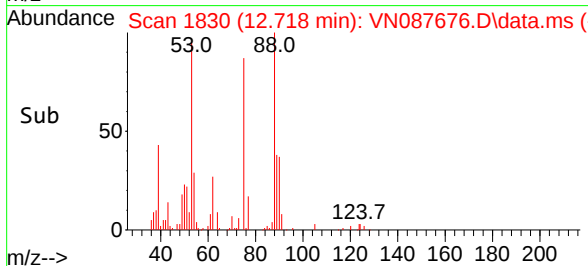
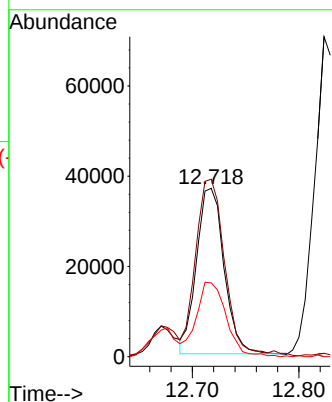
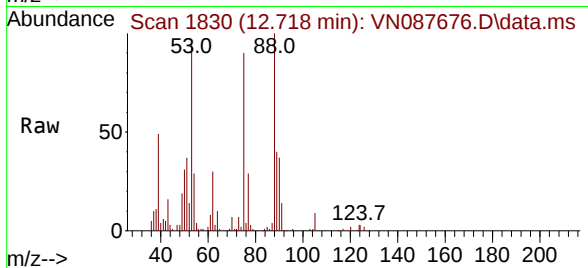




#81
trans-1,4-Dichloro-2-butene
Concen: 40.186 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

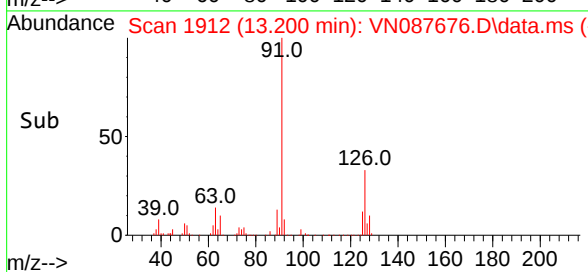
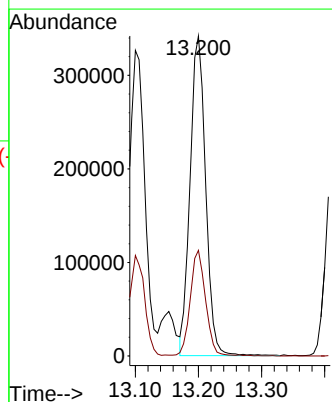
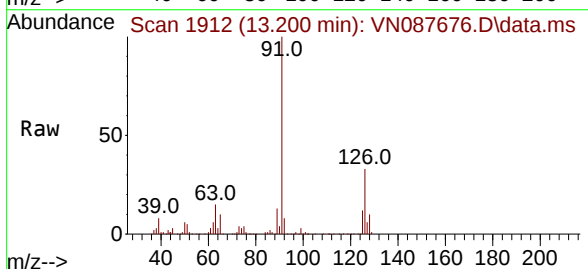
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

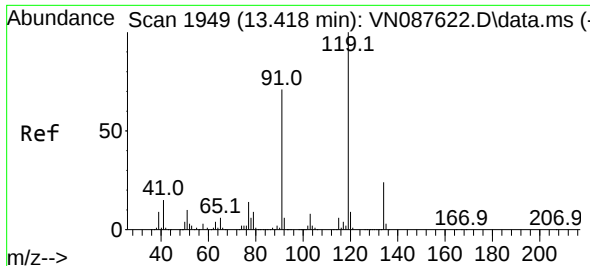
Tgt Ion: 75 Resp: 66012
Ion Ratio Lower Upper
75 100
53 108.7 101.8 152.6
89 49.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 50.080 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 91 Resp: 584857
Ion Ratio Lower Upper
91 100
126 32.8 15.6 46.8

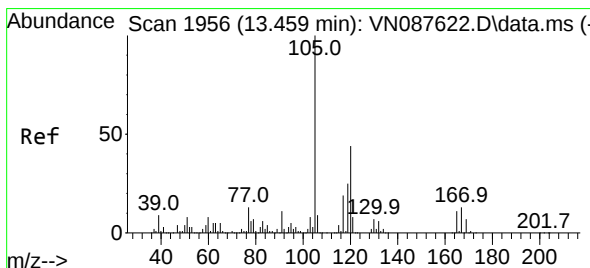
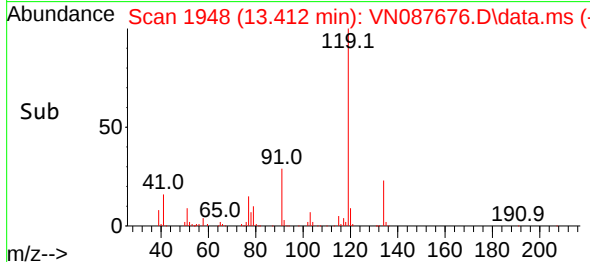
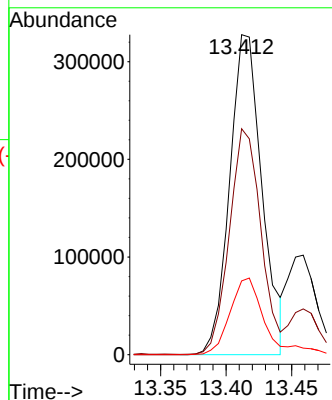
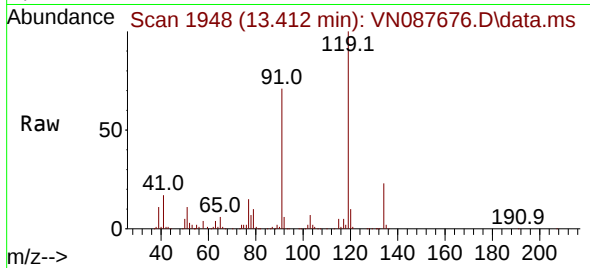




#83
tert-Butylbenzene
Concen: 53.098 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

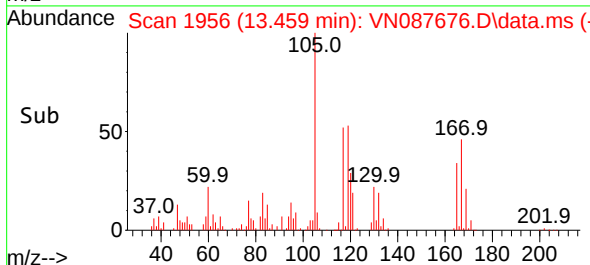
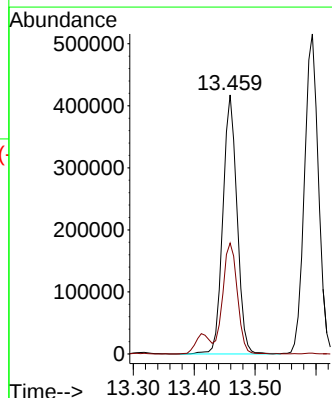
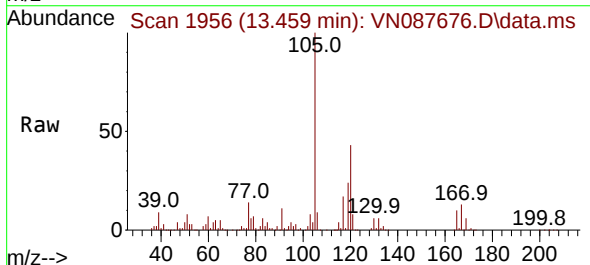
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

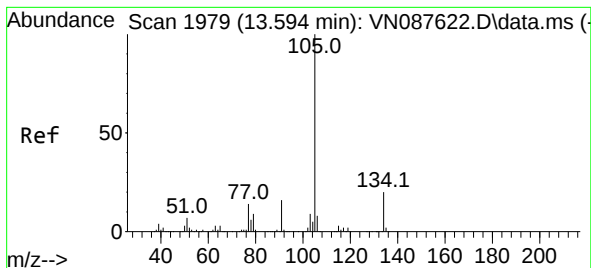
Tgt Ion:119 Resp: 562477
Ion Ratio Lower Upper
119 100
91 68.9 35.0 105.0
134 25.7 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 53.018 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:105 Resp: 674684
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.260 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

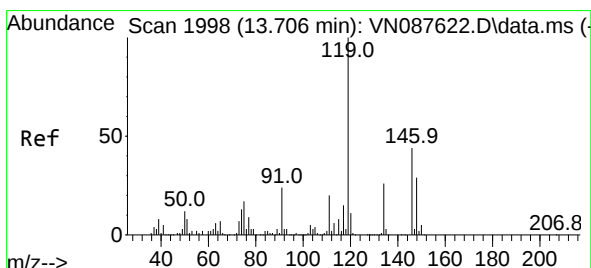
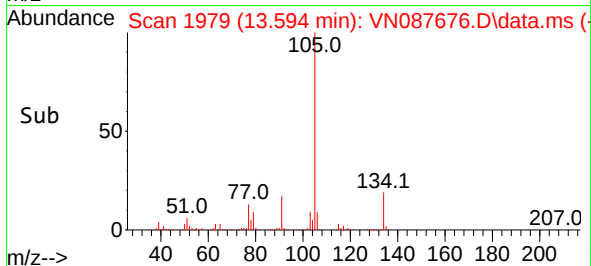
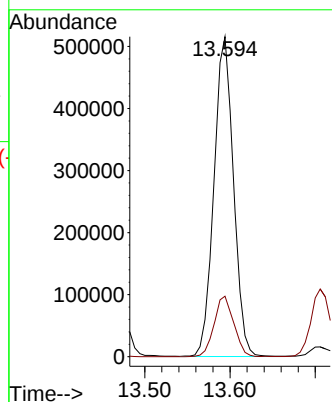
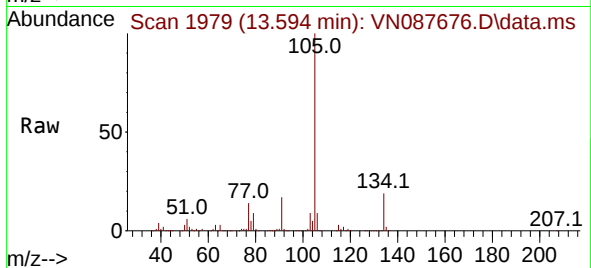
VSTDCCC050

Tgt Ion:105 Resp: 821536

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6



#86

p-Isopropyltoluene

Concen: 51.831 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

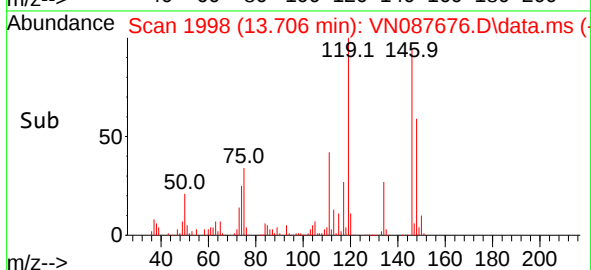
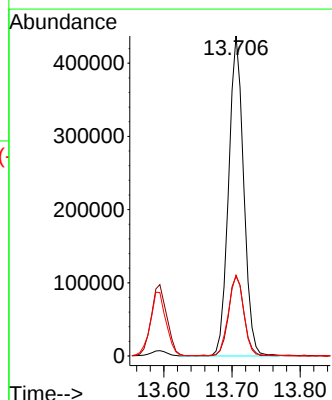
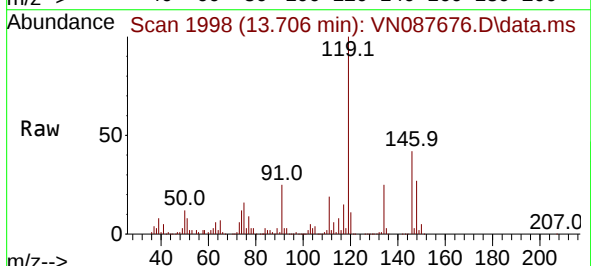
Tgt Ion:119 Resp: 672819

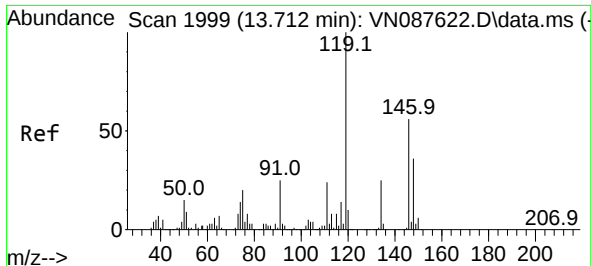
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 26.0 12.5 37.5

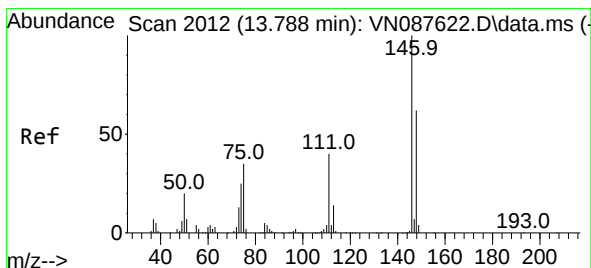
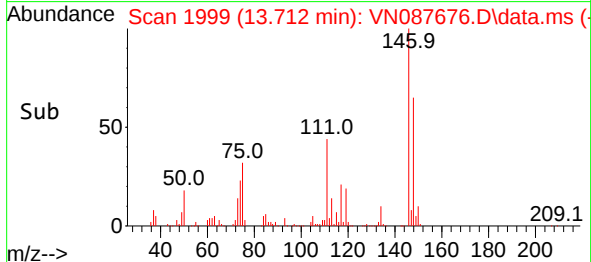
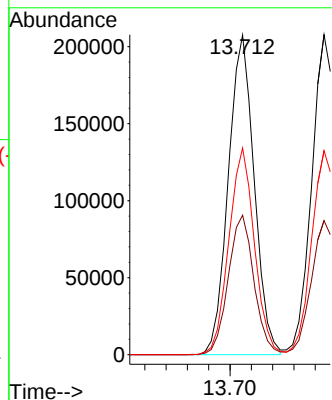
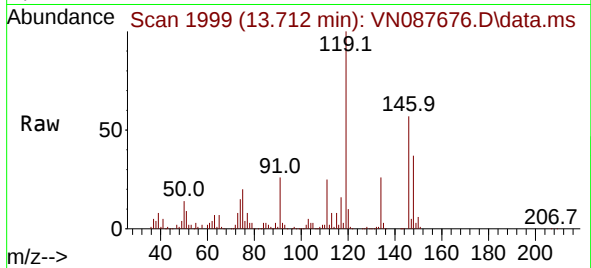




#87
 1,3-Dichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

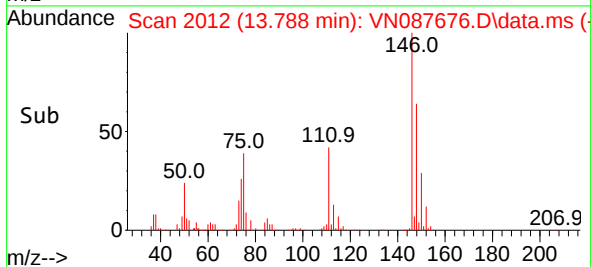
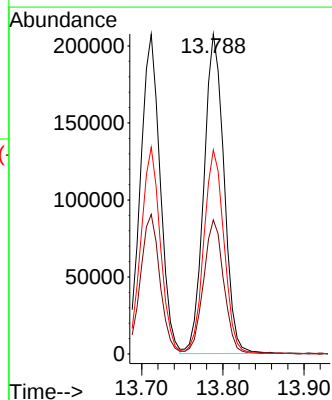
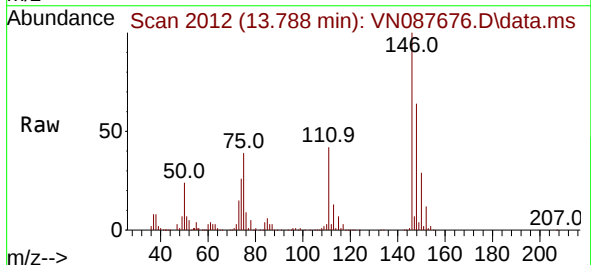
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

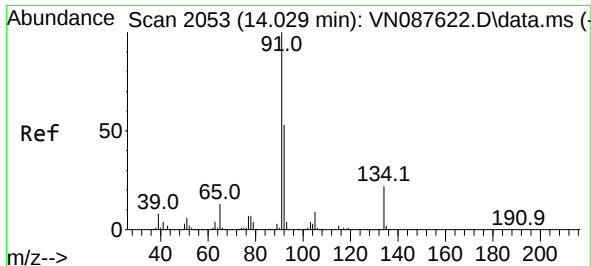
Tgt Ion:146 Resp: 349988
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.275 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087676.D
 Acq: 28 Aug 2025 11:33

Tgt Ion:146 Resp: 356790
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.0 63.0
 148 63.7 32.0 96.0

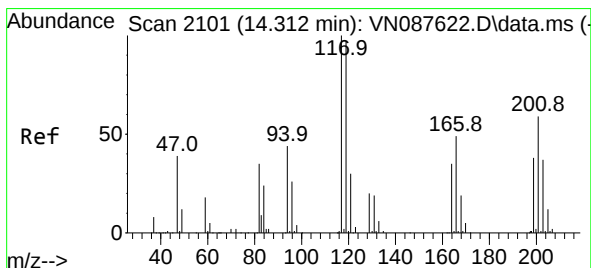
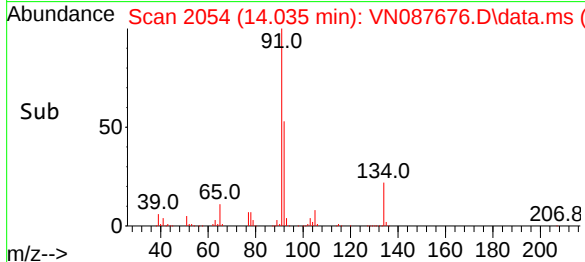
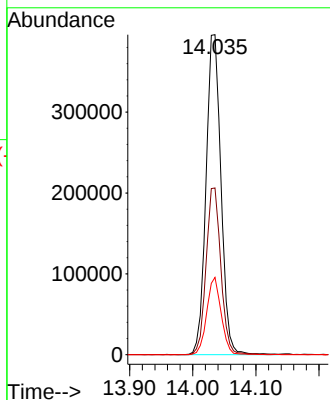
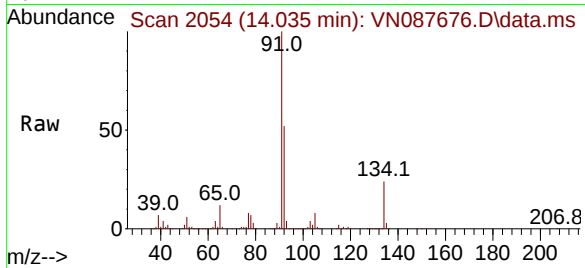




#89
n-Butylbenzene
Concen: 50.490 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

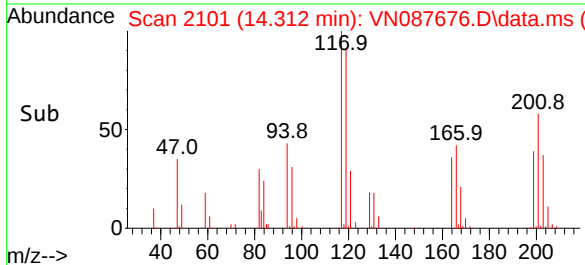
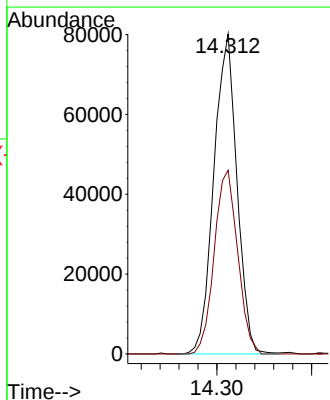
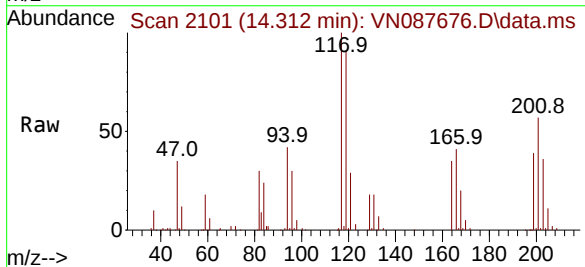
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

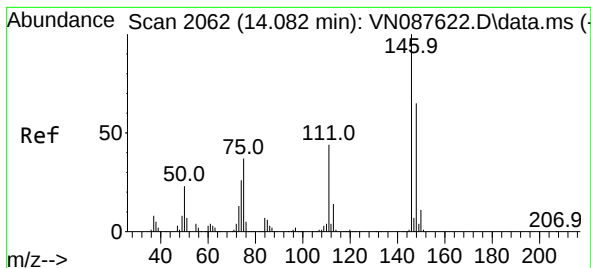
Tgt Ion: 91 Resp: 650921
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.8
134 23.4 11.7 35.0



#90
Hexachloroethane
Concen: 54.847 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion: 117 Resp: 135641
Ion Ratio Lower Upper
117 100
201 58.3 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 50.985 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

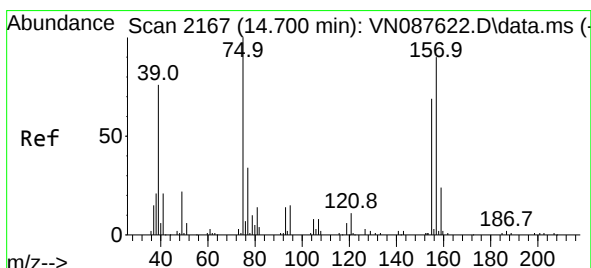
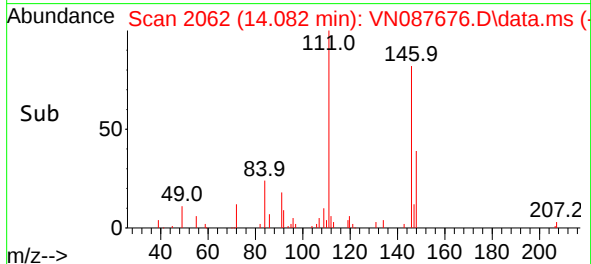
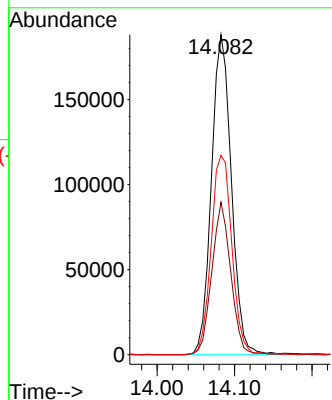
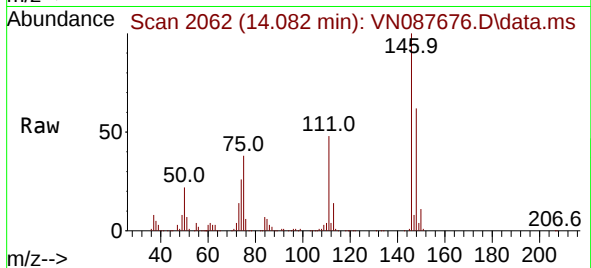
Tgt Ion:146 Resp: 336552

Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.8

148 65.0 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.921 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

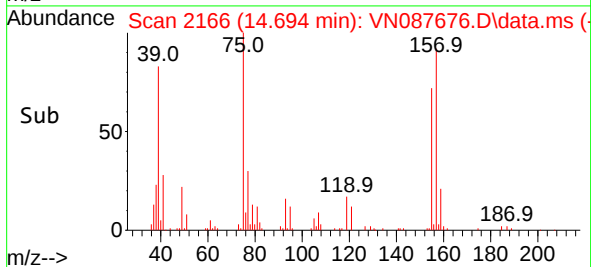
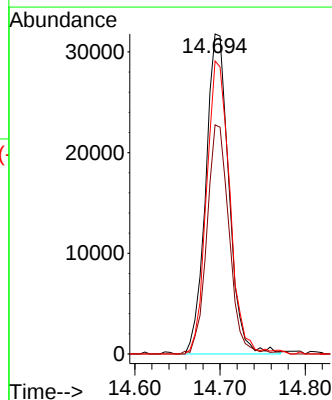
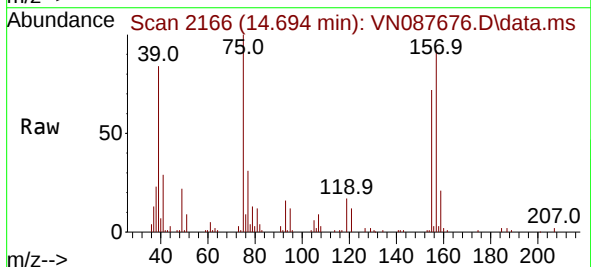
Tgt Ion: 75 Resp: 59956

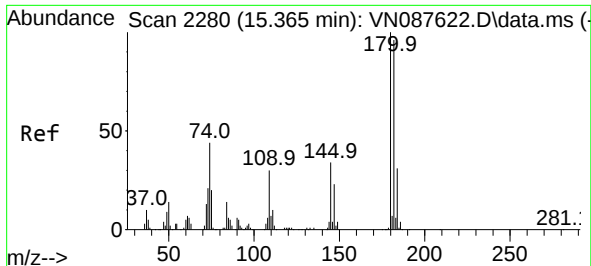
Ion Ratio Lower Upper

75 100

155 68.6 36.6 109.9

157 92.0 45.6 136.9

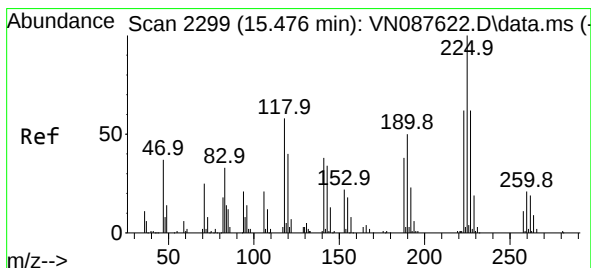
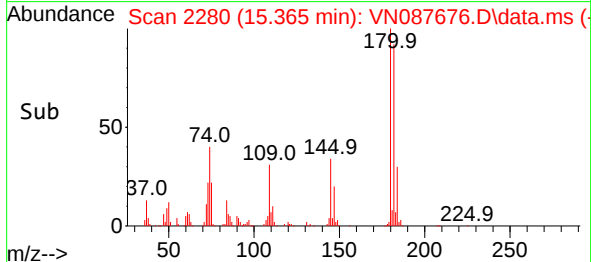
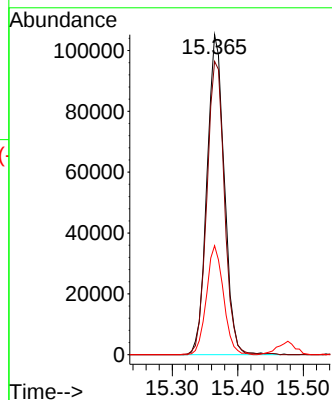
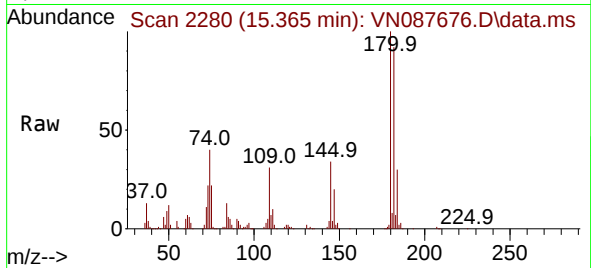




#93
1,2,4-Trichlorobenzene
Concen: 48.741 ug/l
RT: 15.365 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

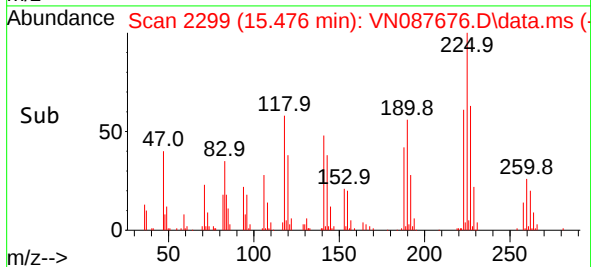
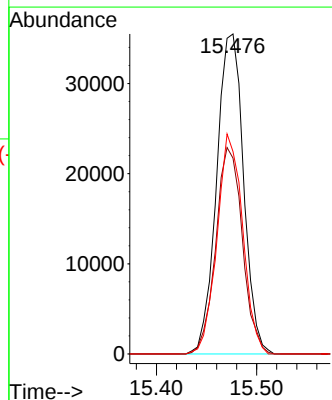
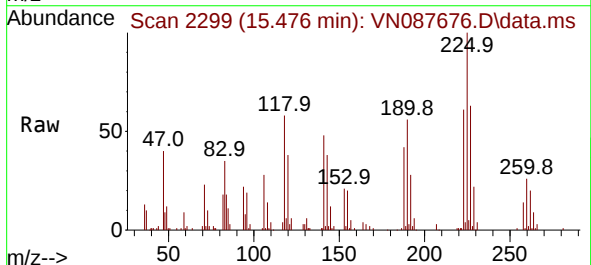
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

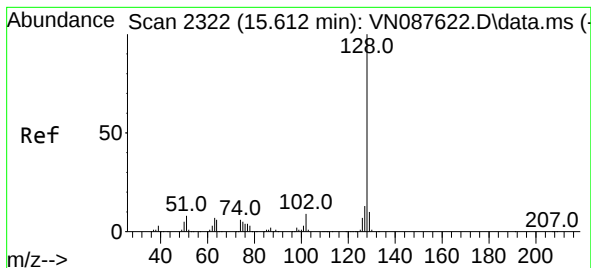
Tgt Ion:180 Resp: 193202
Ion Ratio Lower Upper
180 100
182 92.8 47.6 142.9
145 33.7 16.5 49.5



#94
Hexachlorobutadiene
Concen: 46.900 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087676.D
Acq: 28 Aug 2025 11:33

Tgt Ion:225 Resp: 66276
Ion Ratio Lower Upper
225 100
223 63.7 32.0 96.2
227 65.4 32.1 96.5





#95

Naphthalene

Concen: 50.044 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

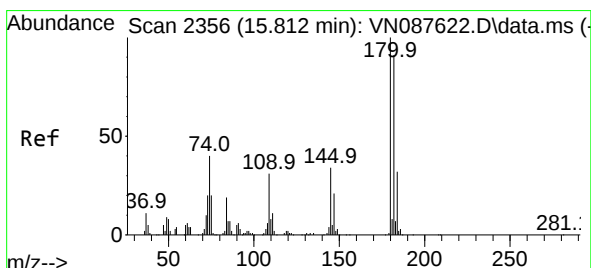
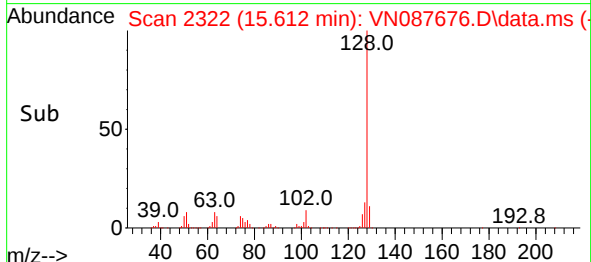
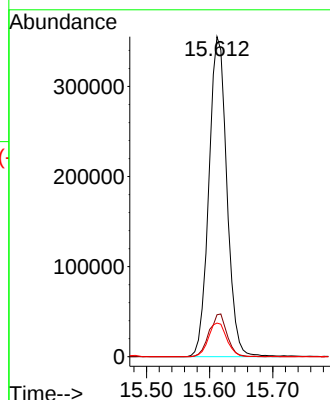
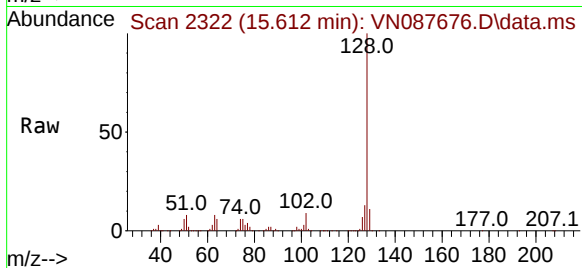
Tgt Ion:128 Resp: 702614

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.847 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087676.D

Acq: 28 Aug 2025 11:33

Tgt Ion:180 Resp: 189286

Ion Ratio Lower Upper

180 100

182 93.5 46.8 140.3

145 34.8 17.3 52.0

